Naval Facilities Engineering Systems Command Southwest
BRAC PMO West
San Diego, CA

Final
Radiological Scoping Survey Report

Parcel F Structures—Finger Piers

Hunters Point Naval Shipyard, San Francisco, CA

April 2021

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DCN: APTM-0006-4550-0118

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Acronyms and Abbreviations

^{90}Sr strontium-90

^{137}Cs cesium-137

^{226}Ra radium-226

^{239}Pu plutonium-239

AM ..... *Final Basewide Radiological Removal Action, Action Memorandum—Revision 2006, Hunters Point Shipyard, San Francisco, California*

APTIM ..... Aptim Federal Services, LLC

cm ..... centimeter

cm^2 ..... square centimeter

CSM ..... conceptual site model

CSO ..... Caretaker Site Office

dpm ..... disintegration per minute

dpm/100 cm^2 ..... disintegration per minute per 100 square centimeters

DQO ..... data quality objective

EPA ..... U.S. Environmental Protection Agency

FCR ..... field change request

GPS ..... global positioning system

HPNS ..... Hunters Point Naval Shipyard

HRA ..... *Final Historical Radiological Assessment Volume II, History and the Use of General Radioactive Materials, 1939-2003*

IL ..... investigation level

ISO ..... International Organization for Standardization

MARSAME ..... *Multi-Agency Radiation Survey and Assessment of Materials and Equipment*

MARSSIM ..... *Multi-Agency Radiation Survey and Site Investigation Manual*

MDC ..... minimum detectable concentration

MeV ..... megaelectron volt

N ..... number

NaI ..... sodium iodide

Acronyms and Abbreviations (continued)

NAVSEA.....Naval Sea Systems Command
Navy .....U.S. Department of the Navy
NIST .....National Institute of Standards and Technology
NRC .....U.S. Nuclear Regulatory Commission
PRSO ..... Project Radiation Safety Officer
QC ..... quality control
RBA ..... reference background area
RCT ..... radiological control technician
ROC ..... radionuclide of concern
ROICC.....Resident Officer in Charge of Construction
RPM .....Remedial Project Manager
SAP ..... sampling and analysis plan
SU .....survey unit
Work Plan.....*Final Revision 2, Radiological Scoping Surveys Work Plan, Parcel F Structures, Hunters Point Naval Shipyard, San Francisco, California*

1.0 Introduction

This radiological scoping survey report presents the activities implemented by Aptim Federal Services, LLC (APTIM) during the radiological scoping surveys of the finger piers, located in Parcel F adjacent to Parcels D-1 and E at Hunters Point Naval Shipyard (HPNS), San Francisco, California (Figures 1 and 2). The scoping survey was performed for the U.S. Department of the Navy (Navy), Naval Facilities Engineering Command Southwest, under Contract No. N62473-17-D-0006, Contract Task Order N6247317F4550. Base Realignment and Closure Program Management Office West managed the work elements under this contract task order.

Based on the radiological operational history described in the *Final Historical Radiological Assessment Volume II, History of the Use of General Radioactive Materials, 1939-2003* (HRA; Naval Sea Systems Command [NAVSEA], 2004), the Navy determined that low-level radioactive contamination is potentially present at the finger piers. This decision was presented in the *Final Basewide Radiological Removal Action, Action Memorandum—Revision 2006, Hunters Point Shipyard, San Francisco, California* (AM; Navy, 2006). The purpose of the AM was to document the Navy's decision to perform time-critical removal actions at areas throughout HPNS that could contain localized radioactive contamination and substantially eliminate identified exposure pathways to surrounding populations and nearby ecosystems.

The Navy identified the applicable or relevant and appropriate requirements for the HPNS removal actions, which were presented in AM Appendix A (Navy, 2006). The cleanup goals for localized radioactive contamination at HPNS presented in the AM were derived in consultation with federal and state regulators to meet the most conservative requirements at the time the AM was being written.

The HRA (NAVSEA, 2004) lists cesium-137 (^{137}Cs), plutonium-239 (^{239}Pu), radium-226 (^{226}Ra), and strontium-90 (^{90}Sr) as the radionuclides of concern (ROCs) for the finger piers (Table 1). Table 1 provides the radiological release criteria for each ROC. For alpha measurements, the most restrictive release criterion for alpha-emitting ROCs is 100 disintegrations per minute (dpm) per 100 square centimeters (cm^2) (dpm/100 cm^2) for ^{226}Ra and ^{239}Pu. For beta measurements, the most restrictive release criterion for beta-emitting ROCs is 1,000 dpm/100 cm^2 for ^{90}Sr.

1.1 Project Scope and Objective

The scope of the planned activities consisted of the following elements:

- Develop a work plan and associated appendices (APTIM, 2019)
- Conduct radiological scoping surveys of the finger piers (Figure 2)
- Prepare a scoping survey report for the finger piers (this report)

The objective of these tasks was to provide radiological scoping survey data with sufficient quantity and quality to support future site decisions for the finger piers (Finger Piers 1, 2, and 3 and associated Ship Berths 23 through 28, 30 through 35, and 37 through 42; Figure 2).

1.2 Deviations from Planning Documents

Three field change requests (FCRs) were submitted and approved. Appendix B includes the approved FCRs as follows:

- **FCR-003**—clarifies RS-700 procedures and revises the *Final Revision 2, Radiological Scoping Surveys Work Plan, Parcel F Structures, Hunters Point Naval Shipyard, San Francisco, California* (Work Plan; APTIM, 2019) regarding investigation levels (ILs) for consistency throughout the document.
- **FCR-004**—provides additional methods to determine appropriate concrete reference background areas (RBAs).
- **FCR-006**—includes additional methods to assess follow-up locations via gamma spectral analysis.

1.3 Report Organization

This report consists of eight sections and provides descriptions of the specific activities involved in the implementation of the survey work, as follows:

- Section 1.0, “Introduction”—provides an introduction, project scope and objectives, and this report organization.
- Section 2.0, “Site Conditions and History”—presents the site location, description and history, ROCs, previous investigations, and conceptual site model (CSM).

- Section 3.0, “Scoping Survey Design”—describes the process for survey design and data quality objectives (DQOs).
- Section 4.0, “Survey Instrumentation”—describes the instrument calibration and calibration checks, as well as the types of instruments used.
- Section 5.0, “Radiological Scoping Survey Field Activities and Results”—describes the fieldwork, and the gamma survey and alpha and beta survey results.
- Section 6.0, “Data Quality Review”—describes the data quality review results.
- Section 7.0, “Conclusions and Recommendations”—provides an evaluation of the field activities, conclusions, and recommendations.
- Section 8.0, “References”—includes a list of documents used to compile this report.
- Appendices A through J—Responses to Comments, Field Change Requests, Photograph Log, Reference Background Area Data, Radiological Instrument Quality Control Documents, Gamma Survey Data, Alpha Beta Survey Data, Laboratory Data Quality Assessment Summary Report, Data Validation Reports, and Analytical Laboratory Data Packages are included as Appendices A, B, C, D, E, F, G, H, I, and J, respectively.

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2.0 Site Conditions and History

This section presents the site location, site description and history, ROCs, previous investigations and removal actions, and CSM.

2.1 Site Location

HPNS is located in southeastern San Francisco on a peninsula that extends east into the San Francisco Bay (Figure 1). HPNS consists of 866 acres: 420 acres on land and 446 acres underwater in the San Francisco Bay. Parcel F comprises approximately 446 acres offshore of HPNS.

The finger piers (Finger Piers 1, 2, and 3 and associated Ship Berths 23 through 28, 30 through 35, and 37 through 42) are located in Parcel F and extend from Parcels D-1 and E (Figure 2). The finger piers extend a few feet inland from the water edge and include concrete surfaces and other infrastructure (e.g., open and closed manholes, metal grates, one small structure on the finger piers [not included in this scoping survey], other debris). The small structure is a single-room building located adjacent to Berth 38 approximately 8 by 16 feet constructed from concrete.

2.2 Site Description and History

The following radiological operations were performed at Finger Piers 1, 2, and 3 and associated Ship Berths 23 through 28, 30 through 35, and 37 through 42:

- Potential berthing of Operation Crossroads ships
- Potential berthing of YGN-73 radioactive waste disposal barge
- Potential berthing of YAG-39 and YAG-40 (support vessels used for on-scene support and research during weapons tests)

Radiological operations generally performed at HPNS that may have radiologically impacted the finger piers included the use of generally licensed radioactive material, including handling and refurbishment of radioluminescent devices. Other activities involving radioactive material included gamma radiography, and the radiological source checks of radiation detection instruments.

2.3 Radionuclides of Concern

As determined in the HRA (NAVSEA, 2004), the ROCs for this scoping survey included ^{226}Ra, ^{90}Sr, ^{137}Cs, and ^{239}Pu.

2.4 Previous Investigations and Removal Actions

There have been no previous investigations or removal actions at the finger piers.

2.5 Conceptual Site Model

Based on the information on past radiological activities and the results from previous surveys conducted at HPNS, a CSM was developed to describe the radiological conditions. The project objectives were developed based on the CSM.

A history of Navy radiological operations at HPNS is provided in the HRA (NAVSEA, 2004). Radioluminescent devices were used on ships and in shipyards to provide markers that could be seen under low-light conditions. These radioluminescent devices included ^{226}Ra or ^{90}Sr as a source of radioactivity to generate light. There is a low probability that intact radioluminescent devices could still be present at the finger piers. However, it is more likely traces of radioactivity from damaged, discarded, or lost devices could be present on surfaces associated with the finger piers, although the probability of residual radioactivity from radioluminescent devices is still low.

Ship berths were decontaminated and surveyed following maintenance and decontamination of radiologically impacted ships, as described in HRA Section 6.4.1 (NAVSEA, 2004). ROCs from radiologically impacted ships would include a mixture of fission products, activation products, and actinides. ^{137}Cs and ^{239}Pu were selected as ROCs most likely to be present and most likely to be detected as contamination at HPNS. Radioactivity from radiologically impacted ships is most likely to occur where ship surfaces could come into contact with piers. Surveys following decontamination operations failed to identify areas of elevated radioactivity, so the probability of residual radioactivity from radiologically impacted ships at the finger piers is low.

Radioactive wastes from Navy Radiological Defense Laboratory and ship decontamination activities were loaded on barges at HPNS and transported for disposal in the ocean. Radioactive wastes included sandblasting residue from ship decontamination activities, as well as waste from Navy Radiological Defense Laboratory laboratories and experiments (NAVSEA, 2004). Expected radiological waste

constituents include a mixture of fission products, activation products, and actinides. ^{137}Cs and ^{239}Pu were selected as representative ROCs for the radioactive waste material. Radioactive wastes were typically sealed in drums or other packages for transport and may have been staged on piers or alongside ship berths prior to loading the waste onto the barges. The potential for residual radioactivity at the piers from leaking waste packages is low. The most likely locations for residual radioactivity are horizontal surfaces adjacent to ship berths where the waste packages could have been staged prior to loading on the YGN-73 barge for disposal. Residual radioactivity also could have migrated from horizontal surfaces of the finger piers to subsurface areas such as manholes, grates, and access ports. Based on the HRA and the conceptual site model, there is no potential for residual radioactivity inside this structure; therefore, the structure interior was not included as part of this scoping survey.

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3.0 Scoping Survey Design

The objective of the radiological scoping surveys was to characterize potential residual radioactivity of the finger piers. A combination of scan surveys, static measurements at systematic and biased locations, and measurements of removable radioactivity at static measurement locations were performed.

3.1 Area Classification

In accordance with the HRA findings (NAVSEA, 2004), which state the current potential for contaminated media including soil, groundwater, structures, drainage systems, and surrounding air are low or none, the finger piers were classified as Class 2 areas in a MARSSIM framework (U.S. Environmental Protection Agency [EPA] et al., 2000). Class 2 areas are limited to a size between 2,000 and 10,000 square meters and meet the following criteria: (1) impacted, (2) low potential for delivering a dose above the release criterion, and (3) little or no potential for small areas of elevated activity.

The Parcel F finger piers consist of three Class 2 SUs (Figure 2). Table 2 includes SU locations, classifications, and descriptions.

3.2 Investigation Levels

The following subsections describe the ILs for the survey for each type of survey. Section 3.4 describes instrumentation used to collect gamma and alpha/beta measurements.

3.2.1 Gamma Scan Survey Investigation Level

The IL for gamma scan measurements was calculated as the average of gamma scan measurements in each survey unit (SU) plus three standard deviations, as clarified by FCR-003 (Appendix B). If a gamma scan survey result exceeded the IL, then that location was included in the surface area covered by the alpha/beta scanning survey. In addition, a one-minute follow-up gamma static measurement was conducted at locations that exceeded the gamma scan IL. The IL for gamma scan measurements was determined separately for the RS-700 and 3-inch by 3-inch sodium iodide (NaI) detectors.

3.2.2 Gamma Static Measurement Investigation Level

The IL for gamma static measurements was calculated as the average of 20 gamma static measurements for a similar material in an appropriate RBA plus three standard deviations. If a gamma static survey result exceeded the IL, then a follow-up in situ gamma spectroscopy measurement was conducted at that location. The IL for gamma static measurements was determined separately for the 3-inch by 3-inch sodium iodide (NaI) gamma scintillation detector coupled with a Ludlum Model 2221 ratemeter/scaler handheld instrument.

3.2.3 Alpha and Beta Scan Survey Investigation Levels

The ILs for alpha and beta scan measurements were the most conservative (i.e., lowest) of the release criteria provided in Table 1 for alpha and beta-emitting radionuclides. The alpha scan IL was 100 dpm/100cm^2 and the beta scan IL was 1,000 dpm/100cm^2 (Table 1). As stated in the approved Work Plan (APTIM, 2019), two-minute alpha and beta static counts were performed as part of the investigation of scanning results exceeding their respective IL, as needed.

3.2.4 Alpha and Beta Static and Smear Investigation Levels

The ILs for both alpha and beta static measurements were 50 percent of the most conservative of the release criteria provided in Table 1 for alpha and beta-emitting radionuclides. The alpha static IL was 50 dpm/100cm^2 and the beta static IL was 500 dpm/100cm^2.

The ILs for removable alpha and beta activity were the most conservative of the release criteria provided in Table 1 for alpha and beta-emitting radionuclides. The removable alpha activity IL was 20 dpm/100cm^2 and the removable beta activity IL was 200 dpm/100cm^2 (Table 1).

3.3 Review of Data Quality Objectives

DQOs are qualitative and quantitative statements developed to define the purpose of the data collection effort, clarify what the data should represent to satisfy this purpose, and specify the performance requirements for the quality of information to be obtained from the data. These outputs are used to develop a data collection design that meets the performance criteria and other design requirements and constraints. EPA specified a seven-step process to develop DQOs (EPA, 2006) which was adapted for use in

Multi-Agency Radiation Survey and Site Investigation Manual (MARSSIM) (MARSSIM; EPA et al., 2000). The following subsections summarize the DQOs for this project.

3.3.1 Step One—State the Problem

The HRA (NAVSEA, 2004) identified the Parcel F finger piers as radiologically impacted. Therefore, scoping surveys need to be completed.

3.3.2 Step Two—Identify the Decision

The decision to be made is as follows: "Are levels of residual radioactivity present at the Parcel F structures that would prevent unrestricted release?"

The following alternative actions will result from the resolution of the principle study question:

- If residual radioactivity is found during the radiological surveys at levels that would prevent unrestricted release of the site, then the Navy will be notified of the presence of residual radioactivity to determine the appropriate next steps for further investigation and the areas will be re-surveyed as Class 1 areas.
- If residual radioactivity is not found at levels that would prevent unrestricted release of the site during the radiological surveys, then no further investigation will be performed, and the radiological survey data will be presented in reports and used to support future site decisions for the Parcel F structures.

3.3.3 Step Three—Identify Inputs into the Decision

Radiological surveys included the following:

- Surface gamma scanning surveys for 100 percent for accessible surfaces of the finger piers
- Surface alpha/beta scanning surveys for 25 percent for accessible surfaces of the finger piers
- Static measurements for alpha/beta at a statistically determined number of systematic locations to estimate the average level of residual radioactivity
- Static measurements of alpha/beta or gamma activity at biased locations (as appropriate) to investigate survey results exceeding project ILs

- Measurements of removable alpha/beta activity collected at locations based on the highest static measurements of alpha/beta activity

In addition, solid samples of specified materials were collected to investigate sources of elevated count rates, as required.

3.3.4 Step Four—Define the Study Boundaries

The spatial boundaries for this study are the Parcel F finger piers (Figure 2). The vertical boundary of the project area was limited to the upper surface of the pier. The horizontal boundary was defined by the concrete surfaces forming the finger piers.

3.3.5 Step Five—Develop a Decision Rule

If the results of the survey were consistent with the release criteria (Table 1), then the radiological survey data were presented in reports and used to support future decisions for the Parcel F structures.

If the results of the survey exceed the screening criteria, the site was to be further investigated as described in the decision rules.

- The IL for gamma scan measurements is the average of gamma scan measurements for a SU plus three standard deviations (FCR-003; Appendix B). If a gamma scan survey result exceeds the IL, that location will be included in the surface area covered by the alpha/beta scanning survey. The IL for gamma scan measurements will be determined separately for the RS-700 and gamma scintillator handheld radiation detection instruments.
- The IL for alpha/beta static measurements is 50 percent of the most conservative release criteria provided in Table 1 for alpha and beta-emitting radionuclides. If an alpha or beta static count result exceeds the corresponding IL, the static count will be repeated to confirm the result. If the confirmatory result exceeds the corresponding IL, the APTIM Project Manager and the Project Radiation Safety Officer (PRSO) will be notified that an area of elevated alpha or beta activity has been identified. The APTIM Project Manager and/or the PRSO will notify the Navy.
- The IL for removable alpha or beta activity is the most conservative release criteria provided in Table 1 for alpha and beta-emitting radionuclides. If a removable measurement result for alpha or beta exceeds the IL, a notification

will be made to the APTIM PRSO. The APTIM Project Manager and/or the PRSO will notify the Navy.

3.3.6 Step Six—Specify Limits on Decision Errors

Limits on decision errors are set at 5 percent.

3.3.7 Step Seven—Optimize the Design for Obtaining Data

Operational details for the radiological survey process have been developed, as further discussed in Work Plan Section 7.0 (APTIM, 2019). The theoretical assumptions are based on guidelines contained in MARSSIM (EPA et al., 2000).

3.4 Types of Measurements, Instrument Selection, and Minimum Detectable Concentrations

The following subsections describe the types of measurements performed during the survey, the instruments used for the survey, and the minimum detectable concentrations (MDCs) for the chosen instruments (if applicable). Table 3 provides the types of instruments used in this survey.

3.4.1 Gamma Scan Surveys

The gamma scan surveys were performed for 100 percent of the accessible areas for SUs 4, 5, and 6 using the RS-700 or the 3-inch by 3-inch NaI gamma scintillation detector. The RS-700 survey was utilized for most of the horizontal surfaces, while the 3-inch by 3-inch NaI gamma scintillation detector was used for areas inaccessible to the RS-700.

3.4.2 Gamma Static Measurements

One-minute gamma static measurements were performed at biased locations with the 3-inch by 3-inch NaI gamma scintillation detector.

3.4.3 In Situ Gamma Spectroscopy

The approved Work Plan (APTIM, 2019) stated in situ gamma spectroscopy measurements would be collected at locations exceeding the gamma static IL. No locations on the finger piers exceeded the gamma static IL; so no in situ gamma spectroscopy measurements were performed.

3.4.4 Alpha/Beta Scan Surveys

The alpha/beta scan measurements were performed using portable contamination survey instruments, specifically, the Ludlum Model 43-37 gas flow proportional "floor monitor" detector coupled with a Ludlum Model 2360 scaler/ratemeter. For this project, six-second static counts were performed to cover the necessary area (25 percent of accessible surfaces). In this report, these six-second static counts will be referred to as "scans" or "scan measurements" for consistency.

Preference for scanning was given to potential contamination concentration areas such as ship berthing locations, concrete joints and cracks, and drainage locations. This survey area also included accessible edges of penetrations through the finger piers (including manholes, grates, etc.). Locations that exceeded the gamma scan IL were included in these scans.

Since six-second static counts were performed instead of scans, the static MDC equation was used to calculate instrument MDCs for this survey. The static MDC is the level of radioactivity practically achievable by the overall measurement process. The following equation, from the *Multi-Agency Radiation Survey and Assessment of Materials and Equipment* (MARSAME, USEPA 2009) Table 7.6 Equation 4, is used to calculate instrument MDC in units of dpm/100 cm^2 when the background and sample were counted using the different time intervals:

$$MDC = \frac{\frac{\left(z_{1-\alpha} + z_{1-\beta}\right)^2}{4}\left(1 + \frac{t_S}{t_B}\right) + \left(z_{1-\alpha} + z_{1-\beta}\right)\sqrt{N_B \frac{t_S}{t_B}\left(1 + \frac{t_S}{t_B}\right)}}{\varepsilon_i \varepsilon_s t_S \frac{W_A}{100}}$$

Where:

$z_{1-\alpha}$ = quantile of the standard normal distribution for α (1.645 for α=0.05)
$z_{1-\beta}$ = quantile of the standard normal distribution for β (1.645 for β=0.05)
t_S = sample counting time (0.1 minutes for scans)
t_B = background counting time (40 minutes)
N_B = number of background counts during background counting time
ε_i = instrument efficiency (counts per particle)
ε_s = surface efficiency (particles per disintegration, 0.25 for α, 0.5 for β)
W_A = active area of the detector window (cm^2; 584 cm^2 for the "floor monitor" detector)

In this equation, W_A is the size of the "active" area of the detector window. If the area of the detector window does not equal 100 cm^2, it is necessary to convert the detector response to units of dpm/100 cm^2. Values for N_B are detector-specific and surface material-specific, and values were calculated for concrete and metal surfaces at the finger piers. Values for ε_i are instrument-specific, and seven different "floor monitor" detectors were used during the scoping surveys of the finger piers.

MDCs during scan surveys for these detectors ranged from 173 to 198 dpm/100 cm^2 for alpha activity on concrete, and from 283 to 321 dpm/100 cm^2 for beta activity on concrete.

The scan MDC for alpha activity measured in the field exceeded the planned scan MDC of 86 dpm/100 cm^2 for alpha (from Work Plan Table 5) by more than a factor of two and exceeded the release criterion of 100 dpm/100 cm^2 for alpha activity by a factor of two. The alpha background on concrete ranged from 15.4 cpm to 34.5 cpm compared with the estimated background of 3.3 cpm used for planning. This difference in alpha background levels was the main contributor to the increased MDCs.

The scan MDC for beta activity measured in the field was lower than the planned scan MDC, as conservative assumptions were used for the calculations during the planning of the surveys, and a more realistic surface efficiency was used when interpreting the results. The beta background on concrete ranged from 760.8 cpm to 1087.5 cpm compared with the estimated background of 601 cpm used during planning. The total efficiency determined for the field instruments ranged from 0.190 to 0.207 compared with the planned value of 0.08. The higher total efficiency used for beta scan measurements offset the higher beta background measured in the field.

The "floor monitor" detectors used to perform scan measurements of the finger piers were capable of detecting beta radiation at levels less than the release criteria. However, these detectors could not detect alpha radiation at levels below the release criteria. Table 4 provides calculated MDCs for each detector used for alpha and beta scan surveys.

3.4.5 Alpha/Beta Static Measurements

The two-minute alpha/beta static measurements were performed using the Ludlum Model 43-37 gas flow proportional "floor monitor" detector coupled with a Ludlum Model 2360 scaler/ratemeter. At least 54 static measurements were collected at systematic locations within each SU. The random-start triangular grid systematic locations were

selected through the use of a map and a random starting point. Figures 3, 4, and 5 display the systematic locations for alpha and beta static measurements in SUs 4, 5, and 6, respectively.

In addition, follow-up biased alpha/beta static measurements were performed at the highest alpha/beta scan locations in each SU to investigate the locations with the highest potential for elevated radioactivity. A minimum of 20 biased alpha and beta measurement locations were identified in each SU. Figures 24, 25, and 26 show the biased alpha and beta static measurement locations in SUs 4, 5, and 6, respectively.

MDCs were calculated for each detector using the same equation and parameters listed in Section 3.4.4, except with sample count times increased from six seconds to two minutes. Other parameters remained unchanged. MDCs for static measurements for these detectors ranged from 27 to 35 dpm/100 cm^2 for alpha activity on concrete, and from 60 to 69 dpm/100 cm^2 for beta activity on concrete. The MDC for static measurements for the detector used on metal surfaces was 16 dpm/100 cm^2 for alpha activity on concrete, and 45 dpm/100 cm^2 for beta activity. For comparison, the a priori estimates of MDCs for the "floor monitor" detector listed in the Work Plan (APTIM, 2019) were 21.5 dpm/100 cm^2 for alpha activity and 184 dpm/100 cm^2 for beta activity.

The alpha static MDC values were less than the IL of 50 percent of the release criterion of 100 dpm/100 cm^2. The increased site background compared to the previously expected background had the largest impact on the increased alpha static MDC similar to the increase in the alpha scan MDC.

The beta static MDC values were less than the IL of 50 percent of the release criterion of 1,000 dpm/100 cm^2. The increased total efficiency had the largest impact on the decreased beta static MDC similar to the beta scan MDC.

The "floor monitor" detectors used to perform static measurements in the finger piers were capable of detecting radioactivity at levels less than the release criteria.

Table 4 provides calculated MDCs for each detector used for static measurements in the finger piers.

3.4.6 Alpha/Beta Smear Measurements

Smears were collected at each total alpha and total beta static measurement location. Smears were counted with a Ludlum Model 2929 sample counter.

The following equation is used to calculate smear MDC values in units of dpm/100 cm^2 when the background and sample were counted using different time intervals:

$$MDC = \frac{\frac{(z_{1-\alpha} + z_{1-\beta})}{4}\left(1 + \frac{t_S}{t_B}\right) + (z_{1-\alpha} + z_{1-\beta})\sqrt{N_B \frac{t_S}{t_B}\left(1 + \frac{t_S}{t_B}\right)}}{\varepsilon_t t_S \frac{W_A}{100}}$$

Where:

$z_{1-\alpha}$ = quantile of the standard normal distribution for α (1.645 for α=0.05)
$z_{1-\beta}$ = quantile of the standard normal distribution for β (1.645 for β=0.05)
t_S = sample counting time (1 minute)
t_B = background counting time (10 minutes)
N_B = number of background counts during background counting time
ε_t = total efficiency (counts per particle)
W_A = area covered by smear (cm^2)

In this equation, W_A is the area covered by the smear. If the area of the smear does not equal 100 cm^2, it is necessary to convert the detector response to units of dpm/100 cm^2. Values for N_B are detector-specific and smear material-specific. Values for ε_t are instrument-specific and radiation-specific and are obtained from the instrument calibration sheet.

MDCs for this instrument were 12 dpm/100 cm^2 for alpha activity and 70 dpm/100 cm^2 for beta activity for smear measurements. Table 4 provides calculated MDCs for the smear counter.

The release criteria for removable radioactivity listed in Table 1 are 20 dpm/100 cm^2 for alpha and 200 dpm/100 cm^2 for beta. The alpha smear MDC is 60 percent of the release criterion, and the beta smear MDC is 35 percent of the release criterion. The Ludlum Model 2929 sample counter was capable of detecting removable radioactivity at levels less than the release criteria.

3.4.7 Solid Sample Collection and Laboratory Analysis

Concrete samples were collected to provide supplemental information to support the characterization of locations with identified elevated alpha activity based on the results from the alpha static measurements. Samples were analyzed for ^{137}Cs and ^{226}Ra by gamma spectroscopy analysis and ^{239}Pu by alpha spectroscopy in accordance with the sampling and analysis plan (SAP; Work Plan Appendix A [APTIM, 2019]) to identify the

source of the elevated alpha activity and determine the extent of the area of elevated activity. The samples were also analyzed for total strontium.

4.0 Survey Instrumentation

Commercially available radiation detection and measurement instrumentation were selected based on reliable operation, detection sensitivity, operating characteristics, and expected performance in the field. Radiological survey instruments suitable for the physical and environmental conditions at the site were selected. Table 3 provides details about the selected instruments. The instruments and measurement methods selected were suitable for detection of project ROCs (^{137}Cs, ^{239}Pu, ^{226}Ra, and ^{90}Sr) with sensitivity (i.e., detection limits) that were below applicable survey criteria based on initial site assumptions, except as noted in Section 3.4.4. The PRSO verified the instrument capabilities.

4.1 Instrument Calibration

At a minimum, calibrations of radiation detection instruments were performed annually and after major repairs. Calibration was performed by a qualified vendor with National Institute of Standards and Technology (NIST) traceable sources.

4.2 Instrument Operational Checks

APTIM operational procedures included in the Radiation Protection Plan, Radiological Work Tasks, Remedial Action and Maintenance of Remedies at Hunters Point Naval Shipyard, San Francisco, California (APTIM, 2017a) or equivalent subcontractor procedures, reviewed and approved by APTIM, were used for field instruments to verify the equipment was operating properly and used correctly in the field to produce accurate and reliable data. Field instrument checks verified instrument response and were performed at the beginning and end of each day of use. If the field instrument checks revealed the instrument was outside established response tolerances, the instrument was marked “out of service.” If necessary, the instrument was returned to the manufacturer for immediate repair and servicing. The APTIM PRSO evaluated surveys performed with an instrument that failed post-use operational (background and/or source response) checks and the data were re-collected with an equivalent instrument.

At a minimum, calibration records contain the following information:

- Instrument name and identification number (e.g., model and serial number)
- Manufacturer
- Date of calibration

- Calibration due date
- Name of company and person performing the calibration
- Calibration points
- Results of the calibration
- Calibration source documentation (e.g., serial number, certification, radionuclides)

4.3 Instruments for the Measurement of Gamma Surface Activity

Gamma surface scans were performed using the RS-700 as a towed array. A 3-inch by 3-inch NaI detector was used for areas that were not accessible to the RS-700.

4.3.1 RS-700 Large Area Sodium Iodide

The RS-700 consists of an RSI RS-701 integrated controller and data acquisition system, a digital gamma ray spectrometer/multi-channel analyzer, a data controller, two RSX-1 4-liter (256 cubic inch) NaI gamma scintillation detectors, an internal global positioning system (GPS), and an external high-resolution Trimble Pro XH GPS receiver. The system is operated using the RS-700 RSI "RadAssist" software, which displays real-time data collection, both as a NaI spectrum and as count rates. Radiation and location information are collected by the system at a very high data transfer rate (nominally one data point per second) and stored in an uncorruptible data file for real-time feedback and data validation/post-processing. The system operator receives real-time feedback using waterfall plots of total response and geo-referenced mapping of relative radiation concentrations.

4.3.2 3-Inch by 3-Inch Sodium Iodide

The handheld gamma scan equipment consists of a Ludlum Model 44-20 3-inch by 3-inch NaI gamma scintillation detector coupled with a Ludlum Model 2221 ratemeter/scaler. Position correlation of the gamma scan results is provided by a high-resolution GPS receiver. Static measurements were collected using a Ludlum Model 44-20 3-inch by 3-inch NaI gamma scintillation detector coupled with a Ludlum Model 2221 ratemeter/scaler handheld instrument.

4.4 Instruments for the Measurement of Alpha/Beta Surface Activity

Measurements of total alpha and total beta radiation were performed over 25 percent of accessible surface area as part of this survey. Total alpha and total beta radiation were measured using scans and static measurements using a Ludlum Model 43-37 gas proportional detector connected to a Ludlum Model 2360 ratemeter/scaler.

4.4.1 Instrument Efficiency

The instrument efficiency (ε_i) is defined as the ratio between the net count rate (cpm) of the instrument and the surface emission rate of the calibration source for a specified geometry. The surface emission rate is the 2π particle fluence affected by both the attenuation and backscatter of the radiation emitted from the calibration source.

The following equation was used to calculate the instrument efficiency in counts per particle, although efficiency is typically reported unitless.

$$\varepsilon_i = \frac{R_{S+B} - R_B}{q_{2x}\left(\frac{W_A}{S_A}\right)}$$

Where:

ε_i = instrument efficiency (count per particle)
R_{S+B} = the gross count rate of the calibration measurement (cpm)
R_B = the background count rate (cpm)
q_{2x} = surface emission rate of the calibration source (NIST-traceable) (particles per minute)
W_A = active area of the detector window (cm^2)
S_A = area of the source (cm^2)

The instrument efficiency was determined by obtaining static counts with the detector over a calibration source that has an NIST-traceable surface emission rate. The 2π particle fluence rate was corrected for decay, attenuation, and scatter. Then the surface emission rate of the source was corrected for the area subtended by the probe. For example, the beta efficiency based on a NIST-traceable ^{90}Sr plate source for Ludlum Model 2360 (serial No. 245779) equipped with a Ludlum Model 43-37 probe (serial No. PR190618) is provided as follows:

$$\varepsilon_i = \frac{(96{,}473\ \text{cpm}) - (648\ \text{cpm})}{(231{,}840\ \text{particles per minute})} = 0.413\ \text{counts per particle}$$

Factors that can also affect the instrument's efficiency are discussed as follows:

- **Efficiency Check Sources**—Efficiency check sources that emit alpha or beta radiation with energies similar to those expected from the contaminant were used in the field (thorium-230 and ^{90}Sr).
- **Source Geometry Factors**—Instrument efficiency was determined with an efficiency check source with an area smaller than the Ludlum Model 43-37 probe, so the source was placed at three different positions to cover the entire surface of the probe. A conversion factor was applied to account for the active region of the probe relative to the area of the check source.
- **Source-to-Detector Distance**—The detector efficiency was calculated at a source-to detector distance the same as the detector-to-surface distance used in the field. The probe was placed directly on the surface for scan and static measurements, so one efficiency was developed for both types of measurements.

4.4.2 Surface Efficiency (ε_s) for Surface Activity Measurements

The surface efficiency is defined as the ratio between the 2π surface emission rate of a source and the number of particles created or released within the source or the saturation layer thickness per unit time. International Organization for Standardization (ISO) (2016) Publication No. ISO-7503-1 and U.S. Nuclear Regulatory Commission (NRC) (1998) Publication No. NUREG-1507 provides conservative recommendations for surface efficiencies. ISO-7503-1 recommends a surface efficiency of 0.5 for maximum beta energies exceeding 0.4 megaelectron volts (MeV) and 0.25 for beta energies between 0.15 and 0.4 MeV and for alpha emitters. NUREG-1507 provides surface efficiencies based on studies performed for the NRC. In general, NUREG-1507

indicates that the ISO rule-of-thumb for surface efficiencies is conservative, particularly for beta-emitting radionuclides with endpoint energies between 0.25 and 0.4 MeV. ^{137}Cs has a beta endpoint energy of 0.514 MeV, ^{90}Sr has a beta endpoint energy of 0.546 MeV, and yttrium-90 has a beta endpoint energy of 2.28 MeV. Therefore, a surface efficiency of 0.5 was used for maximum beta energies exceeding 0.4 MeV and a surface efficiency of 0.25 was used for alpha emitters.

4.4.3 Calculation of Surface Activity

Calculations of surface activity (A) in units of dpm/100 cm^2, were performed according to the following equation provided in ISO-7503-1 (ISO, 2016):

$$A = \frac{R - B}{(\varepsilon_i)(\varepsilon_s)\left({}^{W}/_{100}\right)}$$

Where:

R = detector count rate (cpm)
B = background count rate (cpm)
ε_i = instrument 2π efficiency (unitless)
ε_s = surface or source efficiency (unitless)
W = physical probe area (cm^2)

Detector blank count rates were calculated using background reference area data. Table 3 provides the equipment used to perform surface activity measurements.

4.5 Instrument for Measurement of Smear Samples

Removable alpha and beta radiation were measured using smears counted using a Ludlum Model 2929 sample counter. Table 3 describes the sample counter uses a dual phosphor detector for the radiation detector.

Calculations of removable surface activity using smears was calculated using the following equation:

$$A = \frac{R - B}{\varepsilon_T\left({}^{W}/_{100}\right)}$$

Where R, B, and W are the same variables used for calculating surface activity, and ε_T is the total efficiency determined for the smear counter using a NIST-traceable standard.

Count times for smears were set at 1 minute for surface smear measurements and 10 minutes for background measurements. Table 4 provides actual instrument parameters determined in the field.

5.0 Radiological Scoping Survey Field Activities and Results

The following subsections present the radiological scoping survey field activities and results.

5.1 Pre-Fieldwork Activities

The following subsections discuss pre-fieldwork activities.

5.1.1 Permitting and Notification

APTIM obtained the necessary authorizations from the HPNS Caretaker Site Office (CSO) and the Resident Officer in Charge of Construction (ROICC) for performing the work at the Parcel F structures. Prior to initiation of field activities for the finger piers, APTIM notified the Navy Remedial Project Manager (RPM), ROICC, CSO, appropriate fire department personnel, and HPNS security as to the nature of the anticipated work.

Notifications were made by APTIM to the California Department of Public Health and the NRC at least 14 days prior to initiation of activities involving the radiological materials licenses.

5.1.2 Meetings

Prior to mobilization, a pre-construction and mutual understanding meeting was held on July 24, 2018. The meeting attendees included the Navy RPM, the ROICC, the CSO representative, and APTIM personnel. The purpose of the meeting was to develop a mutual understanding of the field activities and the contractor quality control (QC) details, including forms to be used, administration of on-site work, and coordination of the construction management and production.

Contractor QC meetings were held on a weekly basis throughout the course of fieldwork. Per *Unified Facilities Guide Specifications,* Section 01 45 00.00 20, “Quality Control,” (Naval Facilities Engineering Command, 2017) at a minimum, the Project QC Manager conducted and attended these meetings with the project team, including subcontractor and vendor representatives, as appropriate. The Navy team, including the RPM, ROICC, and CSO attended, as appropriate.

Daily tailgate safety meetings were held each day on site before starting work. The Site Safety and Health Officer held the meetings, or his or her qualified designee, and covered various safety issues. Field staff, including subcontractors, attended these meetings and signed a tailgate safety meeting form. Any subcontractor, inspector, agency, or Navy personnel that visited the site during the course of the day was required to review and sign the tailgate form prior to entering the work site.

5.2 Mobilization and Site Preparation

Mobilization occurred on August 12, 2019, and included site preparation, movement of equipment and materials to the site, and orientation and training of field personnel. Site-specific training included radiological safety awareness. At least two weeks prior to mobilization, the appropriate Navy personnel, including the Navy RPM, ROICC, and CSO, were notified regarding the planned schedule for mobilization and site scoping activities. APTIM personnel and subcontractors acquired badges by the San Francisco Redevelopment Agency during mobilization.

Upon receipt of the appropriate records and authorizations, field personnel, temporary facilities, and required construction materials were mobilized to the jobsite. The temporary facilities included restroom(s), hand washing station(s), security fencing, and one secure storage (conex) box for short- and long-term storage of materials.

5.2.1 Field Observations and Photographic Documentation

Field observations were recorded in the project logbooks and daily reports. Photographs of the site were collected during field operations, developed, and kept in the electronic project file. The photographs were sorted by date, with descriptions of the location and activities shown in each photograph, and are provided in the “Photograph Log” (Appendix C).

5.2.2 Material Handling and Storage Areas

Radioactive waste was minimized by compliance with contamination control work practices combined with survey practices. Radiological areas and postings are further described in the *Radiation Protection Plan, Radiological Work Tasks, Remedial Action and Maintenance of Remedies at Hunters Point Naval Shipyard, San Francisco, California* (APTIM; 2017a). No radiologically controlled area was required for this work effort.

5.2.3 Site Preparation of Survey Areas

The finger piers were partially covered with a small layer of dust and debris consisting primarily of broken shells mixed with bird droppings and trash. The horizontal surfaces of the finger piers were swept to obtain a debris-free smooth surface to facilitate alpha/beta surveys. Sweeping was performed using a mechanical sweeper for large open areas and hand brooms for smaller areas and spot cleaning as needed. Larger debris was moved as required to access survey areas. No dust or debris was removed from the site.

Appropriate personal protective equipment and engineering controls were used to perform the work safely as described in the *Accident Prevention Plan, Radiological Work Tasks, Remedial Action and Maintenance of Remedies at Hunters Point Naval Shipyard, San Francisco, California* (APTIM, 2017b) and included fall protection and personal flotation devices.

5.3 Data Collection Activities and Results

Radiological scoping survey activities took place from August 12 through November 22, 2019. Additional alpha/beta surveys were also performed on March 10 through 11, 2020.

Gamma scans were conducted of 100 percent of horizontal accessible surfaces using the instrumentation described in Section 3.4.1. Alpha/beta scans were conducted over at least 25 percent of surfaces in each SU using the instrumentation described in Section 3.4.4. Systematic alpha/beta static measurements and smears were collected at pre-determined systematic locations throughout each SU. Biased measurements were collected at the highest scan locations.

5.3.1 Reference Background Areas

As stated in Section 3.4.4 of this report, the alpha activity on concrete RBA behind Building 810 was significantly different from the alpha background activity used during planning. Differences between the proposed Building 810 RBA and the beta and gamma activity in the Finger Piers were also noted. The original concrete RBA behind Building 810 was determined to not adequately represent background in the Finger Piers; therefore, multiple potential RBAs in non-impacted areas were investigated.

A concrete pad in Parcel C was selected as the RBA for alpha/beta measurements with approval from the Navy. This RBA was selected because the concrete was most similar

in nature to the concrete on the Finger Piers, and it was non-impacted because it was constructed after the radiological operations occurred, as described in Section 2.2. A small concrete pad adjacent to the Submarine Pens Drydock 7 was selected as the RBA for gamma measurements with approval from the Navy. This RBA was selected because the concrete was similar in nature to the concrete in the Finger Piers and was discovered after alpha/beta data collection was completed. This small pad was non-impacted because it was separate from the Submarine Pens and the Finger Piers and could not have been used for ship repair or other radiological operations due to its small size. The same survey methods and equipment that were used for conducting a survey were used for the RBA data collection. Gamma static measurements collected from the RBA were used for comparison to the survey data, as needed alpha/beta material-specific backgrounds were established for each instrument based on measurements performed in the RBA. Table 5 provides a summary of the RBA data and calculation of survey ILs. Appendix D lists the RBA data and provides an evaluation of the data collected.

Two concrete samples were collected from concrete dust/debris generated during the scabbling of horizontal surfaces in SU 6 per FCR-004. One composite sample (F-B01-S001) was collected from the concrete dust/debris generated from scabbling from the top surface (depth of 0 – 1/8 inches), and one sample (F-B01-S002) was collected from debris generated from scabbling at depth (approximately ½ inch). Samples were analyzed for ^{137}Cs and ^{226}Ra by gamma spectroscopy analysis and ^{239}Pu by alpha spectroscopy in accordance with the SAP (Work Plan Appendix A [APTIM, 2019]) to identify the source of the elevated alpha activity and determine the extent of the area of elevated activity. The samples were also analyzed for total strontium.

5.3.2 Gamma Survey

Gamma scan surveys were performed to identify areas of elevated gamma radioactivity that could have resulted from residual radioactivity from radioluminescent devices or other sources of gamma radiation. Areas of elevated gamma scan activity were included in the areas covered by the alpha and beta scan surveys.

Gamma scan surveys were performed over 100 percent of the accessible areas for SUs 4, 5, and 6 using the RS-700 or a 3-inch by 3-inch NaI detector. The RS-700 survey was used for most of the finger pier surfaces, while a 3-inch by 3-inch NaI detector was used for areas inaccessible to the RS-700.

Accessible horizontal surfaces were scanned using the RS-700 with the detector suspended 10 cm (4 inches) over the surface being investigated at a scan speed of 1 meter per second or less. For areas inaccessible to the RS-700, a 3-inch by 3-inch NaI gamma scintillation detector was used to perform the scan survey. The 3-inch by 3-inch NaI detector was suspended no greater than 15 cm (6 inches) over the surface being investigated, moving at a speed of 0.5 meter per second or less. The gamma count rates and the GPS positions were recorded.

The following subsections describe the gamma survey results for each SU.

5.3.2.1 Gamma Scan Survey Results

Gamma scans were performed over 100 percent of the accessible surfaces of each SU. Appendix F presents gamma scan survey data.

Scan data were processed as follows:

- The mean and standard deviation of the gamma scan data from each gamma detector used in a given SU was calculated.
- The location of the highest gamma count rate per SU was determined.
- The difference between each data point and the average of the data points was calculated and divided by the standard deviation of the SU measurement set. This converted the measurements to multiples of the standard deviation above or below the average count rate of the SU (z-scores). The z-scores were plotted as color-coded filled contours for visual review and evaluation, where the color-coding was based on multiples of SU standard deviation.
- Areas exhibiting a z-score greater than three were further investigated. The color-coded geospatial plot was visually inspected to identify anomalies in the distribution of measurement data.

5.3.2.1.1 Survey Unit 4

SU 4 consisted of horizontal surfaces of Finger Pier 1, which included Ship Berths 23 through 28. SU 4 also contained manholes and grates (Figure 6). After the gamma scan data were collected and processed, a total of 16 locations exceeded the gamma scan IL. Figures 7 and 8 present the gamma scan results for concrete surfaces and manholes/grates, respectively.

5.3.2.1.2 Survey Unit 5

SU 5 consisted of horizontal surfaces of Finger Pier 2, which included Ship Berths 30 through 35. SU 5 also contained manholes and grates (Figure 9). After the gamma scan data were collected and processed, a total of 37 locations exceeded the gamma scan IL. Figures 10 and 11 present the gamma scan results for concrete surfaces and manholes/grates, respectively.

5.3.2.1.3 Survey Unit 6

SU 6 consisted of horizontal surfaces of Finger Pier 3, which included Ship Berths 37 through 42. SU 3 also contained manholes and grates (Figure 12). After the gamma scan data were collected and processed, a total of 39 locations exceeded the gamma scan IL. Figures 13 and 14 present gamma scan results for concrete surfaces and manholes/grates, respectively.

5.3.2.2 Gamma Biased Static Measurement Results

One-minute gamma static measurements were collected at gamma scan locations that exceeded the gamma scan IL, as described in Section 3.2.1. Static measurements were evaluated in comparison to the gamma static IL, as described in Section 3.2.2. Table 6 summarizes gamma biased static measurement results. Appendix F presents gamma biased static survey data.

5.3.2.2.1 Survey Unit 4

Gamma static measurements were performed at the 16 locations that exceeded the gamma scan IL. None of these static measurements exceeded the gamma static IL. Figure 15 presents the gamma static results. Table 6 provides gamma static measurement statistics.

5.3.2.2.2 Survey Unit 5

Gamma static measurements were performed at the 37 locations that exceeded the gamma scan IL. None of these static measurements exceeded the gamma static IL. Figure 16 presents the gamma static results. Table 6 provides gamma static measurement statistics.

5.3.2.2.3 Survey Unit 6

Gamma static measurements were performed at the 39 locations that exceeded the gamma scan IL. None of these static measurements exceeded the gamma static IL. Figure 17 presents the gamma static results. Table 6 provides gamma static measurement statistics.

5.3.3 Alpha/Beta Surveys

Alpha and beta surveys included scans, static measurements, and smear measurements consistent with MARSSIM guidance (EPA et al., 2000) for Class 2 surveys. The following subsections provide alpha/beta survey activities and results. Appendix G presents alpha/beta survey data.

5.3.3.1 Alpha/Beta Scan Surveys

Alpha and beta scans were performed over at least 25 percent of the area of each SU. Figure 2 shows the boundary for the SUs. Alpha/beta scans included locations where the gamma scan results exceeded the corresponding gamma scan IL.

Manholes and grates were investigated during the survey of the finger piers. Each manhole was opened (if possible) and alpha/beta measurements were collected to the extent practicable. Alpha/beta scanning was performed (as practicable) in each accessible manhole. Confined space entry and heavy lifts were not conducted; personnel did not enter manholes or other confined spaces.

As discussed in Section 3.2.3, the IL for alpha/beta scan measurements was the most conservative release criteria provided in Table 1 for alpha and beta-emitting radionuclides. If an alpha or beta scan measurement exceeded the corresponding IL, the Work Plan (APTIM, 2019) stated static measurements would be collected as part of investigations. A total of 3,864 locations on concrete surfaces, manholes, and grates exceeded the alpha scan IL. To confirm these results, static measurements were collected from the 20 highest scan measurement locations in each SU. This investigation approach was selected because the scan MDC for alpha radiation exceeded the release criterion resulting in a large number of scan results that exceeded the IL in each SU. Section 7.3 recommends further investigation of the finger piers.

The following subsections and Table 7 summarize the alpha/beta scan survey results.

5.3.3.1.1 Survey Unit 4

The approximate size of SU 4 was 7,166 m^2. A total of 32,721 alpha/beta scan measurements were performed over the accessible horizontal surfaces of SU 4. Each scan measurement represents 0.0584 m^2 (detector active area of 584 cm^2) so the 32,721 measurements represent 27 percent of the SU. A total of 2,229 measurements (7 percent) exceeded the alpha release criterion of 100 dpm/100 cm^2. A total of 127 measurements (0.4 percent) exceeded both the alpha release criterion and the instrument MDC listed in Table 4. No measurements exceeded the beta release criterion of 1,000 dpm/100 cm^2.

Figures 18 and 19 present the SU 4 alpha and beta scan measurements, respectively.

5.3.3.1.2 Survey Unit 5

The approximate size of SU 5 was 7,996 m^2. A total of 37,949 alpha/beta scan measurements were performed over the accessible horizontal surfaces of SU 5 representing 28 percent of the SU. A total of 1,286 measurements (3 percent) exceeded the alpha release criterion of 100 dpm/100 cm^2. A total of 72 measurements (0.2 percent) exceeded both the alpha release criterion and the instrument MDC listed in Table 4. No measurements exceeded the beta release criterion of 1,000 dpm/100 cm^2.

Figures 20 and 21 present the SU 5 alpha and beta scan measurements, respectively.

5.3.3.1.3 Survey Unit 6

The approximate size of SU 6 was 3,161 m^2. A total of 16,793 alpha/beta scan measurements were performed over the accessible horizontal surfaces of SU 6 representing 31 percent of the SU. A total of 349 measurements (2 percent) exceeded the alpha release criterion of 100 dpm/100 cm^2. A total of 15 measurements (0.09 percent) exceeded both the alpha release criterion and the instrument MDC listed in Table 4. No measurements exceeded the beta release criterion of 1,000 dpm/100 cm^2.

Figures 22 and 23 present the SU 6 alpha and beta scan measurements, respectively.

5.3.3.2 Alpha/Beta Systematic Static Measurements

Alpha/beta static measurements consisted of two-minute measurements with the “floor monitor” detector, as described in Section 3.4.5. At the completion of each

measurement, the alpha and beta results were recorded and compared to the release criteria presented in Table 1.

Two-minute static measurements were collected at a minimum of 54 systematic locations per SU, and at biased locations as part of investigations of scanning results exceeding the IL, as needed. A minimum of one static measurement was collected from each accessible manhole.

At least 54 two-minute alpha/beta systematic static measurements were collected per SU. Fifty-four systematic static alpha and beta measurements were each collected from SUs 4 and 5, and 61 systematic static measurements were collected from SU 6. None of the measurements exceeded the alpha or beta release criteria. Table 8 summarizes these results.

5.3.3.3 Alpha/Beta Biased Static Measurements

Biased alpha/beta static measurements were collected in SUs 4, 5, and 6 at locations that exceeded the alpha/beta scan ILs as described in Section 3.2.3. Based on professional judgment, one biased alpha/beta static measurement was also collected in each accessible manhole and grate (as applicable) in each SU as a location where residual radioactivity was most likely to be found. The following subsections discuss the results.

5.3.3.3.1 Survey Unit 4

Two-minute biased static measurements were collected at the 20 highest alpha scan measurement locations in SU 4 (Figure 24). A total of 20 two-minute biased static measurements were collected in SU 4 on manhole/grate surfaces. None of the biased static measurements exceeded either the alpha or beta release criteria. Table 9 summarizes these results.

5.3.3.3.2 Survey Unit 5

Two-minute biased static measurements were collected at the 20 highest alpha scan measurement locations in SU 5 (Figure 25). A total of 18 two-minute biased static measurements were collected in SU 5 on manhole/grate surfaces. None of the biased static measurements exceeded either the alpha or beta release criteria. Table 9 summarizes these results.

5.3.3.3.3 Survey Unit 6

Two-minute biased static measurements were collected at the 20 highest alpha scan measurement locations in SU 6 (Figure 26). A total of 13 two-minute biased static measurements were collected in SU 6 on manhole/grate surfaces. None of the biased static measurements exceeded either the alpha or beta release criterion. Table 9 summarizes these results.

5.3.3.4 Alpha/Beta Smear Measurements

Smears were collected over a 100 cm^2 area at each location in SUs 4, 5, and 6 where a total alpha and total beta static measurement was performed (systematic and biased static locations). Smears were not collected from grates. Smears were quantitatively counted with a Ludlum Model 2929 or Ludlum Model 3030 sample counter.

None of the removable alpha/beta measurements in SUs 4, 5, and 6 exceeded the release criteria. Tables 10 and 11 summarize the results for smears collected at systematic and biased locations, respectively.

5.3.4 Solid Sample Collection and Laboratory Analysis

Three concrete chip samples were collected to support the characterization of locations that were initially identified as exhibiting elevated alpha activity, based on the elevated results from the alpha/beta static survey. Final data evaluation of the results confirmed the three locations did not exceed the alpha static release criterion; however, the samples were analyzed by the laboratory and are included in this report. Figure 27 shows concrete sample locations for SUs 4, 5, and 6.

Concrete samples were collected by outfitting the RCT in the proper personal protective equipment (e.g., safety goggles), surrounding the area to be sampled with plastic to prevent scattering of concrete chips, and using an electric hammer-drill on the surface to generate sufficient concrete chips to provide a sample for analysis. The sample areas were approximately four inches in diameter and extended to a depth of 1 to 2 inches to provide a minimum of 250 grams of concrete for analysis.

In addition to the three biased samples, two concrete samples were collected from concrete dust/debris generated during the scabbling/grinding of horizontal surfaces in SU 6 per FCR-004. A walk-behind concrete grinder with HEPA-filtration was utilized to grind the surfaces. Dust/debris was collected in a vacuum. One composite sample (F-B01-S001) was collected from the concrete dust/debris inside the vacuum generated

from scabbling from the top surface (depth of 0-1/8 inch), and one composite sample (F-B01-S002) was collected from debris generated from scabbling at depth (approximately 1/8 to 1/2 inch).

The samples were analyzed for ^{137}Cs and ^{226}Ra by gamma spectroscopy analysis, for ^{90}Sr by total strontium analysis, and ^{239}Pu by alpha spectroscopy in accordance with the SAP (Work Plan Appendix A [APTIM, 2019]). Gamma spectroscopy data were reported by the off-site laboratory following the 21-day ingrowth period. Table 12 provides concrete sample results, and Appendices I and J provide the data validation and analytical laboratory data reports, respectively.

Figure 27 shows the locations where concrete samples were collected in SUs 4, 5, and 6. All five concrete sample results reported ^{226}Ra concentrations above the detection limit and the project quantitation limit goal of 0.2 pCi/g listed in Worksheet #15.1 in the SAP (Work Plan Appendix A [APTIM, 2019]). Detected ^{226}Ra concentrations ranged from 0.31 to 0.903 pCi/g. Concrete is made up of aggregates, many of which contain naturally occurring ^{226}Ra. Naturally occurring ^{226}Ra has been reported in limestone (0.42 pCi/g), sandstone (0.71 pCi/g), and shale (1.1 pCi/g), and the mean concentration for ^{226}Ra in typical igneous rock is 1.3 pCi/g (California Environmental Protection Agency, 2006). Based on the natural concentrations in various rocks and stone, the ^{226}Ra concentrations detected in the project samples are consistent with natural background and not related to Navy historical activities.

One concrete sample identified $^{239/240}$Pu at a concentration above the detection limit, but all five results were below the project quantitation limit goal of 0.1 pCi/g. No other sources of alpha activity were identified by the concrete sample analyses.

5.4 Waste Management

A waste management plan was prepared to allow for proper storage, characterization, and disposal of liquid and solid waste generated during the field activities. Investigation-derived waste was managed in accordance with the waste management plan (Appendix C of the Work Plan [APTIM, 2019]). Investigation-derived waste generated during survey activities that did not meet the project free-release criteria was compiled as low-level radioactive waste and included personal protective equipment. Investigation-derived waste was loaded into a roll-off container as low-level radioactive waste and characterized by the Navy's waste broker prior to being transported to an off-site disposal facility for final disposition.

5.5 Demobilization

Demobilization from the project site occurred on November 22, 2019, and consisted of surveying and removing the equipment and materials, cleaning the project site, and removing personnel from the site.

6.0 Data Quality Review

The scoping survey results were reviewed and evaluated to determine if the data quality achieved in the field met the survey objectives and DQOs described in the SAP (Work Plan Appendix A [APTIM, 2019]) and determine data usability.

6.1 Data Quality Indicators

Precision measures the reproducibility of measurements under a given set of conditions. Accuracy measures the bias of an analytical system by comparing the difference of a measurement with a reference value. Precision and accuracy of field instruments was determined by performing daily checks to monitor instrument performance. Appendix E provides the results of the daily field instrument QC checks. When the warning limits were exceeded for an instrument check but were below the control limits, the check was recorded as "QUESTION." Any time an instrument check was "QUESTION" a recount was performed. If the recount of the instrument check was "QUESTION" or "FAIL," the instrument was removed from service.

Representativeness is the degree to which sample data accurately and precisely represent a characteristic of a population, parameter variations at a sampling point, or an environmental condition. It is a qualitative parameter that depends on proper survey design. Gamma scan surveys were representative because they covered 100 percent of the accessible surfaces. Alpha and beta scan surveys were representative because they covered at least 25 percent of the total area and included locations where gamma scan readings exceeded the IL. Alpha and beta static and smear locations were representative because they included systematic locations covering the entire surface, as well as biased locations to investigate locations where results exceeded an IL and judgment locations to investigate locations of interest (e.g., manholes, grates).

Completeness is a measure of whether the data necessary to meet the project have been collected. For the data to be considered complete, they must meet acceptance criteria including accuracy and precision and other criteria specified for an analytical method. The survey objectives for scanning 100 percent of accessible surfaces for gamma radiation and 25 percent of accessible surfaces for alpha and beta radiation were achieved. Alpha and beta static and smear measurements were performed at the required number of systematic measurement locations. Alpha and beta static and smear measurements were performed at the 20 locations with the highest alpha scan measurement results in each SU. Concrete samples were collected to complete the investigations of the finger piers, and concrete samples collected were analyzed and the

analytical results validated. Appendices I and J include data validation reports and analytical laboratory data packages, respectively.

Comparability is a qualitative parameter expressing the confidence with which one data set can be compared with another, whether it was generated by a single laboratory or during inter-laboratory studies. Comparability is not compromised provided the survey design is unbiased and the survey design or analytical methods are not changed over time. The use of standardized field and analytical procedures ensures comparability of analytical data.

6.2 Gamma Scan Survey Results Data Quality Review

The objective of performing gamma scan surveys was to identify localized areas of elevated ^{226}Ra activity and to identify and support removal of discrete sources (e.g., deck markers). The objective of identifying areas of localized elevated gamma radiation was achieved and no discrete sources of gamma radiation were discovered.

The review of the gamma scan data identified no significant differences between individual data sets. The gamma scan data sets appear similar and are comparable.

Gamma sensitivity was addressed during planning based on the probability of detecting discrete sources of gamma radiation (i.e., deck markers).

6.3 Gamma Static Measurement Results Data Quality Review

The objective of the gamma static measurements was to investigate gamma scan results above the IL to determine if the gamma scan results were anomalous readings (false positives) or if the gamma scan readings identified areas with elevated gamma radiation. This objective was accomplished, and areas of elevated gamma radiation were identified for additional investigation using in situ gamma spectroscopy.

Gamma static data were collected using the same instrument used to perform a portion of the gamma scan surveys; therefore, the gamma static data are comparable with gamma static data collected in other SUs. Gamma static measurements were performed in contact with the surface being investigated, but are still considered comparable with the gamma scan survey measurements performed with the detector suspended 15 cm (6 inches) above the surface because gamma rays are not significantly attenuated by air.

Gamma static measurements were performed at biased locations to evaluate gamma scan results exceeding the IL, so gamma static measurements are representative of the location where the measurement was performed. Gamma static measurement results exceeding the IL may not be representative of radiological conditions across the entire SU.

The sensitivity of gamma static measurements was improved relative to gamma scan measurements by using one-minute static counts in place of the one-second counts used for scanning.

6.4 Alpha/Beta Scan Measurement Results Data Quality Review

The objective of performing alpha and beta scan surveys was to identify localized areas of elevated activity. Alpha scan sensitivity did not meet the survey objectives and did not agree with the scan MDC values developed during planning. Alpha scanning was capable of identifying areas of alpha activity potentially exceeding 200 dpm/100 cm^2 for additional investigation. Beta scanning was able to accomplish the objective of identifying areas potentially exceeding the release criterion of 1,000 dpm/100 cm^2.

No differences were observed in the alpha or beta scan measurements for the different instruments used to perform the alpha and beta scan measurements in the finger piers. The alpha and beta scan measurements from each SU are comparable with alpha and beta scan measurements from other SUs since all alpha and beta scan measurements were performed on concrete using the same type of instruments.

Alpha scan sensitivity did not meet the survey objectives and did not agree with the scan MDC values developed during planning. The major contribution to the difference was the higher than expected RBA count rates encountered in the field. The distribution of alpha scan results also contributed to differences between the planned scan MDC and what was actually accomplished in the field. Scan MDC calculations assume a Poisson distribution. A Poisson distribution has the characteristic where the square root of the average value equals the standard deviation. The standard deviations measured for the alpha scan data were significantly higher than expected based on a Poisson distribution. The higher than expected variability in the alpha scan data resulted from a variety of factors, including environmental conditions. Variations in temperature, atmospheric pressure, humidity, and wind speed were contributing factors. The distributions of alpha scan data for SUs 4, 5, and 6 were consistent and resulted in bell-shaped curves with relatively few potential outliers but were not consistent with a normal distribution. An upper simultaneous limit for each alpha scan data set was calculated at

the 95 percent confidence level to identify statistical outliers. Using the upper simultaneous limits identified 18, 25, and 13 potential outliers in SUs 4, 5, and 6, respectively, as elevated results based on the observed distribution of data. Based on this observation, it was decided that performing biased alpha and beta static measurements at the locations with the 20 highest scan results would accomplish the survey objectives.

The alpha scan MDC calculations and upper simultaneous limit calculations identified upper bounds on the alpha scan data in the 200 to 300 dpm/100 cm^2 range. MARSSIM (EPA et al., 2000) Section 5.5.2.4 provides for increasing the number of measurements performed in a survey unit to account for MDC values that do not achieve the survey objectives. The number of measurements in each survey unit was increased by a factor of 3 during development of the work plan to allow for an alpha scan MDC as high as 300 dpm/100 cm^2. A minimum of 54 alpha and beta static measurements were performed in each SU to account for the scan MDC not achieving the survey objective of measuring concentration below the specified release criteria and ILs. While the scan MDC for alpha scan surveys does not meet the project objectives, it still provides a technically defensible approach to surveys based on MARSSIM guidance.

The beta scan MDC was sensitive enough to meet the project objectives.

Appendix G provides analysis of the alpha and beta scan measurement data, including graphical representations of the data and identification of data distributions.

6.5 Alpha/Beta Static Measurement Results Data Quality Review

There were multiple objectives for performing alpha and beta static measurements. Static measurements were performed at systematic locations distributed over 100 percent of accessible surfaces to determine the average activity in each SU. Static measurements were also performed at biased locations that exceeded the scan IL to determine if the scan measurements were anomalous or represented elevated activity.

A review of the alpha static measurements identified similar distributions for systematic and biased measurements performed in SUs 4, 5, and 6. Alpha static measurements on the finger piers were normally distributed except for systematic locations in SU 4 and manhole locations in SUs 4 and 6 where the alpha static data did not follow a known distribution. Concrete samples were collected at the location of biased static measurements with the highest alpha results. Because there are differences in data distributions caused by different background levels of inherent, natural radioactivity in

construction materials used in the finger piers, care should be taken when performing other comparisons using the alpha static data sets.

A review of the beta static measurements identified similar distributions for systematic and biased measurements performed in SUs 4, 5, and 6. Beta static measurements on the finger piers were normally distributed except for manhole locations in SUs 4 and 6 where the beta static data did not follow a known distribution. Because all beta static results are less than the release criterion, the beta static data sets are considered comparable for comparisons with the release criterion. However, because there are differences in data distributions caused by different background levels of inherent natural radioactivity in construction materials used in the finger piers, care should be taken when performing other comparisons using the beta static data sets.

Static MDC calculations (Section 3.4.5) show both alpha and beta static measurements meet the sensitivity requirements of the survey. Appendix G provides analysis of the alpha and beta static measurement data, including graphical representations of the data and identification of data distributions.

6.6 Alpha/Beta Smear Measurement Results Data Quality Review

The purpose of smear measurements was to determine if there was removable alpha or beta activity at locations where static measurements were performed. Smear measurements were performed at every location where a systematic or biased static measurement was performed, and this objective was accomplished.

The alpha and beta smear data are below the release criteria and follow similar distributions, so the smear data are comparable.

Smear MDC calculations (Section 3.4.6) show both alpha and beta smear measurements meet the sensitivity requirements of the survey.

6.7 Solid Sample Laboratory Analysis Results Data Quality Review

Concrete samples were collected at biased locations with the highest alpha static measurement results to provide supplemental information on the nature and extent of alpha activity. A laboratory data quality assessment was performed and included reviews of the sampling holding times and preservation, laboratory method blanks, gamma spectroscopy and alpha/beta calibration, tracer compound recoveries,

laboratory control samples, sample duplicate, sample identification, sample quantitation, reporting limits, and analytical and technical completeness. The data quality review determined the data are of good technical quality and meet project objectives. The data are usable and available for project decisions. Appendix H provides the data quality assessment summary for off-site analytical laboratory sample results.

7.0 Conclusions and Recommendations

This section includes the evaluation of field activities, conclusions, and recommendations.

7.1 Evaluation of Field Activities

A scoping survey of the finger piers at HPNS was performed and consisted of the following:

- Gamma scan surveys
- Gamma static measurements
- Alpha/beta scan surveys
- Alpha/beta static measurements
- Alpha/beta smear measurements
- Sample collection and laboratory analysis

The following subsections provide a summary of the scoping survey activities performed and their results.

7.1.1 Gamma Scan Surveys

Gamma scans were performed over 100 percent of the accessible surfaces of each SU. A total of 92 gamma scan locations exceeded the gamma scan IL.

7.1.2 Gamma Static Measurements

Gamma static biased measurements were performed at each location where the gamma scan IL was exceeded. Table 6 summarizes these results. No biased gamma static measurement results exceeded the IL.

7.1.3 Alpha/Beta Scan Surveys

Alpha and beta scan surveys were performed, as described in Section 5.3.3.1. Table 7 summarizes the results of the alpha and beta scan surveys. A total of 87,471 scan measurements were performed for alpha and beta activity. A total of 3,864 alpha scan measurements (4.4 percent) exceeded the alpha scan IL of 100 dpm/100 cm^2. No measurements exceeded the beta scan IL of 1,000 dpm/100 cm^2. The alpha scan MDC

achieved in the field exceeded the planned alpha scan MDC by more than a factor of two and exceeded the alpha scan IL of 100 dpm/100 cm^2 by a factor of two.

7.1.4 Alpha/Beta Static Measurements

Alpha and beta two-minute static measurements were performed at 54 systematic locations in SUs 4 and 5 and at 61 systematic locations in SU 6 on a random-start triangular grid. A total of 169 alpha and beta static measurements were performed at systematic locations. No alpha or beta systematic static results exceeded the release criterion. Table 8 summarizes alpha and beta systematic static measurement results.

Alpha and beta two-minute static measurements were performed at locations with the highest alpha scan results and in manholes and grates in each SU. A total of 111 alpha and beta measurements were performed at biased locations. No alpha or beta biased static measurement results exceeded the release criterion. Table 9 summarizes the alpha and beta biased static measurement results.

7.1.5 Alpha/Beta Smear Measurements

Alpha and beta smear samples were collected at locations where alpha and beta systematic and biased static measurements were performed to measure removable activity, with the exception of grates. No removable alpha or beta activity measurements exceeded the release criteria in SUs 4, 5, and 6. Table 10 summarizes survey results for smears collected at systematic locations and Table 11 summarizes survey results for smears collected at biased locations.

7.1.6 Solid Sample Collection and Laboratory Analysis

Concrete samples were collected at three biased locations in SUs 4 and 5, and at two locations in a proposed reference background area in SU 6. Figure 27 displays sample locations for SUs 4, 5, and 6 and Table 12 summarizes the results.

^{226}Ra was detected in all five concrete samples. Detected ^{226}Ra concentrations ranged from 0.310 to 0.903 pCi/g. Based on the natural concentrations in various rocks and stone, which range from 0.42 to 1.3 pCi/g (California Environmental Protection Agency, 2006), the ^{226}Ra concentrations detected in the project samples are consistent with natural background and not related to Navy historical activities. No other potential sources of elevated alpha activity associated with naval operations were identified by the concrete sample analyses.

7.2 Conclusions

The radiological scoping survey of the finger piers identified several areas of alpha exceedances above the release criterion in SUs 4, 5, and 6. While exceedances above the alpha scan release criterion of 100 dpm/100 cm^2 were observed, static measurements and concrete samples demonstrate the alpha activity is not from alpha emitting ROCs ^{226}Ra and ^{239}Pu. Therefore, the conclusion drawn from the survey results is that the exceedances are not the result of historical Navy operations. Based on the DQOs included in the Work Plan (APTIM, 2019), further investigation of the finger piers is recommended.

7.3 Recommendations

Based on the radiological scoping survey results and DQOs included in the Work Plan (APTIM, 2019), it is recommended further investigation of the finger piers focus on investigating alpha activity on concrete surfaces. Additional characterization surveys will be designed in accordance with MARSSIM guidance to determine if residual alpha radioactivity is related to historical Navy activities or is naturally occurring in the materials used to construct the finger piers. Due to practical challenges with alpha scanning in outdoor environments at levels consistent with the release criteria listed in Table 1, the survey may be limited to additional material (concrete) sampling to supplement static and smear measurements.

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8.0 References

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FIGURES

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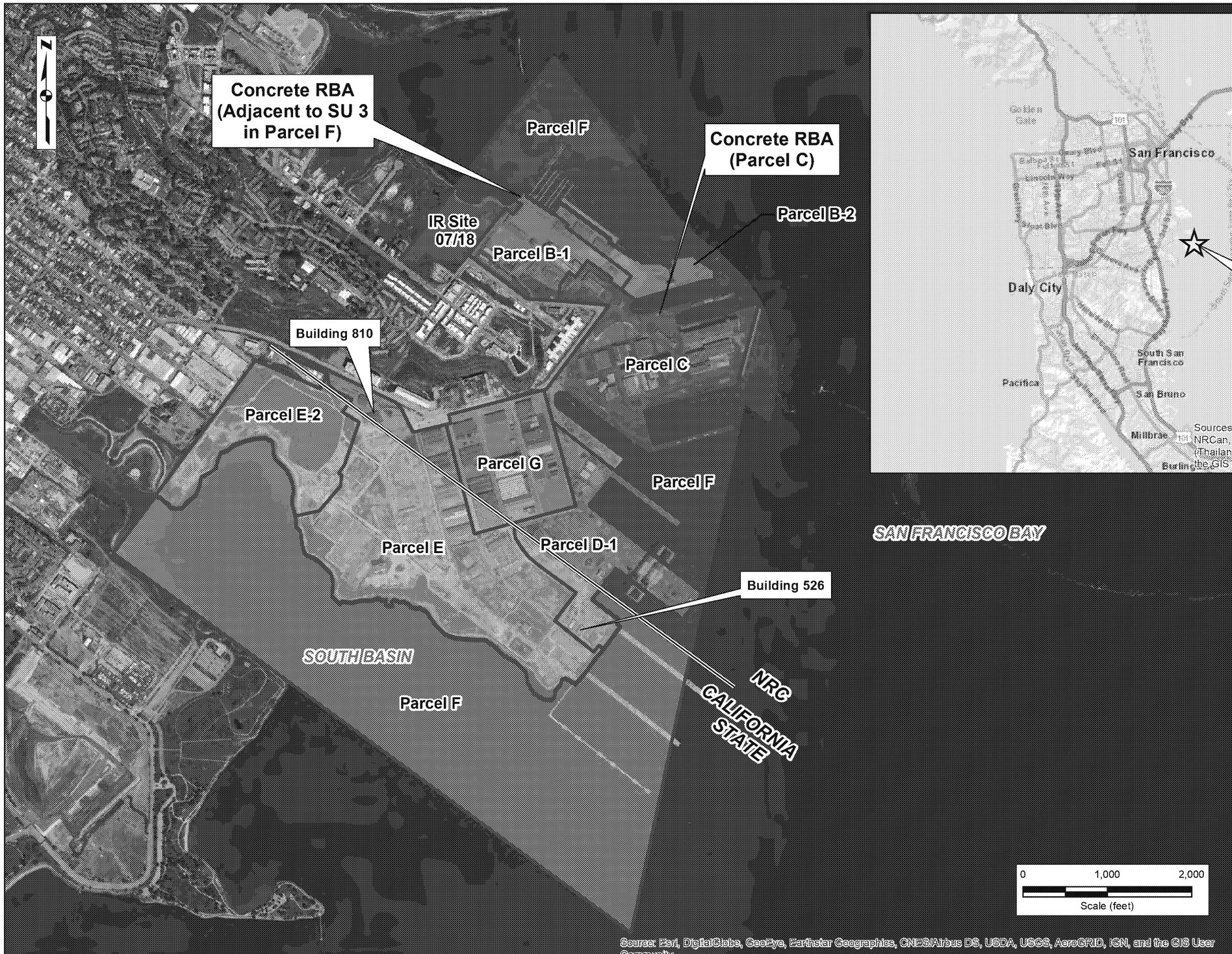

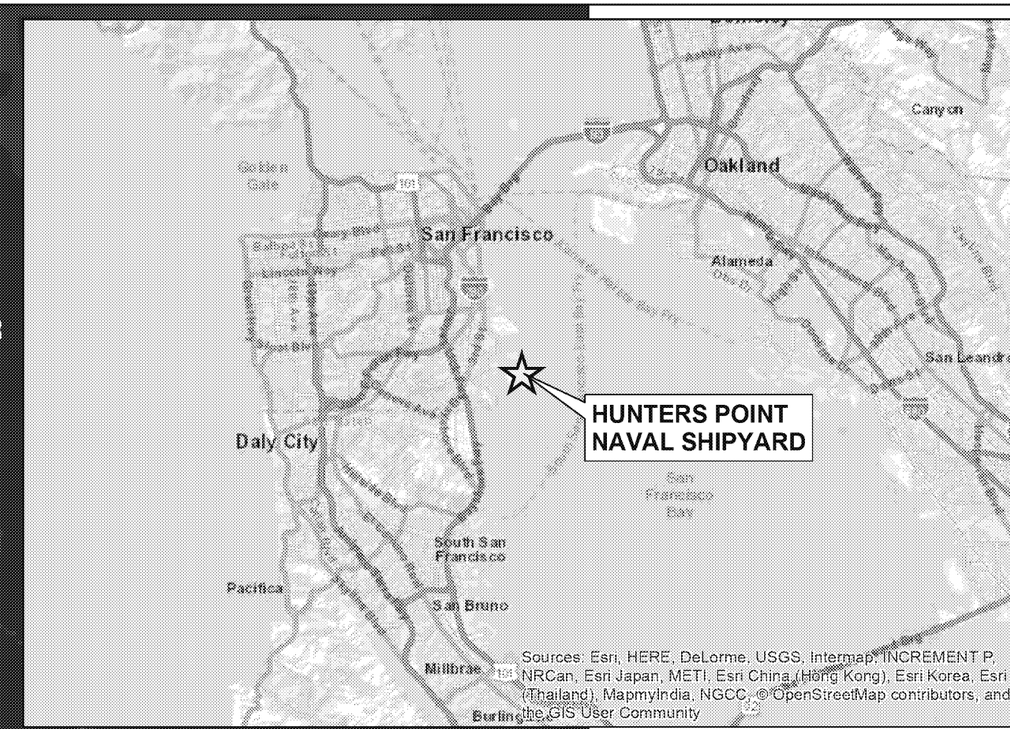

Legend

- Parcel Boundary
- CA State/ NRC Jurisdiction Boundary
- CA Jurisdiction
- NRC Jurisdiction

SITE LOCATION

HUNTERS POINT NAVAL SHIPYARD
SAN FRANCISCO, CALIFORNIA

10/2017	PROJECT No. R3-0016.01	FIGURE 1

DCN: APTM-0006-4550-0118

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SURVEY UNITS (SU) 4, 5 & 6

HUNTERS POINT NAVAL SHIPYARD
SAN FRANCISCO, CALIFORNIA

4/2020	PROJECT No. R3-0016.01	FIGURE 2

DCN: APTM-0006-4550-0118

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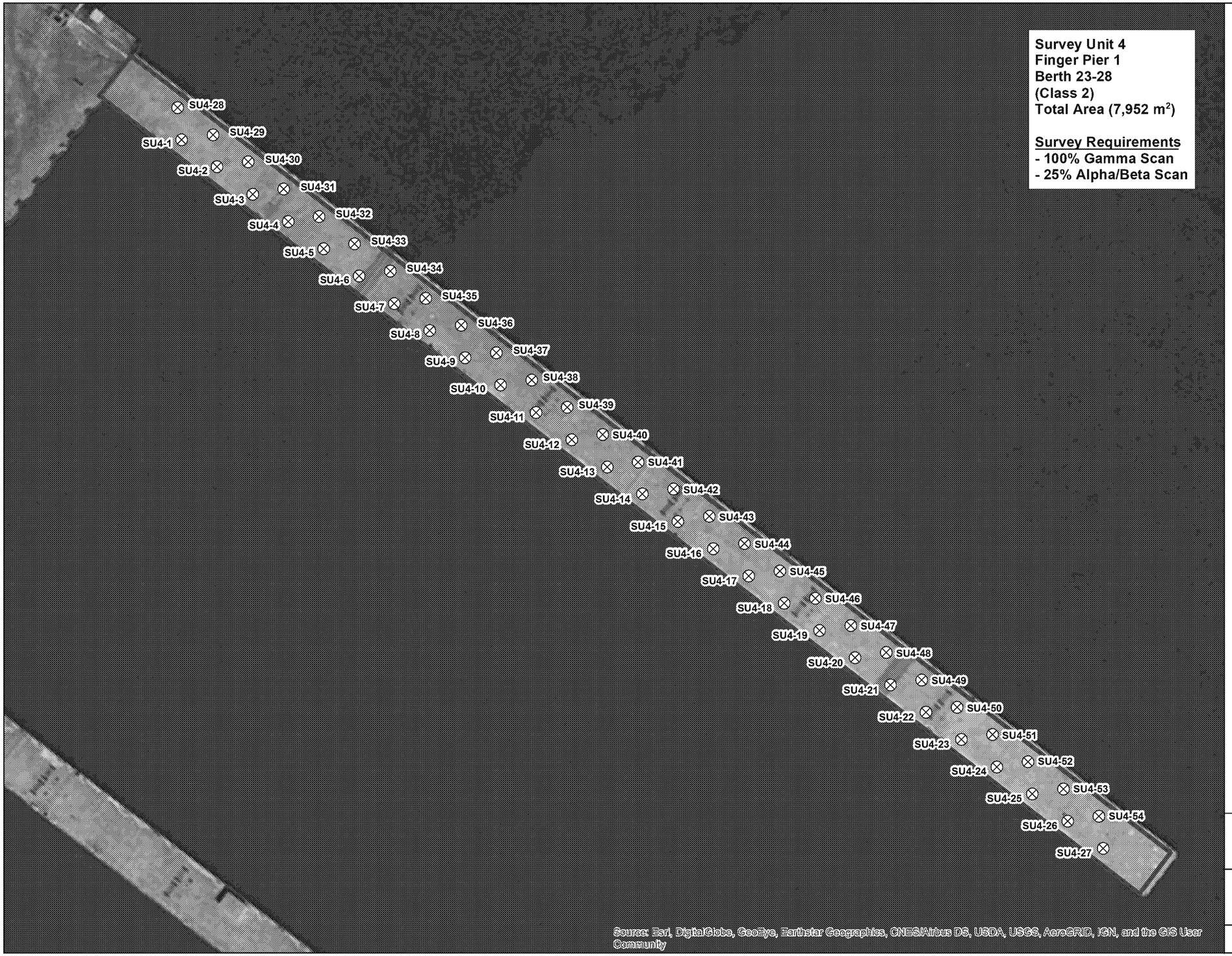

N

Legend

Systematic Measurements

⊗ Horizontal Surface

Survey Unit Boundary

Horizontal Surface

0 80 160
Scale (feet)

SU 4 SYSTEMATIC MEASUREMENT LOCATIONS

HUNTERS POINT NAVAL SHIPYARD SAN FRANCISCO, CALIFORNIA

4/2020	PROJECT No. R3-0016.01	FIGURE 3

DCN: APTM-0006-4550-0118

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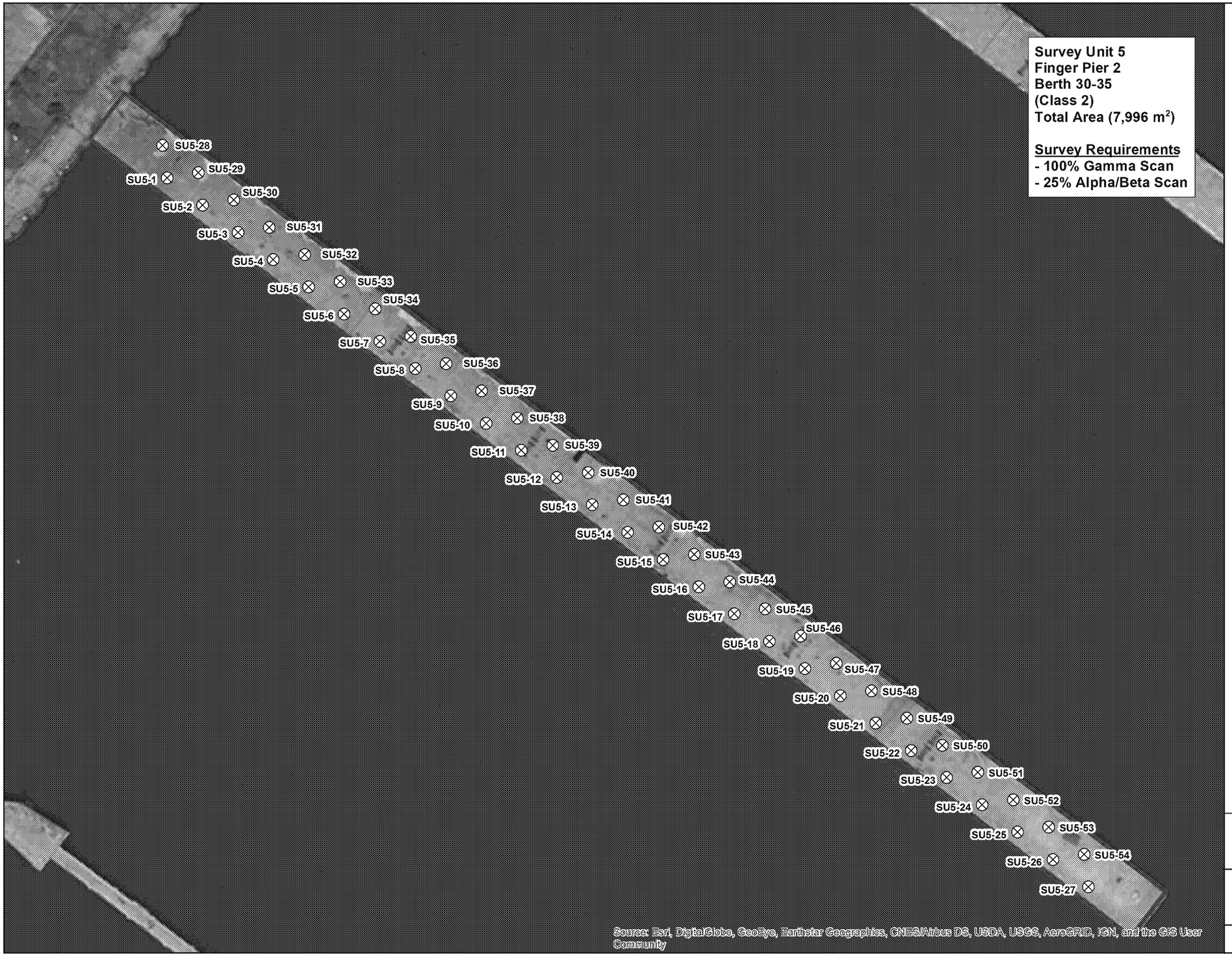

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Legend

Systematic Measurements

⊗ Horizontal Surface

Survey Unit Boundary

Horizontal Surface

0 80 160

Scale (feet)

SU 5 SYSTEMATIC MEASUREMENT LOCATIONS

HUNTERS POINT NAVAL SHIPYARD SAN FRANCISCO, CALIFORNIA

4/2020	PROJECT No. R3-0016.01	FIGURE 4

DCN: APTM-0006-4550-0118

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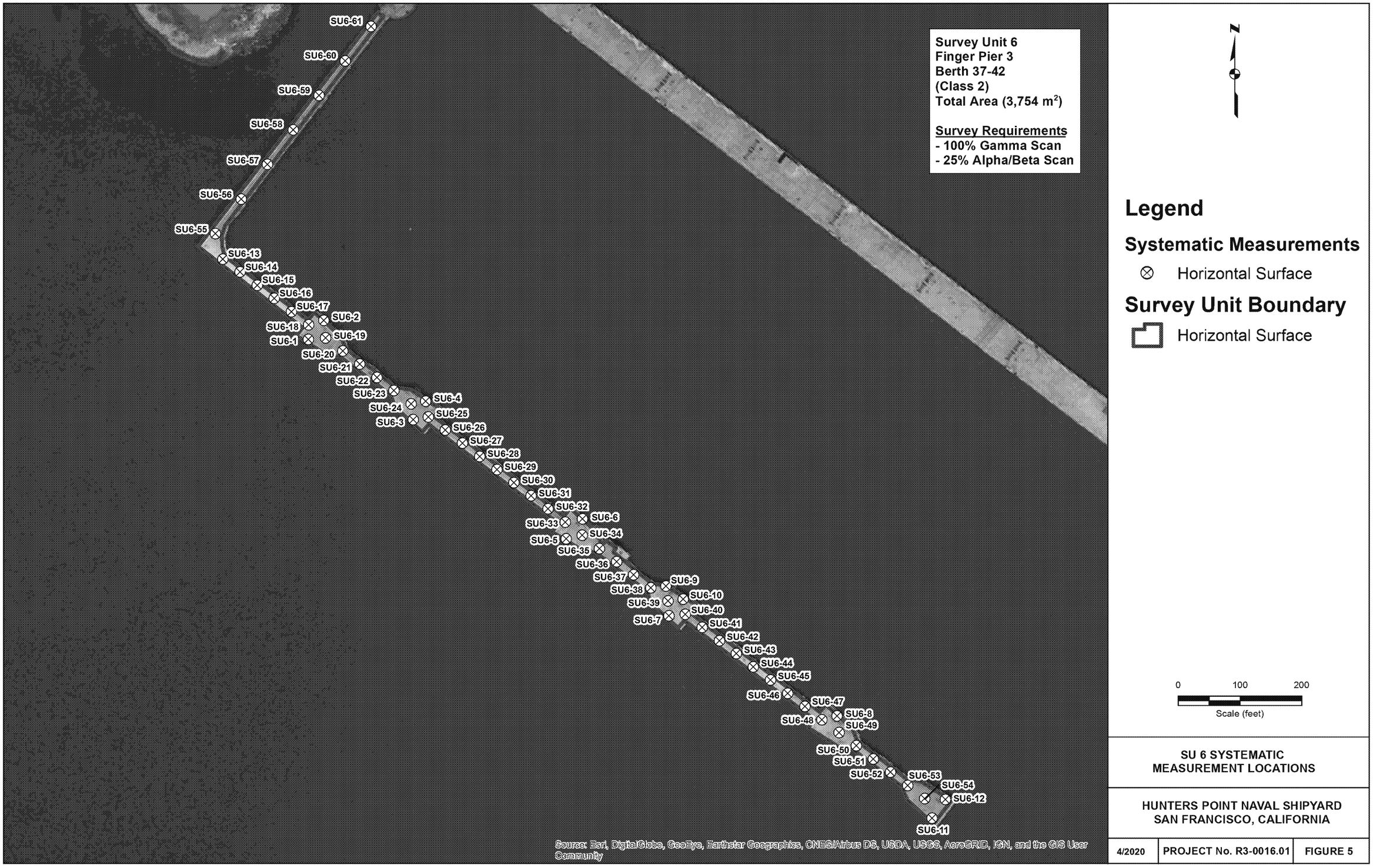

SU 6 SYSTEMATIC MEASUREMENT LOCATIONS

HUNTERS POINT NAVAL SHIPYARD
SAN FRANCISCO, CALIFORNIA

4/2020	PROJECT No. R3-0016.01	FIGURE 5

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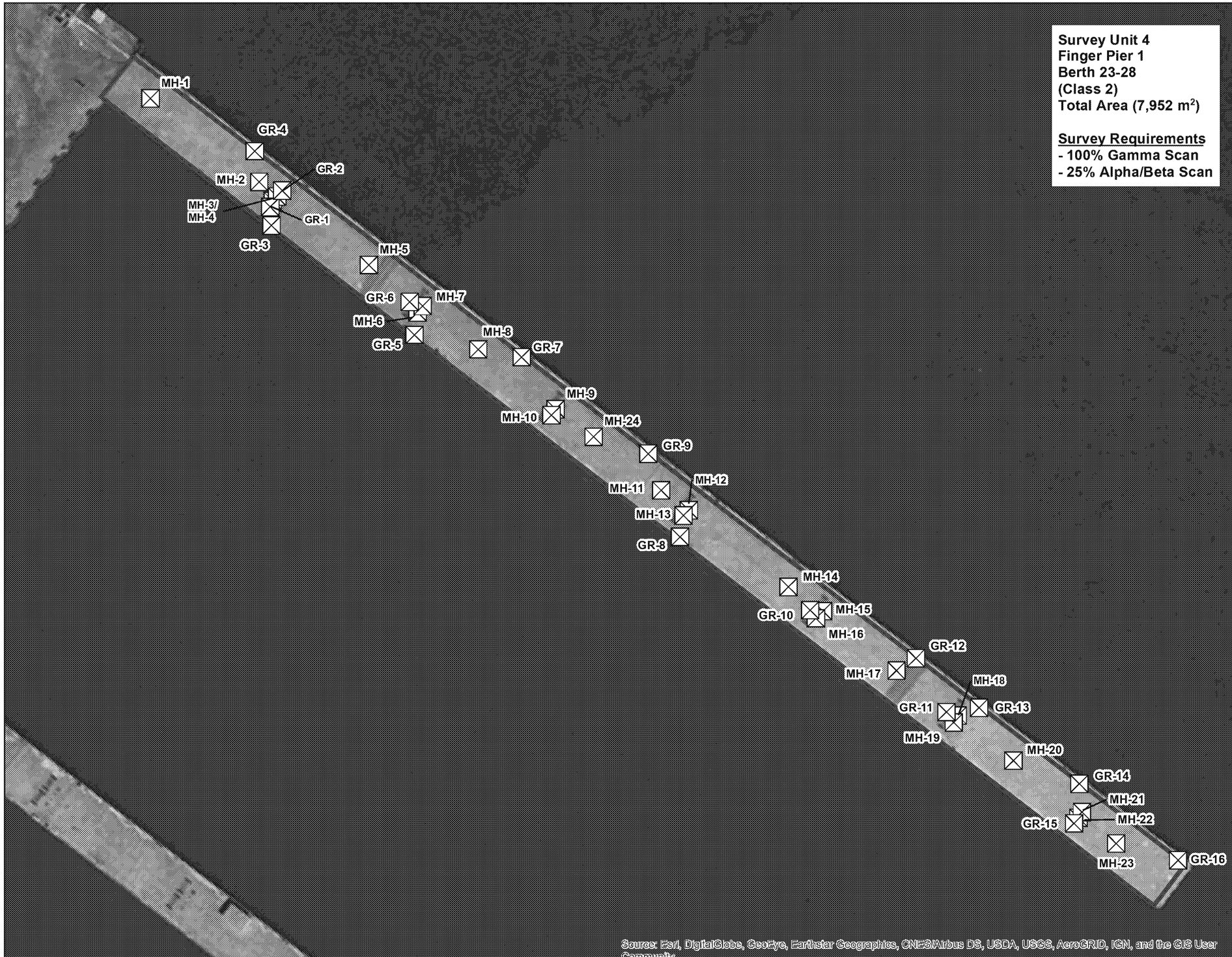

N

Legend

Manhole/ Grate Location

Survey Unit Boundary

Horizontal Surface

0 100 200
Scale (feet)

SU 4 MANHOLE AND GRATE LOCATIONS

**HUNTERS POINT NAVAL SHIPYARD
SAN FRANCISCO, CALIFORNIA**

4/2020	PROJECT No. R3-0016.01	FIGURE 6

DCN: APTM-0006-4550-0118

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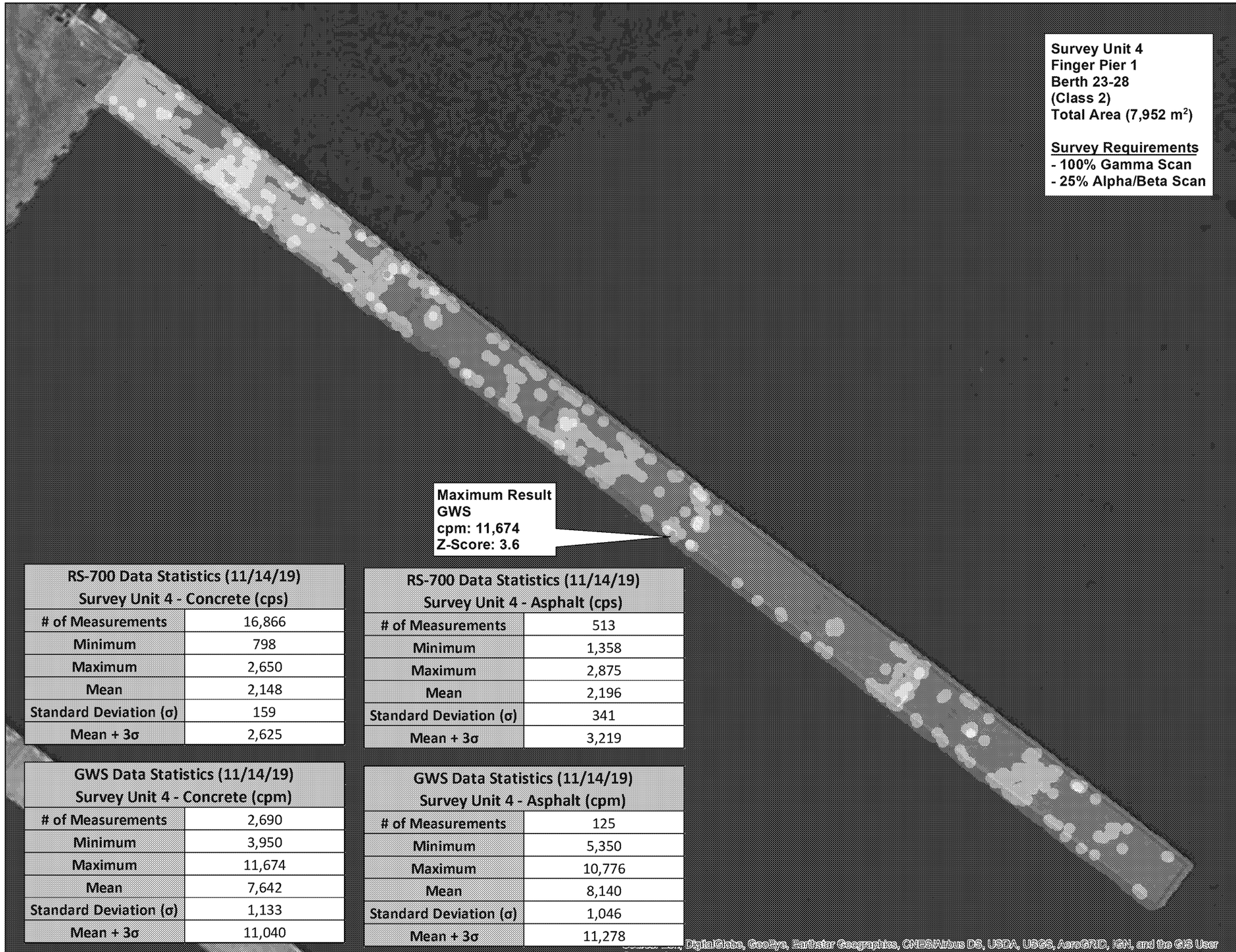

RS-700 Data Statistics (11/14/19) Survey Unit 4 - Concrete (cps)	
# of Measurements	16,866
Minimum	798
Maximum	2,650
Mean	2,148
Standard Deviation (σ)	159
Mean + 3σ	2,625

RS-700 Data Statistics (11/14/19) Survey Unit 4 - Asphalt (cps)	
# of Measurements	513
Minimum	1,358
Maximum	2,875
Mean	2,196
Standard Deviation (σ)	341
Mean + 3σ	3,219

GWS Data Statistics (11/14/19) Survey Unit 4 - Concrete (cpm)	
# of Measurements	2,690
Minimum	3,950
Maximum	11,674
Mean	7,642
Standard Deviation (σ)	1,133
Mean + 3σ	11,040

GWS Data Statistics (11/14/19) Survey Unit 4 - Asphalt (cpm)	
# of Measurements	125
Minimum	5,350
Maximum	10,776
Mean	8,140
Standard Deviation (σ)	1,046
Mean + 3σ	11,278

Legend

Survey Unit Boundary

Gamma Survey Results (Z-Score)

- ≤ 0.9
- 1.0 - 1.9
- 2.0 - 2.9
- ≥ 3.0

Note: Gamma Survey was performed with RS-700 and Ludlum 2221/44-20 (3x3 NaI).

0 100 200
Scale (feet)

SU 4 GAMMA SCAN RESULTS - HORIZONTAL SURFACES

HUNTERS POINT NAVAL SHIPYARD SAN FRANCISCO, CALIFORNIA

4/2020	PROJECT No. R3-0016.01	FIGURE 7

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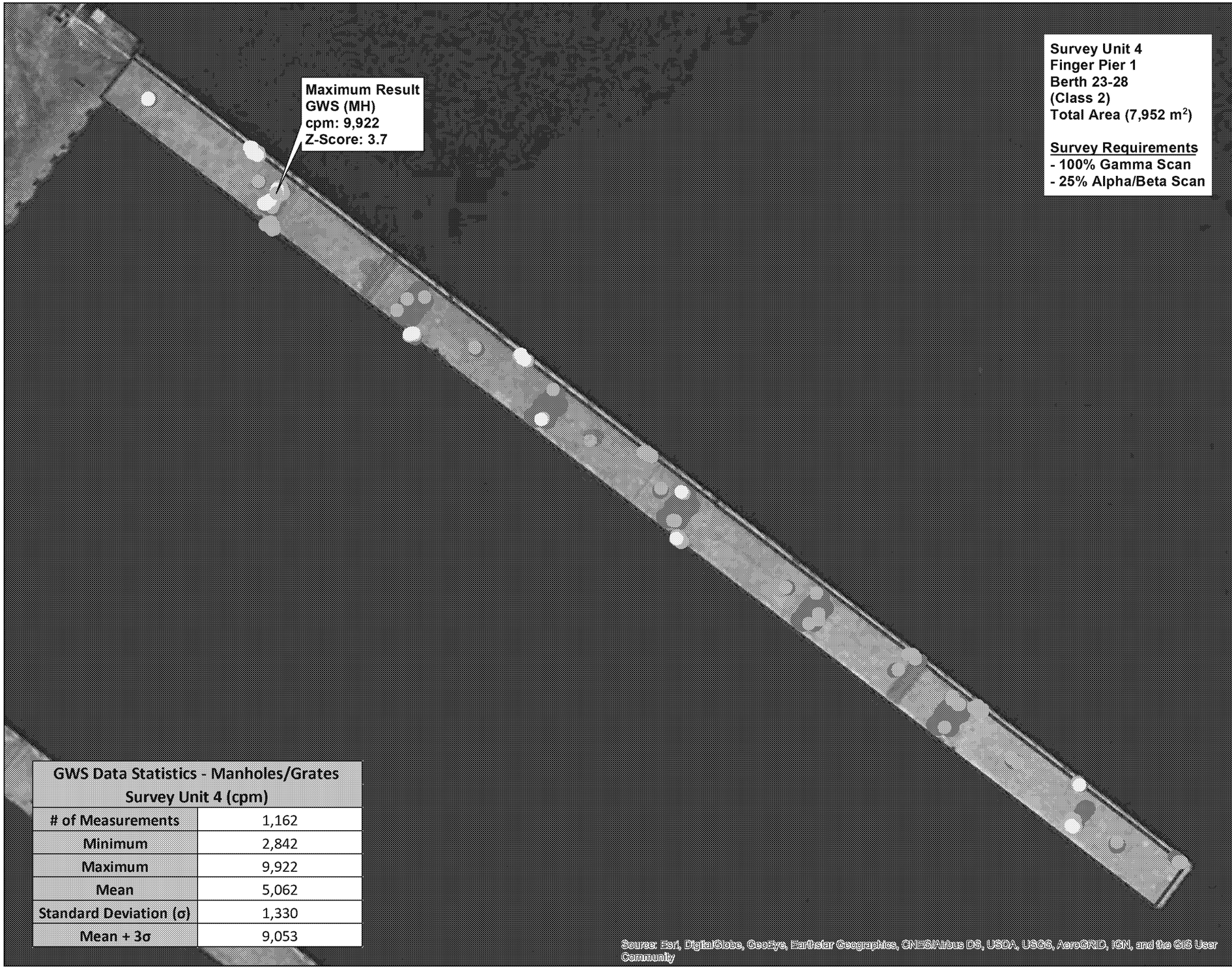

GWS Data Statistics - Manholes/Grates Survey Unit 4 (cpm)	
# of Measurements	1,162
Minimum	2,842
Maximum	9,922
Mean	5,062
Standard Deviation (σ)	1,330
Mean + 3σ	9,053

N

Legend

Survey Unit Boundary

Gamma Survey Results (Z-Score)

- ≤ 0.9
- 1.0 - 1.9
- 2.0 - 2.9
- ≥ 3.0

Note: Gamma Survey was performed with a Ludlum 2221/44-20 (3x3 NaI) and RS-700.

All manholes and grates were surveyed with 3x3 NaI (GWS), except for MH-5 and MH-24, which were surveyed using the RS-700. All RS-700 survey results and survey statistics are shown on Figure 7, however only results that correspond to MH-5/MH-24 are shown on this figure.

0 100 200
Scale (feet)

SU 4 GAMMA SCAN RESULTS - MANHOLE/ GRATE SURFACES

HUNTERS POINT NAVAL SHIPYARD SAN FRANCISCO, CALIFORNIA

4/2020	PROJECT No. R3-0016.01	FIGURE 8

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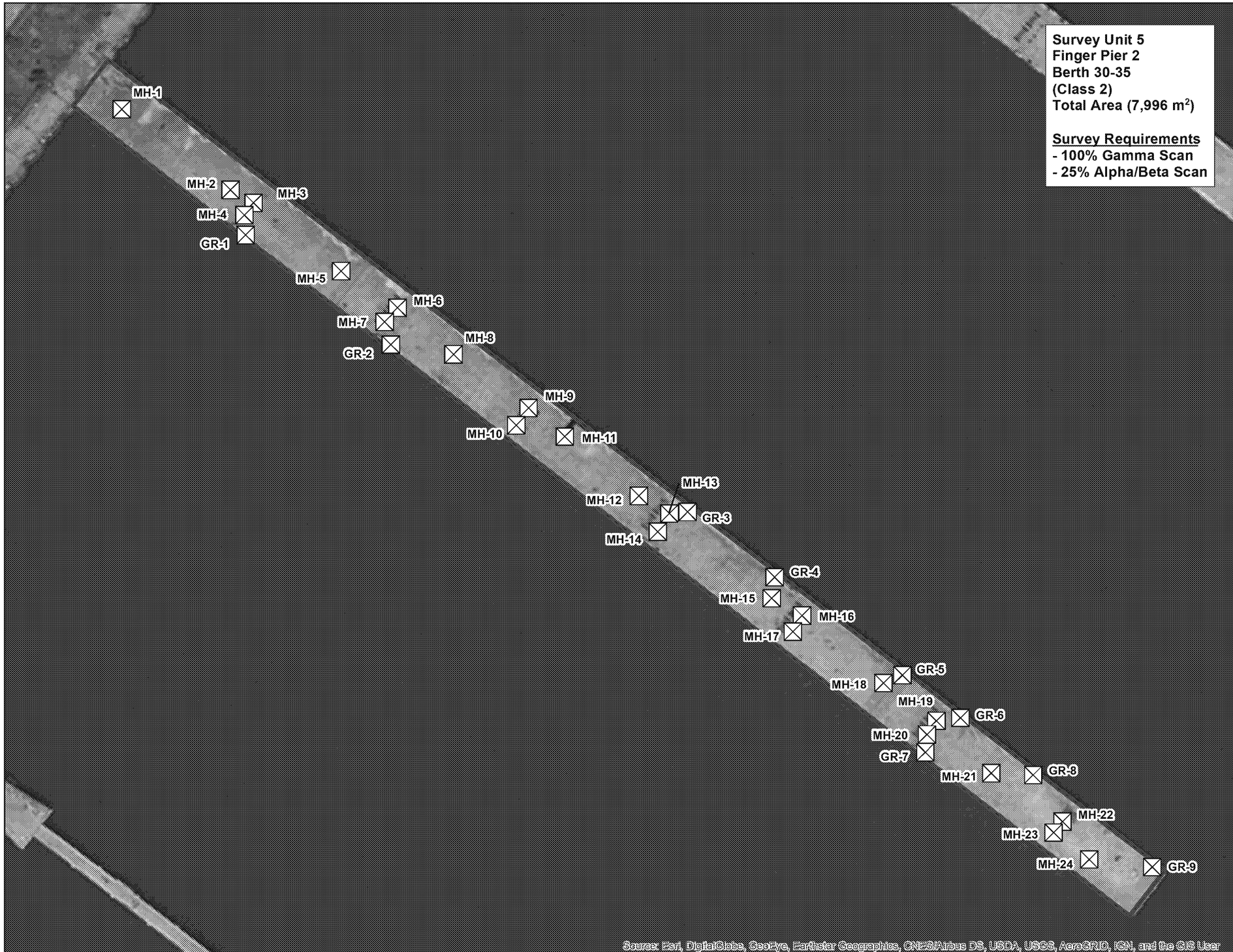

N

Legend

Manhole/ Grate Location

Survey Unit Boundary

Horizontal Surface

0 100 200
Scale (feet)

SU 5 MANHOLE AND GRATE LOCATIONS

**HUNTERS POINT NAVAL SHIPYARD
SAN FRANCISCO, CALIFORNIA**

4/2020	PROJECT No. R3-0016.01	FIGURE 9

DCN: APTM-0006-4550-0118

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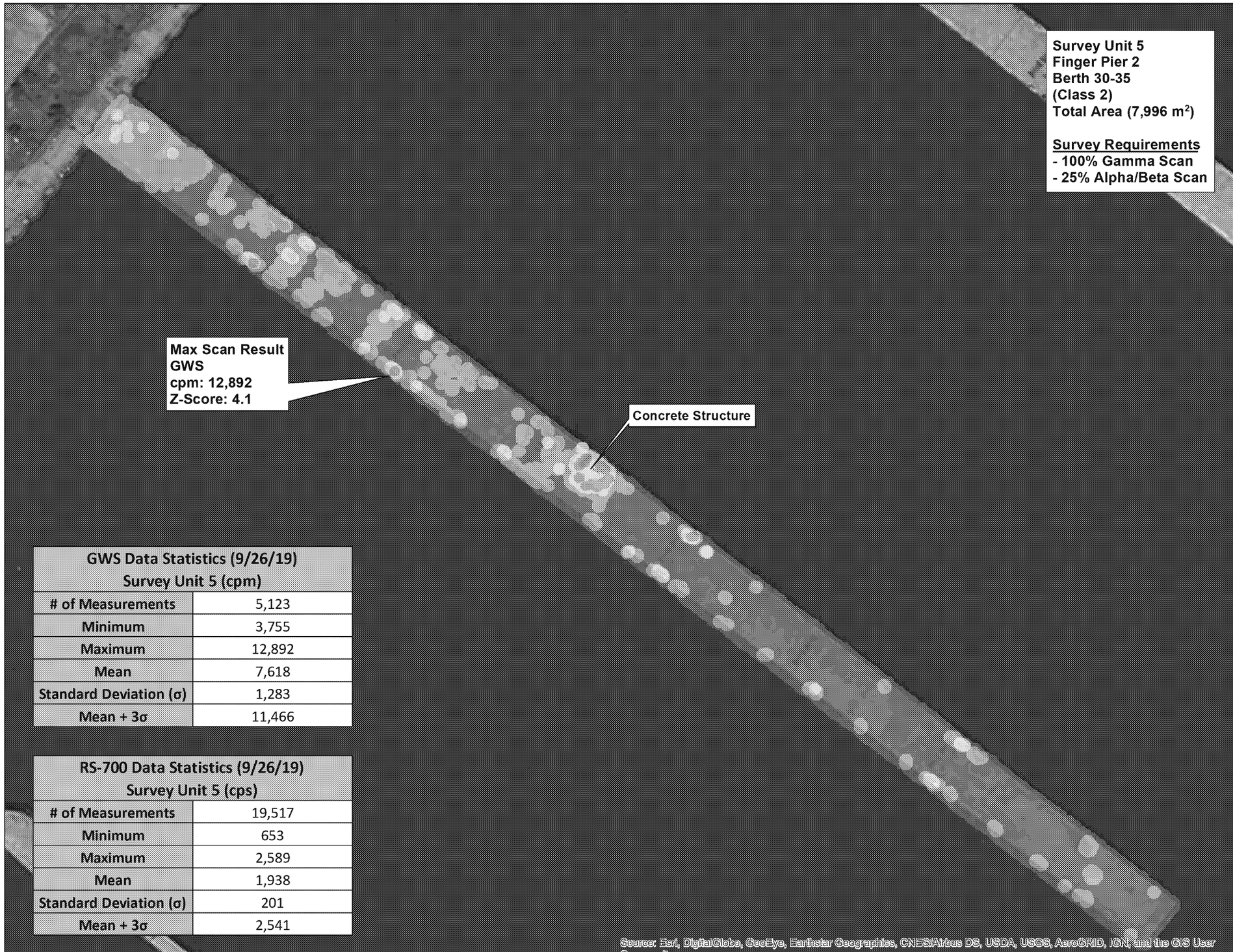

GWS Data Statistics (9/26/19) Survey Unit 5 (cpm)	
# of Measurements	5,123
Minimum	3,755
Maximum	12,892
Mean	7,618
Standard Deviation (σ)	1,283
Mean + 3σ	11,466

RS-700 Data Statistics (9/26/19) Survey Unit 5 (cps)	
# of Measurements	19,517
Minimum	653
Maximum	2,589
Mean	1,938
Standard Deviation (σ)	201
Mean + 3σ	2,541

Legend

Survey Unit Boundary

Gamma Survey Results (Z-Score)

- ≤ 0.9
- 1.0 - 1.9
- 2.0 - 2.9
- ≥ 3.0

Note: Gamma Survey was performed with RS-700 and Ludlum 2221/44-20 (3x3 NaI).

0 100 200
Scale (feet)

SU 5 GAMMA SCAN RESULTS - HORIZONTAL SURFACES

HUNTERS POINT NAVAL SHIPYARD SAN FRANCISCO, CALIFORNIA

4/2020	PROJECT No. R3-0016.01	FIGURE 10

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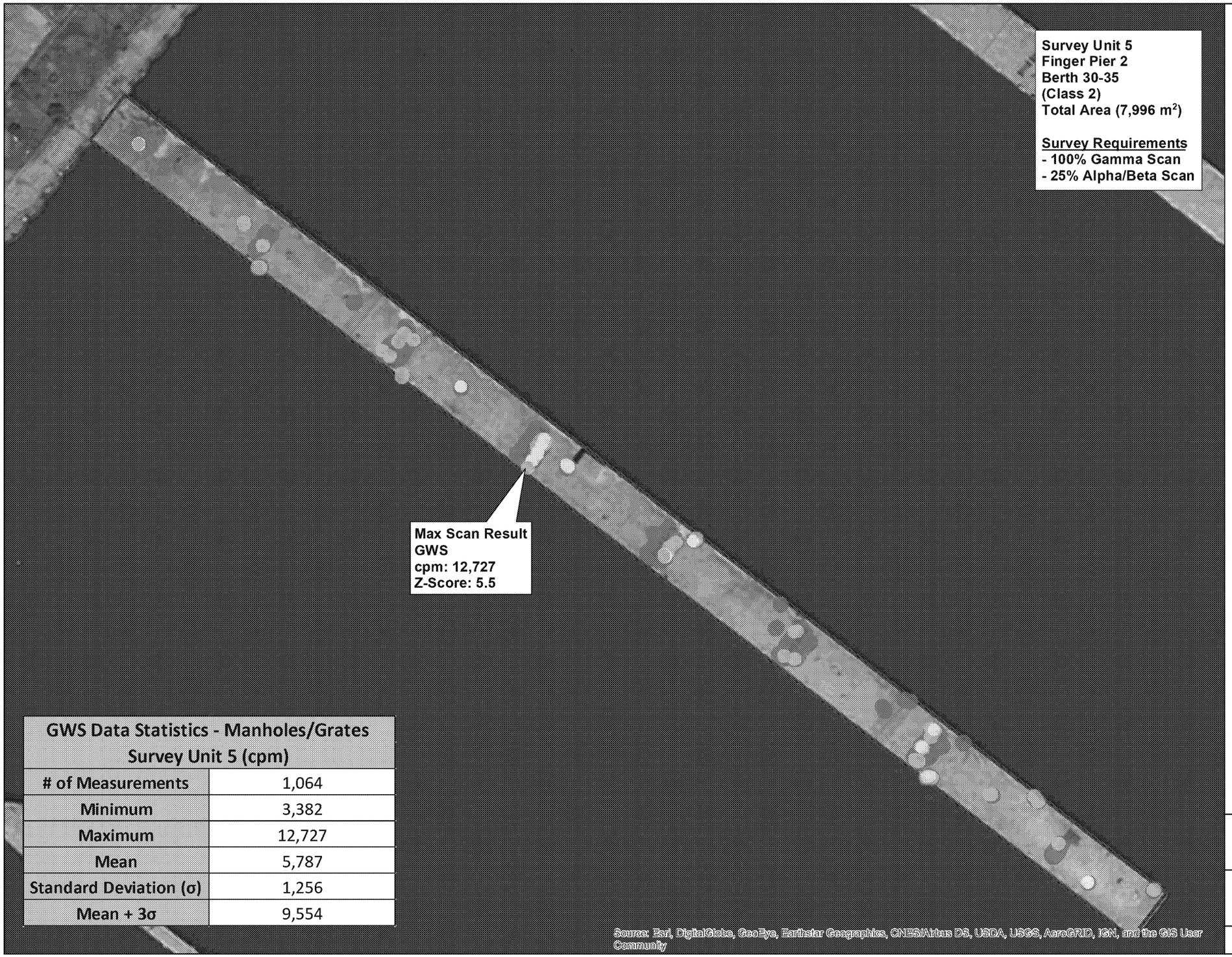

GWS Data Statistics - Manholes/Grates Survey Unit 5 (cpm)	
# of Measurements	1,064
Minimum	3,382
Maximum	12,727
Mean	5,787
Standard Deviation (σ)	1,256
Mean + 3σ	9,554

N

Legend

Survey Unit Boundary

Gamma Survey Results (Z-Score)

- ≤ 0.9
- 1.0 - 1.9
- 2.0 - 2.9
- ≥ 3.0

Note: Gamma Survey was performed with RS-700 and Ludlum 2221/44-20 (3x3 NaI).

0 100 200
Scale (feet)

SU 5 GAMMA SCAN RESULTS - MANHOLE/ GRATE SURFACES

HUNTERS POINT NAVAL SHIPYARD SAN FRANCISCO, CALIFORNIA

4/2020	PROJECT No. R3-0016.01	FIGURE 11

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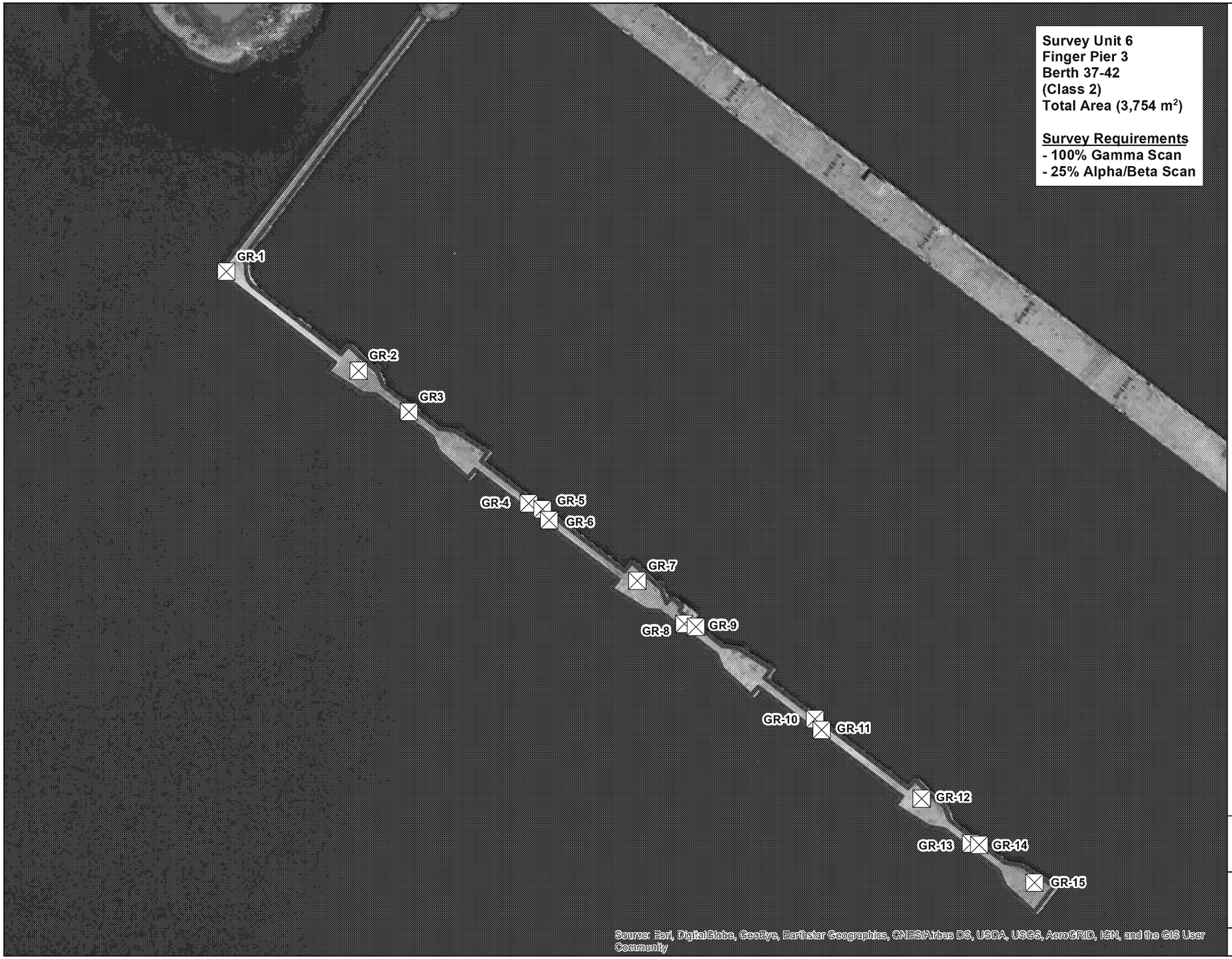

N

Legend

Manhole/ Grate Location

Survey Unit Boundary

Horizontal Surface

0 100 200
Scale (feet)

SU 6 MANHOLE AND GRATE LOCATIONS

**HUNTERS POINT NAVAL SHIPYARD
SAN FRANCISCO, CALIFORNIA**

4/2020	PROJECT No. R3-0016.01	FIGURE 12

DCN: APTM-0006-4550-0118

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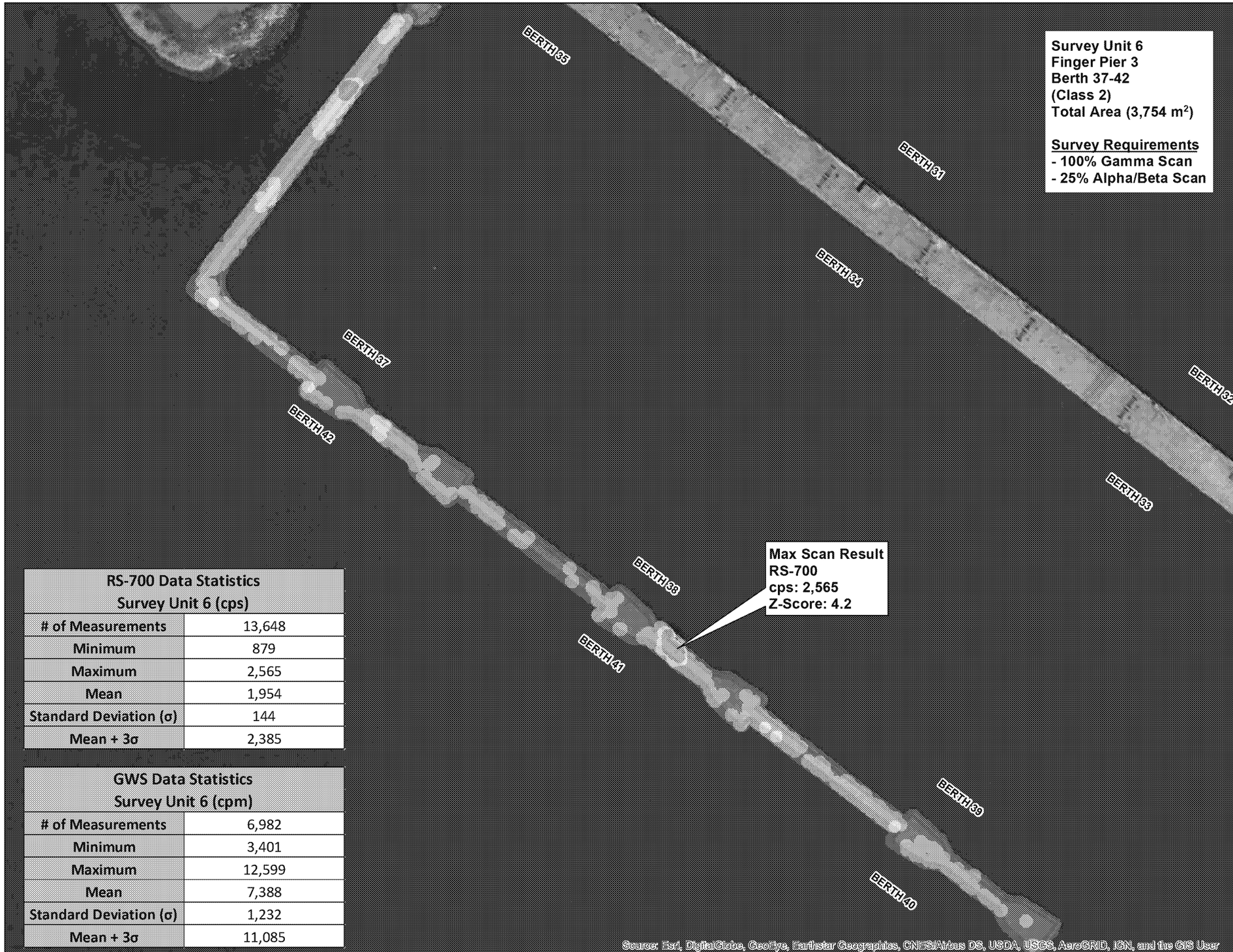

RS-700 Data Statistics Survey Unit 6 (cps)	
# of Measurements	13,648
Minimum	879
Maximum	2,565
Mean	1,954
Standard Deviation (σ)	144
Mean + 3σ	2,385

GWS Data Statistics Survey Unit 6 (cpm)	
# of Measurements	6,982
Minimum	3,401
Maximum	12,599
Mean	7,388
Standard Deviation (σ)	1,232
Mean + 3σ	11,085

N

Legend

Survey Unit Boundary

Gamma Survey Results (Z-Score)

- ≤ 0.9
- 1.0 - 1.9
- 2.0 - 2.9
- ≥ 3.0

Note: Gamma Survey was performed with RS-700 and Ludlum 2221/44-20 (3x3 NaI).

0 100 200
Scale (feet)

SU 6 GAMMA SCAN RESULTS - HORIZONTAL SURFACES

HUNTERS POINT NAVAL SHIPYARD SAN FRANCISCO, CALIFORNIA

4/2020	PROJECT No. R3-0016.01	FIGURE 13

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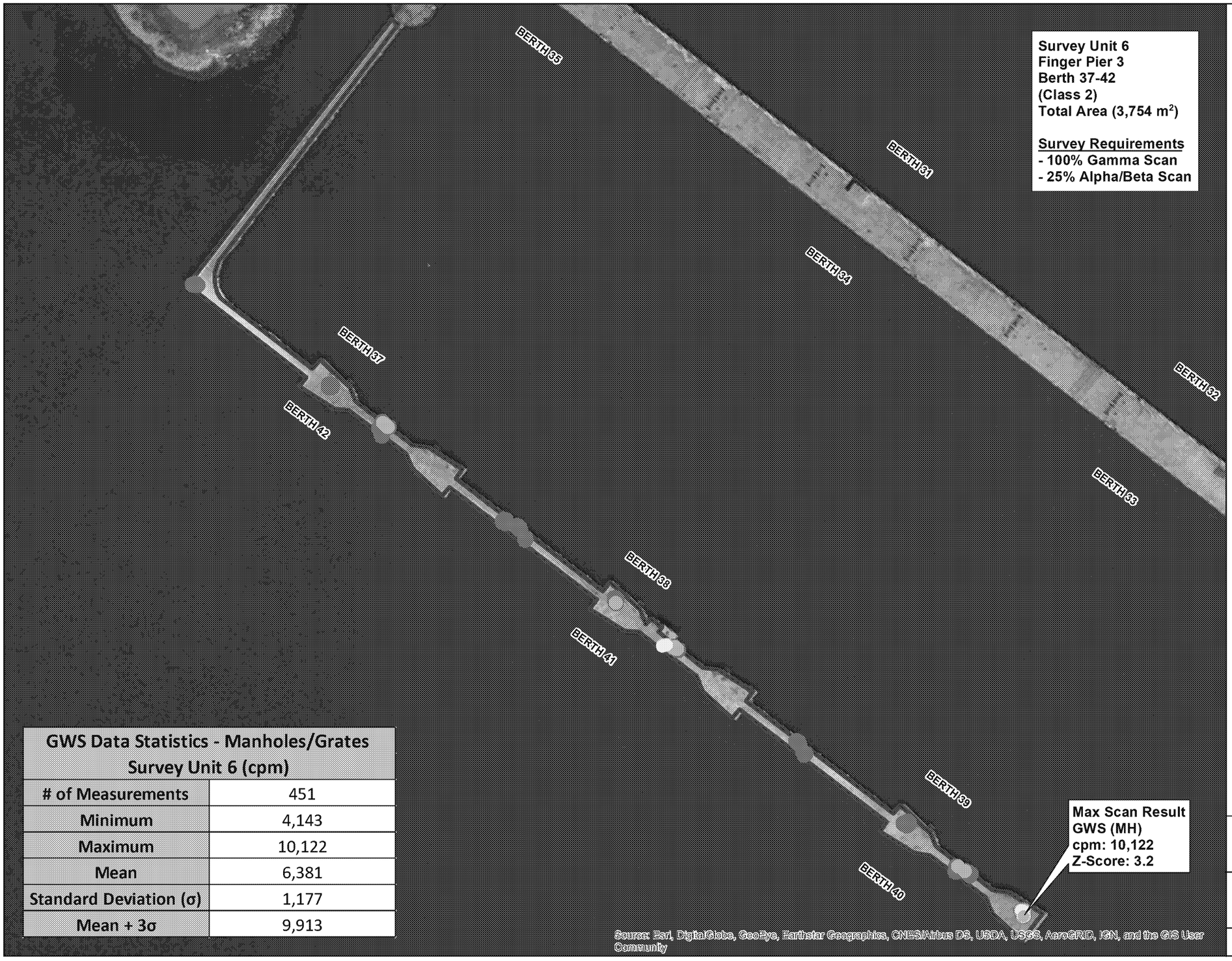

GWS Data Statistics - Manholes/Grates Survey Unit 6 (cpm)	
# of Measurements	451
Minimum	4,143
Maximum	10,122
Mean	6,381
Standard Deviation (σ)	1,177
Mean + 3σ	9,913

N

Legend

Survey Unit Boundary

Gamma Survey Results (Z-Score)

- ≤ 0.9
- 1.0 - 1.9
- 2.0 - 2.9
- ≥ 3.0

Note: Gamma Survey was performed with Ludlum 2221/44-20 (3x3 NaI).

0 100 200
Scale (feet)

SU 6 GAMMA SCAN RESULTS - MANHOLE/ GRATE SURFACES

HUNTERS POINT NAVAL SHIPYARD
SAN FRANCISCO, CALIFORNIA

4/2020	PROJECT No. R3-0016.01	FIGURE 14

DCN: APTM-0006-4550-0118

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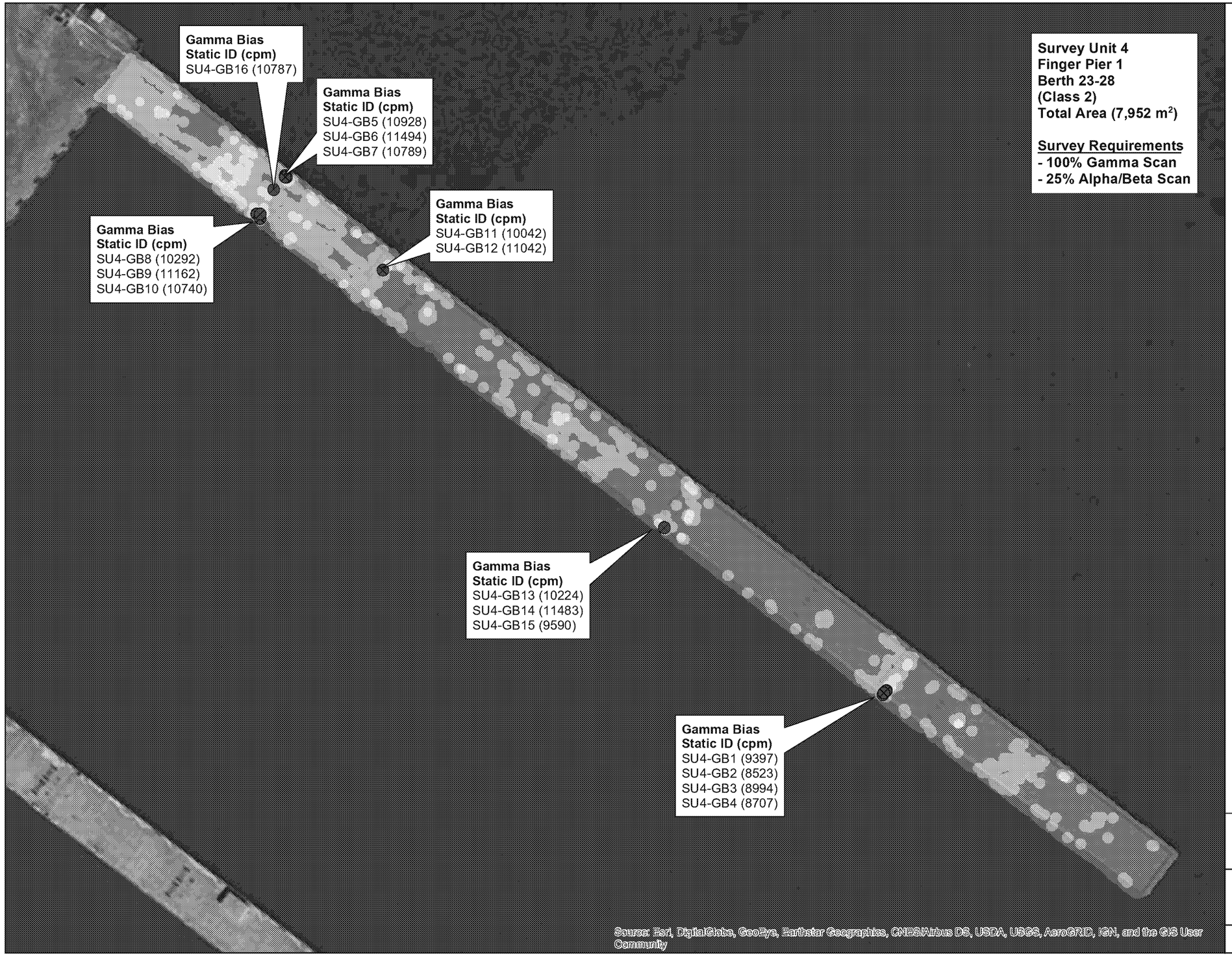

N

Legend

- Gamma Bias Static
- Survey Unit Boundary

Gamma Survey Results (Z-Score)

- ≤ 0.9
- 1.0 - 1.9
- 2.0 - 2.9
- ≥ 3.0

Note: Gamma Survey was performed with RS-700 and Ludlum 2221/44-20 (3x3 NaI). Static measurements collected with Ludlum 2221/44-20 (3x3 NaI).

Gamma Bias Static Measurement Investigation Level (IL)
Concrete = 14,421 cpm
Metal = 7,184 cpm

'RED' cpm result indicates that the static result exceeds the IL and an Inspector 1000 shot was collected.

cpm = counts per minute

0 100 200
Scale (feet)

SU 4 GAMMA STATIC RESULTS

**HUNTERS POINT NAVAL SHIPYARD
SAN FRANCISCO, CALIFORNIA**

4/2020	PROJECT No. R3-0016.01	FIGURE 15

DCN: APTM-0006-4550-0118

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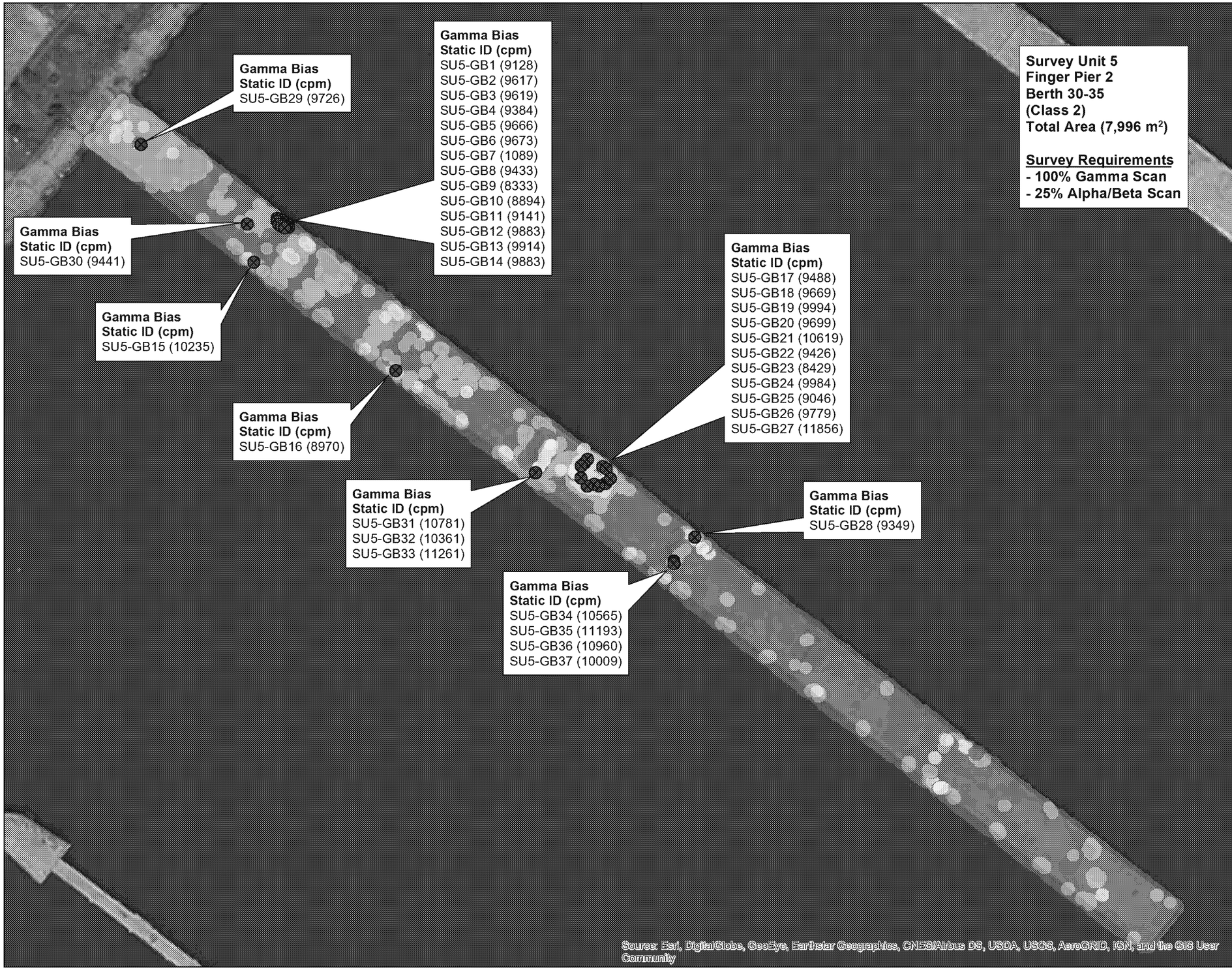

N

Legend

- Gamma Bias Static
- Survey Unit Boundary

Gamma Survey Results (Z-Score)

- ≤ 0.9
- 1.0 - 1.9
- 2.0 - 2.9
- ≥ 3.0

Note: Gamma Survey was performed with RS-700 and Ludlum 2221/44-20 (3x3 NaI). Static measurements collected with Ludlum 2221/44-20 (3x3 NaI).

Gamma Bias Static Measurement Investigation Level (IL)
Concrete = 14,421 cpm
Metal = 7,184 cpm

'RED' cpm result indicates that the static result exceeds the IL and an Inspector 1000 shot was collected.

cpm = counts per minute

0 100 200
Scale (feet)

SU 5 GAMMA STATIC RESULTS

**HUNTERS POINT NAVAL SHIPYARD
SAN FRANCISCO, CALIFORNIA**

4/2020	PROJECT No. R3-0016.01	FIGURE 16

DCN: APTM-0006-4550-0118

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Survey Unit 6
Finger Pier 3
Berth 37-42
(Class 2)
Total Area (3,754 m²)

Survey Requirements
- **100% Gamma Scan**
- **25% Alpha/Beta Scan**

N

Legend

- Gamma Bias Static
- Survey Unit Boundary

Gamma Survey Results (Z-Score)

- ≤ 0.9
- 1.0 - 1.9
- 2.0 - 2.9
- ≥ 3.0

Note: Gamma Survey was performed with RS-700 and Ludlum 2221/44-20 (3x3 NaI). Static measurements collected with Ludlum 2221/44-20 (3x3 NaI).

Gamma Bias Static Measurement Investigation Level (IL)
Concrete = 14,421 cpm
Metal = 7,184 cpm

'RED' cpm result indicates that the static result exceeds the IL and an Inspector 1000 shot was collected.

cpm = counts per minute

0 100 200
Scale (feet)

SU 6 GAMMA STATIC RESULTS

HUNTERS POINT NAVAL SHIPYARD
SAN FRANCISCO, CALIFORNIA

4/2020	PROJECT No. R3-0016.01	FIGURE 17

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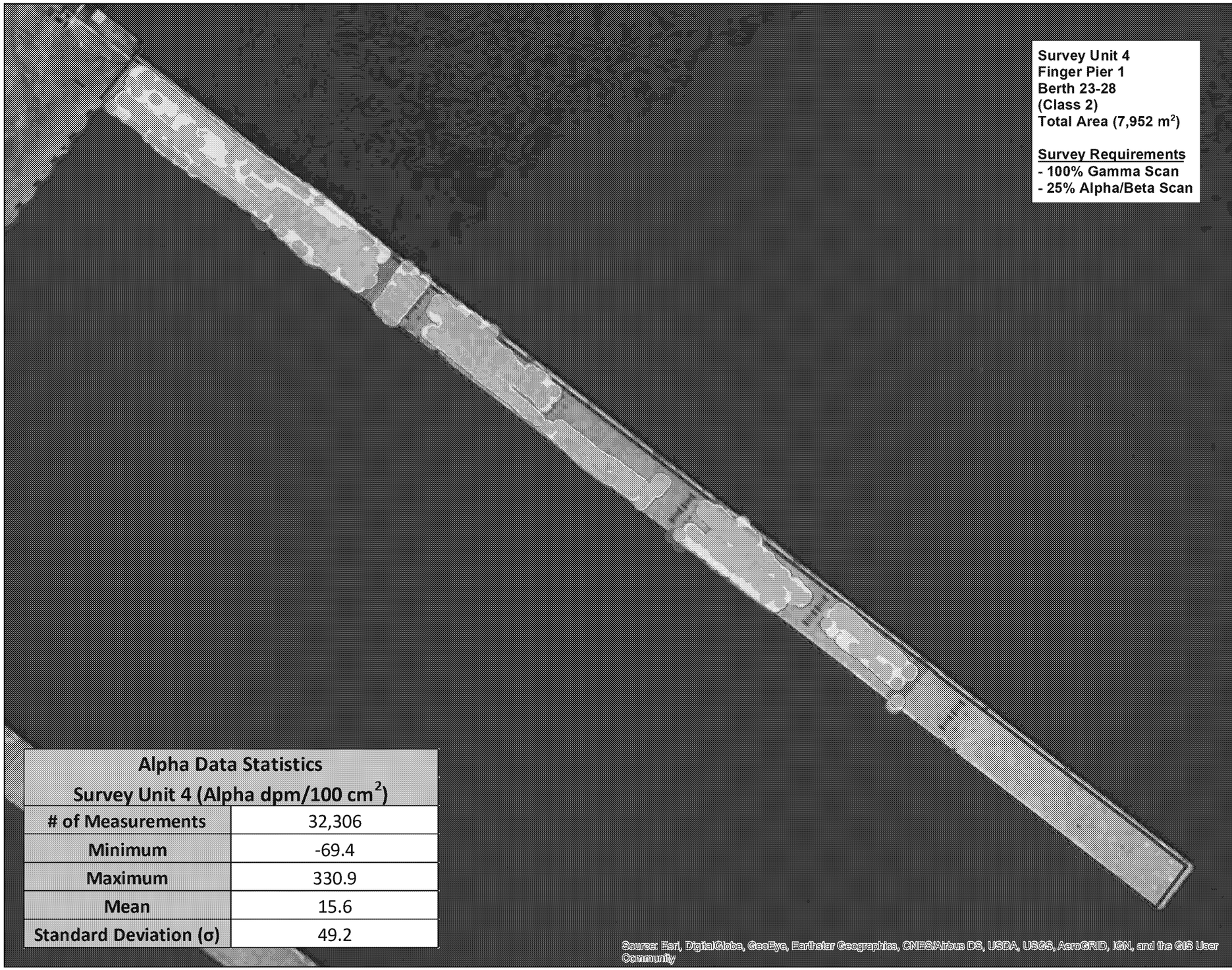

Alpha Data Statistics Survey Unit 4 (Alpha dpm/100 cm^2)	
# of Measurements	32,306
Minimum	-69.4
Maximum	330.9
Mean	15.6
Standard Deviation (σ)	49.2

N

Legend

Survey Unit Boundary

Scan Data Results (Alpha dpm/100 cm2)

- ≤19.9
- 20.0 - 49.9
- 50.0 - 99.9
- ≥100.0

Note: Alpha-Beta survey was performed with a Ludlum 2360/ 43-37 Floor Monitor

0 80 160
Scale (feet)

SU 4 ALPHA SCAN RESULTS - HORIZONTAL SURFACES

HUNTERS POINT NAVAL SHIPYARD SAN FRANCISCO, CALIFORNIA

4/2020	PROJECT No. R3-0016.01	FIGURE 18

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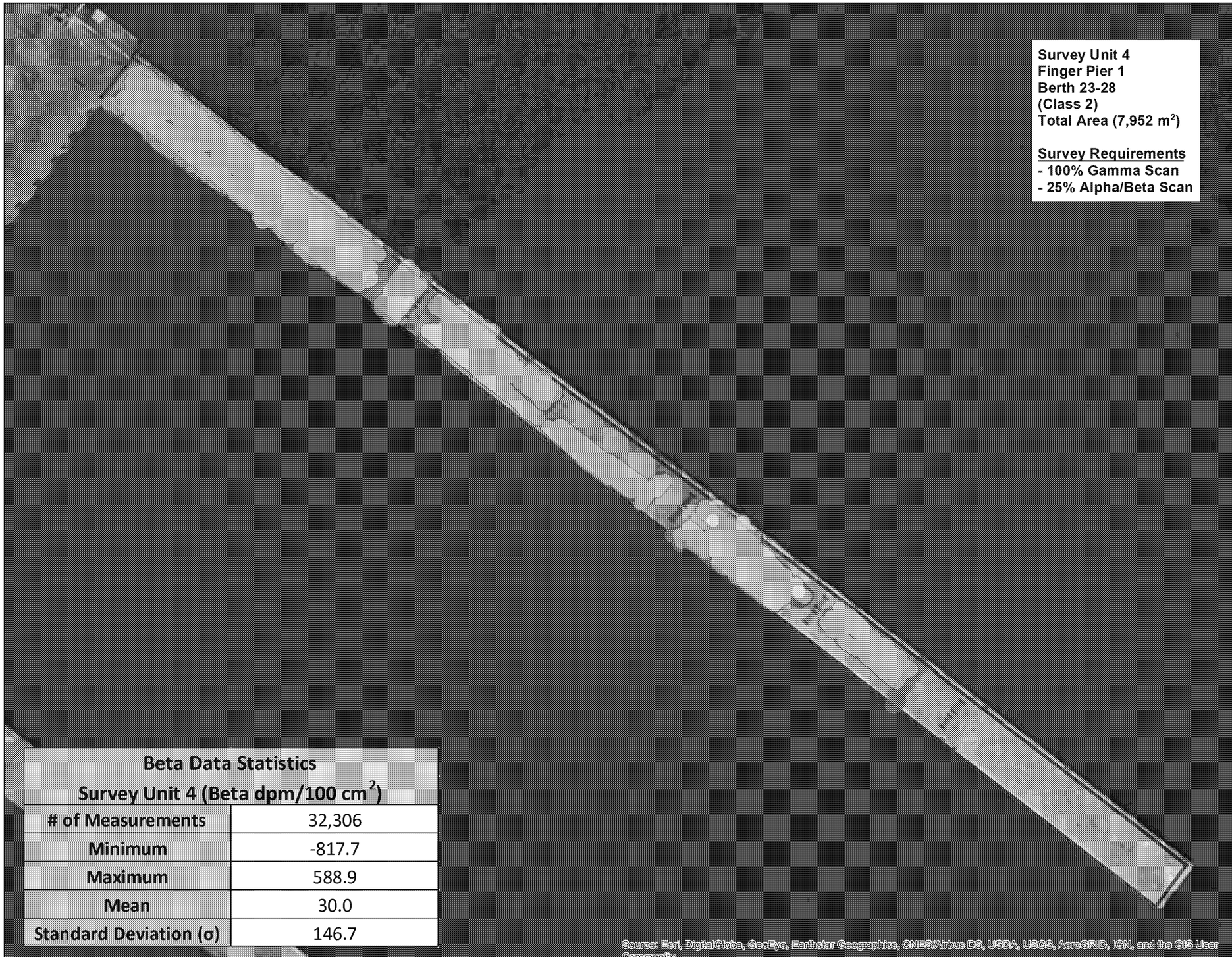

Beta Data Statistics Survey Unit 4 (Beta dpm/100 cm^2)	
# of Measurements	32,306
Minimum	-817.7
Maximum	588.9
Mean	30.0
Standard Deviation (σ)	146.7

N

Legend

Survey Unit Boundary

Scan Data Results

(Beta dpm/100 cm2)

- ≤199.9
- 200.0 - 499.9
- 500.0 - 999.9
- ≥1000.0

Note: Alpha-Beta survey was performed with a Ludlum 2360/ 43-37 Floor Monitor

0 80 160
Scale (feet)

SU 4 BETA SCAN RESULTS - HORIZONTAL SURFACES

HUNTERS POINT NAVAL SHIPYARD SAN FRANCISCO, CALIFORNIA

4/2020	PROJECT No. R3-0016.01	FIGURE 19

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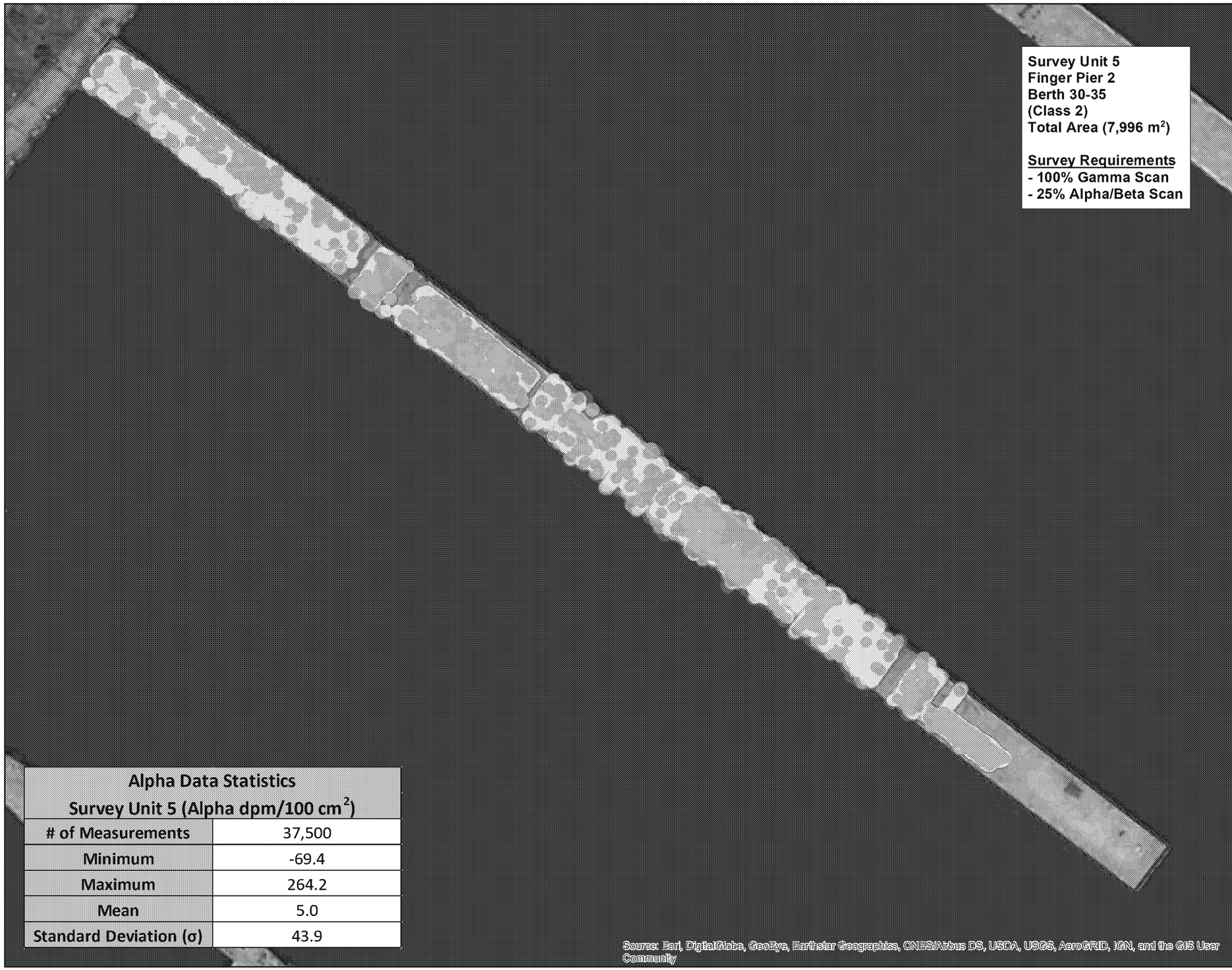

Alpha Data Statistics Survey Unit 5 (Alpha dpm/100 cm²)	
# of Measurements	37,500
Minimum	-69.4
Maximum	264.2
Mean	5.0
Standard Deviation (σ)	43.9

N

Legend

Survey Unit Boundary

Scan Data Results (Alpha dpm/100 cm2)

- ≤19.9
- 20.0 - 49.9
- 50.0 - 99.9
- ≥100.0

Note: Alpha-Beta survey was performed with a Ludlum 2360/ 43-37 Floor Monitor

0 100 200
Scale (feet)

SU 5 ALPHA SCAN RESULTS - HORIZONTAL SURFACES

HUNTERS POINT NAVAL SHIPYARD SAN FRANCISCO, CALIFORNIA

12/2019	PROJECT No. R3-0016.01	FIGURE 20

DCN: APTM-0006-4550-0118

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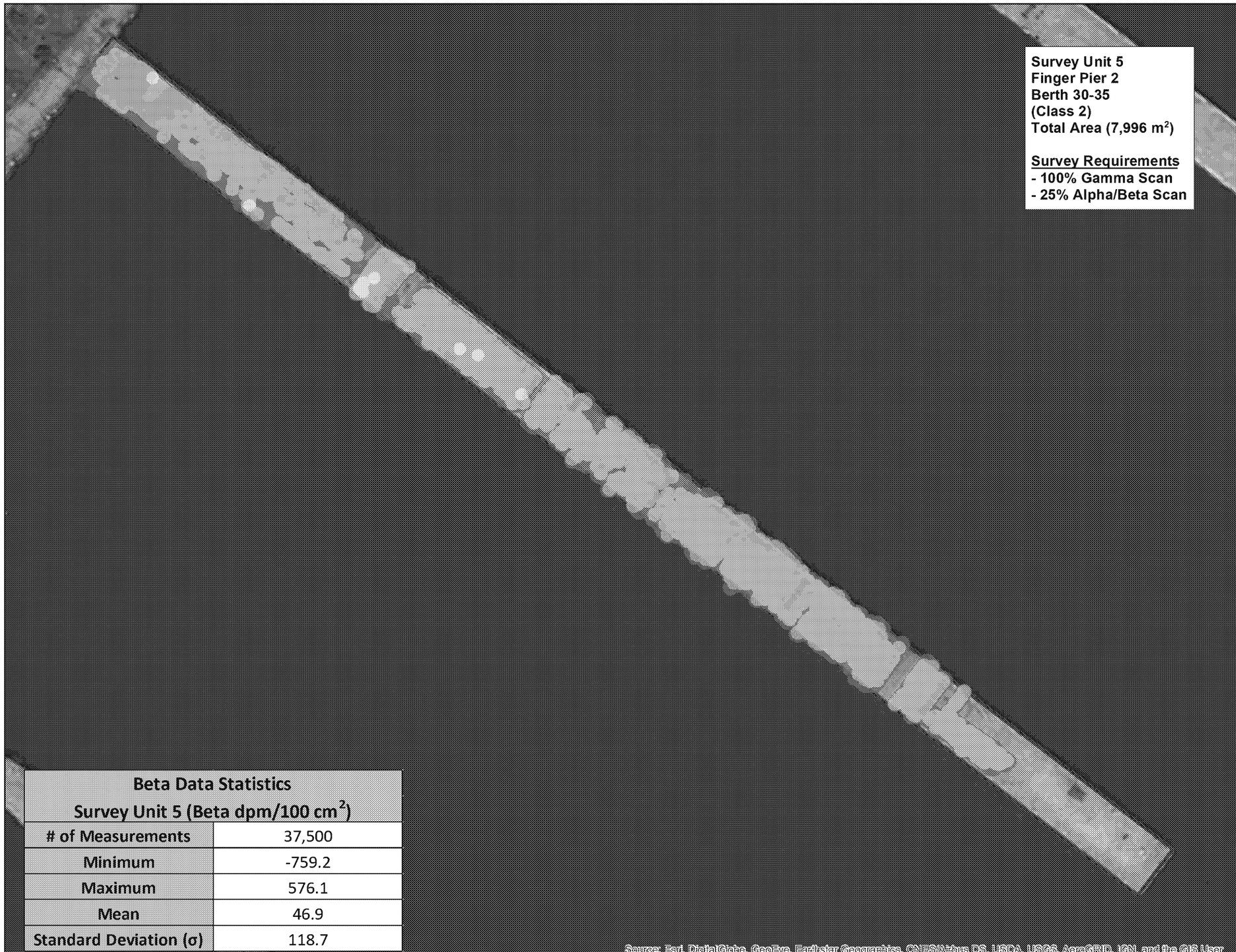

Beta Data Statistics Survey Unit 5 (Beta dpm/100 cm^2)	
# of Measurements	37,500
Minimum	-759.2
Maximum	576.1
Mean	46.9
Standard Deviation (σ)	118.7

N

Legend

Survey Unit Boundary

Scan Data Results
(Beta dpm/100 cm2)

- ≤199.9
- 200.0 - 499.9
- 500.0 - 999.9
- ≥1000.0

Note: Alpha-Beta survey was performed with a Ludlum 2360/ 43-37 Floor Monitor

0 100 200
Scale (feet)

SU 5 BETA SCAN RESULTS - HORIZONTAL SURFACES

HUNTERS POINT NAVAL SHIPYARD SAN FRANCISCO, CALIFORNIA

12/2019	PROJECT No. R3-0016.01	FIGURE 21

DCN: APTM-0006-4550-0118

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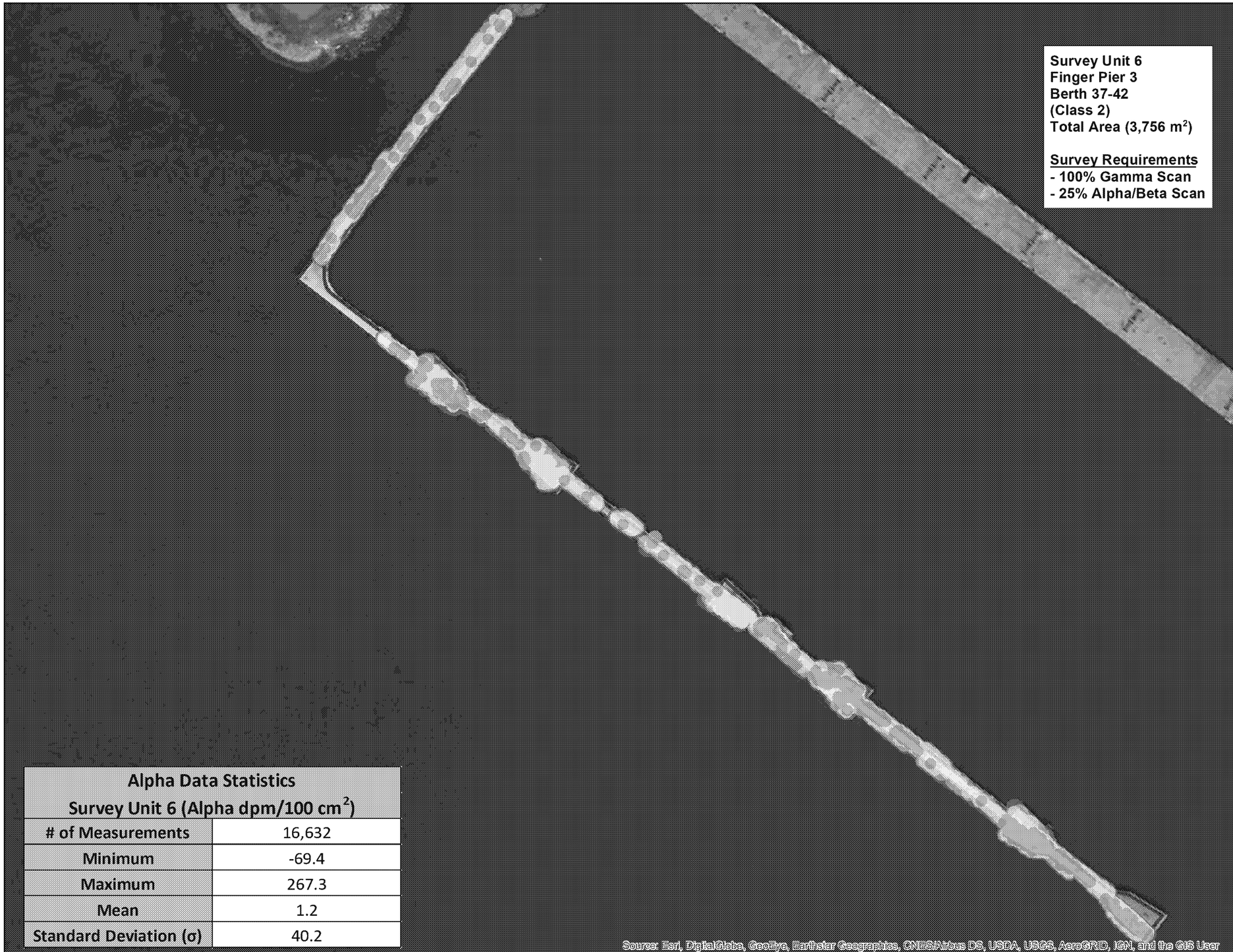

Alpha Data Statistics Survey Unit 6 (Alpha dpm/100 cm^2)	
# of Measurements	16,632
Minimum	-69.4
Maximum	267.3
Mean	1.2
Standard Deviation (σ)	40.2

N

Legend

Survey Unit Boundary

Scan Data Results (Alpha dpm/100 cm2)

- ≤19.9
- 20.0 - 49.9
- 50.0 - 99.9
- ≥100.0

Note: Alpha-Beta survey was performed with a Ludlum 2360/ 43-37 Floor Monitor

0 100 200
Scale (feet)

SU 6 ALPHA SCAN RESULTS - HORIZONTAL SURFACES

HUNTERS POINT NAVAL SHIPYARD SAN FRANCISCO, CALIFORNIA

4/2020	PROJECT No. R3-0016.01	FIGURE 22

DCN: APTM-0006-4550-0118

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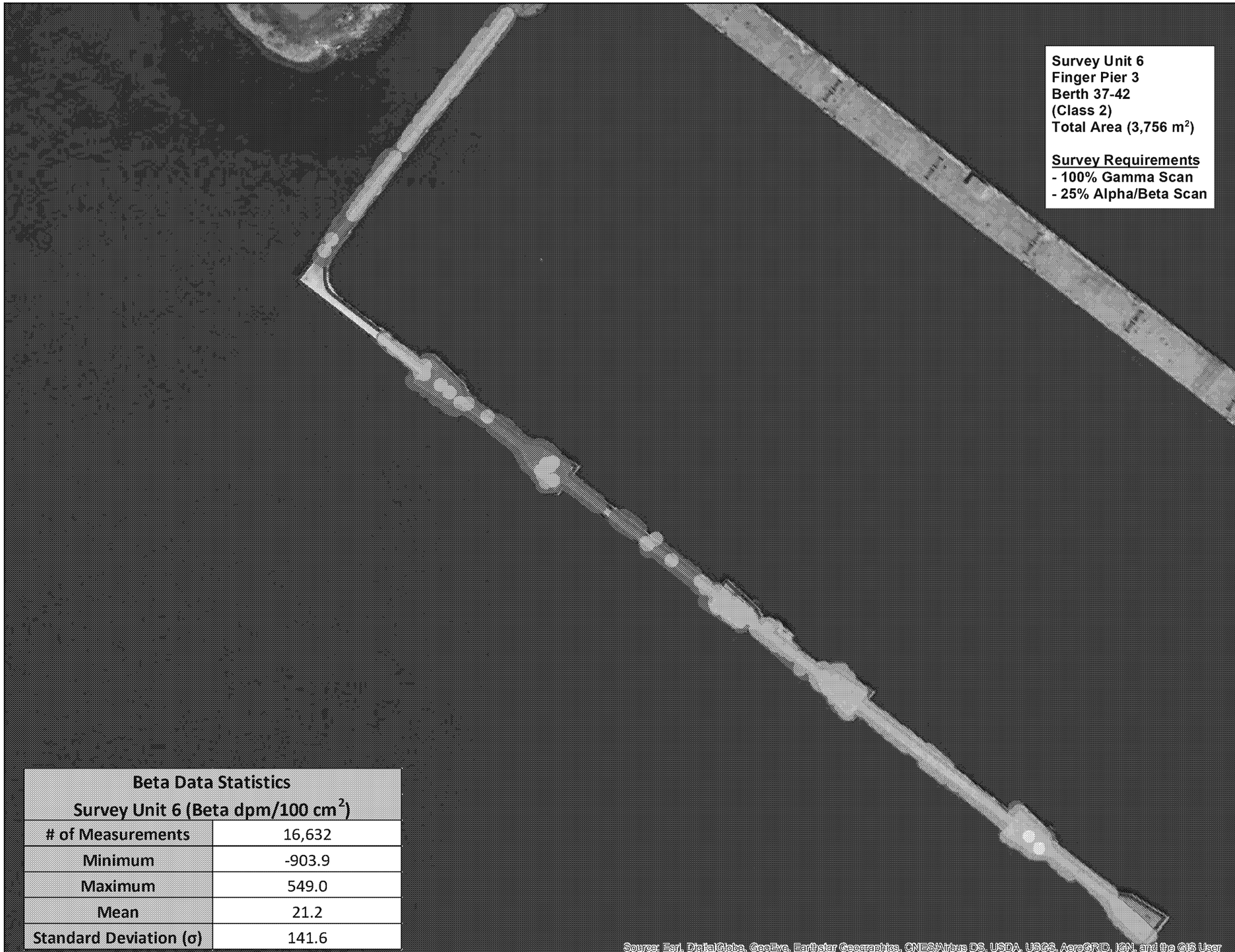

Beta Data Statistics Survey Unit 6 (Beta dpm/100 cm^2)	
# of Measurements	16,632
Minimum	-903.9
Maximum	549.0
Mean	21.2
Standard Deviation (σ)	141.6

N

Legend

Survey Unit Boundary

Scan Data Results

(Beta dpm/100 cm2)

- ≤199.9
- 200.0 - 499.9
- 500.0 - 999.9
- ≥1000.0

Note: Alpha-Beta survey was performed with a Ludlum 2360/ 43-37 Floor Monitor

0 100 200
Scale (feet)

SU 6 BETA SCAN RESULTS - HORIZONTAL SURFACES

HUNTERS POINT NAVAL SHIPYARD SAN FRANCISCO, CALIFORNIA

4/2020	PROJECT No. R3-0016.01	FIGURE 23

DCN: APTM-0006-4550-0118

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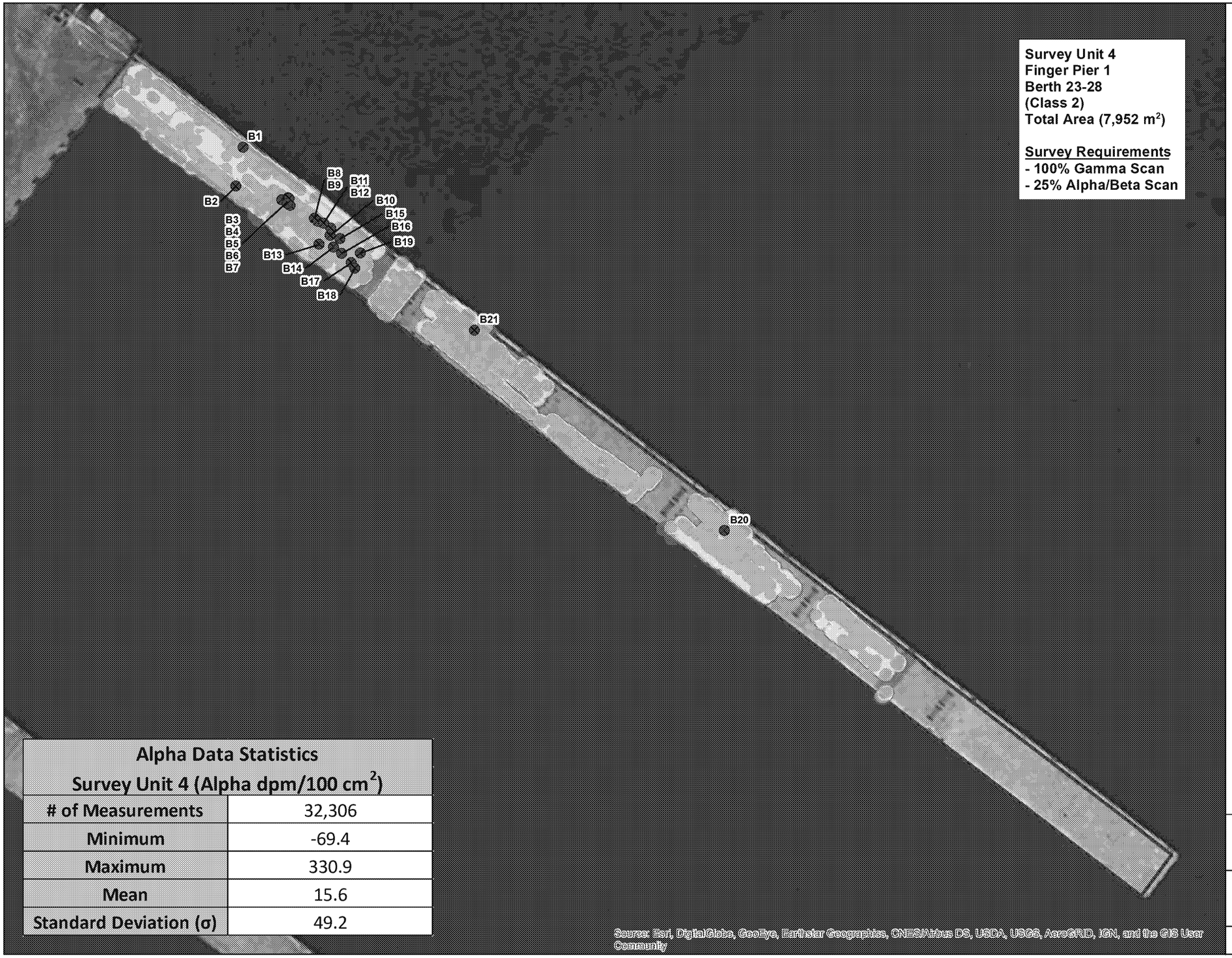

Alpha Data Statistics Survey Unit 4 (Alpha dpm/100 cm²)	
# of Measurements	32,306
Minimum	-69.4
Maximum	330.9
Mean	15.6
Standard Deviation (σ)	49.2

Legend

- Alpha-Beta Bias Measurement
- Survey Unit Boundary

Scan Data Results
(Alpha dpm/100 cm2)

- ≤19.9
- 20.0 - 49.9
- 50.0 - 99.9
- ≥100.0

Note: Alpha-Beta survey was performed with a Ludlum 2360/ 43-37 Floor Monitor

0 80 160
Scale (feet)

SU 4 ALPHA-BETA BIAS MEASUREMENT LOCATIONS

HUNTERS POINT NAVAL SHIPYARD SAN FRANCISCO, CALIFORNIA

4/2020	PROJECT No. R3-0016.01	FIGURE 24

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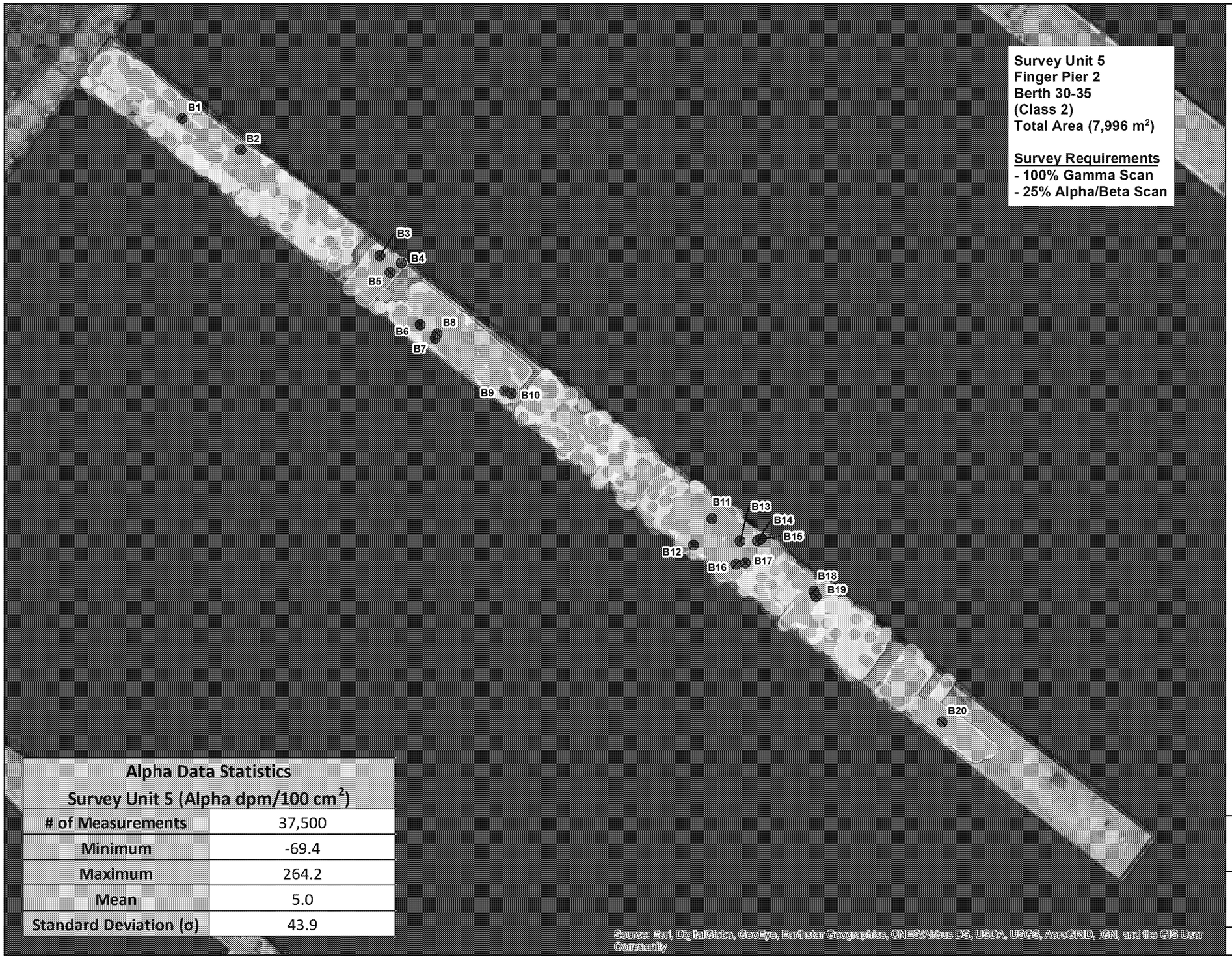

Alpha Data Statistics Survey Unit 5 (Alpha dpm/100 cm²)	
# of Measurements	37,500
Minimum	-69.4
Maximum	264.2
Mean	5.0
Standard Deviation (σ)	43.9

N

Legend

- Alpha-Beta Bias Measurement
- Survey Unit Boundary

Scan Data Results
(Alpha dpm/100 cm2)

- ≤19.9
- 20.0 - 49.9
- 50.0 - 99.9
- ≥100.0

Note: Alpha-Beta survey was performed with a Ludlum 2360/ 43-37 Floor Monitor

0 100 200
Scale (feet)

SU 5 ALPHA-BETA BIAS MEASUREMENT LOCATIONS

HUNTERS POINT NAVAL SHIPYARD SAN FRANCISCO, CALIFORNIA

4/2020	PROJECT No. R3-0016.01	FIGURE 25

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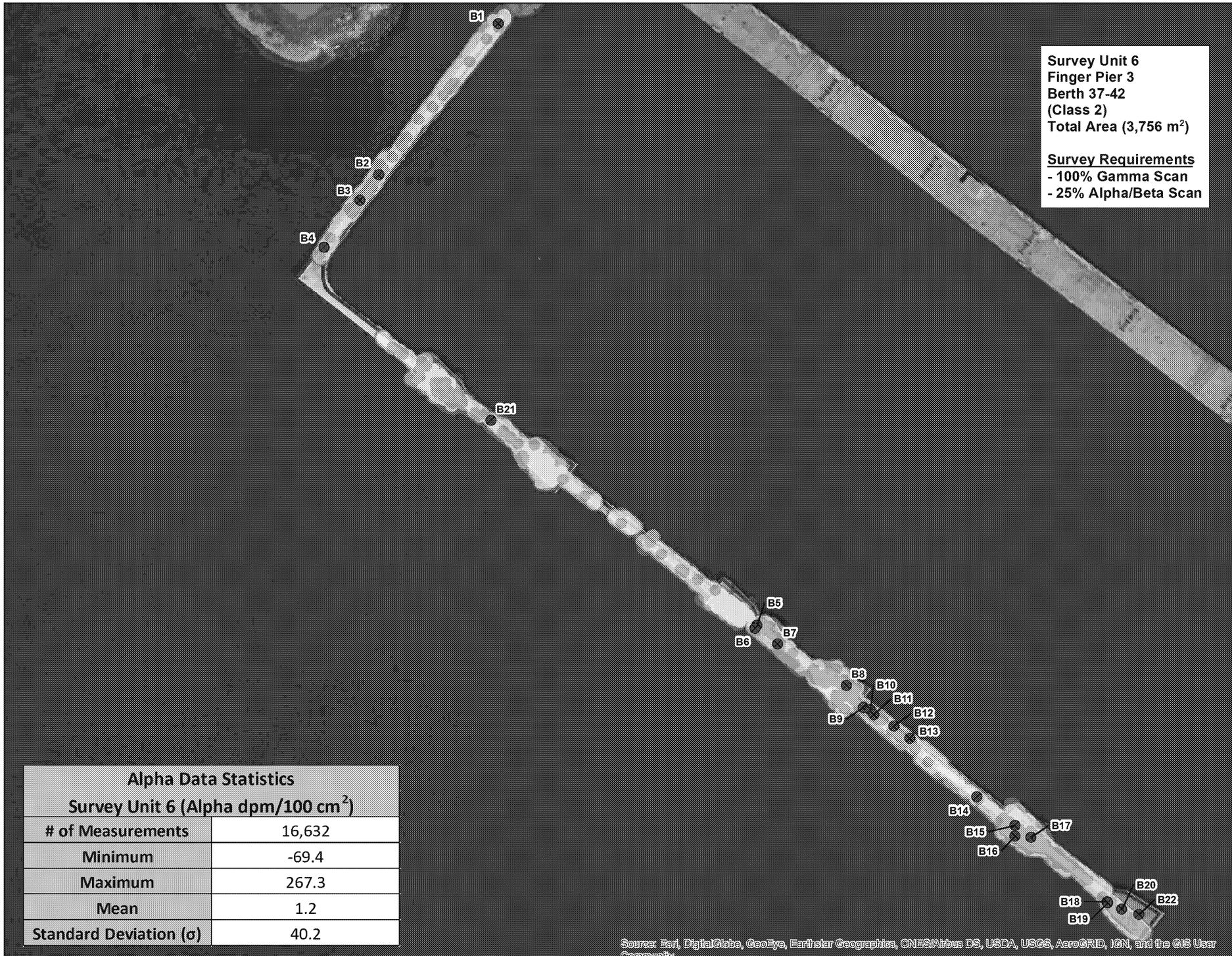

Alpha Data Statistics Survey Unit 6 (Alpha dpm/100 cm^2)	
# of Measurements	16,632
Minimum	-69.4
Maximum	267.3
Mean	1.2
Standard Deviation (σ)	40.2

N

Legend

- Alpha-Beta Bias Measurement
- Survey Unit Boundary

Scan Data Results
(Alpha dpm/100 cm2)

- ≤19.9
- 20.0 - 49.9
- 50.0 - 99.9
- ≥100.0

Note: Alpha-Beta survey was performed with a Ludlum 2360/ 43-37 Floor Monitor

0 100 200
Scale (feet)

SU 6 ALPHA-BETA BIAS MEASUREMENT LOCATIONS

HUNTERS POINT NAVAL SHIPYARD SAN FRANCISCO, CALIFORNIA

4/2020	PROJECT No. R3-0016.01	FIGURE 26

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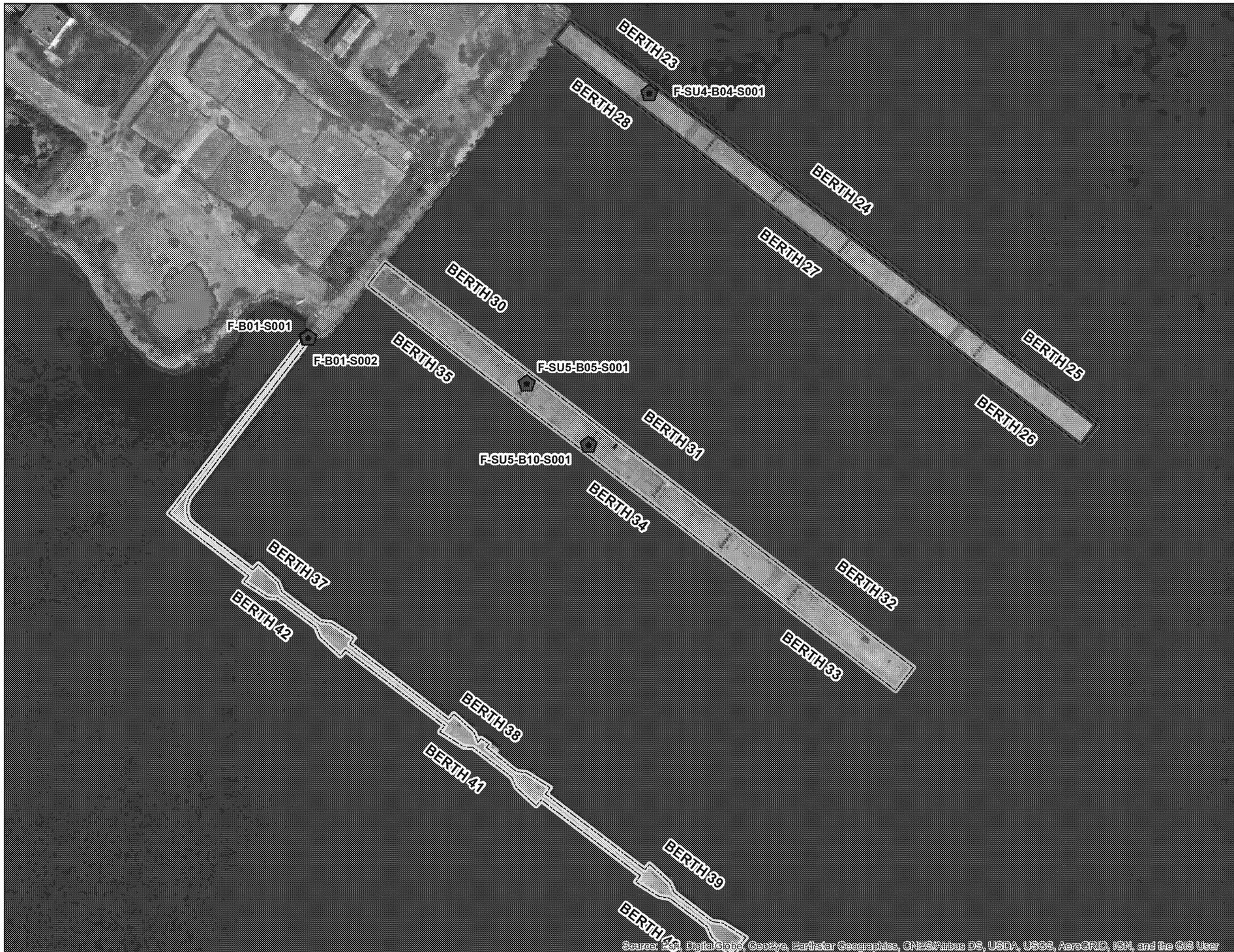

N

Legend

Survey Unit Boundary

SU 4

SU 5

SU 6

0 200 400

Scale (feet)

SUs 4, 5, & 6 SAMPLE LOCATIONS

HUNTERS POINT NAVAL SHIPYARD
SAN FRANCISCO, CALIFORNIA

5/2020	PROJECT No. R3-0016.01	FIGURE 27

DCN: APTM-0006-4550-0118

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TABLES

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Table 1: Radionuclides of Concern and Release Criteria

ROC	Half-Life	Radiations	Static Activity for Alpha and Beta (dpm/100 cm^2)	Removable Activity for Alpha and Beta (dpm/100 cm^2)
^{226}Ra	1,600 years	Alpha (α)/Gamma (γ)	100	20
^{137}Cs	30.17 years	Beta (β-)/Gamma (γ)	5,000	1,000
^{239}Pu	2.41×10^4 years	Alpha (α)/Gamma (γ)	100	20
^{90}Sr	28.6 years	Beta (β-)	1,000	200

Notes:
Release criteria are to be applied according to *Multi-Agency Radiation Survey and Site Investigation Manual (MARSSIM)* (U.S. Environmental Protection Agency et al., 2000) guidelines as established in the *Final Basewide Radiological Removal Action, Action Memorandum—Revision 2006, Hunters Point Shipyard, San Francisco, California* (U.S. Department of the Navy, 2006).

^{90}Sr	strontium-90
^{137}Cs	cesium-137
^{226}Ra	raduim-226
^{239}Pu	plutonium-239
dpm/100 cm^2	disintegration per minute per 100 square centimeters
ROC	radionuclide of concern

References:
U.S. Department of the Navy, 2006, *Final Basewide Radiological Removal Action, Action Memorandum—Revision 2006, Hunters Point Shipyard, San Francisco, California*.
U.S. Environmental Protection Agency, U.S. Nuclear Regulatory Commission, and U.S. Department of Energy, 2000, *Multi-Agency Radiation Survey and Site Investigation Manual (MARSSIM)*, NUREG 1575, EPA 402 R 97 016, DOE/EH 0624, Revision 1, Washington, D.C.

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Table 2: Survey Unit Designations for Finger Piers

Site Location	Survey Unit	Site Location Detail	MARSSIM Classification	Gamma Scanning	Alpha/Beta Scanning	Survey Description
Finger Piers	4	Finger Pier 1/ Ship Berths 23–28 7,166 m^2	Class 2	100 percent	25 percent	Survey of horizontal surfaces of Finger Pier 1 (Figure 4)
	5	Finger Pier 2/ Ship Berths 30–35 7,996 m^2				Survey of horizontal surfaces of Finger Pier 2 (Figure 5)
	6	Finger Pier 3/ Ship Berths 37–42 3,161 m^2				Survey of horizontal surfaces of Finger Pier 3 (Figure 6)

Notes

HRA Section 8.3.7.2 (Naval Sea Systems Command, 2004) states the current potential for contaminated media as low or none. As defined in the HRA, a low potential categorization for media contamination indicates that the contamination potential is remote. The Parcel F finger piers scoping survey was designed to meet the requirements of a *Multi-Agency Radiation Survey and Site Investigation Manual (MARSSIM)* (U.S. Environmental Protection Agency et al., 2000) Class 2 final status survey in the *Final Revision 2, Radiological Scoping Surveys Work Plan, Parcel F Structures, Hunters Point Naval Shipyard, San Francisco, California* (Aptim Federal Services, LLC, 2019).

HRA *Final Historical Radiological Assessment Volume II, History of the Use of General Radioactive Materials, 1939–2003, Hunters Point Shipyard, San Francisco, California*

m^2 square meter

Table 2: Survey Unit Designations for Finger Piers

References:

Aptim Federal Services, LLC, 2019, *Final Revision 2, Radiological Scoping Surveys Work Plan, Parcel F Structures, Hunters Point Naval Shipyard, San Francisco, California*, May.

Naval Sea Systems Command, 2004, *Final Historical Radiological Assessment Volume II, History of the Use of General Radioactive Materials, 1939–2003, Hunters Point Shipyard, San Francisco, California*, August 31.

U.S. Environmental Protection Agency, U.S. Nuclear Regulatory Commission, and U.S. Department of Energy, 2000, *Multi-Agency Radiation Survey and Site Investigation Manual (MARSSIM)*, NUREG 1575, EPA 402 R 97 016, DOE/EH 0624, Revision 1, Washington, D.C.

Table 3: Field Survey Instrumentation

Measurement Type	Detector Type	Effective Detector Area and Window Density	Instrument Model	Detector Model
Dose Rate	NaI(Tl) Scintillation	1-inch diameter × 1-inch length 2.7 g/cm^3 aluminum	Ludlum 19	N/A
Beta-Gamma	Geiger-Muller Survey Instrument	15 cm^2 0.3 mg/cm^2 mica	Ludlum 3	Ludlum 44-9
Gamma	NaI(Tl) Scintillation	3-inch × 3-inch length 2.7 g/cm^3 aluminum	Ludlum 2221	Ludlum 44-20
Gamma	NaI(Tl) Scintillation	4-inch × 4-inch × 16-inch length 2.7 g/cm^3 aluminum	RS-700	RSX-1
Gamma	NaI Spectrometer (Nuclide Identification)	1.5-inch diameter x 1.5-inch length 2.7 g/cm^3 aluminum	Canberra InSpector 1000	N/A
Alpha/Beta Scan	Gas Flow Proportional	Floor Monitor Large Area (584 cm^2) 0.8 mg/cm^2 mylar	Ludlum 2360	Ludlum 43-37
Alpha/Beta Static	Gas Flow Proportional	Large Area (584 cm^2) 0.8 mg/cm^2 mylar	Ludlum 2360	Ludlum 43-37
Alpha/Beta Swipes	Dual Phosphor Scintillation	2-inch (5.1 cm) diameter 0.4 mg/cm^2 mylar	Ludlum 2929	Ludlum 43-10-1

Notes:

cm	centimeter
cm^2	square centimeter
g/cm^3	gram per cubic centimeter
mg/cm^2	milligram per square centimeter
N/A	not applicable
NaI	sodium iodide
NaI (Tl)	sodium iodide (thallium-doped)

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Table 4: Calculated Minimum Detectable Concentrations for Field Instrumentation

Model No. (ratemeter/detector)	Serial No. (ratemeter/detector)	Surface Type	Nuclide Type	Background Count Rate (cpm) [a]	Background Count Time (min.) [b]	Sample Count Time (min.)	Total Efficiency [c]	Detector Active Area (cm^2)	MDC ($dpm/100\ cm^2$)
Alpha and Beta Surface Scan—sequential six-second static counts (Section 3.4.4)									
2360/43-37	278586/PR178371	Concrete	Alpha	15.4	40	0.1	0.067	584	173
		Concrete	Beta	760.8	40	0.1	0.190	584	283
2360/43-37	215271/PR216985	Concrete	Alpha	23.1	40	0.1	0.074	584	180
		Concrete	Beta	871.3	40	0.1	0.192	584	298
2360/43-37	220263/PR216985	Concrete	Alpha	31.2	40	0.1	0.077	584	190
		Concrete	Beta	1,087.5	40	0.1	0.206	584	307
2360/43-37	278604/PR190617	Concrete	Alpha	20.3	40	0.1	0.067	584	189
		Concrete	Beta	975.9	40	0.1	0.196	584	309
2360/43-37	245779/PR190618	Concrete	Alpha	21.2	40	0.1	0.066	584	195
		Concrete	Beta	995.2	40	0.1	0.207	584	295
2360/43-37	275739/PR302114	Concrete	Alpha	34.5	40	0.1	0.076	584	198
		Concrete	Beta	1,061.1	40	0.1	0.195	584	321
2360/43-37	220242/PR124946	Concrete	Alpha	27.2	40	0.1	0.076	584	184
		Concrete	Beta	871.4	40	0.1	0.193	584	297
Alpha and Beta Static Measurements (Section 3.4.5)									
2360/43-37	278586/PR178371	Concrete	Alpha	15.4	40	2	0.067	584	27
		Concrete	Beta	760.8	40	2	0.190	584	60
2360/43-37	215271/PR216985	Concrete	Alpha	23.1	40	2	0.074	584	30
		Concrete	Beta	871.3	40	2	0.192	584	64
		Metal	Alpha	5.3	40	2	0.074	584	16
		Metal	Beta	416.5	40	2	0.192	584	45
2360/43-37	220263/PR216985	Concrete	Alpha	31.2	40	2	0.077	584	33
		Concrete	Beta	1,087.5	40	2	0.206	584	66
2360/43-37	278604/PR190617	Concrete	Alpha	20.3	40	2	0.067	584	31
		Concrete	Beta	975.9	40	2	0.196	584	66
2360/43-37	245779/PR190618	Concrete	Alpha	21.2	40	2	0.066	584	32
		Concrete	Beta	995.2	40	2	0.207	584	64
2360/43-37	275739/PR302114	Concrete	Alpha	34.5	40	2	0.076	584	35
		Concrete	Beta	1,061.1	40	2	0.195	584	69
2360/43-37	220242/PR124946	Concrete	Alpha	27.2	40	2	0.076	584	31
		Concrete	Beta	871.4	40	2	0.193	584	64
Alpha and Beta Smears (Section 3.4.6)									
2929/43-10-1	155577/PR157789	Smear	Alpha	0.1	10	1	0.33	100	12
		Smear	Beta	47.1	10	1	0.38	100	70

Table 4: Calculated Minimum Detectable Concentrations for Field Instrumentation

Notes:
[a] Background count rate based on actual field measurements on concrete.
[b] Background count time and total number of background counts for the 2360/43-37 are based on 20 separate 2-minute counts in the reference background area, and for the 2929/43-10-1 are based on a daily 10-minute instrument background check.
[c] Total efficiency equals instrument efficiency times surface efficiency. The efficiencies provided were measured in the field.

cm^2	square centimeter
cpm	count per minute
dpm/100 cm^2	disintegration per minute per 100 square centimeters
MDC	minimum detectable concentration
min.	minute

Table 5: Reference Background Area Summary Statistics

Model No. (ratemeter/detector)	Serial No. (ratemeter/detector)	Nuclide Type	Matrix	Number of Measurements	Minimum (cpm)	Maximum (cpm)	Mean (cpm)	Standard Deviation	Static IL [a]
Alpha Beta Field Instrumentation									
2360/43-37	278586/PR178371	Alpha	Concrete	20	7.5	24.0	15.4	3.8	50 dpm/100 cm^2
		Beta		20	729.0	799.5	760.8	19.5	500 dpm/100 cm^2
		Alpha	Metal	20	3.0	7.5	4.9	1.4	50 dpm/100 cm^2
		Beta		20	395.0	463.5	436.8	19.0	500 dpm/100 cm^2
2360/43-37	215271/PR216985	Alpha	Concrete	20	16.0	32.0	23.1	3.6	50 dpm/100 cm^2
		Beta		20	819.0	914.0	871.3	27.8	500 dpm/100 cm^2
		Alpha	Metal	20	2.5	8.5	5.3	1.5	50 dpm/100 cm^2
		Beta		20	388.5	457.0	416.5	14.4	500 dpm/100 cm^2
2360/43-37	220263/PR216985	Alpha	Concrete	20	25.0	40.5	31.2	4.0	50 dpm/100 cm^2
		Beta		20	1025.5	1131.0	1087.5	29.9	500 dpm/100 cm^2
		Alpha	Metal	20	7.5	19.5	13.0	3.3	50 dpm/100 cm^2
		Beta		20	675.5	758.5	721.9	20.8	500 dpm/100 cm^2
2360/43-37	278604/PR190617	Alpha	Concrete	20	15.5	27.5	20.3	3.7	50 dpm/100 cm^2
		Beta		20	919.0	1,020.5	975.9	29.9	500 dpm/100 cm^2
		Alpha	Metal	20	1.0	6.5	3.5	1.4	50 dpm/100 cm^2
		Beta		20	568.5	649.5	569.0	23.7	500 dpm/100 cm^2
2360/43-37	245779/PR190618	Alpha	Concrete	20	16.0	30.0	21.2	3.3	50 dpm/100 cm^2
		Beta		20	921.5	1056.5	995.2	34.7	500 dpm/100 cm^2
		Alpha	Metal	20	2.0	8.0	4.1	1.3	50 dpm/100 cm^2
		Beta		20	562.0	644.0	605.3	21.1	500 dpm/100 cm^2
2360/43-37	275739/PR302114	Alpha	Concrete	20	21.5	44.5	34.5	5.4	50 dpm/100 cm^2
		Beta		20	1019.5	1103	1061.1	26.4	500 dpm/100 cm^2
		Alpha	Metal	20	7.5	15.5	10.6	2.1	50 dpm/100 cm^2
		Beta		20	665.5	735.5	694.3	19.3	500 dpm/100 cm^2
2360/43-37	220242/PR124946	Alpha	Concrete	20	22.0	33.0	27.2	3.3	50 dpm/100 cm^2
		Beta		20	834.0	914.0	871.4	22.1	500 dpm/100 cm^2
Gamma Instrumentation									
2221/44-20	176952/PR262403	Gamma	Concrete in Parcel C	20	8,569	11,241	9,788	780	12,129
		Gamma	Metal	20	5,942	6,849	6,378	269	7,184
		Gamma	Concrete Adjacent to the Submarine Pens [b]	20	10,522	13,976	11,739	894	14,421

Table 5: Reference Background Area Summary Statistics

Notes:
[a] The static IL for alpha and beta activity is 50 percent of the lowest release criterion in Table 1, and for gamma is the mean of 20 static measurements in the reference background area plus three times the standard deviation.
[b] This was selected as the concrete reference background area for static gamma measurements due to its greater similarity to the concrete in SUs 4, 5, and 6.

dpm/100 cm^2	disintegration per minute per 100 square centimeters
cpm	count per minute
IL	investigation level
SU	survey unit

Table 6: Gamma Static Summary Statistics

Model No. (ratemeter/detector)	Serial No. (ratemeter/detector)	Survey Unit	Number of Measurements	Minimum (cpm)	Maximum (cpm)	Mean (cpm)	Standard Deviation (cpm)	Static IL (cpm)	Exceedances of Gamma Static IL
2221/44-20	176952/PR262403	4	16	8,523	11,494	10,262	964	12,129	0
		5	37	8,333	11,856	9,851	783	12,129	0
		6	39	8,390	11,444	9,825	687	12,129	0

Notes:
cpm count per minute
IL investigation level

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Table 7: Alpha Beta Scan Summary Statistics

Survey Unit	Number of Measurements	Nuclide Type	Minimum (dpm/100 cm^2)	Maximum (dpm/100 cm^2)	Mean (dpm/100 cm^2)	Median (dpm/100 cm^2)	Standard Deviation (dpm/100 cm^2)	Exceedances of Release Criteria [a]	Exceedances of Release Criteria and MDC [b]
Alpha and Beta Surface Scan—sequential six-second static counts (Section 3.4.4)									
4	32,721	Alpha	-69.4	330.9	15.1	-0.8	49.2	2,229	127
	32,721	Beta	-817.7	588.9	27.1	43.7	148.5	0	0
5	37,949	Alpha	-69.4	264.2	4.9	-3.0	43.9	1,286	72
	37,949	Beta	-759.2	576.1	45.8	43.7	119.0	0	0
6	16,793	Alpha	-69.4	267.3	1.3	-7.2	40.4	349	15
	16,793	Beta	-903.9	549.0	21.0	10.4	141.4	0	0

Notes:
[a] IL is defined as the most conservative (i.e., lowest) release criteria for alpha and beta activity provided in Table 1, which are 100 dpm/100 cm^2 and 1,000 dpm/100 cm^2, respectively.
[b] This column represents measurements that exceeded both the release criteria and the instrument MDC listed in Table 4.

dpm/100 cm^2 disintegration per minute per 100 square centimeters
IL investigation level
MDC minimum detectable concentration

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Table 8: Alpha Beta Systematic Static Summary Statistics

Survey Unit	Number of Measurements	Nuclide Type	Minimum (dpm/100 cm^2)	Maximum (dpm/100 cm^2)	Mean (dpm/100 cm^2)	Median (dpm/100 cm^2)	Standard Deviation (dpm/100 cm^2)	Exceedances of IL [a]	Exceedances of Release Criteria [b]
Alpha and Beta Systematic (two-minute) Static Measurements (Section 3.4.5)									
4	54	Alpha	-32.7	10.1	-15.5	-18.8	12.0	0	0
	54	Beta	29.4	352	167	161	42.0	0	0
5	54	Alpha	-23.4	71.44	18.7	19.4	17.3	2	0
	54	Beta	-153	-12.7	-74.6	-72.7	32.7	0	0
6	61	Alpha	-33.0	52.6	5.30	6.64	20.2	1	0
	61	Beta	19.6	256	152	156	55.5	0	0

Notes:
[a] IL is defined as 50 percent of the release criteria for alpha and beta activity.
[b] Release criteria for alpha and beta activity are 100 dpm/100 cm^2 and 1,000 dpm/100 cm^2, respectively.

dpm/100 cm^2 disintegration per minute per 100 square centimeters
IL investigation level

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Table 9: Alpha Beta Biased Static Summary Statistics

Survey Unit	Number of Measurements	Nuclide Type	Minimum (dpm/100 cm^2)	Maximum (dpm/100 cm^2)	Mean (dpm/100 cm^2)	Median (dpm/100 cm^2)	Standard Deviation (dpm/100 cm^2)	Exceedances of IL [a]	Exceedances of Release Criteria [b]
Alpha and Beta Biased (two-minute) Static Measurements (Section 3.4.5)									
4	40	Alpha	-48.5	48.3	-4.02	-0.24	32.6	0	0
	40	Beta	-248	110	-60.3	-25.0	123	0	0
5	38	Alpha	-34.2	60.5	2.47	-0.71	27.9	2	0
	38	Beta	-124	49.3	-49.3	-53.9	40.8	0	0
6	33	Alpha	-50.6	28.6	-9.41	-3.32	22.2	0	0
	33	Beta	-315	853	106	40.2	320	5	0

Notes:
[a] IL is defined as 50 percent of the release criteria for alpha and beta activity.
[b] Release criteria for alpha and beta activity are 100 dpm/100 cm^2 and 1,000 dpm/100 cm^2, respectively.

dpm/100 cm^2 disintegration per minute per 100 square centimeters
IL investigation level

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Table 10: Alpha Beta Systematic Smear Summary Statistics

Survey Unit	Number of Measurements	Nuclide Type	Minimum (dpm/100 cm^2)	Maximum (dpm/100 cm^2)	Mean dpm/100 cm^2)	Median (dpm/100 cm^2)	Standard Deviation (dpm/100 cm^2)	Exceedances of Release Criteria [a]
Alpha and Beta Systematic Smear Measurements (Section 3.4.6)								
4	54	Alpha	0.00	9.07	0.56	0.00	1.67	0
	54	Beta	-36.7	47.2	-1.50	-5.24	19.1	0
5	54	Alpha	0.00	3.02	0.45	0.00	1.08	0
	54	Beta	-42.5	12.6	-12.5	-11.0	14.3	0
6	61	Alpha	0.00	3.02	0.30	0.00	0.91	0
	61	Beta	-48.0	43.8	-1.20	-0.79	17.3	0

Notes:
[a] Release criteria for removable alpha and beta activity are 20 dpm/100 cm^2 and 200 dpm/100 cm^2, respectively.

dpm/100 cm^2 disintegration per minute per 100 square centimeters

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Table 11: Alpha Beta Biased Smear Summary Statistics

Survey Unit	Number of Measurements	Nuclide Type	Minimum (dpm/100 cm^2)	Maximum (dpm/100 cm^2)	Mean (dpm/100 cm^2)	Median (dpm/100 cm^2)	Standard Deviation (dpm/100 cm^2)	Exceedances of Release Criteria [a]
Alpha and Beta Biased Smear Measurements (Section 3.4.6)								
4	40	Alpha	0.00	3.00	0.60	0.00	1.20	0
	40	Beta	-37.0	32.0	-2.50	-1.80	14.6	0
5	38	Alpha	0.00	3.00	0.30	0.00	0.90	0
	38	Beta	-28.8	34.1	-4.30	-5.50	17.6	0
6	20	Alpha	-0.30	5.74	0.15	-0.30	1.48	0
	20	Beta	-12.8	65.8	19.4	14.7	20.1	0

Notes:
[a] Release criteria for removable alpha and beta activity are 20 dpm/100 cm^2 and 200 dpm/100 cm^2, respectively.

dpm/100 cm^2 disintegration per minute per 100 square centimeters

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Table 12: Sample Summary Statistics

Sample ID	Survey Unit	Matrix	Sample Type [a]	^{137}Cs			^{226}Ra			$^{239}Pu/^{240}Pu$			^{90}Sr [b]		
				Result (pCi/g)	Flag	MDL (pCi/g)	Result (pCi/g)	Flag	MDL (pCi/g)	Result (pCi/g)	Flag	MDL (pCi/g)	Result (pCi/g)	Flag	MDL (pCi/g)
F-SU4-B04-S001	4	Concrete	Biased	-0.02	U	0.07	0.90		0.04	0.00	U	0.01	0.04	U	0.06
F-SU5-B05-S001	5	Concrete	Biased	-0.09	U	0.10	0.75		0.07	0.02		0.02	-0.05	U	0.06
F-SU5-B10-S001	5	Concrete	Biased	-0.05	U	0.06	0.31		0.21	0.00	U	0.02	-0.05	U	0.06
F-B01-S001	6	Concrete	Composite	0.05	U	0.07	0.42		0.07	-0.01	U	0.01	0.03	U	0.06
F-B01-S002	6	Concrete	Composite	0.01	U	0.07	0.73		0.10	0.00	U	0.01	0.03	U	0.07
Average				-0.02			0.62			0.00			0.00		
Median				-0.02			0.73			0.00			0.03		
Standard Deviation				0.06			0.25			0.01			0.05		
Maximum				0.05			0.90			0.02			0.04		
Minimum				-0.09			0.31			0.01			-0.05		

Notes:
[a] Sample type refers to whether the sample was collected at a systematic location or biased location.
[b] In accordance with the sampling and analysis plan (Appendix A to the *Final Revision 2, Radiological Scoping Surveys Work Plan, Parcel F Structures, Hunters Point Naval Shipyard, San Francisco, California* [Aptim Federal Services, LLC, 2019]), samples were analyzed for total beta strontium.

^{90}Sr	strontium-90
^{137}Cs	cesium-137
^{226}Ra	radium-226
^{239}Pu	plutonium-239
^{240}Pu	plutonium-240
MDL	minimum detection limit
pCi/g	picocurie per gram
U	analyte not detected at or above the MDL

References:
Aptim Federal Services, LLC, 2019, *Final Revision 2, Radiological Scoping Surveys Work Plan, Parcel F Structures, Hunters Point Naval Shipyard, San Francisco, California*, May.

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APPENDICES A THROUGH J
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APPENDIX A
RESPONSES TO COMMENTS

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Response to Comments on the *Draft Final Radiological Scoping Survey Report, Parcel F Structures–Finger Piers, Hunters Point Naval Shipyard, CA*, February 2021, DCN: APTM-0006-4550-0112	
Comments by: Wayne Praskins, U.S. Environmental Protection Agency (EPA) Project Manager, EPA, comments dated March 24, 2021	
Specific Comments	**Response**
1. EPA Follow Up Comment to Comment Response 10: a. Is the response stating that the Navy can provide the raw data files but that EPA would need proprietary software to view the files? If so, please describe the proprietary software. Is it software developed or provided by Ludlum? A Navy contractor? How would EPA or a member of the public obtain the software? b. Please describe the process of converting/importing the data into Microsoft Excel.	a. The proprietary software programs are developed by Ludlum and Trimble and are available to the public. The Ludlum 2360 program is available at the following website: https://ludlums.com/support/software-firmware-downloads#model-2360-software and allows the user to download the data files in .CSV format. Trimble Pathfinder Office is available at the following website: https://www.trimble.com/globalTRLTAB.aspx?Nav=Collection-4552. The Trimble program is free and available for anyone to download, however specific/advanced functions are only available with a paid software license (Version 5.4 was used for this project). b. The raw data files are a combination of files downloaded directly from the Ludlum Model 2360 ratemeter and of positional files downloaded from the Trimble ProXH handset. The Ludlum data files are downloaded in a .CSV format and converted to .XLS format using Microsoft Excel. The Trimble data files are downloaded as .SSF files, which are converted to .CSV files or Geographic Information System (GIS)-compatible .SHP files containing various types of information (i.e., Northing and Easting positions, time stamps, elevation, etc.) using the "Export" function in the program. Microsoft Excel is used to view the .CSV files and convert them to .XLS files.
2. EPA Follow Up Comment to Comment Response 11: We note that a measure of the uncertainty (standard deviation) in the measurement values is provided in Tables 5, 6, 7, 8, 9, 10, and 11 in the report, but not in Table 12. Given the limited amount of data presented in Table 12 we will refer to the analytical data packages for the uncertainty values for the data. To facilitate review by EPA and the public we again request that in future reports the uncertainties be provided in all summary tables.	The U.S. Department of the Navy will take the U.S. Environmental Protection Agency's request into consideration for future projects.

Response to Comments on the *Draft Radiological Scoping Survey Report, Parcel F Structures – Finger Piers, Hunters Point Naval Shipyard, CA*, August 2020, DCN: APTM-0006-4550-0108	
Comments by: Wayne Praskins, EPA Project Manager, EPA, comments dated November 12, 2020	
Specific Comments	**Response**
1. **Section 2.1, Site Location:** The Draft Radiological Scoping Survey Report Parcel F Structures – Finger Piers, Hunter's Point Naval Shipyard, August 2020 (the Report) states that "The finger piers … include concrete surfaces and other infrastructure (e.g., open and closed manholes, metal grates, one small structure on the finger piers [not included in this scoping survey], other debris)." Please describe the small structure not included in the survey and explain why it was not included.	Section 2.1 was revised as follows to describe the structure. "The small structure is a single-room building located adjacent to Berth 38 approximately 8 by 16 feet constructed from concrete." The following text was added to Section 2.5, last paragraph, to support not including the structure interior as part of the scoping survey based on the conceptual site model: "Based on the HRA and the conceptual site model, there is no potential for residual radioactivity inside this structure; therefore, the structure interior was not included as part of this scoping survey."
2. **Section 3.4.5, Alpha/Beta Static Measurements, Page 3-8:** The last sentence in the third paragraph on page 3-8 states that the minimum detectable concentrations (MDCs) "for the "floor monitor" detector listed in the Work Plan (APTIM, 2019) were 21.5 dpm [disintegrations per minute]/100 cm2 [square centimeters] for alpha activity and 184 dpm/100 cm2 for beta activity." Please revise the Report to state the matrix/matrices to which the referenced alpha and beta MDCs apply.	The alpha and beta minimum detectable concentrations (MDCs) provided in the Work Plan were a priori estimates of the performance capabilities of the instruments selected to be used during the scoping survey and do not describe a specific matrix. The MDC values provided in the Work Plan are only used to support selection of instruments and measurement techniques capable of achieving the project objectives. The MDCs observed during the survey are described in the referenced paragraph and are provided in Table 4 of this report. To clarify the referenced paragraph, the referenced sentence in Section 3.4.5 was revised as follows: "…and 45 dpm/100cm^2 for beta activity. For comparison, the a priori estimates of MDCs for the "floor monitor" detector listed in the Work Plan (APTIM, 2019) were 21.5 dpm/100 cm^2 for alpha activity and 184 dpm/100 cm^2 for beta activity."
3. **Section 5.2.3, Site Preparation of Survey Areas, Page 5-3:** This section states that the surfaces of the finger piers were swept to remove dust and obtain a debris-free smooth surface to facilitate alpha/beta surveys. Please revise this section to describe how the surfaces were swept, how much or what type of debris was swept away, and whether removed dust and debris were surveyed to check for radiological contamination prior to disposal.	Alpha and beta surveys were performed on 25 percent of the pier surfaces; therefore, dust and debris were swept away from the areas being surveyed and placed in areas where alpha and beta measurements were not required. As stated in Section 5.2.3, larger objects that could interfere with the surveys were moved so measurements could be performed and then moved back when the measurements were completed. None of the dust and debris collected during clearing activities to provide access for measurements was surveyed or removed from the site. Section 5.2.3 was revised as follows:

Response to Comments on the *Draft Radiological Scoping Survey Report, Parcel F Structures – Finger Piers, Hunters Point Naval Shipyard, CA*, August 2020, DCN: APTM-0006-4550-0108	
Comments by: Wayne Praskins, EPA Project Manager, EPA, comments dated November 12, 2020	
	"The finger piers were partially covered with a small layer of dust and debris consisting primarily of broken shells mixed with bird droppings and trash. The horizontal surfaces of the finger piers were swept to obtain a debris-free smooth surface to facilitate alpha/beta surveys. Sweeping was performed using a mechanical sweeper for large open areas and hand brooms for smaller areas and spot cleaning as needed. Larger debris was moved as required to access survey areas. No dust or debris was removed from the site.
4. Section 5.3.1, Reference Background Areas, Page 5-3: It is unclear which reference background area or areas were used. The text in Section 5.3.1 states, "A concrete pad in Parcel C was used as the RBA [reference background area] for alpha/beta measurements," but Field Change Request (FCR) 04 states that "data collected to date have shown that this reference area [Parcel C] is not appropriate for the Finger Piers." The FCR recommends use of a portion of the Finger Pier after scarification. In addition, Section 5.3.1 states that "a small concrete pad adjacent to the submarine pens was used as the RBA for gamma measurements." In contrast, Section 5.3.2 (Survey Investigation Levels) of the APTIM May 2019 Work Plan states, "The reference area behind Building 810 (Figure 1) will be used to establish gamma instrument-specific investigation levels (ILs)." Please revise the Report to clarify which RBAs were used, and whether changes to the workplan were fully documented with FCRs.	As stated in Section 5.3.1, a concrete pad in Parcel C was used as the reference background area (RBA) for alpha/beta measurements and a small concrete pad next to the submarine pens was used as the RBA for gamma measurements. Early in the performance of scoping survey activities, it was noted that the Parcel C concrete pad RBA was not a suitable match for the concrete present on the Finger Piers. No other concrete RBA for alpha and beta activity was identified as a better match for the concrete on the Finger Piers than the Parcel C concrete pad RBA. Because no other concrete RBA for alpha and beta measurements was identified using the process described in FCR 04, the same concrete RBA was used for all scoping survey alpha/beta measurements for consistency. Preliminary measurements from the concrete RBA behind Building 810 demonstrated the alpha, beta, and gamma measurements were different between the survey areas and the proposed RBA. The area behind Building 810 was determined to be inappropriate as an RBA for concrete and metal in the Finger Piers. Work Plan Section 5.3.2 states "If needed, additional reference areas may be established with the permission of the Navy." RBA measurements were collected both from a non-impacted concrete pad in Parcel C, and a non-impacted concrete pad adjacent to Submarine Pens Drydock 7. The non-impacted concrete pad adjacent to Submarine Pens Drydock 7 was more similar to the gamma results on concrete and metal in the Finger Piers, so it was used as the concrete RBA for gamma measurements. The non-impacted concrete pad in Parcel C was more similar to the alpha and beta results on concrete and metal in the Finger

Response to Comments on the *Draft Radiological Scoping Survey Report, Parcel F Structures – Finger Piers, Hunters Point Naval Shipyard, CA*, August 2020, DCN: APTM-0006-4550-0108	
Comments by: Wayne Praskins, EPA Project Manager, EPA, comments dated November 12, 2020	
	Piers, so it was used as the concrete RBA for alpha and beta measurements. Section 5.3.1 was revised as follows: "As stated in Section 3.4.4 of this report, the alpha activity on concrete in the RBA behind Building 810 was significantly different from the alpha background activity used during planning. Differences between the proposed Building 810 RBA and the beta and gamma activity in the Finger Piers were also noted. The original concrete RBA behind Building 810 was determined to not adequately represent background in the Finger Piers; therefore, multiple potential RBAs in non-impacted areas were investigated. A concrete pad in Parcel C was ~~used~~ selected as the RBA for alpha/beta measurements with the approval of the Navy. This RBA was selected because the concrete was most similar in nature to the concrete on the Finger Piers, and it was non impacted because it was constructed after the radiological operations occurred, as described in Section 2.2. A small concrete pad adjacent to the Submarine Pens Drydock 7 was ~~used~~ selected as the RBA for gamma measurements with the approval of the Navy." The metal RBA was selected as metal plates on the floor in Building 258.
5. **Section 5.3.3.1, Alpha/Beta Scan Surveys, Page 5-7:** The second paragraph states that "standing water was observed in the manholes at low tide but that did not limit accessible surfaces." Given that the presence of water will alter the geometry and detection sensitivity of radiological measurements, please revise the text to state whether the surfaces that were surveyed were wet at the time the alpha/beta assays were completed. If the surfaces were wet, please explain how the results of the radiological surveys still met the project MDCs and provide representative results.	This sentence was incorrect and was deleted. Standing water was observed in manholes associated with the submarine pens, not the finger piers.
6. **Section 6.4, Alpha/Beta Scan Measurement Results Data Quality Review, Page 6-4: .** This section states that Section 5.5.2.4 from the Multi-Agency Radiation Survey and Site Investigation Manual (MARSSIM) guidance was used to determine that collecting three times as many measurements (54) as originally designed (18) would account for the alpha	Section 5.7 of the approved Work Plan describes the selection of the minimum number of alpha/beta static measurement locations in each survey unit (SU). The scoping survey report documents that the number of measurements specified in the approved Work Plan were collected.

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scan MDC being approximately three times the required MDC of 100 dpm/100 cm2. Please revise this section to include the formulas and parameters for these calculations or text describing in detail how MARSSIM guidance was applied to make this sample size determination.	Additional discussion on *Multi Agency Radiation Survey and Site Investigation Manual* (MARSSIM) guidance as it relates to this project is provided in the response to CDPH Comment 9.
7. **Section 7.2, Conclusions, Page 7-3 and Section 7.3, Recommendations, Page 7-4:** The text states that "Therefore, the survey results do not conclude that exceedances are the result of historical Navy operations." We interpret this statement to mean that the exceedances may or may not be the result of historical Navy operations (i.e., the Navy has not concluded that exceedances are not the result of historical Navy operations).	The text in Section 7.2 was clarified as follows: "Therefore, the conclusion drawn from the survey results ~~do not~~ is that the exceedances are not the result of historical Navy operations."
8. **Table 10, Alpha Beta Static Smear Summary Statistics, and Table 11, Alpha Beta Biased Smear Summary Statistics:** Footnote a to Tables 10 and 11 lists the release limits for alpha activity and beta activity of 100 dpm/100 cm2 and 1000 dpm/100 cm2. These are higher than the ILs for removable activity of 20 dpm/100 cm2 and 200 dpm/100 cm2.. Please clarify, making any needed corrections to footnote a in Tables 10 and 11 and verifying that no smear results exceed the release criteria.	The footnotes for Table 10 and Table 11 were revised to provide the correct release limits for removable alpha and beta activity. No smear results exceeded the criteria for removable contamination.
9. **Appendix F, Gamma Survey Data:** The first data table in the appendix does not include the date(s)/times for the gamma walkover survey data for Survey Unit (SU) 4. As a result, it is not possible to confirm if the data were collected on the dates stated in the Report. In addition, we could not locate the gamma walkover survey data for SU 5 or SU 6. Please revise the Report to include any missing gamma walkover survey data, including raw instrument data showing the dates and times data were collected.	Appendix F was revised to include the timestamp for gamma scan measurements for SUs 4, 5, and 6.
10. **Appendix G, Alpha Beta Survey Data:** The alpha/beta scan and static data provided in the appendix do not appear to be the raw data from the Ludlum 2360 instrument. Please revise the Report to include the raw data files.	Alpha and beta data were collected electronically in a format that cannot be printed or viewed without the proprietary software used to collect the data. The electronic files were converted and imported into Microsoft Excel and the data provided in the appendix is the earliest version of the measurement data that can be viewed and printed using commercially available software. Copies of the electronic files generated by the instruments in the field can be provided on request.
11. **Apparent Typos/Minor Editorial Comments:** **- Section 4.4.3 and 4.5, Calculation of Surface Activity and Instrument for Measurement of Smear Samples, Page 4-5**: The definition of 'B' for	Section 4.4.3: the equation definitions were corrected. Section 4.4.1: the suggested change was made. Section 5.1.2: the meeting date is correct, no change was made.

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the formula for calculating surface activity appears to be erroneous as 'B' is defined as the background efficiency rather than background count rate. - **Section 4.4.1, Instrument Efficiency, Page 4-3:** The formula listed in this section indicates the background count rate is denoted by 'Rs'. Since 'RS+B' is stated to represent the gross rate (sample plus background) perhaps the background count rate should be defined as 'RB.' - **Section 5.1.2, Meetings, Page 5-1 and Section 5.2, Mobilization and Site Preparation, Page 5-2:** Section 5.1.2 states that a pre-construction and mutual understanding meeting was held on July 24, 2018; Section 5.2 indicates mobilization and data collection activities started in August 2019. Please confirm or, if needed, correct these dates. - **Table 5**. There is a footnote "a" included in the "matrix" entry for the 2221/44-20. Is this a typo? - **Table 12, Sample Summary Statistics:** It would be helpful to readers if the table specified the measurement units and uncertainty associated with the results. - **Appendix D, Reference Background Area Data:** It would be helpful to readers if the tables indicated where the data were collected. - **Appendix H, page H-7:** The appendix refers to five radiological soil samples collected October 2, 2019 through October 24, 2020. Should the reference be to concrete, not soil? Also, the latter date appears to give the wrong year.	Table 5: The "a" footnote in the table was deleted. A "b" footnote was added two cells below, and the text in that cell was revised from "Concrete Outside SU 3" to "Concrete Adjacent to Submarine Pens." Table 12: Table 12 was revised to include measurement units. The count uncertainty and total uncertainty are provided in the analytical data packages, Appendix J to the report. Appendix D was revised to include a description of the RBA. Appendix H was revised as suggested.

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General Comments	**Response**
1. Please note that CDPH-EMB uses the following criteria in Title 17 of the California Code of Regulations, Section 30256(k) [17 CCR § 20256(k)] to base its evaluation for determining if a site is suitable of radiological unrestricted release: (1) Radioactive material has been properly disposed; (2) Reasonable effort has been made to eliminate residual radioactive contamination, if present, and; (3) A radiation survey has been performed which demonstrates that the premises are suitable to release for unrestricted use; or other information submitted by the licensee is sufficient that the premises are suitable for release for unrestricted use. In practice this means employing the decision making process outlined in the Multi-Agency Radiation Survey and Site Investigation Manual (MARSSIM, NRC et al, 1997), which includes establishing a reference background area for each of the materials to remain in situ. These reference background measurements are then compared to survey units (SUs) to determine suitability for radiological unrestricted release	The Navy is familiar with the requirements of 17 California Code of Regulations Section 20256(k) and the guidance in *Multi Agency Radiation Survey and Site Investigation Manual* (MARSSIM). The Department of the Navy (Navy) is not requesting unrestricted release of the Finger Piers at this time. This report documents a MARSSIM-compliant scoping survey with recommendations for additional investigation. The Navy agrees that reference background measurements are compared with survey results as described in MARSSIM guidance. MARSSIM guidance states that survey unit (SU) data sets are compared with a representative reference background area data set using the Wilcoxon Rank Sum statistical test as part of a final status survey. The Navy notes performance of the statistical test is not always necessary if the maximum SU measurement exceeds the minimum reference background area (RBA) measurement by less than the release criterion as defined by the $DCGL_W$ (derived concentration guideline level [DCGL] for the nonparametric statistical test). MARSSIM does not require every measurement to be below the release criterion as defined by the $DCGL_W$, only that the SU data set pass the statistical test comparing the survey unit with the reference background area.
2. CDPH-EMB will not consider the alpha scan survey data presented in this scoping report for evaluating any unrestricted release request from Navy due to the following reasons: a. The minimum detection concentration (MDC) of alpha scan survey instruments exceeds the release criteria (Table 4). b. The alpha scan was limited (25% of the accessible surface in survey units); hence the additional alpha/beta statics measurements did not provide sufficient statistical support to supplement the alpha scan surveys. Please refer to Specific Comment #9 for more detailed discussion.	The Navy is not requesting unrestricted release of the finger piers at this time. Please consider the scoping scan and static data as support for the decision to perform additional investigations of the finger piers and as input to the design of future investigations as recommended in MARSSIM guidance. It should be noted that MARSSIM guidance is specific to final status surveys and may not always be applicable to scoping surveys. For Class 1 final status surveys, MARSSIM Table 5.8 recommends the scan MDC be below the $DCGL_{EMC}$ (DCGL, elevated measurement comparison), and for Class 2 and Class 3 final status surveys, there is no requirement for the scan MDC in MARSSIM. MARSSIM makes no recommendations for the scan MDC relative to release criteria for scoping surveys.

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	Please note that the 25 percent scan coverage for alpha-beta scans was developed in cooperation with project stakeholders to meet the project objectives, and the project objective for scan coverage was achieved.
Specific Comments	**Response**
3. Section 3.4.4 "Alpha/Beta Scan Surveys", Page 3-6, Paragraph 1, Sentence 5: "This measurement achieved the same level of detection as slow scanning". Please provide explanation or calculation on why the six-second static counts achieved the same level of detection as the design survey scan speed of 0.25 centimeters per second.	The intent of Work Plan Section 5.5.5 was to establish that scanning at a speed of 0.25 cm/sec is not logistically practical, and presented the 6-second static technique as an alternate method to evaluate site conditions. Table 5 of the Work Plan lists the expected alpha scan MDC using this technique as 86 dpm/100cm^2, which is below the remedial goal for total surface contamination. This value was calculated using parameters associated with the 6-second static technique and not from a scan at a set speed. As noted in the discussion of scan MDC in Section 3.4.4 and listed in Table 4 of this report, the observed alpha scan MDCs for the 6-second static technique ranged from 173 to 198 dpm/100cm^2 on concrete. The higher observed alpha scan MDCs were attributable to the higher background count rates, which were an order of magnitude higher than what was assumed in the planning phase. The discussion on alpha/beta scan measurement data quality in Section 6.4 of the report correctly notes that the observed alpha scan MDC values did not agree with the expected scan MDC established during planning, and therefore the alpha scan sensitivity did not meet the survey objectives. Note that the Navy is not requesting unrestricted release of the finger piers at this time. For clarity, the first paragraph in Section 3.4.4 was revised as follows: "The alpha/beta scan measurements were performed using portable contamination survey instruments, specifically, the Ludlum Model 43-37 gas flow proportional "floor monitor" detector coupled with a Ludlum Model 2360 scaler/ratemeter. ~~As discussed in the Work Plan (APTIM, 2019), the design survey scan speed was 0.25 centimeters per second. Scanning at a speed slow enough to meet the calculated scan speed of 0.25 centimeter per second is difficult and not practical to perform in the field.~~ For this project, six-second static counts were performed to cover the necessary area (25 percent of accessible

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	surfaces). ~~This measurement achieved the same level of detection as slow scanning.~~ In this report, these six-second static counts will be referred to as "scans" or "scan measurements" for consistency." In addition, the planned alpha scan MDC was referenced in Section 3.4.4 as follows: "The scan MDC for alpha activity measured in the field exceeded the planned scan MDC of 86 dpm/100cm^2 for alpha (from Work Plan Table 5) by more than a factor of two, and exceeded the release criterion of 100 dpm/100 cm2 for alpha activity by a factor of two."
4. Section 3.4.4 "Alpha/Beta Scan Surveys", Page 3-6, Paragraph 3, Sentence 3: "The following equation is used to calculate instrument MDC in units of dpm/100cm2 when the background and sample were counted using the different time intervals:" Please provide the source of the equation	A reference to Multi-Agency Radiation Survey and Assessment of Materials and Equipment (MARSAME) Table 7.6 Equation 4 was added to Section 3.4.4. An error in the equation was identified and corrected (See response to CDPH Comment 6). MARSAME was added to the acronym list and the list of references.
5. Section 3.4.4 "Alpha/Beta Scan Surveys", Page 3-7, Paragraph 2, Sentence 2: "The scan MDC for alpha activity measured in the field exceeded the planned scan MDC for alpha by more than a factor of two and exceeded the release criterion of 100 dpm/100 cm^2 for alpha activity by a factor of two." Please see general comment #2. For any future scan or static measurement, CDPH strongly recommends adjusting parameters so the MDC value of the field instruments does not exceed the release criteria.	The information in the scoping report documents the adjustments made in attempts to achieve the project objectives to support identification of areas for future investigations and selection of measurement techniques that may be successful in meeting the objectives of future investigations.
6. Section 3.4.4 "Alpha/Beta Scan Surveys", Page 3-7, Paragraph 5, Sentence 3: "Table 4 provides calculated MDCs for each detector used for alpha and beta scan surveys." Please provide detailed steps of calculation for the MDCs in Table 4, including the values for every input parameters of the MDC equation at the bottom of page 3-6. CDPH is unable to replicate the MDC results in Table 4 using the parameters in Table 4, input values listed on page 3-6, and the equation on page 3-6. To assist in our review process, please provide one example of MDC calculation for alpha surface scan (sequential six-second static counts) on concrete, one example of MDC calculation for beta surface scan on concrete, and one example of MDC calculation for alpha static measurements on concrete.	An error in the equation was identified and corrected. Example calculations are attached to these comment responses.

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7. **Section 5.3.1 "Reference Background Areas", Page 5-3, Paragraph 1, Sentences 1:** "A concrete pad in Parcel C was used as the RBA for alpha/beta measurements." Please provide the reference data for alpha/beta scan measurement (i.e. 6-second static counts). CDPH strongly recommends Navy to obtain reference background data with the same input parameters (for example, but not limited to, the count time of measurement) as the measurements planned in a survey unit. This practice would ensure that a relevant comparison can be made between the survey and reference area data	Six-second alpha/beta static counts were not performed in the RBA. The 2-minute static counts collected in the RBAs and presented in Appendix D are representative of the alpha and beta count rates in the RBAs. The original MDC discussion by Currie assumed "paired blanks" and is usually interpreted to indicate sample and count times are the same as mentioned in this comment. More recent discussions of MDC are summarized in MARSAME Chapter 7 and Multi-Agency Radiological Laboratory Analytical Protocols (MARLAP) Chapter 19 and Attachment 19D, and include calculations accounting for different count times for samples and background. The equations used to calculate critical value and detection limit during this scoping survey provide for different count times for SU measurements and RBA area measurements.
8. **Section 5.3.1 "Reference Background Areas", Page 5-3, Paragraph 1, Sentences 1:** "This small pad was non-impacted because it was separate from the submarine pens and could not have been used for ship repair or other radiological operations due to its small size." Please explain why the small pad being separated from the "submarine pens", but not finger piers, provides reasoning of this small pad being non-impacted	The Submarine Pens and the Finger Piers are on opposite sides of HPNS and are over a mile away from each other. The text was revised to state the reference area was separate from the Submarine Pens and the Finger Piers. The Submarine Pens and Finger Piers were radiologically investigated under the same Work Plan, and reported under two separate scoping survey reports. The Submarine Pens are radiologically-impacted and the statement clarifies the concrete pad was separate from both the Submarine Pens and the Finger Piers. As stated in the report, due to the small size of the concrete pad, it could not have been used for ship repair or other radiological operations.
9. **Section 6.4 "Alpha/Beta Scan Measurement Results Data Quality Review ", Page 6-4, Paragraph 2:** "The alpha scan MDC calculations and upper simultaneous limit calculations identified upper bounds on the alpha scan data in the 200 to 300 dpm/100 cm2range. MARSSIM (EPA et al., 2000) Section 5.5.2.4 provides for increasing the number of measurements performed in a survey unit to account for MDC values that do not achieve the survey objectives. The number of measurements in each survey unit was increased by a factor of 3 during development of the work plan to allow for an alpha scan MDC as high as 300 dpm/100 cm2. A minimum of 54 alpha and beta static measurements were performed in each SU to account for the scan MDC not achieving the survey objective of measuring concentration below the specified release criteria and ILs. While the scan MDC for alpha scan	The Navy is not requesting unrestricted release of the finger piers at this time. This report documents the results of a scoping survey that will be used to support development of design for additional investigations. Information that an alpha scan MDC equal to the release criterion of 100 dpm/100 cm^2 cannot be achieved using traditional equipment but may be achievable for a Class 1 final status survey design incorporating area factors and increased scan coverage to allow a higher scan MDC is important information for future investigations.

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surveys does not meet the project objectives, it still provides a technically defensible approach to surveys based on MARSSIM guidance." The special case mentioned in MARSSIM Section 5.5.2.4 (EPA et al., 2000) does not apply to the survey results reported in this document because the scanning survey covered only ~25% of the accessible area. The area factor and additional statics measurement discussed in MARSSIM Section 5.5.2.4 can only be applied to a Class 1 area that is fully scanned (100%). This Class 1 requirement is mentioned in MARSSIM multiple times. Only in the case of the scan survey covering the entire available surface, like in a Class 1 site, the additional static data points may supplement necessary statistics for the scan MDC not achieving the survey objective. As mentioned in General Comment #2, CDPH-EMB will not consider the alpha scan survey data presented in this scoping report for evaluating any unrestricted release request from Navy.	
10. Section 6.5 "Alpha/Beta Static Measurement Results Data Quality Review ", Page 6-4, Paragraph 2: "Appendix G provides analysis of the alpha and beta static measurement data, including graphical representations of the data and identification of data distributions." Please explain why the reference values of alpha and beta static measurements for manhole/grates in SU4, SU5, and SU6 are consistently higher than every survey alpha and beta static measurements for manhole/grates in the same SU. Judging from the consistently elevated reference value of alpha and beta static measurements for manholes/grates listed on page G-1359. G-1365,and G-1365, it appears the surface material of reference area and survey area for manholes/grates are not the same. Hence the reference area and survey unit data cannot be compared. CDPH believes this mismatch in surface material at reference area and survey area for manholes/grates distorted the net dpm/100cm2 values at manhole/grates locations, including but not limited to, GR-14, GR-15, GR-16, GR-17, GR-18, GR-6, GR-3, GR-15 in SU6.	The data and photos associated with grates in SU 6 were reviewed. Measurements for grates were performed on concrete and the reference background data for concrete from the Parcel C RBA concrete pad were selected as the best representation of background for these measurements. Measurements of concrete in and around grates and manholes for SU 4, SU 5, and SU 6 were evaluated using the concrete RBA data, and the same concrete RBA data was used for systematic and bias measurements on concrete throughout the finger piers. There were two types of grates in SU 6 that were referred to during the project as "open" or "shallow." An open grate was a hole cut in the pier and measurements were performed on the concrete edges inside the opening (see Photograph 1). A shallow grate was an opening in the surface of the pier that was closed off and contained varying amounts of dust and debris (see Photograph 2). Measurements were performed on the inside concrete surfaces of shallow grates similar to measurement performed for open grates. It is possible the geometries of the manholes/grates contributed to different background count rates that were observed from the RBA.

Photograph 1 - Open Grate

Photograph 2 - Shallow Grate

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11. Appendix D "Reference Background Area Data": To provide proper documentation and accountability, please include the name and signature of the technician and person conducting validation for instrument quality control documents on pages, not limited to, D-3 to D-10 in Appendix D.	The documentation was reviewed, and the instrument quality control (QC) was documented and reviewed in accordance with the approved standard operating procedures (SOPs). The technician and supervisor that completed instrument QC spreadsheets were identified in the spreadsheet printouts included in the draft scoping survey report. The forms have been signed by the lead technician and the person of validation.
12. Appendix E "Radiological Instrument Quality Control Documents": To provide proper documentation and accountability, please include the name and signature of the technician and person conducting validation for instrument quality control documents on pages, not limited to, E-3 to E-40 in Appendix E.	The documentation was reviewed, and the instrument QC was documented and reviewed in accordance with the approved SOPs. The technician and supervisor that completed instrument QC spreadsheets were identified in the spreadsheet printouts included in the draft scoping survey report. The forms have been signed by the lead technician and the person of validation.
13. Appendix E "Radiological Instrument Quality Control Documents": Please provide the model number and serial number of the instruments on PageE-23 to E-24 in Appendix E.	Appendix E was revised to include the requested information to these pages.

Detector M3, Model 2360 (SN215271)/Model 43-37 (PR216985)

α = probability of deciding radioactivity exceeds background when no radioactivity above background is present (0.05)

β = probability of deciding no radioactivity is present when radioactivity exceeds background (0.05)

z = quantile of the standard normal distribution, ($z_{1-0.05}$ = 1.645)

t_S = sample count time in minutes (0.1 for scans, 2 for statics)

t_B = background count time in minutes (20 two-minute counts = 40)

N_B = background counts from concrete RBA (Appendix D and Table 4, 925 alpha counts in 40 minutes [23.1 cpm], 34,851 beta counts in 40 minutes [871.3 cpm])

ε_I = instrument efficiency, 2-π efficiency using ISO-7503 guidance (Appendix E, 0.294 alpha [Th-230], 0.384 beta [Sr-90])

ε_s = surface efficiency, ISO-7503 default values (0.25 for alpha, 0.5 for high energy beta from Sr-90)

W_A = active area of the detector window (584 cm^2 for Model 43-37 detector)

General Minimum Detectable Concentration (MDC) Equation

$$MDC\left(\frac{dpm}{100\ cm^2}\right) = \frac{\frac{\left(z_{1-\alpha}+z_{1-\beta}\right)^2}{4}\left(1+\frac{t_S}{t_B}\right)+\left(z_{1-\alpha}+z_{1-\beta}\right)\sqrt{N_B\frac{t_S}{t_B}\left(1+\frac{t_S}{t_B}\right)}}{\varepsilon_i\varepsilon_s t_S\frac{W_A}{100}}$$

Adapted from the Multi-Agency Radiation Survey and Assessment of Materials and Equipment (MARSAME) Table 7.6 Equation 4 to calculate the minimum detectable net count (identified as S_D in Table 7.6) using the Stapleton approximation for background counts less than 100 counts. The minimum detectable net count is converted to the minimum detectable concentration (MDC) by dividing by the total efficiency, the sample count time, and applying a conversion factor to account for the active area of the detector as described in MARSSIM Section 6.6.1 using Equation 6-1.

Example 1 - Alpha Surface Scan on Concrete

$$MDC = \frac{\frac{\left(z_{1-\alpha} + z_{1-\beta}\right)^2}{4}\left(1 + \frac{t_S}{t_B}\right) + \left(z_{1-\alpha} + z_{1-\beta}\right)\sqrt{N_B \frac{t_S}{t_B}\left(1 + \frac{t_S}{t_B}\right)}}{\varepsilon_i \varepsilon_s t_S \frac{W_A}{100}}$$

$$MDC = \frac{\frac{(1.645 + 1.645)^2}{4}\left(1 + \frac{0.1}{40}\right) + (1.645 + 1.645)\sqrt{925 \times \frac{0.1}{40} \times \left(1 + \frac{0.1}{40}\right)}}{0.294 \times 0.25 \times 0.1 \times \frac{584}{100}}$$

$$MDC = \frac{2.71 \times 1.0025 + 3.29\sqrt{925 \times 0.0025}}{0.0735 \times 0.584}$$

$$MDC = \frac{2.717 + 3.29\sqrt{2.3125}}{0.042924}$$

$$MDC = \frac{7.72}{0.042924} = 180 \frac{dpm}{100\ cm^2}$$

Example 2 - Beta Surface Scan on Concrete

$$MDC = \frac{\frac{\left(z_{1-\alpha} + z_{1-\beta}\right)^2}{4}\left(1 + \frac{t_S}{t_B}\right) + \left(z_{1-\alpha} + z_{1-\beta}\right)\sqrt{N_B \frac{t_S}{t_B}\left(1 + \frac{t_S}{t_B}\right)}}{\varepsilon_i \varepsilon_s t_S \frac{W_A}{100}}$$

$$MDC = \frac{\frac{(1.645 + 1.645)^2}{4}\left(1 + \frac{0.1}{40}\right) + (1.645 + 1.645)\sqrt{34{,}851 \times \frac{0.1}{40} \times \left(1 + \frac{0.1}{40}\right)}}{0.384 \times 0.5 \times 0.1 \times \frac{584}{100}}$$

$$MDC = \frac{2.71 \times 1.0025 + 3.29\sqrt{34{,}851 \times 0.0025}}{0.192 \times 0.584}$$

$$MDC = \frac{2.717 + 3.29\sqrt{87.13}}{0.11213}$$

$$MDC = \frac{33.43}{0.11213} = 298 \frac{dpm}{100\ cm^2}$$

Example 3 - Alpha Static Measurement on Concrete

$$MDC = \frac{\frac{\left(z_{1-\alpha} + z_{1-\beta}\right)^2}{4}\left(1 + \frac{t_S}{t_B}\right) + \left(z_{1-\alpha} + z_{1-\beta}\right)\sqrt{N_B \frac{t_S}{t_B}\left(1 + \frac{t_S}{t_B}\right)}}{\varepsilon_i \varepsilon_s t_S \frac{W_A}{100}}$$

$$MDC = \frac{\frac{(1.645 + 1.645)^2}{4}\left(1 + \frac{2}{40}\right) + (1.645 + 1.645)\sqrt{925 \times \frac{2}{40} \times \left(1 + \frac{2}{40}\right)}}{0.294 \times 0.25 \times 2 \times \frac{584}{100}}$$

$$MDC = \frac{2.71 \times 1.05 + 3.29\sqrt{925 \times 0.0525}}{0.0735 \times 11.68}$$

$$MDC = \frac{2.85 + 3.29\sqrt{48.56}}{0.85848}$$

$$MDC = \frac{25.78}{0.85848} = 30\,\frac{dpm}{100\ cm^2}$$

Example 4 – Beta Static Measurement on Concrete

$$MDC = \frac{\frac{\left(z_{1-\alpha} + z_{1-\beta}\right)^2}{4}\left(1 + \frac{t_S}{t_B}\right) + \left(z_{1-\alpha} + z_{1-\beta}\right)\sqrt{N_B \frac{t_S}{t_B}\left(1 + \frac{t_S}{t_B}\right)}}{\varepsilon_i \varepsilon_s t_S \frac{W_A}{100}}$$

$$MDC = \frac{\frac{(1.645 + 1.645)^2}{4}\left(1 + \frac{2}{40}\right) + (1.645 + 1.645)\sqrt{34{,}851 \times \frac{2}{40} \times \left(1 + \frac{2}{40}\right)}}{0.384 \times 0.5 \times 2 \times \frac{584}{100}}$$

$$MDC = \frac{2.71 \times 1.05 + 3.29\sqrt{34{,}851 \times 0.0525}}{0.192 \times 11.68}$$

$$MDC = \frac{2.85 + 3.29\sqrt{1{,}829.68}}{2.243}$$

$$MDC = \frac{143.58}{2.243} = 64 \frac{dpm}{100\ cm^2}$$

Detector M3, Model 2360 (SN215271)/Model 43-37 (PR216985)

α = probability of deciding radioactivity exceeds background when no radioactivity above background is present (0.05)

β = probability of deciding no radioactivity is present when radioactivity exceeds background (0.05)

z = quantile of the standard normal distribution, ($z_{1-0.05}$ = 1.645)

t_S = sample count time in minutes (0.1 for scans, 2 for statics)

t_B = background count time in minutes (20 two-minute counts = 40)

N_B = background counts from concrete RBA (Appendix D and Table 4, 925 alpha counts in 40 minutes [23.1 cpm], 34,851 beta counts in 40 minutes [871.3 cpm])

ε_I = instrument efficiency, 2-π efficiency using ISO-7503 guidance (Appendix E, 0.294 alpha [Th-230], 0.384 beta [Sr-90])

ε_s = surface efficiency, ISO-7503 default values (0.25 for alpha, 0.5 for high energy beta from Sr-90)

W_A = active area of the detector window (584 cm^2 for Model 43-37 detector)

General Minimum Detectable Concentration (MDC) Equation

$$MDC\left(\frac{dpm}{100\ cm^2}\right) = \frac{\frac{\left(z_{1-\alpha}+z_{1-\beta}\right)^2}{4}\left(1+\frac{t_S}{t_B}\right)+\left(z_{1-\alpha}+z_{1-\beta}\right)\sqrt{N_B\frac{t_S}{t_B}\left(1+\frac{t_S}{t_B}\right)}}{\varepsilon_i\varepsilon_s t_S\frac{W_A}{100}}$$

Adapted from the Multi-Agency Radiation Survey and Assessment of Materials and Equipment (MARSAME) Table 7.6 Equation 4 to calculate the minimum detectable net count (identified as S_D in Table 7.6) using the Stapleton approximation for background counts less than 100 counts. The minimum detectable net count is converted to the minimum detectable concentration (MDC) by dividing by the total efficiency, the sample count time, and applying a conversion factor to account for the active area of the detector as described in MARSSIM Section 6.6.1 using Equation 6-1.

Example 1 - Alpha Surface Scan on Concrete

$$MDC = \frac{\frac{\left(z_{1-\alpha} + z_{1-\beta}\right)^2}{4}\left(1 + \frac{t_S}{t_B}\right) + \left(z_{1-\alpha} + z_{1-\beta}\right)\sqrt{N_B \frac{t_S}{t_B}\left(1 + \frac{t_S}{t_B}\right)}}{\varepsilon_i \varepsilon_s t_S \frac{W_A}{100}}$$

$$MDC = \frac{\frac{(1.645 + 1.645)^2}{4}\left(1 + \frac{0.1}{40}\right) + (1.645 + 1.645)\sqrt{925 \times \frac{0.1}{40} \times \left(1 + \frac{0.1}{40}\right)}}{0.294 \times 0.25 \times 0.1 \times \frac{584}{100}}$$

$$MDC = \frac{2.71 \times 1.0025 + 3.29\sqrt{925 \times 0.0025}}{0.0735 \times 0.584}$$

$$MDC = \frac{2.717 + 3.29\sqrt{2.3125}}{0.042924}$$

$$MDC = \frac{7.72}{0.042924} = 180 \frac{dpm}{100\ cm^2}$$

Example 2 - Beta Surface Scan on Concrete

$$MDC = \frac{\frac{\left(z_{1-\alpha} + z_{1-\beta}\right)^2}{4}\left(1 + \frac{t_S}{t_B}\right) + \left(z_{1-\alpha} + z_{1-\beta}\right)\sqrt{N_B \frac{t_S}{t_B}\left(1 + \frac{t_S}{t_B}\right)}}{\varepsilon_i \varepsilon_s t_S \frac{W_A}{100}}$$

$$MDC = \frac{\frac{(1.645 + 1.645)^2}{4}\left(1 + \frac{0.1}{40}\right) + (1.645 + 1.645)\sqrt{34{,}851 \times \frac{0.1}{40} \times \left(1 + \frac{0.1}{40}\right)}}{0.384 \times 0.5 \times 0.1 \times \frac{584}{100}}$$

$$MDC = \frac{2.71 \times 1.0025 + 3.29\sqrt{34{,}851 \times 0.0025}}{0.192 \times 0.584}$$

$$MDC = \frac{2.717 + 3.29\sqrt{87.13}}{0.11213}$$

$$MDC = \frac{33.43}{0.11213} = 298 \frac{dpm}{100\ cm^2}$$

Example 3 - Alpha Static Measurement on Concrete

$$MDC = \frac{\frac{\left(z_{1-\alpha} + z_{1-\beta}\right)^2}{4}\left(1 + \frac{t_S}{t_B}\right) + \left(z_{1-\alpha} + z_{1-\beta}\right)\sqrt{N_B \frac{t_S}{t_B}\left(1 + \frac{t_S}{t_B}\right)}}{\varepsilon_i \varepsilon_s t_S \frac{W_A}{100}}$$

$$MDC = \frac{\frac{(1.645 + 1.645)^2}{4}\left(1 + \frac{2}{40}\right) + (1.645 + 1.645)\sqrt{925 \times \frac{2}{40} \times \left(1 + \frac{2}{40}\right)}}{0.294 \times 0.25 \times 2 \times \frac{584}{100}}$$

$$MDC = \frac{2.71 \times 1.05 + 3.29\sqrt{925 \times 0.0525}}{0.0735 \times 11.68}$$

$$MDC = \frac{2.85 + 3.29\sqrt{48.56}}{0.85848}$$

$$MDC = \frac{25.78}{0.85848} = 30\,\frac{dpm}{100\ cm^2}$$

Example 4 – Beta Static Measurement on Concrete

$$MDC = \frac{\frac{\left(z_{1-\alpha} + z_{1-\beta}\right)^2}{4}\left(1 + \frac{t_S}{t_B}\right) + \left(z_{1-\alpha} + z_{1-\beta}\right)\sqrt{N_B \frac{t_S}{t_B}\left(1 + \frac{t_S}{t_B}\right)}}{\varepsilon_i \varepsilon_s t_S \frac{W_A}{100}}$$

$$MDC = \frac{\frac{(1.645 + 1.645)^2}{4}\left(1 + \frac{2}{40}\right) + (1.645 + 1.645)\sqrt{34{,}851 \times \frac{2}{40} \times \left(1 + \frac{2}{40}\right)}}{0.384 \times 0.5 \times 2 \times \frac{584}{100}}$$

$$MDC = \frac{2.71 \times 1.05 + 3.29\sqrt{34{,}851 \times 0.0525}}{0.192 \times 11.68}$$

$$MDC = \frac{2.85 + 3.29\sqrt{1{,}829.68}}{2.243}$$

$$MDC = \frac{143.58}{2.243} = 64 \frac{dpm}{100\ cm^2}$$

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APPENDIX B
APPROVED FIELD CHANGE REQUESTS

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FIELD CHANGE REQUEST FORM

Contract No.: N62473-17-D-0006	**CTO No.:** N6247317F4550	**Field Change Request Form No.:** 003
Location: Parcel F, Hunters Point Naval Shipyard		**Date:** August 26, 2019
Document Title: Final Revision 2, Radiological Scoping Surveys Work Plan, Parcel F Structures, Hunters Point Naval Shipyard, San Francisco, California, May 2019, DCN: APTM-0006-4550-0025.R2/F		**NIRIS Document #:** N/A

RE: Drawing No.: Not Applicable Title _____

Specification Section Not Applicable Title _____

Other _____

Description (items involved, submit sketch, if applicable)

This field change request revises Work Plan Sections 5.5 and 5.4.5. The revisions clarify field work procedures and provide consistency throughout the document.

Reason for Change

Work Plan Section 5.5 is revised to be consistent with the original intent for APTIM's subcontractor to use their procedures when operating their instruments. The need for the clarification arose following a third-party quality assurance (QA) surveillance on August 19, 2019. Per the Work Plan, the Navy's third-party QA contractor expected APTIM's subcontractor to follow APTIM's procedure to conduct functional testing on their RS-700 equipment. This FCR corrects the Work Plan to be consistent with field procedures.

Work Plan Section 5.4.5 is revised to be consistent with Work Plan Section 5.3.3, which correctly states the investigation levels (ILs) for each instrument (i.e., RS-700 system and the 3-inch by 3-inch sodium iodide [NaI] detector) will be established as the mean of the survey data plus three standard deviations.

Recommended Disposition (submit sketch, if applicable)

Section 5.5, Survey Instrumentation, second paragraph is revised as follows (revisions are underlined):

> "APTIM operational procedures included in the RPP <u>or equivalent subcontractor procedures, reviewed and approved by APTIM,</u> will be used for all field instruments to verify the equipment is operating properly and used correctly in the field to produce accurate and reliable data."

Section 5.4.5, Step Five—Develop a Decision Rule, first bullet is revised to be consistent with Section 5.3.3 as follows (revisions are underlined):

- "The IL for gamma scan measurements is <u>the mean of the survey data</u> plus three standard deviations."

FIELD CHANGE REQUEST FORM

Contract No.: N62473-17-D-0006	**CTO No.:** N6247317F4550	**Field Change Request Form No.:** 001

Additional Details

None

Will this change result in a contract cost or time change? ☐ Yes ☒ No

Estimate of contract cost or time charge (if any) _____

Preparer (signature)	Date	Preparer's Title	Technical Lead (Signature)	Date
	8/26/19	Project Manager		8/26/19

Disposition

☒ Approved

☐ Not approved (give reason): _____

Engineer (signature) (if engineering related)	Date	Project Manager (signature)	Date
N/A ☐ Comments (attached) ☐ No Comments		☐ Comments (attached) ☒ No Comments	8/26/19
Navy RASO (signature) N/A ☐ Comments (attached) ☐ No Comments	Date	QC Manager (signature)	Date 8/26/19
Navy RPM (signature) HOWARD.LESLIE.ANN.1512764165 Digitally signed by HOWARD.LESLIE.ANN.1512764165 Date: 2019.10.01 06:03:50 -07'00' ☐ Comments (attached) ☐ No Comments	Date	NAVFAC SW QAO (signature) N/A ☐ Comments (attached) ☐ No Comments	Date

Attachments:
N/A

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FIELD CHANGE REQUEST FORM

Contract No.: N62473-17-D-0006	**CTO No.:** N6247317F4550	**Field Change Request Form No.:** 004
Location: Parcel F, Hunters Point Naval Shipyard		**Date:** September 26, 2019
Document Title: Final Revision 2, Radiological Scoping Surveys Work Plan, Parcel F Structures, Hunters Point Naval Shipyard, San Francisco, California, May 2019, DCN: APTM-0006-4550-0025.R2/F		**NIRIS Document #:** N/A

RE: Drawing No.: Not Applicable Title _____

Specification Section Not Applicable Title _____

Other _____

Description (items involved, submit sketch, if applicable)

This field change request revises Work Plan Section 5.3.2. The revision includes additional methods to determine appropriate concrete reference background areas.

Reason for Change

The Final Revision 2 Work Plan states reference data will be collected in similar matrix (i.e., concrete pad) and if needed, additional reference areas may be established with the approval of the Navy. A Navy-approved concrete reference area located on Parcel C was initially used as the concrete reference area; however, data collected to date have shown that this reference area is not appropriate for the Finger Piers.

The background reference area is a geographical area from which representative radioactivity measurements are performed for comparison with measurements performed in an impacted area. According to MARSSIM, a site background area should have similar physical, chemical, geological, radiological, and biological characteristics as the survey unit being evaluated, but has not been identified as impacted. The Conceptual Site Model (CSM) for the Finger Piers is based on potentially radiologically contaminated ships coming into contact with the Finger Piers by berthing along the piers. Widespread radiological contamination is not included in the CSM and is not expected. Finger Pier alpha/beta scan results to date are not consistent with the CSM and indicate the current background reference area is not appropriate. Therefore, the recommended action is to scarify/scabble a selected portion of the Finger Pier for use as the Figure Pier reference background area. Based on the CSM, any potential radiological contamination is on the surface of the piers, and scabbling the top surface will create a non-impacted underlying surface with the same concrete characteristics.

FIELD CHANGE REQUEST FORM

Contract No.: N62473-17-D-0006	**CTO No.:** N6247317F4550	**Field Change Request Form No.:** 004

Recommended Disposition (submit sketch, if applicable)

Section 5.3.2, Concrete Background Areas, is revised to include the following paragraph:

"If an appropriate concrete background reference area cannot be located at HPNS, a section of the pier surface will be scabbled to create a new, non-impacted surface of similar material. The surface will be scabbled to approximately ½ to ¾-inch below the current surface. Scans, statics and concrete laboratory samples will be collected before and after scabbling and the information will be provided in the report."

Additional Details

None

Will this change result in a contract cost or time change? ☐ Yes ☒ No

Estimate of contract cost or time charge (if any) _____

Preparer (signature)	Date	Preparer's Title	Technical Lead (Signature)	Date
[signature]	9/26/19	Project Manager	[signature]	9/26/19

Disposition

☒ Approved

☐ Not approved (give reason): _____

Engineer (signature) (if engineering related)	Date	Project Manager (signature)	Date
N/A ☐ Comments (attached) ☐ No Comments		[signature] ☐ Comments (attached) ☒ No Comments	9/26/19
Navy RASO (signature) N/A ☐ Comments (attached) ☐ No Comments	Date	QC Manager (signature) [signature]	Date 9/26/19
Navy RPM (signature) HOWARD.LESLIE.ANN.1512764165 Digitally signed by HOWARD.LESLIE.ANN.1512764165 Date: 2019.10.01 06:03:00 -07'00' ☐ Comments (attached) ☐ No Comments	Date	NAVFAC SW QAO (signature) N/A ☐ Comments (attached) ☐ No Comments	Date

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FIELD CHANGE REQUEST FORM

Contract No.: N62473-17-D-0006	**CTO No.:** N6247317F4550	**Field Change Request Form No.:** 006
Location: Parcel F, Hunters Point Naval Shipyard		**Date:** November 12, 2019
Document Title: Final Revision 2, Radiological Scoping Surveys Work Plan, Parcel F Structures, Hunters Point Naval Shipyard, San Francisco, California, May 2019, DCN: APTM-0006-4550-0025.R2/F		**NIRIS Document #:** N/A

RE: Drawing No.: Not Applicable Title _____

Specification Section Not Applicable Title _____

Other _____

Description (items involved, submit sketch, if applicable)

This field change request revises Work Plan Sections 5.5.2 and 5.6. The revision includes additional methods to assess follow-up locations via gamma spectral analysis.

Reason for Change

The Final Revision 2 Work Plan states that the RS-700 may be used to assess follow-up locations, using a 1-minute or greater static count and spectral analysis to compare the activity at a specific point to background. There are several locations that require follow-up gamma static measurements after the gamma scans exceeded the scan investigation level. Some of these gamma static measurements also exceed the gamma static investigation level, and, therefore, require further investigation. Sections 5.5.2 and 5.6 of the Work Plan state that the RS-700 may be used. Some of the locations are located on vertical walls and are not accessible to the RS-700. Therefore, the Work Plan is revised to also allow these static count and spectral analysis to be performed with a NaI Spectrometer, specifically a Canberra Inspector 1000, or equivalent. This instrument is already listed as an instrument in Table 4 of the Work Plan.

Recommended Disposition (submit sketch, if applicable)

Section 5.5.2, Gamma Instrumentation, third paragraph, is revised as follows (revisions are underlined):

"The RS-700, or equivalent detector (i.e., Canberra Inspector 1000), may also be used to assess follow-up locations, using a 1-minute or greater static count and spectral analysis to compare the activity at a specific point to background. In this case, the net spectrum will be plotted and the critical levels assessed for ROC-specific energy ranges to determine if there is any activity present above background. Critical levels, as defined in the MARSSIM Section 6.7.1, represent thresholds above which net counts are statistically greater than background (EPA et al., 2000). If static measurements collected using the RS-700 or equivalent detector identify any elevated locations, biased samples may be collected.

Section 5.6, Gamma Instrumentation, fifth paragraph, is revised as follows (revisions are underlined):

"The RS-700, or equivalent detector (i.e., Canberra Inspector 1000), may also be used to assess follow-up locations, using a 1-minute or greater static count and spectral analysis to compare the activity at a specific point to background. In this case, the net spectrum will be plotted and the critical levels assessed for ROC-specific energy ranges to determine if there is any activity present above background. Critical levels, as defined in the MARSSIM Section 6.7.1, represent thresholds above which net counts are

FIELD CHANGE REQUEST FORM

Contract No.: N62473-17-D-0006	CTO No.: N6247317F4550	Field Change Request Form No.: 006

statistically greater than background (EPA et al., 2000). If static measurements collected using the RS-700 or equivalent detector identify any elevated locations, biased samples may be collected.

Additional Details

None

Will this change result in a contract cost or time change? ☐ Yes ☒ No

Estimate of contract cost or time charge (if any) _____

Preparer (signature)	Date	Preparer's Title	Technical Lead (Signature)	Date
Ron Bunk	11/12/19	Project Manager	Rick Greene	11/22/19

Disposition

☒ Approved

☐ Not approved (give reason): _____

Engineer (signature) (if engineering related)	Date	Project Manager (signature)	Date
N/A ☐ Comments (attached) ☐ No Comments		Ron Bunk ☐ Comments (attached) ☒ No Comments	11/12/19
Navy RASO (signature)	**Date**	**QC Manager (signature)**	**Date**
N/A ☐ Comments (attached) ☐ No Comments		☐ Comments (attached) ☒ No Comments	11/12/19
Navy RPM (signature)	**Date**	**NAVFAC SW QAO (signature)**	**Date**
☐ Comments (attached) ☒ No Comments		N/A ☐ Comments (attached) ☐ No Comments	

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APPENDIX C
PHOTOGRAPH LOG

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Photograph 1: Performing gamma scans surveys in Survey Unit (SU): 6—August 15, 2019

Photograph 2: Workers clearing a pathway to the finger piers—August 15, 2019

Photograph 3: Condition of SU-6 at the beginning of work activities—August 15, 2019

Photograph 4: Condition of SU-6 at the beginning of work activities—August 15, 2019

Photograph 5: Performing Alpha/beta Surveys in SU-6—August 19, 2019

Photograph 6: Covered open holes with plywood—August 19, 2019

Photograph 7: Gamma scans on the finger piers of SU-6—August 19, 2019

Photograph 8: Conducting alpha/beta scans of SU-6—August 20, 2019

Photograph 9: Walking SU-4, 5, and 6 with GPS unit—August 20, 2019

Photograph 10: Alpha/beta scanning of SU-6—August 21, 2019

Photograph 11: Marking out systematic sample locations and collecting smears—August 21, 2019

Photograph 12: Alpha/beta scanning of SU-6—August 22, 2019

Photograph 13: Collecting static measurements at systematic locations in SU-6—August 22, 2019

Photograph 14: SU-5 cleared of debris—August 22, 2019

Photograph 15: Alpha/beta surveys—August 26, 2019

Photograph 16: Covered open holes with plywood on SU-5—August 27, 2019

Photograph 17: Covered open holes with plywood on SU-5—August 27, 2019

Photograph 18: Collecting static measurements at systematic locations in SU-5—August 27, 2019

Photograph 19: Collecting static measurements at systematic locations in SU-5—August 27, 2019

Photograph 20: Conducting alpha/beta surveys of SU-5—August 28, 2019

Photograph 21: Conducting alpha/beta surveys of SU-5—August 28, 2019

Photograph 22: Water rescue equipment staged near workers on SU-5—August 29, 2019

Photograph 23: Conducting alpha/beta surveys of SU-5—August 30, 2019

Photograph 24: Conducting alpha/beta surveys of SU-5—September 03, 2019

Photograph 25: Gamma scans of SU-5—September 03, 2019

Photograph 26: Conducting alpha/beta surveys of SU-5—September 4, 2019

Photograph 27: Cleaning SU-5 to conduct surveys—September 4, 2019

Photograph 28: Pre-existing condition of SU-4—September 5, 2019

Photograph 29: Preexisting condition of SU-4—September 5, 2019

Photograph 30: Pre-existing condition of SU-4—September 5, 2019

Photograph Log

Photograph 31: Condition of SU-4 at the beginning of work activities—September 5, 2019

Photograph 32: Alpha/beta scans of SU-5—September 6, 2019

Photograph 33: Alpha/beta surveys of accessible grates of SU-6—September 6, 2019

Photograph 34: Alpha/beta surveys of accessible grates of SU-6—September 6, 2019

Photograph 35: Alpha/beta scans of SU-5—September 9, 2019

Photograph 36: Alpha/beta scans of SU-5—September 9, 2019

Photograph 37: Alpha/beta surveys of accessible grates in SU-6—September 9, 2019

Photograph 38: Alpha/beta surveys of accessible grates in SU-6—September 9, 2019

Photograph 39: Systematic location in SU-4—September 10, 2019

Photograph 40: Alpha/beta scans of SU-5—September 10, 2019

Photograph 41: Alpha/beta surveys of accessible grates on SU-5—September 10, 2019

Photograph 42: Alpha/beta surveys of accessible grates on SU-5—September 10, 2019

Photograph 43: Alpha/beta scans of SU-5—September 11, 2019

Photograph 44: Alpha/beta scans of accessible grates and manholes in SU-5—September 11, 2019

Photograph 45: Alpha/beta scans of accessible grates and manholes in SU-5—September 11, 2019

Photograph 46: Alpha/beta surveys of SU-5—September 12, 2019

Photograph 47: Gamma walkover survey of SU-4—September 12, 2019

Photograph 48: Alpha/beta surveys of SU-5—September 13, 2019

Photograph 49: Emergency water rescue equipment staged near workers—September 13, 2019

Photograph 50: Alpha/beta surveys of SU-5—September 16, 2019

Photograph 51: Covered open holes on the finger piers—September 17, 2019

Photograph 52: Alpha/beta surveys of SU-5—September 17, 2019

Photograph 53: Water rescue equipment staged on SU-5—September 18, 2019

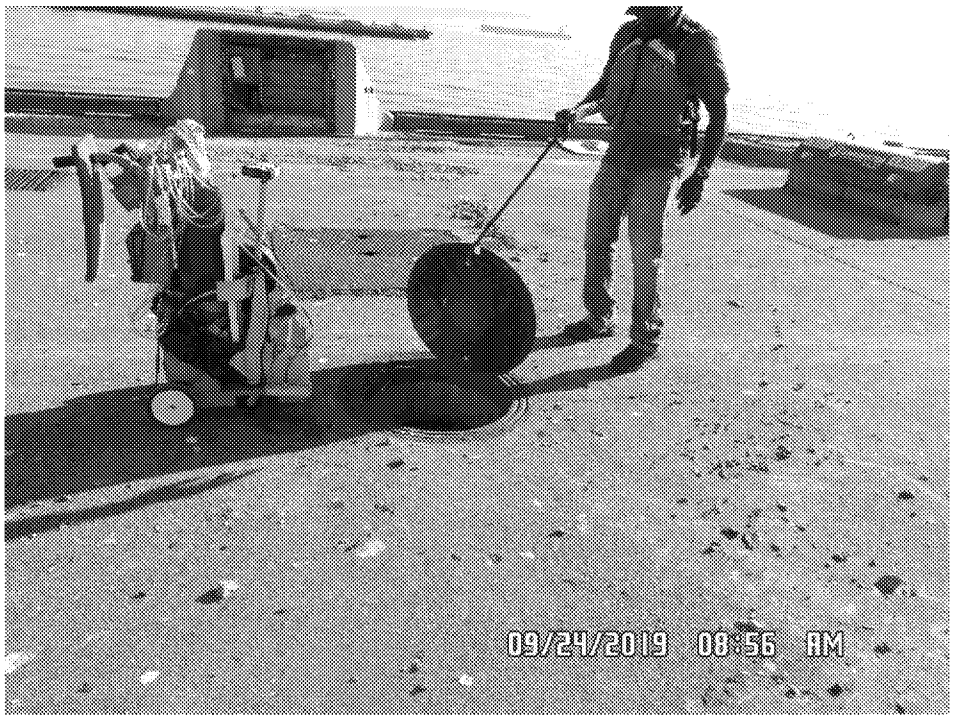
Photograph 54: Alpha/beta surveys of SU-5—September 18, 2019

Photograph 55: Static measurements on SU-4—September 19, 2019

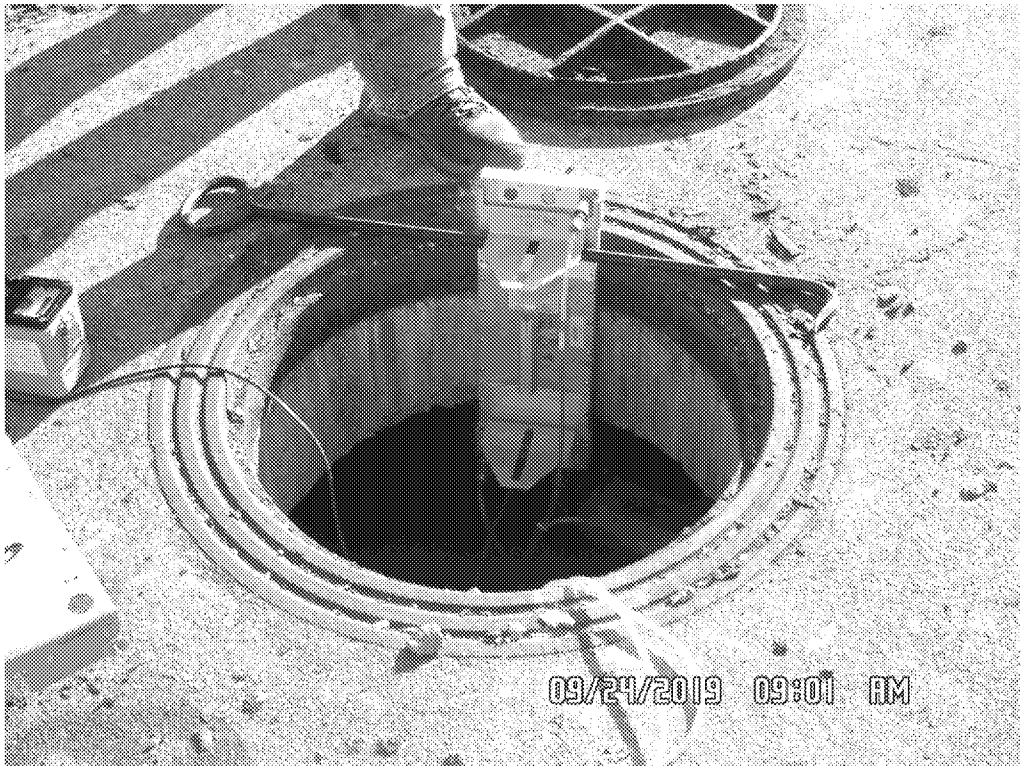
Photograph 56: Alpha/beta surveys of SU-4 accessible grate areas—September 20, 2019

Photograph 57: Alpha/beta surveys of SU-5—September 20, 2019

Photograph 58: Alpha/beta surveys of SU-4—September 23, 2019



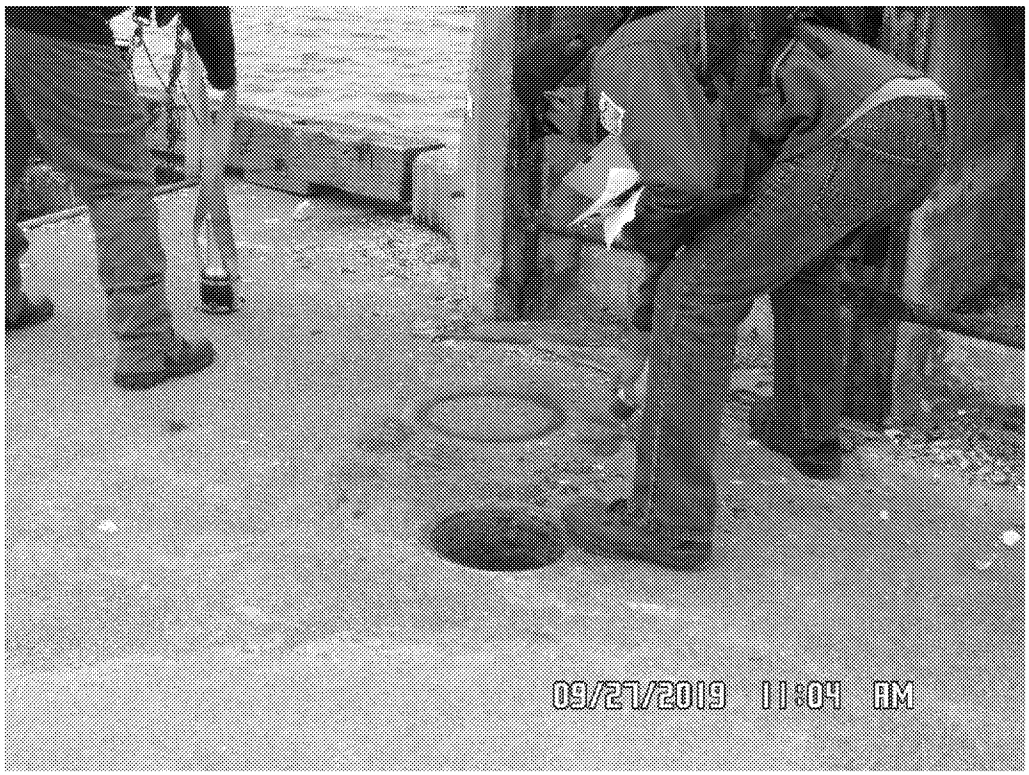
Photograph 59: Opening manhole on SU-4—September 24, 2019



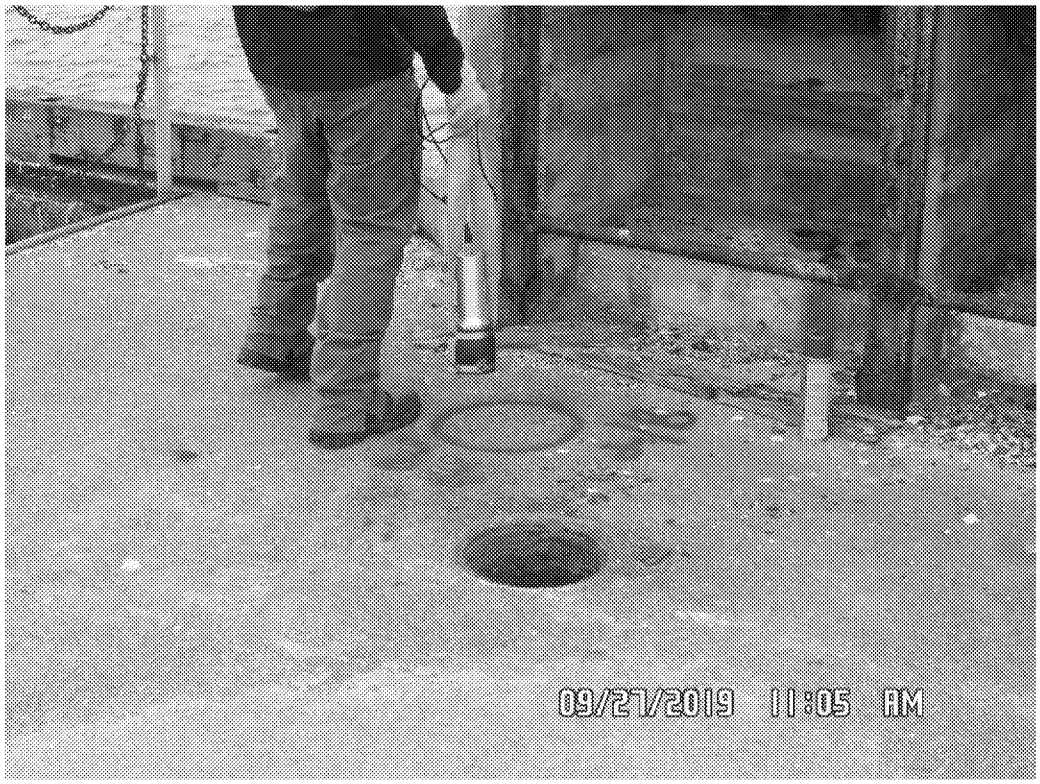
Photograph 60: Static measurement of manhole in SU-4—September 24, 2019

Photograph 61: Alpha/beta scans of SU-5—September 25, 2019

Photograph 62: Alpha/beta scanning of SU-4—September 26, 2019



Photograph 63: Collecting gamma statics in SU-5—September 27, 2019



Photograph 64: Collecting gamma statics in SU-5—September 27, 2019

Photograph 65: Alpha/beta scanning of SU-4—September 27, 2019

Photograph 66: Alpha/beta scanning on accessible grates in SU-4—September 30, 2019

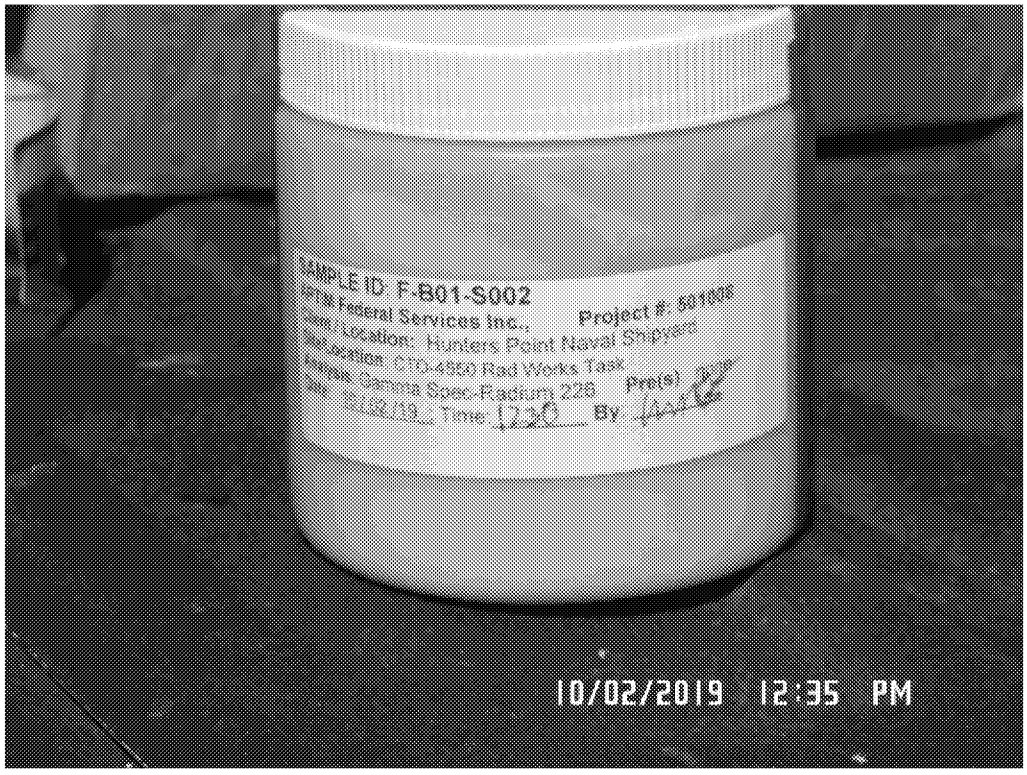
Photograph 67: Alpha/beta scanning on accessible grates in SU-4—September 30, 2019

Photograph 68: Alpha/beta scanning of SU-4—September 30, 2019

Photograph 69: Alpha/beta scanning—October 1, 2019

Photograph 70: Scabbling concrete surface on SU-6—October 2, 2019

Photograph 71: Scrabbling concrete surface on SU-6—October 2, 2019



Photograph 72: Concrete sample collected from SU-6—October 2, 2019

Photograph 73: Alpha/beta scans of SU-4—October 4, 2019

Photograph 74: Alpha/beta scans of SU-4—October 17, 2019

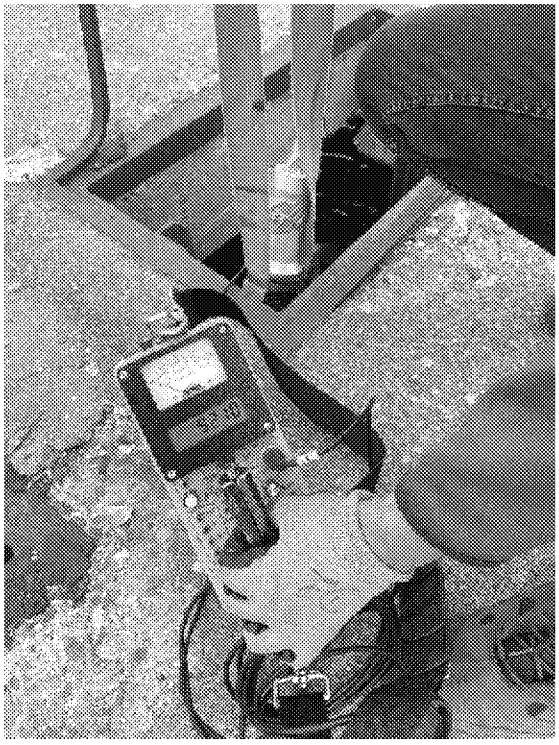
Photograph 75: Alpha/beta scans of SU-4—October 17, 2019

Photograph 76: Air monitoring during concrete sampling—October 24, 2019

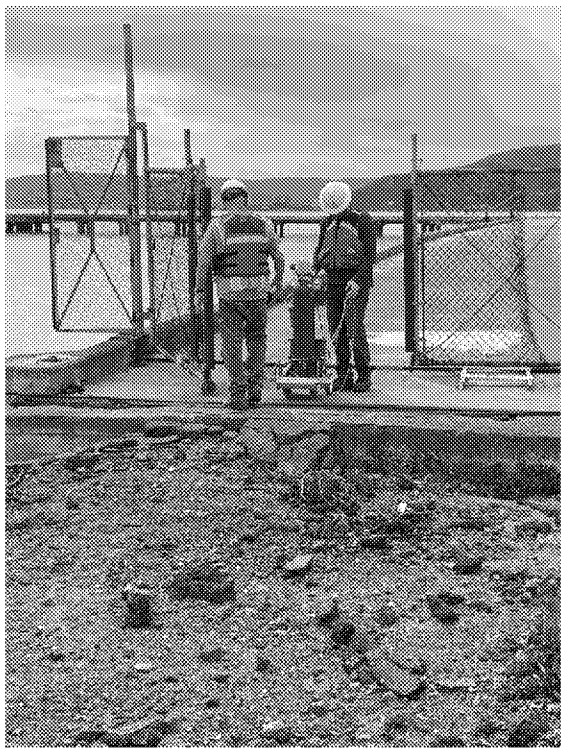
Photograph 77: Concrete sampling of SU-5—October 24, 2019

Photograph 78: Concrete sampling of SU-5—October 24, 2019

Photograph 79: Gamma static survey of SU-5—November 14, 2019



Photograph 80: Gamma static survey of SU-5—November 14, 2019



Photograph 81: Preparing to perform follow-up scans on SU-6—March 10, 2020

Photograph 82: Plywood and sandbag coverings visible over holes on SU-4—March 10, 2020

Photograph 83: Setting up equipment to perform follow-up scans on SU-4 (manholes were not entered)—March 11, 2020

APPENDIX D
REFERENCE BACKGROUND AREA DATA

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ALPHA-BETA REFERENCE AREA BACKGROUND DATA
Concrete RBA - Concrete Pad in Parcel C
Metal RBA - Metal Plates on Floor in Building 258

Meter/Probe ID	M2
Meter/Probe SN	2360 SN278586/ 43-37 PR178371
Active Area (cm^2)	584
Count Time (sec)	120

Measurement Sequence #	Concrete		Metal	
	Alpha Ct.	Beta Ct.	Alpha Ct.	Beta Ct.
1	48	1529	9	815
2	15	1585	11	839
3	29	1511	6	898
4	25	1515	7	830
5	26	1560	7	790
6	31	1512	13	873
7	30	1549	10	894
8	34	1470	10	817
9	39	1502	8	895
10	40	1505	14	873
11	24	1497	6	909
12	26	1482	8	895
13	33	1549	9	927
14	33	1508	15	897
15	31	1458	7	916
16	24	1486	9	901
17	26	1575	12	874
18	28	1599	9	867
19	30	1490	11	856
20	44	1549	14	907
Summary Statistics (in counts per minute [cpm])				
# of Measurements	20	20	20	20
Minimum	7.5	729	3	395
Maximum	24	799.5	7.5	463.5
Mean	15.4	760.8	4.9	436.8
Median	15.0	755.8	4.5	442.0
Stand. Dev.	3.8	19.5	1.4	19.0

Summary Statistics (in disintegrations per minute per 100 square centimeters [dpm/100 cm2])				
# of Measurements	20	20	20	20
Minimum	19.2	657.0	7.7	356.0
Maximum	61.3	720.5	19.2	417.7
Mean	39.4	685.6	12.5	393.7
Median	38.3	681.1	11.5	398.3
Stand. Dev.	9.7	17.6	3.5	17.1

HP Technician Signature:

Supervisor Signature:

ALPHA-BETA REFERENCE AREA BACKGROUND DATA
Concrete RBA - Concrete Pad in Parcel C
Metal RBA - Metal Plates on Floor in Building 258

Meter/Probe ID	M3
Meter/Probe SN	2360 SN215271/ 43-37 PR216985
Active Area (cm^2)	584
Count Time (sec)	120

Measurement Sequence #	Concrete		Metal	
	Alpha Ct.	Beta Ct.	Alpha Ct.	Beta Ct.
1	47	1758	5	805
2	38	1727	13	824
3	43	1710	13	827
4	48	1664	17	860
5	55	1754	8	830
6	32	1735	10	843
7	39	1816	9	777
8	47	1676	10	914
9	35	1653	14	816
10	46	1638	11	836
11	47	1717	15	803
12	47	1772	7	798
13	49	1747	10	845
14	64	1747	7	850
15	51	1828	7	837
16	49	1816	8	860
17	43	1747	13	828
18	43	1739	12	839
19	55	1794	10	816
20	47	1813	11	852
Summary Statistics (in counts per minute [cpm])				
# of Measurements	20	20	20	20
Minimum	16	819	2.5	388.5
Maximum	32	914	8.5	457
Mean	23.1	871.3	5.3	416.5
Median	23.5	873.5	5.0	416.5
Stand. Dev.	3.6	27.8	1.5	14.4

Summary Statistics (in disintegrations per minute per 100 square centimeters [dpm/100 cm2])				
# of Measurements	20	20	20	20
Minimum	37.0	730.4	5.8	346.5
Maximum	74.0	815.1	19.7	407.6
Mean	53.5	777.0	12.1	371.5
Median	54.4	779.0	11.6	371.5
Stand. Dev.	8.4	24.8	3.6	12.8

HP Technician Signature:

Supervisor Signature:

ALPHA-BETA REFERENCE AREA BACKGROUND DATA
Concrete RBA - Concrete Pad in Parcel C
Metal RBA - Metal Plates on Floor in Building 258

Meter/Probe ID	M5
Meter/Probe SN	2360 SN220263/ 43-37 PR216985
Active Area (cm^2)	584
Count Time (sec)	120

Measurement Sequence #	Concrete		Metal	
	Alpha Ct.	Beta Ct.	Alpha Ct.	Beta Ct.
1	62	2191	39	1517
2	65	2134	31	1490
3	61	2182	30	1463
4	50	2184	24	1407
5	68	2152	37	1475
6	58	2241	31	1466
7	70	2212	19	1427
8	53	2090	32	1442
9	81	2169	36	1433
10	60	2139	21	1411
11	69	2262	23	1490
12	65	2227	23	1380
13	51	2172	25	1403
14	65	2254	25	1480
15	62	2174	15	1351
16	67	2184	18	1426
17	52	2051	26	1473
18	52	2051	23	1443
19	67	2201	24	1479
20	70	2228	18	1418
Summary Statistics (in counts per minute [cpm])				
# of Measurements	20	20	20	20
Minimum	25	1025.5	7.5	675.5
Maximum	40.5	1131	19.5	758.5
Mean	31.2	1087.5	13.0	721.9
Median	31.8	1091.5	12.3	721.3
Stand. Dev.	4.0	29.9	3.3	20.8

Summary Statistics (in disintegrations per minute per 100 square centimeters [dpm/100 cm2])				
# of Measurements	20	20	20	20
Minimum	55.6	852.4	16.7	561.5
Maximum	90.1	940.1	43.4	630.5
Mean	69.4	903.9	28.9	600.0
Median	70.6	907.3	27.2	599.5
Stand. Dev.	8.9	24.8	7.4	17.3

HP Technician Signature:

Supervisor Signature:

ALPHA-BETA REFERENCE AREA BACKGROUND DATA
Concrete RBA - Concrete Pad in Parcel C
Metal RBA - Metal Plates on Floor in Building 258

Meter/Probe ID	M6
Meter/Probe SN	2360 SN278604/ 43-37 PR190617
Active Area (cm^2)	584
Count Time (sec)	120

Measurement Sequence #	Concrete		Metal	
	Alpha Ct.	Beta Ct.	Alpha Ct.	Beta Ct.
1	49	1999	11	1299
2	31	1873	6	1262
3	39	1866	8	1204
4	48	1954	8	1288
5	34	1902	7	1224
6	46	2026	7	1193
7	33	1954	7	1204
8	31	1889	6	1211
9	38	2041	10	1201
10	40	2008	8	1174
11	37	1838	10	1137
12	49	1924	13	1195
13	55	1988	5	1145
14	43	1976	4	1162
15	36	1973	2	1143
16	37	2032	3	1156
17	36	1920	8	1165
18	35	1955	9	1140
19	41	2011	4	1151
20	54	1908	4	1184
Summary Statistics (in counts per minute [cpm])				
# of Measurements	20	20	20	20
Minimum	15.5	919	1	568.5
Maximum	27.5	1020.5	6.5	649.5
Mean	20.3	975.9	3.5	596.0
Median	19.3	977.3	3.5	594.3
Stand. Dev.	3.7	29.9	1.4	23.7

Summary Statistics (in disintegrations per minute per 100 square centimeters [dpm/100 cm2])				
# of Measurements	20	20	20	20
Minimum	39.6	802.9	2.6	496.7
Maximum	70.3	891.5	16.6	567.4
Mean	51.9	852.6	8.9	520.6
Median	49.2	853.8	8.9	519.2
Stand. Dev.	9.3	26.1	3.6	20.7

HP Technician Signature:

Supervisor Signature:

ALPHA-BETA REFERENCE AREA BACKGROUND DATA
Concrete RBA - Concrete Pad in Parcel C
Metal RBA - Metal Plates on Floor in Building 258

Meter/Probe ID	M7
Meter/Probe SN	2360 SN245779/ 43-37 PR190618
Active Area (cm^2)	584
Count Time (sec)	120

Measurement Sequence #	Concrete		Metal	
	Alpha Ct.	Beta Ct.	Alpha Ct.	Beta Ct.
1	35	1843	16	1286
2	40	1904	8	1252
3	40	2019	9	1288
4	46	1943	4	1217
5	39	1911	9	1265
6	40	1978	7	1242
7	32	2056	5	1199
8	38	1947	9	1167
9	42	2004	8	1201
10	44	1933	8	1194
11	45	2038	10	1224
12	52	1963	10	1180
13	49	2013	7	1233
14	49	2020	4	1173
15	43	1938	11	1124
16	40	2113	9	1219
17	41	2084	8	1171
18	60	2037	6	1216
19	40	2090	7	1186
20	32	1974	7	1175
Summary Statistics (in counts per minute [cpm])				
# of Measurements	20	20	20	20
Minimum	16	921.5	2	562
Maximum	30	1056.5	8	644
Mean	21.2	995.2	4.1	605.3
Median	20.3	995.5	4.0	604.3
Stand. Dev.	3.3	34.7	1.3	21.1

Summary Statistics (in disintegrations per minute per 100 square centimeters [dpm/100 cm2])				
# of Measurements	20	20	20	20
Minimum	41.5	762.3	5.2	464.9
Maximum	77.8	873.9	20.8	532.7
Mean	54.9	823.2	10.5	500.7
Median	52.5	823.5	10.4	499.8
Stand. Dev.	8.6	28.7	3.4	17.5

HP Technician Signature:

Supervisor Signature:

ALPHA-BETA REFERENCE AREA BACKGROUND DATA
Concrete RBA - Concrete Pad in Parcel C
Metal RBA - Metal Plates on Floor in Building 258

Meter/Probe ID	M8
Meter/Probe SN	2360 SN275739/ 43-37 PR302114
Active Area (cm^2)	584
Count Time (sec)	120

Measurement Sequence #	Concrete		Metal	
	Alpha Ct.	Beta Ct.	Alpha Ct.	Beta Ct.
1	72	2064	22	1376
2	62	2100	19	1331
3	70	2107	28	1342
4	43	2061	20	1470
5	64	2089	21	1384
6	65	2129	15	1435
7	81	2039	24	1417
8	77	2089	16	1389
9	68	2096	16	1387
10	65	2129	17	1396
11	84	2145	25	1383
12	78	2099	23	1471
13	89	2101	18	1416
14	62	2181	25	1389
15	51	2199	20	1338
16	63	2174	20	1364
17	68	2206	16	1395
18	75	2188	23	1355
19	66	2195	31	1356
20	75	2051	24	1379
Summary Statistics (in counts per minute [cpm])				
# of Measurements	20	20	20	20
Minimum	21.5	1019.5	7.5	665.5
Maximum	44.5	1103	15.5	735.5
Mean	34.5	1061.1	10.6	694.3
Median	34.0	1052.0	10.3	692.8
Stand. Dev.	5.4	26.4	2.1	19.3

Summary Statistics (in disintegrations per minute per 100 square centimeters [dpm/100 cm2])				
# of Measurements	20	20	20	20
Minimum	48.4	895.2	16.9	584.4
Maximum	100.3	968.6	34.9	645.9
Mean	77.6	931.7	23.8	609.7
Median	76.6	923.8	23.1	608.3
Stand. Dev.	12.1	23.2	4.8	17.0

HP Technician Signature:

Supervisor Signature:

ALPHA-BETA REFERENCE AREA BACKGROUND DATA
Concrete RBA - Concrete Pad in Parcel C

Meter/Probe ID	M9
Meter/Probe SN	2360 SN220242/ 43-37 PR124946
Active Area (cm^2)	584
Count Time (sec)	120

Measurement Sequence #	Concrete	
	Alpha Ct.	Beta Ct.
1	61	1746
2	58	1739
3	51	1668
4	51	1782
5	50	1717
6	46	1695
7	52	1828
8	50	1751
9	46	1817
10	52	1698
11	57	1763
12	46	1717
13	63	1771
14	66	1792
15	59	1777
16	64	1765
17	62	1710
18	52	1736
19	44	1688
20	57	1697

Summary Statistics (in counts per minute [cpm])		
# of Measurements	20	20
Minimum	22	834
Maximum	33	914
Mean	27.2	871.4
Median	26	871.3
Stand. Dev.	3.3	22.1

Summary Statistics (in disintegrations per minute per 100 square centimeters [dpm/100 cm2])		
# of Measurements	20	20
Minimum	49.8	739.9
Maximum	74.6	810.9
Mean	61.5	773.1
Median	58.8	773.0
Stand. Dev.	7.6	19.6

HP Technician Signature:

Supervisor Signature:

Gamma Static Reference Background Area (RBA)

Concrete RBA - Small Concrete Pad Adjacent to Submarine Pens

Metal RBA - Metal Plates on Floor in Building 258

Instrument (SN) - 3x3 NaI		
Meter	2221	(SN176952)
Probe	44-20	(PR262403)

Seq	Gamma Static cpm (1-min Count)			
	Concrete		Metal	
	cpm	Count Date	cpm	Count Date
1	11356	11/11/2019	6049	10/8/2019
2	11537	11/11/2019	6524	10/8/2019
3	11291	11/11/2019	6495	10/8/2019
4	10696	11/11/2019	6443	10/8/2019
5	11570	11/11/2019	6580	10/8/2019
6	12584	11/11/2019	6202	10/8/2019
7	11897	11/11/2019	5947	10/8/2019
8	12061	11/11/2019	6125	10/8/2019
9	13357	11/11/2019	6551	10/8/2019
10	12503	11/11/2019	6699	10/8/2019
11	13976	11/11/2019	6095	10/8/2019
12	12206	11/11/2019	6613	10/8/2019
13	11713	11/11/2019	6618	10/8/2019
14	10526	11/11/2019	6189	10/8/2019
15	10813	11/11/2019	6053	10/8/2019
16	10522	11/11/2019	6433	10/8/2019
17	11853	11/11/2019	6419	10/8/2019
18	11818	11/11/2019	5942	10/8/2019
19	11018	11/11/2019	6521	10/8/2019
20	11485	11/11/2019	6849	10/8/2019
Min	**10,522**		**5,942**	
Max	**13,976**		**6,849**	
Mean	**11,739**		**6,367**	
SD	**894**		**269**	
Mean + 3-Sigma	**14,421**		**7,173**	

HP Technician Signature:

Supervisor Signature:

APPENDIX E
RADIOLOGICAL INSTRUMENT QUALITY CONTROL DOCUMENTS

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CABRERA ALPHA-BETA COUNTING INSTRUMENT (Rev 6)

Counting Instrument:	2929	Detector:	43-10-1	Calibration Date:	2/20/2019
Serial #:	155577	Serial #:	PR157789	12 month calibration:	OK
Detector Active Area or Area Covered by Smear (cm^2):	100				

	Efficiency (fraction)	Source Nuclide	Source Number	Original Source Activity (DPM)	Source Creation Date	$T_{1/2}$ (yr)	Source Decayed Activity	Required MDA ($DPM/100cm^2$)	Control Chart & Daily Bkg Count Time	Control Chart & Daily Source-Sample Count Time	Control Chart bkg Average α/β cpm	Control Chart bkg 1 sigma, cpm	Control Chart Source-bkg Average α/β cpm	Control Chart source 1 sigma, cpm
Alpha	0.3309	Th-230	M6-837	5,521	6/16/2015	7.54E+04	5,521	20	10	1	0.19	0.13	1767.9	53.07
Beta	0.3815	Tc-99	M6-836	5,976	6/16/2015	2.11E+05	5,976	200	10	1	44.30	3.05	1473.3	49.29

Date	Daily Bkg Counts		Daily Check Source Counts		Daily Bkg Rate (cpm)		Net Daily Source Rate (cpm)		Bkg QC Pass/Fail		Source QC Pass/Fail				α MDA OK?	β MDA OK?	H.P. Technician	Technician Initials
	Alpha	Beta	Alpha	Beta	Alpha	Beta	Alpha	Beta	Alpha	Beta	Alpha	Beta	MDA α (dpm)	MDA β (dpm)				
8/13/2019	2	399	1801	1513	0.2	39.9	1800.8	1473.1	PASS	PASS	PASS	PASS	13.73	65	Yes	Yes		BB
8/13/2019	0	416	1765	1476	0.0	41.6	1765.0	1434.4	PASS	PASS	PASS	PASS	9.07	66	Yes	Yes		BB
8/14/2019	0	439	1773	1551	0.0	43.9	1773.0	1507.1	PASS	PASS	PASS	PASS	9.07	68	Yes	Yes		BB
8/14/2019	2	466	1754	1568	0.2	46.6	1753.8	1521.4	PASS	PASS	PASS	PASS	13.73	70	Yes	Yes		BB
8/15/2019	1	454	1743	1463	0.1	45.4	1742.9	1417.6	PASS	PASS	PASS	PASS	12.36	69	Yes	Yes		BB
8/15/2019	0	451	1755	1552	0.0	45.1	1755.0	1506.9	PASS	PASS	PASS	PASS	9.07	69	Yes	Yes		BB
8/16/2019	0	433	1733	1501	0.0	43.3	1733.0	1457.7	PASS	PASS	PASS	PASS	9.07	67	Yes	Yes		BB
8/16/2019	0	399	1813	1453	0.0	39.9	1813.0	1413.1	PASS	PASS	PASS	PASS	9.07	65	Yes	Yes		BB
8/19/2019	1	462	1738	1562	0.1	46.2	1737.9	1515.8	PASS	PASS	PASS	PASS	12.36	69	Yes	Yes		BB
8/19/2019	2	420	1788	1490	0.2	42.0	1787.8	1448.0	PASS	PASS	PASS	PASS	13.73	66	Yes	Yes		BB
8/20/2019	3	451	1752	1596	0.3	45.1	1751.7	1550.9	PASS	PASS	PASS	PASS	14.78	69	Yes	Yes		BB
8/20/2019	0	477	1822	1623	0.0	47.7	1822.0	1575.3	PASS	PASS	PASS	QUESTION	9.07	70	Yes	Yes		BB
8/20/2019	0	477	1822	1549	0.0	47.7	1822.0	1501.3	PASS	PASS	PASS	PASS	9.07	70	Yes	Yes		BB
8/21/2019	0	433	1759	1557	0.0	43.3	1759.0	1513.7	PASS	PASS	PASS	PASS	9.07	67	Yes	Yes		BB
8/21/2019	0	441	1812	1588	0.0	44.1	1812.0	1543.9	PASS	PASS	PASS	PASS	9.07	68	Yes	Yes		BB
8/22/2019	1	453	1843	1584	0.1	45.3	1842.9	1538.7	PASS	PASS	PASS	PASS	12.36	69	Yes	Yes		BB
8/22/2019	0	424	1811	1489	0.0	42.4	1811.0	1446.6	PASS	PASS	PASS	PASS	9.07	67	Yes	Yes		BB
8/23/2019	0	472	1766	1454	0.0	47.2	1766.0	1406.8	PASS	PASS	PASS	PASS	9.07	70	Yes	Yes		BB
8/23/2019	3	462	1732	1504	0.3	46.2	1731.7	1457.8	PASS	PASS	PASS	PASS	14.78	69	Yes	Yes		BB
8/26/2019	0	444	1743	1480	0.0	44.4	1743.0	1435.6	PASS	PASS	PASS	PASS	9.07	68	Yes	Yes		BB
8/26/2019	1	390	1807	1550	0.1	39.0	1806.9	1511.0	PASS	PASS	PASS	PASS	12.36	64	Yes	Yes		BB
8/27/2019	0	426	1741	1552	0.0	42.6	1741.0	1509.4	PASS	PASS	PASS	PASS	9.07	67	Yes	Yes		BB
8/27/2019	3	411	1760	1493	0.3	41.1	1759.7	1451.9	PASS	PASS	PASS	PASS	14.78	66	Yes	Yes		BB
8/28/2019	0	454	1684	1524	0.0	45.4	1684.0	1478.6	PASS	PASS	PASS	PASS	9.07	69	Yes	Yes		BB
8/28/2019	0	454	1791	1524	0.0	45.4	1791.0	1478.6	PASS	PASS	PASS	PASS	9.07	69	Yes	Yes		BB
8/28/2019	0	431	1719	1543	0.0	43.1	1719.0	1499.9	PASS	PASS	PASS	PASS	9.07	67	Yes	Yes		BB
8/29/2019	1	425	1770	1533	0.1	42.5	1769.9	1490.5	PASS	PASS	PASS	PASS	12.36	67	Yes	Yes		BB
8/29/2019	0	423	1783	1495	0.0	42.3	1783.0	1452.7	PASS	PASS	PASS	PASS	9.07	67	Yes	Yes		BB
8/30/2019	1	408	1788	1536	0.1	40.8	1787.9	1495.2	PASS	PASS	PASS	PASS	12.36	66	Yes	Yes		BB
8/30/2019	0	393	1767	1451	0.0	39.3	1767.0	1411.7	PASS	PASS	PASS	PASS	9.07	65	Yes	Yes		BB
9/3/2019	0	425	1774	1493	0.0	42.5	1774.0	1450.5	PASS	PASS	PASS	PASS	9.07	67	Yes	Yes		BB
9/3/2019	1	422	1611	1454	0.1	42.2	1610.9	1411.8	PASS	PASS	QUESTION	PASS	12.36	67	Yes	Yes		BB
9/3/2019	1	422	1704	1454	0.1	42.2	1703.9	1411.8	PASS	PASS	PASS	PASS	12.36	67	Yes	Yes		BB
9/4/2019	2	449	1764	1502	0.2	44.9	1763.8	1457.1	PASS	PASS	PASS	PASS	13.73	68	Yes	Yes		BB
9/4/2019	0	420	1770	1481	0.0	42.0	1770.0	1439.0	PASS	PASS	PASS	PASS	9.07	66	Yes	Yes		BB
9/5/2019	1	436	1686	1456	0.1	43.6	1685.9	1412.4	PASS	PASS	PASS	PASS	12.36	68	Yes	Yes		BB
9/5/2019	0	402	1759	1522	0.0	40.2	1759.0	1481.8	PASS	PASS	PASS	PASS	9.07	65	Yes	Yes		BB
9/9/2019	2	418	1764	1568	0.2	41.8	1763.8	1526.2	PASS	PASS	PASS	PASS	13.73	66	Yes	Yes		BB
9/9/2019	3	481	1770	1549	0.3	48.1	1769.7	1500.9	PASS	PASS	PASS	PASS	14.78	71	Yes	Yes		BB
9/10/2019	0	506	1686	1507	0.0	50.6	1686.0	1456.4	PASS	QUESTION	PASS	PASS	9.07	72	Yes	Yes		BB
9/10/2019	0	490	1686	1507	0.0	49.0	1686.0	1458.0	PASS	PASS	PASS	PASS	9.07	71	Yes	Yes		BB
9/10/2019	1	435	1739	1496	0.1	43.5	1738.9	1452.5	PASS	PASS	PASS	PASS	12.36	68	Yes	Yes		BB
9/11/2019	0	479	1733	1537	0.0	47.9	1733.0	1489.1	PASS	PASS	PASS	PASS	9.07	70	Yes	Yes		BB
9/11/2019	4	489	1719	1580	0.4	48.9	1718.6	1531.1	PASS	PASS	PASS	PASS	15.66	71	Yes	Yes		BB
9/13/2019	0	480	1680	1480	0.0	48.0	1680.0	1432.0	PASS	PASS	PASS	PASS	9.07	71	Yes	Yes		BB

HP Technician Signature:

Supervisor Signature:

Ludlum
2929/43-10-1
155577/PR157789

CABRERA ALPHA-BETA COUNTING INSTRUMENT (Rev 6)

	Efficiency (fraction)	Source Nuclide	Source Number	Original Source Activity (DPM)	Source Creation Date	$T_{1/2}$ (yr)	Source Decayed Activity	Required MDA (DPM/100cm^2)	Control Chart & Daily Bkg Count Time	Control Chart & Daily Source-Sample Count Time	Control Chart bkg Average α/β cpm	Control Chart bkg 1 sigma, cpm	Control Chart Source-bkg Average α/β cpm	Control Chart source 1 sigma, cpm				
Alpha	0.3309	Th-230	M6-837	5,521	6/16/2015	7.54E+04	5,521	20	10	1	0.19	0.13	1767.9	53.07				
Beta	0.3815	Tc-99	M6-836	5,976	6/16/2015	2.11E+05	5,976	200	10	1	44.30	3.05	1473.3	49.29				

Date	Daily Bkg Counts		Daily Check Source Counts		Daily Bkg Rate (cpm)		Net Daily Source Rate (cpm)		Bkg QC Pass/Fail		Source QC Pass/Fail				α MDA OK?	β MDA OK?	H.P. Technician	Technician Initials
	Alpha	Beta	Alpha	Beta	Alpha	Beta	Alpha	Beta	Alpha	Beta	Alpha	Beta	MDA α (dpm)	MDA β (dpm)				
9/13/2019	3	490	1682	1387	0.3	49.0	1681.7	1338.0	PASS	PASS	PASS	QUESTION	14.78	71	Yes	Yes		BB
9/13/2019	3	490	1682	1435	0.3	49.0	1681.7	1386.0	PASS	PASS	PASS	PASS	14.78	71	Yes	Yes		BB
9/16/2019	1	485	1730	1471	0.1	48.5	1729.9	1422.5	PASS	PASS	PASS	PASS	12.36	71	Yes	Yes		BB
9/16/2019	0	414	1671	1512	0.0	41.4	1671.0	1470.6	PASS	PASS	PASS	PASS	9.07	66	Yes	Yes		BB
9/17/2019	1	479	1722	1449	0.1	47.9	1721.9	1401.1	PASS	PASS	PASS	PASS	12.36	70	Yes	Yes		BB
9/17/2019	3	532	1784	1560	0.3	53.2	1783.7	1506.8	PASS	QUESTION	PASS	PASS	14.78	74	Yes	Yes		BB
9/17/2019	3	479	1784	1560	0.3	47.9	1783.7	1512.1	PASS	PASS	PASS	PASS	14.78	70	Yes	Yes		BB
9/18/2019	1	471	1687	1435	0.1	47.1	1686.9	1387.9	PASS	PASS	PASS	PASS	12.36	70	Yes	Yes		BB
9/18/2019	1	464	1723	1516	0.1	46.4	1722.9	1469.6	PASS	PASS	PASS	PASS	12.36	69	Yes	Yes		BB
9/19/2019	0	477	1682	1432	0.0	47.7	1682.0	1384.3	PASS	PASS	PASS	PASS	9.07	70	Yes	Yes		BB
9/19/2019	2	472	1717	1513	0.2	47.2	1716.8	1465.8	PASS	PASS	PASS	PASS	13.73	70	Yes	Yes		BB
9/20/2019	0	442	1729	1507	0.0	44.2	1729.0	1462.8	PASS	PASS	PASS	PASS	9.07	68	Yes	Yes		LKC
9/20/2019	2	472	1698	1465	0.2	47.2	1697.8	1417.8	PASS	PASS	PASS	PASS	13.73	70	Yes	Yes		LKC
9/24/2019	0	451	1707	1496	0.0	45.1	1707.0	1450.9	PASS	PASS	PASS	PASS	9.07	69	Yes	Yes		LKC
9/24/2019	2	481	1644	1541	0.2	48.1	1643.8	1492.9	PASS	PASS	QUESTION	PASS	13.73	71	Yes	Yes		SH
9/24/2019	2	481	1755	1541	0.2	48.1	1754.8	1492.9	PASS	PASS	PASS	PASS	13.73	71	Yes	Yes		SH
9/26/2019	0	442	1690	1511	0.0	44.2	1690.0	1466.8	PASS	PASS	PASS	PASS	9.07	68	Yes	Yes		BB
9/26/2019	1	488	1743	1609	0.1	48.8	1742.9	1560.2	PASS	PASS	PASS	PASS	12.36	71	Yes	Yes		BB
9/27/2019	3	510	1821	1550	0.3	51.0	1820.7	1499.0	PASS	QUESTION	PASS	PASS	14.78	72	Yes	Yes		BB
9/27/2019	0	489	1770	1609	0.0	48.9	1770.0	1560.1	PASS	PASS	PASS	PASS	9.07	71	Yes	Yes		BB
10/1/2019	0	451	1741	1558	0.0	45.1	1741.0	1512.9	PASS	PASS	PASS	PASS	9.07	69	Yes	Yes		BB
10/1/2019	1	397	1693	1591	0.1	39.7	1692.9	1551.3	PASS	PASS	PASS	PASS	12.36	65	Yes	Yes		BB
10/2/2019	0	433	1671	1555	0.0	43.3	1671.0	1511.7	PASS	PASS	PASS	PASS	9.07	67	Yes	Yes		BB
10/2/2019	0	488	1788	1612	0.0	48.8	1788.0	1563.2	PASS	PASS	PASS	PASS	9.07	71	Yes	Yes		BB
10/3/2019	0	494	1733	1469	0.0	49.4	1733.0	1419.6	PASS	PASS	PASS	PASS	9.07	71	Yes	Yes		BB
10/3/2019	1	445	1781	1541	0.1	44.5	1780.9	1496.5	PASS	PASS	PASS	PASS	12.36	68	Yes	Yes		BB
10/4/2019	0	417	1732	1524	0.0	41.7	1732.0	1482.3	PASS	PASS	PASS	PASS	9.07	66	Yes	Yes		BB
10/4/2019	2	432	1761	1613	0.2	43.2	1760.8	1569.8	PASS	PASS	PASS	PASS	13.73	67	Yes	Yes		BB
10/7/2019	1	482	1727	1430	0.1	48.2	1726.9	1381.8	PASS	PASS	PASS	PASS	12.36	71	Yes	Yes		BB
10/7/2019	2	460	1751	1560	0.2	46.0	1750.8	1514.0	PASS	PASS	PASS	PASS	13.73	69	Yes	Yes		BB
10/8/2019	0	454	1745	1501	0.0	45.4	1745.0	1455.6	PASS	PASS	PASS	PASS	9.07	69	Yes	Yes		BB
10/8/2019	1	470	1678	1567	0.1	47.0	1677.9	1520.0	PASS	PASS	PASS	PASS	12.36	70	Yes	Yes		BB
10/9/2019	1	452	1693	1469	0.1	45.2	1692.9	1423.8	PASS	PASS	PASS	PASS	12.36	69	Yes	Yes		BB
10/9/2019	0	488	1741	1551	0.0	48.8	1741.0	1502.2	PASS	PASS	PASS	PASS	9.07	71	Yes	Yes		BB
10/10/2019	0	428	1706	1529	0.0	42.8	1706.0	1486.2	PASS	PASS	PASS	PASS	9.07	67	Yes	Yes		BB
10/10/2019	0	450	1680	1497	0.0	45.0	1680.0	1452.0	PASS	PASS	PASS	PASS	9.07	69	Yes	Yes		BB
10/11/2019	1	483	1723	1559	0.1	48.3	1722.9	1510.7	PASS	PASS	PASS	PASS	12.36	71	Yes	Yes		BB
10/11/2019	2	490	1761	1492	0.2	49.0	1760.8	1443.0	PASS	PASS	PASS	PASS	13.73	71	Yes	Yes		BB
10/15/2019	0	449	1701	1518	0.0	44.9	1701.0	1473.1	PASS	PASS	PASS	PASS	9.07	68	Yes	Yes		BB
10/15/2019	3	420	1781	1593	0.3	42.0	1780.7	1551.0	PASS	PASS	PASS	PASS	14.78	66	Yes	Yes		BB
10/16/2019	0	427	1775	1525	0.0	42.7	1775.0	1482.3	PASS	PASS	PASS	PASS	9.07	67	Yes	Yes		BB
10/16/2019	1	464	1692	1488	0.1	46.4	1691.9	1441.6	PASS	PASS	PASS	PASS	12.36	69	Yes	Yes		BB
10/17/2019	0	425	1760	1559	0.0	42.5	1760.0	1516.5	PASS	PASS	PASS	PASS	9.07	67	Yes	Yes		BB
10/17/2019	1	430	1748	1541	0.1	43.0	1747.9	1498.0	PASS	PASS	PASS	PASS	12.36	67	Yes	Yes		BB
10/18/2019	1	448	1686	1459	0.1	44.8	1685.9	1414.2	PASS	PASS	PASS	PASS	12.36	68	Yes	Yes		BB
10/18/2019	0	401	1712	1496	0.0	40.1	1712.0	1455.9	PASS	PASS	PASS	PASS	9.07	65	Yes	Yes		BB
10/21/2019	0	445	1737	1413	0.0	44.5	1737.0	1368.5	PASS	PASS	PASS	QUESTION	9.07	68	Yes	Yes		BB
10/21/2019	0	445	1737	1442	0.0	44.5	1737.0	1397.5	PASS	PASS	PASS	PASS	9.07	68	Yes	Yes		BB
10/21/2019	2	472	1831	1521	0.2	47.2	1830.8	1473.8	PASS	PASS	PASS	PASS	13.73	70	Yes	Yes		BB
10/22/2019	1	471	1691	1510	0.1	47.1	1690.9	1462.9	PASS	PASS	PASS	PASS	12.36	70	Yes	Yes		BB

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CABRERA ALPHA-BETA COUNTING INSTRUMENT (Rev 6)

	Efficiency (fraction)	Source Nuclide	Source Number	Original Source Activity (DPM)	Source Creation Date	$T_{1/2}$ (yr)	Source Decayed Activity	Required MDA (DPM/100cm^2)	Control Chart & Daily Bkg Count Time	Control Chart & Daily Source-Sample Count Time	Control Chart bkg Average α/β cpm	Control Chart bkg 1 sigma, cpm	Control Chart Source-bkg Average α/β cpm	Control Chart source 1 sigma, cpm				
Alpha	0.3309	Th-230	M6-837	5,521	6/16/2015	7.54E+04	5,521	20	10	1	0.19	0.13	1767.9	53.07				
Beta	0.3815	Tc-99	M6-836	5,976	6/16/2015	2.11E+05	5,976	200	10	1	44.30	3.05	1473.3	49.29				

Date	Daily Bkg Counts		Daily Check Source Counts		Daily Bkg Rate (cpm)		Net Daily Source Rate (cpm)		Bkg QC Pass/Fail		Source QC Pass/Fail				α MDA	β MDA	H.P.	Technician
	Alpha	Beta	Alpha	Beta	Alpha	Beta	Alpha	Beta	Alpha	Beta	Alpha	Beta	MDA α (dpm)	MDA β (dpm)	OK?	OK?	Technician	Initials
10/22/2019	0	412	1708	1545	0.0	41.2	1708.0	1503.8	PASS	PASS	PASS	PASS	9.07	66	Yes	Yes		BB
10/24/2019	0	434	1721	1501	0.0	43.4	1721.0	1457.6	PASS	PASS	PASS	PASS	9.07	67	Yes	Yes		BB
10/24/2019	0	433	1669	1541	0.0	43.3	1669.0	1497.7	PASS	PASS	PASS	PASS	9.07	67	Yes	Yes		BB
10/25/2019	0	469	1698	1477	0.0	46.9	1698.0	1430.1	PASS	PASS	PASS	PASS	9.07	70	Yes	Yes		BB
10/25/2019	0	436	1765	1543	0.0	43.6	1765.0	1499.4	PASS	PASS	PASS	PASS	9.07	68	Yes	Yes		BB
10/28/2019	1	417	1698	1506	0.1	41.7	1697.9	1464.3	PASS	PASS	PASS	PASS	12.36	66	Yes	Yes		BB
10/28/2019	0	413	1770	1508	0.0	41.3	1770.0	1466.7	PASS	PASS	PASS	PASS	9.07	66	Yes	Yes		BB
10/30/2019	1	458	1686	1491	0.1	45.8	1685.9	1445.2	PASS	PASS	PASS	PASS	12.36	69	Yes	Yes		BB
10/30/2019	1	456	1708	1601	0.1	45.6	1707.9	1555.4	PASS	PASS	PASS	PASS	12.36	69	Yes	Yes		BB
11/1/2019	2	478	1711	1582	0.2	47.8	1710.8	1534.2	PASS	PASS	PASS	PASS	13.73	70	Yes	Yes		BB
11/1/2019	1	461	1781	1549	0.1	46.1	1780.9	1502.9	PASS	PASS	PASS	PASS	12.36	69	Yes	Yes		BB
11/12/2019	0	408	1728	1460	0.0	40.8	1728.0	1419.2	PASS	PASS	PASS	PASS	9.07	66	Yes	Yes		BB
11/12/2019	1	451	1762	1439	0.1	45.1	1761.9	1393.9	PASS	PASS	PASS	PASS	12.36	69	Yes	Yes		BB
11/19/2019	0	431	1768	1435	0.0	43.1	1768.0	1391.9	PASS	PASS	PASS	PASS	9.07	67	Yes	Yes		DL
11/19/2019	1	422	1710	1470	0.1	42.2	1709.9	1427.8	PASS	PASS	PASS	PASS	12.36	67	Yes	Yes		DA
11/20/2019	2	458	1716	1474	0.2	45.8	1715.8	1428.2	PASS	PASS	PASS	PASS	13.73	69	Yes	Yes		DA
11/20/2019	0	447	1688	1468	0.0	44.7	1688.0	1423.3	PASS	PASS	PASS	PASS	9.07	68	Yes	Yes		DA
11/21/2019	1	472	1701	1483	0.1	47.2	1700.9	1435.8	PASS	PASS	PASS	PASS	12.36	70	Yes	Yes		DA
11/21/2019	1	461	1699	1471	0.1	46.1	1698.9	1424.9	PASS	PASS	PASS	PASS	12.36	69	Yes	Yes		DA

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CABRERA ALPHA-BETA COUNTING INSTRUMENT (Rev 6)

Ludlum
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Initial Background and Source Counts for Control Chart								
	Initial bkg counts				Initial source plus bkg counts			
#	Alpha	cpm	Beta	cpm	Alpha	cpm	Beta	cpm
1	0	0	432	43.2	1646	1646	1593	1593
2	2	0.2	446	44.6	1803	1803	1473	1473
3	3	0.3	455	45.5	1815	1815	1535	1535
4	2	0.2	486	48.6	1742	1742	1505	1505
5	3	0.3	408	40.8	1807	1807	1584	1584
6	2	0.2	410	41	1742	1742	1458	1458
7	1	0.1	470	47	1804	1804	1546	1546
8	4	0.4	414	41.4	1731	1731	1521	1521
9	0	0	487	48.7	1793	1793	1454	1454
10	2	0.2	422	42.2	1798	1798	1507	1507
Mean		0.19		44.3		1768.1		1517.6
$S_{(n-1)}$		0.13		3.05		53.10		48.39
-3 sigma		-0.20		35.14		1608.79		1372.44
+3 sigma		0.58		53.46		1927.41		1662.76
-2 sigma		-0.07		38.20		1661.89		1420.82
+2 sigma		0.45		50.40		1874.31		1614.38
					Mean-bkg	1767.9		1473.3
					$S_{(n-1)}$	53.07		49.29
				Mean-bkg	-3 sigma	1608.70		1325.42
				Mean-bkg	+3 sigma	1927.12		1621.18
				Mean-bkg	-2 sigma	1661.77		1374.71
				Mean-bkg	+2 sigma	1874.05		1571.89

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CABRERA ALPHA-BETA COUNTING INSTRUMENT (Rev 6)

Counting Instrument:	Ludlum 2360	Detector:	43-93	Calibration Date:	2/19/2019
Serial #:	184909	Serial #:	PR199841	12 month calibration:	OK
Detector Active Area or Area Covered by Smear (cm^2):	100				

	Efficiency (fraction)	Source Nuclide	Source Number	Original Source Activity (DPM)	Source Creation Date	$T_{1/2}$ (yr)	Source Decayed Activity	Required MDA ($DPM/100cm^2$)	Control Chart & Daily Bkg Count Time	Control Chart & Daily Source-Sample Count Time	Control Chart bkg Average α/β cpm	Control Chart bkg 1 sigma, cpm	Control Chart Source-bkg Average α/β cpm	Control Chart source 1 sigma, cpm
Alpha	0.1110	Th-230	M6-837	5,521	6/16/2015	7.54E+04	5,521	100	2	2	1.20	0.86	974.2	27.60
Beta	0.0681	Tc-99	M6-836	5,976	6/16/2015	2.11E+05	5,976	1000	2	2	146.55	12.26	711.6	23.10

Date	Daily Bkg Counts		Daily Check Source Counts		Daily Bkg Rate (cpm)		Net Daily Source Rate (cpm)		Bkg QC Pass/Fail		Source QC Pass/Fail				α MDA OK?	β MDA OK?	H.P. Technician	Technician Initials
	Alpha	Beta	Alpha	Beta	Alpha	Beta	Alpha	Beta	Alpha	Beta	Alpha	Beta	MDA α (dpm)	MDA β (dpm)				
8/12/2019	2	287	1949	1711	1.0	143.5	973.5	712.0	PASS	PASS	PASS	PASS	43.15	601	Yes	Yes		BB
8/12/2019	1	293	1922	1772	0.5	146.5	960.5	739.5	PASS	PASS	PASS	PASS	34.47	607	Yes	Yes		BB
8/13/2019	0	303	1913	1786	0.0	151.5	956.5	741.5	PASS	PASS	PASS	PASS	13.51	617	Yes	Yes		BB
8/13/2019	3	297	1995	1717	1.5	148.5	996.0	710.0	PASS	PASS	PASS	PASS	49.81	611	Yes	Yes		BB
8/14/2019	3	331	1973	1740	1.5	165.5	985.0	704.5	PASS	PASS	PASS	PASS	49.81	644	Yes	Yes		BB
8/14/2019	1	299	1955	1732	0.5	149.5	977.0	716.5	PASS	PASS	PASS	PASS	34.47	613	Yes	Yes		BB
8/15/2019	5	322	1907	1789	2.5	161.0	951.0	733.5	PASS	PASS	PASS	PASS	60.38	635	Yes	Yes		BB
8/15/2019	3	278	1895	1754	1.5	139.0	946.0	738.0	PASS	PASS	PASS	PASS	49.81	592	Yes	Yes		BB
8/16/2019	2	298	1922	1789	1.0	149.0	960.0	745.5	PASS	PASS	PASS	PASS	43.15	612	Yes	Yes		BB
8/16/2019	1	311	1890	1823	0.5	155.5	944.5	756.0	PASS	PASS	PASS	PASS	34.47	624	Yes	Yes		BB
8/19/2019	2	283	1871	1691	1.0	141.5	934.5	704.0	PASS	PASS	PASS	PASS	43.15	597	Yes	Yes		BB
8/19/2019	3	266	1854	1690	1.5	133.0	925.5	712.0	PASS	PASS	PASS	PASS	49.81	579	Yes	Yes		BB
8/20/2019	2	252	2003	1691	1.0	126.0	1000.5	719.5	PASS	PASS	PASS	PASS	43.15	564	Yes	Yes		BB
8/20/2019	5	268	1990	1732	2.5	134.0	992.5	732.0	PASS	PASS	PASS	PASS	60.38	581	Yes	Yes		BB
8/21/2019	2	301	1882	1647	1.0	150.5	940.0	673.0	PASS	PASS	PASS	PASS	43.15	615	Yes	Yes		BB
8/21/2019	2	288	1900	1709	1.0	144.0	949.0	710.5	PASS	PASS	PASS	PASS	43.15	602	Yes	Yes		BB
8/22/2019	4	286	1910	1690	2.0	143.0	953.0	702.0	PASS	PASS	PASS	PASS	55.43	600	Yes	Yes		BB
8/22/2019	2	310	1890	1771	1.0	155.0	944.0	730.5	PASS	PASS	PASS	PASS	43.15	623	Yes	Yes		BB
8/26/2019	1	301	1892	1717	0.5	150.5	945.5	708.0	PASS	PASS	PASS	PASS	34.47	615	Yes	Yes		BB
8/26/2019	2	295	1935	1785	1.0	147.5	966.5	745.0	PASS	PASS	PASS	PASS	43.15	609	Yes	Yes		BB
8/27/2019	2	300	1888	1733	1.0	150.0	943.0	716.5	PASS	PASS	PASS	PASS	43.15	614	Yes	Yes		BB
8/27/2019	3	285	1871	1693	1.5	142.5	934.0	704.0	PASS	PASS	PASS	PASS	49.81	599	Yes	Yes		BB
8/28/2019	2	301	1855	1738	1.0	150.5	926.5	718.5	PASS	PASS	PASS	PASS	43.15	615	Yes	Yes		BB
8/28/2019	0	321	1909	1733	0.0	160.5	954.5	706.0	PASS	PASS	PASS	PASS	13.51	634	Yes	Yes		BB
8/29/2019	4	242	1902	1703	2.0	121.0	949.0	730.5	PASS	*QUESTION*	PASS	PASS	55.43	553	Yes	Yes		BB
8/29/2019	4	288	1902	1703	2.0	144.0	949.0	707.5	PASS	PASS	PASS	PASS	55.43	602	Yes	Yes		BB
8/29/2019	2	273	1891	1680	1.0	136.5	944.5	703.5	PASS	PASS	PASS	PASS	43.15	586	Yes	Yes		BB
8/30/2019	2	250	1911	1758	1.0	125.0	954.5	754.0	PASS	PASS	PASS	PASS	43.15	562	Yes	Yes		BB
8/30/2019	1	297	1888	1805	0.5	148.5	943.5	754.0	PASS	PASS	PASS	PASS	34.47	611	Yes	Yes		BB
9/3/2019	4	232	1954	1791	2.0	116.0	975.0	779.5	PASS	*QUESTION*	PASS	*QUESTION*	55.43	542	Yes	Yes		BB
9/3/2019	2	258	1954	1678	1.0	129.0	976.0	710.0	PASS	PASS	PASS	PASS	43.15	571	Yes	Yes		BB
9/3/2019	2	278	1977	1779	1.0	139.0	987.5	750.5	PASS	PASS	PASS	PASS	43.15	592	Yes	Yes		BB
9/4/2019	2	309	1877	1762	1.0	154.5	937.5	726.5	PASS	PASS	PASS	PASS	43.15	623	Yes	Yes		BB
9/4/2019	1	280	1903	1694	0.5	140.0	951.0	707.0	PASS	PASS	PASS	PASS	34.47	594	Yes	Yes		BB
9/9/2019	3	304	1937	1744	1.5	152.0	967.0	720.0	PASS	PASS	PASS	PASS	49.81	618	Yes	Yes		BB
9/9/2019	2	311	2011	1788	1.0	155.5	1004.5	738.5	PASS	PASS	PASS	PASS	43.15	624	Yes	Yes		BB
9/16/2019	2	280	1886	1689	1.0	140.0	942.0	704.5	PASS	PASS	PASS	PASS	43.15	594	Yes	Yes		BB
9/16/2019	2	271	1909	1711	1.0	135.5	953.5	720.0	PASS	PASS	PASS	PASS	43.15	584	Yes	Yes		BB

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184909/PR199841

CABRERA ALPHA-BETA COUNTING INSTRUMENT (Rev 6)

	Efficiency (fraction)	Source Nuclide	Source Number	Original Source Activity (DPM)	Source Creation Date	$T_{1/2}$ (yr)	Source Decayed Activity	Required MDA (DPM/100cm^2)	Control Chart & Daily Bkg Count Time	Control Chart & Daily Source-Sample Count Time	Control Chart bkg Average α/β cpm	Control Chart bkg 1 sigma, cpm	Control Chart Source-bkg Average α/β cpm	Control Chart source 1 sigma, cpm
Alpha	0.1110	Th-230	M6-837	5,521	6/16/2015	7.54E+04	5,521	100	2	2	1.20	0.86	974.2	27.60
Beta	0.0681	Tc-99	M6-836	5,976	6/16/2015	2.11E+05	5,976	1000	2	2	146.55	12.26	711.6	23.10

Date	Daily Bkg Counts		Daily Check Source Counts		Daily Bkg Rate (cpm)		Net Daily Source Rate (cpm)		Bkg QC Pass/Fail		Source QC Pass/Fail		MDA α (dpm)	MDA β (dpm)	α MDA OK?	β MDA OK?	H.P. Technician	Technician Initials
	Alpha	Beta	Alpha	Beta	Alpha	Beta	Alpha	Beta	Alpha	Beta	Alpha	Beta						
9/18/2019	3	245	1932	1727	1.5	122.5	964.5	741.0	PASS	PASS	PASS	PASS	49.81	557	Yes	Yes		BB
9/18/2019	2	292	1958	1792	1.0	146.0	978.0	750.0	PASS	PASS	PASS	PASS	43.15	606	Yes	Yes		BB
9/19/2019	2	298	1927	1771	1.0	149.0	962.5	736.5	PASS	PASS	PASS	PASS	43.15	612	Yes	Yes		BB
9/19/2019	1	283	1921	1784	0.5	141.5	960.0	750.5	PASS	PASS	PASS	PASS	34.47	597	Yes	Yes		BB
9/27/2019	2	310	1942	1804	1.0	155.0	970.0	747.0	PASS	PASS	PASS	PASS	43.15	623	Yes	Yes		BB
9/27/2019	4	299	1971	1759	2.0	149.5	983.5	730.0	PASS	PASS	PASS	PASS	55.43	613	Yes	Yes		BB
10/1/2019	4	302	1875	1743	2.0	151.0	935.5	720.5	PASS	PASS	PASS	PASS	55.43	616	Yes	Yes		BB
10/1/2019	2	281	1972	1730	1.0	140.5	985.0	724.5	PASS	PASS	PASS	PASS	43.15	595	Yes	Yes		BB
10/2/2019	1	257	1891	1765	0.5	128.5	945.0	754.0	PASS	PASS	PASS	PASS	34.47	570	Yes	Yes		BB
10/2/2019	2	279	1872	1785	1.0	139.5	935.0	753.0	PASS	PASS	PASS	PASS	43.15	593	Yes	Yes		BB
10/7/2019	4	285	1920	1674	2.0	142.5	958.0	694.5	PASS	PASS	PASS	PASS	55.43	599	Yes	Yes		BB
10/7/2019	2	301	1862	1781	1.0	150.5	930.0	740.0	PASS	PASS	PASS	PASS	43.15	615	Yes	Yes		BB
10/8/2019	4	288	1893	1753	2.0	144.0	944.5	732.5	PASS	PASS	PASS	PASS	55.43	602	Yes	Yes		BB
10/8/2019	2	271	1880	1720	1.0	135.5	939.0	724.5	PASS	PASS	PASS	PASS	43.15	584	Yes	Yes		BB
10/24/2019	2	280	1971	1710	1.0	140.0	984.5	715.0	PASS	PASS	PASS	PASS	43.15	594	Yes	Yes		BB
10/24/2019	3	258	1860	1748	1.5	129.0	928.5	745.0	PASS	PASS	PASS	PASS	49.81	571	Yes	Yes		BB
10/25/2019	4	248	1914	1674	2.0	124.0	955.0	713.0	PASS	PASS	PASS	PASS	55.43	560	Yes	Yes		BB
10/25/2019	4	317	1872	1740	2.0	158.5	934.0	711.5	PASS	PASS	PASS	PASS	55.43	630	Yes	Yes		BB
10/30/2019	3	284	1867	1703	1.5	142.0	932.0	709.5	PASS	PASS	PASS	PASS	49.81	598	Yes	Yes		BB
10/30/2019	2	301	1923	1720	1.0	150.5	960.5	709.5	PASS	PASS	PASS	PASS	43.15	615	Yes	Yes		BB
11/19/2019	3	287	1865	1758	1.5	143.5	931.0	735.5	PASS	PASS	PASS	PASS	49.81	601	Yes	Yes		DL
11/19/2019	4	293	1910	1695	2.0	146.5	953.0	701.0	PASS	PASS	PASS	PASS	55.43	607	Yes	Yes		DL
11/20/2019	3	313	1911	1711	1.5	156.5	954.0	699.0	PASS	PASS	PASS	PASS	49.81	626	Yes	Yes		DA
11/20/2019	4	291	1861	1652	2.0	145.5	928.5	680.5	PASS	PASS	PASS	PASS	55.43	605	Yes	Yes		DA
11/21/2019	0	329	1892	1832	0.0	164.5	946.0	751.5	PASS	PASS	PASS	PASS	13.51	642	Yes	Yes		DA
11/21/2019	1	315	1881	1809	0.5	157.5	940.0	747.0	PASS	PASS	PASS	PASS	34.47	628	Yes	Yes		DA

HP Technician Signature:

Supervisor Signature:

CABRERA ALPHA-BETA COUNTING INSTRUMENT (Rev 6)

Ludlum
2360/43-93

Initial Background and Source Counts for Control Chart								
	Initial bkg counts				Initial source plus bkg counts			
#	Alpha	cpm	Beta	cpm	Alpha	cpm	Beta	cpm
1	0	0	279	139.5	1953	976.5	1712	856
2	4	2	266	133	1862	931	1667	833.5
3	3	1.5	339	169.5	1985	992.5	1779	889.5
4	2	1	336	168	1902	951	1668	834
5	1	0.5	293	146.5	1980	990	1719	859.5
6	4	2	277	138.5	2036	1018	1721	860.5
7	3	1.5	285	142.5	1937	968.5	1802	901
8	0	0	287	143.5	1985	992.5	1717	858.5
9	5	2.5	281	140.5	1882	941	1690	845
10	2	1	288	144	1985	992.5	1688	844
Mean		1.20		146.6		975.4		858.2
$S_{(n-1)}$		0.86		12.26		27.29		22.10
-3 sigma		-1.37		109.76		893.47		791.86
+3 sigma		3.77		183.34		1057.23		924.44
-2 sigma		-0.51		122.02		920.76		813.95
+2 sigma		2.91		171.08		1029.94		902.35
					Mean-bkg	974.2		711.6
					$S_{(n-1)}$	27.60		23.10
				Mean-bkg	-3 sigma	891.34		642.29
				Mean-bkg	+3 sigma	1056.96		780.91
				Mean-bkg	-2 sigma	918.94		665.40
				Mean-bkg	+2 sigma	1029.36		757.80

HP Technician Signature:

Supervisor Signature:

Appendix E

Counting Instrument:	Ludlum 2360	Detector:	43-37	Calibration Date:	8/15/2019
Serial #:	278586	Serial #:	PR178371	12 month calibration:	OK

Detector Active Area or Area Covered by Smear (cm^2): 584

	Efficiency (fraction)	Source Nuclide	Source Number	Original Source Activity (DPM)	Source Creation Date	$T_{1/2}$ (yr)	Source Decayed Activity	Required MDA ($DPM/100cm^2$)	Control Chart & Daily Bkg Count Time	Control Chart & Daily Source-Sample Count Time	Control Chart bkg Average α/β cpm	Control Chart bkg 1 sigma, cpm	Control Chart Source-bkg Average α/β cpm	Control Chart source 1 sigma, cpm
Alpha	0.2690	Th-230	M6-837	5,521	6/16/2015	7.54E+04	5,521	100	2	2	2.80	1.38	678.9	38.84
Beta	0.1903	Tc-99	M6-836	5,976	6/16/2015	2.11E+05	5,976	1000	2	2	589.30	27.44	1076.6	47.77

Date	Daily Bkg Counts		Daily Check Source Counts		Daily Bkg Rate (cpm)		Net Daily Source Rate (cpm)		Bkg QC Pass/Fail		Source QC Pass/Fail				α MDA OK?	β MDA OK?	H.P. Technician	Technician Initials
	Alpha	Beta	Alpha	Beta	Alpha	Beta	Alpha	Beta	Alpha	Beta	Alpha	Beta	MDA α (dpm)	MDA β (dpm)				
8/16/2019	4	1155	1381	3301	2.0	577.5	688.5	1073.0	PASS	PASS	PASS	PASS	3.93	73	Yes	Yes		BB
8/19/2019	6	1095	1330	3296	3.0	547.5	662.0	1100.5	PASS	PASS	PASS	PASS	4.60	71	Yes	Yes		BB
8/19/2019	5	1162	1369	3263	2.5	581.0	682.0	1050.5	PASS	PASS	PASS	PASS	4.28	73	Yes	Yes		BB
8/20/2019	4	1001	1396	3216	2.0	500.5	696.0	1107.5	PASS	PASS	PASS	PASS	3.93	68	Yes	Yes		BB
8/20/2019	4	1129	1396	3216	2.0	564.5	696.0	1043.5	PASS	PASS	PASS	PASS	3.93	72	Yes	Yes		BB
8/20/2019	8	1092	1406	3319	4.0	546.0	699.0	1113.5	PASS	PASS	PASS	PASS	5.16	71	Yes	Yes		BB
8/21/2019	3	1095	1555	3309	1.5	547.5	776.0	1107.0	PASS	PASS	PASS	PASS	3.53	71	Yes	Yes		BB
8/21/2019	8	1155	1490	3300	4.0	577.5	741.0	1072.5	PASS	PASS	PASS	PASS	5.16	73	Yes	Yes		BB
8/22/2019	3	1085	1357	3294	1.5	542.5	677.0	1104.5	PASS	PASS	PASS	PASS	3.53	71	Yes	Yes		BB
8/22/2019	10	1263	1542	3378	5.0	631.5	766.0	1057.5	PASS	PASS	PASS	PASS	5.66	76	Yes	Yes		BB
8/23/2019	7	1193	1511	3391	3.5	596.5	752.0	1099.0	PASS	PASS	PASS	PASS	4.89	74	Yes	Yes		BB
8/23/2019	12	1263	1539	3379	6.0	631.5	763.5	1058.0	PASS	PASS	PASS	PASS	6.11	76	Yes	Yes		BB
8/23/2019	8	1263	1539	3379	4.0	631.5	765.5	1058.0	PASS	PASS	PASS	PASS	5.16	76	Yes	Yes		BB
8/26/2019	4	1124	1495	3325	2.0	562.0	745.5	1100.5	PASS	PASS	PASS	PASS	3.93	72	Yes	Yes		BB
8/26/2019	8	1167	1388	3384	4.0	583.5	690.0	1108.5	PASS	PASS	PASS	PASS	5.16	73	Yes	Yes		BB
8/27/2019	5	1099	1532	3256	2.5	549.5	763.5	1078.5	PASS	PASS	PASS	PASS	4.28	71	Yes	Yes		BB
8/27/2019	6	1236	1466	3478	3.0	618.0	730.0	1121.0	PASS	PASS	PASS	PASS	4.60	75	Yes	Yes		BB
8/28/2019	7	1090	1462	3302	3.5	545.0	727.5	1106.0	PASS	PASS	PASS	PASS	4.89	71	Yes	Yes		BB
8/28/2019	14	1119	1384	3313	7.0	559.5	685.0	1097.0	PASS	PASS	PASS	PASS	6.52	72	Yes	Yes		BB
8/28/2019	9	1119	1384	3313	4.5	559.5	687.5	1097.0	PASS	PASS	PASS	PASS	5.42	72	Yes	Yes		BB
8/29/2019	4	1076	1524	3281	2.0	538.0	760.0	1102.5	PASS	PASS	PASS	PASS	3.93	70	Yes	Yes		BB
8/29/2019	8	1273	1429	3067	4.0	636.5	710.5	897.0	PASS	PASS	PASS	PASS	5.16	76	Yes	Yes		BB
8/29/2019	8	1273	1429	3365	4.0	636.5	710.5	1046.0	PASS	PASS	PASS	PASS	5.16	76	Yes	Yes		BB
8/30/2019	3	1071	1417	3361	1.5	535.5	707.0	1145.0	PASS	PASS	PASS	PASS	3.53	70	Yes	Yes		BB
8/30/2019	5	1185	1440	3236	2.5	592.5	717.5	1025.5	PASS	PASS	PASS	PASS	4.28	74	Yes	Yes		BB
9/3/2019	5	1116	1505	3211	2.5	558.0	750.0	1047.5	PASS	PASS	PASS	PASS	4.28	72	Yes	Yes		BB
9/3/2019	11	1178	1482	3365	5.5	589.0	735.5	1093.5	PASS	PASS	PASS	PASS	5.89	73	Yes	Yes		BB
9/4/2019	7	1088	1545	3291	3.5	544.0	769.0	1101.5	PASS	PASS	PASS	PASS	4.89	71	Yes	Yes		BB
9/4/2019	13	1281	1395	3291	6.5	640.5	691.0	1005.0	PASS	PASS	PASS	PASS	6.32	77	Yes	Yes		BB
9/4/2019	10	1281	1395	3291	5.0	640.5	692.5	1005.0	PASS	PASS	PASS	PASS	5.66	77	Yes	Yes		BB
9/5/2019	8	1157	1544	3186	4.0	578.5	768.0	1014.5	PASS	PASS	PASS	PASS	5.16	73	Yes	Yes		DA/DL
9/5/2019	9	1281	1533	3320	4.5	640.5	762.0	1019.5	PASS	PASS	PASS	PASS	5.42	77	Yes	Yes		DA/DL
9/6/2019	5	1079	1538	3219	2.5	539.5	766.5	1070.0	PASS	PASS	PASS	PASS	4.28	70	Yes	Yes		DA/DL
9/6/2019	8	1238	1517	3306	4.0	619.0	754.5	1034.0	PASS	PASS	PASS	PASS	5.16	75	Yes	Yes		DA/DL
9/9/2019	7	1068	1484	3150	3.5	534.0	738.5	1041.0	PASS	PASS	PASS	PASS	4.89	70	Yes	Yes		DA/DL
9/9/2019	7	1260	1329	3306	3.5	630.0	661.0	1023.0	PASS	PASS	PASS	PASS	4.89	76	Yes	Yes		DA/DL
9/10/2019	8	1075	1525	3221	4.0	537.5	758.5	1073.0	PASS	PASS	PASS	PASS	5.16	70	Yes	Yes		DA/DL
9/10/2019	12	1259	1516	3392	6.0	629.5	752.0	1066.5	PASS	PASS	PASS	PASS	6.11	76	Yes	Yes		DA/DL
9/11/2019	14	1050	1431	3360	7.0	525.0	708.5	1155.0	PASS	PASS	PASS	PASS	6.52	69	Yes	Yes		DA/DL
9/12/2019	4	1280	1523	3450	2.0	640.0	759.5	1085.0	PASS	PASS	PASS	PASS	3.93	77	Yes	Yes		BB
9/12/2019	6	1335	1483	3402	3.0	667.5	738.5	1033.5	PASS	PASS	PASS	PASS	4.60	78	Yes	Yes		BB
9/12/2019	7	1344	1551	3513	3.5	672.0	772.0	1084.5	PASS	PASS	PASS	PASS	4.89	78	Yes	Yes		BB

HP Technician Signature:

Supervisor Signature:

Ludlum
2360/43-37

Initial Background and Source Counts for Control Chart								
	Initial bkg counts				Initial source plus bkg counts			
#	Alpha	cpm	Beta	cpm	Alpha	cpm	Beta	cpm
1	5.00	2.5	1149.00	574.5	1415	707.5	3393	1696.5
2	10.00	5	1221.00	610.5	1363	681.5	3426	1713
3	4.00	2	1209.00	604.5	1357	678.5	3394	1697
4	2.00	1	1067.00	533.5	1088	544	3287	1643.5
5	9.00	4.5	1221.00	610.5	1422	711	3293	1646.5
6	9.00	4.5	1191.00	595.5	1390	695	3334	1667
7	5.00	2.5	1184.00	592	1417	708.5	3248	1624
8	3.00	1.5	1259.00	629.5	1453	726.5	3292	1646
9	4.00	2	1143.00	571.5	1389	694.5	3424	1712
10	5.00	2.5	1142.00	571	1339	669.5	3226	1613
Mean	5.60	2.80	1178.60	589.3	1363.3	681.7	3331.7	1665.9
$S_{(n-1)}$		1.38		27.44		51.33		36.63
Zero		0.00		400.00	-20%	545.32		1332.68
Control		70.00		15000.00	+20%	817.98		1999.02
Zero		0.00		500.00	-19%	552.14		1349.34
Warning		10.00		700.00	+19%	811.16		1982.36
					Mean-bkg	678.9		1076.6
					$S_{(n-1)}$	38.84		47.77
				Mean-bkg	-20%	543.08		861.24
				Mean-bkg	+20%	814.62		1291.86
				Mean-bkg	-19%	549.87		872.01
				Mean-bkg	+19%	807.83		1281.09

HP Technician Signature:

Supervisor Signature:

Appendix E

Counting Instrument:	Ludlum 2360	Detector:	43-37	Calibration Date:	3/4/2019
Serial #:	215271	Serial #:	PR216985	12 month calibration:	OK

Detector Active Area or Area Covered by Smear (cm^2): 584

	Efficiency (fraction)	Source Nuclide	Source Number	Original Source Activity (DPM)	Source Creation Date	$T_{1/2}$ (yr)	Source Decayed Activity	Required MDA ($DPM/100cm^2$)	Control Chart & Daily Bkg Count Time	Control Chart & Daily Source-Sample Count Time	Control Chart bkg Average α/β cpm	Control Chart bkg 1 sigma, cpm	Control Chart Source-bkg Average α/β cpm	Control Chart source 1 sigma, cpm
Alpha	0.0740	Th-230	M6-837	5,521	6/16/2015	7.54E+04	5,521	100	2	2	2.60	0.91	824.3	20.79
Beta	0.1918	Tc-99	M6-836	5,976	6/16/2015	2.11E+05	5,976	1000	2	2	502.35	25.80	1044.5	53.19

Date	Daily Bkg Counts		Daily Check Source Counts		Daily Bkg Rate (cpm)		Net Daily Source Rate (cpm)		Bkg QC Pass/Fail		Source QC Pass/Fail				α MDA OK?	β MDA OK?	H.P. Technician	Technician Initials
	Alpha	Beta	Alpha	Beta	Alpha	Beta	Alpha	Beta	Alpha	Beta	Alpha	Beta	MDA α (dpm)	MDA β (dpm)				
8/13/2019	5	1006	1643	3087	2.5	503.0	819.0	1040.5	PASS	PASS	PASS	PASS	15.56	67	Yes	Yes		BB
8/13/2019	3	930	1688	3186	1.5	465.0	842.5	1128.0	PASS	PASS	PASS	PASS	12.84	65	Yes	Yes		BB
8/14/2019	4	917	1655	2945	2.0	458.5	825.5	1014.0	PASS	PASS	PASS	PASS	14.29	64	Yes	Yes		DL
8/14/2019	3	932	1702	3011	1.5	466.0	849.5	1039.5	PASS	PASS	PASS	PASS	12.84	65	Yes	Yes		DL
8/15/2019	5	941	1579	2992	2.5	470.5	787.0	1025.5	PASS	PASS	PASS	PASS	15.56	65	Yes	Yes		BB
8/15/2019	4	939	1679	2985	2.0	469.5	837.5	1023.0	PASS	PASS	PASS	PASS	14.29	65	Yes	Yes		BB
8/16/2019	7	940	1502	3117	3.5	470.0	747.5	1088.5	PASS	PASS	PASS	PASS	17.77	65	Yes	Yes		BB
8/16/2019	7	940	1622	3117	3.5	470.0	807.5	1088.5	PASS	PASS	PASS	PASS	17.77	65	Yes	Yes		BB
8/16/2019	7	940	1679	3211	3.5	470.0	836.0	1135.5	PASS	PASS	PASS	PASS	17.77	65	Yes	Yes		BB
8/19/2019	4	911	1611	3054	2.0	455.5	803.5	1071.5	PASS	PASS	PASS	PASS	14.29	64	Yes	Yes		BB
8/19/2019	5	930	1604	3124	2.5	465.0	799.5	1097.0	PASS	PASS	PASS	PASS	15.56	65	Yes	Yes		BB
8/20/2019	3	961	1596	3009	1.5	480.5	796.5	1024.0	PASS	PASS	PASS	PASS	12.84	66	Yes	Yes		BB
8/20/2019	6	970	1597	3069	3.0	485.0	795.5	1049.5	PASS	PASS	PASS	PASS	16.71	66	Yes	Yes		BB
8/21/2019	7	945	1658	2981	3.5	472.5	825.5	1018.0	PASS	PASS	PASS	PASS	17.77	65	Yes	Yes		BB
8/21/2019	7	1038	1621	3156	3.5	519.0	807.0	1059.0	PASS	PASS	PASS	PASS	17.77	68	Yes	Yes		BB
8/22/2019	4	945	1706	2999	2.0	472.5	851.0	1027.0	PASS	PASS	PASS	PASS	14.29	65	Yes	Yes		BB
8/22/2019	7	956	1587	3194	3.5	478.0	790.0	1119.0	PASS	PASS	PASS	PASS	17.77	66	Yes	Yes		BB
8/23/2019	4	957	1631	3046	2.0	478.5	813.5	1044.5	PASS	PASS	PASS	PASS	14.29	66	Yes	Yes		BB
8/23/2019	6	1095	1582	3197	3.0	547.5	788.0	1051.0	PASS	PASS	PASS	PASS	16.71	70	Yes	Yes		BB
8/26/2019	7	939	1596	3040	3.5	469.5	794.5	1050.5	PASS	PASS	PASS	PASS	17.77	65	Yes	Yes		BB
8/26/2019	6	1204	1581	3162	3.0	602.0	787.5	979.0	PASS	PASS	PASS	PASS	16.71	74	Yes	Yes		BB
8/26/2019	6	1081	1581	3162	3.0	540.5	787.5	1040.5	PASS	PASS	PASS	PASS	16.71	70	Yes	Yes		BB
8/27/2019	8	956	1586	3023	4.0	478.0	789.0	1033.5	PASS	PASS	PASS	PASS	18.76	66	Yes	Yes		BB
8/27/2019	6	1092	1624	3158	3.0	546.0	809.0	1033.0	PASS	PASS	PASS	PASS	16.71	70	Yes	Yes		BB
8/28/2019	8	906	1634	2981	4.0	453.0	813.0	1037.5	PASS	PASS	PASS	PASS	18.76	64	Yes	Yes		BB
8/28/2019	17	1023	1633	3182	8.5	511.5	808.0	1079.5	PASS	PASS	PASS	PASS	25.75	68	Yes	Yes		BB
8/29/2019	5	963	1579	3057	2.5	481.5	787.0	1047.0	PASS	PASS	PASS	PASS	15.56	66	Yes	Yes		BB
8/29/2019	6	1013	1598	3301	3.0	506.5	796.0	1144.0	PASS	PASS	PASS	PASS	16.71	68	Yes	Yes		BB
8/30/2019	3	912	1579	2976	1.5	456.0	788.0	1032.0	PASS	PASS	PASS	PASS	12.84	64	Yes	Yes		BB
8/30/2019	3	1071	1610	3171	1.5	535.5	803.5	1050.0	PASS	PASS	PASS	PASS	12.84	70	Yes	Yes		BB
9/3/2019	7	931	1627	2989	3.5	465.5	810.0	1029.0	PASS	PASS	PASS	PASS	17.77	65	Yes	Yes		BB
9/3/2019	8	1098	1658	3197	4.0	549.0	825.0	1049.5	PASS	PASS	PASS	PASS	18.76	70	Yes	Yes		BB
9/4/2019	3	934	1650	3082	1.5	467.0	823.5	1074.0	PASS	PASS	PASS	PASS	12.84	65	Yes	Yes		BB
9/4/2019	21	1139	1576	3146	10.5	569.5	777.5	1003.5	QUESTION	PASS	PASS	PASS	28.24	72	Yes	Yes		BB
9/4/2019	8	1055	1576	3146	4.0	527.5	784.0	1045.5	PASS	PASS	PASS	PASS	18.76	69	Yes	Yes		BB
9/5/2019	4	936	1527	3004	2.0	468.0	761.5	1034.0	PASS	PASS	PASS	PASS	14.29	65	Yes	Yes		DA/DL
9/5/2019	7	998	1362	3039	3.5	499.0	677.5	1020.5	PASS	PASS	PASS	PASS	17.77	67	Yes	Yes		DA/DL
9/6/2019	5	915	1532	3205	2.5	457.5	763.5	1145.0	PASS	PASS	PASS	PASS	15.56	64	Yes	Yes		DA/DL
9/6/2019	9	1097	1684	3142	4.5	548.5	837.5	1022.5	PASS	PASS	PASS	PASS	19.69	70	Yes	Yes		DA/DL
9/9/2019	5	1055	1670	3022	2.5	527.5	832.5	983.5	PASS	PASS	PASS	PASS	15.56	69	Yes	Yes		DA/DL
9/9/2019	11	1077	1653	3177	5.5	538.5	821.0	1050.0	PASS	PASS	PASS	PASS	21.40	70	Yes	Yes		DA/DL
9/10/2019	2	946	1457	2989	1.0	473.0	727.5	1021.5	PASS	PASS	PASS	PASS	11.12	65	Yes	Yes		DA/DL
9/10/2019	16	996	1529	3070	8.0	498.0	756.5	1037.0	PASS	PASS	PASS	PASS	25.09	67	Yes	Yes		DA/DL
9/11/2019	3	1029	1549	3009	1.5	514.5	773.0	990.0	PASS	PASS	PASS	PASS	12.84	68	Yes	Yes		DA/DL
9/11/2019	19	1063	1601	3218	9.5	531.5	791.0	1077.5	PASS	PASS	PASS	PASS	27.03	69	Yes	Yes		DA/DL
9/12/2019	5	1002	1415	3066	2.5	501.0	705.0	1032.0	PASS	PASS	PASS	PASS	15.56	67	Yes	Yes		DA/DL
9/12/2019	7	1287	1703	3103	3.5	643.5	848.0	908.0	PASS	PASS	PASS	PASS	17.77	76	Yes	Yes		DA/DL

HP Technician Signature:

Supervisor Signature:

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9/18/2019	11	1035	1465	3053	5.5	517.5	727.0	1009.0	PASS	PASS	PASS	PASS	21.40	68	Yes	Yes		DA/DL
9/19/2019	3	983	1457	2877	1.5	491.5	727.0	947.0	PASS	PASS	PASS	PASS	12.84	67	Yes	Yes		DA/DL
9/19/2019	17	892	1575	2879	8.5	446.0	779.0	993.5	PASS	PASS	PASS	PASS	25.75	64	Yes	Yes		DA/DL
9/20/2019	3	928	1749	2889	1.5	464.0	873.0	980.5	PASS	PASS	PASS	PASS	12.84	65	Yes	Yes		DA/DL
9/20/2019	15	1119	1420	3035	7.5	559.5	702.5	958.0	PASS	PASS	PASS	PASS	24.40	71	Yes	Yes		DA/DL
9/23/2019	8	971	1392	2990	4.0	485.5	692.0	1009.5	PASS	PASS	PASS	PASS	18.76	66	Yes	Yes		SH
9/23/2019	17	1131	1598	3196	8.5	565.5	790.5	1032.5	PASS	PASS	PASS	PASS	25.75	71	Yes	Yes		SH
9/24/2019	7	1110	1440	2903	3.5	555.0	716.5	896.5	PASS	PASS	PASS	PASS	17.77	71	Yes	Yes		SH
9/24/2019	31	1177	1436	3195	15.5	588.5	702.5	1009.0	QUESTION	PASS	PASS	PASS	33.56	73	Yes	Yes		SH
9/25/2019	8	982	1582	3136	4.0	491.0	787.0	1077.0	PASS	PASS	PASS	PASS	18.76	67	Yes	Yes		SH
9/25/2019	20	1266	1808	3315	10.0	633.0	894.0	1024.5	PASS	PASS	PASS	PASS	27.64	76	Yes	Yes		SH
9/26/2019	11	1114	1414	3064	5.5	557.0	701.5	975.0	PASS	PASS	PASS	PASS	21.40	71	Yes	Yes		DA/DL
9/26/2019	13	1136	1456	3111	6.5	568.0	721.5	987.5	PASS	PASS	PASS	PASS	22.96	72	Yes	Yes		DA/DL
9/27/2019	7	1243	1569	2950	3.5	621.5	781.0	853.5	PASS	PASS	PASS	PASS	17.77	75	Yes	Yes		DA/DL
9/27/2019	20	1013	1376	3045	10.0	506.5	678.0	1016.0	PASS	PASS	PASS	PASS	27.64	68	Yes	Yes		DA/DL
9/30/2019	5	867	1530	2894	2.5	433.5	762.5	1013.5	PASS	PASS	PASS	PASS	15.56	63	Yes	Yes		DA/DL
9/30/2019	20	1031	1480	3015	10.0	515.5	730.0	992.0	PASS	PASS	PASS	PASS	27.64	68	Yes	Yes		DA/DL
10/1/2019	7	874	1430	2769	3.5	437.0	711.5	947.5	PASS	PASS	PASS	PASS	17.77	63	Yes	Yes		DA/DL
10/1/2019	6	862	1463	2879	3.0	431.0	728.5	1008.5	PASS	PASS	PASS	PASS	16.71	63	Yes	Yes		DA/DL
10/2/2019	5	862	1472	2779	2.5	431.0	733.5	958.5	PASS	PASS	PASS	PASS	15.56	63	Yes	Yes		DA/DL
10/2/2019	16	1049	1439	2960	8.0	524.5	711.5	955.5	PASS	PASS	PASS	PASS	25.09	69	Yes	Yes		DA/DL
10/3/2019	4	852	1451	2894	2.0	426.0	723.5	1021.0	PASS	PASS	PASS	PASS	14.29	62	Yes	Yes		DA/DL
10/3/2019	17	913	1448	2716	8.5	456.5	715.5	901.5	PASS	PASS	PASS	PASS	25.75	64	Yes	Yes		DA/DL
10/4/2019	10	848	1418	2757	5.0	424.0	704.0	954.5	PASS	PASS	PASS	PASS	20.56	62	Yes	Yes		DA/DL
10/4/2019	20	1009	1478	2821	10.0	504.5	729.0	906.0	PASS	PASS	PASS	PASS	27.64	68	Yes	Yes		DA/DL
10/7/2019	5	815	1380	2951	2.5	407.5	687.5	1068.0	PASS	PASS	PASS	PASS	15.56	61	Yes	Yes		DA/DL
10/7/2019	20	1011	1440	2858	10.0	505.5	710.0	923.5	PASS	PASS	PASS	PASS	27.64	68	Yes	Yes		DA/DL
10/8/2019	2	864	1368	2865	1.0	432.0	683.0	1000.5	PASS	PASS	PASS	PASS	11.12	63	Yes	Yes		DA/DL
10/8/2019	9	908	1506	2724	4.5	454.0	748.5	908.0	PASS	PASS	PASS	PASS	19.69	64	Yes	Yes		DA/DL
10/9/2019	5	931	1373	2708	2.5	465.5	684.0	888.5	PASS	PASS	PASS	PASS	15.56	65	Yes	Yes		DA/DL
10/9/2019	8	946	1431	2860	4.0	473.0	711.5	957.0	PASS	PASS	PASS	PASS	18.76	65	Yes	Yes		DA/DL
10/10/2019	4	975	1622	2917	2.0	487.5	809.0	971.0	PASS	PASS	PASS	PASS	14.29	66	Yes	Yes		DA/DL
10/10/2019	18	1063	1506	3197	9.0	531.5	744.0	1067.0	PASS	PASS	PASS	PASS	26.40	69	Yes	Yes		DA/DL
10/11/2019	5	973	1357	2783	2.5	486.5	676.0	905.0	PASS	PASS	PASS	PASS	15.56	66	Yes	Yes		DA/DL
10/11/2019	10	1101	1451	2884	5.0	550.5	720.5	891.5	PASS	PASS	PASS	PASS	20.56	71	Yes	Yes		BB
10/15/2019	6	837	1332	2868	3.0	418.5	663.0	1015.5	PASS	PASS	QUESTION	PASS	16.71	62	Yes	Yes		DA/DL
10/15/2019	6	837	1395	2868	3.0	418.5	694.5	1015.5	PASS	PASS	PASS	PASS	16.71	62	Yes	Yes		DA/DL
10/15/2019	6	969	1440	3068	3.0	484.5	717.0	1049.5	PASS	PASS	PASS	PASS	16.71	66	Yes	Yes		DA/DL
10/16/2019	6	927	1388	2770	3.0	463.5	691.0	921.5	PASS	PASS	PASS	PASS	16.71	65	Yes	Yes		DA/DL
10/16/2019	12	878	1450	2842	6.0	439.0	719.0	982.0	PASS	PASS	PASS	PASS	22.19	63	Yes	Yes		DA/DL
10/18/2019	10	885	1457	2899	5.0	442.5	723.5	1007.0	PASS	PASS	PASS	PASS	20.56	63	Yes	Yes		DA/DL
10/18/2019	13	915	1390	2884	6.5	457.5	688.5	984.5	PASS	PASS	PASS	PASS	22.96	64	Yes	Yes		DA/DL
10/21/2019	5	821	1400	2923	2.5	410.5	697.5	1051.0	PASS	PASS	PASS	PASS	15.56	61	Yes	Yes		DA/DL
10/21/2019	3	998	1488	2977	1.5	499.0	742.5	989.5	PASS	PASS	PASS	PASS	12.84	67	Yes	Yes		DA/DL
10/22/2019	3	855	1392	2926	1.5	427.5	694.5	1035.5	PASS	PASS	PASS	PASS	12.84	62	Yes	Yes		DA/DL
10/22/2019	11	1118	1421	2999	5.5	559.0	705.0	940.5	PASS	PASS	PASS	PASS	21.40	71	Yes	Yes		DA/DL
10/23/2019	3	952	1357	2874	1.5	476.0	677.0	961.0	PASS	PASS	PASS	PASS	12.84	66	Yes	Yes		DA/DL
10/23/2019	9	1091	1390	3022	4.5	545.5	690.5	965.5	PASS	PASS	PASS	PASS	19.69	70	Yes	Yes		DA/DL
10/24/2019	5	961	1401	2821	2.5	480.5	698.0	930.0	PASS	PASS	PASS	PASS	15.56	66	Yes	Yes		DA/DL
10/24/2019	7	1010	1545	3041	3.5	505.0	769.0	1015.5	PASS	PASS	PASS	PASS	17.77	68	Yes	Yes		DA/DL
10/25/2019	5	897	1383	2786	2.5	448.5	689.0	944.5	PASS	PASS	PASS	PASS	15.56	64	Yes	Yes		DA/DL
10/25/2019	8	932	1453	2992	4.0	466.0	722.5	1030.0	PASS	PASS	PASS	PASS	18.76	65	Yes	Yes		DA/DL
10/29/2019	9	841	1363	2838	4.5	420.5	677.0	998.5	PASS	PASS	PASS	PASS	19.69	62	Yes	Yes		DA/DL
10/29/2019	8	886	1519	2821	4.0	443.0	755.5	967.5	PASS	PASS	PASS	PASS	18.76	63	Yes	Yes		DA/DL
10/30/2019	5	843	1399	2617	2.5	421.5	697.0	887.0	PASS	PASS	PASS	PASS	15.56	62	Yes	Yes		DA/DL
10/30/2019	15	1017	1648	3000	7.5	508.5	816.5	991.5	PASS	PASS	PASS	PASS	24.40	68	Yes	Yes		DA/DL
10/31/2019	8	801	1477	2887	4.0	400.5	734.5	1043.0	PASS	PASS	PASS	PASS	18.76	60	Yes	Yes		DA/DL
10/31/2019	12	950	1422	2679	6.0	475.0	705.0	864.5	PASS	PASS	PASS	PASS	22.19	66	Yes	Yes		DA/DL
11/1/2019	10	812	1330	2650	5.0	406.0	660.0	919.0	PASS	PASS	QUESTION	PASS	20.56	61	Yes	Yes		DA/DL
11/1/2019	10	812	1444	2650	5.0	406.0	717.0	919.0	PASS	PASS	PASS	PASS	20.56	61	Yes	Yes		DA/DL
11/1/2019	20	1037	1390	2979	10.0	518.5	685.0	971.0	PASS	PASS	PASS	PASS	27.64	68	Yes	Yes		JF
11/4/2019	5	902	1383	2673	2.5	451.0	689.0	885.5	PASS	PASS	PASS	PASS	15.56	64	Yes	Yes		DA/PK
11/4/2019	17	935	1394	2954	8.5	467.5	688.5	1009.5	PASS	PASS	PASS	PASS	25.75	65	Yes	Yes		DA/PK
11/5/2019	7	830	1386	2656	3.5	415.0	689.5	913.0	PASS	PASS	PASS	PASS	17.77	61	Yes	Yes		DA/PK
11/5/2019	20	834	1359	2610	10.0	417.0	669.5	888.0	PASS	PASS	PASS	PASS	27.64	62	Yes	Yes		DA/PK
11/6/2019	2	883	1341	2760	1.0	441.5	669.5	938.5	PASS	PASS	PASS	PASS	11.12	63	Yes	Yes		DA/PK
11/6/2019	15	800	1443	2757	7.5	400.0	714.0	978.5	PASS	PASS	PASS	PASS	24.40	60	Yes	Yes		DA/PK
11/7/2019	3	848	1536	2710	1.5	424.0	766.5	931.0	PASS	PASS	PASS	PASS	12.84	62	Yes	Yes		DA/PK
11/7/2019	19	827	1674	2902	9.5	413.5	827.5	1037.5	PASS	PASS	PASS	PASS	27.03	61	Yes	Yes		DA/PK

HP Technician Signature:

Supervisor Signature:

Ludlum
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Initial Background and Source Counts for Control Chart								
	Initial bkg counts				Initial source plus bkg counts			
#	Alpha	cpm	Beta	cpm	Alpha	cpm	Beta	cpm
1	6.00	3	959.00	479.5	1683	841.5	3059	1529.5
2	7.00	3.5	961.00	480.5	1646	823	3150	1575
3	6.00	3	1049.00	524.5	1632	816	3089	1544.5
4	6.00	3	1070.00	535	1668	834	3004	1502
5	3.00	1.5	999.00	499.5	1640	820	3089	1544.5
6	6.00	3	905.00	452.5	1693	846.5	3219	1609.5
7	3.00	1.5	1044.00	522	1664	832	3139	1569.5
8	8.00	4	993.00	496.5	1563	781.5	3037	1518.5
9	3.00	1.5	1019.00	509.5	1639	819.5	3125	1562.5
10	4.00	2	1048.00	524	1710	855	3026	1513
Mean	5.20	2.60	1004.7	502.4		826.9		1546.9
$S_{(n-1)}$		0.91		25.80		20.44		32.91
Zero		0.00		350.00	-20%	661.52		1237.48
99% CV		70.00		15000.00	+20%	992.28		1856.22
Zero		0.00		400.00	-19%	669.79		1252.95
95% CV		10.00		700.00	+19%	984.01		1840.75
					Mean-bkg	824.3		1044.5
					$S_{(n-1)}$	20.79		53.19
				Mean-bkg	-20%	659.44		835.60
				Mean-bkg	+20%	989.16		1253.40
				Mean-bkg	-19%	667.68		846.05
				Mean-bkg	+19%	980.92		1242.96

HP Technician Signature:

Supervisor Signature:

Appendix E

Counting Instrument:	Ludlum 2360	Detector:	43-37	Calibration Date:	9/3/2019
Serial #:	220263	Serial #:	PR216985	12 month calibration:	OK

Detector Active Area or Area Covered by Smear (cm^2): 584

	Efficiency (fraction)	Source Nuclide	Source Number	Original Source Activity (DPM)	Source Creation Date	$T_{1/2}$ (yr)	Source Decayed Activity	Required MDA ($DPM/100cm^2$)	Control Chart & Daily Bkg Count Time	Control Chart & Daily Source-Sample Count Time	Control Chart bkg Average α/β cpm	Control Chart bkg 1 sigma, cpm	Control Chart Source-bkg Average α/β cpm	Control Chart source 1 sigma, cpm
Alpha	0.0770	Th-230	M6-837	5,521	6/16/2015	7.54E+04	5,521	100	2	2	5.15	1.38	855.1	34.66
Beta	0.2064	Tc-99	M6-836	5,976	6/16/2015	2.11E+05	5,976	1000	2	2	797.80	26.36	916.4	41.19

Date	Daily Bkg Counts		Daily Check Source Counts		Daily Bkg Rate (cpm)		Net Daily Source Rate (cpm)		Bkg QC Pass/Fail		Source QC Pass/Fail				α MDA	β MDA	H.P.	Technician
	Alpha	Beta	Alpha	Beta	Alpha	Beta	Alpha	Beta	Alpha	Beta	Alpha	Beta	MDA α (dpm)	MDA β (dpm)	OK?	OK?	Technician	Initials
9/5/2019	9	1624	1716	3478	4.5	812.0	853.5	927.0	PASS	PASS	PASS	PASS	18.93	79	Yes	Yes		BB
9/5/2019	12	1594	1735	3303	6.0	797.0	861.5	854.5	PASS	PASS	PASS	PASS	21.34	79	Yes	Yes		BB
9/6/2019	7	1604	1752	3445	3.5	802.0	872.5	920.5	PASS	PASS	PASS	PASS	17.09	79	Yes	Yes		DA/DL
9/6/2019	13	1641	1701	3342	6.5	820.5	844.0	850.5	PASS	PASS	PASS	PASS	22.08	80	Yes	Yes		DA/DL
9/9/2019	7	1549	1694	3362	3.5	774.5	843.5	906.5	PASS	PASS	PASS	PASS	17.09	77	Yes	Yes		DA/DL
9/9/2019	25	1602	1755	3413	12.5	801.0	865.0	905.5	QUESTION	PASS	PASS	PASS	29.32	79	Yes	Yes		DA/DL
9/9/2019	16	1602	1755	3413	8.0	801.0	869.5	905.5	PASS	PASS	PASS	PASS	24.12	79	Yes	Yes		DA/DL
9/10/2019	7	1582	1649	3470	3.5	791.0	821.0	944.0	PASS	PASS	PASS	PASS	17.09	78	Yes	Yes		DA/DL
9/10/2019	20	1630	1748	3316	10.0	815.0	864.0	843.0	PASS	PASS	PASS	PASS	26.58	79	Yes	Yes		DA/DL
9/11/2019	13	1544	1716	3466	6.5	772.0	851.5	961.0	PASS	PASS	PASS	PASS	22.08	77	Yes	Yes		DA/DL
9/11/2019	19	1664	1814	3450	9.5	832.0	897.5	893.0	PASS	PASS	PASS	PASS	25.99	80	Yes	Yes		DA/DL
9/12/2019	12	1771	1729	3392	6.0	885.5	858.5	810.5	PASS	PASS	PASS	PASS	21.34	83	Yes	Yes		DA/DL
9/12/2019	18	1662	1817	3262	9.0	831.0	899.5	800.0	PASS	PASS	PASS	PASS	25.38	80	Yes	Yes		DA/DL
9/13/2019	16	1616	1688	3349	8.0	808.0	836.0	866.5	PASS	PASS	PASS	PASS	24.12	79	Yes	Yes		DA/DL
9/13/2019	20	1635	1725	3201	10.0	817.5	852.5	783.0	PASS	PASS	PASS	PASS	26.58	80	Yes	Yes		DA/DL
9/16/2019	13	1570	1688	3382	6.5	785.0	837.5	906.0	PASS	PASS	PASS	PASS	22.08	78	Yes	Yes		DA/DL
9/16/2019	16	1526	1789	3350	8.0	763.0	886.5	912.0	PASS	PASS	PASS	PASS	24.12	77	Yes	Yes		DA/DL
9/17/2019	16	1601	1682	3414	8.0	800.5	833.0	906.5	PASS	PASS	PASS	PASS	24.12	79	Yes	Yes		DA/DL
9/17/2019	19	1671	1720	3332	9.5	835.5	850.5	830.5	PASS	PASS	PASS	PASS	25.99	80	Yes	Yes		DA/DL
9/18/2019	10	1583	1562	3442	5.0	791.5	776.0	929.5	PASS	PASS	PASS	PASS	19.77	78	Yes	Yes		DA/DL
9/18/2019	19	1624	1770	3215	9.5	812.0	875.5	795.5	PASS	PASS	PASS	PASS	25.99	79	Yes	Yes		DA/DL
9/19/2019	15	1573	1709	3478	7.5	786.5	847.0	952.5	PASS	PASS	PASS	PASS	23.46	78	Yes	Yes		DA/DL
9/19/2019	15	1635	1759	3299	7.5	817.5	872.0	832.0	PASS	PASS	PASS	PASS	23.46	80	Yes	Yes		DA/DL
9/20/2019	13	1770	1734	3460	6.5	885.0	860.5	845.0	PASS	PASS	PASS	PASS	22.08	83	Yes	Yes		DA/DL
9/20/2019	19	1564	1666	3388	9.5	782.0	823.5	912.0	PASS	PASS	PASS	PASS	25.99	78	Yes	Yes		DA/DL
9/23/2019	8	1552	1526	3491	4.0	776.0	759.0	969.5	PASS	PASS	PASS	PASS	18.04	78	Yes	Yes		SH
9/23/2019	20	1700	1714	3303	10.0	850.0	847.0	801.5	PASS	PASS	PASS	PASS	26.58	81	Yes	Yes		SH
9/24/2019	9	1546	1760	3388	4.5	773.0	875.5	921.0	PASS	PASS	PASS	PASS	18.93	77	Yes	Yes		SH
9/24/2019	19	1616	1583	3235	9.5	808.0	782.0	809.5	PASS	PASS	PASS	PASS	25.99	79	Yes	Yes		SH
9/25/2019	20	1575	1587	3222	10.0	787.5	783.5	823.5	PASS	PASS	PASS	PASS	26.58	78	Yes	Yes		SH
9/25/2019	20	1588	1770	3073	10.0	794.0	875.0	742.5	PASS	PASS	PASS	PASS	26.58	78	Yes	Yes		SH
9/26/2019	13	1715	1516	3262	6.5	857.5	751.5	773.5	PASS	PASS	PASS	PASS	22.08	81	Yes	Yes		DA/DL
9/26/2019	26	1610	1746	3301	13.0	805.0	860.0	845.5	QUESTION	PASS	PASS	PASS	29.83	79	Yes	Yes		DA/DL
9/26/2019	20	1610	1746	3301	10.0	805.0	863.0	845.5	PASS	PASS	PASS	PASS	26.58	79	Yes	Yes		DA/DL
9/27/2019	9	1601	1680	3345	4.5	800.5	835.5	872.0	PASS	PASS	PASS	PASS	18.93	79	Yes	Yes		DA/DL
9/27/2019	19	1579	1604	3434	9.5	789.5	792.5	927.5	PASS	PASS	PASS	PASS	25.99	78	Yes	Yes		DA/DL
9/30/2019	7	1638	1494	3440	3.5	819.0	743.5	901.0	PASS	PASS	PASS	PASS	17.09	80	Yes	Yes		DA/DL
9/30/2019	17	1616	1489	3365	8.5	808.0	736.0	874.5	PASS	PASS	PASS	PASS	24.76	79	Yes	Yes		DA/DL
10/1/2019	11	1544	1519	3540	5.5	772.0	754.0	998.0	PASS	PASS	PASS	PASS	20.57	77	Yes	Yes		DA/DL
10/1/2019	8	1739	1505	3452	4.0	869.5	748.5	856.5	PASS	PASS	PASS	PASS	18.04	82	Yes	Yes		DA/DL
10/2/2019	7	1645	1690	3345	3.5	822.5	841.5	850.0	PASS	PASS	PASS	PASS	17.09	80	Yes	Yes		DA/DL
10/2/2019	10	1707	1835	3422	5.0	853.5	912.5	857.5	PASS	PASS	PASS	PASS	19.77	81	Yes	Yes		DA/DL
10/3/2019	4	1384	1752	3464	2.0	692.0	874.0	1040.0	PASS	PASS	PASS	PASS	13.74	73	Yes	Yes		DA/DL
10/3/2019	13	1491	1760	3354	6.5	745.5	873.5	931.5	PASS	PASS	PASS	PASS	22.08	76	Yes	Yes		DA/DL
10/4/2019	12	1695	1483	3461	6.0	847.5	735.5	883.0	PASS	PASS	PASS	PASS	21.34	81	Yes	Yes		DA/DL
10/4/2019	23	1715	1438	3251	11.5	857.5	707.5	768.0	QUESTION	PASS	PASS	PASS	28.26	81	Yes	Yes		DA/DL
10/4/2019	18	1715	1438	3251	9.0	857.5	710.0	768.0	PASS	PASS	PASS	PASS	25.38	81	Yes	Yes		DA/DL
10/7/2019	14	1645	1480	3428	7.0	822.5	733.0	891.5	PASS	PASS	PASS	PASS	22.78	80	Yes	Yes		DA/DL
10/7/2019	18	1685	1544	3285	9.0	842.5	763.0	800.0	PASS	PASS	PASS	PASS	25.38	81	Yes	Yes		DA/DL
10/8/2019	7	1737	1500	3283	3.5	868.5	746.5	773.0	PASS	PASS	PASS	PASS	17.09	82	Yes	Yes		DA/DL
10/8/2019	14	1636	1692	3417	7.0	818.0	839.0	890.5	PASS	PASS	PASS	PASS	22.78	80	Yes	Yes		DA/DL
10/9/2019	10	1555	1530	3451	5.0	777.5	760.0	948.0	PASS	PASS	PASS	PASS	19.77	78	Yes	Yes		DA/DL
10/9/2019	12	1604	1532	3336	6.0	802.0	760.0	866.0	PASS	PASS	PASS	PASS	21.34	79	Yes	Yes		DA/DL
10/10/2019	11	1594	1611	3355	5.5	797.0	800.0	880.5	PASS	PASS	PASS	PASS	20.57	79	Yes	Yes		DA/DL

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10/11/2019	11	1504	2004	3258	5.5	752.0	996.5	877.0	PASS	PASS	PASS	PASS	20.57	76	Yes	Yes		DA/DL
10/11/2019	20	1597	1467	3247	10.0	798.5	723.5	825.0	PASS	PASS	PASS	PASS	26.58	79	Yes	Yes		DA/DL
10/15/2019	7	1535	1472	3448	3.5	767.5	732.5	956.5	PASS	PASS	PASS	PASS	17.09	77	Yes	Yes		DA/DL
10/15/2019	13	1538	1813	3380	6.5	769.0	900.0	921.0	PASS	PASS	PASS	PASS	22.08	77	Yes	Yes		DA/DL
10/16/2019	8	1492	1630	3380	4.0	746.0	811.0	944.0	PASS	PASS	PASS	PASS	18.04	76	Yes	Yes		DA/DL
10/16/2019	14	1610	1707	3447	7.0	805.0	846.5	918.5	PASS	PASS	PASS	PASS	22.78	79	Yes	Yes		DA/DL
10/17/2019	8	1588	1640	3539	4.0	794.0	816.0	975.5	PASS	PASS	PASS	PASS	18.04	78	Yes	Yes		DA/DL
10/17/2019	19	1657	1745	3397	9.5	828.5	863.0	870.0	PASS	PASS	PASS	PASS	25.99	80	Yes	Yes		DA/DL
10/18/2019	8	1526	1650	3387	4.0	763.0	821.0	930.5	PASS	PASS	PASS	PASS	18.04	77	Yes	Yes		DA/DL
10/18/2019	13	1581	1671	3365	6.5	790.5	829.0	892.0	PASS	PASS	PASS	PASS	22.08	78	Yes	Yes		DA/DL
10/21/2019	7	1430	1616	3411	3.5	715.0	804.5	990.5	PASS	PASS	PASS	PASS	17.09	74	Yes	Yes		DA/DL
10/21/2019	20	1574	1737	3333	10.0	787.0	858.5	879.5	PASS	PASS	PASS	PASS	26.58	78	Yes	Yes		DA/DL
10/22/2019	8	1511	1660	3348	4.0	755.5	826.0	918.5	PASS	PASS	PASS	PASS	18.04	77	Yes	Yes		DA/DL
10/24/2019	10	1625	1454	3383	5.0	812.5	722.0	879.0	PASS	PASS	PASS	PASS	19.77	79	Yes	Yes		BB
10/24/2019	9	1576	1494	3404	4.5	788.0	742.5	914.0	PASS	PASS	PASS	PASS	18.93	78	Yes	Yes		BB
10/25/2019	12	1518	1613	3502	6.0	759.0	800.5	992.0	PASS	PASS	PASS	PASS	21.34	77	Yes	Yes		DA/DL
10/25/2019	12	1619	1760	3383	6.0	809.5	874.0	882.0	PASS	PASS	PASS	PASS	21.34	79	Yes	Yes		DA/DL
10/28/2019	15	1600	1645	3401	7.5	800.0	815.0	900.5	PASS	PASS	PASS	PASS	23.46	79	Yes	Yes		DA/DL
10/28/2019	15	1531	1584	3410	7.5	765.5	784.5	939.5	PASS	PASS	PASS	PASS	23.46	77	Yes	Yes		DA/DL
10/29/2019	8	1415	1697	3415	4.0	707.5	844.5	1000.0	PASS	PASS	PASS	PASS	18.04	74	Yes	Yes		DA/DL
10/29/2019	19	1463	1716	3241	9.5	731.5	848.5	889.0	PASS	PASS	PASS	PASS	25.99	75	Yes	Yes		DA/DL
10/31/2019	5	1409	1578	3452	2.5	704.5	786.5	1021.5	PASS	PASS	PASS	PASS	14.96	74	Yes	Yes		DA/DL
10/31/2019	13	1631	1758	3618	6.5	815.5	872.5	993.5	PASS	PASS	PASS	PASS	22.08	79	Yes	Yes		DA/DL
11/1/2019	7	1596	1716	3611	3.5	798.0	854.5	1007.5	PASS	PASS	PASS	PASS	17.09	79	Yes	Yes		DA/DL
11/1/2019	17	1671	1812	3478	8.5	835.5	897.5	903.5	PASS	PASS	PASS	PASS	24.76	80	Yes	Yes		JF
11/4/2019	1	1537	1687	3588	0.5	768.5	843.0	1025.5	PASS	PASS	PASS	PASS	8.54	77	Yes	Yes		DA/PK
11/4/2019	15	1578	1733	3527	7.5	789.0	859.0	974.5	PASS	PASS	PASS	PASS	23.46	78	Yes	Yes		DA/PK
11/5/2019	3	1554	1747	3458	1.5	777.0	872.0	952.0	PASS	PASS	PASS	PASS	12.34	78	Yes	Yes		DA/PK
11/5/2019	13	1676	1687	3495	6.5	838.0	837.0	909.5	PASS	PASS	PASS	PASS	22.08	81	Yes	Yes		DA/PK
11/6/2019	14	1584	1616	3484	7.0	792.0	801.0	950.0	PASS	PASS	PASS	PASS	22.78	78	Yes	Yes		DA/PK
11/6/2019	14	1595	1695	3624	7.0	797.5	840.5	1014.5	PASS	PASS	PASS	PASS	22.78	79	Yes	Yes		DA/PK
11/7/2019	5	1552	1670	3601	2.5	776.0	832.5	1024.5	PASS	PASS	PASS	PASS	14.96	78	Yes	Yes		DA/PK
11/7/2019	17	1609	1681	3617	8.5	804.5	832.0	1004.0	PASS	PASS	PASS	PASS	24.76	79	Yes	Yes		DA/PK
11/8/2019	4	1490	1626	3553	2.0	745.0	811.0	1031.5	PASS	PASS	PASS	PASS	13.74	76	Yes	Yes		DA/PK
11/8/2019	29	1534	1658	3714	14.5	767.0	814.5	1090.0	QUESTION	PASS	PASS	PASS	31.32	77	Yes	Yes		DA/PK
11/8/2019	20	1534	1658	3714	10.0	767.0	819.0	1090.0	PASS	PASS	PASS	PASS	26.58	77	Yes	Yes		DA/PK
11/11/2019	3	1554	1542	3549	1.5	777.0	769.5	997.5	PASS	PASS	PASS	PASS	12.34	78	Yes	Yes		DA/PK
11/11/2019	18	1614	1742	3675	9.0	807.0	862.0	1030.5	PASS	PASS	PASS	PASS	25.38	79	Yes	Yes		DA/PK
11/12/2019	4	1489	1573	3645	2.0	744.5	784.5	1078.0	PASS	PASS	PASS	PASS	13.74	76	Yes	Yes		DA/PK
11/12/2019	11	1593	1584	3707	5.5	796.5	786.5	1057.0	PASS	PASS	PASS	PASS	20.57	79	Yes	Yes		DA/PK
11/13/2019	4	1476	1642	3657	2.0	738.0	819.0	1090.5	PASS	PASS	PASS	PASS	13.74	76	Yes	Yes		DA/PK
11/13/2019	21	1464	1563	3588	10.5	732.0	771.0	1062.0	QUESTION	PASS	PASS	PASS	27.15	75	Yes	Yes		DL/PK
11/13/2019	16	1464	1563	3588	8.0	732.0	773.5	1062.0	PASS	PASS	PASS	PASS	24.12	75	Yes	Yes		DL/PK
11/14/2019	6	1501	1730	3644	3.0	750.5	862.0	1071.5	PASS	PASS	PASS	PASS	16.07	76	Yes	Yes		DL/PK
11/14/2019	17	1459	1645	3611	8.5	729.5	814.0	1076.0	PASS	PASS	PASS	PASS	24.76	75	Yes	Yes		DL/PK
11/15/2019	4	1555	1511	3561	2.0	777.5	753.5	1003.0	PASS	PASS	PASS	PASS	13.74	78	Yes	Yes		DL/PK
11/15/2019	17	1620	1671	3612	8.5	810.0	827.0	996.0	PASS	PASS	PASS	PASS	24.76	79	Yes	Yes		DL/PK
11/20/2019	8	1548	1702	3655	4.0	774.0	847.0	1053.5	PASS	PASS	PASS	PASS	18.04	77	Yes	Yes		DA
11/20/2019	17	1701	1688	3444	8.5	850.5	835.5	871.5	PASS	PASS	PASS	PASS	24.76	81	Yes	Yes		DA

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Initial Background and Source Counts for Control Chart								
	Initial bkg counts				Initial source plus bkg counts			
#	Alpha	cpm	Beta	cpm	Alpha	cpm	Beta	cpm
1	11.00	5.5	1540.00	770	1699	849.5	3444	1722
2	14.00	7	1579.00	789.5	1630	815	3361	1680.5
3	11.00	5.5	1555.00	777.5	1651	825.5	3374	1687
4	12.00	6	1632.00	816	1647	823.5	3342	1671
5	8.00	4	1655.00	827.5	1786	893	3533	1766.5
6	14.00	7	1705.00	852.5	1681	840.5	3402	1701
7	7.00	3.5	1591.00	795.5	1779	889.5	3465	1732.5
8	6.00	3	1573.00	786.5	1765	882.5	3420	1710
9	9.00	4.5	1547.00	773.5	1745	872.5	3502	1751
10	11.00	5.5	1579.00	789.5	1821	910.5	3441	1720.5
Mean		5.15		797.8		860.2		1714.2
$S_{(n-1)}$		1.38		26.36		33.68		30.66
Zero		0.00		500.00	-20%	688.16		1371.36
99% CV		70.00		15000.00	+20%	1032.24		2057.04
Zero		0.00		600.00	-19%	696.76		1388.50
95% CV		10.00		900.00	+19%	1023.64		2039.90
					Mean-bkg	855.1		916.4
					$S_{(n-1)}$	34.66		41.19
				Mean-bkg	-20%	684.04		733.12
				Mean-bkg	+20%	1026.06		1099.68
				Mean-bkg	-19%	692.59		742.28
				Mean-bkg	+19%	1017.51		1090.52

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Appendix E

Counting Instrument:	Ludlum 2360	Detector:	43-37	Calibration Date:	9/11/2019
Serial #:	278604	Serial #:	PR190617	12 month calibration:	OK

Detector Active Area or Area Covered by Smear (cm^2): 584

	Efficiency (fraction)	Source Nuclide	Source Number	Original Source Activity (DPM)	Source Creation Date	$T_{1/2}$ (yr)	Source Decayed Activity	Required MDA ($DPM/100cm^2$)	Control Chart & Daily Bkg Count Time	Control Chart & Daily Source-Sample Count Time	Control Chart bkg Average α/β cpm	Control Chart bkg 1 sigma, cpm	Control Chart Source-bkg Average α/β cpm	Control Chart source 1 sigma, cpm
Alpha	0.0670	Th-230	M6-837	5,521	6/16/2015	7.54E+04	5,521	100	2	2	2.15	1.11	659.1	19.12
Beta	0.1960	Tc-99	M6-836	5,976	6/16/2015	2.11E+05	5,976	1000	2	2	643.20	31.47	888.6	48.88

Date	Daily Bkg Counts		Daily Check Source Counts		Daily Bkg Rate (cpm)		Net Daily Source Rate (cpm)		Bkg QC Pass/Fail		Source QC Pass/Fail				α MDA OK?	β MDA OK?	H.P. Technician	Technician Initials
	Alpha	Beta	Alpha	Beta	Alpha	Beta	Alpha	Beta	Alpha	Beta	Alpha	Beta	MDA α (dpm)	MDA β (dpm)				
9/17/2019	3	1214	1369	3033	1.5	607.0	683.0	909.5	PASS	PASS	PASS	PASS	14.18	72	Yes	Yes		BB
9/17/2019	17	1473	1266	2968	8.5	736.5	624.5	747.5	PASS	PASS	PASS	PASS	28.45	80	Yes	Yes		BB
9/18/2019	4	1217	1330	3141	2.0	608.5	663.0	962.0	PASS	PASS	PASS	PASS	15.78	72	Yes	Yes		BB
9/18/2019	5	1389	1495	2953	2.5	694.5	745.0	782.0	PASS	PASS	PASS	PASS	17.19	77	Yes	Yes		BB
9/19/2019	8	1310	1377	3162	4.0	655.0	684.5	926.0	PASS	PASS	PASS	PASS	20.72	75	Yes	Yes		DA/DL
9/19/2019	11	1471	1127	3017	5.5	735.5	558.0	773.0	PASS	PASS	PASS	PASS	23.63	80	Yes	Yes		DA/DL
9/20/2019	5	1324	1363	2955	2.5	662.0	679.0	815.5	PASS	PASS	PASS	PASS	17.19	76	Yes	Yes		DA/DL
9/20/2019	14	1490	1325	3102	7.0	745.0	655.5	806.0	PASS	PASS	PASS	PASS	26.17	80	Yes	Yes		DA/DL
9/23/2019	4	1420	1308	2957	2.0	710.0	652.0	768.5	PASS	PASS	PASS	PASS	15.78	78	Yes	Yes		SH
9/23/2019	18	1467	1435	3056	9.0	733.5	708.5	794.5	PASS	PASS	PASS	PASS	29.16	79	Yes	Yes		SH
9/24/2019	3	1337	1394	3102	1.5	668.5	695.5	882.5	PASS	PASS	PASS	PASS	14.18	76	Yes	Yes		SH
9/24/2019	20	1440	1384	3101	10.0	720.0	682.0	830.5	PASS	PASS	PASS	PASS	30.53	79	Yes	Yes		SH
9/25/2019	1	1398	1197	3109	0.5	699.0	598.0	855.5	PASS	PASS	PASS	PASS	9.81	78	Yes	Yes		SH
9/26/2019	3	1305	1306	3071	1.5	652.5	651.5	883.0	PASS	PASS	PASS	PASS	14.18	75	Yes	Yes		BB
9/26/2019	4	1317	1356	3129	2.0	658.5	676.0	906.0	PASS	PASS	PASS	PASS	15.78	75	Yes	Yes		BB
9/26/2019	18	1422	1380	3101	9.0	711.0	681.0	839.5	PASS	PASS	PASS	PASS	29.16	78	Yes	Yes		BB
9/27/2019	5	1315	1315	3006	2.5	657.5	655.0	845.5	PASS	PASS	PASS	PASS	17.19	75	Yes	Yes		DA/DL
9/27/2019	14	1310	1139	3181	7.0	655.0	562.5	935.5	PASS	PASS	PASS	PASS	26.17	75	Yes	Yes		DA/DL
9/30/2019	4	1267	1115	3030	2.0	633.5	555.5	881.5	PASS	PASS	PASS	PASS	15.78	74	Yes	Yes		DA/DL
9/30/2019	20	1446	1176	3145	10.0	723.0	578.0	849.5	PASS	PASS	PASS	PASS	30.53	79	Yes	Yes		DA/DL
10/1/2019	8	1272	1236	3008	4.0	636.0	614.0	868.0	PASS	PASS	PASS	PASS	20.72	74	Yes	Yes		DA/DL
10/1/2019	15	1452	1167	3075	7.5	726.0	576.0	811.5	PASS	PASS	PASS	PASS	26.95	79	Yes	Yes		DA/DL
10/2/2019	3	1307	1144	3018	1.5	653.5	570.5	855.5	PASS	PASS	PASS	PASS	14.18	75	Yes	Yes		DA/DL
10/2/2019	12	1493	1184	3102	6.0	746.5	586.0	804.5	PASS	PASS	PASS	PASS	24.51	80	Yes	Yes		DA/DL
10/3/2019	10	1268	1275	3038	5.0	634.0	632.5	885.0	PASS	PASS	PASS	PASS	22.71	74	Yes	Yes		DA/DL
10/3/2019	16	1402	1309	2992	8.0	701.0	646.5	795.0	PASS	PASS	PASS	PASS	27.71	78	Yes	Yes		DA/DL
10/4/2019	4	1271	1275	3024	2.0	635.5	635.5	876.5	PASS	PASS	PASS	PASS	15.78	74	Yes	Yes		DA/DL
10/4/2019	13	1360	1256	3008	6.5	680.0	621.5	824.0	PASS	PASS	PASS	PASS	25.36	77	Yes	Yes		DA/DL
10/7/2019	3	1343	1278	3094	1.5	671.5	637.5	875.5	PASS	PASS	PASS	PASS	14.18	76	Yes	Yes		DA/DL
10/7/2019	15	1509	1326	3085	7.5	754.5	655.5	788.0	PASS	PASS	PASS	PASS	26.95	81	Yes	Yes		DA/DL
10/8/2019	2	1336	1272	3085	1.0	668.0	635.0	874.5	PASS	PASS	PASS	PASS	12.28	76	Yes	Yes		DA/DL
10/8/2019	3	1476	1209	2928	1.5	738.0	603.0	726.0	PASS	PASS	PASS	PASS	14.18	80	Yes	Yes		DA/DL
10/9/2019	5	1237	1115	3045	2.5	618.5	555.0	904.0	PASS	PASS	PASS	PASS	17.19	73	Yes	Yes		DA/DL
10/9/2019	10	1393	1114	3064	5.0	696.5	552.0	835.5	PASS	PASS	PASS	PASS	22.71	77	Yes	Yes		DA/DL
10/10/2019	3	1261	1088	2969	1.5	630.5	542.5	854.0	PASS	PASS	PASS	PASS	14.18	74	Yes	Yes		DA/DL
10/10/2019	9	1343	1423	3000	4.5	671.5	707.0	828.5	PASS	PASS	PASS	PASS	21.74	76	Yes	Yes		DA/DL
10/11/2019	11	1283	1279	3160	5.5	641.5	634.0	938.5	PASS	PASS	PASS	PASS	23.63	74	Yes	Yes		DA/DL
10/11/2019	16	1427	1265	3060	8.0	713.5	624.5	816.5	PASS	PASS	PASS	PASS	27.71	78	Yes	Yes		DA/DL
10/16/2019	7	1130	1264	3007	3.5	565.0	628.5	938.5	PASS	QUESTION	PASS	PASS	19.63	70	Yes	Yes		DA/DL
10/16/2019	7	1239	1280	2905	3.5	619.5	636.5	833.0	PASS	PASS	PASS	PASS	19.63	73	Yes	Yes		DA/DL
10/16/2019	8	1285	1180	3033	4.0	642.5	586.0	874.0	PASS	PASS	PASS	PASS	20.72	74	Yes	Yes		DA/DL
10/17/2019	3	1286	1364	2988	1.5	643.0	680.5	851.0	PASS	PASS	PASS	PASS	14.18	74	Yes	Yes		DA/DL
10/17/2019	20	1297	1328	3111	10.0	648.5	654.0	907.0	PASS	PASS	PASS	PASS	30.53	75	Yes	Yes		DA/DL
10/18/2019	4	1214	1147	2959	2.0	607.0	571.5	872.5	PASS	PASS	PASS	PASS	15.78	72	Yes	Yes		DA/DL
10/18/2019	6	1297	1098	2973	3.0	648.5	546.0	838.0	PASS	PASS	PASS	PASS	18.46	75	Yes	Yes		DA/DL
10/21/2019	14	1391	1324	2937	7.0	695.5	655.0	773.0	PASS	PASS	PASS	PASS	26.17	77	Yes	Yes		DA/DL
10/21/2019	13	1390	1379	3131	6.5	695.0	683.0	870.5	PASS	PASS	PASS	PASS	25.36	77	Yes	Yes		DA/DL
10/22/2019	4	1244	1336	3057	2.0	622.0	666.0	906.5	PASS	PASS	PASS	PASS	15.78	73	Yes	Yes		DA/DL
10/22/2019	15	1404	1301	3053	7.5	702.0	643.0	824.5	PASS	PASS	PASS	PASS	26.95	78	Yes	Yes		JF/DL
10/23/2019	8	1246	1166	3014	4.0	623.0	579.0	884.0	PASS	PASS	PASS	PASS	20.72	73	Yes	Yes		JF/DL
10/23/2019	10	1486	1248	3034	5.0	743.0	619.0	774.0	PASS	PASS	PASS	PASS	22.71	80	Yes	Yes		JF/DL
10/24/2019	2	1365	1229	3056	1.0	682.5	613.5	845.5	PASS	PASS	PASS	PASS	12.28	77	Yes	Yes		JF/DL
10/24/2019	6	1240	1205	2760	3.0	620.0	599.5	760.0	PASS	PASS	PASS	PASS	18.46	73	Yes	Yes		JF/DL
10/25/2019	3	1434	1173	2967	1.5	717.0	585.0	766.5	PASS	PASS	PASS	PASS	14.18	79	Yes	Yes		JF/DL

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10/25/2019	11	1494	1350	3178	5.5	747.0	669.5	842.0	PASS	PASS	PASS	PASS	23.63	80	Yes	Yes		JF/DL
10/28/2019	4	1221	1208	2944	2.0	610.5	602.0	861.5	PASS	PASS	PASS	PASS	15.78	73	Yes	Yes		JF/DL
10/28/2019	4	1274	1221	3095	2.0	637.0	608.5	910.5	PASS	PASS	PASS	PASS	15.78	74	Yes	Yes		JF/DL
10/30/2019	2	1158	1080	2967	1.0	579.0	539.0	904.5	PASS	QUESTION	PASS	PASS	12.28	71	Yes	Yes		DA
10/30/2019	4	1201	1080	2967	2.0	600.5	538.0	883.0	PASS	PASS	PASS	PASS	15.78	72	Yes	Yes		DA/DL
10/30/2019	18	1286	1100	3102	9.0	643.0	541.0	908.0	PASS	PASS	PASS	PASS	29.16	74	Yes	Yes		DA/DL

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Initial Background and Source Counts for Control Chart								
	Initial bkg counts				Initial source plus bkg counts			
#	Alpha	cpm	Beta	cpm	Alpha	cpm	Beta	cpm
1	4.00	2	1274.00	637	1266	633	3141	1570.5
2	10.00	5	1319.00	659.5	1372	686	3124	1562
3	3.00	1.5	1313.00	656.5	1328	664	2971	1485.5
4	4.00	2	1402.00	701	1333	666.5	3039	1519.5
5	2.00	1	1287.00	643.5	1262	631	3073	1536.5
6	4.00	2	1333.00	666.5	1350	675	3046	1523
7	5.00	2.5	1230.00	615	1363	681.5	3074	1537
8	3.00	1.5	1302.00	651	1345	672.5	3008	1504
9	3.00	1.5	1186.00	593	1322	661	3132	1566
10	5.00	2.5	1218.00	609	1283	641.5	3028	1514
Mean		2.15		643.2		661.2		1531.8
$S_{(n-1)}$		1.11		31.47		19.65		28.07
Zero		0.00		500.00	-20%	528.96		1225.44
99% CV		70.00		15000.00	+20%	793.44		1838.16
Zero		0.00		600.00	-19%	535.57		1240.76
95% CV		10.00		800.00	+19%	786.83		1822.84
					Mean-bkg	659.1		888.6
					$S_{(n-1)}$	19.12		48.88
				Mean-bkg	-20%	527.24		710.88
				Mean-bkg	+20%	790.86		1066.32
				Mean-bkg	-19%	533.83		719.77
				Mean-bkg	+19%	784.27		1057.43

HP Technician Signature:

Supervisor Signature:

Appendix E

Counting Instrument:	Ludlum 2360	Detector:	43-37	Calibration Date:	9/11/2019
Serial #:	245779	Serial #:	PR190618	12 month calibration:	OK

Detector Active Area or Area Covered by Smear (cm^2): 584

	Efficiency (fraction)	Source Nuclide	Source Number	Original Source Activity (DPM)	Source Creation Date	$T_{1/2}$ (yr)	Source Decayed Activity	Required MDA ($DPM/100cm^2$)	Control Chart & Daily Bkg Count Time	Control Chart & Daily Source-Sample Count Time	Control Chart bkg Average α/β cpm	Control Chart bkg 1 sigma, cpm	Control Chart Source-bkg Average α/β cpm	Control Chart source 1 sigma, cpm
Alpha	0.066	Th-230	M6-837	5,521	6/16/2015	7.54E+04	5,521	100	2	2	2.45	1.46	711.8	24.89
Beta	0.207	Tc-99	M6-836	5,976	6/16/2015	2.11E+05	5,976	1000	2	2	648.20	38.77	990.9	58.59

Date	Daily Bkg Counts		Daily Check Source Counts		Daily Bkg Rate (cpm)		Net Daily Source Rate (cpm)		Bkg QC Pass/Fail		Source QC Pass/Fail				α MDA OK?	β MDA OK?	H.P. Technician	Technician Initials
	Alpha	Beta	Alpha	Beta	Alpha	Beta	Alpha	Beta	Alpha	Beta	Alpha	Beta	MDA α (dpm)	MDA β (dpm)				
9/17/2019	4	1370	1438	3383	2.0	685.0	717.0	1006.5	PASS	PASS	PASS	PASS	16.02	73	Yes	Yes		BB
9/17/2019	9	1368	1477	3296	4.5	684.0	734.0	964.0	PASS	PASS	PASS	PASS	22.07	73	Yes	Yes		BB
9/18/2019	3	1371	1393	3229	1.5	685.5	695.0	929.0	PASS	PASS	PASS	PASS	14.40	73	Yes	Yes		BB
9/18/2019	7	1449	1505	3244	3.5	724.5	749.0	897.5	PASS	PASS	PASS	PASS	19.93	75	Yes	Yes		DA/DL
9/19/2019	6	1392	1363	3198	3.0	696.0	678.5	903.0	PASS	PASS	PASS	PASS	18.74	73	Yes	Yes		DA/DL
9/19/2019	7	1497	1574	3252	3.5	748.5	783.5	877.5	PASS	PASS	PASS	PASS	19.93	76	Yes	Yes		DA/DL
9/20/2019	1	1341	1477	3253	0.5	670.5	738.0	956.0	PASS	PASS	PASS	PASS	9.96	72	Yes	Yes		DA/DL
9/20/2019	5	1484	1199	3188	2.5	742.0	597.0	852.0	PASS	PASS	PASS	PASS	17.45	76	Yes	Yes		DA/DL
9/23/2019	9	1368	1503	3240	4.5	684.0	747.0	936.0	PASS	PASS	PASS	PASS	22.07	73	Yes	Yes		SH
9/23/2019	20	1520	1546	3165	10.0	760.0	763.0	822.5	PASS	PASS	PASS	PASS	30.99	77	Yes	Yes		SH
9/24/2019	2	1347	1515	3237	1.0	673.5	756.5	945.0	PASS	PASS	PASS	PASS	12.47	72	Yes	Yes		SH
9/24/2019	14	1447	1504	3071	7.0	723.5	745.0	812.0	PASS	PASS	PASS	PASS	26.57	75	Yes	Yes		SH
9/25/2019	5	1507	1463	3126	2.5	753.5	729.0	809.5	PASS	PASS	PASS	PASS	17.45	76	Yes	Yes		SH
9/25/2019	7	1466	1489	3237	3.5	733.0	741.0	885.5	PASS	PASS	PASS	PASS	19.93	75	Yes	Yes		SH
9/26/2019	3	1383	1275	3244	1.5	691.5	636.0	930.5	PASS	PASS	PASS	PASS	14.40	73	Yes	Yes		DA/DL
9/26/2019	18	1380	1238	3143	9.0	690.0	610.0	881.5	PASS	PASS	PASS	PASS	29.60	73	Yes	Yes		DA/DL
9/27/2019	2	1269	1244	3138	1.0	634.5	621.0	934.5	PASS	PASS	PASS	PASS	12.47	70	Yes	Yes		DA/DL
9/27/2019	8	1336	1404	3211	4.0	668.0	698.0	937.5	PASS	PASS	PASS	PASS	21.04	72	Yes	Yes		DA/DL
9/30/2019	3	1255	1252	2957	1.5	627.5	624.5	851.0	PASS	PASS	PASS	PASS	14.40	70	Yes	Yes		BB
9/30/2019	14	1282	1434	3155	7.0	641.0	710.0	936.5	PASS	PASS	PASS	PASS	26.57	70	Yes	Yes		DA/DL
10/1/2019	3	1265	1462	3217	1.5	632.5	729.5	976.0	PASS	PASS	PASS	PASS	14.40	70	Yes	Yes		DA/DL
10/1/2019	16	1414	1314	3174	8.0	707.0	649.0	880.0	PASS	PASS	PASS	PASS	28.13	74	Yes	Yes		DA/DL
10/2/2019	1	1326	1382	2910	0.5	663.0	690.5	792.0	PASS	PASS	PASS	FAIL	9.96	72	Yes	Yes		DA/DL
10/2/2019	1	1326	1382	3064	0.5	663.0	690.5	869.0	PASS	PASS	PASS	PASS	9.96	72	Yes	Yes		DA/DL
10/2/2019	5	1299	1380	3171	2.5	649.5	687.5	936.0	PASS	PASS	PASS	PASS	17.45	71	Yes	Yes		DA/DL
10/3/2019	2	1284	1349	3222	1.0	642.0	673.5	969.0	PASS	PASS	PASS	PASS	12.47	70	Yes	Yes		DA/DL
10/3/2019	16	1396	1379	3183	8.0	698.0	681.5	893.5	PASS	PASS	PASS	PASS	28.13	73	Yes	Yes		DA/DL
10/4/2019	2	1258	1345	3047	1.0	629.0	671.5	894.5	PASS	PASS	PASS	PASS	12.47	70	Yes	Yes		DA/DL
10/4/2019	14	1235	1278	3055	7.0	617.5	632.0	910.0	PASS	PASS	PASS	PASS	26.57	69	Yes	Yes		DA/DL
10/7/2019	4	1255	1361	3260	2.0	627.5	678.5	1002.5	PASS	PASS	PASS	PASS	16.02	70	Yes	Yes		DA/DL
10/7/2019	9	1416	1370	3282	4.5	708.0	680.5	933.0	PASS	PASS	PASS	PASS	22.07	74	Yes	Yes		DA/DL
10/8/2019	3	1338	1419	3202	1.5	669.0	708.0	932.0	PASS	PASS	PASS	PASS	14.40	72	Yes	Yes		DA/DL
10/8/2019	8	1203	1348	3217	4.0	601.5	670.0	1007.0	PASS	PASS	PASS	PASS	21.04	68	Yes	Yes		DA/DL
10/9/2019	4	1342	1419	3178	2.0	671.0	707.5	918.0	PASS	PASS	PASS	PASS	16.02	72	Yes	Yes		DA/DL
10/9/2019	18	1264	1212	3025	9.0	632.0	597.0	880.5	PASS	PASS	PASS	PASS	29.60	70	Yes	Yes		DA/DL
10/10/2019	3	1304	1339	3169	1.5	652.0	668.0	932.5	PASS	PASS	PASS	PASS	14.40	71	Yes	Yes		DA/DL
10/10/2019	9	1232	1426	3227	4.5	616.0	708.5	997.5	PASS	PASS	PASS	PASS	22.07	69	Yes	Yes		DA/DL
10/11/2019	3	1297	1390	3151	1.5	648.5	693.5	927.0	PASS	PASS	PASS	PASS	14.40	71	Yes	Yes		DA/DL
10/11/2019	5	1224	1368	3186	2.5	612.0	681.5	981.0	PASS	PASS	PASS	PASS	17.45	69	Yes	Yes		DA/DL
10/15/2019	4	1225	1368	3192	2.0	612.5	682.0	983.5	PASS	PASS	PASS	PASS	16.02	69	Yes	Yes		DA/DL
10/15/2019	5	1226	1413	3105	2.5	613.0	704.0	939.5	PASS	PASS	PASS	PASS	17.45	69	Yes	Yes		DA/DL
10/16/2019	4	1283	1482	3256	2.0	641.5	739.0	986.5	PASS	PASS	PASS	PASS	16.02	70	Yes	Yes		DA/DL
10/16/2019	3	1203	1409	3166	1.5	601.5	703.0	981.5	PASS	PASS	PASS	PASS	14.40	68	Yes	Yes		DA/DL

HP Technician Signature:

Supervisor Signature:

Ludlum
2360/43-37

Initial Background and Source Counts for Control Chart								
	Initial bkg counts				Initial source plus bkg counts			
#	Alpha	cpm	Beta	cpm	Alpha	cpm	Beta	cpm
1	1.00	0.5	1230.00	615	1428	714	3272	1636
2	1.00	0.5	1358.00	679	1438	719	3166	1583
3	3.00	1.5	1302.00	651	1494	747	3339	1669.5
4	6.00	3	1186.00	593	1409	704.5	3281	1640.5
5	7.00	3.5	1214.00	607	1439	719.5	3229	1614.5
6	10.00	5	1216.00	608	1340	670	3365	1682.5
7	4.00	2	1332.00	666	1395	697.5	3253	1626.5
8	5.00	2.5	1359.00	679.5	1391	695.5	3269	1634.5
9	4.00	2	1390.00	695	1502	751	3429	1714.5
10	8.00	4	1377.00	688.5	1449	724.5	3178	1589
Mean		2.45		648.2		714.3		1639.1
$S_{(n-1)}$		1.46		38.77		24.18		40.75
Zero		0.00		500.00	-20%	571.40		1311.24
99% CV		70.00		15000.00	+20%	857.10		1966.86
Zero		0.00		600.00	-19%	578.54		1327.63
95% CV		10.00		800.00	+19%	849.96		1950.47
					Mean-bkg	711.8		990.9
					$S_{(n-1)}$	24.89		58.59
				Mean-bkg	-20%	569.44		792.68
				Mean-bkg	+20%	854.16		1189.02
				Mean-bkg	-19%	576.56		802.59
				Mean-bkg	+19%	847.04		1179.11

HP Technician Signature:

Supervisor Signature:

Appendix E

Inst.# 104556		
QC Daily Source		
Date	Result (µrem/hr)	P/F
8/12/2019	4	Pass
8/12/2019	5	Pass
8/13/2019	5	Pass
8/13/2019	5	Pass
8/14/2019	5	Pass
8/14/2019	5	Pass
8/15/2019	5	Pass
8/15/2019	5	Pass
8/16/2019	4	Pass
8/16/2019	5	Pass
8/19/2019	5	Pass
8/19/2019	5	Pass
8/20/2019	5	Pass
8/20/2019	4	Pass
8/21/2019	4	Pass
8/21/2019	5	Pass
8/22/2019	5	Pass
8/22/2019	5	Pass
8/23/2019	5	Pass
8/23/2019	5	Pass
8/26/2019	5	Pass
8/26/2019	4	Pass
8/27/2019	4	Pass
8/27/2019	4	Pass
8/28/2019	5	Pass
8/28/2019	5	Pass
8/29/2019	5	Pass
8/29/2019	5	Pass
8/30/2019	5	Pass
8/30/2019	5	Pass
9/3/2019	5	Pass
9/3/2019	5	Pass
9/4/2019	5	Pass
9/4/2019	5	Pass
9/9/2019	4	Pass
9/9/2019	5	Pass
9/12/2019	5	Pass
9/12/2019	4	Pass
9/13/2019	5	Pass
9/13/2019	5	Pass
9/30/2019	5	Pass
9/30/2019	5	Pass
10/7/2019	5	Pass
10/7/2019	5	Pass
10/11/2019	5	Pass
10/11/2019	5	Pass
10/21/2019	4	Pass
10/21/2019	5	Pass
11/1/2019	5	Pass
11/1/2019	5	Pass
11/8/2019	4	Pass
11/8/2019	5	Pass

Inst.# 104556		Source Ser. #	Bkg
Initial Source Readings		Nuclide	Bkg
Date	Result (µrem/hr)		
8/12/2019	4		
8/12/2019	5		
8/12/2019	5		
8/12/2019	4		
8/12/2019	4		
8/12/2019	5		
8/12/2019	4		
8/12/2019	4		
8/12/2019	5		
8/12/2019	5		
	Average		
	5		

Model 19
Serial No. 104556

HP Technician Signature:

Supervisor Signature:

Inst.# 104556		
QC Daily Source		
Date	Result (μrem/hr)	P/F
8/12/2019	100	Pass
8/12/2019	100	Pass
8/13/2019	100	Pass
8/13/2019	90	Pass
8/14/2019	100	Pass
8/14/2019	100	Pass
8/15/2019	100	Pass
8/15/2019	100	Pass
8/16/2019	90	Pass
8/16/2019	100	Pass
8/19/2019	100	Pass
8/19/2019	100	Pass
8/20/2019	90	Pass
8/20/2019	100	Pass
8/21/2019	100	Pass
8/21/2019	100	Pass
8/22/2019	100	Pass
8/22/2019	100	Pass
8/23/2019	90	Pass
8/23/2019	100	Pass
8/26/2019	100	Pass
8/26/2019	100	Pass
8/27/2019	100	Pass
8/27/2019	100	Pass
8/28/2019	100	Pass
8/28/2019	100	Pass
8/29/2019	100	Pass
8/29/2019	100	Pass
8/30/2019	100	Pass
8/30/2019	100	Pass
9/3/2019	100	Pass
9/3/2019	100	Pass
9/4/2019	100	Pass
9/4/2019	100	Pass
9/9/2019	100	Pass
9/9/2019	100	Pass
9/12/2019	90	Pass
9/12/2019	100	Pass
9/19/2019	90	Pass
9/19/2019	90	Pass
9/30/2019	100	Pass
9/30/2019	90	Pass
10/7/2019	100	Pass
10/7/2019	100	Pass
10/11/2019	100	Pass
10/11/2019	100	Pass
10/21/2019	100	Pass
10/21/2019	90	Pass
11/1/2019	90	Pass
11/1/2019	90	Pass
11/8/2019	100	Pass
11/8/2019	90	Pass

Inst.# 104556		Source Ser. #	1592-30-1
Initial Source Readings		Nuclide	Co-60
Date	Result (μrem/hr)		
8/12/2019	90		
8/12/2019	90		
8/12/2019	100		
8/12/2019	100		
8/12/2019	100		
8/12/2019	100		
8/12/2019	90		
8/12/2019	90		
8/12/2019	90		
8/12/2019	100		
	Average		
	95		

Model 19
Serial No. 104556

HP Technician Signature:

Supervisor Signature:

Model 2221r with
44-20

Inst.# 176952		
QC Daily Source		
Date	Result (cpm)	P/F
8/12/2019	7564	Pass
8/12/2019	7875	Pass
8/13/2019	7682	Pass
8/13/2019	7780	Pass
8/14/2019	7258	Pass
8/14/2019	8124	Pass
8/15/2019	7587	Pass
8/15/2019	7765	Pass
8/16/2019	7652	Pass
8/16/2019	7729	Pass
8/19/2019	7029	Pass
8/19/2019	7762	Pass
8/20/2019	7105	Pass
8/20/2019	7709	Pass
8/21/2019	7081	Pass
8/21/2019	7210	Pass
8/22/2019	7165	Pass
8/22/2019	7503	Pass
8/23/2019	7508	Pass
8/23/2019	7331	Pass
8/26/2019	7380	Pass
8/26/2019	7841	Pass
8/27/2019	7177	Pass
8/27/2019	7442	Pass
8/28/2019	7369	Pass
8/28/2019	7533	Pass
8/29/2019	7797	Pass
8/29/2019	7499	Pass
8/30/2019	7271	Pass
8/30/2019	7544	Pass
9/3/2019	7225	Pass
9/3/2019	7039	Pass

Inst.# 176952		Source Ser. #	Bkg
Initial Source Readings		Nuclide	Bkg
Date	Result (cpm)		
8/12/2019	7946		
8/12/2019	7715		
8/12/2019	7922		
8/12/2019	7904		
8/12/2019	7629		
8/12/2019	7678		
8/12/2019	7769		
8/12/2019	7795		
8/12/2019	7679		
8/12/2019	7702		
	Average		
	7774		

HP Technician Signature:

Supervisor Signature:

9/4/2019	7223	Pass
9/4/2019	7450	Pass
9/9/2019	7146	Pass
9/9/2019	7477	Pass
9/12/2019	7740	Pass
9/12/2019	7622	Pass
9/19/2019	7643	Pass
9/19/2019	7608	Pass
9/26/2019	7782	Pass
9/26/2019	7569	Pass
9/27/2019	7245	Pass
9/27/2019	7533	Pass
9/30/2019	7666	Pass
9/30/2019	7329	Pass
10/1/2019	7786	Pass
10/1/2019	7669	Pass
10/3/2019	7544	Pass
10/3/2019	7269	Pass
10/4/2019	7333	Pass
10/4/2019	7543	Pass
10/8/2019	7929	Pass
10/8/2019	7763	Pass
10/9/2019	7677	Pass
10/9/2019	7540	Pass
10/10/2019	7239	Pass
10/10/2019	7529	Pass
10/11/2019	7995	Pass
10/11/2019	7741	Pass
10/15/2019	7325	Pass
10/15/2019	7824	Pass
10/16/2019	7427	Pass
10/16/2019	7515	Pass
10/17/2019	7276	Pass
10/17/2019	7304	Pass
10/18/2019	7497	Pass

Model 2221r with
44-20
176952/PR262403

HP Technician Signature:

Supervisor Signature:

10/18/2019	7792	Pass
10/21/2019	7263	Pass
10/21/2019	7281	Pass
10/22/2019	7399	Pass
10/22/2019	7258	Pass
10/23/2019	7886	Pass
10/23/2019	7583	Pass
10/24/2019	7973	Pass
10/24/2019	7773	Pass
10/25/2019	7432	Pass
10/25/2019	7864	Pass
10/29/2019	7476	Pass
10/29/2019	8086	Pass
11/1/2019	8450	Pass
11/1/2019	8255	Pass
11/5/2019	7968	Pass
11/5/2019	7731	Pass
11/6/2019	7826	Pass
11/6/2019	7929	Pass
11/7/2019	7801	Pass
11/7/2019	7654	Pass
11/11/2019	8046	Pass
11/11/2019	8195	Pass
11/14/2019	7855	Pass
11/14/2019	8045	Pass
11/15/2019	7933	Pass
11/15/2019	7310	Pass
11/18/2019	8646	Pass
11/18/2019	8448	Pass
11/19/2019	6909	Pass

Model 2221r with
44-20

HP Technician Signature:

Supervisor Signature:

Model 2221r with
44-20

Inst.# 176952		
QC Daily Source		
Date	Result (cpm)	P/F
11/19/2109	6963	Pass
11/20/2019	7659	Pass
11/20/2019	7630	Pass

Inst.# 176952		Source Ser. #	Bkg
Initial Source Readings		Nuclide	Bkg
Date	Result (cpm)		
8/12/2019	7946		
8/12/2019	7715		
8/12/2019	7922		
8/12/2019	7904		
8/12/2019	7629		
8/12/2019	7678		
8/12/2019	7769		
8/12/2019	7795		
8/12/2019	7679		
8/12/2019	7702		
	Average		
	7774		

HP Technician Signature:

Supervisor Signature:

Model 2221r with
44-20

Inst.# 176952		
QC Daily Source		
Date	Result (cpm)	P/F
8/12/2019	105662	Pass
8/12/2019	109556	Pass
8/13/2019	101888	Pass
8/13/2019	103146	Pass
8/14/2019	103802	Pass
8/14/2019	103466	Pass
8/15/2019	103629	Pass
8/15/2019	104324	Pass
8/16/2019	103111	Pass
8/16/2019	103478	Pass
8/19/2019	107076	Pass
8/19/2019	103488	Pass
8/20/2019	105703	Pass
8/20/2019	107279	Pass
8/21/2019	106957	Pass
8/21/2019	104637	Pass
8/22/2019	114472	Pass
8/22/2019	102483	Pass
8/23/2019	117101	Pass
8/23/2019	110721	Pass
8/26/2019	100999	Pass
8/26/2019	101822	Pass
8/27/2019	106325	Pass
8/27/2019	102509	Pass
8/28/2019	106016	Pass
8/28/2019	104891	Pass
8/29/2019	114932	Pass
8/29/2019	105891	Pass
8/30/2019	118006	Pass
8/30/2019	105688	Pass
9/3/2019	102995	Pass
9/3/2019	107963	Pass

Inst.# 176952		Source Ser. #	1592-30-1
Initial Source Readings		Nuclide	Co-60
Date	Result (cpm)		
8/12/2019	103434		
8/12/2019	109309		
8/12/2019	109408		
8/12/2019	102208		
8/12/2019	109090		
8/12/2019	108413		
8/12/2019	103494		
8/12/2019	101139		
8/12/2019	112232		
8/12/2019	103272		
	Average		
	106200		

HP Technician Signature:

Supervisor Signature:

9/4/2019	115263	Pass
9/4/2019	105722	Pass
9/9/2019	106054	Pass
9/9/2019	102404	Pass
9/12/2019	106788	Pass
9/12/2019	103679	Pass
9/19/2019	102593	Pass
9/19/2019	102394	Pass
9/26/2019	101367	Pass
9/26/2019	104328	Pass
9/27/2019	105811	Pass
9/27/2019	103466	Pass
9/30/2019	105746	Pass
9/30/2019	106532	Pass
10/1/2019	103481	Pass
10/1/2019	103279	Pass
10/3/2019	103871	Pass
10/3/2019	102811	Pass
10/4/2019	105673	Pass
10/4/2019	104661	Pass
10/8/2019	105633	Pass
10/8/2019	105422	Pass
10/9/2019	108562	Pass
10/9/2019	104329	Pass
10/10/2019	103970	Pass
10/10/2019	102678	Pass
10/11/2019	99085	Pass
10/11/2019	102342	Pass
10/15/2019	106041	Pass
10/15/2019	104430	Pass
10/16/2019	99986	Pass
10/16/2019	103838	Pass
10/17/2019	104978	Pass
10/17/2019	108994	Pass
10/18/2019	102382	Pass

Model 2221r with
44-20

HP Technician Signature:

Supervisor Signature:

10/18/2019	106522	Pass
10/21/2019	103035	Pass
10/21/2019	101392	Pass
10/22/2019	102864	Pass
10/22/2019	103561	Pass
10/23/2019	102613	Pass
10/23/2019	107759	Pass
10/24/2019	105941	Pass
10/24/2019	104215	Pass
10/25/2019	107533	Pass
10/25/2019	106392	Pass
10/29/2019	99839	Pass
10/29/2019	101228	Pass
11/1/2019	105531	Pass
11/1/2019	106737	Pass
11/5/2019	104360	Pass
11/5/2019	107411	Pass
11/6/2019	103874	Pass
11/6/2019	106931	Pass
11/7/2019	104792	Pass
11/7/2019	102780	Pass
11/11/2019	105192	Pass
11/11/2019	104512	Pass
11/14/2019	101595	Pass
11/14/2019	102593	Pass
11/15/2019	104511	Pass
11/15/2019	105129	Pass
11/18/2019	101927	Pass
11/18/2019	117320	Pass
11/19/2019	112647	Pass

Model 2221r with
44-20

HP Technician Signature:

Supervisor Signature:

Model 2221r with
44-20

Inst.# 176952		
QC Daily Source		
Date	Result (cpm)	P/F
11/19/2019	104108	Pass
11/20/2019	108308	Pass
11/20/2019	110238	Pass

Inst.# 176952		Source Ser. #	1592-30-1
Initial Source Readings		Nuclide	Co-60
Date	Result (cpm)		
8/12/2019	103434		
8/12/2019	109309		
8/12/2019	109408		
8/12/2019	102208		
8/12/2019	109090		
8/12/2019	108413		
8/12/2019	103494		
8/12/2019	101139		
8/12/2019	112232		
8/12/2019	103272		
	Average		
	106200		

HP Technician Signature:

Supervisor Signature:

CABRERA ALPHA-BETA COUNTING INSTRUMENT (Rev 6)

Counting Instrument:			2929		Detector:	43-10-1		Calibration Date:		2/26/2020								
Serial #:			142654		Serial #:	PR145340		12 month calibration:		OK								
Detector Active Area or Area Covered by Smear (cm^2):						100												
	Efficiency (fraction)	Source Nuclide	Source Number	Original Source Activity (DPM)	Source Creation Date	$T_{1/2}$ (yr)	Source Decayed Activity	Required MDA ($DPM/100cm^2$)	Control Chart & Daily Bkg Count Time	Control Chart & Daily Source-Sample Count Time	Control Chart bkg Average α/β cpm	Control Chart bkg 1 sigma, cpm	Control Chart Source-bkg Average α/β cpm	Control Chart source 1 sigma, cpm				
Alpha	0.3521	Th-230	3973-02	15,700	8/21/2012	7.54E+04	15,699	20	10	1	0.10	0.09	5250.5	86.39				
Beta	0.1689	Tc-99	3975-02	17,700	8/21/2012	2.11E+05	17,700	200	10	1	37.77	1.49	3042.5	55.58				

Date	Daily Bkg Counts		Daily Check Source Counts		Daily Bkg Rate (cpm)		Net Daily Source Rate (cpm)		Bkg QC Pass/Fail		Source QC Pass/Fail				α MDA OK?	β MDA OK?	H.P. Technician	Technician Initials
	Alpha	Beta	Alpha	Beta	Alpha	Beta	Alpha	Beta	Alpha	Beta	Alpha	Beta	MDA α (dpm)	MDA β (dpm)				
3/9/2020	1	350	5211	3082	0.1	35.0	5210.9	3047.0	PASS	PASS	PASS	PASS	11.62	139	Yes	Yes		KR
3/9/2020	1	393	5321	3171	0.1	39.3	5320.9	3131.7	PASS	PASS	PASS	PASS	11.62	146	Yes	Yes		KR
3/10/2020	2	380	5218	3135	0.2	38.0	5217.8	3097.0	PASS	PASS	PASS	PASS	12.90	144	Yes	Yes		KR
3/10/2020	1	411	5113	3104	0.1	41.1	5112.9	3062.9	PASS	QUESTION	PASS	PASS	11.62	149	Yes	Yes		KR
3/10/2020	1	396	5113	3104	0.1	39.6	5112.9	3064.4	PASS	PASS	PASS	PASS	11.62	146	Yes	Yes		KR
3/11/2020	2	379	5216	3128	0.2	37.9	5215.8	3090.1	PASS	PASS	PASS	PASS	12.90	144	Yes	Yes		KR
3/11/2020	1	396	5320	3143	0.1	39.6	5319.9	3103.4	PASS	PASS	PASS	PASS	11.62	146	Yes	Yes		KR
3/12/2020	2	377	5106	3122	0.2	37.7	5105.8	3084.3	PASS	PASS	PASS	PASS	12.90	143	Yes	Yes		KR
3/12/2020	1	346	5231	3040	0.1	34.6	5230.9	3005.4	PASS	QUESTION	PASS	PASS	11.62	138	Yes	Yes		KR
3/12/2020	0	397	5231	3040	0.0	39.7	5231.0	3000.3	PASS	PASS	PASS	PASS	8.52	146	Yes	Yes		KR
3/13/2020	1	394	5294	3087	0.1	39.4	5293.9	3047.6	PASS	PASS	PASS	PASS	11.62	146	Yes	Yes		KR
3/13/2020	1	398	5258	3098	0.1	39.8	5257.9	3058.2	PASS	PASS	PASS	PASS	11.62	147	Yes	Yes		KR

HP Technician Signature:

Supervisor Signature:

CABRERA ALPHA-BETA COUNTING INSTRUMENT (Rev 6)

Ludlum
2929/43-10-1

Initial Background and Source Counts for Control Chart								
	Initial bkg counts				Initial source plus bkg counts			
#	Alpha	cpm	Beta	cpm	Alpha	cpm	Beta	cpm
1	1	0.1	360	36	5269	5269	2953	2953
2	1	0.1	367	36.7	5268	5268	3114	3114
3	1	0.1	382	38.2	5139	5139	3084	3084
4	2	0.2	401	40.1	5366	5366	3104	3104
5	1	0.1	384	38.4	5342	5342	3026	3026
6	0	0	387	38.7	5241	5241	3137	3137
7	0	0	397	39.7	5365	5365	3083	3083
8	3	0.3	370	37	5161	5161	3134	3134
9	1	0.1	357	35.7	5162	5162	3108	3108
10	0	0	372	37.2	5193	5193	3060	3060
Mean		0.10		37.8		5250.6		3080.3
$S_{(n-1)}$		0.09		1.49		86.37		55.93
-3 sigma		-0.18		33.29		4991.48		2912.52
+3 sigma		0.38		42.25		5509.72		3248.08
-2 sigma		-0.09		34.78		5077.85		2968.45
+2 sigma		0.29		40.76		5423.35		3192.15
					Mean-bkg	5250.5		3042.5
					$S_{(n-1)}$	86.39		55.58
				Mean-bkg	-3 sigma	4991.34		2875.78
				Mean-bkg	+3 sigma	5509.66		3209.28
				Mean-bkg	-2 sigma	5077.73		2931.36
				Mean-bkg	+2 sigma	5423.27		3153.70

HP Technician Signature:

Supervisor Signature:

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Appendix E

Counting Instrument:	Ludlum 2360	Detector:	43-93	Calibration Date:	2/12/2020
Serial #:	276943	Serial #:	PR199841	12 month calibration:	OK

Detector Active Area or Area Covered by Smear (cm^2): 100

	Efficiency (fraction)	Source Nuclide	Source Number	Original Source Activity (DPM)	Source Creation Date	$T_{1/2}$ (yr)	Source Decayed Activity	Required MDA ($DPM/100cm^2$)	Control Chart & Daily Bkg Count Time	Control Chart & Daily Source-Sample Count Time	Control Chart bkg Average α/β cpm	Control Chart bkg 1 sigma, cpm	Control Chart Source-bkg Average α/β cpm	Control Chart source 1 sigma, cpm
Alpha	0.1028	Th-230	3973-02	15,700	8/21/2012	7.54E+04	15,699	100	2	2	0.95	0.64	2757.0	38.71
Beta	0.2044	Tc-99	3975-02	17,700	8/21/2012	2.11E+05	17,700	1000	2	2	106.30	6.54	2218.6	36.85

Date	Daily Bkg Counts		Daily Check Source Counts		Daily Bkg Rate (cpm)		Net Daily Source Rate (cpm)		Bkg QC Pass/Fail		Source QC Pass/Fail				α MDA OK?	β MDA OK?	H.P. Technician	Technician Initials
	Alpha	Beta	Alpha	Beta	Alpha	Beta	Alpha	Beta	Alpha	Beta	Alpha	Beta	MDA α (dpm)	MDA β (dpm)				
3/9/2020	4	232	5534	4631	2.0	116.0	2765.0	2199.5	PASS	PASS	PASS	PASS	59.84	181	Yes	Yes		KR
3/9/2020	0	219	5529	4525	0.0	109.5	2764.5	2153.0	PASS	PASS	PASS	PASS	14.59	176	Yes	Yes		KR
3/10/2020	1	242	5543	4660	0.5	121.0	2771.0	2209.0	PASS	PASS	PASS	PASS	37.21	184	Yes	Yes		KR
3/10/2020	3	208	5510	4633	1.5	104.0	2753.5	2212.5	PASS	PASS	PASS	PASS	53.78	171	Yes	Yes		KR
3/11/2020	2	229	5626	4663	1.0	114.5	2812.0	2217.0	PASS	PASS	PASS	PASS	46.59	180	Yes	Yes		KR
3/11/2020	2	202	5508	4546	1.0	101.0	2753.0	2172.0	PASS	PASS	PASS	PASS	46.59	169	Yes	Yes		KR
3/12/2020	1	257	5615	4825	0.5	128.5	2807.0	2284.0	PASS	QUESTION	PASS	PASS	37.21	190	Yes	Yes		KR
3/12/2020	1	249	5615	4825	0.5	124.5	2807.0	2288.0	PASS	PASS	PASS	PASS	37.21	187	Yes	Yes		KR
3/12/2020	2	237	5418	4702	1.0	118.5	2708.0	2232.5	PASS	PASS	PASS	PASS	46.59	183	Yes	Yes		KR
3/13/2020	1	226	5446	4783	0.5	113.0	2722.5	2278.5	PASS	PASS	PASS	PASS	37.21	178	Yes	Yes		KR
3/13/2020	2	198	5467	4643	1.0	99.0	2732.5	2222.5	PASS	PASS	PASS	PASS	46.59	167	Yes	Yes		KR

HP Technician Signature:

Supervisor Signature:

Ludlum
2360/43-93

Initial Background and Source Counts for Control Chart								
	Initial bkg counts				Initial source plus bkg counts			
#	Alpha	cpm	Beta	cpm	Alpha	cpm	Beta	cpm
1	1	0.5	233	116.5	5596	2798	4635	2317.5
2	2	1	220	110	5502	2751	4661	2330.5
3	3	1.5	217	108.5	5482	2741	4707	2353.5
4	0	0	192	96	5524	2762	4652	2326
5	2	1	210	105	5548	2774	4710	2355
6	2	1	212	106	5540	2770	4622	2311
7	3	1.5	204	102	5391	2695.5	4731	2365.5
8	2	1	231	115.5	5414	2707	4624	2312
9	0	0	199	99.5	5509	2754.5	4469	2234.5
10	4	2	208	104	5652	2826	4686	2343
Mean		0.95		106.3		2757.9		2324.9
$S_{(n-1)}$		0.64		6.54		38.73		37.00
Zero		0.00		53.15		2206.32		1859.88
+99% CV		6.36		133.03		3309.48		2789.82
Zero		0.00		79.73		2233.90		1883.13
+95% CV		4.21		124.65		3281.90		2766.57
					Mean-bkg	2757.0		2218.6
					$S_{(n-1)}$	38.71		36.85
				Mean-bkg	-3 sigma	2640.82		2108.00
				Mean-bkg	+3 sigma	2873.08		2329.10
				Mean-bkg	-2 sigma	2679.53		2144.85
				Mean-bkg	+2 sigma	2834.37		2292.25

HP Technician Signature:

Supervisor Signature:

Appendix E

Counting Instrument:	Ludlum 2360	Detector:	43-37	Calibration Date:	2/28/2020
Serial #:	220242	Serial #:	PR124946	12 month calibration:	OK

Detector Active Area or Area Covered by Smear (cm^2): 584

	Efficiency (fraction)	Source Nuclide	Source Number	Original Source Activity (DPM)	Source Creation Date	$T_{1/2}$ (yr)	Source Decayed Activity	Required MDA (DPM/100cm^2)	Control Chart & Daily Bkg Count Time	Control Chart & Daily Source-Sample Count Time	Control Chart bkg Average α/β cpm	Control Chart bkg 1 sigma, cpm	Control Chart Source-bkg Average α/β cpm	Control Chart source 1 sigma, cpm
Alpha	0.0757	Th-230	3973-02	15,700	8/21/2012	7.54E+04	15,699	100	2	2	5.75	1.38	2393.6	36.06
Beta	0.1930	Tc-99	3975-02	17,700	8/21/2012	2.11E+05	17,700	1000	2	2	763.05	30.94	3590.1	52.99

Date	Daily Bkg Counts		Daily Check Source Counts		Daily Bkg Rate (cpm)		Net Daily Source Rate (cpm)		Bkg QC Pass/Fail		Source QC Pass/Fail				α MDA	β MDA	H.P.	Technician
	Alpha	Beta	Alpha	Beta	Alpha	Beta	Alpha	Beta	Alpha	Beta	Alpha	Beta	MDA α (dpm)	MDA β (dpm)	OK?	OK?	Technician	Initials
3/9/2020	16	1474	4822	8874	8.0	737.0	2403.0	3700.0	PASS	PASS	PASS	PASS	24.53	81	Yes	Yes		BB
3/9/2020	10	1492	4769	8665	5.0	746.0	2379.5	3586.5	PASS	PASS	PASS	PASS	20.10	81	Yes	Yes		BB
3/10/2020	13	1534	4909	8719	6.5	767.0	2448.0	3592.5	PASS	PASS	PASS	PASS	22.44	82	Yes	Yes		BB/KR
3/10/2020	19	1566	5158	8424	9.5	783.0	2569.5	3429.0	PASS	PASS	PASS	PASS	26.42	83	Yes	Yes		BB/KR
3/11/2020	13	1519	4848	8750	6.5	759.5	2417.5	3615.5	PASS	PASS	PASS	PASS	22.44	82	Yes	Yes		BB/KR
3/11/2020	19	1591	4816	8519	9.5	795.5	2398.5	3464.0	PASS	PASS	PASS	PASS	26.42	84	Yes	Yes		BB/KR
3/13/2020	10	1556	4975	8780	5.0	778.0	2482.5	3612.0	PASS	PASS	PASS	PASS	20.10	83	Yes	Yes		BB/KR
3/13/2020	13	1531	5087	8683	6.5	765.5	2537.0	3576.0	PASS	PASS	PASS	PASS	22.44	82	Yes	Yes		BB/KR

HP Technician Signature:

Supervisor Signature:

Ludlum
2360/43-37

Initial Background and Source Counts for Control Chart								
	Initial bkg counts				Initial source plus bkg counts			
#	Alpha	cpm	Beta	cpm	Alpha	cpm	Beta	cpm
1	13.00	6.5	1465.00	732.5	4755	2377.5	8829	4414.5
2	12.00	6	1429.00	714.5	4810	2405	8712	4356
3	10.00	5	1490.00	745	4784	2392	8646	4323
4	8.00	4	1479.00	739.5	4724	2362	8678	4339
5	10.00	5	1594.00	797	4838	2419	8728	4364
6	14.00	7	1513.00	756.5	4854	2427	8631	4315.5
7	7.00	3.5	1576.00	788	4792	2396	8835	4417.5
8	13.00	6.5	1519.00	759.5	4666	2333	8735	4367.5
9	16.00	8	1590.00	795	4840	2420	8607	4303.5
10	12.00	6	1606.00	803	4924	2462	8661	4330.5
Mean	11.50	5.75	1526.1	763.1		2399.4		4353.1
$S_{(n-1)}$		1.38		30.94		36.32		39.07
Zero		0.00		381.53	-20%	1919.48		3482.48
99% CV		14.22		830.02	+20%	2879.22		5223.72
Zero		0.00		572.29	-19%	1943.47		3526.01
95% CV		11.18		809.86	+19%	2855.23		5180.19
					Mean-bkg	2393.6		3590.1
					$S_{(n-1)}$	36.06		52.99
				Mean-bkg	-20%	1914.88		2872.04
				Mean-bkg	+20%	2872.32		4308.06
				Mean-bkg	-19%	1938.82		2907.94
				Mean-bkg	+19%	2848.38		4272.16

HP Technician Signature:

Supervisor Signature:

Appendix E

Counting Instrument:	Ludlum 2360	Detector:	43-37	Calibration Date:	11/11/2019
Serial #:	275739	Serial #:	PR302114	12 month calibration:	OK

Detector Active Area or Area Covered by Smear (cm^2): 584

	Efficiency (fraction)	Source Nuclide	Source Number	Original Source Activity (DPM)	Source Creation Date	$T_{1/2}$ (yr)	Source Decayed Activity	Required MDA ($DPM/100cm^2$)	Control Chart & Daily Bkg Count Time	Control Chart & Daily Source-Sample Count Time	Control Chart bkg Average α/β cpm	Control Chart bkg 1 sigma, cpm	Control Chart Source-bkg Average α/β cpm	Control Chart source 1 sigma, cpm
Alpha	0.0760	Th-230	M6-837	5,521	6/16/2015	7.54E+04	5,521	100	2	2	5.40	1.05	829.3	22.86
Beta	0.1970	Tc-99	M6-836	5,976	6/16/2015	2.11E+05	5,976	1000	2	2	770.15	27.99	798.3	13.25

Date	Daily Bkg Counts		Daily Check Source Counts		Daily Bkg Rate (cpm)		Net Daily Source Rate (cpm)		Bkg QC Pass/Fail		Source QC Pass/Fail				α MDA OK?	β MDA OK?	H.P. Technician	Technician Initials
	Alpha	Beta	Alpha	Beta	Alpha	Beta	Alpha	Beta	Alpha	Beta	Alpha	Beta	MDA α (dpm)	MDA β (dpm)				
11/13/2019	10	1569	1558	3114	5.0	784.5	774.0	772.5	PASS	PASS	PASS	PASS	20.02	82	Yes	Yes		BB/DL
11/14/2019	5	1517	1572	3116	2.5	758.5	783.5	799.5	PASS	PASS	PASS	PASS	15.15	80	Yes	Yes		DA/DL
11/14/2019	19	1556	1560	3016	9.5	778.0	770.5	730.0	PASS	PASS	PASS	PASS	26.32	81	Yes	Yes		BB/DL
11/15/2019	7	1495	1606	3095	3.5	747.5	799.5	800.0	PASS	PASS	PASS	PASS	17.31	80	Yes	Yes		DA/DL
11/15/2019	17	1573	1453	2956	8.5	786.5	718.0	691.5	PASS	PASS	PASS	PASS	25.08	82	Yes	Yes		DA/DL
11/18/2019	11	1571	1378	3175	5.5	785.5	683.5	802.0	PASS	PASS	PASS	PASS	20.83	82	Yes	Yes		DA/DL
11/18/2019	20	1623	1687	3141	10.0	811.5	833.5	759.0	PASS	PASS	PASS	PASS	26.91	83	Yes	Yes		DL/DA
11/19/2019	8	1539	1664	3218	4.0	769.5	828.0	839.5	PASS	PASS	PASS	PASS	18.27	81	Yes	Yes		DA
11/19/2019	14	1565	1442	3010	7.0	782.5	714.0	722.5	PASS	PASS	PASS	PASS	23.07	82	Yes	Yes		DL
11/20/2019	12	1588	1409	3082	6.0	794.0	698.5	747.0	PASS	PASS	PASS	PASS	21.61	82	Yes	Yes		DA
11/20/2019	19	1632	1625	3036	9.5	816.0	803.0	702.0	PASS	PASS	PASS	PASS	26.32	83	Yes	Yes		DA
11/21/2019	20	1607	1550	3163	10.0	803.5	765.0	778.0	PASS	PASS	PASS	PASS	26.91	83	Yes	Yes		DA
11/21/2019	14	1631	1551	3171	7.0	815.5	768.5	770.0	PASS	PASS	PASS	PASS	23.07	83	Yes	Yes		DA

HP Technician Signature:

Supervisor Signature:

Counting Instrument:	Ludlum 2360	Detector:	43-37
Serial #:	275739	Serial #:	PR302114

Initial Background and Source Counts for Control Chart

#	Initial bkg counts				Initial source plus bkg counts			
	Alpha	cpm	Beta	cpm	Alpha	cpm	Beta	cpm
1	12.00	6	1420.00	710	1633	816.5	3073	1536.5
2	8.00	4	1539.00	769.5	1674	837	3131	1565.5
3	12.00	6	1506.00	753	1597	798.5	3079	1539.5
4	13.00	6.5	1565.00	782.5	1701	850.5	3152	1576
5	9.00	4.5	1503.00	751.5	1733	866.5	3134	1567
6	12.00	6	1591.00	795.5	1676	838	3183	1591.5
7	10.00	5	1559.00	779.5	1643	821.5	3148	1574
8	14.00	7	1622.00	811	1744	872	3203	1601.5
9	8.00	4	1529.00	764.5	1651	825.5	3131	1565.5
10	10.00	5	1569.00	784.5	1641	820.5	3135	1567.5
Mean	10.80	5.40	1540.3	770.2		834.7		1568.5
$S_{(n-1)}$		1.05		27.99		23.02		19.97
Zero		0.00		350.00	-20%	667.72		1254.76
99% CV		70.00		1160.00	+20%	1001.58		1882.14
Zero		0.00		600.00	-19%	676.07		1270.44
95% CV		10.00		850.00	+19%	993.23		1866.46
					Mean-bkg	829.3		798.3
					$S_{(n-1)}$	22.86		13.25
				Mean-bkg	-20%	663.40		638.64
				Mean-bkg	+20%	995.10		957.96
				Mean-bkg	-19%	671.69		646.62
				Mean-bkg	+19%	986.81		949.98

HP Technician Signature:

Supervisor Signature:

Designer and Manufacturer of Scientific and Industrial Instruments

www.ludlums.com

CERTIFICATE OF CALIBRATION

LUDLUM MEASUREMENTS, INC.
501 Oak Street
325-235-5494
Sweetwater, TX 79556, U.S.A.

ACCREDITED
CERT # 4084.01

Customer CABRERA SERVICES ORDER NO. 20349840/474802

Mfg. Ludlum Measurements, Inc. Model 2929 Serial No. 155527

Mfg. Ludlum Measurements, Inc. Model 43-10-1 Serial No. PR157789

Cal. Date 20-Feb-19 Cal Due Date 20-Feb-20 Cal. Interval 1 Year Meterface 202-014

Check mark ☑ applies to applicable instr. and/or detector IAW mfg. spec. T. 73 °F RH 48 % Alt 888.0 mm Hg

☐ New instrument Instrument Received ☑ Within Toler. +-10% ☐ 10-20% ☐ Out of Tol. ☐ Requiring Repair ☐ Other-See comments

☑ Mechanical ck ☑ Window Operation

☑ Audio ck.

☑ Meter Zeroed Alpha Sensitivity 175 mV Beta Sensitivity 4 mV Beta Window 50 mV

☑ Calibrated in accordance with LMI SOP 14.8 ☐ Calibrated in accordance with LMI SOP 14.9

Instrument Volt Set 750 V = 3.05 on High Voltage dial. High Voltage set with detector connected.

☑ HV Readout (2 points) Ref./inst. 500 / 502 V Ref./inst. 2000 / 2002 V

COMMENTS:
Tc99 SN:5280,Size:93200dpm, Counts:35624cpm, Background:63cpm, 4pi Eff:38.15%
Th230 SNE121495 Size:19800dpm, Counts:6554cpm, Background:1cpm, 4pi Eff:33.09%

Gamma Calibration: GM detectors positioned perpendicular to source except for M 44-9 in which the front of probe faces source.

Alpha Channel Digital Readout	REFERENCE CAL POINT	INSTRUMENT RECEIVED	INSTRUMENT METER READING*
	400K cpm	39962 (0)	39962 (0)
	40K cpm	3996	3996
	4K cpm	399	399
	400 cpm	40	40
	40 cpm	4	4

Beta/Gamma Channel Digital Readout	REFERENCE CAL POINT	INSTRUMENT RECEIVED	INSTRUMENT METER READING*
	400K cpm	39958 (0)	39958 (0)
	40K cpm	3996	3996
	4K cpm	399	399
	400 cpm	40	40
	40 cpm	4	4

*Uncertainty within ± 10%. C.F. within ± 20%

Ludlum Measurements, Inc. certifies that the above instrument has been calibrated by standards traceable to the National Institute of Standards and Technology, or to the calibration facilities of other International Standards Organization members, or have been derived from accepted values of natural physical constants or have been derived by the ratio type of calibration techniques. The calibration system conforms to the requirements of ANSI/NCSL Z540-1-1994 and ANSI N323-1978 ISO/IE 17025:2005(E) State of Texas Calibration License No. LO-1963

Reference Instruments and/or Sources: Cs-137 S/N: ☐ 059 ☐ 2171CP ☐ 2261CP ☐ 726 ☐ 734 ☐ 781 ☐ 1131 ☐ 1516 ☐ 1696 ☐ 1909 ☐ 1916CP ☐ 2324/2521 ☐ 5717CO ☐ 5719CO ☐ 90646 ☐ 70897 ☐ 70410 ☐ E552 ☐ G112 ☐ 2168CP ☐ S-394 ☐ S-1054 ☐ T10091 ☐ T10082 Neutron Am-241 Be ☐ T-304 Ra-226 ☐ T992

☑ Alpha S/N Pu239 SN:7053 ☑ Beta S/N Tc99 SN:5280,C14 SN:1476 ☐ Other

☑ m 500 S/N 190586 ☐ Oscilloscope S/N ☑ Multimeter S/N 86250390

Calibrator Jason Flores Title Calibrator Date 20-Feb-19

QC'd By Title Final QC Date 20 Feb 19

This certificate shall not be reproduced except in full, without the written approval of Ludlum Measurements, Inc.

FORM C25 10/03/2017 Page 1 of 2

AC Inst. Only ☑ Passed Dielectric (Hi-Pot) and Continuity Test ☐ Failed:

www.ludlums.com

Designer and Manufacturer of Scientific and Industrial Instruments

LUDLUM MEASUREMENTS, INC.
501 Oak Street
325-235-5494
Sweetwater, TX 79556, U.S.A.

ACCREDITED
CERT # 4084.01

Bench Test Data For Detector

Customer CABRERA SERVICES ORDER NO. 20349840/474802

Detector 43-10-1 Serial No. PR157789

Counter 2929 Serial No. 155577

Count Time 1Minute

Other

Alpha Input Sensitivity 125 mV

Beta Input Sensitivity 4 mV

Beta Window 50 mV

Distance Source to Detector TRAY

High Voltage	Background Alpha	Background Beta	Isotope Po239 Size 2490cpm Alpha	Isotope Po239 Size 2490cpm Beta	Isotope Tc99 Size 93200cpm Alpha	Isotope Tc99 Size 93200cpm Beta	Isotope C14 Size 229762cpm Alpha	Isotope C14 Size 229762cpm Beta
675	0	49	9212	347	24	29491	1	12300
700	0	43	9612	401	31	32032	0	14588
725	1	47	9877	457	32	33785	0	16991
750	1	63	10136	494	43	35624	0	18775
775	1	64	10168	652	36	37173	0	20789
800	1	70	10400	1137	40	37465	0	23209
825	3	69	10479	2273	36	36030	0	25507

☐ Gas Proportional detector count rate decreased ≤ 10% after 15 hour static test using 39" cable.

☐ Gas proportional detector count rate decreased ≤ 10% after 5 hour static test using 39" cable and alpha/beta counter.

Signature Jason Flores Date 20-Feb-19

FORM C46 09/15/2017 Page 2 of 2

Serving The Nuclear Industry Since 1962

ERG

Certificate of Calibration

Calibration and Voltage Plateau

Environmental Restoration Group, Inc.
8809 Washington St NE, Suite 130
Albuquerque, NM 87113
(505) 298-4224
www.ERGoffice.com

Meter: Manufacturer: Ludlum Model Number: 2360 Serial Number: 215271

Detector: Manufacturer: Ludlum Model Number: 43-37 Serial Number: PR216985

☑ Mechanical Check ☑ THR/WIN Operation HV Check (+/- 2.5%): ☑ 500 V ☑ 1000 V ☑ 1500 V
☐ F/S Response Check ☑ Reset Check Cable Length: ☐ 39-inch ☐ 72-inch ☑ Other: 60"
☑ Geotropism ☑ Audio Check
☑ Meter Zeroed ☑ Battery Check (Min 4.4 VDC)

Alpha Threshold: 100 mV Barometric Pressure: 24.39 inches Hg
Beta Threshold: 4 Temperature: 72 °F
Beta Window: 40 mV Relative Humidity 20 %

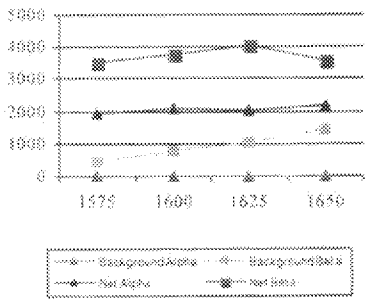
Source Distance: ☑ Contact ☐ 6 inches ☐ Other:
Source Geometry: ☐ Side ☑ Below ☐ Other:

Instrument found within tolerance: ☑ Yes ☐ No

Range/Multiplier	Reference Setting	"As Found Reading"	Meter Reading	Integrated 1-Min. Count α	Integrated 1-Min. Count β
x 1000	400 Kcpm	400	400	398989	398993
x 1000	100 Kcpm	100	100		
x 100	40 Kcpm	400	400	39912	39913
x 100	10 Kcpm	100	100		
x 10	4 Kcpm	400	400	3993	3993
x 10	1 Kcpm	100	100		
x 1	400 cpm	400	400	400	399
x 1	100 cpm	100	100		

High Voltage	Alpha Source α	Alpha Source β	Beta Source α	Beta Source β	Background α	Background β
1575	1919	1440	8	3989	6	470
1600	2069	1616	13	4545	13	795
1625	2047	1924	21	5114	13	1060
1650	2185	2154	39	4987	17	1444

Voltage Plateau



Comments: HV Plateau Scaler Count Time = 1 min. Recommended HV = 1600 @ 5200'

Reference Instruments and/or Sources:

Ludlum pulser serial number: ☐ 97743 ☑ 201932 Fluke multimeter serial number ☑ 87490128

☑ Alpha Source: Th-230 sn: 4098-03@12,800dpm/6,520cpm(1/4/12) ☐ Gamma Source Cs-137 @ 5.2 uCi (1/4/12) sn: 4097-03
☑ Beta Source: Sr-90 sn: 4099-03@17,700dpm/11,100cpm(1/4/12) ☐ Other Source:

Calibrated By: [signature] Calibration Date: 3/4/19 Calibration Due: 3/4/20

Reviewed By: [signature] Date: 6 March 2019

ERG Form ITC-101.C

This calibration conforms to the requirements and applicable calibration conditions of ANSI N323A-1997

ERG

Certificate of Calibration

Calibration and Voltage Plateau

Environmental Restoration Group, Inc.
8809 Washington St NE, Suite 150
Albuquerque, NM 87113
(505) 298-4224
www.ERGoffice.com

Meter: Manufacturer: Ludlum Model Number: 2360 Serial Number: 184909

Detector: Manufacturer: Ludlum Model Number: 43-93 Serial Number: PR199841

☑ Mechanical Check ☑ THR/WIN Operation HV Check (+/- 2.5%): ☑ 500 V ☑ 1000 V ☑ 1500 V
☐ F/S Response Check ☑ Reset Check Cable Length: ☑ 39-inch ☐ 72-inch ☐ Other:
☑ Geotropism ☑ Audio Check
☑ Meter Zeroed ☑ Battery Check (Min 4.4 VDC)

Alpha Threshold: 120 mV Barometric Pressure: 24.19 inches Hg
Beta Threshold: 4 Temperature: 75 °F
Beta Window: 30 mV Relative Humidity 20 %

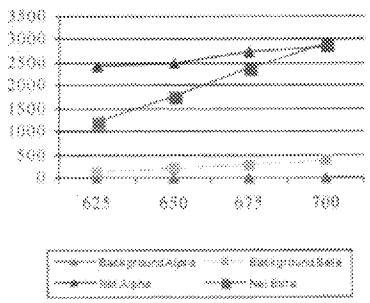
Source Distance: ☑ Contact ☐ 6 inches ☐ Other:
Source Geometry: ☐ Side ☑ Below ☐ Other:

Instrument found within tolerance: ☑ Yes ☐ No

Range/Multiplier	Reference Setting	"As Found Reading"	Meter Reading	Integrated 1-Min. Count α	Integrated 1-Min. Count β
x 1000	400 Kcpm	400	400	399665	399829
x 1000	100 Kcpm	100	100		
x 100	40 Kcpm	400	400	40018	39894
x 100	10 Kcpm	100	100		
x 10	4 Kcpm	400	400	3991	3992
x 10	1 Kcpm	100	100		
x 1	400 cpm	400	400	399	399
x 1	100 cpm	100	100		

High Voltage	Alpha Source α	Alpha Source β	Beta Source α	Beta Source β	Background α	Background β
625	2418	356	15	1341	2	122
650	2512	431	18	1952	11	199
675	2732	534	34	2651	1	277
700	2838	742	19	3276	7	364

Voltage Plateau



Comments: HV Plateau Scaler Count Time = 1 min. Recommended HV = 675

Reference Instruments and/or Sources:

Ludlum pulser serial number: ☐ 97743 ☑ 201932 Fluke multimeter serial number ☑ 87490128

☑ Alpha Source: Th-230 sn: 4098-03@12,800dpm/6,520cpm(1/4/12) ☐ Gamma Source Cs-137 @ 5.2 uCi (1/4/12) sn: 4097-03
☑ Beta Source: [illegible] sn: 4099-03@17,700dpm/11,100cpm(1/4/12) ☐ Other Source:

Calibrated By: Calibration Date: 2/14/19 Calibration Due: 2/14/20

Reviewed By: Date: 2/20/19

ERG Form ITC-101.C

This calibration conforms to the recommended and acceptable calibration practices of ANSI N323A-1997

ERG

Certificate of Calibration

Calibration and Voltage Plateau

Environmental Restoration Group, Inc.
8809 Washington St NE, Suite 150
Albuquerque, NM 87113
(505) 298-4224
www.ERGoffice.com

Meter: Manufacturer: Ludlum Model Number: 2221r Serial Number: 176952

Detector: Manufacturer: Ludlum Model Number: 44-20 Serial Number: PR262403

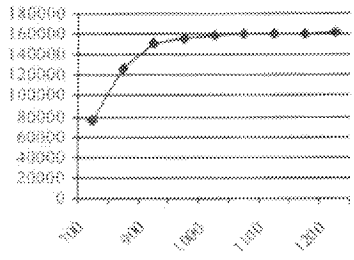
☑ Mechanical Check ☑ THR/WIN Operation HV Check (+/- 2.5%): ☑ 500 V ☑ 1000 V ☑ 1500 V
☑ F/S Response Check ☑ Reset Check Cable Length: ☐ 39-inch ☐ 72-inch ☑ Other: 25'
☑ Geotropism ☑ Audio Check
☑ Meter Zeroed ☑ Battery Check (Min 4.4 VDC) Barometric Pressure: 24.16 inches Hg
Source Distance: ☐ Contact ☑ 6 inches ☐ Other: Threshold: 10 mV Temperature: 71 °F
Source Geometry: ☑ Side ☐ Below ☐ Other: Window: Relative Humidity: 20 %

Instrument found within tolerance: ☑ Yes ☐ No

Range/Multiplier	Reference Setting	"As Found Reading"	Meter Reading	Integrated 1-Min. Count	Log Scale Count
x 1000	400	400	400	400413	400
x 1000	100	100	100		100
x 100	400	400	400	40042	400
x 100	100	100	100		100
x 10	400	400	400	4003	400
x 10	100	100	100		100
x 1	400	400	400	400	400
x 1	100	100	100		100

High Voltage	Source Counts	Background
700	75750	
800	127084	
900	151436	
950	155815	
1000	157932	
1050	159456	
1100	159758	22738
1150	160733	
1200	160969	

Voltage Plateau



Comments: Scaler count time 1min. Recommended HV = 1100

Reference Instruments and/or Sources:

Ludlum pulser serial number: ☐ 97743 ☑ 201932 Fluke multimeter serial number: ☐ 87490128
☐ Alpha Source: Th-230 sn: 4098-03@12,800dpm/6,520 cpm (1/4/12) ☑ Gamma Source Cs-137 @ 5.2 uCi (1/4/12) sn: 4097-03
☐ Beta Source: Sr-90 sn: 4099-03@17,700dpm/11,100cpm(1/4/12) ☐ Other Source:

Calibrated By: Calibration Date: 5/21/19 Calibration Due: 5/21/20

Reviewed By: TJK Date: 05/21/19

ERG Form ITC-101.A

This calibration conforms to the requirements and acceptable calibration conditions of ANSI N323A - 1997

Designer and Manufacturer of Scientific and Industrial Instruments

www.ludlums.com

CERTIFICATE OF CALIBRATION

LUDLUM MEASUREMENTS, INC.
501 Oak Street
325-235-5494
Sweetwater, TX 79556, U.S.A.

ACCREDITED
CERT # 4084.01

Customer: ERG ORDER NO. 20344653/471403

Mfg: Ludlum Measurements, Inc. Model 19 Serial No. 104596

Mfg: Model Serial No.

Cal. Date 21-Nov-18 Cal Due Date 21-Nov-19 Cal. Interval 1 Year Meterface 202-015

Check mark ✓ applies to applicable instr. and/or detector IAW mfg. spec. T. 72 °F RH 24 % AB 712.0 mm Hg

☐ New Instrument Instrument Received ☑ Within Toler. +-10% ☐ 10-20% ☐ Out of Tol. ☐ Requiring Repair ☐ Other-See comments

☑ Mechanical ck ☑ Meter Zeroed ☐ Background Subtract ☐ Input Sens. Linearity
☑ F/S Resp. ck ☑ Reset ck. ☐ Window Operation ☑ Geotropism
☑ Audio ck. ☐ Alarm Setting ck. ☑ Batt. ck.
☐ Calibrated in accordance with LMI SOP 14.8 ☑ Calibrated in accordance with LMI SOP 14.9

Instrument Volt Set 700 V Input Sens. 32 mV Det. Oper. V at mV Threshold Dial Ratio mV =

☐ HV Readout (2 points) Ref./Inst. / V Ref./Inst. / V

COMMENTS:

Gamma Calibration: GM detectors positioned perpendicular to source except for M 44-9 in which the front of probe faces source.

RANGE/MULTIPLIER	REFERENCE CAL. POINT	INSTRUMENT REC'D "AS FOUND READING"	INSTRUMENT METER READING*
5000	4000 µR/hr	4000	4000
5000	1000 µR/hr	1000	1000
500	400 µR/hr = 71200 cpm	400	400
500	100 µR/hr	100	100
250	200 µR/hr = 35600 cpm	200	200
250	100 µR/hr	100	100
50	7120 cpm	40	40
50	1780 cpm	10	10
25	3560 cpm	20	20
25	890 cpm	5	5

*Uncertainty within ± 10% C.F. within ± 20% 50, 25 Range(s) Calibrated Electronically

	REFERENCE CAL. POINT	INSTRUMENT RECEIVED	INSTRUMENT METER READING*		REFERENCE CAL. POINT	INSTRUMENT RECEIVED	INSTRUMENT METER READING*
Digital Readout				Log Scale			

Ludlum Measurements, Inc. certifies that the above instrument has been calibrated by standards traceable to the National Institute of Standards and Technology, or to the calibration facilities of other International Standards Organization members, or have been derived from accepted values of natural physical constants or have been derived by the ratio type of calibration techniques. The calibration system conforms to the requirements of ANSI/NCSL Z540-1-1994 and ANSI N323-1978. ISO/IE 17025:2005(E) State of Texas Calibration License No. LO-1963

Reference Instruments and/or Sources: 60-137 S/N ☐ 399 ☐ 2171CP ☐ 2251CP ☐ 709 ☐ 794 ☐ 781 ☐ 1141 ☐ 1616 ☐ 1698 ☐ 1906 ☐ 1919CP ☐ 2324/2521
☐ 87/TC6 ☐ 5/1930 ☐ 60648 ☐ 70667 ☐ 75410 ☐ 8862 ☐ 8112 ☑ 2168CP ☐ 8-394 ☐ 8-1054 ☐ T10381 ☐ T10382 Neutron Am-241 Be ☐ T-394 Ra-226 ☐ Y982

☐ Alpha S/N ☐ Beta S/N ☐ Other

☑ m 500 S/N 251106 ☐ Oscilloscope S/N ☑ Multimeter S/N 15060230

Calibrator James McBeth Title Calibrator Date 21NOV18

QC'd By Title Final QC Date

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FORM: C02A 10/03/2017 Page 1 of 1

AC Inst. Only ☐ Passed Dielectric (Hi-Pot) and Continuity Test ☐ Failed

Certificate of Calibration

Calibration and Voltage Plateau

Environmental Restoration Group, Inc.
8809 Washington St NE, Suite 150
Albuquerque, NM 87113
(505) 298-4224
www.ERGoffice.com

Meter:	Manufacturer:	Ludlum	Model Number:	2360	Serial Number:	278586
Detector:	Manufacturer:	Ludlum	Model Number:	43-37	Serial Number:	PR178371

- [x] Mechanical Check
- [ ] F/S Response Check
- [x] Geotropism
- [x] Meter Zeroed
- [x] THR/WIN Operation
- [x] Reset Check
- [x] Audio Check
- [x] Battery Check (Min 4.4 VDC)

HV Check (+/- 2.5%): [x] 500 V [x] 1000 V [x] 1500 V

Cable Length: [ ] 39-inch [ ] 72-inch [x] Other: 60"

Source Distance: [x] Contact [ ] 6 inches [ ] Other:

Source Geometry: [ ] Side [x] Below [ ] Other:

Alpha Threshold: 100 mV
Beta Threshold: 4
Beta Window: 40 mV

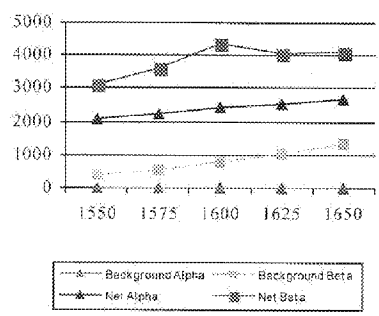
Barometric Pressure: 24.75 inches Hg
Temperature: 72 °F
Relative Humidity 20 %

Instrument found within tolerance: [x] Yes [ ] No

Range/Multiplier	Reference Setting	"As Found Reading"	Meter Reading	Integrated 1-Min. Count α	Integrated 1-Min. Count β
x 1000	400 Kcpm	400	400	400116	400139
x 1000	100 Kcpm	100	100		
x 100	40 Kcpm	400	400	39993	40026
x 100	10 Kcpm	100	100		
x 10	4 Kcpm	400	400	4003	4003
x 10	1 Kcpm	100	100		
x 1	400 cpm	400	400	401	400
x 1	100 cpm	100	100		

High Voltage	Alpha Source α	Alpha Source β	Beta Source α	Beta Source β	Background α	Background β
1550	2092	1242	14	3512	10	399
1575	2257	1460	21	4141	12	524
1600	2448	1715	13	5141	16	806
1625	2533	1937	19	5108	16	1024
1650	2702	2099	29	5434	13	1312

Voltage Plateau



Comments: HV Plateau Scaler Count Time = 1 min. Recommended HV = 1600 @5200'. Per "the Ludlum report 1999" (-) 25 volts per (+) 1000' in altitude over 2160' (ERG is @ 5200' so (+)25 volts per (-) 1000' in altitude)

Reference Instruments and/or Sources:

Ludlum pulser serial number: [ ] 97743 [x] 201932

Fluke multimeter serial number [x] 87490128

[x] Alpha Source: Th-230 sn: 4098-03@12,800dpm/6,520cpm(1/4/12)

[x] Beta Source: Tc-99 sn: 4099-03@17,700dpm/11,100cpm(1/4/12)

[ ] Gamma Source Cs-137 @ 5.2 uCi (1/4/12) sn: 4097-03

[ ] Other Source:

Calibrated By: [signature]

Calibration Date: 8/15/19

Calibration Due: 8/15/20

Reviewed By: T. [signature]

Date: 8/15/19

ERG Form ITC. 101.C

This calibration conforms to the requirements and acceptable calibration conditions of ANSI N323A - 1997

Certificate of Calibration

Calibration and Voltage Plateau

Environmental Restoration Group, Inc.
8809 Washington St NE, Suite 150
Albuquerque, NM 87113
(505) 298-4224
www.ERGoffice.com

Meter:	Manufacturer:	Ludlum	Model Number:	2360	Serial Number:	220263
Detector:	Manufacturer:	Ludlum	Model Number:	43-37	Serial Number:	PR216985

- [x] Mechanical Check
- [ ] F/S Response Check
- [x] Geotropism
- [x] Meter Zeroed
- [x] THR/WIN Operation
- [x] Reset Check
- [x] Audio Check
- [x] Battery Check (Min 4.4 VDC)

HV Check (+/- 2.5%): [x] 500 V [x] 1000 V [x] 1500 V

Cable Length: [ ] 39-inch [ ] 72-inch [x] Other: 60"

Source Distance: [x] Contact [ ] 6 inches [ ] Other:

Source Geometry: [ ] Side [x] Below [ ] Other:

Alpha Threshold: 120 mV
Beta Threshold: 4
Beta Window: 30 mV

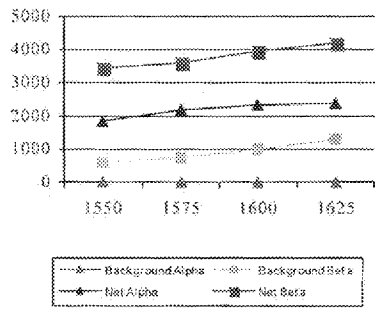
Barometric Pressure: inches Hg
Temperature: °F
Relative Humidity %

Instrument found within tolerance: [x] Yes [ ] No

Range/Multiplier	Reference Setting	"As Found Reading"	Meter Reading	Integrated 1-Min. Count α	Integrated 1-Min. Count β
x 1000	400 Kcpm	400	400	400056	400229
x 1000	100 Kcpm	100	100		
x 100	40 Kcpm	400	400	40045	40058
x 100	10 Kcpm	100	100		
x 10	4 Kcpm	400	400	4007	4008
x 10	1 Kcpm	100	100		
x 1	400 cpm	400	400	401	401
x 1	100 cpm	100	100		

High Voltage	Alpha Source α	Alpha Source β	Beta Source α	Beta Source β	Background α	Background β
1550	1824	1329	13	4042	7	575
1575	2184	1577	9	4360	10	736
1600	2355	1880	25	4978	10	997
1625	2386	2074	25	5484	15	1270

Voltage Plateau



Comments: HV Plateau Scaler Count Time = 1 min. Recommended HV = 1600 Per "the Ludlum report 1999" (-) 25 volts per (+) 1000' in altitude over 2160' (ERG is @ 5200' so (+)25 volts per (-) 1000' in altitude) 1625=4200', 1650=3200', 1675=2200, 1700=1200, 1725=200

Reference Instruments and/or Sources:

Ludlum pulser serial number: [ ] 97743 [x] 201932

Fluke multimeter serial number [x] 87490128

[x] Alpha Source: Th-230 sn: 4098-03@12,800dpm/6,520cpm(1/4/12)

[ ] Gamma Source Cs-137 @ 5.2 uCi (1/4/12) sn: 4097-03

[x] Beta Source: Tc-99 sn: 4099-03@17,700dpm/11,100cpm(1/4/12)

[ ] Other Source:

Calibrated By: [signature] Calibration Date: 9/3/19 Calibration Due: 9/3/20

Reviewed By: [signature] Date: 9/3/19

ERG Form ITC. 101.C

This calibration conforms to the requirements and acceptable calibration conditions of ANSI N323A - 1997

GRIFFIN INSTRUMENTS

CALIBRATION CERTIFICATE FOR 2360 SERIAL# 245779

Owner: GI

DATE: 09/11/19 LOCATION: Griffin Inst

TECH: Joanne Glenn DATE LAST CAL EXPIRES: 10/26/16

Reason For Calibration: (●) Due For Calibration ( ) Repair (See Remarks) ( ) Other (See Remarks) ( ) Due and Repair (See Remarks)

NIST TRACEABLE EQUIPMENT USED DURING CALIBRATION

MODEL: 500-2 SERIAL #: 341331 CAL. DUE: 09/03/20

☑ Audio Response ☑ Geotropism CABLE LENGTH: 6'

CONDITION: Sat AF MECHANICAL ZERO: 0 AL MECHANICAL ZERO: 0

NEW BATTERIES: (●) Yes ( ) No BATTERY CHECK: Sat

HV (+/-10%)	AS FOUND HV	AS LEFT HV	WINDOW SETTINGS:	A.F.	A.L.
500 V:	510	500	BT (3.5 mV +/- 1 mV):	3.5	A.F.
1000 V:	1010	1000	BW (30 mV +/-3 mV):	30	A.F.
1500 V:	1510	1500	AT (120 mV +/-10 mV):	120	A.F.

	RATE METER						SCALER			
SCALE	RATE CPM	AS FOUND		% ERROR	AS LEFT	% ERROR	AS FOUND	% ERROR	AS LEFT	% ERROR
x.1 or x1	100	100		0.0%	A.F.					
	250	250		0.0%	A.F.		249	0.4%	A.F.	
	400	400		0.0%	A.F.					
x1 or x10	1000	1000		0.0%	A.F.					
	2500	2500		0.0%	A.F.					
	4000	4000		0.0%	A.F.					
x10 or x100	10K	10	K	0.0%	A.F.					
	25K	25	K	0.0%	A.F.					
	40K	40	K	0.0%	A.F.					
x100 or x1000	100K	100	K	0.0%	A.F.					
	250K	250	K	0.0%	A.F.					
	400K	400	K	0.0%	A.F.					

Is the As Found Data Within 20% of the Set Point?: (●) Yes ( ) No

Overload Light: ( ) Adjusted / Verified (●) Not Adj.

REMARKS:

Does Instrument Meet Final Acceptance Criteria?: (●) Yes ( ) No

Calibration Sticker Attached?: (●) Yes ( ) No

Date Instrument is Due For Next Calibration: 09/11/20

INSTRUMENT MARRIED WITH 43-37 #PR190618

Performed/Reviewed by: Joanne Glenn Date: 9/11/2019 Entered by: ____Initials

1 Calibrations performed to ANSI N323A-1997 standards.

GRIFFIN INSTRUMENTS

CALIBRATION CERTIFICATE FOR 43-37 PROBE # PR190618

Owner: GI

DATE: 09/11/19 LOCATION: Griffin Inst
TECH: Joanne Glenn DATE LAST CAL EXPIRES: 10/26/16

REASON FOR CALIBRATION:
(●) Due For Calibration ( ) Repair (See Remarks) ( ) Other (See Remarks) ( ) Due and Repair

CABLE LENGTH: 6' INPUT SENSITIVITY: dual

NIST TRACEABLE EQUIPMENT AND STANDARDS USED DURING CALIBRATION

MODEL: 2360 SERIAL #: 245779 CAL. DUE: 09/11/20

NIST TRACEABLE SOURCES USED

Source Number	Isotope	4 pi Activity	Assay Date	2 pi Activity
P2-149	Tc99 SS	21,949 dpm	02/01/17	12,070 cpm
P2-152	Th230	22,166 dpm	02/01/17	11,190 cpm
2696-00	Pu239	18,500 dpm	12/02/09	9,370 cpm
2697-00	Sr90	12,200 dpm	03/01/00	8,530 cpm
PX-726	C14	48,780 dpm	01/21/08	18,660 cpm

Efficiencies from last cal.:

Condition: (●) Sat ( ) Unsat

Pu:	16.23%	Th:	13.51%	Sr:	27.89%
Tc ss:	22.02%	C14:	13.28%	Tc Ni:	

As Found (AF) Efficiencies:

HV / Vernier:	Tc-99 Source Response Nickel (CPM):			Pu-239 Source Response (CPM):			Background (CPM):		Tc-99 Source Response Stainless Steel (CPM):		
	A ch.	B ch.	Net Eff.	A ch.	B ch.	Net Eff.	A ch.	B ch.	A ch.	B ch.	Net Eff.
1725 / N/A				3163	928	17.20%	1	715	3	5236	20.60%

Net A to B Xtalk: <10%	B to A Xtalk: <1%
6.3%	<1%

	Pu239	Tc99 Ni	Tc99 ss	Th-230	Sr90	C-14
AF CPM:	3163		5236	3609	2981	6848
AF 4 pi eff:	17.20%		20.60%	16.28%	29.70%	12.57%
AF 2 pi eff:	*33.96%*		*37.46%*	*32.24%*	*42.48%*	*32.87%*

Is as found efficiency within 20% of the efficiency from the last cal? (●) Yes ( ) No (See Remarks)

Note: If the as found data is within 10% of the last calibration and the B-A Xtalk is <1% and the A-B Xtalk is <10%, then the technician may N/A the plateau section and go directly to remarks.

1

GRIFFIN INSTRUMENTS

PROBE #: **PR190618**
Date: 09/11/19

PLATEAU AND SET POINT DATA

HV / Vernier:	Tc-99 Source Response SS (CPM):			Pu-239 Source Response (CPM):			Background (CPM):		Net A to B Xtalk: <10%	B to A Xtalk: <1%
	A ch.	B ch.	Net Eff.	A ch.	B ch.	Net Eff.	A ch.	B ch.		
1550	0	2311	10.1%	522	357	2.8%	1	103	32.7%	<1%
1600	1	3376	14.5%	1559	419	8.4%	1	204	12.1%	<1%
1650	3	4179	17.8%	2161	494	11.7%	4	280	9.0%	<1%
1700	1	5272	21.5%	2767	694	15.0%	1	543	5.2%	<1%
1725	2	5199								<1%
1750	2	5007	19.0%	3244	995	17.5%	3	834	4.7%	<1%

Alpha / Beta Bkg (cpm) 3 582

HV / Vernier		Pu-239	Tc-99 Ni	Tc-99 SS	Th-230	C-14	Sr-90
1700 / N/A	CPM:	2841		5231	3220	7190	2757
	4 pi AL Efficiencies:	**15.34%**		**21.18%**	**14.51%**	**13.55%**	**28.51%**
	2 pi AL Efficiencies:	***30.29%***		***38.52%***	***28.75%***	***35.41%***	***40.78%***

REMARKS:

Does Instrument Meet Final Acceptance Criteria?: (●) Yes ( ) No

Calibration Sticker Attached?: (●) Yes ( ) No

Date Instrument is Due For Next Calibration: **09/11/20**

INSTRUMENT MARRIED WITH **2360** **#245779**

Performed/Reviewed by: Joanne Glenn **Date:** 9/11/2019 **Entered by:** JP **Initials**

2 pi efficiencies denoted in italics.

Calibrations performed to ANSI N323A-1997 standards.

2

Model 2360 Log Data Date: 09/11/2019 Time: 01:45:55 PM Page: 1

Header 1: Griffin
Header 2: 2360 SN:245779
Header 3: 43-93 PR190618
Header 4:
Header 5:
Header 6:
Location:

Calibration Due Date: 09/11/2020
Model 2360 Date: 09/11/2019
Model 2360 Time: 01:47:01 PM

Logged Samples: 0

User PC Scaler Count Time: 0.1 minutes

Alpha Ratemeter Alarm Setpoint: 999999
Beta Ratemeter Alarm Setpoint: 999999
Alpha + Beta Ratemeter Alarm Setpoint: 999999

Alpha Scaler Alarm Setpoint: 999999
Beta Scaler Alarm Setpoint: 999999
Alpha + Beta Scaler Alarm Setpoint: 999999

GRIFFIN INSTRUMENTS

CALIBRATION CERTIFICATE FOR 2360 SERIAL# 278604

Owner: GI

DATE: 09/11/19 LOCATION: Griffin Inst

TECH: Joanne Glenn DATE LAST CAL EXPIRES: 03/29/19

Reason For Calibration: (●) Due For Calibration ( ) Repair (See Remarks) ( ) Other (See Remarks) ( ) Due and Repair (See Remarks)

NIST TRACEABLE EQUIPMENT USED DURING CALIBRATION

MODEL: 500-2 SERIAL #: 341331 CAL. DUE: 09/03/20

☑ Audio Response ☑ Geotropism CABLE LENGTH: 6'

CONDITION: Sat AF MECHANICAL ZERO: 0 AL MECHANICAL ZERO: 0

NEW BATTERIES: (●) Yes ( ) No BATTERY CHECK: Sat

HV (+/-10%)	AS FOUND HV	AS LEFT HV	WINDOW SETTINGS:	A.F.	A.L.
500 V:	500	A.F.	BT (3.5 mV +/- 1 mV):	3.5	A.F.
1000 V:	1000	A.F.	BW (30 mV +/-3 mV):	30	A.F.
1500 V:	1490	A.F.	AT (120 mV +/-10 mV):	120	A.F.

RATE METER						SCALER			
SCALE	RATE CPM	AS FOUND	% ERROR	AS LEFT	% ERROR	AS FOUND	% ERROR	AS LEFT	% ERROR
x.1 or x1	100	100	0.0%	A.F.					
	250	250	0.0%	A.F.		250	0.0%	A.F.	
	400	400	0.0%	A.F.					
x1 or x10	1000	1000	0.0%	A.F.					
	2500	2500	0.0%	A.F.					
	4000	4000	0.0%	A.F.					
x10 or x100	10K	10 K	0.0%	A.F.					
	25K	25 K	0.0%	A.F.					
	40K	40 K	0.0%	A.F.					
x100 or x1000	100K	100 K	0.0%	A.F.					
	250K	250 K	0.0%	A.F.					
	400K	400 K	0.0%	A.F.					

Is the As Found Data Within 20% of the Set Point?: (●) Yes ( ) No

Overload Light: ( ) Adjusted / Verified (●) Not Adj.

REMARKS:

Does Instrument Meet Final Acceptance Criteria?: (●) Yes ( ) No

Calibration Sticker Attached?: (●) Yes ( ) No

Date Instrument is Due For Next Calibration: 09/11/20

INSTRUMENT MARRIED WITH 43-37 #PR190617

Performed/Reviewed by: Joanne Glenn Date: 9/11/2019 Entered by: JP Initials

1 Calibrations performed to ANSI N323A-1997 standards.

GRIFFIN INSTRUMENTS

CALIBRATION CERTIFICATE FOR 43-37 PROBE # PR190617

Owner: GI

DATE: 09/11/19 LOCATION: Griffin Inst
TECH: Joanne Glenn DATE LAST CAL EXPIRES: 08/21/19

REASON FOR CALIBRATION:
(●) Due For Calibration ( ) Repair (See Remarks) ( ) Other (See Remarks) ( ) Due and Repair

CABLE LENGTH: 6' INPUT SENSITIVITY: dual

NIST TRACEABLE EQUIPMENT AND STANDARDS USED DURING CALIBRATION

MODEL: 2360 SERIAL #: 278604 CAL. DUE: 09/11/20

NIST TRACEABLE SOURCES USED

Source Number	Isotope	4 pi Activity	Assay Date	2 pi Activity
P2-149	Tc99 SS	22,156 dpm	02/01/17	12,070 cpm
P2-152	Th230	22,156 dpm	02/01/17	11,190 cpm
2696-00	Pu239	18,500 dpm	12/02/09	9,370 cpm
2697-00	Sr90	12,200 dpm	03/01/00	8,530 cpm
PX-726	C14	48,780 dpm	01/21/08	18,660 cpm

Efficiencies from last cal.:

Condition: (●) Sat ( ) Unsat

Pu:	16.74%	Th:	14.69%	Sr:	27.62%
Tc ss:	19.47%	C14:	12.26%	Tc Ni:	

As Found (AF) Efficiencies:

HV / Vernier:	Tc-99 Source Response Nickel (CPM):			Pu-239 Source Response (CPM):			Background (CPM):		Tc-99 Source Response Stainless Steel (CPM):		
	A ch.	B ch.	Net Eff.	A ch.	B ch.	Net Eff.	A ch.	B ch.	A ch.	B ch.	Net Eff.
1675 / N/A				2752	705	14.88%	0	434	1	4905	20.37%

Net A to B Xtalk: <10%	B to A Xtalk: <1%
9.0%	<1%

	Pu239	Tc99 Ni	Tc99 ss	Th-230	Sr90	C-14
AF CPM:	2752		4905	3143	2326	7109
AF 4 pi eff:	14.88%		20.37%	14.18%	24.83%	13.68%
AF 2 pi eff:	*29.37%*		*37.04%*	*28.09%*	*35.51%*	*35.77%*

Is as found efficiency within 20% of the efficiency from the last cal? (●) Yes ( ) No (See Remarks)

Note: If the as found data is within 10% of the last calibration and the B-A Xtalk is <1% and the A-B Xtalk is <10%, then the technician may N/A the plateau section and go directly to remarks.

1

GRIFFIN INSTRUMENTS

PROBE #: **PR190617**
Date: 09/11/19

PLATEAU AND SET POINT DATA

HV / Vernier:	Tc-99 Source Response SS (CPM):			Pu-239 Source Response (CPM):			Background (CPM):		Net A to B Xtalk: <10%	B to A Xtalk: <1%
	A ch.	B ch.	Net Eff.	A ch.	B ch.	Net Eff.	A ch.	B ch.		
1600	2	3633	15.6%	1839	369	9.9%	2	214	7.8%	<1%
1650	0	4532	19.1%	2531	567	13.7%	3	345	8.1%	<1%
1700	2	5123	20.3%	3190	871	17.2%	3	668	6.0%	<1%
1725	2	4790								<1%
1750	8	4385								<1%

Alpha / Beta Bkg (cpm) 1 690

HV / Vernier		Pu-239	Tc-99 Ni	Tc-99 SS	Th-230	C-14	Sr-90
1700 / N/A	CPM:	3306		5087	3612	6967	2776
4 pi AL Efficiencies:		**17.86%**		**20.03%**	**16.29%**	**12.87%**	**27.34%**
2 pi AL Efficiencies:		***35.27%***		***36.43%***	***32.27%***	***33.64%***	***39.11%***

REMARKS:

Does Instrument Meet Final Acceptance Criteria?: (●) Yes ( ) No

Calibration Sticker Attached?: (●) Yes ( ) No

Date Instrument is Due For Next Calibration: **09/11/20**

INSTRUMENT MARRIED WITH **2360** **#278604**

Performed/Reviewed by: Joanne Glenn **Date:** 9/11/2019 **Entered by:** _____ **Initials**

2 pi efficiencies denoted in italics.

Calibrations performed to ANSI N323A-1997 standards.

2

Model 2360 Log Data Date: 09/11/2019 Time: 03:49:29 PM Page: 1

Header 1: Griffin Inst.
Header 2: SN: 278604
Header 3: SN:PRI90617
Header 4:
Header 5:
Header 6: Comment
Location: Table 007

Calibration Due Date: 09/11/2020
Model 2360 Date: 09/11/2019
Model 2360 Time: 03:50:02 PM

Logged Samples: 0

User PC Scaler Count Time: 0.1 minutes

Alpha Ratemeter Alarm Setpoint: 999999
Beta Ratemeter Alarm Setpoint: 999999
Alpha + Beta Ratemeter Alarm Setpoint: 999999

Alpha Scaler Alarm Setpoint: 999999
Beta Scaler Alarm Setpoint: 999999
Alpha + Beta Scaler Alarm Setpoint: 999999

ERG

Certificate of Calibration

Calibration and Voltage Plateau

Environmental Restoration Group, Inc.
8809 Washington St NE, Suite 150
Albuquerque, NM 87113
(505) 298-4224
www.ERGoffice.com

Meter/Detector: Manufacturer: Ludlum Model Number: 2929 & 43-10-1 Serial Number: 142654 & PR145340

✔ Mechanical Check ✔ THR/WIN Operation HV Check (+/- 2.5%): ✔ 500 V ✔ 1000 V ✔ 1500 V
F/S Response Check Reset Check Cable Length: ✔ 39-inch 72-inch Other:
Geotropism ✔ Audio Check
Meter Zeroed Battery Check (Min 4.4 VDC) Alpha Threshold: 170 mV Barometric Pressure: 24.54 inches Hg
Source Distance: Contact 6 inches ✔ Other: In Planchett Beta Threshold: 4 mV Temperature: 72 °F
Source Geometry: Side Below ✔ Other: In Planchett Beta Window: 46 mV Relative Humidity: 20 %

Instrument found within tolerance: ✔ Yes No

Range Multiplier	Reference Setting	Integrated 1-Min. Count "As Found" α	Integrated 1-Min. Count "As Found" β	Integrated 1-Min. Count "Reading" α	Integrated 1-Min. Count "Reading" β
X 1000	400 Kcpm	399768	399749	399768	399749
X 100	40 Kcpm	39986	39991	39986	39991
X 10	4 Kcpm	3998	3999	3998	3999
X 1	400 cpm	400	400	400	400

High Voltage	Pot. Setting	Alpha Source α	Alpha Source β	Beta Source α	Beta Source β	Background α	Background β
600	2.5	3624	315	2	1509	1	30
650	2.7	4394	326	7	2257	1	53
700	2.9	4509	386	6	3059	2	69
750	3.1	4628	521	2	3843	0	67

Comments: Comments: HV Plateau Scaler Count Time = 1-min. Recommended HV = 700, Pot. setting = 2.9

Reference Instruments and/or Sources:

Ludlum pulser serial number: 97743 ✔ 201932 Flake multimeter serial number 87490128

✔ Alpha Source: Th-230 sn: 4098-03@12,800dpm/6,520cpm(1/4/12) Gamma Source Cs-137 @ 5.2 uCi (1/4/12) sn: 4097-03
✔ Beta Source: [illegible] 4099-03@17,700dpm/11,100cpm(1/4/12) Other Source:

Calibrated By: [signature] Calibration Date: 2/26/20 Calibration Due: 2/26/21

Reviewed By: [signature] Date: 2/28/2020

ERG Form ITC-101.D

[illegible]

ERG

Certificate of Calibration

Calibration and Voltage Plateau

Environmental Restoration Group, Inc.
8809 Washington St NE, Suite 150
Albuquerque, NM 87113
(505) 298-4224
www.ERGoffice.com

Meter: Manufacturer: Ludlum Model Number: 2360 Serial Number: 276943

Detector: Manufacturer: Ludlum Model Number: 43-93 Serial Number: PR199841

✔ Mechanical Check ✔ THR/WIN Operation HV Check (+/- 2.5%): ✔ 500 V ✔ 1000 V ✔ 1500 V
__ F/S Response Check ✔ Reset Check Cable Length: ✔ 39-inch __ 72-inch __ Other:
✔ Geotropism ✔ Audio Check
✔ Meter Zeroed ✔ Battery Check (Min 4.4 VDC)

Alpha Threshold: 120 mV Barometric Pressure: 24.33 Inches Hg
Beta Threshold: 4 Temperature: 72 °F
Beta Window: 30 mV Relative Humidity 20 %

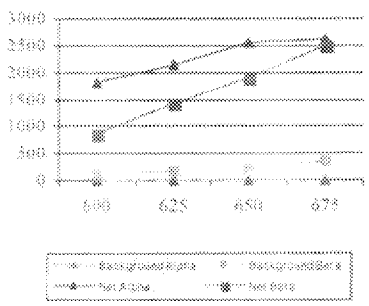
Source Distance: ✔ Contact __ 6 inches __ Other:
Source Geometry: __ Side ✔ Below Other:

Instrument found within tolerance: ✔ Yes __ No

Range/Multiplier	Reference Setting	"As Found Reading"	Meter Reading	Integrated 1-Min. Count α	Integrated 1-Min. Count β
x 1000	400 Kcpm	400	400	399565	399581
x 1000	100 Kcpm	100	100		
x 100	40 Kcpm	400	400	39934	39963
x 100	10 Kcpm	100	100		
x 10	4 Kcpm	400	400	3995	3995
x 10	1 Kcpm	100	100		
x 1	400 cpm	400	400	399	399
x 1	100 cpm	100	100		

High Voltage	Alpha Source α	Alpha Source β	Beta Source α	Beta Source β	Background α	Background β
600	1818	318	1	956	1	109
625	2134	352	8	1587	4	176
650	2543	401	5	2135	3	240
675	2628	620	3	2850	3	348

Voltage Plateau



Comments: HV Plateau Scaler Count Time = 1 min. Recommended HV =650

Reference Instruments and/or Sources:

Ludlum pulser serial number: __ 97743 ✔ 201932 Fluke multimeter serial number ✔ 87490128

✔ Alpha Source: Th-230 sn: 4098-03@12,800dpm/6,520cpm(1/4/12) Gamma Source Cs-137 @ 5.2 uCi (1/4/12) sn: 4097-03
✔ Beta Source: Tc-99 sn: 4099-03@17,700dpm/11,100cpm(1/4/12) Other Source:

Calibrated By: Calibration Date: 2/12/20 Calibration Due: 2/12/21

Reviewed By: Date: 2/12/2020

LRL Form ITC 1014

This calibration certificate is the responsibility of the calibration technician and the Quality Assurance Manager.

ERG

Certificate of Calibration

Calibration and Voltage Plateau

Environmental Restoration Group, Inc.
8809 Washington St NE, Suite 150
Albuquerque, NM 87113
(505) 298-4224
www.ERGoffice.com

Meter: Manufacturer: Ludlum Model Number: 2360 Serial Number: 220242

Detector: Manufacturer: Ludlum Model Number: 43-37 Serial Number: PR1249-6

✔ Mechanical Check ✔ UHR/WIN Operation HV Check (+/- 2.5%): ✔ 500 V ✔ 1000 V ✔ 1500 V

__ F/S Response Check ✔ Resa Check Cable Length: 39-inch 72-inch ✔ Other: 60"

✔ Geotropism ✔ Audio Check

✔ Meter Zeroed ✔ Battery Check (Min 4.4 VDC) Alpha Threshold: 100 mV Barometric Pressure: 20 inches Hg

Source Distance: ✔ Contact 6 inches Other: Beta Threshold: 4 Temperature: 72 °F

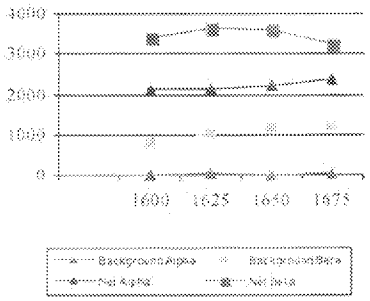
Source Geometry: Side ✔ Below Other: Beta Window: 40 mV Relative Humidity 25 %

Instrument found within tolerance: ✔ Yes __ No

Range/Multiplier	Reference Setting	"As Found Reading"	Meter Reading	Integrated 1-Min. Count α	Integrated 1-Min. Count β
x 1000	400 Kcpm	400	400	399624	399722
x 1000	100 Kcpm	100	100		
x 100	40 Kcpm	400	400	39977	39984
x 100	10 Kcpm	100	100		
x 10	4 Kcpm	400	400	3998	3999
x 10	1 Kcpm	100	100		
x 1	400 cpm	400	400	400	400
x 1	100 cpm	100	100		

High Voltage	Alpha Source α	Alpha Source β	Beta Source α	Beta Source β	Background α	Background β
1600	2108	1572	25	4189	19	790
1625	2179	1816	29	4670	29	1029
1650	2227	1962	39	4803	19	1190
1675	2398	2058	135	4486	31	1222

Voltage Plateau



Comments: HV Plateau = Scalar Count Time = 1 min. Recommended HV = 1650. Per the Ludlum Report 1999 a 25 volt increase in HV is recommended for every 1000-foot decrease in elevation from calibration location. ERG is at 5200-feet HV ADJ TO 1775 FOR ELEVATION CHANGE.

Reference Instruments and/or Sources:

Ludlum pulser serial number: 97742 ✔ 201932 Fluke multimeter serial number ✔ 87490128

✔ Alpha Source: Th-230 sn: 4098-03 @12,800dpm/6,820cpm(1/4/12) __ Gamma Source Cs-137 @ 5.2 uCi (1/4/12) sn: 4097-03

✔ Beta Source: [illegible] 4099-03 @17,700dpm/11,100cpm(1/4/12) __ Other Source:

Calibrated By: [signature] Calibration Date: 2/28/20 Calibration Due: 2/28/21

Reviewed By: [signature] Date: 2/28/2020

ERG Form ITC-101.C

Certificate of Calibration

Calibration and Voltage Plateau

Environmental Restoration Group, Inc.
8809 Washington St NE, Suite 150
Albuquerque, NM 87113
(505) 298-4224
www.ERGoffice.com

Meter: Manufacturer: Ludlum Model Number: 2360 Serial Number: 275739

Detector: Manufacturer: Ludlum Model Number: 43-37 Serial Number: PR302114

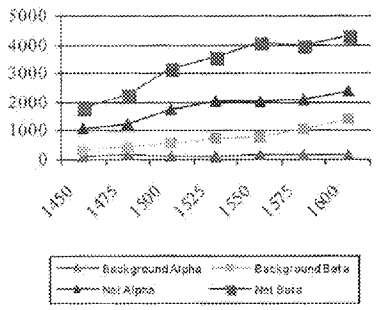
☑ Mechanical Check ☑ THR/WIN Operation HV Check (+/- 2.5%): ☑ 500 V ☑ 1000 V ☑ 1500 V
☐ F/S Response Check ☑ Reset Check Cable Length: ☐ 39-inch ☐ 72-inch ☑ Other: 60-inch
☑ Geotropism ☑ Audio Check
☑ Meter Zeroed ☑ Battery Check (Min 4.4 VDC) Alpha Threshold: 120 mV Barometric Pressure: 24.7 inches Hg
Source Distance: ☑ Contact ☐ 6 inches ☐ Other: Beta Threshold: 4 Temperature: 71 °F
Source Geometry: ☐ Side ☑ Below ☐ Other: Beta Window: 30 mV Relative Humidity 20 %

Instrument found within tolerance: ☑ Yes ☐ No

Range/Multiplier	Reference Setting	"As Found Reading"	Meter Reading	Integrated 1-Min. Count α	Integrated 1-Min. Count β
x 1000	400 Kcpm	400	400	400420	400493
x 1000	100 Kcpm	100	100		
x 100	40 Kcpm	400	400	40008	40050
x 100	10 Kcpm	100	100		
x 10	4 Kcpm	400	400	4003	4005
x 10	1 Kcpm	100	100		
x 1	400 cpm	400	400	400	400
x 1	100 cpm	100	100		

High Voltage	Alpha Source α	Alpha Source β	Beta Source α	Beta Source β	Background α	Background β
1450	1216	393	239	2146	114	356
1475	1398	1097	176	2741	156	453
1500	1895	1518	436	3742	136	585
1525	2182	2083	410	4296	120	737
1550	2174	2271	490	4894	151	789
1575	2282	2542	524	5055	152	1073
1600	2551	2939	408	5728	158	1433

Voltage Plateau



Comments: HV Plateau Scaler Count Time = 1 min. Recommended HV = 1575 volts. Per the Ludlum Report 1999 a 25 volt increase in recommended HV is needed for each 1000-foot decrease in elevation from calibration location; ERG is at 5200-feet. Recommended HV at 200 feet is 125 volt increase to 1700 volts. Higher beta to alpha crosstalk than expected, but confirmed on other detectors here.

Reference Instruments and/or Sources:

Ludlum pulser serial number: ☐ 97743 ☑ 201932 Fluke multimeter serial number ☐ 87490128

☑ Alpha Source: Th-230 sn: 4098-03@12,800dpm/6,520cpm(1/4/12) ☐ Gamma Source Cs-137 @ 5.2 uCi (1/4/12) sn: 4097-03
☑ Beta Source: Tc-99 sn: 4099-03@17,700dpm/11,100cpm(1/4/12) ☐ Other Source:

Calibrated By: Calibration Date: 11/11/19 Calibration Due: 11/11/20

Reviewed By: Date: 11 Nov 19

ERG Form IFC. 10LC

This calibration conforms to the requirements and acceptable calibration conditions of ANSI N323A - 1997

CABRERA # 1365

Eckert & Ziegler
Isotope Products

24937 Avenue Tibbitts
Valencia, California 91355

Tel 661·309·1010
Fax 661·257·8303

CERTIFICATE OF CALIBRATION
ALPHA STANDARD SOURCE

Radionuclide:	Th-230	**Customer:**	CABRERA SERVICES INC.
Half-life:	(7.54 ± 0.03)E+04 years	**P.O. No.:**	PO-00892
Catalog No.:	EAB-230-47U	**Reference Date:**	1-Jul-15 12:00 PST
Source No.:	M6-837	**Contained Radioactivity:**	2.487 nCi 92.02 Bq

Physical Description:

A. Capsule type:	Disk (47 mm OD x 0.76 mm THK)
B. Nature of active deposit:	Electrodeposited and diffusion bonded oxide
C. Active diameter/volume:	45 mm
D. Backing:	Stainless steel
E. Cover:	None

Radioimpurities:

None detected

Method of Calibration:

This source was assayed using a windowless internal gas flow proportional counter.

Uncertainty of Measurement:

A. Type A (random) uncertainty:	± 0.6 %
B. Type B (systematic) uncertainty:	± 3.0 %
C. Uncertainty in aliquot weighing:	± 0.0 %
D. Total uncertainty at the 99% confidence level:	± 3.1 %

Notes:

- See reverse side for leak test(s) performed on this source.
- EZIP participates in a NIST measurement assurance program to establish and maintain implicit traceability for a number of nuclides, based on the blind assay (and later NIST certification) of Standard Reference Materials (as in NRC Regulatory Guide 4.15).
- Nuclear data was taken from "Table of Radioactive Isotopes", edited by Virginia Shirley, 1986.
- This source has a working life of 2 years.
- This source had a surface emission rate of 2788 α/min in 2π on 15-Jun-15.

Daniel James Van Delden — Quality Control

16-Jun-15 — Date

EZIP Ref. No.: 1821-37

ISO 9001 CERTIFIED

Medical Imaging Laboratory
24937 Avenue Tibbitts Valencia, California 91355

Industrial Gauging Laboratory
1800 North Keystone Street Burbank, California 91504

CABRERA # 1364

Eckert & Ziegler
Isotope Products

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Valencia, California 91355

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Fax 661·257·8303

CERTIFICATE OF CALIBRATION
BETA STANDARD SOURCE

Radionuclide:	Tc-99	**Customer:**	CABRERA SERVICES INC.
Half-life:	(2.13 ± 0.05)E+05 years	**P.O. No.:**	PO-00892
Catalog No.:	EAB-099-47U	**Reference Date:**	1-Jul-15 12:00 PST
Source No.:	M6-836	**Contained Radioactivity:**	2.692 nCi 99.60 Bq

Physical Description:

A. Capsule type:	Disk (47 mm OD x 0.76 mm THK)
B. Nature of active deposit:	Electrodeposited and diffusion bonded Technetium metal
C. Active diameter/volume:	45 mm
D. Backing:	Stainless steel
E. Cover:	None

Radioimpurities:

None detected

Method of Calibration:

This source was assayed using a windowless internal gas flow proportional counter.

Uncertainty of Measurement:

A. Type A (random) uncertainty:	± 1.1 %
B. Type B (systematic) uncertainty:	± 3.0 %
C. Uncertainty in aliquot weighing:	± 0.0 %
D. Total uncertainty at the 99% confidence level:	± 3.2 %

Notes:

- See reverse side for leak test(s) performed on this source.
- EZIP participates in a NIST measurement assurance program to establish and maintain implicit traceability for a number of nuclides, based on the blind assay (and later NIST certification) of Standard Reference Materials (as in NRC Regulatory Guide 4.15).
- Nuclear data was taken from "Table of Radioactive Isotopes", edited by Virginia Shirley, 1986.
- This source has a working life of 2 years.
- This source had a surface emission rate of 3287 β/min in 2π on 15-Jun-15.

Daniel James Van Dalsem
Quality Control

16-Jun-15
Date

EZIP Ref No.: 1821-37

ISO 9001 CERTIFIED

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CERTIFICATE OF CALIBRATION
GAMMA STANDARD SOURCE

Radionuclide:	Co-60	**Customer:**	CABRERA SERVICES, INC.
Half-life:	5.272 ± 0.001 years	**P.O. No.:**	12-0217
Catalog No.:	GF-060-D	**Reference Date:**	15-May-12 12:00 PST
Source No.:	1592-30-1	**Contained Radioactivity:**	1.042 µCi 38.55 kBq

Physical Description:

A. Capsule type:	D (25.4 mm OD x 6.35 mm THK)
B. Nature of active deposit:	Evaporated metallic salt
C. Active diameter/volume:	5 mm
D. Backing:	Epoxy
E. Cover:	Acrylic

Radioimpurities:

None detected

Method of Calibration:

This source was assayed using gamma ray spectrometry.

Peak energy used for integration:	1173, 1333 keV
Branching ratio used:	0.9986, 0.9998 gammas per decay

Uncertainty of Measurement:

A. Type A (random) uncertainty:	± 0.5 %
B. Type B (systematic) uncertainty:	± 3.0 %
C. Uncertainty in aliquot weighing:	± 0.0 %
D. Total uncertainty at the 99% confidence level:	± 3.0 %

Notes:

- See reverse side for leak test(s) performed on this source.
- EZIP participates in a NIST measurement assurance program to establish and maintain implicit traceability for a number of nuclides, based on the blind assay (and later NIST certification) of Standard Reference Materials (as in NRC Regulatory Guide 4.15).
- Nuclear data was taken from IAEA-TECDOC-619, 1991.
- This source has a working life of 5 years.

Daniel James Van Dellen — Quality Control

16-Apr-12 — Date

EZIP Ref. No.: 1592-30

ISO 9001 CERTIFIED

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DAkkS Deutsche Akkreditierungsstelle D-K-15203-01-00

als Kalibrierlaboratorium im / *as calibration laboratory in the*

Deutschen Kalibrierdienst DKD

026031
D-K-15203-01-00
2013-05

Kalibrierzeichen
Calibration mark

Kalibrierschein
Calibration certificate

Strahler Nr. / Source number AC-2448

Gegenstand *Object*	Beta Wide Area Reference Source	
Hersteller *Manufacturer*	Eckert & Ziegler Nuclitec GmbH	
Typ *Type*	TCR07032	
Strahler-Nr. *Source number*	AC-2448	
Auftraggeber *Customer*	Eckert & Ziegler Analytics USA-Atlanta, GA 30318	
Auftragsnummer *Order No.*		CD00155161
Anzahl der Seiten des Kalibrierscheines *Number of pages of the certificate*		2
Datum der Kalibrierung *Date of calibration*		25 April 2013

Dieser Kalibrierschein dokumentiert die Rückführung auf nationale Normale zur Darstellung der Einheiten in Übereinstimmung mit dem Internationalen Einheitensystem (SI).
Die DAkkS ist Unterzeichner der multilateralen Übereinkommen der European co-operation for Accreditation (EA) und der International Laboratory Accreditation Cooperation (ILAC) zur gegenseitigen Anerkennung der Kalibrierscheine.
Für die Einhaltung einer angemessenen Frist zur Wiederholung der Kalibrierung ist der Benutzer verantwortlich.
This calibration certificate documents the traceability to national standards, which realize the units of measurement according to the International System of Units (SI).
The DAkkS is signatory to the multilateral agreements of the European co-operation for Accreditation (EA) and of the International Laboratory Accreditation Cooperation (ILAC) for the mutual recognition of calibration certificates.
The user is obliged to have the object recalibrated at appropriate intervals.

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Datum *Date*	Leiter des Kalibrierlaboratoriums *Head of the calibration laboratory*	Bearbeiter *Person in charge*
13 May 2013	Dr. Thieme i.A.	i.A. Schueler

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026031
D-K-15203-01-00
2013-05

Beta Wide Area Reference Source

Source no.	AC-2448
Drawing	VZ-628-001
Nuclide	Technetium-99
Activity	3.79 kBq
Beta surface emission rate	1.83E03 s^{-1} in 2 π steradian
Reference date	25 April 2013 at 12:00 UTC
Dimensions of active surface	150 mm x 100 mm
Overall dimensions	170 mm x 120 mm x 3 mm
Leakage and contamination test	The amount of the removable activity does not exceed 10 Bq. (Wipe test according to ISO 9978, no. 5.3.1)
Wipe test passed on	13 May 2013
Construction	Tc-99 is incorporated into the surface of an anodized aluminium foil of 0.3 mm thickness. The thickness of the activated layer is approximately 6 µm. The activated foil is mounted into a holder.
Measuring method	The activity was determined by comparison with a reference source of the same construction. The beta surface emission rate was measured using a windowless proportional counter.
Traceability	Additional to the direct traceability to the PTB through the DAkkS this product complies with the requirements for traceability to NIST specified in the American National Standard "Traceability of Radioactive Sources to the NIST and Associated Instrument Quality Control (ANSI N42.22-1995)". As a requirement of the ANSI N42.22-1995 Eckert & Ziegler Nuclitec GmbH participates in the NRMAP/NIST Measurements Assurance Program of the Nuclear Power Industry.
Uncertainty	The relative uncertainty of the activity is 5 %, the relative uncertainty of the beta surface emission rate is 3 %. The reported uncertainty, determined according to the DAkkS-DKD-3 report is based on the standard uncertainty multiplied by a coverage factor of k = 2, providing a level of confidence of 95 %. (Ref. NIST Technical Note 1297/"Guide to the Expression of Uncertainty in Measurement" ISO Guide, 1995)
Radioactive impurities	Related to Tc-99 (equal 100 %) the following radioactive impurities were detected: none
Quality assurance system	The quality assurance system of Eckert & Ziegler Nuclitec GmbH was certified by Lloyd's Register Quality Assurance (LRQA) according to ISO 9001, issue 2008. Isotrak products meet the requirements of 10CFR50 Appendix B in the USA.
Uniformity	The uniformity of the surface emission rate is better than 10 %.
Remark	This is an EZN Class 2 reference source. Ref: PO#3950/SO#32561, End User Ref: PO#13-0185

62, Issue 5, 2013-03-07

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DAkkS Deutsche Akkreditierungsstelle D-K-15203-01-00

als Kalibrierlaboratorium im / *as calibration laboratory in the*

Deutschen Kalibrierdienst DKD

026288
D-K-15203-01-00
2013-07

Kalibrierschein
Calibration certificate

Kalibrierzeichen
Calibration mark

Strahler Nr. / *Source number* AC-2446

Gegenstand *Object*	Alpha Wide Area Reference Source
Hersteller *Manufacturer*	Eckert & Ziegler Nuclitec GmbH
Typ *Type*	TZRB6470
Strahler-Nr. *Source number*	AC-2446
Auftraggeber *Customer*	Eckert & Ziegler Analytics Atlanta, GA 30318 United States of America
Auftragsnummer *Order No.*	CO00155161
Anzahl der Seiten des Kalibrierscheines *Number of pages of the certificate*	2
Datum der Kalibrierung *Date of calibration*	25 July 2013

Dieser Kalibrierschein dokumentiert die Rückführung auf nationale Normale zur Darstellung der Einheiten in Übereinstimmung mit dem Internationalen Einheitensystem (SI).
Die DAkkS ist Unterzeichner der multilateralen Übereinkommen der European co-operation for Accreditation (EA) und der International Laboratory Accreditation Cooperation (ILAC) zur gegenseitigen Anerkennung der Kalibrierscheine.
Für die Einhaltung einer angemessenen Frist zur Wiederholung der Kalibrierung ist der Benutzer verantwortlich.
This calibration certificate documents the traceability to national standards, which realize the units of measurement according to the International System of Units (SI).
The DAkkS is signatory to the multilateral agreements of the European co-operation for Accreditation (EA) and of the International Laboratory Accreditation Cooperation (ILAC) for the mutual recognition of calibration certificates.
The user is obliged to have the object recalibrated at appropriate intervals.

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Datum *Date*	Leiter des Kalibrierlaboratoriums *Head of the calibration laboratory*	Bearbeiter *Person in charge*
30 July 2013	i.V. Dr. Thieme	i.A. Schueler

026288
D-K-15203-01-00
2013-07

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Page

Alpha Wide Area Reference Source

Source no.	AC-2446
Drawing	VZ-628-001
Nuclide	Thorium-230
Activity	2.21 kBq
Alpha surface emission rate	1.08503 s^{-1} in 2 π steradian
Reference date	25 July 2013 at 12:00 UTC
Dimensions of active surface	150 mm x 100 mm
Overall dimensions	150 mm x 120 mm x 3 mm
Leakage and contamination test	The amount of the removable activity does not exceed 10 Bq. (Wipe test according to ISO 9978, no. 5.3.1)
Wipe test passed on	30 July 2013
Construction	Th-230 is incorporated into the surface of an anodized aluminium foil of 0.3 mm thickness. The thickness of the activated layer is approximately 6 µm. The activated foil is mounted into a holder.
Measuring method	The activity was determined by comparison with a reference source of the same construction. The alpha surface emission rate was measured using a windowless proportional counter.
Traceability	Additional to the direct traceability to the PTB through the DAkkS this product complies with the requirements for traceability to NIST specified in the American National Standard "Traceability of Radioactive Sources to the NIST and Associated Instrument Quality Control (ANSI N42.22-1995)". As a requirement of the ANSI N42.22-1995 Eckert & Ziegler Nuclitec GmbH participates in the NRMAP/NIST Measurements Assurance Program of the Nuclear Power Industry.
Uncertainty	The relative uncertainty of the activity is 3 %, the relative uncertainty of the alpha surface emission rate is 3 %. The reported uncertainty, determined according to the DAkkS-DKD-3 report is based on the standard uncertainty multiplied by a coverage factor of k = 2, providing a level of confidence of 95 %. (Ref. NIST Technical Note 1297/"Guide to the Expression of Uncertainty in Measurement" ISO Guide, 1995)
Radioactive impurities	Related to Th-230 (equal 100 %) the following radioactive impurities were detected: none
Quality assurance system	The quality assurance system of Eckert & Ziegler Nuclitec GmbH was certified by Lloyd's Register Quality Assurance (LRQA) according to ISO 9001, issue 2008. Isotrak products meet the requirements of 10CFR50 Appendix B in the USA.
Uniformity	The uniformity of the surface emission rate is better than 10 %.
Remark	This is an EZN Class 2 reference source. Ref: PO#3950/SO#32561, End User Ref: PO#13-0183

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Eckert & Ziegler

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DAkkS Deutsche Akkreditierungsstelle D-K-15203-01-00

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Deutschen Kalibrierdienst DKD

Kalibrierschein
Calibration certificate

Kalibrierzeichen
Calibration mark

026055
D-K-15203-01-00
2013-05

Strahler Nr. / *Source number* AC-2450

Gegenstand *Object*	Beta Wide Area Reference Source	
Hersteller *Manufacturer*	Eckert & Ziegler Nuclitec GmbH	
Typ *Type*	SIR07032	
Strahler-Nr. *Source number*	AC-2450	
Auftraggeber *Customer*	Eckert & Ziegler Analytics Atlanta, GA 30318 United States of America	
Auftragsnummer *Order No.*		CO00155161
Anzahl der Seiten des Kalibrierscheines *Number of pages of the certificate*		2
Datum der Kalibrierung *Date of calibration*		22 May 2013

Dieser Kalibrierschein dokumentiert die Rückführung auf nationale Normale zur Darstellung der Einheiten in Übereinstimmung mit dem Internationalen Einheitensystem (SI).
Die DAkkS ist Unterzeichner der multilateralen Übereinkommen der European co-operation for Accreditation (EA) und der International Laboratory Accreditation Cooperation (ILAC) zur gegenseitigen Anerkennung der Kalibrierscheine.
Für die Einhaltung einer angemessenen Frist zur Wiederholung der Kalibrierung ist der Benutzer verantwortlich.

This calibration certificate documents the traceability to national standards, which realize the units of measurement according to the International System of Units (SI).
The DAkkS is signatory to the multilateral agreements of the European co-operation for Accreditation (EA) and of the International Laboratory Accreditation Cooperation (ILAC) for the mutual recognition of calibration certificates.
The user is obliged to have the object recalibrated at appropriate intervals.

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Datum *Date*	Leiter des Kalibrierlaboratoriums *Head of the calibration laboratory*	Bearbeiter *Person in charge*
28 May 2013	Dr. Thieme i.A. E. Heid	Schueler E. Schueler

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028059
D-K-15203-01-00
2013-05

Beta Wide Area Reference Source

Source no.	AC-2450
Drawing	V2-628-001
Nuclide	Strontium-90
Activity	3.49 kBq
Beta surface emission rate	4.50803 s^{-1} in 2 π steradian
Reference date	22 May 2013 at 12:00 UTC
Dimensions of active surface	150 mm x 100 mm
Overall dimensions	170 mm x 120 mm x 3 mm
Leakage and contamination test	The amount of the removable activity does not exceed 10 Bq. (Wipe test according to ISO 9978, no. 5.3.1)
Wipe test passed on	27 May 2013
Construction	Sr-90 is incorporated into the surface of an anodized aluminium foil of 0.3 mm thickness. The thickness of the activated layer is approximately 8 µm. The activated foil is mounted into a holder.
Measuring method	The activity was determined by comparison with a reference source of the same construction. The beta surface emission rate was measured using a windowless proportional counter.
Traceability	Additional to the direct traceability to the PTB through the DAkkS this product complies with the requirements for traceability to NIST specified in the American National Standard "Traceability of Radioactive Sources to the NIST and Associated Instrument Quality Control (ANSI N42.22-1995)". As a requirement of the ANSI N42.22-1995 Eckert & Ziegler Nuclitec GmbH participates in the NRMAP/NIST Measurements Assurance Program of the Nuclear Power Industry.
Uncertainty	The relative uncertainty of the activity is 5 %, the relative uncertainty of the beta surface emission rate is 3 %. The reported uncertainty, determined according to the DAkkS-DKD-3 report is based on the standard uncertainty multiplied by a coverage factor of k = 2, providing a level of confidence of 95 %. (Ref. NIST Technical Note 1297/"Guide to the Expression of Uncertainty in Measurement" ISO Guide, 1995)
Radioactive impurities	Related to Sr-90 (equal 100 %) the following radioactive impurities were detected: none
Quality assurance system	The quality assurance system of Eckert & Ziegler Nuclitec GmbH was certified by Lloyd's Register Quality Assurance (LRQA) according to ISO 9001, issue 2008. Isotrak products meet the requirements of 10CFR50 Appendix B in the USA.
Uniformity	The uniformity of the surface emission rate is better than 10 %.
Remark	This is an EZN Class 2 reference source. Ref: PO#3950/SO#32561 End user Reference PO#13-0185

62, Issue 5, 2013-03-07

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DAkkS Deutsche Akkreditierungsstelle D-K-15203-01-00

als Kalibrierlaboratorium im / *as calibration laboratory in the*

Deutschen Kalibrierdienst DKD

Kalibrierzeichen / *Calibration mark*: 026045 | D-K-15203-01-00 | 2013-05

Kalibrierschein
Calibration certificate

Strahler Nr. / *Source number* AC-2449

Gegenstand / *Object*	Beta Wide Area Reference Source	
Hersteller / *Manufacturer*	Eckert & Ziegler Nuclitec GmbH	
Typ / *Type*	CIR07032	
Strahler-Nr. / *Source number*	AC-2449	
Auftraggeber / *Customer*	Eckert & Ziegler Analytics Atlanta, GA 30318, USA	
Auftragsnummer / *Order No.*		CO00155161
Anzahl der Seiten des Kalibrierscheines / *Number of pages of the certificate*		2
Datum der Kalibrierung / *Date of calibration*		25 April 2013

Dieser Kalibrierschein dokumentiert die Rückführung auf nationale Normale zur Darstellung der Einheiten in Übereinstimmung mit dem Internationalen Einheitensystem (SI).
Die DAkkS ist Unterzeichner der multilateralen Übereinkommen der European co-operation for Accreditation (EA) und der International Laboratory Accreditation Cooperation (ILAC) zur gegenseitigen Anerkennung der Kalibrierscheine.
Für die Einhaltung einer angemessenen Frist zur Wiederholung der Kalibrierung ist der Benutzer verantwortlich.

This calibration certificate documents the traceability to national standards, which realize the units of measurement according to the International System of Units (SI).
The DAkkS is signatory to the multilateral agreements of the European co-operation for Accreditation (EA) and of the International Laboratory Accreditation Cooperation (ILAC) for the mutual recognition of calibration certificates.
The user is obliged to have the object recalibrated at appropriate intervals.

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Datum / *Date*	Leiter des Kalibrierlaboratoriums / *Head of the calibration laboratory*	Bearbeiter / *Person in charge*
22 May 2013	Dr. Thieme	Schueler

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026045
D-K-15203-01-00
2013-05

Beta Wide Area Reference Source

Source no.	AC-2449
Drawing	VZ-528-001
Nuclide	Chlorine-36
Activity	3.90 kBq
Beta surface emission rate	2.48E03 s^{-1} in 2 π steradian
Reference date	25 April 2013 at 12:00 UTC
Dimensions of active surface	150 mm x 100 mm
Overall dimensions	170 mm x 120 mm x 3 mm
Leakage and contamination test	The amount of the removable activity does not exceed 10 Bq. (Wipe test according to ISO 9978, no. 5.3.1)
Wipe test passed on	22 May 2013
Construction	Cl-36 is incorporated into the surface of an anodized aluminium foil of 0.3 mm thickness. The thickness of the activated layer is approximately 6 µm. The activated foil is mounted into a holder.
Measuring method	The activity was determined by comparison with a reference source of the same construction. The beta surface emission rate was measured using a windowless proportional counter.
Traceability	Additional to the direct traceability to the PTB through the DAkkS this product complies with the requirements for traceability to NIST specified in the American National Standard "Traceability of Radioactive Sources to the NIST and Associated Instrument Quality Control (ANSI N42.22-1995)". As a requirement of the ANSI N42.22-1995 Eckert & Ziegler Nuclitec GmbH participates in the NRMAP/NIST Measurements Assurance Program of the Nuclear Power Industry.
Uncertainty	The relative uncertainty of the activity is 5 %, the relative uncertainty of the beta surface emission rate is 3 %. The reported uncertainty, determined according to the DAkkS-DKD-3 report is based on the standard uncertainty multiplied by a coverage factor of k = 2, providing a level of confidence of 95 %. (Ref. NIST Technical Note 1297/"Guide to the Expression of Uncertainty in Measurement" ISO Guide, 1995)
Radioactive impurities	Related to Cl-36 (equal 100 %) the following radioactive impurities were detected: none
Quality assurance system	The quality assurance system of Eckert & Ziegler Nuclitec GmbH was certified by Lloyd's Register Quality Assurance (LRQA) according to ISO 9001, issue 2008. Isotrak products meet the requirements of 10CFR50 Appendix B in the USA.
Uniformity	The uniformity of the surface emission rate is better than 10 %.
Remark	This is an EZN Class 2 reference source. Ref: PO#3950/SO#32561, End User Ref: PO#13-0185

62, Issue 5, 2012-03-07

EBERLINE SERVICES

CERTIFICATE OF CALIBRATION

Electroplated Alpha Standard

S.O.# 7261
P.O.# 13-0038

Description of Standard:

Model No. DNS-11 Serial No. 3973-02 Isotope Th-230

Electroplated on polished SS disc, 0.79 mm thick.

Total diameter of 4.77 cm and an active diameter of 4.45 cm.

The radioactive material is permanently fixed to the disc by heat treatment without any covering over the active surface.

Measurement Method:

The 2pi alpha emission rate was measured using an internal gas flow proportional chamber. Absolute counting of alpha particles emitted in the hemisphere above the active surface was verified by counting above, below, and at the operative voltage. The calibration is traceable to NIST by reference to an NIST calibrated alpha source S/N 75322-201

Measurement Result:

The observed alpha particles emitted from the surface of the disc per minute (cpm) on the calibration date was:

7,950 ± 319

The total disintegration rate (dpm) assuming 1.5% backscatter of alpha particles from the surface of the disc, was:

15,700 ± 626 (0.00706 μCi)

The uncertainty of the measurement is 4 %, which is the sum of random counting error at the 99% confidence level, and the estimated upper limit of systematic error in this measurement.

Calibrated by: ART REUST Reviewed by:

Calibration Technician: Q.A. Manager:

Calibration Date: 8-21-2012 Reviewed Date: 08/21/2012

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CERTIFICATE OF CALIBRATION

Electroplated Beta Standard

S.O.# 7261
P.O.# 13-0038

Description of Standard:

Model No. DNS-12 Serial No. 3975-02 Isotope Tc-99

Electroplated on polished SS disc, 0.79 mm thick.

Total diameter of 4.77 cm and an active diameter of 4.45 cm.

The radioactive material is permanently fixed to the disc by heat treatment without any covering over the active surface.

Measurement Method:

The 2pi beta emission rate was measured using an internal gas flow proportional chamber. Absolute counting of beta particles emitted in the hemisphere above the active surface was verified by counting above, below, and at the operative voltage. The calibration is traceable to NIST by reference to an NIST calibrated beta source S/N 75323-201.

Measurement Result:

The observed beta count rate from the surface of the disc per minute (cpm) on the calibration date was:

11,100 ± 442

The total disintegration rate (dpm) assuming 25 % backscatter of beta particles from the surface of the disc, was:

17,700 ± 707 (0.00797 µCi)

The uncertainty of the measurement is 4 %, which is the sum of random counting error at the 99% confidence level, and the estimated upper limit of systematic error in this measurement.

Calibrated by: ART REUST Reviewed by:

Calibration Technician: Q.A. Manager:

Calibration Date: 8-21-2012 Reviewed Date: 08/21/2012

Source Manufacturing Lab
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Equipment Chi-Square Distribution Worksheet

Count No.	X_i	X_m-X_i	$(X_m-X_i)^2$
1	1646	126.15	15913.82
2	1803	-30.85	951.7225
3	1815	-42.85	1836.122
4	1742	30.15	909.0225
5	1807	-34.85	1214.522
6	1742	30.15	909.0225
7	1804	-31.85	1014.422
8	1731	41.15	1693.323
9	1793	-20.85	434.7225
10	1798	-25.85	668.2225
11	1809	-36.85	1357.922
12	1747	25.15	632.5225
13	1783	-10.85	117.7225
14	1745	27.15	737.1225
15	1810	-37.85	1432.622
16	1764	8.15	66.4225
17	1824	-51.85	2688.422
18	1768	4.15	17.2225
19	1810	-37.85	1432.622
20	1702	70.15	4921.023
Sum total	35443		38948.55
X_m	1772.15		

Instrument/Detector	2929 / 43-10-1
Serial # / Serial#	155577/PR157789
Date Performed	13-Aug-19
Count time interval (minutes)	1
Source Used	Th-230

X^2 = 21.98

Note: Accept χ^2 if between 8.91 and 32.8

Equipment Chi-Square Distribution Worksheet

Count No.	X_i	X_m-X_i	$(X_m-X_i)^2$
1	1593	-83.25	6930.563
2	1473	36.75	1350.563
3	1535	-25.25	637.5625
4	1505	4.75	22.5625
5	1584	-74.25	5513.063
6	1458	51.75	2678.063
7	1546	-36.25	1314.063
8	1521	-11.25	126.5625
9	1454	55.75	3108.063
10	1507	2.75	7.5625
11	1455	54.75	2997.563
12	1514	-4.25	18.0625
13	1459	50.75	2575.563
14	1557	-47.25	2232.563
15	1558	-48.25	2328.063
16	1489	20.75	430.5625
17	1500	9.75	95.0625
18	1572	-62.25	3875.063
19	1466	43.75	1914.063
20	1449	60.75	3690.563
Sum total	30195		41845.75
X_m	1509.75		

Instrument/Detector	2929 / 43-10-1
Serial # / Serial#	155577/PR157789
Date Performed	13-Aug-19
Count time interval (minutes)	1
Source Used	Tc-99

X^2 = 27.72

Note: Accept χ^2 if between 8.91 and 32.8

Equipment Chi-Square Distribution Worksheet

Count No.	X_i	X_m-X_i	$(X_m-X_i)^2$
1	1683	-42.55	1810.503
2	1646	-5.55	30.8025
3	1632	8.45	71.4025
4	1668	-27.55	759.0025
5	1640	0.45	0.2025
6	1693	-52.55	2761.503
7	1664	-23.55	554.6025
8	1563	77.45	5998.503
9	1639	1.45	2.1025
10	1710	-69.55	4837.202
11	1639	1.45	2.1025
12	1558	82.45	6798.003
13	1600	40.45	1636.203
14	1646	-5.55	30.8025
15	1658	-17.55	308.0025
16	1608	32.45	1053.003
17	1675	-34.55	1193.703
18	1671	-30.55	933.3025
19	1639	1.45	2.1025
20	1577	63.45	4025.903
Sum total	32809		32808.95
X_m	1640.45		

Instrument/Detector	2360/43-37
Serial # / Serial#	215271/PR216985
Date Performed	13-Aug-19
Count time interval (minutes)	2
Source Used	Th-230

X^2 = 20.00

Note: Accept χ^2 if between 8.91 and 32.8

Equipment Chi-Square Distribution Worksheet

Count No.	X_i	X_m-X_i	$(X_m-X_i)^2$
1	3059	34.7	1204.09
2	3150	-56.3	3169.69
3	3089	4.7	22.09
4	3004	89.7	8046.09
5	3089	4.7	22.09
6	3219	-125.3	15700.09
7	3139	-45.3	2052.09
8	3037	56.7	3214.89
9	3125	-31.3	979.69
10	3026	67.7	4583.29
11	3032	61.7	3806.89
12	3142	-48.3	2332.89
13	3177	-83.3	6938.89
14	3113	-19.3	372.49
15	3030	63.7	4057.69
16	3072	21.7	470.89
17	3112	-18.3	334.89
18	3085	8.7	75.69
19	3166	-72.3	5227.29
20	3008	85.7	7344.49
Sum total	61874		69956.2
X_m	3093.7		

Instrument/Detector	2360/43-37
Serial # / Serial#	215271/PR216985
Date Performed	13-Aug-19
Count time interval (minutes)	2
Source Used	Tc-99

X^2 = 22.61

Note: Accept χ^2 if between 8.91 and 32.8

Equipment Chi-Square Distribution Worksheet

Count No.	X_i	X_m-X_i	$(X_m-X_i)^2$
1	1699	24.6	605.16
2	1630	93.6	8760.96
3	1651	72.6	5270.76
4	1647	76.6	5867.56
5	1786	-62.4	3893.76
6	1681	42.6	1814.76
7	1779	-55.4	3069.16
8	1765	-41.4	1713.96
9	1745	-21.4	457.96
10	1821	-97.4	9486.76
11	1739	-15.4	237.16
12	1754	-30.4	924.16
13	1657	66.6	4435.56
14	1714	9.6	92.16
15	1705	18.6	345.96
16	1740	-16.4	268.96
17	1715	8.6	73.96
18	1765	-41.4	1713.96
19	1792	-68.4	4678.56
20	1687	36.6	1339.56
Sum total	34472		55050.8
X_m	1723.6		

Instrument/Detector	2360/43-37
Serial # / Serial#	220263/PR216985
Date Performed	5-Sep-19
Count time interval (minutes)	2
Source Used	Th-230

X^2 = 31.94

Note: Accept χ^2 if between 8.91 and 32.8

Equipment Chi-Square Distribution Worksheet

Count No.	X_i	X_m-X_i	$(X_m-X_i)^2$
1	3444	-11.65	135.7225
2	3361	71.35	5090.822
3	3374	58.35	3404.722
4	3342	90.35	8163.122
5	3533	-100.65	10130.42
6	3402	30.35	921.1225
7	3465	-32.65	1066.023
8	3420	12.35	152.5225
9	3502	-69.65	4851.123
10	3441	-8.65	74.8225
11	3380	52.35	2740.522
12	3468	-35.65	1270.923
13	3455	-22.65	513.0225
14	3511	-78.65	6185.823
15	3437	-4.65	21.6225
16	3431	1.35	1.8225
17	3436	-3.65	13.3225
18	3366	66.35	4402.322
19	3409	23.35	545.2225
20	3470	-37.65	1417.523
Sum total	68647		51102.55
X_m	3432.35		

Instrument/Detector	2360/43-37
Serial # / Serial#	220263/PR216985
Date Performed	5-Sep-19
Count time interval (minutes)	2
Source Used	Tc-99

X^2 = 14.89

Note: Accept χ^2 if between 8.91 and 32.8

Equipment Chi-Square Distribution Worksheet

Count No.	X_i	X_m-X_i	$(X_m-X_i)^2$
1	1428	-1.65	2.7225
2	1438	-11.65	135.7225
3	1494	-67.65	4576.523
4	1409	17.35	301.0225
5	1439	-12.65	160.0225
6	1340	86.35	7456.322
7	1395	31.35	982.8225
8	1391	35.35	1249.622
9	1502	-75.65	5722.923
10	1449	-22.65	513.0225
11	1367	59.35	3522.422
12	1465	-38.65	1493.823
13	1443	-16.65	277.2225
14	1465	-38.65	1493.823
15	1369	57.35	3289.022
16	1395	31.35	982.8225
17	1400	26.35	694.3225
18	1458	-31.65	1001.723
19	1447	-20.65	426.4225
20	1433	-6.65	44.2225
Sum total	28527		34326.55
X_m	1426.35		

Instrument/Detector	2360/43-37
Serial # / Serial#	245779/PR190618
Date Performed	17-Sep-19
Count time interval (minutes)	2
Source Used	Th-230

X^2 = 24.07

Note: Accept χ^2 if between 8.91 and 32.8

Equipment Chi-Square Distribution Worksheet

Count No.	X_i	X_m-X_i	$(X_m-X_i)^2$
1	3272	22.35	499.5225
2	3166	128.35	16473.72
3	3339	-44.65	1993.623
4	3281	13.35	178.2225
5	3229	65.35	4270.622
6	3365	-70.65	4991.423
7	3253	41.35	1709.822
8	3269	25.35	642.6225
9	3429	-134.65	18130.62
10	3178	116.35	13537.32
11	3256	38.35	1470.722
12	3343	-48.65	2366.823
13	3364	-69.65	4851.123
14	3344	-49.65	2465.123
15	3306	-11.65	135.7225
16	3345	-50.65	2565.423
17	3211	83.35	6947.222
18	3389	-94.65	8958.623
19	3309	-14.65	214.6225
20	3239	55.35	3063.622
Sum total	65887		95466.55
X_m	3294.35		

Instrument/Detector	2360/43-37
Serial # / Serial#	245779/PR190618
Date Performed	17-Sep-19
Count time interval (minutes)	2
Source Used	Tc-99

X^2 = 28.98

Note: Accept χ^2 if between 8.91 and 32.8

Equipment Chi-Square Distribution Worksheet

Count No.	X_i	X_m-X_i	$(X_m-X_i)^2$
1	1415	-7.85	61.6225
2	1363	44.15	1949.223
3	1357	50.15	2515.023
4	1413	-5.85	34.2225
5	1422	-14.85	220.5225
6	1390	17.15	294.1225
7	1417	-9.85	97.0225
8	1453	-45.85	2102.222
9	1389	18.15	329.4225
10	1433	-25.85	668.2225
11	1400	7.15	51.1225
12	1422	-14.85	220.5225
13	1387	20.15	406.0225
14	1455	-47.85	2289.622
15	1344	63.15	3987.923
16	1453	-45.85	2102.222
17	1415	-7.85	61.6225
18	1453	-45.85	2102.222
19	1407	0.15	0.0225
20	1355	52.15	2719.623
Sum total	28143		22212.55
X_m	1407.15		

Instrument/Detector	2360/43-37
Serial # / Serial#	278586/PR178371
Date Performed	16-Aug-19
Count time interval (minutes)	2
Source Used	Th-230

X^2 = 15.79

Note: Accept χ^2 if between 8.91 and 32.8

Equipment Chi-Square Distribution Worksheet

Count No.	X_i	X_m-X_i	$(X_m-X_i)^2$
1	3393	-51.4	2641.96
2	3426	-84.4	7123.36
3	3394	-52.4	2745.76
4	3287	54.6	2981.16
5	3293	48.6	2361.96
6	3334	7.6	57.76
7	3248	93.6	8760.96
8	3292	49.6	2460.16
9	3424	-82.4	6789.76
10	3226	115.6	13363.36
11	3328	13.6	184.96
12	3359	-17.4	302.76
13	3411	-69.4	4816.36
14	3331	10.6	112.36
15	3341	0.6	0.36
16	3286	55.6	3091.36
17	3338	3.6	12.96
18	3336	5.6	31.36
19	3360	-18.4	338.56
20	3425	-83.4	6955.56
Sum total	66832		65132.8
X_m	3341.6		

Instrument/Detector	2360/43-37
Serial # / Serial#	278586/PR178371
Date Performed	16-Aug-19
Count time interval (minutes)	2
Source Used	Tc-99

X^2 = 19.49

Note: Accept χ^2 if between 8.91 and 32.8

Equipment Chi-Square Distribution Worksheet

Count No.	X_i	X_m-X_i	$(X_m-X_i)^2$
1	1266	66.45	4415.603
2	1372	-39.55	1564.203
3	1328	4.45	19.8025
4	1333	-0.55	0.3025
5	1262	70.45	4963.203
6	1350	-17.55	308.0025
7	1363	-30.55	933.3025
8	1345	-12.55	157.5025
9	1322	10.45	109.2025
10	1283	49.45	2445.303
11	1371	-38.55	1486.103
12	1334	-1.55	2.4025
13	1308	24.45	597.8025
14	1323	9.45	89.3025
15	1359	-26.55	704.9025
16	1366	-33.55	1125.603
17	1341	-8.55	73.1025
18	1347	-14.55	211.7025
19	1366	-33.55	1125.603
20	1310	22.45	504.0025
Sum total	26649		20836.95
X_m	1332.45		

Instrument/Detector	2360/43-37
Serial # / Serial#	278604/PR190617
Date Performed	17-Sep-19
Count time interval (minutes)	2
Source Used	Th-230

X^2 = 15.64

Note: Accept χ^2 if between 8.91 and 32.8

Equipment Chi-Square Distribution Worksheet

Count No.	X_i	X_m-X_i	$(X_m-X_i)^2$
1	3141	-86.85	7542.922
2	3124	-69.85	4879.022
3	2971	83.15	6913.923
4	3039	15.15	229.5225
5	3073	-18.85	355.3225
6	3046	8.15	66.4225
7	3074	-19.85	394.0225
8	3008	46.15	2129.823
9	3132	-77.85	6060.622
10	3028	26.15	683.8225
11	3020	34.15	1166.223
12	3037	17.15	294.1225
13	3008	46.15	2129.823
14	3039	15.15	229.5225
15	3061	-6.85	46.9225
16	3034	20.15	406.0225
17	3023	31.15	970.3225
18	3055	-0.85	0.7225
19	3083	-28.85	832.3225
20	3087	-32.85	1079.122
Sum total	61083		36410.55
X_m	3054.15		

Instrument/Detector	2360/43-37
Serial # / Serial#	278604/PR190617
Date Performed	17-Sep-19
Count time interval (minutes)	2
Source Used	Tc-99

X^2 = 11.92

Note: Accept χ^2 if between 8.91 and 32.8

Equipment Chi-Square Distribution Worksheet

Count No.	X_i	X_m-X_i	$(X_m-X_i)^2$
1	4755	55.3	3058.09
2	4810	0.3	0.09
3	4784	26.3	691.69
4	4724	86.3	7447.69
5	4838	-27.7	767.29
6	4854	-43.7	1909.69
7	4792	18.3	334.89
8	4666	144.3	20822.49
9	4840	-29.7	882.09
10	4924	-113.7	12927.69
11	4842	-31.7	1004.89
12	4811	-0.7	0.49
13	4740	70.3	4942.09
14	4822	-11.7	136.89
15	4896	-85.7	7344.49
16	4903	-92.7	8593.29
17	4815	-4.7	22.09
18	4751	59.3	3516.49
19	4812	-1.7	2.89
20	4827	-16.7	278.89
Sum total	96206		74684.2
X_m	4810.3		

Instrument/Detector	2360/43-37
Serial # / Serial#	220242/PR124946
Date Performed	9-Mar-20
Count time interval (minutes)	2
Source Used	Th-230

X^2 = 15.53

Note: Accept χ^2 if between 8.91 and 32.8

Equipment Chi-Square Distribution Worksheet

Count No.	X_i	X_m-X_i	$(X_m-X_i)^2$
1	8829	-98.3	9662.89
2	8712	18.7	349.69
3	8646	84.7	7174.09
4	8678	52.7	2777.29
5	8728	2.7	7.29
6	8631	99.7	9940.09
7	8835	-104.3	10878.49
8	8735	-4.3	18.49
9	8607	123.7	15301.69
10	8661	69.7	4858.09
11	8647	83.7	7005.69
12	8783	-52.3	2735.29
13	8805	-74.3	5520.49
14	8687	43.7	1909.69
15	8751	-20.3	412.09
16	8714	16.7	278.89
17	8801	-70.3	4942.09
18	8749	-18.3	334.89
19	8743	-12.3	151.29
20	8872	-141.3	19965.69
Sum total	174614		104224.2
X_m	8730.7		

Instrument/Detector	2360/43-37
Serial # / Serial#	220242/PR124946
Date Performed	9-Mar-20
Count time interval (minutes)	2
Source Used	Tc-99

X^2 = 11.94

Note: Accept χ^2 if between 8.91 and 32.8

Equipment Chi-Square Distribution Worksheet

Count No.	X_i	X_m-X_i	$(X_m-X_i)^2$
1	5269	-35.2	1239.04
2	5268	-34.2	1169.64
3	5139	94.8	8987.04
4	5366	-132.2	17476.84
5	5342	-108.2	11707.24
6	5241	-7.2	51.84
7	5365	-131.2	17213.44
8	5161	72.8	5299.84
9	5162	71.8	5155.24
10	5193	40.8	1664.64
11	5054	179.8	32328.04
12	5229	4.8	23.04
13	5193	40.8	1664.64
14	5228	5.8	33.64
15	5242	-8.2	67.24
16	5197	36.8	1354.24
17	5203	30.8	948.64
18	5255	-21.2	449.44
19	5278	-44.2	1953.64
20	5291	-57.2	3271.84
Sum total	104676		112059.2
X_m	5233.8		

Instrument/Detector	2929 / 43-10-1
Serial # / Serial#	142654/PR145340
Date Performed	9-Mar-20
Count time interval (minutes)	1
Source Used	Th-230

X^2 = 21.41

Note: Accept χ^2 if between 8.91 and 32.8

Equipment Chi-Square Distribution Worksheet

Count No.	X_i	X_m-X_i	$(X_m-X_i)^2$
1	2953	152.15	23149.62
2	3114	-8.85	78.3225
3	3084	21.15	447.3225
4	3104	1.15	1.3225
5	3026	79.15	6264.723
6	3137	-31.85	1014.422
7	3083	22.15	490.6225
8	3134	-28.85	832.3225
9	3108	-2.85	8.1225
10	3060	45.15	2038.523
11	3200	-94.85	8996.522
12	3032	73.15	5350.923
13	3177	-71.85	5162.422
14	3046	59.15	3498.723
15	3162	-56.85	3231.922
16	3146	-40.85	1668.722
17	3060	45.15	2038.523
18	3142	-36.85	1357.922
19	3172	-66.85	4468.922
20	3163	-57.85	3346.622
Sum total	62103		73446.55
X_m	3105.15		

Instrument/Detector	2929 / 43-10-1
Serial # / Serial#	142654/PR145340
Date Performed	9-Mar-20
Count time interval (minutes)	1
Source Used	Tc-99

X^2 = 23.65

Note: Accept χ^2 if between 8.91 and 32.8

Equipment Chi-Square Distribution Worksheet

Count No.	X_i	X_m-X_i	$(X_m-X_i)^2$
1	1953	-16.55	273.9025
2	1862	74.45	5542.803
3	1985	-48.55	2357.103
4	1902	34.45	1186.803
5	1980	-43.55	1896.603
6	2036	-99.55	9910.202
7	1937	-0.55	0.3025
8	1985	-48.55	2357.103
9	1882	54.45	2964.803
10	1985	-48.55	2357.103
11	1932	4.45	19.8025
12	1900	36.45	1328.603
13	1910	26.45	699.6025
14	1896	40.45	1636.203
15	1983	-46.55	2166.903
16	1856	80.45	6472.203
17	1899	37.45	1402.503
18	1934	2.45	6.0025
19	2003	-66.55	4428.902
20	1909	27.45	753.5025
Sum total	38729		47760.95
X_m	1936.45		

Instrument/Detector	2360/43-93
Serial # / Serial#	184909/PR199841
Date Performed	12-Aug-19
Count time interval (minutes)	2
Source Used	Th-230

X^2 = 24.66

Note: Accept χ^2 if between 8.91 and 32.8

Equipment Chi-Square Distribution Worksheet

Count No.	X_i	X_m-X_i	$(X_m-X_i)^2$
1	1712	0.9	0.81
2	1667	45.9	2106.81
3	1779	-66.1	4369.21
4	1668	44.9	2016.01
5	1719	-6.1	37.21
6	1721	-8.1	65.61
7	1802	-89.1	7938.81
8	1717	-4.1	16.81
9	1690	22.9	524.41
10	1688	24.9	620.01
11	1724	-11.1	123.21
12	1661	51.9	2693.61
13	1704	8.9	79.21
14	1679	33.9	1149.21
15	1770	-57.1	3260.41
16	1715	-2.1	4.41
17	1738	-25.1	630.01
18	1657	55.9	3124.81
19	1746	-33.1	1095.61
20	1701	11.9	141.61
Sum total	34258		29997.8
X_m	1712.9		

Instrument/Detector	2360/43-93
Serial # / Serial#	184909/PR199841
Date Performed	12-Aug-19
Count time interval (minutes)	2
Source Used	Tc-99

X^2 = 17.51

Note: Accept χ^2 if between 8.91 and 32.8

Equipment Chi-Square Distribution Worksheet

Count No.	X_i	X_m-X_i	$(X_m-X_i)^2$
1	1633	27.65	764.5225
2	1674	-13.35	178.2225
3	1597	63.65	4051.323
4	1701	-40.35	1628.122
5	1733	-72.35	5234.522
6	1676	-15.35	235.6225
7	1643	17.65	311.5225
8	1744	-83.35	6947.222
9	1651	9.65	93.1225
10	1641	19.65	386.1225
11	1663	-2.35	5.5225
12	1710	-49.35	2435.422
13	1571	89.65	8037.123
14	1639	21.65	468.7225
15	1656	4.65	21.6225
16	1682	-21.35	455.8225
17	1626	34.65	1200.623
18	1649	11.65	135.7225
19	1669	-8.35	69.7225
20	1655	5.65	31.9225
Sum total			32692.55
X_m	1660.65		

Instrument/Detector	2360/43-37
Serial # / Serial#	275739/PR302114
Date Performed	13-Nov-19
Count time interval (minutes)	2
Source Used	Th-230

X^2 = 19.69

Note: Accept χ^2 if between 8.91 and 32.8

Equipment Chi-Square Distribution Worksheet

Count No.	X_i	X_m-X_i	$(X_m-X_i)^2$
1	3073	66.25	4389.063
2	3131	8.25	68.0625
3	3079	60.25	3630.063
4	3152	-12.75	162.5625
5	3134	5.25	27.5625
6	3183	-43.75	1914.063
7	3148	-8.75	76.5625
8	3203	-63.75	4064.063
9	3131	8.25	68.0625
10	3135	4.25	18.0625
11	3093	46.25	2139.063
12	3168	-28.75	826.5625
13	3135	4.25	18.0625
14	3085	54.25	2943.063
15	3172	-32.75	1072.563
16	3188	-48.75	2376.563
17	3139	0.25	0.0625
18	3186	-46.75	2185.563
19	3180	-40.75	1660.563
20	3070	69.25	4795.563
Sum total	62785		32435.75
X_m	3139.25		

Instrument/Detector	2360/43-37
Serial # / Serial#	275739/PR302114
Date Performed	13-Nov-19
Count time interval (minutes)	2
Source Used	Tc-99

X^2 = 10.33

Note: Accept χ^2 if between 8.91 and 32.8

Equipment Chi-Square Distribution Worksheet

Count No.	X_i	X_m-X_i	$(X_m-X_i)^2$
1	5596	-112.55	12667.5
2	5502	-18.55	344.1025
3	5482	1.45	2.1025
4	5524	-40.55	1644.303
5	5548	-64.55	4166.703
6	5540	-56.55	3197.903
7	5391	92.45	8547.002
8	5414	69.45	4823.302
9	5509	-25.55	652.8025
10	5652	-168.55	28409.1
11	5392	91.45	8363.102
12	5444	39.45	1556.302
13	5509	-25.55	652.8025
14	5458	25.45	647.7025
15	5295	188.45	35513.4
16	5513	-29.55	873.2025
17	5435	48.45	2347.402
18	5559	-75.55	5707.803
19	5467	16.45	270.6025
20	5439	44.45	1975.802
Sum total	109669		122363
X_m	5483.45		

Instrument/Detector	2360/43-93
Serial # / Serial#	276943/PR199841
Date Performed	9-Mar-20
Count time interval (minutes)	2
Source Used	Th-230

X^2 = 22.31

Note: Accept χ^2 if between 8.91 and 32.8

Equipment Chi-Square Distribution Worksheet

Count No.	X_i	X_m-X_i	$(X_m-X_i)^2$
1	4635	25.45	647.7025
2	4661	-0.55	0.3025
3	4707	-46.55	2166.903
4	4652	8.45	71.4025
5	4710	-49.55	2455.203
6	4622	38.45	1478.402
7	4731	-70.55	4977.303
8	4624	36.45	1328.602
9	4469	191.45	36653.1
10	4686	-25.55	652.8025
11	4588	72.45	5249.002
12	4632	28.45	809.4025
13	4595	65.45	4283.702
14	4720	-59.55	3546.203
15	4586	74.45	5542.802
16	4678	-17.55	308.0025
17	4787	-126.55	16014.9
18	4687	-26.55	704.9025
19	4746	-85.55	7318.803
20	4693	-32.55	1059.503
Sum total	93209		95268.95
X_m	4660.45		

Instrument/Detector	2360/43-93
Serial # / Serial#	276943/PR199841
Date Performed	9-Mar-20
Count time interval (minutes)	2
Source Used	Tc-99

X^2 = 20.44

Note: Accept χ^2 if between 8.91 and 32.8

CABRERA SERVICES
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ISO-7503 EFFICIENCY (ε) WORKSHEET (Rev. 0)

INSTRUMENT/TECHNICIAN DETAILS

	Instrument	Detector
Make	Ludlum	Ludlum
Model	2360	43-37
Unique ID#	278586	PR178371
Cal. Due, YYYY-MM-DD	2020-08-15	
t_b - Bkgd. Count Time, min	2.0	
Bkgd. Total Counts (beta)	1155	
Detector Active Area, cm²		584
Window Areal Density, mg/cm²		1.2

2pi efficiency data

Technician (First, Last)	B.Badaoui
Validation (First, Last)	Scott Hay
2 Pi Test Date, YYYY-MM-DD	2019-08-16
Test Site	Hunters Point Naval Shipyard

SOURCE DETAILS

Source	Th-230	H-3	C-14	Tc-99	Cl-36	Sr-90
Emission Type	α	β⁻	β⁻	β⁻	β⁻	β⁻
Unique ID#	AC-2446	OR-256	AC-2447	AC-2448	AC-2449	AC-2450
Cert. Date, YYYY-MM-DD	2013-07-25	2006-11-01	2013-04-25	2013-04-25	2013-04-25	2013-05-22
Source Active Area, cm²	150	100	150	150	150	150
Radioactive Half-life, yrs	75380	12.3	5700	211100	301000	28.8
Cert. Surface Emission Rate (SER), sec⁻¹	1080	1110	1260	1830	2480	4500
Decay Corrected (SER), sec⁻¹	1080	540	1259	1830	2480	3873
Mean Emission Energy, keV	4667	5.7	49	85	252	565
End-Point Emission Energy, keV	4684	18.6	156	294	710	2280
ε_s - Source Efficiency	0.25	0.25	0.25	0.25	0.50	0.50
t_s - Source Count Time, min	5	5	5	2	1	1

TEST DATA (enter gross counts - target >30000, required>10000 counts)

Contact	87,257			86,395	56,932	89,004
+1 cm						
+2 cm						

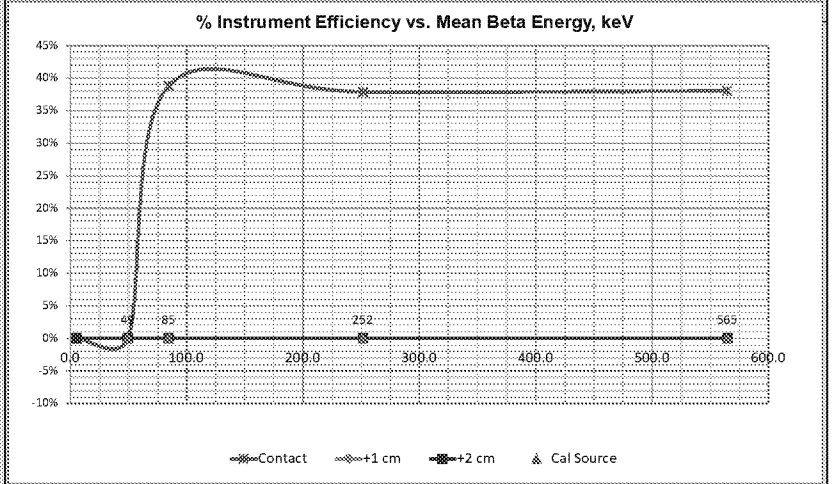
INSTRUMENT EFFICIENCY (ε_i)

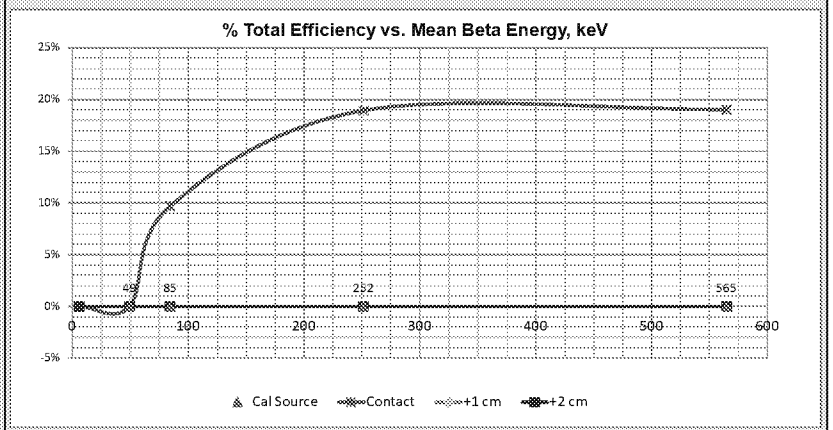
Contact	0.269			0.388	0.379	0.381
+1 cm						
+2 cm						

TOTAL EFFICIENCY (ε_T)

Contact	0.067			0.0970	0.189	0.190
+1 cm						
+2 cm						

ISO-7503 EFFICIENCY (ε) WORKSHEET





Rev Date 2013-08-19

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ISO-7503 EFFICIENCY (ε) WORKSHEET (Rev. 0)

INSTRUMENT/TECHNICIAN DETAILS

	Instrument	Detector
Make	Ludlum	Ludlum
Model	2360	43-37
Unique ID#	215271	PR216985
Cal. Due, YYYY-MM-DD	2020-03-04	
t_b - Bkgd. Count Time, min	2.0	
Bkgd. Total Counts (beta)	930	
Detector Active Area, cm^2		584
Window Areal Density, mg/cm^2		1.2

2pi efficiency data

Technician (First, Last)	B.Badaoui
Validation (First, Last)	Scott Hay
2 Pi Test Date, YYYY-MM-DD	2019-08-14
Test Site	Hunters Point Naval Shipyard

SOURCE DETAILS

Source	Th-230	H-3	C-14	Tc-99	Cl-36	Sr-90
Emission Type	α	β^-	β^-	β^-	β^-	β^-
Unique ID#	AC-2446	OR-256	AC-2447	AC-2448	AC-2449	AC-2450
Cert. Date, YYYY-MM-DD	2013-07-25	2006-11-01	2013-04-25	2013-04-25	2013-04-25	2013-05-22
Source Active Area, cm^2	150	100	150	150	150	150
Radioactive Half-life, yrs	75380	12.3	5700	211100	301000	28.8
Cert. Surface Emission Rate (SER), sec^{-1}	1080	1110	1260	1830	2480	4500
Decay Corrected (SER), sec^{-1}	1080	541	1259	1830	2480	3873
Mean Emission Energy, keV	4667	5.7	49	85	252	565
End-Point Emission Energy, keV	4684	18.6	156	294	710	2280
ε_s - Source Efficiency	0.25	0.25	0.25	0.25	0.50	0.50
t_s - Source Count Time, min	5	5	5	2	1	1

TEST DATA (enter gross counts - target >30000, required>10000 counts)

Contact	95,377			89,488	59,394	89,597
+1 cm						
+2 cm						

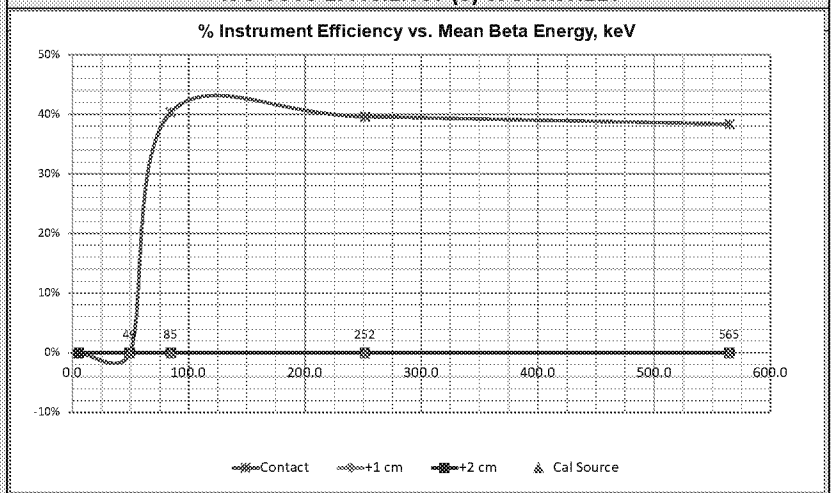
INSTRUMENT EFFICIENCY (ε_i)

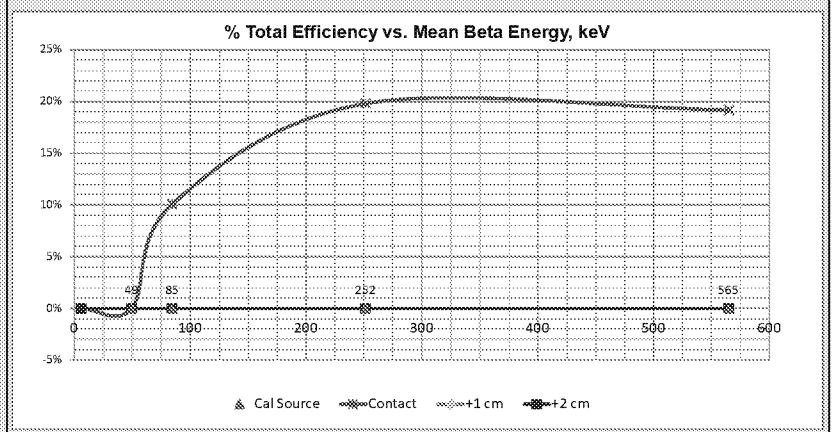
Contact	0.294			0.403	0.396	0.384
+1 cm						
+2 cm						

TOTAL EFFICIENCY (ε_T)

Contact	0.074			0.1008	0.198	0.192
+1 cm						
+2 cm						

ISO-7503 EFFICIENCY (ε) WORKSHEET





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CABRERA SERVICES
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ISO-7503 EFFICIENCY (ε) WORKSHEET (Rev. 0)

INSTRUMENT/TECHNICIAN DETAILS

	Instrument	Detector
Make	Ludlum	Ludlum
Model	2360	43-37
Unique ID#	220263	PR216985
Cal. Due, YYYY-MM-DD	2020-09-03	
t_b - Bkgd. Count Time, min	2.0	
Bkgd. Total Counts (beta)	1594	
Detector Active Area, cm^2		584
Window Areal Density, mg/cm^2		1.2

2pi efficiency data

Technician (First, Last)	B.Badaoui
Validation (First, Last)	Scott Hay
2 Pi Test Date, YYYY-MM-DD	2019-09-05
Test Site	Hunters Point Naval Shipyard

SOURCE DETAILS

Source	Th-230	H-3	C-14	Tc-99	Cl-36	Sr-90
Emission Type	α	β^-	β^-	β^-	β^-	β^-
Unique ID#	AC-2446	OR-256	AC-2447	AC-2448	AC-2449	AC-2450
Cert. Date, YYYY-MM-DD	2013-07-25	2006-11-01	2013-04-25	2013-04-25	2013-04-25	2013-05-22
Source Active Area, cm^2	150	100	150	150	150	150
Radioactive Half-life, yrs	75380	12.3	5700	211100	301000	28.8
Cert. Surface Emission Rate (SER), sec^{-1}	1080	1110	1260	1830	2480	4500
Decay Corrected (SER), sec^{-1}	1080	539	1259	1830	2480	3867
Mean Emission Energy, keV	4667	5.7	49	85	252	565
End-Point Emission Energy, keV	4684	18.6	156	294	710	2280
ε_s - Source Efficiency	0.25	0.25	0.25	0.25	0.50	0.50
t_s - Source Count Time, min	5	5	5	2	1	1

TEST DATA (enter gross counts - target >30000, required>10000 counts)

Contact	99,845			84,426	62,900	96,573
+1 cm						
+2 cm						

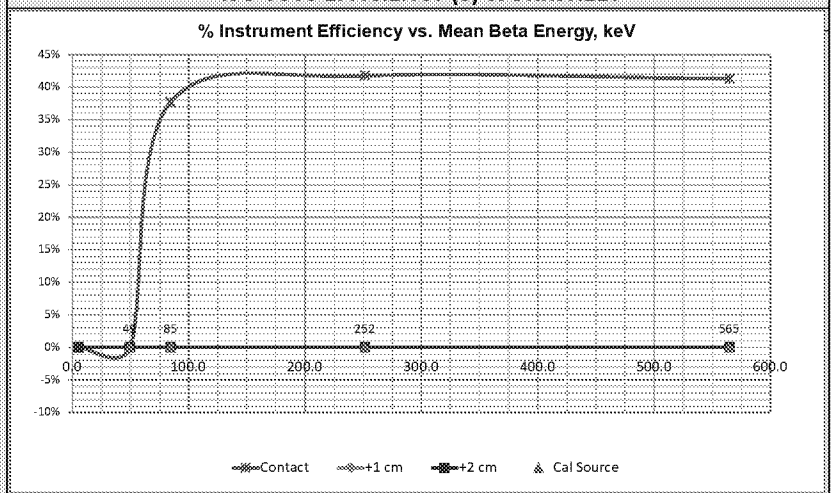
INSTRUMENT EFFICIENCY (ε_i)

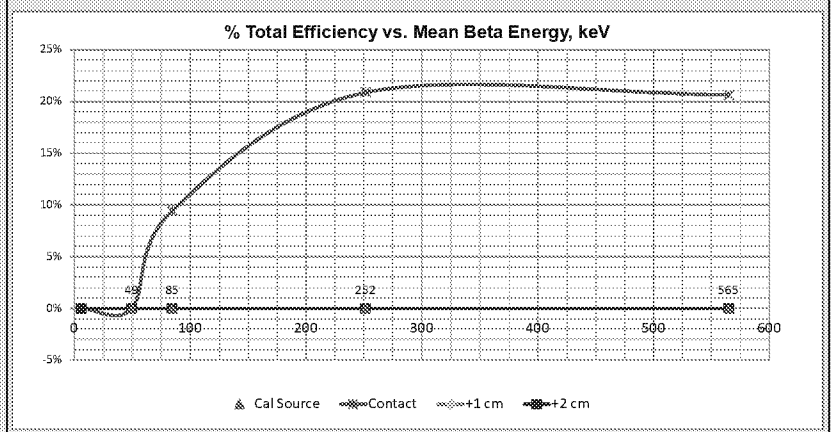
Contact	0.308			0.377	0.417	0.413
+1 cm						
+2 cm						

TOTAL EFFICIENCY (ε_T)

Contact	0.077			0.0943	0.209	0.206
+1 cm						
+2 cm						

ISO-7503 EFFICIENCY (ε) WORKSHEET





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ISO-7503 EFFICIENCY (ε) WORKSHEET (Rev. 0)

INSTRUMENT/TECHNICIAN DETAILS

	Instrument	Detector
Make	Ludlum	Ludlum
Model	2360	43-37
Unique ID#	245779	PR190618
Cal. Due, YYYY-MM-DD	2020-09-11	
t_b - Bkgd. Count Time, min	2.0	
Bkgd. Total Counts (beta)	1296	
Detector Active Area, cm²		584
Window Areal Density, mg/cm²		1.2

2pi efficiency data

Technician (First, Last)	B.Badaoui
Validation (First, Last)	Scott Hay
2 Pi Test Date, YYYY-MM-DD	2019-09-17
Test Site	Hunters Point Naval Shipyard

SOURCE DETAILS

Source	Th-230	H-3	C-14	Tc-99	Cl-36	Sr-90
Emission Type	α	β⁻	β⁻	β⁻	β⁻	β⁻
Unique ID#	AC-2446	OR-256	AC-2447	AC-2448	AC-2449	AC-2450
Cert. Date, YYYY-MM-DD	2013-07-25	2006-11-01	2013-04-25	2013-04-25	2013-04-25	2013-05-22
Source Active Area, cm²	150	100	150	150	150	150
Radioactive Half-life, yrs	75380	12.3	5700	211100	301000	28.8
Cert. Surface Emission Rate (SER), sec⁻¹	1080	1110	1260	1830	2480	4500
Decay Corrected (SER), sec⁻¹	1080	538	1259	1830	2480	3864
Mean Emission Energy, keV	4667	5.7	49	85	252	565
End-Point Emission Energy, keV	4684	18.6	156	294	710	2280
ε_s - Source Efficiency	0.25	0.25	0.25	0.25	0.50	0.50
t_s - Source Count Time, min	5	5	5	2	1	1

TEST DATA (enter gross counts - target >30000, required>10000 counts)

Contact	85,657			79,670	62,233	96,473
+1 cm						
+2 cm						

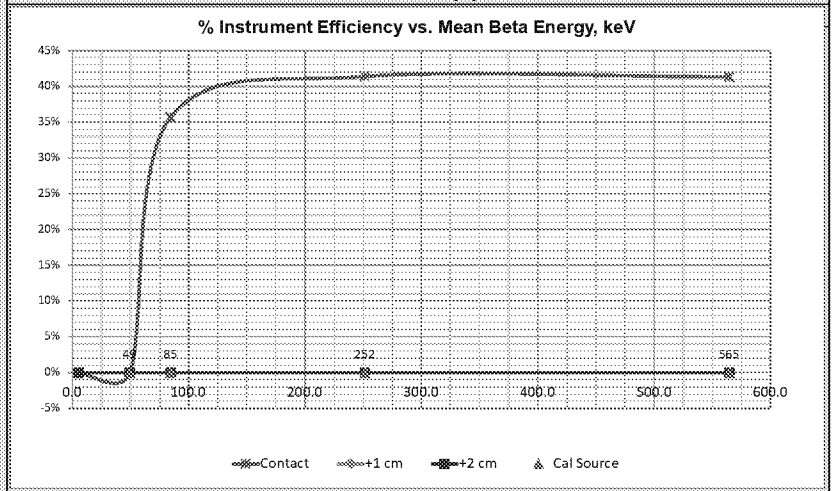
INSTRUMENT EFFICIENCY (ε_i)

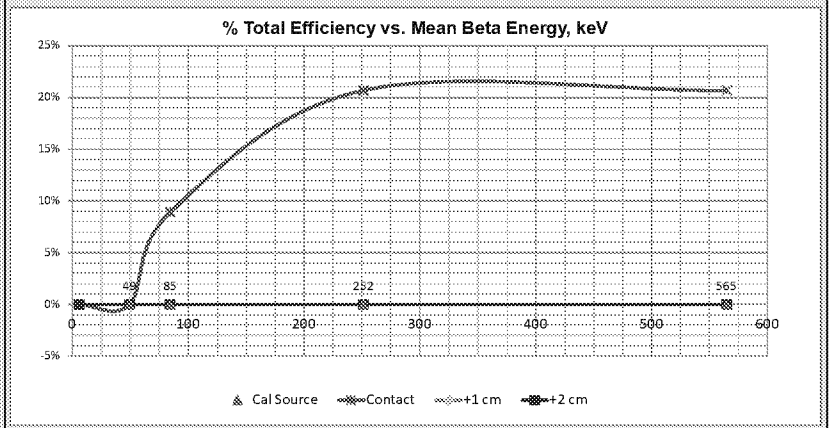
Contact	0.264			0.357	0.414	0.413
+1 cm						
+2 cm						

TOTAL EFFICIENCY (ε_T)

Contact	0.066			0.0892	0.207	0.207
+1 cm						
+2 cm						

ISO-7503 EFFICIENCY (ε) WORKSHEET





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CABRERA SERVICES
RADIOLOGICAL · ENGINEERING · REMEDIATION

ISO-7503 EFFICIENCY (ε) WORKSHEET (Rev. 0)

INSTRUMENT/TECHNICIAN DETAILS

	Instrument	Detector
Make	Ludlum	Ludlum
Model	2360	43-37
Unique ID#	278604	PR190617
Cal. Due, YYYY-MM-DD	2020-09-11	
t_b - Bkgd. Count Time, min	2.0	
Bkgd. Total Counts (beta)	1286	
Detector Active Area, cm^2		584
Window Areal Density, mg/cm^2		1.2

2pi efficiency data

Technician (First, Last)	B.Badaoui
Validation (First, Last)	Scott Hay
2 Pi Test Date, YYYY-MM-DD	2019-09-17
Test Site	Hunters Point Naval Shipyard

SOURCE DETAILS

Source	Th-230	H-3	C-14	Tc-99	Cl-36	Sr-90
Emission Type	α	β^-	β^-	β^-	β^-	β^-
Unique ID#	AC-2446	OR-256	AC-2447	AC-2448	AC-2449	AC-2450
Cert. Date, YYYY-MM-DD	2013-07-25	2006-11-01	2013-04-25	2013-04-25	2013-04-25	2013-05-22
Source Active Area, cm^2	150	100	150	150	150	150
Radioactive Half-life, yrs	75380	12.3	5700	211100	301000	28.8
Cert. Surface Emission Rate (SER), sec^{-1}	1080	1110	1260	1830	2480	4500
Decay Corrected (SER), sec^{-1}	1080	538	1259	1830	2480	3864
Mean Emission Energy, keV	4667	5.7	49	85	252	565
End-Point Emission Energy, keV	4684	18.6	156	294	710	2280
ε_s - Source Efficiency	0.25	0.25	0.25	0.25	0.50	0.50
t_s - Source Count Time, min	5	5	5	2	1	1

TEST DATA (enter gross counts - target >30000, required>10000 counts)

Contact	87,026			73,285	58,157	91,383
+1 cm						
+2 cm						

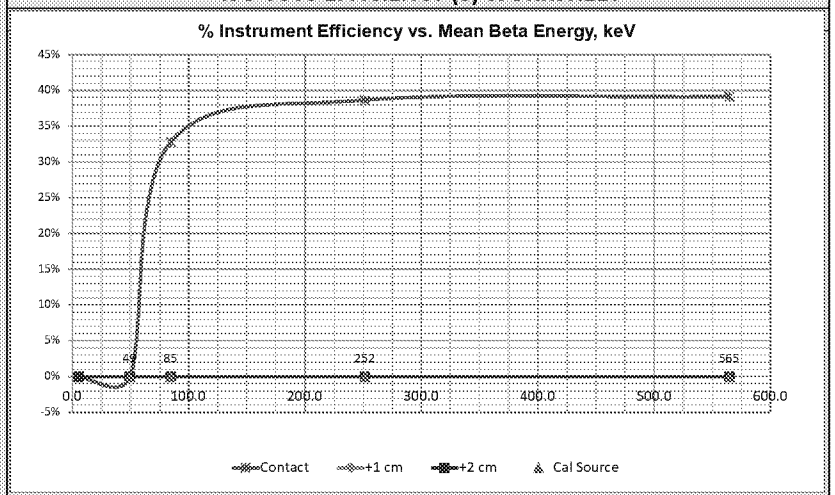
INSTRUMENT EFFICIENCY (ε_i)

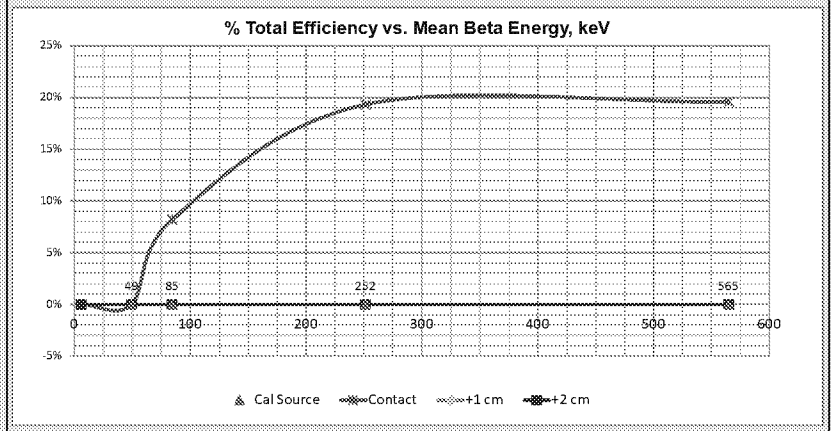
Contact	0.269			0.328	0.387	0.391
+1 cm						
+2 cm						

TOTAL EFFICIENCY (ε_T)

Contact	0.067			0.0820	0.193	0.196
+1 cm						
+2 cm						

ISO-7503 EFFICIENCY (ε) WORKSHEET





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CABRERA SERVICES

ISO-7503 EFFICIENCY (ε) WORKSHEET (Rev. 0)

INSTRUMENT/TECHNICIAN DETAILS

	Instrument	Detector
Make	Ludlum	Ludlum
Model	2360	43-37
Unique ID#	220242	PR124946
Cal. Due, YYYY-MM-DD	2021-02-28	
t_b - Bkgd. Count Time, min	2.0	
Bkgd. Total Counts (beta)	1357	
Detector Active Area, cm²		584
Window Areal Density, mg/cm²		1.2

2pi efficiency data

Technician (First, Last)	B.Badaoui/Karl Retherford
Validation (First, Last)	Scott Hay
2 Pi Test Date, YYYY-MM-DD	2020-03-09
Test Site	Hunters Point Parcel F

SOURCE DETAILS

Source	Th-230	H-3	C-14	Tc-99	Cl-36	Sr-90
Emission Type	α	β⁻	β⁻	β⁻	β⁻	β⁻
Unique ID#	AC-2446	OR-256	AC-2447	AC-2448	AC-2449	AC-2450
Cert. Date, YYYY-MM-DD	2013-07-25	2006-11-01	2013-04-25	2013-04-25	2013-04-25	2013-05-22
Source Active Area, cm²	150	100	150	150	150	150
Radioactive Half-life, yrs	75380	12.3	5700	211100	301000	28.8
Cert. Surface Emission Rate (SER), sec⁻¹	1080	1110	1260	1830	2480	4500
Decay Corrected (SER), sec⁻¹	1080	523	1259	1830	2480	3820
Mean Emission Energy, keV	4667	5.7	49	85	252	565
End-Point Emission Energy, keV	4684	18.6	156	294	710	2280
ε_s - Source Efficiency	0.25	0.25	0.25	0.25	0.50	0.50
t_s - Source Count Time, min	5	5	5	2	1	1

TEST DATA (enter gross counts - target >30000, required>10000 counts)

Contact	98,101			82,506	60,277	89,134
+1 cm						
+2 cm						

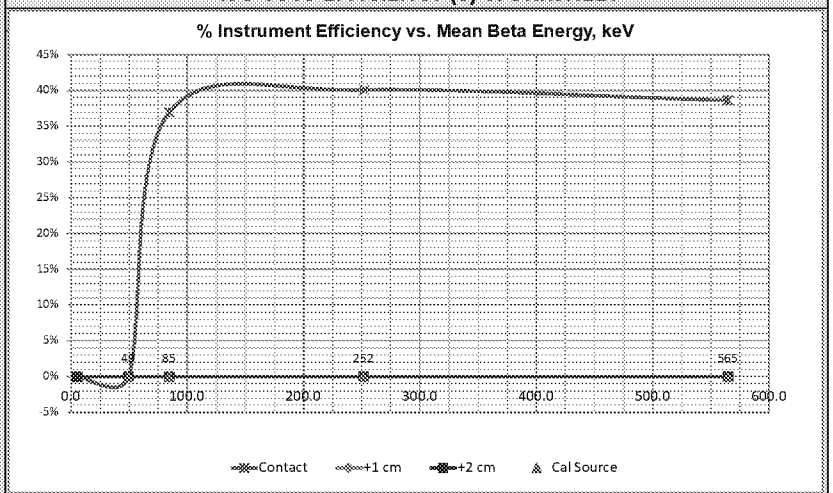
INSTRUMENT EFFICIENCY (ε_i)

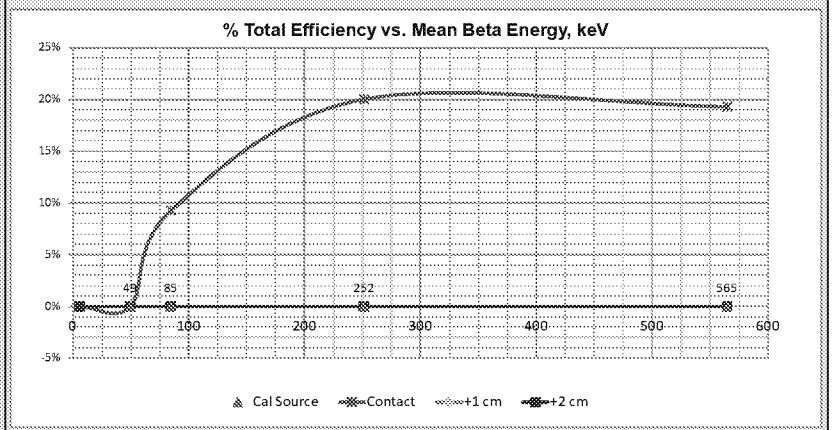
Contact	0.303			0.370	0.401	0.386
+1 cm						
+2 cm						

TOTAL EFFICIENCY (ε_T)

Contact	0.0757			0.0924	0.200	0.193
+1 cm						
+2 cm						

ISO-7503 EFFICIENCY (ε) WORKSHEET





Rev Date 2013-08-19

FRONT

CABRERA SERVICES
RADIOLOGICAL / ENGINEERING / RESTORATION

ISO-7503 EFFICIENCY (ε) WORKSHEET (Rev. 0)

INSTRUMENT/TECHNICIAN DETAILS

	Instrument	Detector
Make	Ludlum	Ludlum
Model	2360	43-93
Unique ID#	184909	PR199841
Cal. Due, YYYY-MM-DD	2020-02-19	
t_b - Bkgd. Count Time, min	2.0	
Bkgd. Total Counts (beta)	273.0	
Detector Active Area, cm^2		100
Window Areal Density, mg/cm^2		1.2

2pi efficiency data

Technician (First, Last)	B.Badaoui
Validation (First, Last)	Scott Hay
2 Pi Test Date, YYYY-MM-DD	2019-08-12
Test Site	Hunters Point Naval Shipyard

SOURCE DETAILS

Source	Th-230	H-3	C-14	Tc-99	Cl-36	SrY-90
Emission Type	α	β^-	β^-	β^-	β^-	β^-
Unique ID#	AC-2446	OR-256	AC-2447	AC-2448	AC-2449	AC-2450
Cert. Date, YYYY-MM-DD	2013-07-25	2006-11-01	2013-04-25	2013-04-25	2013-04-25	2013-05-22
Source Active Area, cm^2	150	100	150	150	150	150
Radioactive Half-life, yrs	75380	12.3	5700	211100	301000	28.8
Cert. Surface Emission Rate (SER), sec^{-1}	1080	1110	1260	1830	2480	4500
Decay Corrected (SER), sec^{-1}	1080	541	1259	1830	2480	3874
Mean Emission Energy, keV	4667	5.7	49	85	252	565
End-Point Emission Energy, keV	4684	18.6	156	294	710	2280
ε_S - Source Efficiency	0.25	0.25	0.25	0.25	0.50	0.50
t_s - Source Count Time, min	5	5	5	2	1	1

TEST DATA (enter gross counts - target >30000, required>10000 counts)

Contact	95,566			40,163	73,327	46,992
+1 cm						
+2 cm						

INSTRUMENT EFFICIENCY (ε_i)

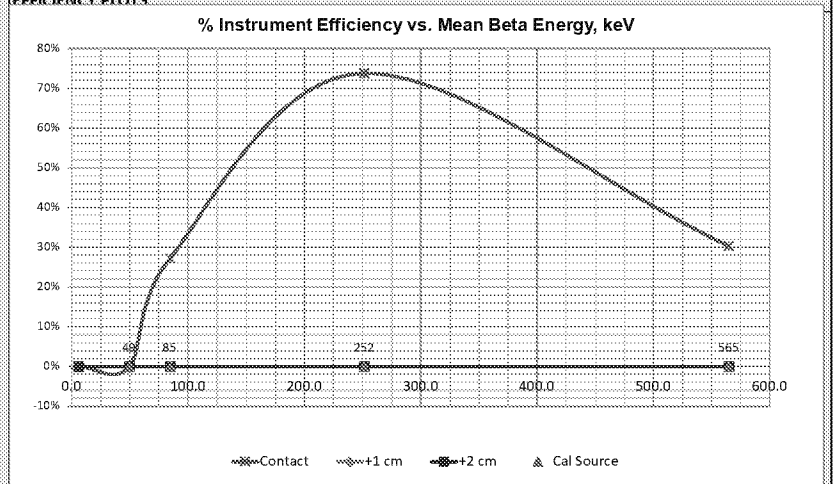
Contact	0.442			0.272	0.738	0.302
+1 cm						
+2 cm						

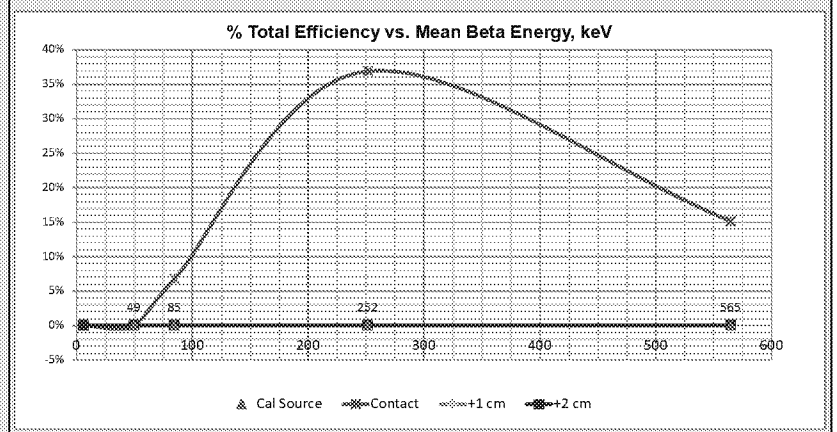
TOTAL EFFICIENCY (ε_T)

Contact	0.111			0.0681	0.369	0.151
+1 cm						
+2 cm						

ISO-7503 EFFICIENCY (ε) WORKSHEET

EFFICIENCY PLOTS





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CABRERA SERVICES
RADIOLOGICAL · ENGINEERING · REMEDIATION

ISO-7503 EFFICIENCY (ε) WORKSHEET (Rev. 0)

INSTRUMENT/TECHNICIAN DETAILS

	Instrument	Detector
Make	Ludlum	Ludlum
Model	2360	43-37
Unique ID#	275739	PR302114
Cal. Due, YYYY-MM-DD	2020-11-11	
t_b - Bkgd. Count Time, min	2.0	
Bkgd. Total Counts (beta)	1569	
Detector Active Area, cm²		584
Window Areal Density, mg/cm²		1.2

2pi efficiency data

Technician (First, Last)	B.Badaoui
Validation (First, Last)	Scott Hay
2 Pi Test Date, YYYY-MM-DD	2019-11-13
Test Site	Hunters Point Naval Shipyard

SOURCE DETAILS

Source	Th-230	H-3	C-14	Tc-99	Cl-36	Sr-90
Emission Type	α	β⁻	β⁻	β⁻	β⁻	β⁻
Unique ID#	AC-2446	OR-256	AC-2447	AC-2448	AC-2449	AC-2450
Cert. Date, YYYY-MM-DD	2013-07-25	2006-11-01	2013-04-25	2013-04-25	2013-04-25	2013-05-22
Source Active Area, cm²	150	100	150	150	150	150
Radioactive Half-life, yrs	75380	12.3	5700	211100	301000	28.8
Cert. Surface Emission Rate (SER), sec⁻¹	1080	1110	1260	1830	2480	4500
Decay Corrected (SER), sec⁻¹	1080	533	1259	1830	2480	3850
Mean Emission Energy, keV	4667	5.7	49	85	252	565
End-Point Emission Energy, keV	4684	18.6	156	294	710	2280
ε_s - Source Efficiency	0.25	0.25	0.25	0.25	0.50	0.50
t_s - Source Count Time, min	5	5	5	2	1	1

TEST DATA (enter gross counts - target >30000, required>10000 counts)

Contact	98,732			76,051	59,944	91,097
+1 cm						
+2 cm						

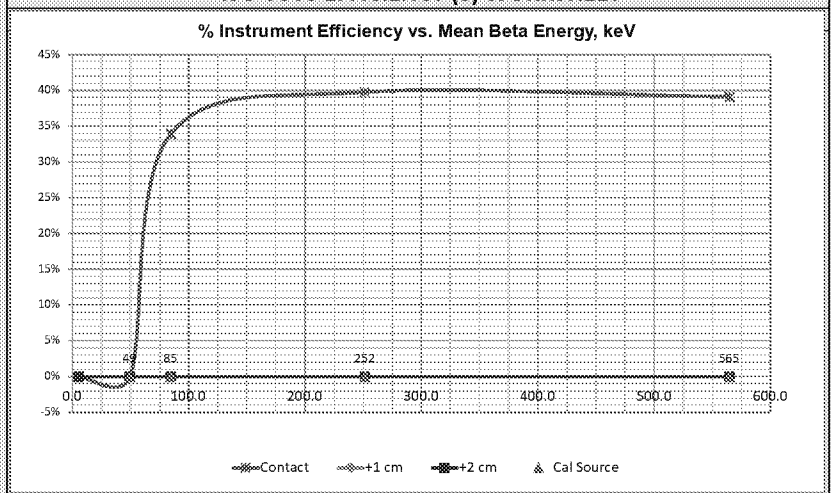
INSTRUMENT EFFICIENCY (ε_i)

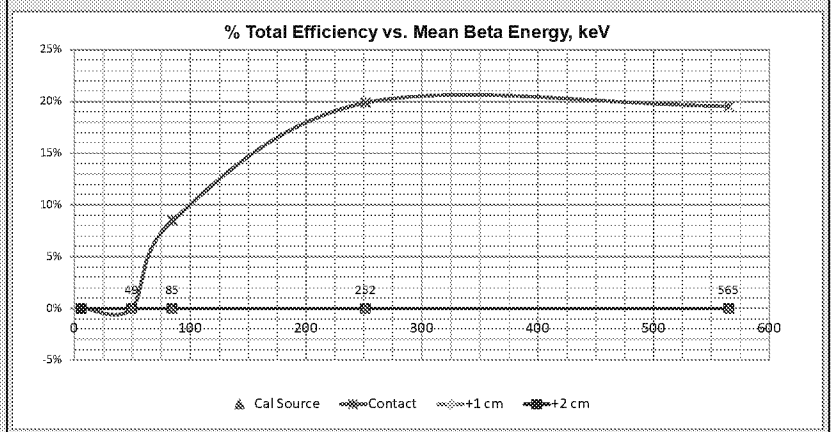
Contact	0.305			0.339	0.398	0.391
+1 cm						
+2 cm						

TOTAL EFFICIENCY (ε_T)

Contact	0.076			0.0848	0.199	0.195
+1 cm						
+2 cm						

ISO-7503 EFFICIENCY (ε) WORKSHEET





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CABRERA SERVICES
RADIOLOGICAL · ENGINEERING · RESTORATION

ISO-7503 EFFICIENCY (ε) WORKSHEET (Rev. 0)

INSTRUMENT/TECHNICIAN DETAILS

	Instrument	Detector
Make	Ludlum	Ludlum
Model	2360	43-93
Unique ID#	276943	PR199841
Cal. Due, YYYY-MM-DD	2021-02-12	
t_b - Bkgd. Count Time, min	2.0	
Bkgd. Total Counts (beta)	213.0	
Detector Active Area, cm²		100
Window Areal Density, mg/cm²		1.2

2pi efficiency data

Technician (First, Last)	B.Badaoui/Karl Retherford
Validation (First, Last)	Scott Hay
2 Pi Test Date, YYYY-MM-DD	2020-03-09
Test Site	Hunters Point Parcel F

SOURCE DETAILS

Source	Th-230	H-3	C-14	Tc-99	Cl-36	SrY-90
Emission Type	α	β^-	β^-	β^-	β	β
Unique ID#	AC-2446	OR-256	AC-2447	AC-2448	AC-2449	AC-2450
Cert. Date, YYYY-MM-DD	2013-07-25	2006-11-01	2013-04-25	2013-04-25	2013-04-25	2013-05-22
Source Active Area, cm²	150	100	150	150	150	150
Radioactive Half-life, yrs	75380	12.3	5700	211100	301000	28.8
Cert. Surface Emission Rate (SER), sec⁻¹	1080	1110	1260	1830	2480	4500
Decay Corrected (SER), sec⁻¹	1080	523	1259	1830	2480	3820
Mean Emission Energy, keV	4667	5.7	49	85	252	565
End-Point Emission Energy, keV	4684	18.6	156	294	710	2280
ε_s - Source Efficiency	0.25	0.25	0.25	0.25	0.50	0.50
t_s - Source Count Time, min	5	5	5	2	1	1

TEST DATA (enter gross counts - target >30000, required>10000 counts)

Contact	88,833			33,053	41,733	62,586
+1 cm						
+2 cm						

INSTRUMENT EFFICIENCY (ε_i)

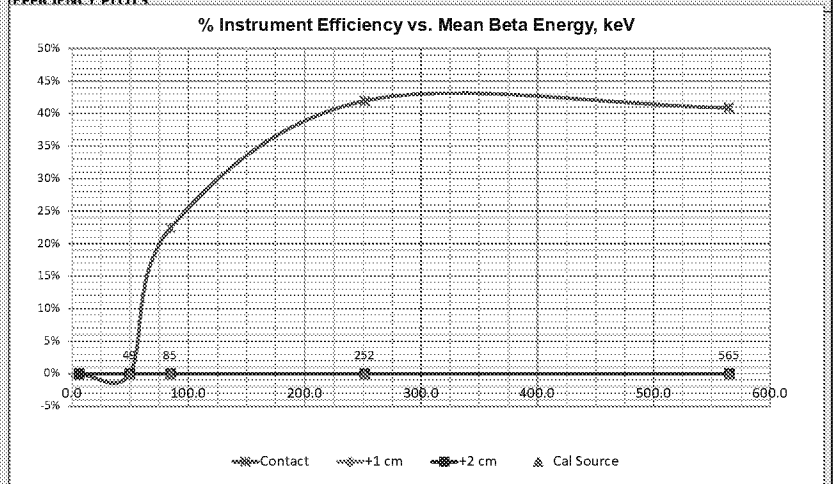
Contact	0.411			0.224	0.420	0.409
+1 cm						
+2 cm						

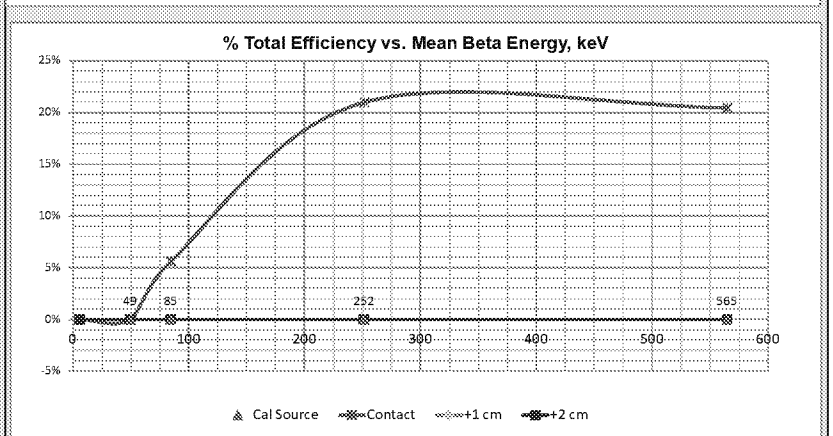
TOTAL EFFICIENCY (ε_T)

Contact	0.1028			0.0561	0.210	0.204
+1 cm						
+2 cm						

ISO-7503 EFFICIENCY (ε) WORKSHEET

EFFICIENCY PLOTS





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APPENDIX F
GAMMA SURVEY DATA

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Gamma Scan Survey Results
Survey Unit 4 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
0	9/12/2019	7:53:23	-122.363	37.718	2089284.492	6022938.264		2300.187	RS-700	0.95714924528
1	9/12/2019	7:53:24	-122.363	37.718	2089284.492	6022938.235		2230.019	RS-700	0.51584226415
2	9/12/2019	7:53:25	-122.363	37.718	2089284.492	6022938.235		2185.218	RS-700	0.23407377359
3	9/12/2019	7:53:26	-122.363	37.718	2089284.493	6022938.206		2276.577	RS-700	0.80866106918
4	9/12/2019	7:53:27	-122.363	37.718	2089284.493	6022938.206		2182.101	RS-700	0.21447226415
5	9/12/2019	7:53:28	-122.363	37.718	2089284.529	6022938.207		2240.131	RS-700	0.57943798742
6	9/12/2019	7:53:29	-122.363	37.718	2089284.529	6022938.207		2170.883	RS-700	0.14392106918
7	9/12/2019	7:53:30	-122.363	37.718	2089284.493	6022938.206		2274.054	RS-700	0.79279188679
8	9/12/2019	7:53:31	-122.363	37.718	2089284.493	6022938.206		2217.450	RS-700	0.43679377359
9	9/12/2019	7:53:32	-122.363	37.718	2089284.418	6022938.291		2237.796	RS-700	0.56475710692
10	9/12/2019	7:53:33	-122.363	37.718	2089284.270	6022938.433		2258.916	RS-700	0.69758496855
11	9/12/2019	7:53:34	-122.363	37.718	2089284.084	6022938.603		2247.796	RS-700	0.62764509434
12	9/12/2019	7:53:35	-122.363	37.718	2089283.562	6022939.229		2324.185	RS-700	1.10808069182
13	9/12/2019	7:53:36	-122.363	37.718	2089282.961	6022940.143		2337.182	RS-700	1.18982138365
14	9/12/2019	7:53:37	-122.363	37.718	2089282.177	6022941.111		2312.419	RS-700	1.03408169811
15	9/12/2019	7:53:38	-122.363	37.718	2089281.500	6022942.168		2336.180	RS-700	1.18351987421
16	9/12/2019	7:53:39	-122.363	37.718	2089280.673	6022943.453		2357.838	RS-700	1.31973786164
17	9/12/2019	7:53:40	-122.363	37.718	2089279.958	6022944.625		2331.185	RS-700	1.15210761006
18	9/12/2019	7:53:41	-122.363	37.718	2089279.168	6022945.911		2357.603	RS-700	1.31825748428
19	9/12/2019	7:53:42	-122.363	37.718	2089278.340	6022947.254		2258.397	RS-700	0.69431861635
20	9/12/2019	7:53:43	-122.363	37.718	2089277.402	6022948.653		2205.677	RS-700	0.36274805031
21	9/12/2019	7:53:44	-122.363	37.718	2089275.011	6022951.672		2223.681	RS-700	0.47597974843
22	9/12/2019	7:53:45	-122.363	37.718	2089273.999	6022953.070		2283.263	RS-700	0.85070811321
23	9/12/2019	7:53:46	-122.363	37.718	2089273.061	6022954.469		2290.268	RS-700	0.89476993711
24	9/12/2019	7:53:47	-122.363	37.718	2089271.977	6022955.894		2259.232	RS-700	0.69957100629
25	9/12/2019	7:53:48	-122.363	37.718	2089270.750	6022957.142		2296.404	RS-700	0.93335798742
26	9/12/2019	7:53:49	-122.363	37.718	2089269.486	6022958.448		2398.708	RS-700	1.57678226415
27	9/12/2019	7:53:50	-122.363	37.718	2089268.366	6022959.814		2370.198	RS-700	1.39746962264
28	9/12/2019	7:53:51	-122.363	37.718	2089267.280	6022961.297		2268.479	RS-700	0.75772723270
29	9/12/2019	7:53:52	-122.363	37.718	2089266.193	6022962.837		2400.210	RS-700	1.58622440252
30	9/12/2019	7:53:53	-122.363	37.718	2089265.218	6022964.264		2236.795	RS-700	0.55846176101
31	9/12/2019	7:53:54	-122.363	37.718	2089264.206	6022965.720		2237.018	RS-700	0.55986446541
32	9/12/2019	7:53:55	-122.363	37.718	2089263.014	6022967.027		2321.174	RS-700	1.08914345912
33	9/12/2019	7:53:56	-122.363	37.718	2089261.746	6022968.535		2163.552	RS-700	0.09781012579
34	9/12/2019	7:53:57	-122.363	37.718	2089260.588	6022969.987		2276.697	RS-700	0.80941295598
35	9/12/2019	7:53:58	-122.363	37.718	2089259.467	6022971.411		2269.259	RS-700	0.76263792453
36	9/12/2019	7:53:59	-122.363	37.718	2089258.385	6022972.750		2294.042	RS-700	0.91850522013
37	9/12/2019	7:54:00	-122.363	37.718	2089257.301	6022974.146		2268.689	RS-700	0.75904754717
38	9/12/2019	7:54:01	-122.363	37.718	2089256.180	6022975.541		2352.535	RS-700	1.28638163522
39	9/12/2019	7:54:02	-122.363	37.718	2089255.057	6022977.110		2285.809	RS-700	0.86672610063
40	9/12/2019	7:54:03	-122.363	37.718	2089253.969	6022978.708		2232.669	RS-700	0.53250823899
41	9/12/2019	7:54:04	-122.363	37.718	2089252.992	6022980.222		2244.799	RS-700	0.60880081761
42	9/12/2019	7:54:05	-122.363	37.718	2089251.943	6022981.676		2291.051	RS-700	0.89969257862
43	9/12/2019	7:54:06	-122.363	37.718	2089250.897	6022982.986		2278.597	RS-700	0.82136566038
44	9/12/2019	7:54:07	-122.363	37.718	2089249.850	6022984.383		2305.397	RS-700	0.98991509434
45	9/12/2019	7:54:08	-122.363	37.718	2089248.874	6022985.810		2230.475	RS-700	0.51870886793
46	9/12/2019	7:54:09	-122.362	37.718	2089248.016	6022986.864		2199.445	RS-700	0.32355194969
47	9/12/2019	7:54:10	-122.362	37.718	2089247.338	6022987.949		2226.679	RS-700	0.49483779874
48	9/12/2019	7:54:11	-122.362	37.718	2089246.950	6022989.186		2232.905	RS-700	0.53399270440
49	9/12/2019	7:54:12	-122.362	37.718	2089246.892	6022990.255		2077.740	RS-700	-0.44188955975
50	9/12/2019	7:54:13	-122.362	37.718	2089246.953	6022990.864		2093.850	RS-700	-0.34056735849
51	9/12/2019	7:54:14	-122.362	37.718	2089248.323	6022989.734		2251.024	RS-700	0.64794779874
52	9/12/2019	7:54:15	-122.362	37.718	2089248.460	6022990.142		2222.902	RS-700	0.47108264151
53	9/12/2019	7:54:16	-122.362	37.718	2089248.738	6022990.841		2160.981	RS-700	0.08164301887
54	9/12/2019	7:54:17	-122.362	37.718	2089248.944	6022991.453		2207.112	RS-700	0.37177421384
55	9/12/2019	7:54:18	-122.362	37.718	2089248.975	6022991.743		2197.106	RS-700	0.30884408805
56	9/12/2019	7:54:19	-122.362	37.718	2089249.166	6022991.255		2187.216	RS-700	0.24664377359
57	9/12/2019	7:54:20	-122.362	37.718	2089249.546	6022990.481		2168.770	RS-700	0.13063132076
58	9/12/2019	7:54:21	-122.362	37.718	2089249.701	6022989.993		2170.874	RS-700	0.14386088050
59	9/12/2019	7:54:22	-122.362	37.718	2089249.628	6022990.020		2278.370	RS-700	0.81993786164
60	9/12/2019	7:54:23	-122.362	37.718	2089249.467	6022990.769		2151.519	RS-700	0.02213232704

Gamma Scan Survey Results
Survey Unit 4 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
61	9/12/2019 7:54:24		-122.362	37.718	2089249.045	6022991.860		2145.762	RS-700	-0.01407647799
62	9/12/2019 7:54:25		-122.362	37.718	2089247.060	6022994.598		2262.829	RS-700	0.72219616352
63	9/12/2019 7:54:26		-122.362	37.718	2089246.425	6022995.424		2177.091	RS-700	0.18296138365
64	9/12/2019 7:54:27		-122.362	37.718	2089245.788	6022996.308		2209.675	RS-700	0.38789603774
65	9/12/2019 7:54:28		-122.362	37.718	2089245.299	6022997.109		2263.925	RS-700	0.72908672956
66	9/12/2019 7:54:29		-122.362	37.718	2089244.774	6022997.879		2237.017	RS-700	0.55985320755
67	9/12/2019 7:54:30		-122.362	37.718	2089245.410	6022997.024		2166.448	RS-700	0.11602383648
68	9/12/2019 7:54:31		-122.362	37.718	2089244.415	6022997.583		2165.204	RS-700	0.10819993711
69	9/12/2019 7:54:32		-122.362	37.718	2089243.609	6022997.856		2186.225	RS-700	0.24041044025
70	9/12/2019 7:54:33		-122.362	37.718	2089243.354	6022997.822		2199.788	RS-700	0.32571333333
71	9/12/2019 7:54:34		-122.362	37.718	2089242.956	6022997.698		2107.431	RS-700	-0.25515207547
72	9/12/2019 7:54:35		-122.362	37.718	2089242.014	6022997.477		2147.550	RS-700	-0.00282716981
73	9/12/2019 7:54:36		-122.362	37.718	2089240.957	6022997.485		2184.135	RS-700	0.22726584906
74	9/12/2019 7:54:37		-122.362	37.718	2089239.713	6022997.807		2180.873	RS-700	0.20674729560
75	9/12/2019 7:54:38		-122.362	37.718	2089238.943	6022998.053		2175.770	RS-700	0.17465666667
76	9/12/2019 7:54:39		-122.362	37.718	2089238.833	6022998.108		2189.107	RS-700	0.25853201258
77	9/12/2019 7:54:40		-122.362	37.718	2089239.350	6022997.713		2176.441	RS-700	0.17887459120
78	9/12/2019 7:54:41		-122.362	37.718	2089240.236	6022997.152		2113.647	RS-700	-0.21605553459
79	9/12/2019 7:54:42		-122.362	37.718	2089240.678	6022996.901		2144.187	RS-700	-0.02398056604
80	9/12/2019 7:54:43		-122.362	37.718	2089240.422	6022996.954		2129.549	RS-700	-0.11604610063
81	9/12/2019 7:54:44		-122.362	37.718	2089239.798	6022997.202		2165.076	RS-700	0.10739660377
82	9/12/2019 7:54:45		-122.362	37.718	2089239.170	6022997.652		2193.671	RS-700	0.28723754717
83	9/12/2019 7:54:46		-122.362	37.718	2089238.797	6022998.079		2207.219	RS-700	0.37244396226
84	9/12/2019 7:54:47		-122.362	37.718	2089237.193	6022999.985		2256.363	RS-700	0.68152685535
85	9/12/2019 7:54:48		-122.362	37.718	2089236.968	6023000.328		2204.481	RS-700	0.35522672956
86	9/12/2019 7:54:49		-122.362	37.718	2089236.256	6023001.326		2153.194	RS-700	0.03266666667
87	9/12/2019 7:54:50		-122.362	37.718	2089235.471	6023002.352		2189.670	RS-700	0.26207666667
88	9/12/2019 7:54:51		-122.362	37.718	2089234.795	6023003.351		2118.536	RS-700	-0.18530716981
89	9/12/2019 7:54:52		-122.362	37.718	2089233.935	6023004.491		2141.652	RS-700	-0.03992176101
90	9/12/2019 7:54:53		-122.362	37.718	2089233.000	6023005.716		2163.996	RS-700	0.10060641509
91	9/12/2019 7:54:54		-122.362	37.718	2089232.175	6023006.886		2188.110	RS-700	0.25226320755
92	9/12/2019 7:54:55		-122.362	37.718	2089231.386	6023008.114		2155.881	RS-700	0.04956358491
93	9/12/2019 7:54:56		-122.362	37.718	2089230.524	6023009.341		2234.262	RS-700	0.54252886793
94	9/12/2019 7:54:57		-122.362	37.718	2089229.663	6023010.539		2215.455	RS-700	0.42424408805
95	9/12/2019 7:54:58		-122.362	37.718	2089228.801	6023011.766		2194.107	RS-700	0.28998163522
96	9/12/2019 7:54:59		-122.362	37.718	2089227.904	6023012.876		2243.684	RS-700	0.60178301887
97	9/12/2019 7:55:00		-122.362	37.718	2089226.824	6023014.099		2087.957	RS-700	-0.37763144654
98	9/12/2019 7:55:01		-122.362	37.718	2089225.782	6023015.235		2111.540	RS-700	-0.22930937107
99	9/12/2019 7:55:02		-122.362	37.718	2089224.772	6023016.575		2115.330	RS-700	-0.20547465409
100	9/12/2019 7:55:03		-122.362	37.718	2089223.799	6023017.857		2081.366	RS-700	-0.41908477987
101	9/12/2019 7:55:04		-122.362	37.718	2089222.901	6023019.084		2159.202	RS-700	0.07045308176
102	9/12/2019 7:55:05		-122.362	37.718	2089221.963	6023020.454		2141.190	RS-700	-0.04283264151
103	9/12/2019 7:55:06		-122.362	37.718	2089221.174	6023021.653		2176.335	RS-700	0.17820471698
104	9/12/2019 7:55:07		-122.362	37.718	2089220.349	6023022.881		2220.902	RS-700	0.45850194969
105	9/12/2019 7:55:08		-122.362	37.718	2089219.563	6023023.935		2178.099	RS-700	0.18930459120
106	9/12/2019 7:55:09		-122.362	37.718	2089218.740	6023025.047		2244.695	RS-700	0.60814540881
107	9/12/2019 7:55:10		-122.362	37.718	2089217.769	6023026.243		2264.806	RS-700	0.73463119497
108	9/12/2019 7:55:11		-122.362	37.718	2089216.832	6023027.555		2208.556	RS-700	0.38085710692
109	9/12/2019 7:55:12		-122.362	37.718	2089215.970	6023028.782		2129.979	RS-700	-0.11333666667
110	9/12/2019 7:55:13		-122.362	37.718	2089215.110	6023029.922		2200.563	RS-700	0.33058660377
111	9/12/2019 7:55:14		-122.362	37.718	2089214.475	6023030.719		2120.283	RS-700	-0.17432069182
112	9/12/2019 7:55:15		-122.362	37.718	2089213.945	6023031.750		2198.563	RS-700	0.31800635220
113	9/12/2019 7:55:16		-122.362	37.718	2089213.192	6023032.979		2305.283	RS-700	0.98920308176
114	9/12/2019 7:55:17		-122.362	37.718	2089212.331	6023034.119		2201.451	RS-700	0.33616905660
115	9/12/2019 7:55:18		-122.362	37.718	2089211.548	6023035.059		2274.805	RS-700	0.79751729560
116	9/12/2019 7:55:19		-122.362	37.718	2089210.917	6023035.653		2158.656	RS-700	0.06702069182
117	9/12/2019 7:55:20		-122.362	37.718	2089211.329	6023035.054		2260.486	RS-700	0.70746088050
118	9/12/2019 7:55:21		-122.362	37.718	2089211.212	6023035.486		2112.329	RS-700	-0.22434817610
119	9/12/2019 7:55:22		-122.362	37.718	2089211.053	6023036.148		2315.717	RS-700	1.05482452830
120	9/12/2019 7:55:23		-122.362	37.718	2089210.935	6023036.551		2217.016	RS-700	0.43406396226
121	9/12/2019 7:55:24		-122.362	37.718	2089211.013	6023036.321		2330.063	RS-700	1.14504716981

Gamma Scan Survey Results
Survey Unit 4 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
122	9/12/2019 7:55:25		-122.362	37.718	2089211.066	6023035.483		2208.113	RS-700	0.37807213837
123	9/12/2019 7:55:26		-122.362	37.718	2089211.010	6023034.614		2225.124	RS-700	0.48505566038
124	9/12/2019 7:55:27		-122.362	37.718	2089211.049	6023034.528		2292.353	RS-700	0.90787786164
125	9/12/2019 7:55:28		-122.362	37.718	2089211.008	6023034.758		2313.864	RS-700	1.04317088050
126	9/12/2019 7:55:29		-122.362	37.718	2089210.918	6023035.596		2373.080	RS-700	1.41559559748
127	9/12/2019 7:55:30		-122.362	37.718	2089210.831	6023036.317		2225.124	RS-700	0.48505364780
128	9/12/2019 7:55:31		-122.362	37.718	2089210.824	6023036.664		2267.684	RS-700	0.75273245283
129	9/12/2019 7:55:32		-122.362	37.718	2089210.789	6023036.606		2131.877	RS-700	-0.10140163522
130	9/12/2019 7:55:33		-122.362	37.718	2089210.729	6023035.968		2225.235	RS-700	0.48575685535
131	9/12/2019 7:55:34		-122.362	37.718	2089210.644	6023034.751		2152.300	RS-700	0.02704622642
132	9/12/2019 7:55:35		-122.362	37.718	2089210.687	6023034.376		2285.271	RS-700	0.86333937107
133	9/12/2019 7:55:36		-122.362	37.718	2089210.603	6023034.953		2213.009	RS-700	0.40885943396
134	9/12/2019 7:55:37		-122.362	37.718	2089210.589	6023035.647		2240.337	RS-700	0.58073754717
135	9/12/2019 7:55:38		-122.362	37.718	2089210.614	6023036.226		2239.134	RS-700	0.57317138365
136	9/12/2019 7:55:39		-122.362	37.718	2089210.713	6023036.749		2282.697	RS-700	0.84714981132
137	9/12/2019 7:55:40		-122.362	37.718	2089210.924	6023037.129		2173.206	RS-700	0.15853062893
138	9/12/2019 7:55:41		-122.362	37.718	2089211.527	6023037.951		2240.799	RS-700	0.58363855346
139	9/12/2019 7:55:42		-122.362	37.718	2089211.138	6023037.336		2224.678	RS-700	0.48225358491
140	9/12/2019 7:55:43		-122.362	37.718	2089211.530	6023037.806		2314.824	RS-700	1.04920754717
141	9/12/2019 7:55:44		-122.362	37.718	2089211.987	6023038.626		2225.010	RS-700	0.48434201258
142	9/12/2019 7:55:45		-122.362	37.718	2089212.228	6023039.296		2203.338	RS-700	0.34803679245
143	9/12/2019 7:55:46		-122.362	37.718	2089212.231	6023039.151		2224.679	RS-700	0.48225547170
144	9/12/2019 7:55:47		-122.362	37.718	2089212.471	6023038.057		2218.136	RS-700	0.44110949686
145	9/12/2019 7:55:48		-122.362	37.718	2089212.477	6023037.796		2253.021	RS-700	0.66050823899
146	9/12/2019 7:55:49		-122.362	37.718	2089212.493	6023038.809		2266.013	RS-700	0.74222100629
147	9/12/2019 7:55:50		-122.362	37.718	2089212.325	6023039.905		2205.226	RS-700	0.35991339623
148	9/12/2019 7:55:51		-122.362	37.718	2089211.835	6023040.763		2109.537	RS-700	-0.24190867925
149	9/12/2019 7:55:52		-122.362	37.718	2089211.197	6023041.705		2230.906	RS-700	0.52142226415
150	9/12/2019 7:55:53		-122.362	37.718	2089210.377	6023042.644		2212.233	RS-700	0.40397823899
151	9/12/2019 7:55:54		-122.362	37.718	2089209.372	6023043.752		2251.372	RS-700	0.65013792453
152	9/12/2019 7:55:55		-122.362	37.718	2089208.956	6023044.496		2235.568	RS-700	0.55074169811
153	9/12/2019 7:55:56		-122.362	37.718	2089208.692	6023044.983		2100.756	RS-700	-0.29713427673
154	9/12/2019 7:55:57		-122.362	37.718	2089208.058	6023045.693		2193.564	RS-700	0.28656811321
155	9/12/2019 7:55:58		-122.362	37.718	2089207.215	6023045.995		2160.870	RS-700	0.08094496855
156	9/12/2019 7:55:59		-122.362	37.718	2089207.803	6023045.717		2210.680	RS-700	0.39421654088
157	9/12/2019 7:56:00		-122.362	37.718	2089208.779	6023046.084		2187.779	RS-700	0.25018540881
158	9/12/2019 7:56:01		-122.362	37.718	2089208.484	6023046.251		2221.464	RS-700	0.46203836478
159	9/12/2019 7:56:02		-122.362	37.718	2089207.582	6023045.857		2182.771	RS-700	0.21868628931
160	9/12/2019 7:56:03		-122.362	37.718	2089208.203	6023045.754		2145.767	RS-700	-0.01404320755
161	9/12/2019 7:56:04		-122.362	37.718	2089209.585	6023045.839		2225.918	RS-700	0.49004842767
162	9/12/2019 7:56:05		-122.362	37.718	2089209.221	6023045.832		2188.916	RS-700	0.25733056604
163	9/12/2019 7:56:06		-122.362	37.718	2089208.163	6023045.927		2171.099	RS-700	0.14527465409
164	9/12/2019 7:56:07		-122.362	37.718	2089206.962	6023045.903		2207.667	RS-700	0.37526389937
165	9/12/2019 7:56:08		-122.362	37.718	2089205.725	6023045.820		2184.447	RS-700	0.22922345912
166	9/12/2019 7:56:09		-122.362	37.718	2089204.821	6023045.513		2240.917	RS-700	0.58438188679
167	9/12/2019 7:56:10		-122.362	37.718	2089204.168	6023045.384		2259.806	RS-700	0.70318540881
168	9/12/2019 7:56:11		-122.362	37.718	2089203.720	6023045.925		2264.938	RS-700	0.73545830189
169	9/12/2019 7:56:12		-122.362	37.718	2089202.953	6023046.054		2209.781	RS-700	0.38856075472
170	9/12/2019 7:56:13		-122.362	37.718	2089203.136	6023045.971		2177.653	RS-700	0.18649748428
171	9/12/2019 7:56:14		-122.362	37.718	2089204.090	6023045.614		2281.697	RS-700	0.84086264151
172	9/12/2019 7:56:15		-122.362	37.718	2089204.127	6023045.586		2280.731	RS-700	0.83478823899
173	9/12/2019 7:56:16		-122.362	37.718	2089203.469	6023045.718		2227.788	RS-700	0.50180968554
174	9/12/2019 7:56:17		-122.362	37.718	2089202.918	6023045.967		2237.684	RS-700	0.56405132076
175	9/12/2019 7:56:18		-122.362	37.718	2089202.787	6023045.212		2132.187	RS-700	-0.09944981132
176	9/12/2019 7:56:19		-122.362	37.718	2089203.331	6023045.339		2239.684	RS-700	0.57662987421
177	9/12/2019 7:56:20		-122.362	37.718	2089204.528	6023045.594		2130.957	RS-700	-0.10718911950
178	9/12/2019 7:56:21		-122.362	37.718	2089205.081	6023045.229		2226.237	RS-700	0.49205691824
179	9/12/2019 7:56:22		-122.362	37.718	2089204.646	6023045.162		2237.914	RS-700	0.56549490566
180	9/12/2019 7:56:23		-122.362	37.718	2089203.917	6023045.177		2172.090	RS-700	0.15151226415
181	9/12/2019 7:56:24		-122.362	37.718	2089203.222	6023045.337		2179.883	RS-700	0.20052345912
182	9/12/2019 7:56:25		-122.362	37.718	2089204.492	6023045.564		2175.560	RS-700	0.17333163522

Gamma Scan Survey Results
Survey Unit 4 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
183	9/12/2019 7:56:26		-122.362	37.718	2089206.085	6023046.030		2236.574	RS-700	0.55706830189
184	9/12/2019 7:56:27		-122.362	37.718	2089208.076	6023046.619		2151.766	RS-700	0.02368471698
185	9/12/2019 7:56:28		-122.362	37.718	2089209.319	6023046.413		2173.234	RS-700	0.15870484277
186	9/12/2019 7:56:29		-122.362	37.718	2089208.447	6023046.280		2209.455	RS-700	0.38650830189
187	9/12/2019 7:56:30		-122.362	37.718	2089206.699	6023046.303		2191.902	RS-700	0.27611308176
188	9/12/2019 7:56:31		-122.362	37.718	2089204.985	6023046.413		2199.105	RS-700	0.32141232704
189	9/12/2019 7:56:32		-122.362	37.718	2089203.417	6023046.527		2183.104	RS-700	0.22078012579
190	9/12/2019 7:56:33		-122.362	37.718	2089202.428	6023046.796		2240.242	RS-700	0.58013930818
191	9/12/2019 7:56:34		-122.362	37.718	2089201.507	6023047.328		2261.028	RS-700	0.71086792453
192	9/12/2019 7:56:35		-122.362	37.718	2089200.915	6023047.808		2339.068	RS-700	1.20168584906
193	9/12/2019 7:56:36		-122.362	37.718	2089200.428	6023048.463		2292.694	RS-700	0.91002264151
194	9/12/2019 7:56:37		-122.362	37.718	2089199.788	6023049.521		2360.004	RS-700	1.33335849057
195	9/12/2019 7:56:38		-122.362	37.718	2089199.104	6023050.954		2423.344	RS-700	1.73172119497
196	9/12/2019 7:56:39		-122.362	37.718	2089198.277	6023052.239		2401.335	RS-700	1.59330132075
197	9/12/2019 7:56:40		-122.362	37.718	2089197.484	6023053.670		2346.060	RS-700	1.24566169811
198	9/12/2019 7:56:41		-122.362	37.718	2089196.815	6023054.351		2385.326	RS-700	1.49261880503
199	9/12/2019 7:56:42		-122.362	37.718	2089196.431	6023055.356		2389.324	RS-700	1.51775987421
200	9/12/2019 7:56:43		-122.362	37.718	2089195.779	6023056.992		2376.554	RS-700	1.43744628931
201	9/12/2019 7:56:44		-122.362	37.718	2089195.743	6023056.991		2310.707	RS-700	1.02331352201
202	9/12/2019 7:56:45		-122.362	37.718	2089195.706	6023056.990		2299.709	RS-700	0.95414723270
203	9/12/2019 7:56:46		-122.362	37.718	2089195.176	6023057.992		2386.609	RS-700	1.50068509434
204	9/12/2019 7:56:47		-122.362	37.718	2089194.942	6023058.769		2420.741	RS-700	1.71535289308
205	9/12/2019 7:56:48		-122.362	37.718	2089194.778	6023059.691		2361.611	RS-700	1.34346345912
206	9/12/2019 7:56:49		-122.362	37.718	2089194.573	6023060.845		2382.852	RS-700	1.47705660377
207	9/12/2019 7:56:50		-122.362	37.718	2089194.329	6023062.142		2453.363	RS-700	1.92052446541
208	9/12/2019 7:56:51		-122.362	37.718	2089194.123	6023063.324		2470.015	RS-700	2.02525182390
209	9/12/2019 7:56:52		-122.362	37.718	2089193.699	6023064.530		2371.602	RS-700	1.40630408805
210	9/12/2019 7:56:53		-122.362	37.718	2089192.986	6023065.586		2465.245	RS-700	1.99525389937
211	9/12/2019 7:56:54		-122.362	37.718	2089192.165	6023066.554		2354.547	RS-700	1.29903729560
212	9/12/2019 7:56:55		-122.362	37.718	2089191.316	6023067.144		2308.942	RS-700	1.01221245283
213	9/12/2019 7:56:56		-122.362	37.718	2089190.501	6023067.851		2337.178	RS-700	1.18979672956
214	9/12/2019 7:56:57		-122.362	37.718	2089189.545	6023068.266		2411.979	RS-700	1.66024610063
215	9/12/2019 7:56:58		-122.362	37.718	2089188.842	6023068.831		2337.547	RS-700	1.19212081761
216	9/12/2019 7:56:59		-122.362	37.718	2089187.823	6023068.811		2399.213	RS-700	1.57995836478
217	9/12/2019 7:57:00		-122.362	37.718	2089186.809	6023068.530		2355.077	RS-700	1.30236836478
218	9/12/2019 7:57:01		-122.362	37.718	2089186.036	6023068.920		2369.212	RS-700	1.39127069182
219	9/12/2019 7:57:02		-122.362	37.718	2089185.112	6023069.625		2345.308	RS-700	1.24092767296
220	9/12/2019 7:57:03		-122.362	37.718	2089184.224	6023070.301		2302.236	RS-700	0.97003767296
221	9/12/2019 7:57:04		-122.362	37.718	2089183.552	6023071.127		2359.722	RS-700	1.33158616352
222	9/12/2019 7:57:05		-122.362	37.718	2089182.912	6023072.185		2339.302	RS-700	1.20315452830
223	9/12/2019 7:57:06		-122.362	37.718	2089182.235	6023073.270		2262.256	RS-700	0.71859062893
224	9/12/2019 7:57:07		-122.362	37.718	2089181.519	6023074.471		2257.691	RS-700	0.68987836478
225	9/12/2019 7:57:08		-122.362	37.718	2089180.768	6023075.585		2287.391	RS-700	0.87667194969
226	9/12/2019 7:57:09		-122.362	37.718	2089180.055	6023076.670		2298.805	RS-700	0.94845867925
227	9/12/2019 7:57:10		-122.362	37.718	2089179.267	6023077.811		2249.574	RS-700	0.63882716981
228	9/12/2019 7:57:11		-122.362	37.718	2089178.411	6023078.749		2311.169	RS-700	1.02622163522
229	9/12/2019 7:57:12		-122.362	37.718	2089177.664	6023079.689		2288.698	RS-700	0.88489182390
230	9/12/2019 7:57:13		-122.362	37.718	2089177.027	6023080.602		2395.974	RS-700	1.55958490566
231	9/12/2019 7:57:14		-122.362	37.718	2089176.424	6023081.602		2218.334	RS-700	0.44235490566
232	9/12/2019 7:57:15		-122.362	37.718	2089175.904	6023082.142		2243.686	RS-700	0.60180138365
233	9/12/2019 7:57:16		-122.362	37.718	2089175.642	6023082.484		2290.488	RS-700	0.89614962264
234	9/12/2019 7:57:17		-122.362	37.718	2089175.568	6023082.540		2235.683	RS-700	0.55146654088
235	9/12/2019 7:57:18		-122.362	37.718	2089175.605	6023082.512		2196.110	RS-700	0.30258062893
236	9/12/2019 7:57:19		-122.362	37.718	2089175.604	6023082.541		2320.406	RS-700	1.08431503145
237	9/12/2019 7:57:20		-122.362	37.718	2089175.568	6023082.511		2262.926	RS-700	0.72280433962
238	9/12/2019 7:57:21		-122.362	37.718	2089175.284	6023082.187		2311.410	RS-700	1.02773383648
239	9/12/2019 7:57:22		-122.362	37.718	2089174.912	6023082.556		2262.805	RS-700	0.72204635220
240	9/12/2019 7:57:23		-122.362	37.718	2089174.922	6023083.887		2196.217	RS-700	0.30325125786
241	9/12/2019 7:57:24		-122.362	37.718	2089174.478	6023084.254		2244.801	RS-700	0.60881100629
242	9/12/2019 7:57:25		-122.362	37.718	2089174.675	6023085.300		2226.467	RS-700	0.49350132076
243	9/12/2019 7:57:26		-122.362	37.718	2089174.650	6023084.720		2240.799	RS-700	0.58363949686

Gamma Scan Survey Results
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SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
244	9/12/2019 7:57:27		-122.362	37.718	2089174.672	6023083.622		2337.059	RS-700	1.18905018868
245	9/12/2019 7:57:28		-122.362	37.718	2089174.672	6023083.622		2188.450	RS-700	0.25440207547
246	9/12/2019 7:57:29		-122.362	37.718	2089174.554	6023084.053		2250.575	RS-700	0.64512446541
247	9/12/2019 7:57:30		-122.362	37.718	2089174.541	6023084.747		2339.827	RS-700	1.20645635220
248	9/12/2019 7:57:31		-122.362	37.718	2089174.638	6023085.357		2285.597	RS-700	0.86538861635
249	9/12/2019 7:57:32		-122.362	37.718	2089174.955	6023085.884		2271.265	RS-700	0.77524855346
250	9/12/2019 7:57:33		-122.362	37.718	2089175.205	6023086.120		2259.926	RS-700	0.70393886793
251	9/12/2019 7:57:34		-122.362	37.718	2089175.526	6023086.474		2290.929	RS-700	0.89892534591
252	9/12/2019 7:57:35		-122.362	37.718	2089175.950	6023087.119		2325.825	RS-700	1.11839528302
253	9/12/2019 7:57:36		-122.362	37.718	2089176.223	6023088.050		2238.136	RS-700	0.56689534591
254	9/12/2019 7:57:37		-122.362	37.718	2089176.232	6023087.587		2250.572	RS-700	0.64510716981
255	9/12/2019 7:57:38		-122.362	37.718	2089176.621	6023086.351		2273.466	RS-700	0.78909415094
256	9/12/2019 7:57:39		-122.362	37.718	2089177.372	6023085.209		2346.955	RS-700	1.25129207547
257	9/12/2019 7:57:40		-122.362	37.718	2089177.487	6023084.922		2344.720	RS-700	1.23723194969
258	9/12/2019 7:57:41		-122.362	37.718	2089176.880	6023086.153		2318.937	RS-700	1.07507559748
259	9/12/2019 7:57:42		-122.362	37.718	2089176.232	6023087.616		2332.525	RS-700	1.16053716981
260	9/12/2019 7:57:43		-122.362	37.718	2089175.583	6023089.079		2317.595	RS-700	1.06663283019
261	9/12/2019 7:57:44		-122.362	37.718	2089174.795	6023090.249		2296.704	RS-700	0.93524226415
262	9/12/2019 7:57:45		-122.362	37.718	2089173.827	6023091.329		2301.628	RS-700	0.96621534591
263	9/12/2019 7:57:46		-122.362	37.718	2089173.004	6023092.441		2298.047	RS-700	0.94369295598
264	9/12/2019 7:57:47		-122.362	37.718	2089172.293	6023093.382		2229.130	RS-700	0.51025088050
265	9/12/2019 7:57:48		-122.362	37.718	2089171.332	6023094.086		2240.022	RS-700	0.57875377359
266	9/12/2019 7:57:49		-122.362	37.718	2089170.199	6023094.295		2334.063	RS-700	1.17020729560
267	9/12/2019 7:57:50		-122.362	37.718	2089168.996	6023094.328		2259.541	RS-700	0.70151433962
268	9/12/2019 7:57:51		-122.362	37.718	2089168.480	6023094.665		2382.206	RS-700	1.47299062893
269	9/12/2019 7:57:52		-122.362	37.718	2089167.355	6023094.440		2242.571	RS-700	0.59478345912
270	9/12/2019 7:57:53		-122.362	37.718	2089166.562	6023094.049		2242.246	RS-700	0.59274037736
271	9/12/2019 7:57:54		-122.362	37.718	2089167.734	6023093.696		2329.078	RS-700	1.13885628931
272	9/12/2019 7:57:55		-122.362	37.718	2089168.537	6023093.596		2304.635	RS-700	0.98512698113
273	9/12/2019 7:57:56		-122.362	37.718	2089167.881	6023093.641		2359.094	RS-700	1.32763427673
274	9/12/2019 7:57:57		-122.362	37.718	2089167.468	6023094.269		2313.287	RS-700	1.03954000000
275	9/12/2019 7:57:58		-122.362	37.718	2089166.626	6023094.484		2341.052	RS-700	1.21416188679
276	9/12/2019 7:57:59		-122.362	37.718	2089166.701	6023094.370		2361.963	RS-700	1.34567742138
277	9/12/2019 7:58:00		-122.362	37.718	2089167.512	6023093.865		2338.602	RS-700	1.19875723270
278	9/12/2019 7:58:01		-122.362	37.718	2089168.067	6023093.471		2226.683	RS-700	0.49486018868
279	9/12/2019 7:58:02		-122.362	37.718	2089167.590	6023093.606		2304.933	RS-700	0.98699855346
280	9/12/2019 7:58:03		-122.362	37.718	2089166.820	6023093.909		2352.305	RS-700	1.28493773585
281	9/12/2019 7:58:04		-122.362	37.718	2089166.488	6023094.076		2226.125	RS-700	0.49134968554
282	9/12/2019 7:58:05		-122.362	37.718	2089166.262	6023094.477		2231.922	RS-700	0.52780867925
283	9/12/2019 7:58:06		-122.362	37.718	2089165.710	6023094.784		2275.695	RS-700	0.80311440252
284	9/12/2019 7:58:07		-122.362	37.718	2089165.663	6023095.304		2257.031	RS-700	0.68572811321
285	9/12/2019 7:58:08		-122.362	37.718	2089165.250	6023095.932		2202.672	RS-700	0.34384610063
286	9/12/2019 7:58:09		-122.362	37.718	2089164.718	6023097.021		2217.900	RS-700	0.43962534591
287	9/12/2019 7:58:10		-122.362	37.718	2089163.969	6023098.076		2303.707	RS-700	0.97928993711
288	9/12/2019 7:58:11		-122.362	37.718	2089163.180	6023099.275		2319.935	RS-700	1.08135283019
289	9/12/2019 7:58:12		-122.362	37.718	2089162.281	6023100.531		2367.196	RS-700	1.37859050314
290	9/12/2019 7:58:13		-122.362	37.718	2089161.426	6023101.410		2386.577	RS-700	1.50048723270
291	9/12/2019 7:58:14		-122.362	37.718	2089160.934	6023102.355		2421.707	RS-700	1.72142955975
292	9/12/2019 7:58:15		-122.362	37.718	2089160.819	6023102.613		2338.726	RS-700	1.19953232704
293	9/12/2019 7:58:16		-122.362	37.718	2089160.916	6023101.400		2413.860	RS-700	1.67207415094
294	9/12/2019 7:58:17		-122.362	37.718	2089160.924	6023101.024		2278.698	RS-700	0.82200100629
295	9/12/2019 7:58:18		-122.362	37.718	2089160.765	6023101.686		2320.404	RS-700	1.08430408805
296	9/12/2019 7:58:19		-122.362	37.718	2089160.717	6023102.264		2361.789	RS-700	1.34458245283
297	9/12/2019 7:58:20		-122.362	37.718	2089160.916	6023103.252		2415.336	RS-700	1.68135748428
298	9/12/2019 7:58:21		-122.362	37.718	2089161.372	6023104.129		2399.344	RS-700	1.58078119497
299	9/12/2019 7:58:22		-122.362	37.718	2089161.541	6023104.769		2282.569	RS-700	0.84634742138
300	9/12/2019 7:58:23		-122.362	37.718	2089161.636	6023105.494		2387.207	RS-700	1.50444484277
301	9/12/2019 7:58:24		-122.362	37.718	2089161.623	6023106.159		2409.618	RS-700	1.64539742138
302	9/12/2019 7:58:25		-122.362	37.718	2089161.210	6023106.787		2397.343	RS-700	1.56819522013
303	9/12/2019 7:58:26		-122.362	37.718	2089160.566	6023108.018		2371.830	RS-700	1.40773867925
304	9/12/2019 7:58:27		-122.362	37.718	2089159.808	6023109.508		2311.759	RS-700	1.02993044025

Gamma Scan Survey Results
Survey Unit 4 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
305	9/12/2019 7:58:28		-122.362	37.718	2089159.011	6023111.112		2265.574	RS-700	0.73945855346
306	9/12/2019 7:58:29		-122.362	37.718	2089158.253	6023112.630		2371.957	RS-700	1.40853591195
307	9/12/2019 7:58:30		-122.362	37.718	2089158.025	6023113.117		2399.096	RS-700	1.57922100629
308	9/12/2019 7:58:31		-122.362	37.718	2089158.298	6023112.197		2353.306	RS-700	1.29123459119
309	9/12/2019 7:58:32		-122.362	37.718	2089158.426	6023111.245		2331.527	RS-700	1.15425628931
310	9/12/2019 7:58:33		-122.362	37.718	2089158.580	6023110.843		2322.592	RS-700	1.09806339623
311	9/12/2019 7:58:34		-122.362	37.718	2089158.275	6023111.531		2347.719	RS-700	1.25609132075
312	9/12/2019 7:58:35		-122.362	37.718	2089158.116	6023112.164		2384.969	RS-700	1.49037358491
313	9/12/2019 7:58:36		-122.362	37.718	2089158.353	6023111.272		2312.489	RS-700	1.03451924528
314	9/12/2019 7:58:37		-122.362	37.718	2089158.993	6023110.186		2212.913	RS-700	0.40825830189
315	9/12/2019 7:58:38		-122.362	37.718	2089159.707	6023109.072		2345.829	RS-700	1.24420522013
316	9/12/2019 7:58:39		-122.362	37.718	2089160.123	6023108.328		2434.231	RS-700	1.80019742138
317	9/12/2019 7:58:40		-122.362	37.718	2089159.825	6023108.640		2325.944	RS-700	1.11914320755
318	9/12/2019 7:58:41		-122.362	37.718	2089159.222	6023109.669		2382.724	RS-700	1.47625169811
319	9/12/2019 7:58:42		-122.362	37.718	2089158.576	6023111.016		2355.546	RS-700	1.30532194969
320	9/12/2019 7:58:43		-122.362	37.718	2089158.333	6023112.255		2347.364	RS-700	1.25386389937
321	9/12/2019 7:58:44		-122.362	37.718	2089158.422	6023113.270		2402.569	RS-700	1.60106534591
322	9/12/2019 7:58:45		-122.362	37.718	2089158.660	6023114.114		2285.500	RS-700	0.86478031447
323	9/12/2019 7:58:46		-122.362	37.718	2089158.718	6023114.867		2324.059	RS-700	1.10728811321
324	9/12/2019 7:58:47		-122.362	37.718	2089158.714	6023115.069		2339.717	RS-700	1.20576446541
325	9/12/2019 7:58:48		-122.362	37.718	2089159.132	6023114.210		2349.479	RS-700	1.26716220126
326	9/12/2019 7:58:49		-122.362	37.718	2089159.661	6023113.237		2302.711	RS-700	0.97302308176
327	9/12/2019 7:58:50		-122.362	37.718	2089160.297	6023112.381		2368.197	RS-700	1.38488691824
328	9/12/2019 7:58:51		-122.362	37.718	2089160.449	6023112.095		2326.050	RS-700	1.11981232704
329	9/12/2019 7:58:52		-122.362	37.718	2089159.809	6023113.124		2366.204	RS-700	1.37235459119
330	9/12/2019 7:58:53		-122.362	37.718	2089158.946	6023114.380		2363.961	RS-700	1.35824666667
331	9/12/2019 7:58:54		-122.362	37.718	2089158.049	6023115.548		2326.175	RS-700	1.12059584906
332	9/12/2019 7:58:55		-122.362	37.718	2089157.409	6023116.577		2272.500	RS-700	0.78301716981
333	9/12/2019 7:58:56		-122.362	37.718	2089156.512	6023117.745		2186.448	RS-700	0.24181075472
334	9/12/2019 7:58:57		-122.362	37.718	2089155.953	6023118.370		2320.577	RS-700	1.08539232704
335	9/12/2019 7:58:58		-122.362	37.718	2089155.654	6023118.769		2193.094	RS-700	0.28361157233
336	9/12/2019 7:58:59		-122.362	37.718	2089155.205	6023119.397		2207.675	RS-700	0.37531559748
337	9/12/2019 7:59:00		-122.362	37.718	2089154.496	6023120.222		2186.105	RS-700	0.23965245283
338	9/12/2019 7:59:01		-122.362	37.718	2089153.681	6023120.900		2196.446	RS-700	0.30469333333
339	9/12/2019 7:59:02		-122.362	37.718	2089152.901	6023121.665		2156.988	RS-700	0.05652515723
340	9/12/2019 7:59:03		-122.362	37.718	2089151.936	6023122.601		2244.250	RS-700	0.60534698113
341	9/12/2019 7:59:04		-122.362	37.718	2089150.863	6023123.447		2200.000	RS-700	0.32704666667
342	9/12/2019 7:59:05		-122.362	37.718	2089149.723	6023124.003		2159.338	RS-700	0.07130792453
343	9/12/2019 7:59:06		-122.362	37.718	2089148.588	6023124.299		2279.700	RS-700	0.82830465409
344	9/12/2019 7:59:07		-122.362	37.718	2089147.424	6023124.247		2103.648	RS-700	-0.27894364780
345	9/12/2019 7:59:08		-122.362	37.718	2089146.222	6023124.223		2181.777	RS-700	0.21243245283
346	9/12/2019 7:59:09		-122.362	37.718	2089145.091	6023124.316		2223.566	RS-700	0.47525672956
347	9/12/2019 7:59:10		-122.362	37.718	2089144.182	6023124.269		2146.192	RS-700	-0.01137327044
348	9/12/2019 7:59:11		-122.362	37.718	2089143.484	6023124.545		2224.008	RS-700	0.47803823899
349	9/12/2019 7:59:12		-122.362	37.718	2089142.681	6023124.644		2223.900	RS-700	0.47736044025
350	9/12/2019 7:59:13		-122.362	37.718	2089142.718	6023124.616		2221.902	RS-700	0.46479025157
351	9/12/2019 7:59:14		-122.362	37.718	2089143.428	6023123.705		2214.346	RS-700	0.41726748428
352	9/12/2019 7:59:15		-122.362	37.718	2089143.762	6023123.393		2207.338	RS-700	0.37319352201
353	9/12/2019 7:59:16		-122.362	37.718	2089143.431	6023123.589		2185.215	RS-700	0.23405867925
354	9/12/2019 7:59:17		-122.362	37.718	2089142.950	6023123.955		2202.676	RS-700	0.34387610063
355	9/12/2019 7:59:18		-122.362	37.718	2089142.387	6023124.783		2156.317	RS-700	0.05230874214
356	9/12/2019 7:59:19		-122.362	37.718	2089141.783	6023125.870		2153.228	RS-700	0.03287754717
357	9/12/2019 7:59:20		-122.362	37.718	2089141.251	6023126.988		2352.833	RS-700	1.28825534591
358	9/12/2019 7:59:21		-122.362	37.718	2089140.576	6023127.958		2251.800	RS-700	0.65283276730
359	9/12/2019 7:59:22		-122.362	37.718	2089139.795	6023128.753		2208.449	RS-700	0.38018264151
360	9/12/2019 7:59:23		-122.362	37.718	2089139.052	6023129.490		2157.867	RS-700	0.06205943396
361	9/12/2019 7:59:24		-122.362	37.718	2089138.451	6023130.404		2218.572	RS-700	0.44384811321
362	9/12/2019 7:59:25		-122.362	37.718	2089138.253	6023131.239		2215.678	RS-700	0.42564886793
363	9/12/2019 7:59:26		-122.362	37.718	2089138.130	6023131.931		2267.145	RS-700	0.74933836478
364	9/12/2019 7:59:27		-122.362	37.718	2089138.118	6023132.509		2212.891	RS-700	0.40812238994
365	9/12/2019 7:59:28		-122.362	37.718	2089138.181	6023133.002		2322.405	RS-700	1.09688496855

Gamma Scan Survey Results
Survey Unit 4 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
366	9/12/2019 7:59:29		-122.362	37.718	2089138.321	6023133.294		2301.703	RS-700	0.96668761006
367	9/12/2019 7:59:30		-122.362	37.718	2089138.641	6023133.706		2269.153	RS-700	0.76196540881
368	9/12/2019 7:59:31		-122.362	37.718	2089138.994	6023134.263		2283.035	RS-700	0.84927691824
369	9/12/2019 7:59:32		-122.362	37.718	2089139.238	6023134.817		2190.677	RS-700	0.26840924528
370	9/12/2019 7:59:33		-122.362	37.718	2089139.336	6023135.340		2299.403	RS-700	0.95221867925
371	9/12/2019 7:59:34		-122.362	37.718	2089139.368	6023135.572		2259.358	RS-700	0.70036622642
372	9/12/2019 7:59:35		-122.362	37.718	2089139.445	6023135.371		2267.691	RS-700	0.75277446541
373	9/12/2019 7:59:36		-122.362	37.718	2089139.866	6023134.338		2241.017	RS-700	0.58501471698
374	9/12/2019 7:59:37		-122.362	37.718	2089140.508	6023133.193		2386.208	RS-700	1.49816553459
375	9/12/2019 7:59:38		-122.362	37.718	2089140.660	6023132.878		2326.944	RS-700	1.12543610063
376	9/12/2019 7:59:39		-122.362	37.718	2089140.241	6023133.796		2371.323	RS-700	1.40454408805
377	9/12/2019 7:59:40		-122.362	37.718	2089139.711	6023134.827		2312.716	RS-700	1.03594654088
378	9/12/2019 7:59:41		-122.362	37.718	2089139.145	6023135.828		2312.050	RS-700	1.03175899371
379	9/12/2019 7:59:42		-122.362	37.718	2089138.545	6023136.655		2288.073	RS-700	0.88096100629
380	9/12/2019 7:59:43		-122.362	37.718	2089137.798	6023137.595		2297.709	RS-700	0.94156867925
381	9/12/2019 7:59:44		-122.362	37.718	2089137.013	6023138.621		2410.868	RS-700	1.65325559748
382	9/12/2019 7:59:45		-122.362	37.718	2089136.412	6023139.534		2315.865	RS-700	1.05575471698
383	9/12/2019 7:59:46		-122.362	37.718	2089135.885	6023140.421		2354.076	RS-700	1.29607289308
384	9/12/2019 7:59:47		-122.362	37.718	2089135.254	6023141.016		2260.144	RS-700	0.70530779874
385	9/12/2019 7:59:48		-122.362	37.718	2089134.663	6023141.409		2377.205	RS-700	1.44153930818
386	9/12/2019 7:59:49		-122.362	37.718	2089134.664	6023141.380		2338.066	RS-700	1.19538433962
387	9/12/2019 7:59:50		-122.362	37.718	2089135.357	6023141.307		2232.797	RS-700	0.53331477987
388	9/12/2019 7:59:51		-122.362	37.718	2089136.198	6023141.150		2347.352	RS-700	1.25378389937
389	9/12/2019 7:59:52		-122.362	37.718	2089135.685	6023141.285		2339.834	RS-700	1.20650037736
390	9/12/2019 7:59:53		-122.362	37.718	2089134.516	6023141.464		2314.403	RS-700	1.04656157233
391	9/12/2019 7:59:54		-122.362	37.718	2089133.352	6023141.441		2326.704	RS-700	1.12392503145
392	9/12/2019 7:59:55		-122.362	37.718	2089132.408	6023141.277		2394.608	RS-700	1.55099289308
393	9/12/2019 7:59:56		-122.362	37.718	2089131.609	6023141.146		2367.462	RS-700	1.38026327044
394	9/12/2019 7:59:57		-122.362	37.718	2089130.916	6023141.190		2404.579	RS-700	1.61370654088
395	9/12/2019 7:59:58		-122.362	37.718	2089129.965	6023141.431		2309.401	RS-700	1.01509993711
396	9/12/2019 7:59:59		-122.362	37.718	2089129.561	6023141.568		2382.088	RS-700	1.47224987421
397	9/12/2019 8:00:00		-122.362	37.718	2089130.558	6023140.922		2362.831	RS-700	1.35114144654
398	9/12/2019 8:00:01		-122.362	37.718	2089131.001	6023140.584		2320.710	RS-700	1.08622811321
399	9/12/2019 8:00:02		-122.362	37.718	2089130.341	6023140.831		2288.700	RS-700	0.88490515723
400	9/12/2019 8:00:03		-122.362	37.718	2089129.641	6023141.222		2352.723	RS-700	1.28756849057
401	9/12/2019 8:00:04		-122.362	37.718	2089129.084	6023141.790		2368.444	RS-700	1.38644251572
402	9/12/2019 8:00:05		-122.362	37.718	2089129.085	6023141.732		2326.402	RS-700	1.12202308176
403	9/12/2019 8:00:06		-122.362	37.718	2089127.922	6023143.445		2349.956	RS-700	1.27016389937
404	9/12/2019 8:00:07		-122.362	37.718	2089127.660	6023143.787		2343.597	RS-700	1.23017251572
405	9/12/2019 8:00:08		-122.362	37.718	2089127.023	6023144.700		2306.820	RS-700	0.99887062893
406	9/12/2019 8:00:09		-122.362	37.718	2089127.733	6023143.788		2284.155	RS-700	0.85632094340
407	9/12/2019 8:00:10		-122.362	37.718	2089127.023	6023144.700		2287.810	RS-700	0.87930578616
408	9/12/2019 8:00:11		-122.362	37.718	2089126.461	6023145.470		2309.637	RS-700	1.01658641509
409	9/12/2019 8:00:12		-122.362	37.718	2089125.862	6023146.268		2100.954	RS-700	-0.29588930818
410	9/12/2019 8:00:13		-122.362	37.718	2089125.302	6023146.980		2246.798	RS-700	0.62136849057
411	9/12/2019 8:00:14		-122.362	37.718	2089124.924	6023147.667		2238.915	RS-700	0.57179018868
412	9/12/2019 8:00:15		-122.362	37.718	2089124.513	6023148.179		2238.466	RS-700	0.56896641509
413	9/12/2019 8:00:16		-122.362	37.718	2089124.029	6023148.719		2211.891	RS-700	0.40182899371
414	9/12/2019 8:00:17		-122.362	37.718	2089123.396	6023149.430		2274.150	RS-700	0.79339817610
415	9/12/2019 8:00:18		-122.362	37.718	2089122.761	6023150.198		2316.285	RS-700	1.05839515723
416	9/12/2019 8:00:19		-122.362	37.718	2089122.127	6023150.967		2250.804	RS-700	0.64656572327
417	9/12/2019 8:00:20		-122.362	37.718	2089121.456	6023151.764		2155.082	RS-700	0.04453918239
418	9/12/2019 8:00:21		-122.362	37.718	2089120.780	6023152.763		2275.253	RS-700	0.80033534591
419	9/12/2019 8:00:22		-122.362	37.718	2089120.178	6023153.763		2236.571	RS-700	0.55705257862
420	9/12/2019 8:00:23		-122.362	37.718	2089119.391	6023154.876		2160.658	RS-700	0.07961232704
421	9/12/2019 8:00:24		-122.362	37.718	2089118.605	6023155.902		2213.786	RS-700	0.41374735849
422	9/12/2019 8:00:25		-122.362	37.718	2089117.860	6023156.755		2262.486	RS-700	0.72003465409
423	9/12/2019 8:00:26		-122.362	37.718	2089116.965	6023157.836		2234.574	RS-700	0.54449201258
424	9/12/2019 8:00:27		-122.362	37.718	2089116.142	6023158.919		2260.803	RS-700	0.70945566038
425	9/12/2019 8:00:28		-122.362	37.718	2089115.426	6023160.091		2195.220	RS-700	0.29698352201
426	9/12/2019 8:00:29		-122.362	37.718	2089114.605	6023161.116		2168.555	RS-700	0.12927477987

Gamma Scan Survey Results
Survey Unit 4 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
427	9/12/2019 8:00:30		-122.362	37.718	2089113.857	6023162.085		2278.573	RS-700	0.82121421384
428	9/12/2019 8:00:31		-122.362	37.718	2089112.925	6023163.166		2202.894	RS-700	0.34524817610
429	9/12/2019 8:00:32		-122.362	37.718	2089111.989	6023164.449		2170.775	RS-700	0.14324163522
430	9/12/2019 8:00:33		-122.362	37.718	2089111.129	6023165.589		2237.023	RS-700	0.55989100629
431	9/12/2019 8:00:34		-122.362	37.718	2089110.234	6023166.642		2156.307	RS-700	0.05224603774
432	9/12/2019 8:00:35		-122.362	37.718	2089109.411	6023167.754		2138.298	RS-700	-0.06101672956
433	9/12/2019 8:00:36		-122.362	37.718	2089108.440	6023168.921		2320.401	RS-700	1.08428069182
434	9/12/2019 8:00:37		-122.362	37.718	2089107.472	6023170.030		2188.891	RS-700	0.25717509434
435	9/12/2019 8:00:38		-122.362	37.718	2089106.613	6023171.054		2300.946	RS-700	0.96192176101
436	9/12/2019 8:00:39		-122.362	37.718	2089105.942	6023171.851		2204.218	RS-700	0.35357056604
437	9/12/2019 8:00:40		-122.362	37.718	2089105.341	6023172.793		2184.093	RS-700	0.22699754717
438	9/12/2019 8:00:41		-122.362	37.718	2089104.704	6023173.649		2228.354	RS-700	0.50537094340
439	9/12/2019 8:00:42		-122.362	37.718	2089104.069	6023174.446		2191.671	RS-700	0.27465962264
440	9/12/2019 8:00:43		-122.362	37.718	2089103.508	6023175.187		2186.905	RS-700	0.24468597484
441	9/12/2019 8:00:44		-122.362	37.718	2089102.985	6023175.871		2149.767	RS-700	0.01111132075
442	9/12/2019 8:00:45		-122.362	37.718	2089102.427	6023176.467		2222.798	RS-700	0.47042591195
443	9/12/2019 8:00:46		-122.362	37.718	2089100.444	6023179.090		2114.745	RS-700	-0.20914867925
444	9/12/2019 8:00:47		-122.362	37.718	2089101.607	6023177.406		2158.766	RS-700	0.06770811321
445	9/12/2019 8:00:48		-122.362	37.718	2089101.228	6023178.150		2192.795	RS-700	0.28173257862
446	9/12/2019 8:00:49		-122.362	37.718	2089100.960	6023178.810		2209.232	RS-700	0.38510610063
447	9/12/2019 8:00:50		-122.362	37.718	2089100.877	6023179.301		2134.726	RS-700	-0.08348257862
448	9/12/2019 8:00:51		-122.362	37.718	2089100.967	6023178.435		2208.460	RS-700	0.38025358491
449	9/12/2019 8:00:52		-122.362	37.718	2089100.916	6023177.334		2110.329	RS-700	-0.23692207547
450	9/12/2019 8:00:53		-122.362	37.718	2089100.874	6023177.623		2085.842	RS-700	-0.39093238994
451	9/12/2019 8:00:54		-122.362	37.718	2089100.788	6023178.315		2238.685	RS-700	0.57034509434
452	9/12/2019 8:00:55		-122.362	37.718	2089100.810	6023179.010		2104.163	RS-700	-0.27570150943
453	9/12/2019 8:00:56		-122.362	37.718	2089100.907	6023179.648		2195.645	RS-700	0.29965138365
454	9/12/2019 8:00:57		-122.362	37.718	2089101.081	6023180.057		2124.448	RS-700	-0.14812490566
455	9/12/2019 8:00:58		-122.362	37.718	2089101.365	6023180.410		2132.548	RS-700	-0.09718553459
456	9/12/2019 8:00:59		-122.362	37.718	2089101.579	6023180.645		2051.736	RS-700	-0.60543377359
457	9/12/2019 8:01:00		-122.362	37.718	2089101.686	6023180.763		2194.117	RS-700	0.29004301887
458	9/12/2019 8:01:01		-122.362	37.718	2089102.007	6023181.117		2269.155	RS-700	0.76197937107
459	9/12/2019 8:01:02		-122.362	37.718	2089102.357	6023181.818		2197.004	RS-700	0.30819993711
460	9/12/2019 8:01:03		-122.362	37.718	2089102.560	6023182.603		2184.781	RS-700	0.23132955975
461	9/12/2019 8:01:04		-122.362	37.718	2089102.563	6023182.430		2155.337	RS-700	0.04614320755
462	9/12/2019 8:01:05		-122.362	37.718	2089102.721	6023181.796		2188.779	RS-700	0.25647408805
463	9/12/2019 8:01:06		-122.362	37.718	2089103.107	6023180.734		2125.083	RS-700	-0.14413408805
464	9/12/2019 8:01:07		-122.362	37.718	2089103.147	6023180.561		2158.877	RS-700	0.06841044025
465	9/12/2019 8:01:08		-122.362	37.718	2089103.024	6023181.224		2204.557	RS-700	0.35570150943
466	9/12/2019 8:01:09		-122.362	37.718	2089102.788	6023182.087		2176.102	RS-700	0.17673918239
467	9/12/2019 8:01:10		-122.362	37.718	2089102.438	6023183.208		2286.585	RS-700	0.87160660377
468	9/12/2019 8:01:11		-122.362	37.718	2089101.948	6023184.066		2221.136	RS-700	0.45997408805
469	9/12/2019 8:01:12		-122.362	37.718	2089101.389	6023184.721		2254.914	RS-700	0.67241792453
470	9/12/2019 8:01:13		-122.362	37.718	2089100.827	6023185.491		2311.596	RS-700	1.02890748428
471	9/12/2019 8:01:14		-122.362	37.718	2089100.149	6023186.634		2141.758	RS-700	-0.03925867925
472	9/12/2019 8:01:15		-122.362	37.718	2089099.582	6023187.636		2270.789	RS-700	0.77225836478
473	9/12/2019 8:01:16		-122.362	37.718	2089099.207	6023188.207		2145.872	RS-700	-0.01338635220
474	9/12/2019 8:01:17		-122.362	37.718	2089098.762	6023188.603		2158.771	RS-700	0.06774446541
475	9/12/2019 8:01:18		-122.362	37.718	2089098.613	6023188.774		2124.863	RS-700	-0.14551849057
476	9/12/2019 8:01:19		-122.362	37.718	2089099.273	6023188.555		2262.246	RS-700	0.71853025157
477	9/12/2019 8:01:20		-122.362	37.718	2089100.152	6023188.284		2248.135	RS-700	0.62977817610
478	9/12/2019 8:01:21		-122.362	37.718	2089099.969	6023188.367		2153.664	RS-700	0.03562283019
479	9/12/2019 8:01:22		-122.362	37.718	2089098.941	6023188.751		2234.345	RS-700	0.54304805031
480	9/12/2019 8:01:23		-122.362	37.718	2089097.881	6023188.962		2247.804	RS-700	0.62769647799
481	9/12/2019 8:01:24		-122.362	37.718	2089097.008	6023188.915		2204.784	RS-700	0.35712993711
482	9/12/2019 8:01:25		-122.362	37.718	2089096.318	6023188.786		2172.203	RS-700	0.15221893082
483	9/12/2019 8:01:26		-122.362	37.718	2089095.702	6023188.658		2163.549	RS-700	0.09779050314
484	9/12/2019 8:01:27		-122.362	37.718	2089095.049	6023188.500		2226.357	RS-700	0.49280861635
485	9/12/2019 8:01:28		-122.362	37.718	2089094.505	6023188.403		2175.441	RS-700	0.17258591195
486	9/12/2019 8:01:29		-122.362	37.718	2089094.068	6023188.394		2201.577	RS-700	0.33696018868
487	9/12/2019 8:01:30		-122.362	37.718	2089093.704	6023188.387		2121.861	RS-700	-0.16439415094

Gamma Scan Survey Results
Survey Unit 4 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
488	9/12/2019 8:01:31		-122.362	37.718	2089093.631	6023188.385		2216.475	RS-700	0.43065981132
489	9/12/2019 8:01:32		-122.362	37.718	2089093.230	6023188.406		2133.970	RS-700	-0.08823905660
490	9/12/2019 8:01:33		-122.362	37.718	2089093.559	6023188.355		2260.920	RS-700	0.71018792453
491	9/12/2019 8:01:34		-122.362	37.718	2089094.291	6023188.167		2300.046	RS-700	0.95626106918
492	9/12/2019 8:01:35		-122.362	37.718	2089094.693	6023188.088		2157.524	RS-700	0.05989974843
493	9/12/2019 8:01:36		-122.362	37.718	2089094.110	6023188.134		2180.112	RS-700	0.20196408805
494	9/12/2019 8:01:37		-122.362	37.718	2089093.416	6023188.236		2148.670	RS-700	0.00421327044
495	9/12/2019 8:01:38		-122.362	37.718	2089092.755	6023188.512		2170.884	RS-700	0.14392433962
496	9/12/2019 8:01:39		-122.362	37.718	2089093.235	6023188.175		2247.905	RS-700	0.62833515723
497	9/12/2019 8:01:40		-122.362	37.718	2089093.604	6023187.922		2240.908	RS-700	0.58432553459
498	9/12/2019 8:01:41		-122.362	37.718	2089093.163	6023188.116		2162.551	RS-700	0.09151440252
499	9/12/2019 8:01:42		-122.362	37.718	2089092.832	6023188.311		2160.769	RS-700	0.08030698113
500	9/12/2019 8:01:43		-122.362	37.718	2089093.090	6023188.114		2142.658	RS-700	-0.03359855346
501	9/12/2019 8:01:44		-122.362	37.718	2089093.313	6023187.887		2155.660	RS-700	0.04817427673
502	9/12/2019 8:01:45		-122.362	37.718	2089093.092	6023188.027		2217.235	RS-700	0.43544144654
503	9/12/2019 8:01:46		-122.362	37.718	2089093.202	6023187.972		2126.653	RS-700	-0.13425698113
504	9/12/2019 8:01:47		-122.362	37.718	2089093.165	6023188.000		2182.102	RS-700	0.21447641509
505	9/12/2019 8:01:48		-122.362	37.718	2089093.165	6023188.000		2174.775	RS-700	0.16839352201
506	9/12/2019 8:01:49		-122.362	37.718	2089093.202	6023188.001		2202.779	RS-700	0.34451943396
507	9/12/2019 8:01:50		-122.362	37.718	2089093.416	6023188.236		2283.045	RS-700	0.84933679245
508	9/12/2019 8:01:51		-122.362	37.718	2089093.453	6023188.208		2204.664	RS-700	0.35637886793
509	9/12/2019 8:01:52		-122.362	37.718	2089093.636	6023188.154		2212.991	RS-700	0.40874710692
510	9/12/2019 8:01:53		-122.362	37.718	2089094.365	6023188.111		2168.988	RS-700	0.13199823899
511	9/12/2019 8:01:54		-122.362	37.718	2089095.204	6023188.040		2242.240	RS-700	0.59270584906
512	9/12/2019 8:01:55		-122.362	37.718	2089095.277	6023188.042		2230.458	RS-700	0.51860188679
513	9/12/2019 8:01:56		-122.362	37.718	2089094.436	6023188.228		2195.781	RS-700	0.30051119497
514	9/12/2019 8:01:57		-122.362	37.718	2089093.411	6023188.468		2152.982	RS-700	0.03133320755
515	9/12/2019 8:01:58		-122.362	37.718	2089093.228	6023188.522		2180.125	RS-700	0.20204182390
516	9/12/2019 8:01:59		-122.362	37.718	2089094.787	6023188.871		2182.217	RS-700	0.21520163522
517	9/12/2019 8:02:00		-122.362	37.718	2089096.781	6023189.345		2148.777	RS-700	0.00488949686
518	9/12/2019 8:02:01		-122.362	37.718	2089098.564	6023189.380		2188.098	RS-700	0.25218779874
519	9/12/2019 8:02:02		-122.362	37.718	2089099.552	6023189.168		2139.078	RS-700	-0.05611635220
520	9/12/2019 8:02:03		-122.362	37.718	2089099.625	6023189.141		2206.565	RS-700	0.36833597484
521	9/12/2019 8:02:04		-122.362	37.718	2089098.677	6023189.238		2278.922	RS-700	0.82340899371
522	9/12/2019 8:02:05		-122.362	37.718	2089097.581	6023189.390		2320.944	RS-700	1.08770037736
523	9/12/2019 8:02:06		-122.362	37.718	2089096.414	6023189.482		2146.547	RS-700	-0.00913886792
524	9/12/2019 8:02:07		-122.362	37.718	2089095.542	6023189.378		2242.918	RS-700	0.59697144654
525	9/12/2019 8:02:08		-122.362	37.718	2089094.960	6023189.308		2204.452	RS-700	0.35504698113
526	9/12/2019 8:02:09		-122.362	37.718	2089094.012	6023189.405		2191.779	RS-700	0.27533767296
527	9/12/2019 8:02:10		-122.362	37.718	2089092.985	6023189.761		2182.770	RS-700	0.21868069182
528	9/12/2019 8:02:11		-122.362	37.718	2089091.954	6023190.319		2192.904	RS-700	0.28241257862
529	9/12/2019 8:02:12		-122.362	37.718	2089090.994	6023190.994		2128.864	RS-700	-0.12035333333
530	9/12/2019 8:02:13		-122.362	37.718	2089090.505	6023191.737		2244.245	RS-700	0.60531377359
531	9/12/2019 8:02:14		-122.362	37.718	2089090.051	6023192.625		2190.341	RS-700	0.26629855346
532	9/12/2019 8:02:15		-122.362	37.718	2089089.560	6023193.483		2225.687	RS-700	0.48859610063
533	9/12/2019 8:02:16		-122.362	37.718	2089088.883	6023194.569		2177.778	RS-700	0.18728044025
534	9/12/2019 8:02:17		-122.362	37.718	2089088.172	6023195.509		2159.200	RS-700	0.07044138365
535	9/12/2019 8:02:18		-122.362	37.718	2089087.387	6023196.564		2175.774	RS-700	0.17467880503
536	9/12/2019 8:02:19		-122.362	37.718	2089086.531	6023197.473		2185.780	RS-700	0.23761270440
537	9/12/2019 8:02:20		-122.362	37.718	2089085.930	6023198.386		2215.231	RS-700	0.42283534591
538	9/12/2019 8:02:21		-122.362	37.718	2089085.621	6023199.248		2176.998	RS-700	0.18237578616
539	9/12/2019 8:02:22		-122.362	37.718	2089085.578	6023199.595		2167.988	RS-700	0.12571169811
540	9/12/2019 8:02:23		-122.362	37.718	2089085.557	6023198.842		2106.331	RS-700	-0.26207006289
541	9/12/2019 8:02:24		-122.362	37.718	2089085.542	6023197.771		2164.414	RS-700	0.10323327044
542	9/12/2019 8:02:25		-122.362	37.718	2089085.540	6023197.858		2161.766	RS-700	0.08657685535
543	9/12/2019 8:02:26		-122.362	37.718	2089085.536	6023198.031		2181.885	RS-700	0.21311547170
544	9/12/2019 8:02:27		-122.362	37.718	2089085.570	6023198.177		2165.447	RS-700	0.10972798742
545	9/12/2019 8:02:28		-122.362	37.718	2089085.556	6023198.871		2157.630	RS-700	0.06056371069
546	9/12/2019 8:02:29		-122.362	37.718	2089085.647	6023199.798		2200.573	RS-700	0.33064716981
547	9/12/2019 8:02:30		-122.362	37.718	2089085.808	6023200.843		2170.556	RS-700	0.14186201258
548	9/12/2019 8:02:31		-122.362	37.718	2089085.824	6023201.885		2223.691	RS-700	0.47604647799

Gamma Scan Survey Results
Survey Unit 4 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
549	9/12/2019 8:02:32		-122.362	37.718	2089085.797	6023203.215		2180.446	RS-700	0.20406433962
550	9/12/2019 8:02:33		-122.362	37.718	2089085.731	6023204.718		2196.008	RS-700	0.30193761006
551	9/12/2019 8:02:34		-122.362	37.718	2089078.099	6023203.930		2289.373	RS-700	0.27382255132
552	9/12/2019 8:02:35		-122.362	37.718	2089077.602	6023205.106		2359.843	RS-700	0.48047923754
553	9/12/2019 8:02:36		-122.362	37.718	2089077.221	6023205.938		2404.218	RS-700	0.61060985337
554	9/12/2019 8:02:37		-122.362	37.718	2089076.438	6023206.848		2568.297	RS-700	1.09178023460
555	9/12/2019 8:02:38		-122.362	37.717	2089076.026	6023207.447		2612.190	RS-700	1.22049956012
556	9/12/2019 8:02:39		-122.362	37.717	2089075.029	6023208.151		2579.073	RS-700	1.12338184751
557	9/12/2019 8:02:40		-122.362	37.717	2089073.961	6023208.737		2185.750	RS-700	-0.03005847507
558	9/12/2019 8:02:41		-122.362	37.717	2089073.337	6023208.956		2118.526	RS-700	-0.22719659824
559	9/12/2019 8:02:42		-122.362	37.717	2089072.458	6023209.199		1800.275	RS-700	-1.16048360704
560	9/12/2019 8:02:43		-122.362	37.717	2089070.999	6023209.314		1641.411	RS-700	-1.62636217009
561	9/12/2019 8:02:44		-122.362	37.717	2089070.558	6023209.537		1594.487	RS-700	-1.76396780059
562	9/12/2019 8:02:45		-122.362	37.717	2089070.227	6023209.704		1561.790	RS-700	-1.85985395894
563	9/12/2019 8:02:46		-122.362	37.717	2089070.190	6023209.703		1502.820	RS-700	-2.03278530792
564	9/12/2019 8:02:47		-122.362	37.717	2089069.419	6023210.035		1582.485	RS-700	-1.79916351906
565	9/12/2019 8:02:48		-122.362	37.717	2089068.605	6023210.684		1817.469	RS-700	-1.11006260997
566	9/12/2019 8:02:49		-122.362	37.717	2089068.160	6023211.080		2002.314	RS-700	-0.56799442815
567	9/12/2019 8:02:50		-122.362	37.717	2089066.975	6023212.041		2418.111	RS-700	0.65135090909
568	9/12/2019 8:02:51		-122.362	37.717	2089065.935	6023213.090		2597.063	RS-700	1.17613636364
569	9/12/2019 8:02:52		-122.362	37.717	2089065.078	6023214.028		2594.834	RS-700	1.16960258065
570	9/12/2019 8:02:53		-122.362	37.717	2089064.296	6023214.909		2398.459	RS-700	0.59372164223
571	9/12/2019 8:02:54		-122.362	37.717	2089063.618	6023216.024		2333.638	RS-700	0.40363155425
572	9/12/2019 8:02:55		-122.362	37.717	2089062.905	6023217.080		2242.567	RS-700	0.59476352201
573	9/12/2019 8:02:56		-122.362	37.717	2089062.118	6023218.222		2239.690	RS-700	0.57666396226
574	9/12/2019 8:02:57		-122.362	37.717	2089061.258	6023219.333		2118.542	RS-700	-0.18527176101
575	9/12/2019 8:02:58		-122.362	37.717	2089060.547	6023220.302		2217.016	RS-700	0.43406308176
576	9/12/2019 8:02:59		-122.362	37.717	2089059.908	6023221.273		2102.754	RS-700	-0.28456811321
577	9/12/2019 8:03:00		-122.362	37.717	2089059.087	6023222.270		2166.664	RS-700	0.11738138365
578	9/12/2019 8:03:01		-122.362	37.717	2089058.380	6023223.066		2213.530	RS-700	0.41213773585
579	9/12/2019 8:03:02		-122.362	37.717	2089057.969	6023223.578		2173.992	RS-700	0.16347169811
580	9/12/2019 8:03:03		-122.362	37.717	2089057.969	6023223.578		2244.337	RS-700	0.60589578616
581	9/12/2019 8:03:04		-122.362	37.717	2089058.046	6023223.377		2255.685	RS-700	0.67726320755
582	9/12/2019 8:03:05		-122.362	37.717	2089063.440	6023224.989		2127.547	RS-700	-0.12863534591
583	9/12/2019 8:03:06		-122.362	37.717	2089063.745	6023224.301		2158.884	RS-700	0.06845050314
584	9/12/2019 8:03:07		-122.362	37.717	2089063.558	6023224.528		2107.171	RS-700	-0.25678534591
585	9/12/2019 8:03:08		-122.362	37.717	2089063.220	6023225.042		2219.897	RS-700	0.45218320755
586	9/12/2019 8:03:09		-122.362	37.717	2089062.951	6023225.760		2172.664	RS-700	0.15512226415
587	9/12/2019 8:03:10		-122.362	37.717	2089062.714	6023226.681		2138.763	RS-700	-0.05809163522
588	9/12/2019 8:03:11		-122.362	37.717	2089062.660	6023227.577		2044.613	RS-700	-0.65023308176
589	9/12/2019 8:03:12		-122.362	37.717	2089062.603	6023226.766		2142.078	RS-700	-0.03724641509
590	9/12/2019 8:03:13		-122.362	37.717	2089062.621	6023225.898		2179.665	RS-700	0.19915238994
591	9/12/2019 8:03:14		-122.362	37.717	2089062.542	6023226.215		2228.768	RS-700	0.50797327044
592	9/12/2019 8:03:15		-122.362	37.717	2089062.524	6023227.082		2158.768	RS-700	0.06772459120
593	9/12/2019 8:03:16		-122.362	37.717	2089062.728	6023227.810		2214.017	RS-700	0.41520226415
594	9/12/2019 8:03:17		-122.362	37.717	2089063.046	6023228.308		2168.868	RS-700	0.13124591195
595	9/12/2019 8:03:18		-122.362	37.717	2089063.402	6023228.720		2134.647	RS-700	-0.08398220126
596	9/12/2019 8:03:19		-122.362	37.717	2089063.580	6023228.955		2166.642	RS-700	0.11724603774
597	9/12/2019 8:03:20		-122.362	37.717	2089063.791	6023229.335		2128.549	RS-700	-0.12233251572
598	9/12/2019 8:03:21		-122.362	37.717	2089064.103	6023230.123		2190.671	RS-700	0.26837257862
599	9/12/2019 8:03:22		-122.362	37.717	2089064.165	6023230.645		2236.242	RS-700	0.55498138365
600	9/12/2019 8:03:23		-122.362	37.717	2089064.212	6023230.125		2155.197	RS-700	0.04526628931
601	9/12/2019 8:03:24		-122.362	37.717	2089064.600	6023228.946		2230.912	RS-700	0.52145742138
602	9/12/2019 8:03:25		-122.362	37.717	2089065.273	6023228.034		2248.043	RS-700	0.62919918239
603	9/12/2019 8:03:26		-122.362	37.717	2089065.612	6023227.491		2216.341	RS-700	0.42982000000
604	9/12/2019 8:03:27		-122.362	37.717	2089065.309	6023228.064		2230.352	RS-700	0.51793540881
605	9/12/2019 8:03:28		-122.362	37.717	2089064.632	6023229.150		2256.128	RS-700	0.68005018868
606	9/12/2019 8:03:29		-122.362	37.717	2089063.882	6023230.234		2177.099	RS-700	0.18301125786
607	9/12/2019 8:03:30		-122.362	37.717	2089063.352	6023231.265		2221.125	RS-700	0.45990402516
608	9/12/2019 8:03:31		-122.362	37.717	2089062.889	6023232.529		2156.771	RS-700	0.05516100629
609	9/12/2019 8:03:32		-122.362	37.717	2089062.102	6023233.670		2205.105	RS-700	0.35914886793

Gamma Scan Survey Results
Survey Unit 4 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
610	9/12/2019 8:03:33		-122.362	37.717	2089061.463	6023234.670		2194.893	RS-700	0.29492672956
611	9/12/2019 8:03:34		-122.362	37.717	2089060.681	6023235.551		2164.557	RS-700	0.10413182390
612	9/12/2019 8:03:35		-122.362	37.717	2089060.014	6023236.088		2211.894	RS-700	0.40184805031
613	9/12/2019 8:03:36		-122.362	37.717	2089059.281	6023236.362		2141.663	RS-700	-0.03985773585
614	9/12/2019 8:03:37		-122.362	37.717	2089058.441	6023236.461		2236.140	RS-700	0.55433710692
615	9/12/2019 8:03:38		-122.362	37.717	2089057.533	6023236.328		2212.236	RS-700	0.40400125786
616	9/12/2019 8:03:39		-122.362	37.717	2089057.135	6023236.204		2102.741	RS-700	-0.28464471698
617	9/12/2019 8:03:40		-122.362	37.717	2089056.410	6023236.016		2111.175	RS-700	-0.23160377359
618	9/12/2019 8:03:41		-122.362	37.717	2089055.501	6023235.969		2127.510	RS-700	-0.12886704403
619	9/12/2019 8:03:42		-122.362	37.717	2089054.952	6023236.074		2209.006	RS-700	0.38368654088
620	9/12/2019 8:03:43		-122.362	37.717	2089054.586	6023236.182		2177.566	RS-700	0.18595113208
621	9/12/2019 8:03:44		-122.362	37.717	2089055.138	6023235.904		2145.225	RS-700	-0.01745452830
622	9/12/2019 8:03:45		-122.362	37.717	2089055.873	6023235.571		2089.955	RS-700	-0.36506314465
623	9/12/2019 8:03:46		-122.362	37.717	2089055.433	6023235.707		2186.450	RS-700	0.24182113208
624	9/12/2019 8:03:47		-122.362	37.717	2089054.663	6023235.952		2146.550	RS-700	-0.00912138365
625	9/12/2019 8:03:48		-122.362	37.717	2089054.257	6023236.234		2223.349	RS-700	0.47389025157
626	9/12/2019 8:03:49		-122.362	37.717	2089054.627	6023235.952		2194.562	RS-700	0.29284150943
627	9/12/2019 8:03:50		-122.362	37.717	2089053.550	6023237.001		2178.777	RS-700	0.19356874214
628	9/12/2019 8:03:51		-122.362	37.717	2089055.111	6023235.412		2132.535	RS-700	-0.09726421384
629	9/12/2019 8:03:52		-122.362	37.717	2089055.407	6023237.038		2156.219	RS-700	0.05169025157
630	9/12/2019 8:03:53		-122.362	37.717	2089054.447	6023235.861		2193.201	RS-700	0.28428094340
631	9/12/2019 8:03:54		-122.362	37.717	2089054.594	6023235.777		2129.866	RS-700	-0.11405270440
632	9/12/2019 8:03:55		-122.362	37.717	2089054.520	6023235.863		2157.974	RS-700	0.06272792453
633	9/12/2019 8:03:56		-122.362	37.717	2089054.595	6023235.748		2096.167	RS-700	-0.32599540881
634	9/12/2019 8:03:57		-122.362	37.717	2089054.559	6023235.690		2192.219	RS-700	0.27810698113
635	9/12/2019 8:03:58		-122.362	37.717	2089054.559	6023235.690		2174.101	RS-700	0.16415477987
636	9/12/2019 8:03:59		-122.362	37.717	2089054.596	6023235.662		2117.971	RS-700	-0.18886440252
637	9/12/2019 8:04:00		-122.362	37.717	2089054.522	6023235.718		2090.747	RS-700	-0.36008050315
638	9/12/2019 8:04:01		-122.362	37.717	2089054.632	6023235.720		2165.672	RS-700	0.11114402516
639	9/12/2019 8:04:02		-122.362	37.717	2089054.404	6023236.179		2150.981	RS-700	0.01875132075
640	9/12/2019 8:04:03		-122.362	37.717	2089053.990	6023236.836		2034.826	RS-700	-0.71178553459
641	9/12/2019 8:04:04		-122.362	37.717	2089053.465	6023237.606		2131.076	RS-700	-0.10644327044
642	9/12/2019 8:04:05		-122.362	37.717	2089053.202	6023238.006		2217.901	RS-700	0.43962880503
643	9/12/2019 8:04:06		-122.362	37.717	2089053.201	6023238.064		2122.749	RS-700	-0.15881371069
644	9/12/2019 8:04:07		-122.362	37.717	2089053.203	6023237.977		2084.737	RS-700	-0.39788119497
645	9/12/2019 8:04:08		-122.362	37.717	2089053.167	6023237.948		2216.901	RS-700	0.43333949686
646	9/12/2019 8:04:09		-122.362	37.717	2089053.203	6023237.948		2122.178	RS-700	-0.16240289308
647	9/12/2019 8:04:10		-122.362	37.717	2089053.203	6023237.948		2125.294	RS-700	-0.14280503145
648	9/12/2019 8:04:11		-122.362	37.717	2089053.169	6023237.861		2051.308	RS-700	-0.60812477987
649	9/12/2019 8:04:12		-122.362	37.717	2089053.169	6023237.861		2218.458	RS-700	0.44313477987
650	9/12/2019 8:04:13		-122.362	37.717	2089053.057	6023238.003		2119.384	RS-700	-0.17997484277
651	9/12/2019 8:04:14		-122.362	37.717	2089052.719	6023238.517		2181.997	RS-700	0.21381924528
652	9/12/2019 8:04:15		-122.362	37.717	2089052.304	6023239.203		2080.051	RS-700	-0.42735157233
653	9/12/2019 8:04:16		-122.362	37.717	2089051.596	6023240.028		2153.547	RS-700	0.03488924528
654	9/12/2019 8:04:17		-122.362	37.717	2089050.779	6023240.822		2211.997	RS-700	0.40249930818
655	9/12/2019 8:04:18		-122.362	37.717	2089050.072	6023241.589		2065.833	RS-700	-0.51677509434
656	9/12/2019 8:04:19		-122.362	37.717	2089049.510	6023242.388		2164.885	RS-700	0.10619635220
657	9/12/2019 8:04:20		-122.362	37.717	2089048.985	6023243.130		2287.264	RS-700	0.87587245283
658	9/12/2019 8:04:21		-122.362	37.717	2089048.388	6023243.870		2253.257	RS-700	0.66199088050
659	9/12/2019 8:04:22		-122.362	37.717	2089047.788	6023244.726		2131.768	RS-700	-0.10208603774
660	9/12/2019 8:04:23		-122.362	37.717	2089047.259	6023245.699		2236.024	RS-700	0.55361018868
661	9/12/2019 8:04:24		-122.362	37.717	2089046.587	6023246.525		2182.669	RS-700	0.21804314465
662	9/12/2019 8:04:25		-122.362	37.717	2089045.844	6023247.233		2091.478	RS-700	-0.35548735849
663	9/12/2019 8:04:26		-122.362	37.717	2089045.065	6023247.941		2066.149	RS-700	-0.51478566038
664	9/12/2019 8:04:27		-122.362	37.717	2089044.505	6023248.624		2200.674	RS-700	0.33128075472
665	9/12/2019 8:04:28		-122.362	37.717	2089043.907	6023249.422		2152.339	RS-700	0.02729050314
666	9/12/2019 8:04:29		-122.362	37.717	2089043.307	6023250.307		2132.761	RS-700	-0.09584238994
667	9/12/2019 8:04:30		-122.362	37.717	2089042.964	6023251.024		2185.788	RS-700	0.23765823899
668	9/12/2019 8:04:31		-122.362	37.717	2089042.658	6023251.799		2182.675	RS-700	0.21808157233
669	9/12/2019 8:04:32		-122.362	37.717	2089042.168	6023252.628		2268.048	RS-700	0.75501641509
670	9/12/2019 8:04:33		-122.362	37.717	2089041.790	6023253.315		2314.054	RS-700	1.04436584906

Gamma Scan Survey Results
Survey Unit 4 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
671	9/12/2019 8:04:34		-122.362	37.717	2089041.677	6023253.515		2218.679	RS-700	0.44452150943
672	9/12/2019 8:04:35		-122.362	37.717	2089041.674	6023253.631		2301.062	RS-700	0.96265547170
673	9/12/2019 8:04:36		-122.362	37.717	2089041.525	6023253.801		2221.786	RS-700	0.46406433962
674	9/12/2019 8:04:37		-122.362	37.717	2089041.518	6023254.148		2321.827	RS-700	1.09325301887
675	9/12/2019 8:04:38		-122.362	37.717	2089041.712	6023253.545		2330.530	RS-700	1.14798685535
676	9/12/2019 8:04:39		-122.362	37.717	2089042.470	6023252.084		2319.408	RS-700	1.07803792453
677	9/12/2019 8:04:40		-122.362	37.717	2089041.511	6023252.702		2218.013	RS-700	0.44033364780
678	9/12/2019 8:04:41		-122.362	37.717	2089041.771	6023252.418		2213.144	RS-700	0.40970798742
679	9/12/2019 8:04:42		-122.362	37.717	2089041.213	6023253.043		2265.267	RS-700	0.73752597484
680	9/12/2019 8:04:43		-122.362	37.717	2089040.498	6023254.186		2319.591	RS-700	1.07918924528
681	9/12/2019 8:04:44		-122.362	37.717	2089041.784	6023253.633		2349.842	RS-700	1.26944773585
682	9/12/2019 8:04:45		-122.362	37.717	2089041.697	6023254.325		2322.058	RS-700	1.09470471698
683	9/12/2019 8:04:46		-122.362	37.717	2089041.691	6023254.644		2300.710	RS-700	0.96043786164
684	9/12/2019 8:04:47		-122.362	37.717	2089041.828	6023255.051		2267.038	RS-700	0.74866540881
685	9/12/2019 8:04:48		-122.362	37.717	2089041.779	6023255.687		2303.581	RS-700	0.97849622642
686	9/12/2019 8:04:49		-122.362	37.717	2089041.724	6023256.612		2203.113	RS-700	0.34662358491
687	9/12/2019 8:04:50		-122.362	37.717	2089041.492	6023257.330		2331.958	RS-700	1.15697000000
688	9/12/2019 8:04:51		-122.362	37.717	2089041.182	6023258.250		2325.516	RS-700	1.11645308176
689	9/12/2019 8:04:52		-122.362	37.717	2089040.689	6023259.224		2237.682	RS-700	0.56403955975
690	9/12/2019 8:04:53		-122.362	37.717	2089040.054	6023260.021		2302.475	RS-700	0.97154276730
691	9/12/2019 8:04:54		-122.362	37.717	2089039.312	6023260.729		2215.224	RS-700	0.42279540881
692	9/12/2019 8:04:55		-122.362	37.717	2089038.168	6023261.459		2179.773	RS-700	0.19982924528
693	9/12/2019 8:04:56		-122.362	37.717	2089037.064	6023262.044		2218.908	RS-700	0.44596440252
694	9/12/2019 8:04:57		-122.362	37.717	2089036.038	6023262.371		2254.257	RS-700	0.66828402516
695	9/12/2019 8:04:58		-122.362	37.717	2089034.974	6023262.755		2075.533	RS-700	-0.45576503145
696	9/12/2019 8:04:59		-122.362	37.717	2089034.239	6023263.088		2206.783	RS-700	0.36970465409
697	9/12/2019 8:05:00		-122.362	37.717	2089033.540	6023263.421		2246.164	RS-700	0.61738547170
698	9/12/2019 8:05:01		-122.362	37.717	2089033.172	6023263.616		2128.865	RS-700	-0.12034522013
699	9/12/2019 8:05:02		-122.362	37.717	2089032.916	6023263.698		2151.994	RS-700	0.02512188679
700	9/12/2019 8:05:03		-122.362	37.717	2089033.320	6023263.503		2140.681	RS-700	-0.04603144654
701	9/12/2019 8:05:04		-122.362	37.717	2089033.945	6023263.226		2149.999	RS-700	0.01257044025
702	9/12/2019 8:05:05		-122.362	37.717	2089035.196	6023262.586		2219.458	RS-700	0.44941855346
703	9/12/2019 8:05:06		-122.362	37.717	2089036.194	6023261.854		2256.808	RS-700	0.68432886793
704	9/12/2019 8:05:07		-122.362	37.717	2089036.379	6023261.713		2186.100	RS-700	0.23962345912
705	9/12/2019 8:05:08		-122.362	37.717	2089036.598	6023261.659		2294.198	RS-700	0.91948327044
706	9/12/2019 8:05:09		-122.362	37.717	2089036.048	6023261.851		2253.798	RS-700	0.66539446541
707	9/12/2019 8:05:10		-122.362	37.717	2089035.052	6023262.467		2073.737	RS-700	-0.46706044025
708	9/12/2019 8:05:11		-122.362	37.717	2089034.052	6023263.315		2093.661	RS-700	-0.34175389937
709	9/12/2019 8:05:12		-122.362	37.717	2089033.752	6023263.743		2025.722	RS-700	-0.76904276730
710	9/12/2019 8:05:13		-122.362	37.717	2089031.222	6023266.441		2047.449	RS-700	-0.63239698113
711	9/12/2019 8:05:14		-122.362	37.717	2089031.028	6023267.045		2088.952	RS-700	-0.37136981132
712	9/12/2019 8:05:15		-122.362	37.717	2089032.548	6023265.687		2103.861	RS-700	-0.27760176101
713	9/12/2019 8:05:16		-122.362	37.717	2089030.984	6023267.420		2063.352	RS-700	-0.53237622642
714	9/12/2019 8:05:17		-122.362	37.717	2089032.533	6023266.439		2102.960	RS-700	-0.28327169811
715	9/12/2019 8:05:18		-122.362	37.717	2089032.773	6023265.373		2129.866	RS-700	-0.11404993711
716	9/12/2019 8:05:19		-122.362	37.717	2089033.137	6023263.558		2211.011	RS-700	0.39629710692
717	9/12/2019 8:05:20		-122.362	37.717	2089032.782	6023263.088		2190.667	RS-700	0.26834371069
718	9/12/2019 8:05:21		-122.362	37.717	2089032.986	6023263.844		2014.923	RS-700	-0.83696402516
719	9/12/2019 8:05:22		-122.362	37.717	2089033.040	6023264.771		2107.434	RS-700	-0.25513320755
720	9/12/2019 8:05:23		-122.362	37.717	2089033.091	6023265.842		2092.749	RS-700	-0.34749050315
721	9/12/2019 8:05:24		-122.362	37.717	2089033.261	6023266.482		2108.961	RS-700	-0.24552666667
722	9/12/2019 8:05:25		-122.362	37.717	2089033.615	6023267.010		2139.768	RS-700	-0.05177603774
723	9/12/2019 8:05:26		-122.362	37.717	2089034.105	6023268.003		2146.085	RS-700	-0.01204421384
724	9/12/2019 8:05:27		-122.362	37.717	2089034.267	6023269.019		2220.899	RS-700	0.45848716981
725	9/12/2019 8:05:28		-122.362	37.717	2089034.301	6023269.135		2141.985	RS-700	-0.03783327044
726	9/12/2019 8:05:29		-122.362	37.717	2089034.685	6023268.130		2235.024	RS-700	0.54732132076
727	9/12/2019 8:05:30		-122.362	37.717	2089035.398	6023267.074		2129.182	RS-700	-0.11835251572
728	9/12/2019 8:05:31		-122.362	37.717	2089033.615	6023268.803		2093.275	RS-700	-0.34417937107
729	9/12/2019 8:05:32		-122.362	37.717	2089033.083	6023269.950		2238.018	RS-700	0.56615257862
730	9/12/2019 8:05:33		-122.362	37.717	2089031.969	6023270.998		2244.593	RS-700	0.60750138365
731	9/12/2019 8:05:34		-122.361	37.717	2089031.108	6023272.167		2204.675	RS-700	0.35644345912

Gamma Scan Survey Results
Survey Unit 4 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
732	9/12/2019 8:05:35		-122.362	37.717	2089032.332	6023271.092		2117.227	RS-700	-0.19354144654
733	9/12/2019 8:05:36		-122.361	37.717	2089031.555	6023271.684		2142.980	RS-700	-0.03156981132
734	9/12/2019 8:05:37		-122.361	37.717	2089030.781	6023272.132		2115.650	RS-700	-0.20346176101
735	9/12/2019 8:05:38		-122.361	37.717	2089028.038	6023274.536		2115.969	RS-700	-0.20145597484
736	9/12/2019 8:05:39		-122.361	37.717	2089027.743	6023274.762		2123.279	RS-700	-0.15547691824
737	9/12/2019 8:05:40		-122.361	37.717	2089027.080	6023275.096		2076.638	RS-700	-0.44881484277
738	9/12/2019 8:05:41		-122.361	37.717	2089028.346	6023273.732		2076.154	RS-700	-0.45186352201
739	9/12/2019 8:05:42		-122.361	37.717	2089028.640	6023273.594		2103.961	RS-700	-0.27697232704
740	9/12/2019 8:05:43		-122.361	37.717	2089029.449	6023273.176		2105.646	RS-700	-0.26637459120
741	9/12/2019 8:05:44		-122.361	37.717	2089029.338	6023273.260		2139.655	RS-700	-0.05248484277
742	9/12/2019 8:05:45		-122.361	37.717	2089029.006	6023273.485		2046.522	RS-700	-0.63822578616
743	9/12/2019 8:05:46		-122.361	37.717	2089028.628	6023274.201		2065.423	RS-700	-0.51935352201
744	9/12/2019 8:05:47		-122.361	37.717	2089027.748	6023274.473		2143.873	RS-700	-0.02595616352
745	9/12/2019 8:05:48		-122.361	37.717	2089027.129	6023274.460		2115.114	RS-700	-0.20682943396
746	9/12/2019 8:05:49		-122.361	37.717	2089026.657	6023274.393		2096.641	RS-700	-0.32301515723
747	9/12/2019 8:05:50		-122.361	37.717	2089026.296	6023274.270		2111.918	RS-700	-0.22692880503
748	9/12/2019 8:05:51		-122.361	37.717	2089026.151	6023274.210		1986.711	RS-700	-1.01439522013
749	9/12/2019 8:05:52		-122.361	37.717	2089027.780	6023274.734		2075.056	RS-700	-0.45876440252
750	9/12/2019 8:05:53		-122.361	37.717	2089029.421	6023274.593		2092.855	RS-700	-0.34682402516
751	9/12/2019 8:05:54		-122.361	37.717	2089030.736	6023274.416		2146.539	RS-700	-0.00918584906
752	9/12/2019 8:05:55		-122.361	37.717	2089031.245	6023274.456		2126.982	RS-700	-0.13218987421
753	9/12/2019 8:05:56		-122.361	37.717	2089030.518	6023274.354		2084.640	RS-700	-0.39849150943
754	9/12/2019 8:05:57		-122.361	37.717	2089029.059	6023274.470		2053.840	RS-700	-0.59220364780
755	9/12/2019 8:05:58		-122.361	37.717	2089027.924	6023274.794		2098.749	RS-700	-0.30975327044
756	9/12/2019 8:05:59		-122.361	37.717	2089028.739	6023274.116		2048.629	RS-700	-0.62497238994
757	9/12/2019 8:06:00		-122.361	37.717	2089029.597	6023273.092		2131.439	RS-700	-0.10415704403
758	9/12/2019 8:06:01		-122.361	37.717	2089029.225	6023273.461		2035.617	RS-700	-0.70681427673
759	9/12/2019 8:06:02		-122.361	37.717	2089028.374	6023274.167		2110.857	RS-700	-0.23360201258
760	9/12/2019 8:06:03		-122.361	37.717	2089027.851	6023274.822		2182.783	RS-700	0.21876000000
761	9/12/2019 8:06:04		-122.361	37.717	2089027.618	6023275.512		2106.859	RS-700	-0.25874679245
762	9/12/2019 8:06:05		-122.361	37.717	2089027.494	6023276.290		2109.755	RS-700	-0.24053364780
763	9/12/2019 8:06:06		-122.361	37.717	2089027.153	6023276.949		2130.954	RS-700	-0.10720849057
764	9/12/2019 8:06:07		-122.361	37.717	2089027.064	6023277.728		1983.407	RS-700	-1.03517767296
765	9/12/2019 8:06:08		-122.361	37.717	2089026.932	6023278.912		2061.177	RS-700	-0.54605421384
766	9/12/2019 8:06:09		-122.361	37.717	2089026.545	6023280.032		2063.930	RS-700	-0.52874264151
767	9/12/2019 8:06:10		-122.361	37.717	2089025.941	6023281.120		1912.878	RS-700	-1.47875339623
768	9/12/2019 8:06:11		-122.361	37.717	2089025.087	6023281.942		2146.297	RS-700	-0.01070842767
769	9/12/2019 8:06:12		-122.361	37.717	2089024.201	6023282.532		2092.649	RS-700	-0.34812113208
770	9/12/2019 8:06:13		-122.361	37.717	2089023.603	6023283.301		2023.506	RS-700	-0.78298308176
771	9/12/2019 8:06:14		-122.361	37.717	2089023.144	6023284.391		2096.376	RS-700	-0.32467735849
772	9/12/2019 8:06:15		-122.361	37.717	2089022.427	6023285.679		2060.940	RS-700	-0.54754735849
773	9/12/2019 8:06:16		-122.361	37.717	2089021.965	6023286.913		2069.526	RS-700	-0.49354553459
774	9/12/2019 8:06:17		-122.361	37.717	2089021.430	6023288.176		2075.051	RS-700	-0.45879622642
775	9/12/2019 8:06:18		-122.361	37.717	2089021.334	6023289.360		2160.084	RS-700	0.07600188679
776	9/12/2019 8:06:19		-122.361	37.717	2089021.271	6023290.661		2117.859	RS-700	-0.18956522013
777	9/12/2019 8:06:20		-122.361	37.717	2089020.880	6023292.013		2020.532	RS-700	-0.80168861635
778	9/12/2019 8:06:21		-122.361	37.717	2089020.124	6023293.415		2023.325	RS-700	-0.78411911950
779	9/12/2019 8:06:22		-122.361	37.717	2089019.005	6023294.753		2056.423	RS-700	-0.57595427673
780	9/12/2019 8:06:23		-122.361	37.717	2089017.527	6023295.822		1981.606	RS-700	-1.04650471698
781	9/12/2019 8:06:24		-122.361	37.717	2089014.338	6023298.681		2040.926	RS-700	-0.67342000000
782	9/12/2019 8:06:25		-122.361	37.717	2089012.859	6023299.780		2082.767	RS-700	-0.41027358491
783	9/12/2019 8:06:26		-122.361	37.717	2089011.425	6023300.475		2120.059	RS-700	-0.17572716981
784	9/12/2019 8:06:27		-122.361	37.717	2089010.312	6023301.494		2084.543	RS-700	-0.39909849057
785	9/12/2019 8:06:28		-122.361	37.717	2089009.014	6023302.683		2097.855	RS-700	-0.31537654088
786	9/12/2019 8:06:29		-122.361	37.717	2089007.426	6023303.780		2126.761	RS-700	-0.13358094340
787	9/12/2019 8:06:30		-122.361	37.717	2089005.621	6023304.843		2154.551	RS-700	0.04120289308
788	9/12/2019 8:06:31		-122.361	37.717	2089004.318	6023306.235		2114.752	RS-700	-0.20910471698
789	9/12/2019 8:06:32		-122.361	37.717	2089002.945	6023307.538		2135.650	RS-700	-0.07767402516
790	9/12/2019 8:06:33		-122.361	37.717	2089001.608	6023308.843		2119.966	RS-700	-0.17631264151
791	9/12/2019 8:06:34		-122.361	37.717	2089000.311	6023309.945		2108.070	RS-700	-0.25113006289
792	9/12/2019 8:06:35		-122.361	37.717	2088998.842	6023310.552		2128.079	RS-700	-0.12529157233

Gamma Scan Survey Results
Survey Unit 4 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
793	9/12/2019 8:06:36		-122.361	37.717	2088997.629	6023311.136		2086.853	RS-700	-0.38457289308
794	9/12/2019 8:06:37		-122.361	37.717	2088996.743	6023311.726		2104.863	RS-700	-0.27130213837
795	9/12/2019 8:06:38		-122.361	37.717	2088996.003	6023312.319		2107.962	RS-700	-0.25181339623
796	9/12/2019 8:06:39		-122.361	37.717	2088995.221	6023313.200		2165.455	RS-700	0.10977716981
797	9/12/2019 8:06:40		-122.361	37.717	2088994.473	6023314.169		2059.837	RS-700	-0.55448232704
798	9/12/2019 8:06:41		-122.361	37.717	2088993.728	6023315.022		2093.637	RS-700	-0.34190484277
799	9/12/2019 8:06:42		-122.361	37.717	2088993.243	6023315.562		2144.560	RS-700	-0.02163383648
800	9/12/2019 8:06:43		-122.361	37.717	2088992.984	6023315.788		2104.750	RS-700	-0.27201522013
801	9/12/2019 8:06:44		-122.361	37.717	2088992.723	6023316.101		2141.090	RS-700	-0.04346194969
802	9/12/2019 8:06:45		-122.361	37.717	2088993.834	6023315.168		2113.542	RS-700	-0.21671628931
803	9/12/2019 8:06:46		-122.361	37.717	2088993.386	6023315.738		2157.985	RS-700	0.06280169811
804	9/12/2019 8:06:47		-122.361	37.717	2088992.823	6023316.537		2156.280	RS-700	0.05207647799
805	9/12/2019 8:06:48		-122.361	37.717	2088992.256	6023317.596		2122.858	RS-700	-0.15812301887
806	9/12/2019 8:06:49		-122.361	37.717	2088991.581	6023318.566		2056.838	RS-700	-0.57334792453
807	9/12/2019 8:06:50		-122.361	37.717	2088990.652	6023319.503		2175.536	RS-700	0.17317949686
808	9/12/2019 8:06:51		-122.361	37.717	2088989.976	6023320.531		2214.127	RS-700	0.41589396226
809	9/12/2019 8:06:52		-122.361	37.717	2088989.823	6023320.904		2224.015	RS-700	0.47808150943
810	9/12/2019 8:06:53		-122.361	37.717	2088990.505	6023319.586		2127.869	RS-700	-0.12661276730
811	9/12/2019 8:06:54		-122.361	37.717	2088991.119	6023317.979		2136.332	RS-700	-0.07338452830
812	9/12/2019 8:06:55		-122.361	37.717	2088989.783	6023319.254		2203.672	RS-700	0.35013704403
813	9/12/2019 8:06:56		-122.361	37.717	2088991.188	6023318.211		2263.731	RS-700	0.72786540881
814	9/12/2019 8:06:57		-122.361	37.717	2088990.653	6023319.474		2112.386	RS-700	-0.22398584906
815	9/12/2019 8:06:58		-122.361	37.717	2088990.445	6023320.742		2122.869	RS-700	-0.15805955975
816	9/12/2019 8:06:59		-122.361	37.717	2088990.389	6023321.725		2198.895	RS-700	0.32009408805
817	9/12/2019 8:07:00		-122.361	37.717	2088990.418	6023322.102		2075.741	RS-700	-0.45445855346
818	9/12/2019 8:07:01		-122.361	37.717	2088990.415	6023322.275		2080.949	RS-700	-0.42170691824
819	9/12/2019 8:07:02		-122.361	37.717	2088990.490	6023322.161		2115.647	RS-700	-0.20347767296
820	9/12/2019 8:07:03		-122.361	37.717	2088990.458	6023321.929		2194.675	RS-700	0.29355402516
821	9/12/2019 8:07:04		-122.361	37.717	2088990.567	6023321.960		2226.683	RS-700	0.49485993711
822	9/12/2019 8:07:05		-122.361	37.717	2088990.918	6023322.632		2217.460	RS-700	0.43685584906
823	9/12/2019 8:07:06		-122.361	37.717	2088991.197	6023323.245		2170.555	RS-700	0.14185408805
824	9/12/2019 8:07:07		-122.361	37.717	2088991.432	6023324.234		2211.007	RS-700	0.39627050315
825	9/12/2019 8:07:08		-122.361	37.717	2088991.500	6023324.495		2166.775	RS-700	0.11808339623
826	9/12/2019 8:07:09		-122.361	37.717	2088991.732	6023323.777		2143.983	RS-700	-0.02526150943
827	9/12/2019 8:07:10		-122.361	37.717	2088992.336	6023322.718		2148.339	RS-700	0.00212930818
828	9/12/2019 8:07:11		-122.361	37.717	2088992.033	6023323.320		2084.432	RS-700	-0.39979792453
829	9/12/2019 8:07:12		-122.361	37.717	2088991.456	6023324.842		2233.475	RS-700	0.53757641509
830	9/12/2019 8:07:13		-122.361	37.717	2088990.447	6023326.152		2280.156	RS-700	0.83116861635
831	9/12/2019 8:07:14		-122.361	37.717	2088989.658	6023327.381		2267.153	RS-700	0.74938855346
832	9/12/2019 8:07:15		-122.361	37.717	2088989.274	6023328.386		2213.781	RS-700	0.41371792453
833	9/12/2019 8:07:16		-122.361	37.717	2088988.676	6023329.155		2222.904	RS-700	0.47109710692
834	9/12/2019 8:07:17		-122.361	37.717	2088987.862	6023329.775		2152.868	RS-700	0.03061704403
835	9/12/2019 8:07:18		-122.361	37.717	2088986.610	6023330.474		2242.036	RS-700	0.59142364780
836	9/12/2019 8:07:19		-122.361	37.717	2088985.541	6023331.118		2191.677	RS-700	0.27469641509
837	9/12/2019 8:07:20		-122.361	37.717	2088984.226	6023331.294		2158.883	RS-700	0.06844402516
838	9/12/2019 8:07:21		-122.361	37.717	2088982.987	6023331.327		2174.559	RS-700	0.16703616352
839	9/12/2019 8:07:22		-122.361	37.717	2088981.893	6023331.421		2177.448	RS-700	0.18520911950
840	9/12/2019 8:07:23		-122.361	37.717	2088981.012	6023331.751		2246.801	RS-700	0.62139012579
841	9/12/2019 8:07:24		-122.361	37.717	2088978.751	6023333.731		2228.569	RS-700	0.50672207547
842	9/12/2019 8:07:25		-122.361	37.717	2088977.694	6023333.797		2214.005	RS-700	0.41512584906
843	9/12/2019 8:07:26		-122.361	37.717	2088978.160	6023334.153		2196.001	RS-700	0.30189421384
844	9/12/2019 8:07:27		-122.361	37.717	2088980.054	6023332.339		2174.778	RS-700	0.16841566038
845	9/12/2019 8:07:28		-122.361	37.717	2088981.529	6023331.385		2235.132	RS-700	0.54800037736
846	9/12/2019 8:07:29		-122.361	37.717	2088982.563	6023330.682		2208.679	RS-700	0.38163150943
847	9/12/2019 8:07:30		-122.361	37.717	2088982.529	6023330.595		2185.111	RS-700	0.23340314465
848	9/12/2019 8:07:31		-122.361	37.717	2088981.422	6023331.296		2236.154	RS-700	0.55442930818
849	9/12/2019 8:07:32		-122.361	37.717	2088980.198	6023332.429		2208.230	RS-700	0.37880622642
850	9/12/2019 8:07:33		-122.361	37.717	2088979.410	6023333.599		2171.782	RS-700	0.14957528302
851	9/12/2019 8:07:34		-122.361	37.717	2088978.299	6023334.503		2184.681	RS-700	0.23070000000
852	9/12/2019 8:07:35		-122.361	37.717	2088977.477	6023335.528		2147.874	RS-700	-0.00079503145
853	9/12/2019 8:07:36		-122.361	37.717	2088976.833	6023336.788		2157.769	RS-700	0.06144050314

Gamma Scan Survey Results
Survey Unit 4 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
854	9/12/2019 8:07:37		-122.361	37.717	2088976.375	6023337.850		2112.859	RS-700	-0.22101327044
855	9/12/2019 8:07:38		-122.361	37.717	2088975.590	6023338.876		2105.594	RS-700	-0.26670459120
856	9/12/2019 8:07:39		-122.361	37.717	2088974.548	6023339.983		2102.537	RS-700	-0.28592981132
857	9/12/2019 8:07:40		-122.361	37.717	2088973.612	6023341.266		2134.549	RS-700	-0.08459704403
858	9/12/2019 8:07:41		-122.361	37.717	2088972.751	6023342.435		2107.538	RS-700	-0.25447679245
859	9/12/2019 8:07:42		-122.361	37.717	2088971.776	6023343.863		2185.771	RS-700	0.23755264151
860	9/12/2019 8:07:43		-122.361	37.717	2088970.690	6023345.374		2198.886	RS-700	0.32003490566
861	9/12/2019 8:07:44		-122.361	37.717	2088970.340	6023348.289		2161.445	RS-700	0.08456044025
862	9/12/2019 8:07:45		-122.361	37.717	2088968.480	6023348.455		2223.905	RS-700	0.47739025157
863	9/12/2019 8:07:46		-122.361	37.717	2088965.431	6023351.605		2022.926	RS-700	-0.78663194969
864	9/12/2019 8:07:47		-122.361	37.717	2088966.307	6023351.507		2178.445	RS-700	0.19147805031
865	9/12/2019 8:07:48		-122.361	37.717	2088965.079	6023352.785		2129.520	RS-700	-0.11622641509
866	9/12/2019 8:07:49		-122.361	37.717	2088963.742	6023354.089		2136.764	RS-700	-0.07066610063
867	9/12/2019 8:07:50		-122.361	37.717	2088962.549	6023355.483		2136.654	RS-700	-0.07135547170
868	9/12/2019 8:07:51		-122.361	37.717	2088961.173	6023356.931		2197.116	RS-700	0.30890327044
869	9/12/2019 8:07:52		-122.361	37.717	2088960.306	6023358.389		2138.755	RS-700	-0.05814465409
870	9/12/2019 8:07:53		-122.361	37.717	2088959.368	6023359.817		2113.967	RS-700	-0.21404257862
871	9/12/2019 8:07:54		-122.361	37.717	2088959.489	6023362.857		2132.293	RS-700	-0.09878345912
872	9/12/2019 8:07:55		-122.361	37.717	2088957.672	6023362.647		2197.782	RS-700	0.31309534591
873	9/12/2019 8:07:56		-122.361	37.717	2088956.701	6023363.901		2195.327	RS-700	0.29765641509
874	9/12/2019 8:07:57		-122.361	37.717	2088955.693	6023365.125		2136.976	RS-700	-0.06933553459
875	9/12/2019 8:07:58		-122.361	37.717	2088955.015	6023366.239		2113.857	RS-700	-0.21473440252
876	9/12/2019 8:07:59		-122.361	37.717	2088954.591	6023367.446		2065.427	RS-700	-0.51932503145
877	9/12/2019 8:08:00		-122.361	37.717	2088954.240	6023368.596		2073.634	RS-700	-0.46771050315
878	9/12/2019 8:08:01		-122.361	37.717	2088954.110	6023369.635		2141.871	RS-700	-0.03854591195
879	9/12/2019 8:08:02		-122.361	37.717	2088954.137	6023370.128		2065.633	RS-700	-0.51803289308
880	9/12/2019 8:08:03		-122.361	37.717	2088954.171	6023370.244		2052.036	RS-700	-0.60354433962
881	9/12/2019 8:08:04		-122.361	37.717	2088954.100	6023370.127		2033.624	RS-700	-0.71934830189
882	9/12/2019 8:08:05		-122.361	37.717	2088954.120	6023369.144		2027.826	RS-700	-0.75581018868
883	9/12/2019 8:08:06		-122.361	37.717	2088954.112	6023367.697		2107.171	RS-700	-0.25678553459
884	9/12/2019 8:08:07		-122.361	37.717	2088954.115	6023367.552		2024.518	RS-700	-0.77661616352
885	9/12/2019 8:08:08		-122.361	37.717	2088954.013	6023369.026		2066.832	RS-700	-0.51048905660
886	9/12/2019 8:08:09		-122.361	37.717	2088954.067	6023369.982		2019.613	RS-700	-0.80746754717
887	9/12/2019 8:08:10		-122.361	37.717	2088954.315	6023370.334		2168.989	RS-700	0.13200459120
888	9/12/2019 8:08:11		-122.361	37.717	2088954.771	6023371.211		2078.158	RS-700	-0.43925610063
889	9/12/2019 8:08:12		-122.361	37.717	2088955.150	6023372.289		2030.727	RS-700	-0.73756471698
890	9/12/2019 8:08:13		-122.361	37.717	2088955.212	6023372.811		2116.174	RS-700	-0.20016402516
891	9/12/2019 8:08:14		-122.361	37.717	2088955.525	6023371.746		2158.658	RS-700	0.06703088050
892	9/12/2019 8:08:15		-122.361	37.717	2088956.238	6023370.661		2119.438	RS-700	-0.17963245283
893	9/12/2019 8:08:16		-122.361	37.717	2088956.011	6023371.091		2047.150	RS-700	-0.63427955975
894	9/12/2019 8:08:17		-122.361	37.717	2088955.401	6023372.467		2041.518	RS-700	-0.66969666667
895	9/12/2019 8:08:18		-122.361	37.717	2088954.755	6023373.814		2275.144	RS-700	0.79964981132
896	9/12/2019 8:08:19		-122.361	37.717	2088954.555	6023376.558		2179.006	RS-700	0.19500358491
897	9/12/2019 8:08:20		-122.361	37.717	2088953.186	6023377.631		2173.315	RS-700	0.15921314465
898	9/12/2019 8:08:21		-122.361	37.717	2088949.262	6023379.028		2086.749	RS-700	-0.38522553459
899	9/12/2019 8:08:22		-122.361	37.717	2088949.492	6023378.425		2065.784	RS-700	-0.51708408805
900	9/12/2019 8:08:23		-122.361	37.717	2088947.876	6023379.087		2132.716	RS-700	-0.09612817610
901	9/12/2019 8:08:24		-122.361	37.717	2088946.191	6023379.603		2115.177	RS-700	-0.20643672956
902	9/12/2019 8:08:25		-122.361	37.717	2088944.538	6023380.294		2149.554	RS-700	0.00977088050
903	9/12/2019 8:08:26		-122.361	37.717	2088941.289	6023382.544		2170.884	RS-700	0.14392150943
904	9/12/2019 8:08:27		-122.361	37.717	2088940.249	6023383.535		2170.442	RS-700	0.14114415094
905	9/12/2019 8:08:28		-122.361	37.717	2088941.454	6023383.386		2157.876	RS-700	0.06211069182
906	9/12/2019 8:08:29		-122.361	37.717	2088940.192	6023384.605		2249.915	RS-700	0.64097540881
907	9/12/2019 8:08:30		-122.361	37.717	2088939.039	6023385.797		2161.774	RS-700	0.08663132075
908	9/12/2019 8:08:31		-122.361	37.717	2088938.070	6023386.877		2211.904	RS-700	0.40190987421
909	9/12/2019 8:08:32		-122.361	37.717	2088937.099	6023388.102		2248.575	RS-700	0.63254672956
910	9/12/2019 8:08:33		-122.361	37.717	2088936.199	6023389.415		2160.202	RS-700	0.07674427673
911	9/12/2019 8:08:34		-122.361	37.717	2088935.116	6023390.753		2210.564	RS-700	0.39348371069
912	9/12/2019 8:08:35		-122.361	37.717	2088933.852	6023392.087		2200.881	RS-700	0.33258610063
913	9/12/2019 8:08:36		-122.361	37.717	2088932.768	6023393.483		2143.877	RS-700	-0.02593251572
914	9/12/2019 8:08:37		-122.361	37.717	2088931.713	6023395.227		2123.763	RS-700	-0.15243528302

Gamma Scan Survey Results
Survey Unit 4 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
915	9/12/2019 8:08:38		-122.361	37.717	2088930.808	6023396.771		2133.199	RS-700	-0.09308559748
916	9/12/2019 8:08:39		-122.361	37.717	2088930.165	6023398.003		2217.334	RS-700	0.43606465409
917	9/12/2019 8:08:40		-122.361	37.717	2088928.975	6023399.252		2227.570	RS-700	0.50043723270
918	9/12/2019 8:08:41		-122.361	37.717	2088927.709	6023400.615		2207.345	RS-700	0.37323786164
919	9/12/2019 8:08:42		-122.361	37.717	2088926.553	6023401.981		2296.032	RS-700	0.93101767296
920	9/12/2019 8:08:43		-122.361	37.717	2088925.612	6023403.525		2221.795	RS-700	0.46412182390
921	9/12/2019 8:08:44		-122.361	37.717	2088924.566	6023404.835		2254.798	RS-700	0.67168849057
922	9/12/2019 8:08:45		-122.361	37.717	2088923.662	6023406.350		2176.449	RS-700	0.17892440252
923	9/12/2019 8:08:46		-122.361	37.717	2088923.203	6023409.263		2219.896	RS-700	0.45217660377
924	9/12/2019 8:08:47		-122.361	37.717	2088921.900	6023410.683		2217.025	RS-700	0.43411874214
925	9/12/2019 8:08:48		-122.361	37.717	2088920.888	6023412.139		2257.806	RS-700	0.69060534591
926	9/12/2019 8:08:49		-122.361	37.717	2088920.017	6023413.799		2189.887	RS-700	0.26344213837
927	9/12/2019 8:08:50		-122.361	37.717	2088919.551	6023415.294		2272.155	RS-700	0.78084949686
928	9/12/2019 8:08:51		-122.361	37.717	2088918.685	6023416.724		2173.781	RS-700	0.16214194969
929	9/12/2019 8:08:52		-122.361	37.717	2088918.369	6023417.932		2211.347	RS-700	0.39840930818
930	9/12/2019 8:08:53		-122.361	37.717	2088918.314	6023418.857		2197.892	RS-700	0.31378415094
931	9/12/2019 8:08:54		-122.361	37.717	2088918.699	6023419.646		2219.896	RS-700	0.45217704403
932	9/12/2019 8:08:55		-122.361	37.717	2088919.117	6023420.638		2154.417	RS-700	0.04035773585
933	9/12/2019 8:08:56		-122.361	37.717	2088919.198	6023422.028		2275.814	RS-700	0.80386088050
934	9/12/2019 8:08:57		-122.361	37.717	2088918.841	6023423.525		2260.372	RS-700	0.70674094340
935	9/12/2019 8:08:58		-122.361	37.717	2088918.685	6023424.043		2226.464	RS-700	0.49348163522
936	9/12/2019 8:08:59		-122.361	37.717	2088919.414	6023422.177		2324.579	RS-700	1.11056232704
937	9/12/2019 8:09:00		-122.361	37.717	2088920.544	6023420.290		2276.926	RS-700	0.81085559748
938	9/12/2019 8:09:01		-122.361	37.717	2088918.668	6023419.385		2256.146	RS-700	0.68016138365
939	9/12/2019 8:09:02		-122.361	37.717	2088917.923	6023420.238		2221.904	RS-700	0.46480547170
940	9/12/2019 8:09:03		-122.361	37.717	2088920.193	6023421.440		2221.557	RS-700	0.46261974843
941	9/12/2019 8:09:04		-122.361	37.717	2088919.599	6023422.007		2254.046	RS-700	0.66695716981
942	9/12/2019 8:09:05		-122.361	37.717	2088919.337	6023422.378		2211.336	RS-700	0.39833742138
943	9/12/2019 8:09:06		-122.361	37.717	2088918.231	6023423.079		2221.683	RS-700	0.46341194969
944	9/12/2019 8:09:07		-122.361	37.717	2088917.378	6023423.843		2227.014	RS-700	0.49694547170
945	9/12/2019 8:09:08		-122.361	37.717	2088916.557	6023424.811		2175.212	RS-700	0.17114622642
946	9/12/2019 8:09:09		-122.361	37.717	2088915.988	6023425.957		2226.024	RS-700	0.49071610063
947	9/12/2019 8:09:10		-122.361	37.717	2088914.986	6023426.920		2174.774	RS-700	0.16838855346
948	9/12/2019 8:09:11		-122.361	37.717	2088914.168	6023427.743		2223.719	RS-700	0.47622314465
949	9/12/2019 8:09:12		-122.361	37.717	2088914.093	6023427.857		2294.811	RS-700	0.92333654088
950	9/12/2019 8:09:13		-122.361	37.717	2088915.746	6023427.167		2225.350	RS-700	0.48648094340
951	9/12/2019 8:09:14		-122.361	37.717	2088916.990	6023426.845		2138.654	RS-700	-0.05877974843
952	9/12/2019 8:09:15		-122.361	37.717	2088917.357	6023426.736		2191.562	RS-700	0.27397509434
953	9/12/2019 8:09:16		-122.361	37.717	2088916.331	6023427.034		2146.658	RS-700	-0.00844276730
954	9/12/2019 8:09:17		-122.361	37.717	2088915.121	6023427.444		2232.482	RS-700	0.53133396226
955	9/12/2019 8:09:18		-122.361	37.717	2088913.439	6023427.786		2229.569	RS-700	0.51301352201
956	9/12/2019 8:09:19		-122.361	37.717	2088911.761	6023427.927		2236.138	RS-700	0.55432427673
957	9/12/2019 8:09:20		-122.361	37.717	2088910.414	6023427.871		2219.133	RS-700	0.44737459120
958	9/12/2019 8:09:21		-122.361	37.717	2088909.101	6023427.989		2147.556	RS-700	-0.00279006289
959	9/12/2019 8:09:22		-122.361	37.717	2088907.815	6023428.543		2186.889	RS-700	0.24458339623
960	9/12/2019 8:09:23		-122.361	37.717	2088907.113	6023429.078		2195.008	RS-700	0.29565081761
961	9/12/2019 8:09:24		-122.361	37.717	2088907.223	6023429.023		2161.662	RS-700	0.08592452830
962	9/12/2019 8:09:25		-122.361	37.717	2088907.781	6023428.455		2171.107	RS-700	0.14532584906
963	9/12/2019 8:09:26		-122.361	37.717	2088909.114	6023427.324		2225.904	RS-700	0.48996295598
964	9/12/2019 8:09:27		-122.361	37.717	2088909.483	6023427.071		2207.427	RS-700	0.37375459120
965	9/12/2019 8:09:28		-122.361	37.717	2088908.307	6023427.627		2138.081	RS-700	-0.06238358491
966	9/12/2019 8:09:29		-122.361	37.717	2088907.826	6023427.993		2204.566	RS-700	0.35576232704
967	9/12/2019 8:09:30		-122.361	37.717	2088908.305	6023427.713		2194.890	RS-700	0.29490761006
968	9/12/2019 8:09:31		-122.361	37.717	2088908.084	6023427.825		2209.901	RS-700	0.38931421384
969	9/12/2019 8:09:32		-122.361	37.717	2088909.263	6023427.154		2128.549	RS-700	-0.12233220126
970	9/12/2019 8:09:33		-122.361	37.717	2088910.254	6023426.768		2274.494	RS-700	0.79555786164
971	9/12/2019 8:09:34		-122.361	37.717	2088910.254	6023426.797		2289.701	RS-700	0.89120157233
972	9/12/2019 8:09:35		-122.361	37.717	2088909.777	6023426.961		2202.013	RS-700	0.33970245283
973	9/12/2019 8:09:36		-122.361	37.717	2088908.860	6023427.261		2206.681	RS-700	0.36906364780
974	9/12/2019 8:09:37		-122.361	37.717	2088908.235	6023427.596		2238.139	RS-700	0.56691465409
975	9/12/2019 8:09:38		-122.361	37.717	2088909.226	6023427.211		2153.451	RS-700	0.03428100629

Gamma Scan Survey Results
Survey Unit 4 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
976	9/12/2019 8:09:39		-122.361	37.717	2088911.569	6023426.592		2207.574	RS-700	0.37467610063
977	9/12/2019 8:09:40		-122.361	37.717	2088913.036	6023426.072		2202.880	RS-700	0.34515603774
978	9/12/2019 8:09:41		-122.361	37.717	2088912.890	6023426.098		2197.458	RS-700	0.31105654088
979	9/12/2019 8:09:42		-122.361	37.717	2088911.866	6023426.280		2211.896	RS-700	0.40185867925
980	9/12/2019 8:09:43		-122.361	37.717	2088910.762	6023426.865		2177.097	RS-700	0.18300100629
981	9/12/2019 8:09:44		-122.361	37.717	2088909.686	6023427.885		2189.891	RS-700	0.26346641509
982	9/12/2019 8:09:45		-122.361	37.717	2088908.499	6023428.932		2305.940	RS-700	0.99333371069
983	9/12/2019 8:09:46		-122.361	37.717	2088907.244	6023429.804		2123.857	RS-700	-0.15184377359
984	9/12/2019 8:09:47		-122.361	37.717	2088905.983	6023430.965		2254.031	RS-700	0.66685893082
985	9/12/2019 8:09:48		-122.361	37.717	2088905.227	6023432.339		2258.380	RS-700	0.69421459120
986	9/12/2019 8:09:49		-122.361	37.717	2088904.325	6023433.738		2183.006	RS-700	0.22016465409
987	9/12/2019 8:09:50		-122.361	37.717	2088903.605	6023435.171		2045.621	RS-700	-0.64389144654
988	9/12/2019 8:09:51		-122.361	37.717	2088902.666	6023436.570		2126.769	RS-700	-0.13353094340
989	9/12/2019 8:09:52		-122.361	37.717	2088901.445	6023437.529		2167.883	RS-700	0.12504842767
990	9/12/2019 8:09:53		-122.361	37.717	2088900.478	6023438.551		2122.971	RS-700	-0.15741509434
991	9/12/2019 8:09:54		-122.361	37.717	2088899.438	6023439.572		2200.911	RS-700	0.33277144654
992	9/12/2019 8:09:55		-122.361	37.717	2088898.469	6023440.681		2219.791	RS-700	0.45151547170
993	9/12/2019 8:09:56		-122.361	37.717	2088897.572	6023441.820		2185.325	RS-700	0.23474880503
994	9/12/2019 8:09:57		-122.361	37.717	2088896.784	6023442.991		2207.685	RS-700	0.37537559748
995	9/12/2019 8:09:58		-122.361	37.717	2088895.884	6023444.304		2092.641	RS-700	-0.34816748428
996	9/12/2019 8:09:59		-122.361	37.717	2088894.803	6023445.584		2125.762	RS-700	-0.13986295598
997	9/12/2019 8:10:00		-122.361	37.717	2088893.789	6023447.126		2168.774	RS-700	0.13065144654
998	9/12/2019 8:10:01		-122.361	37.717	2088892.594	6023448.578		2134.764	RS-700	-0.08324415094
999	9/12/2019 8:10:02		-122.361	37.717	2088891.400	6023450.030		2092.060	RS-700	-0.35182088050
1000	9/12/2019 8:10:03		-122.361	37.717	2088890.390	6023451.369		2179.547	RS-700	0.19840666667
1001	9/12/2019 8:10:04		-122.361	37.717	2088889.381	6023452.651		2097.872	RS-700	-0.31526993711
1002	9/12/2019 8:10:05		-122.361	37.717	2088888.664	6023453.939		2126.979	RS-700	-0.13220547170
1003	9/12/2019 8:10:06		-122.361	37.717	2088887.874	6023455.167		2220.018	RS-700	0.45294610063
1004	9/12/2019 8:10:07		-122.361	37.717	2088886.940	6023456.363		2192.680	RS-700	0.28100591195
1005	9/12/2019 8:10:08		-122.361	37.717	2088886.045	6023457.416		2067.544	RS-700	-0.50601496855
1006	9/12/2019 8:10:09		-122.361	37.717	2088885.336	6023458.299		2206.674	RS-700	0.36902194969
1007	9/12/2019 8:10:10		-122.361	37.717	2088884.545	6023459.585		2188.891	RS-700	0.25717591195
1008	9/12/2019 8:10:11		-122.361	37.717	2088883.609	6023460.897		2293.704	RS-700	0.91637616352
1009	9/12/2019 8:10:12		-122.361	37.717	2088882.966	6023462.071		2180.877	RS-700	0.20677283019
1010	9/12/2019 8:10:13		-122.361	37.717	2088882.467	6023463.391		2236.802	RS-700	0.55850207547
1011	9/12/2019 8:10:14		-122.361	37.717	2088882.152	6023464.571		2291.939	RS-700	0.90527377359
1012	9/12/2019 8:10:15		-122.361	37.717	2088881.946	6023465.753		2297.146	RS-700	0.93802377359
1013	9/12/2019 8:10:16		-122.361	37.717	2088881.927	6023466.737		2260.918	RS-700	0.71017911950
1014	9/12/2019 8:10:17		-122.361	37.717	2088882.381	6023467.700		2298.822	RS-700	0.94856761006
1015	9/12/2019 8:10:18		-122.361	37.717	2088882.617	6023468.631		2243.139	RS-700	0.59835685535
1016	9/12/2019 8:10:19		-122.361	37.717	2088882.482	6023469.930		2203.549	RS-700	0.34936566038
1017	9/12/2019 8:10:20		-122.361	37.717	2088882.018	6023471.280		2257.913	RS-700	0.69127761006
1018	9/12/2019 8:10:21		-122.361	37.717	2088881.086	6023472.361		2284.700	RS-700	0.85974534591
1019	9/12/2019 8:10:22		-122.361	37.717	2088879.834	6023473.089		2283.587	RS-700	0.85274792453
1020	9/12/2019 8:10:23		-122.361	37.717	2088878.806	6023473.473		2327.061	RS-700	1.12617125786
1021	9/12/2019 8:10:24		-122.361	37.717	2088878.290	6023473.810		2230.794	RS-700	0.52071597484
1022	9/12/2019 8:10:25		-122.361	37.717	2088877.510	6023474.576		2169.220	RS-700	0.13346094340
1023	9/12/2019 8:10:26		-122.361	37.717	2088876.187	6023475.186		2260.689	RS-700	0.70873754717
1024	9/12/2019 8:10:27		-122.361	37.717	2088874.865	6023475.709		2285.931	RS-700	0.86748855346
1025	9/12/2019 8:10:28		-122.361	37.717	2088873.873	6023476.123		2237.694	RS-700	0.56411490566
1026	9/12/2019 8:10:29		-122.361	37.717	2088872.984	6023476.916		2234.910	RS-700	0.54660138365
1027	9/12/2019 8:10:30		-122.361	37.717	2088872.093	6023477.766		2266.147	RS-700	0.74306301887
1028	9/12/2019 8:10:31		-122.361	37.717	2088870.910	6023478.610		2185.996	RS-700	0.23897081761
1029	9/12/2019 8:10:32		-122.361	37.717	2088869.654	6023479.511		2108.963	RS-700	-0.24551836478
1030	9/12/2019 8:10:33		-122.361	37.717	2088868.611	6023480.706		2142.768	RS-700	-0.03290842767
1031	9/12/2019 8:10:34		-122.361	37.717	2088867.563	6023482.131		2093.736	RS-700	-0.34128308176
1032	9/12/2019 8:10:35		-122.361	37.717	2088866.590	6023483.443		2168.786	RS-700	0.13072911950
1033	9/12/2019 8:10:36		-122.361	37.717	2088865.981	6023484.732		2210.455	RS-700	0.39280088050
1034	9/12/2019 8:10:37		-122.361	37.717	2088865.083	6023485.959		2130.759	RS-700	-0.10843654088
1035	9/12/2019 8:10:38		-122.361	37.717	2088864.367	6023487.159		2021.929	RS-700	-0.79289823899
1036	9/12/2019 8:10:39		-122.361	37.717	2088863.688	6023488.332		2047.527	RS-700	-0.63190490566

Gamma Scan Survey Results
Survey Unit 4 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
1037	9/12/2019 8:10:40		-122.361	37.717	2088862.718	6023489.528		2052.725	RS-700	-0.59921610063
1038	9/12/2019 8:10:41		-122.361	37.717	2088861.529	6023490.690		2084.844	RS-700	-0.39720949686
1039	9/12/2019 8:10:42		-122.361	37.717	2088860.597	6023491.800		2042.618	RS-700	-0.66278081761
1040	9/12/2019 8:10:43		-122.361	37.717	2088860.064	6023492.918		2059.721	RS-700	-0.55521320755
1041	9/12/2019 8:10:44		-122.361	37.717	2088859.860	6023494.042		1990.509	RS-700	-0.99050993711
1042	9/12/2019 8:10:45		-122.361	37.717	2088860.020	6023495.174		2064.032	RS-700	-0.52809924528
1043	9/12/2019 8:10:46		-122.361	37.717	2088860.545	6023496.225		2194.218	RS-700	0.29068025157
1044	9/12/2019 8:10:47		-122.361	37.717	2088860.969	6023496.899		2171.219	RS-700	0.14603345912
1045	9/12/2019 8:10:48		-122.361	37.717	2088859.936	6023495.693		2091.768	RS-700	-0.35365805031
1046	9/12/2019 8:10:49		-122.361	37.717	2088858.688	6023494.366		2109.650	RS-700	-0.24119220126
1047	9/12/2019 8:10:50		-122.361	37.717	2088858.407	6023493.840		2027.926	RS-700	-0.75518050315
1048	9/12/2019 8:10:51		-122.361	37.717	2088858.582	6023494.190		2095.434	RS-700	-0.33060496855
1049	9/12/2019 8:10:52		-122.361	37.717	2088859.253	6023495.274		2086.676	RS-700	-0.38568465409
1050	9/12/2019 8:10:53		-122.361	37.717	2088860.290	6023496.220		2133.658	RS-700	-0.09020006289
1051	9/12/2019 8:10:54		-122.361	37.717	2088861.518	6023496.737		2168.205	RS-700	0.12707257862
1052	9/12/2019 8:10:55		-122.361	37.717	2088862.135	6023496.865		2102.643	RS-700	-0.28526119497
1053	9/12/2019 8:10:56		-122.361	37.717	2088860.896	6023496.898		2127.754	RS-700	-0.12733283019
1054	9/12/2019 8:10:57		-122.361	37.717	2088860.273	6023497.088		2133.555	RS-700	-0.09085031447
1055	9/12/2019 8:10:58		-122.361	37.717	2088861.769	6023496.944		2167.774	RS-700	0.12436238994
1056	9/12/2019 8:10:59		-122.361	37.717	2088863.445	6023496.920		2109.436	RS-700	-0.24254389937
1057	9/12/2019 8:11:00		-122.361	37.717	2088863.993	6023496.815		2107.647	RS-700	-0.25379295598
1058	9/12/2019 8:11:01		-122.361	37.717	2088862.161	6023497.357		2087.267	RS-700	-0.38196584906
1059	9/12/2019 8:11:02		-122.361	37.717	2088860.591	6023497.586		2024.910	RS-700	-0.77414987421
1060	9/12/2019 8:11:03		-122.361	37.717	2088859.890	6023498.035		2056.942	RS-700	-0.57269459120
1061	9/12/2019 8:11:04		-122.361	37.717	2088860.405	6023497.756		2191.783	RS-700	0.27536761006
1062	9/12/2019 8:11:05		-122.361	37.717	2088861.393	6023497.544		2109.970	RS-700	-0.23918018868
1063	9/12/2019 8:11:06		-122.361	37.717	2088862.528	6023497.249		2132.978	RS-700	-0.09447729560
1064	9/12/2019 8:11:07		-122.361	37.717	2088863.891	6023496.437		2122.760	RS-700	-0.15874100629
1065	9/12/2019 8:11:08		-122.361	37.717	2088864.971	6023495.243		2171.092	RS-700	0.14523094340
1066	9/12/2019 8:11:09		-122.361	37.717	2088865.734	6023493.522		2105.068	RS-700	-0.27001440252
1067	9/12/2019 8:11:10		-122.361	37.717	2088865.954	6023491.588		2171.009	RS-700	0.14470930818
1068	9/12/2019 8:11:11		-122.361	37.717	2088865.554	6023489.758		2104.078	RS-700	-0.27623836478
1069	9/12/2019 8:11:12		-122.361	37.717	2088865.288	6023488.451		2116.950	RS-700	-0.19528276730
1070	9/12/2019 8:11:13		-122.361	37.717	2088865.343	6023487.526		2026.829	RS-700	-0.76207874214
1071	9/12/2019 8:11:14		-122.361	37.717	2088864.966	6023488.184		2059.528	RS-700	-0.55642459120
1072	9/12/2019 8:11:15		-122.361	37.717	2088863.950	6023489.813		2084.051	RS-700	-0.40219201258
1073	9/12/2019 8:11:16		-122.361	37.717	2088862.789	6023491.410		2079.948	RS-700	-0.42799729560
1074	9/12/2019 8:11:17		-122.361	37.717	2088861.665	6023493.008		2173.669	RS-700	0.16143867925
1075	9/12/2019 8:11:18		-122.361	37.717	2088860.619	6023494.318		1993.508	RS-700	-0.97164911950
1076	9/12/2019 8:11:19		-122.361	37.717	2088859.872	6023495.257		2123.184	RS-700	-0.15607597484
1077	9/12/2019 8:11:20		-122.361	37.717	2088859.236	6023496.142		2065.161	RS-700	-0.52100232704
1078	9/12/2019 8:11:21		-122.361	37.717	2088859.236	6023496.113		2093.643	RS-700	-0.34186647799
1079	9/12/2019 8:11:22		-122.361	37.717	2088858.900	6023496.511		2064.854	RS-700	-0.52293226415
1080	9/12/2019 8:11:23		-122.361	37.717	2088858.676	6023496.796		1973.904	RS-700	-1.09494496855
1081	9/12/2019 8:11:24		-122.361	37.717	2088858.638	6023496.911		2077.949	RS-700	-0.44057301887
1082	9/12/2019 8:11:25		-122.361	37.717	2088859.049	6023496.369		2064.732	RS-700	-0.52369811321
1083	9/12/2019 8:11:26		-122.361	37.717	2088859.951	6023494.970		2076.637	RS-700	-0.44882553459
1084	9/12/2019 8:11:27		-122.361	37.717	2088861.211	6023493.866		2241.913	RS-700	0.59065000000
1085	9/12/2019 8:11:28		-122.361	37.717	2088862.836	6023492.713		2137.595	RS-700	-0.06543930818
1086	9/12/2019 8:11:29		-122.361	37.717	2088864.322	6023491.238		2075.954	RS-700	-0.45312000000
1087	9/12/2019 8:11:30		-122.361	37.717	2088865.918	6023489.736		2208.125	RS-700	0.37814251572
1088	9/12/2019 8:11:31		-122.361	37.717	2088867.333	6023488.202		2284.045	RS-700	0.85562685535
1089	9/12/2019 8:11:32		-122.361	37.717	2088868.782	6023486.727		2245.688	RS-700	0.61439226415
1090	9/12/2019 8:11:33		-122.361	37.717	2088870.014	6023485.247		2253.595	RS-700	0.66412018868
1091	9/12/2019 8:11:34		-122.361	37.717	2088871.313	6023484.028		2234.910	RS-700	0.54660283019
1092	9/12/2019 8:11:35		-122.361	37.717	2088872.648	6023482.811		2237.018	RS-700	0.55985974843
1093	9/12/2019 8:11:36		-122.361	37.717	2088873.801	6023481.590		2184.672	RS-700	0.23064421384
1094	9/12/2019 8:11:37		-122.361	37.717	2088874.958	6023480.195		2177.783	RS-700	0.18731528302
1095	9/12/2019 8:11:38		-122.361	37.717	2088876.222	6023478.919		2228.012	RS-700	0.50321924528
1096	9/12/2019 8:11:39		-122.361	37.717	2088877.374	6023477.755		2222.126	RS-700	0.46620220126
1097	9/12/2019 8:11:40		-122.361	37.717	2088878.566	6023476.419		2359.844	RS-700	1.33235031447

Gamma Scan Survey Results
Survey Unit 4 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
1098	9/12/2019 8:11:41		-122.361	37.717	2088879.723	6023474.996		2204.663	RS-700	0.35636823899
1099	9/12/2019 8:11:42		-122.361	37.717	2088880.734	6023473.598		2284.147	RS-700	0.85627144654
1100	9/12/2019 8:11:43		-122.361	37.717	2088881.854	6023472.232		2274.613	RS-700	0.79631069182
1101	9/12/2019 8:11:44		-122.361	37.717	2088883.076	6023471.186		2243.351	RS-700	0.59969138365
1102	9/12/2019 8:11:45		-122.361	37.717	2088884.267	6023469.937		2271.040	RS-700	0.77383408805
1103	9/12/2019 8:11:46		-122.361	37.717	2088885.208	6023468.393		2301.706	RS-700	0.96670591195
1104	9/12/2019 8:11:47		-122.361	37.717	2088886.083	6023466.501		2323.193	RS-700	1.10184062893
1105	9/12/2019 8:11:48		-122.361	37.717	2088886.741	6023464.547		2264.032	RS-700	0.72976163522
1106	9/12/2019 8:11:49		-122.361	37.717	2088887.508	6023462.624		2205.678	RS-700	0.36275553459
1107	9/12/2019 8:11:50		-122.361	37.717	2088888.380	6023460.876		2164.556	RS-700	0.10412465409
1108	9/12/2019 8:11:51		-122.361	37.717	2088889.499	6023459.539		2183.108	RS-700	0.22080213837
1109	9/12/2019 8:11:52		-122.361	37.717	2088890.804	6023458.003		2120.757	RS-700	-0.17134163522
1110	9/12/2019 8:11:53		-122.361	37.717	2088891.962	6023456.550		2287.278	RS-700	0.87596031447
1111	9/12/2019 8:11:54		-122.361	37.717	2088893.009	6023455.211		2231.362	RS-700	0.52428842767
1112	9/12/2019 8:11:55		-122.361	37.717	2088894.055	6023453.872		2172.665	RS-700	0.15512886793
1113	9/12/2019 8:11:56		-122.361	37.717	2088894.994	6023452.416		2192.656	RS-700	0.28085773585
1114	9/12/2019 8:11:57		-122.361	37.717	2088895.826	6023450.870		2168.438	RS-700	0.12854106918
1115	9/12/2019 8:11:58		-122.361	37.717	2088896.909	6023449.561		2169.438	RS-700	0.13483132076
1116	9/12/2019 8:11:59		-122.361	37.717	2088897.991	6023448.251		2127.866	RS-700	-0.12663062893
1117	9/12/2019 8:12:00		-122.361	37.717	2088899.146	6023446.915		2218.259	RS-700	0.44188113208
1118	9/12/2019 8:12:01		-122.361	37.717	2088900.344	6023445.289		2235.790	RS-700	0.55213660377
1119	9/12/2019 8:12:02		-122.361	37.717	2088901.472	6023443.518		2263.693	RS-700	0.72762867925
1120	9/12/2019 8:12:03		-122.361	37.717	2088902.526	6023441.803		2168.993	RS-700	0.13203289308
1121	9/12/2019 8:12:04		-122.361	37.717	2088903.758	6023440.294		2172.992	RS-700	0.15718276730
1122	9/12/2019 8:12:05		-122.361	37.717	2088905.060	6023438.903		2158.446	RS-700	0.06569974843
1123	9/12/2019 8:12:06		-122.361	37.717	2088906.398	6023437.570		2194.119	RS-700	0.29005924528
1124	9/12/2019 8:12:07		-122.361	37.717	2088907.553	6023436.233		2320.839	RS-700	1.08704037736
1125	9/12/2019 8:12:08		-122.361	37.717	2088908.601	6023434.807		2315.061	RS-700	1.05070006289
1126	9/12/2019 8:12:09		-122.361	37.717	2088909.430	6023433.435		2241.465	RS-700	0.58782754717
1127	9/12/2019 8:12:10		-122.361	37.717	2088910.406	6023431.950		2225.918	RS-700	0.49005207547
1128	9/12/2019 8:12:11		-122.361	37.717	2088911.380	6023430.610		2244.800	RS-700	0.60880232704
1129	9/12/2019 8:12:12		-122.361	37.717	2088912.607	6023429.303		2223.456	RS-700	0.47456899371
1130	9/12/2019 8:12:13		-122.361	37.717	2088914.016	6023428.087		2208.566	RS-700	0.38092069182
1131	9/12/2019 8:12:14		-122.361	37.717	2088915.353	6023426.754		2253.474	RS-700	0.66335830189
1132	9/12/2019 8:12:15		-122.361	37.717	2088916.580	6023425.477		2308.821	RS-700	1.01145566038
1133	9/12/2019 8:12:16		-122.361	37.717	2088917.883	6023424.056		2230.022	RS-700	0.51586459120
1134	9/12/2019 8:12:17		-122.361	37.717	2088919.190	6023422.433		2256.920	RS-700	0.68503427673
1135	9/12/2019 8:12:18		-122.361	37.717	2088920.424	6023420.809		2309.054	RS-700	1.01291817610
1136	9/12/2019 8:12:19		-122.361	37.717	2088921.586	6023419.183		2186.891	RS-700	0.24460025157
1137	9/12/2019 8:12:20		-122.361	37.717	2088922.600	6023417.612		2279.927	RS-700	0.82973157233
1138	9/12/2019 8:12:21		-122.361	37.717	2088923.614	6023416.098		2281.284	RS-700	0.83826490566
1139	9/12/2019 8:12:22		-122.361	37.717	2088924.702	6023414.500		2184.100	RS-700	0.22704522013
1140	9/12/2019 8:12:23		-122.361	37.717	2088925.825	6023412.931		2261.817	RS-700	0.71582723270
1141	9/12/2019 8:12:24		-122.361	37.717	2088927.055	6023411.509		2287.049	RS-700	0.87452006289
1142	9/12/2019 8:12:25		-122.361	37.717	2088928.287	6023410.029		2190.217	RS-700	0.26551779874
1143	9/12/2019 8:12:26		-122.361	37.717	2088929.300	6023408.545		2070.946	RS-700	-0.48461849057
1144	9/12/2019 8:12:27		-122.361	37.717	2088930.314	6023406.974		2234.686	RS-700	0.54519566038
1145	9/12/2019 8:12:28		-122.361	37.717	2088931.361	6023405.606		2148.981	RS-700	0.00617044025
1146	9/12/2019 8:12:29		-122.361	37.717	2088932.405	6023404.412		2176.213	RS-700	0.17743754717
1147	9/12/2019 8:12:30		-122.361	37.717	2088933.372	6023403.361		2192.889	RS-700	0.28231786164
1148	9/12/2019 8:12:31		-122.361	37.717	2088934.742	6023402.231		2198.008	RS-700	0.31451773585
1149	9/12/2019 8:12:32		-122.361	37.717	2088935.968	6023401.040		2115.069	RS-700	-0.20711220126
1150	9/12/2019 8:12:33		-122.361	37.717	2088936.872	6023399.525		2297.817	RS-700	0.94224213837
1151	9/12/2019 8:12:34		-122.361	37.717	2088937.412	6023398.031		2131.762	RS-700	-0.10212779874
1152	9/12/2019 8:12:35		-122.361	37.717	2088937.844	6023396.419		2336.075	RS-700	1.18285943396
1153	9/12/2019 8:12:36		-122.361	37.717	2088938.276	6023394.837		2296.048	RS-700	0.93111729560
1154	9/12/2019 8:12:37		-122.361	37.717	2088938.851	6023393.402		2283.821	RS-700	0.85422132076
1155	9/12/2019 8:12:38		-122.361	37.717	2088939.861	6023392.062		2204.005	RS-700	0.35223207547
1156	9/12/2019 8:12:39		-122.361	37.717	2088940.838	6023390.577		2134.981	RS-700	-0.08187823899
1157	9/12/2019 8:12:40		-122.361	37.717	2088942.070	6023389.039		2159.638	RS-700	0.07319232704
1158	9/12/2019 8:12:41		-122.361	37.717	2088943.335	6023387.705		2205.568	RS-700	0.36206471698

Gamma Scan Survey Results
Survey Unit 4 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
1159	9/12/2019 8:12:42		-122.361	37.717	2088944.744	6023386.431		2163.666	RS-700	0.09852685535
1160	9/12/2019 8:12:43		-122.361	37.717	2088946.155	6023385.070		2205.006	RS-700	0.35852679245
1161	9/12/2019 8:12:44		-122.361	37.717	2088947.423	6023383.562		2184.101	RS-700	0.22704937107
1162	9/12/2019 8:12:45		-122.361	37.717	2088948.620	6023381.995		2196.233	RS-700	0.30335484277
1163	9/12/2019 8:12:46		-122.361	37.717	2088950.066	6023380.693		2187.324	RS-700	0.24731962264
1164	9/12/2019 8:12:47		-122.361	37.717	2088951.439	6023379.390		2106.276	RS-700	-0.26241433962
1165	9/12/2019 8:12:48		-122.361	37.717	2088952.593	6023378.168		2163.778	RS-700	0.09923081761
1166	9/12/2019 8:12:49		-122.361	37.717	2088953.601	6023376.916		2095.855	RS-700	-0.32795433962
1167	9/12/2019 8:12:50		-122.361	37.717	2088954.685	6023375.520		2129.973	RS-700	-0.11337616352
1168	9/12/2019 8:12:51		-122.361	37.717	2088955.737	6023373.891		2036.054	RS-700	-0.70406012579
1169	9/12/2019 8:12:52		-122.361	37.717	2088956.754	6023372.176		2093.060	RS-700	-0.34553597484
1170	9/12/2019 8:12:53		-122.361	37.717	2088957.660	6023370.603		2158.881	RS-700	0.06843547170
1171	9/12/2019 8:12:54		-122.361	37.717	2088958.600	6023369.088		2163.211	RS-700	0.09566949686
1172	9/12/2019 8:12:55		-122.361	37.717	2088958.789	6023368.774		2210.570	RS-700	0.39352157233
1173	9/12/2019 8:12:56		-122.361	37.717	2088959.163	6023368.260		2191.216	RS-700	0.27179729560
1174	9/12/2019 8:12:57		-122.361	37.717	2088959.839	6023367.261		2220.707	RS-700	0.45727396226
1175	9/12/2019 8:12:58		-122.361	37.717	2088960.437	6023366.463		2166.665	RS-700	0.11738968554
1176	9/12/2019 8:12:59		-122.361	37.717	2088961.301	6023365.120		2215.906	RS-700	0.42708000000
1177	9/12/2019 8:13:00		-122.361	37.717	2088962.390	6023363.493		2198.568	RS-700	0.31804031447
1178	9/12/2019 8:13:01		-122.361	37.717	2088963.625	6023361.811		2181.684	RS-700	0.21185069182
1179	9/12/2019 8:13:02		-122.361	37.717	2088964.896	6023360.158		2121.295	RS-700	-0.16795691824
1180	9/12/2019 8:13:03		-122.361	37.717	2088965.732	6023358.410		2122.967	RS-700	-0.15744308176
1181	9/12/2019 8:13:04		-122.361	37.717	2088966.498	6023356.545		2222.570	RS-700	0.46899591195
1182	9/12/2019 8:13:05		-122.361	37.717	2088967.693	6023355.035		2175.543	RS-700	0.17322383648
1183	9/12/2019 8:13:06		-122.361	37.717	2088969.038	6023353.355		2070.640	RS-700	-0.48654264151
1184	9/12/2019 8:13:07		-122.361	37.717	2088970.419	6023351.647		2208.785	RS-700	0.38229805031
1185	9/12/2019 8:13:08		-122.361	37.717	2088971.727	6023349.995		2211.120	RS-700	0.39698075472
1186	9/12/2019 8:13:09		-122.361	37.717	2088972.925	6023348.370		2119.085	RS-700	-0.18185716981
1187	9/12/2019 8:13:10		-122.361	37.717	2088974.048	6023346.801		2162.446	RS-700	0.09085522013
1188	9/12/2019 8:13:11		-122.361	37.717	2088975.065	6023345.143		2175.555	RS-700	0.17330421384
1189	9/12/2019 8:13:12		-122.361	37.717	2088976.009	6023343.455		2123.450	RS-700	-0.15440132076
1190	9/12/2019 8:13:13		-122.361	37.717	2088977.242	6023341.888		2190.862	RS-700	0.26957371069
1191	9/12/2019 8:13:14		-122.361	37.717	2088978.728	6023340.385		2292.275	RS-700	0.90739018868
1192	9/12/2019 8:13:15		-122.361	37.717	2088980.249	6023339.026		2268.169	RS-700	0.75578044025
1193	9/12/2019 8:13:16		-122.361	37.717	2088981.628	6023337.405		2320.621	RS-700	1.08566465409
1194	9/12/2019 8:13:17		-122.361	37.717	2088982.680	6023335.805		2278.352	RS-700	0.81982628931
1195	9/12/2019 8:13:18		-122.361	37.717	2088983.868	6023334.643		2200.669	RS-700	0.33125339623
1196	9/12/2019 8:13:19		-122.361	37.717	2088985.384	6023333.516		2201.676	RS-700	0.33758710692
1197	9/12/2019 8:13:20		-122.361	37.717	2088987.083	6023332.306		2195.788	RS-700	0.30055572327
1198	9/12/2019 8:13:21		-122.361	37.717	2088988.855	6023331.126		2142.978	RS-700	-0.03158402516
1199	9/12/2019 8:13:22		-122.361	37.717	2088990.414	6023329.623		2146.766	RS-700	-0.00776075472
1200	9/12/2019 8:13:23		-122.361	37.717	2088991.794	6023328.002		2184.696	RS-700	0.23079012579
1201	9/12/2019 8:13:24		-122.361	37.717	2088993.284	6023326.354		2221.007	RS-700	0.45916358491
1202	9/12/2019 8:13:25		-122.361	37.717	2088994.594	6023324.557		2098.543	RS-700	-0.31105062893
1203	9/12/2019 8:13:26		-122.361	37.717	2088995.901	6023322.934		2162.772	RS-700	0.09290742138
1204	9/12/2019 8:13:27		-122.361	37.717	2088996.954	6023321.277		2156.085	RS-700	0.05084880503
1205	9/12/2019 8:13:28		-122.361	37.717	2088997.938	6023319.416		2117.757	RS-700	-0.19020534591
1206	9/12/2019 8:13:29		-122.361	37.717	2088999.135	6023317.820		2233.465	RS-700	0.53751754717
1207	9/12/2019 8:13:30		-122.361	37.717	2089000.552	6023316.141		2177.680	RS-700	0.18666836478
1208	9/12/2019 8:13:31		-122.361	37.717	2089002.005	6023314.492		2107.968	RS-700	-0.25177245283
1209	9/12/2019 8:13:32		-122.361	37.717	2089003.418	6023313.045		2114.967	RS-700	-0.20775194969
1210	9/12/2019 8:13:33		-122.361	37.717	2089004.861	6023311.916		2209.909	RS-700	0.38936264151
1211	9/12/2019 8:13:34		-122.361	37.717	2089006.345	6023310.528		2104.175	RS-700	-0.27562849057
1212	9/12/2019 8:13:35		-122.361	37.717	2089007.548	6023308.643		2135.981	RS-700	-0.07558811321
1213	9/12/2019 8:13:36		-122.361	37.717	2089009.107	6023307.140		2153.664	RS-700	0.03562559748
1214	9/12/2019 8:13:37		-122.361	37.717	2089010.629	6023305.695		2102.857	RS-700	-0.28391553459
1215	9/12/2019 8:13:38		-122.361	37.717	2089012.186	6023304.337		2124.099	RS-700	-0.15032389937
1216	9/12/2019 8:13:39		-122.361	37.717	2089013.639	6023302.717		2151.092	RS-700	0.01944597484
1217	9/12/2019 8:13:40		-122.361	37.717	2089015.128	6023301.069		2094.538	RS-700	-0.33623773585
1218	9/12/2019 8:13:41		-122.361	37.717	2089016.653	6023299.450		2072.167	RS-700	-0.47693578616
1219	9/12/2019 8:13:42		-122.361	37.717	2089017.892	6023297.594		2058.531	RS-700	-0.56269534591

Gamma Scan Survey Results
Survey Unit 4 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
1220	9/12/2019 8:13:43		-122.361	37.717	2089019.272	6023295.973		2138.188	RS-700	-0.06171308176
1221	9/12/2019 8:13:44		-122.361	37.717	2089020.617	6023294.264		2063.952	RS-700	-0.52860201258
1222	9/12/2019 8:13:45		-122.361	37.717	2089021.891	6023292.496		2162.085	RS-700	0.08858471698
1223	9/12/2019 8:13:46		-122.361	37.717	2089022.914	6023290.462		2219.568	RS-700	0.45011006289
1224	9/12/2019 8:13:47		-122.361	37.717	2089023.651	6023288.220		2049.732	RS-700	-0.61803748428
1225	9/12/2019 8:13:48		-122.361	37.717	2089024.241	6023286.004		2083.838	RS-700	-0.40353201258
1226	9/12/2019 8:13:49		-122.361	37.717	2089025.150	6023284.257		2092.437	RS-700	-0.34945006289
1227	9/12/2019 8:13:50		-122.361	37.717	2089026.566	6023282.665		2096.644	RS-700	-0.32299163522
1228	9/12/2019 8:13:51		-122.361	37.717	2089027.877	6023280.840		2066.959	RS-700	-0.50968987421
1229	9/12/2019 8:13:52		-122.361	37.717	2089029.262	6023278.958		2095.329	RS-700	-0.33126465409
1230	9/12/2019 8:13:53		-122.361	37.717	2089030.570	6023277.248		2131.402	RS-700	-0.10439220126
1231	9/12/2019 8:13:54		-122.361	37.717	2089031.658	6023275.650		2102.645	RS-700	-0.28525106918
1232	9/12/2019 8:13:55		-122.361	37.717	2089032.850	6023274.343		2220.125	RS-700	0.45361622642
1233	9/12/2019 8:13:56		-122.361	37.717	2089033.495	6023273.025		2162.870	RS-700	0.09351955975
1234	9/12/2019 8:13:57		-122.361	37.717	2089033.807	6023271.990		2206.234	RS-700	0.36625075472
1235	9/12/2019 8:13:58		-122.362	37.717	2089034.046	6023270.953		2182.888	RS-700	0.21942050315
1236	9/12/2019 8:13:59		-122.362	37.717	2089034.250	6023269.829		2172.537	RS-700	0.15431886793
1237	9/12/2019 8:14:00		-122.362	37.717	2089034.817	6023268.798		2064.847	RS-700	-0.52297616352
1238	9/12/2019 8:14:01		-122.362	37.717	2089035.749	6023267.718		2169.994	RS-700	0.13832396226
1239	9/12/2019 8:14:02		-122.362	37.717	2089036.638	6023266.954		2114.318	RS-700	-0.21183396226
1240	9/12/2019 8:14:03		-122.362	37.717	2089037.676	6023266.049		2180.680	RS-700	0.20553238994
1241	9/12/2019 8:14:04		-122.362	37.717	2089038.495	6023265.140		2174.538	RS-700	0.16690591195
1242	9/12/2019 8:14:05		-122.362	37.717	2089039.356	6023263.999		2191.673	RS-700	0.27467150943
1243	9/12/2019 8:14:06		-122.362	37.717	2089039.998	6023262.826		2280.469	RS-700	0.83313603774
1244	9/12/2019 8:14:07		-122.362	37.717	2089040.824	6023261.599		2233.798	RS-700	0.53961025157
1245	9/12/2019 8:14:08		-122.362	37.717	2089041.654	6023260.169		2233.568	RS-700	0.53816301887
1246	9/12/2019 8:14:09		-122.362	37.717	2089042.594	6023258.654		2267.925	RS-700	0.75424465409
1247	9/12/2019 8:14:10		-122.362	37.717	2089043.388	6023257.194		2340.968	RS-700	1.21363716981
1248	9/12/2019 8:14:11		-122.362	37.717	2089044.322	6023255.998		2210.121	RS-700	0.39069591195
1249	9/12/2019 8:14:12		-122.362	37.717	2089045.367	6023254.746		2233.474	RS-700	0.53757182390
1250	9/12/2019 8:14:13		-122.362	37.717	2089046.418	6023253.146		2202.250	RS-700	0.34119729560
1251	9/12/2019 8:14:14		-122.362	37.717	2089047.288	6023251.544		2182.915	RS-700	0.21958987421
1252	9/12/2019 8:14:15		-122.362	37.717	2089048.266	6023250.001		2268.034	RS-700	0.75492786164
1253	9/12/2019 8:14:16		-122.362	37.717	2089049.352	6023248.460		2222.899	RS-700	0.47106364780
1254	9/12/2019 8:14:17		-122.362	37.717	2089050.588	6023246.778		2234.916	RS-700	0.54664138365
1255	9/12/2019 8:14:18		-122.362	37.717	2089051.965	6023245.301		2244.896	RS-700	0.60940855346
1256	9/12/2019 8:14:19		-122.362	37.717	2089053.372	6023244.143		2106.763	RS-700	-0.25935352201
1257	9/12/2019 8:14:20		-122.362	37.717	2089054.564	6023242.778		2109.759	RS-700	-0.24051163522
1258	9/12/2019 8:14:21		-122.362	37.717	2089055.723	6023241.297		2181.673	RS-700	0.21178138365
1259	9/12/2019 8:14:22		-122.362	37.717	2089056.987	6023239.962		2186.675	RS-700	0.24323930818
1260	9/12/2019 8:14:23		-122.362	37.717	2089058.139	6023238.799		2162.567	RS-700	0.09161616352
1261	9/12/2019 8:14:24		-122.362	37.717	2089058.512	6023238.401		2210.338	RS-700	0.39206327044
1262	9/12/2019 8:14:25		-122.362	37.717	2089057.648	6023239.686		2176.779	RS-700	0.18099981132
1263	9/12/2019 8:14:26		-122.362	37.717	2089056.560	6023241.313		2194.111	RS-700	0.29000742138
1264	9/12/2019 8:14:27		-122.362	37.717	2089055.592	6023242.364		2037.109	RS-700	-0.69742465409
1265	9/12/2019 8:14:28		-122.362	37.717	2089055.628	6023242.365		2232.910	RS-700	0.53402226415
1266	9/12/2019 8:14:29		-122.362	37.717	2089056.227	6023241.567		2215.794	RS-700	0.42637911950
1267	9/12/2019 8:14:30		-122.362	37.717	2089057.381	6023240.317		2249.911	RS-700	0.64094704403
1268	9/12/2019 8:14:31		-122.362	37.717	2089058.716	6023239.128		2186.999	RS-700	0.24527754717
1269	9/12/2019 8:14:32		-122.362	37.717	2089059.871	6023237.792		2188.218	RS-700	0.25294081761
1270	9/12/2019 8:14:33		-122.362	37.717	2089060.915	6023236.569		2113.850	RS-700	-0.21478044025
1271	9/12/2019 8:14:34		-122.362	37.717	2089061.886	6023235.373		2158.555	RS-700	0.06638459120
1272	9/12/2019 8:14:35		-122.362	37.717	2089062.966	6023234.179		2213.014	RS-700	0.40889069182
1273	9/12/2019 8:14:36		-122.362	37.717	2089064.191	6023233.017		2278.151	RS-700	0.81855761006
1274	9/12/2019 8:14:37		-122.362	37.717	2089065.344	6023231.796		2236.379	RS-700	0.55584251572
1275	9/12/2019 8:14:38		-122.362	37.717	2089066.282	6023230.426		2241.477	RS-700	0.58790383648
1276	9/12/2019 8:14:39		-122.362	37.717	2089067.255	6023229.086		2260.687	RS-700	0.70872610063
1277	9/12/2019 8:14:40		-122.362	37.717	2089067.832	6023227.564		2122.605	RS-700	-0.15971855346
1278	9/12/2019 8:14:41		-122.362	37.717	2089068.481	6023226.044		2318.826	RS-700	1.07437974843
1279	9/12/2019 8:14:42		-122.362	37.717	2089069.421	6023224.558		2251.920	RS-700	0.65358433962
1280	9/12/2019 8:14:43		-122.362	37.717	2089070.545	6023222.989		2535.551	RS-700	2.43742968553

Gamma Scan Survey Results
Survey Unit 4 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
1281	9/12/2019 8:14:44		-122.362	37.717	2089071.659	6023221.912		2633.335	RS-700	1.28250788856
1282	9/12/2019 8:14:45		-122.362	37.717	2089072.551	6023221.004		2739.388	RS-700	1.59351416422
1283	9/12/2019 8:14:46		-122.362	37.717	2089073.409	6023219.980		2684.359	RS-700	1.43213879765
1284	9/12/2019 8:14:47		-122.362	37.717	2089074.195	6023218.925		2364.677	RS-700	0.49465325513
1285	9/12/2019 8:14:48		-122.362	37.717	2089075.091	6023217.843		1855.569	RS-700	-0.99833032258
1286	9/12/2019 8:14:49		-122.362	37.717	2089075.729	6023216.872		1547.320	RS-700	-1.90228671554
1287	9/12/2019 8:14:50		-122.362	37.718	2089076.732	6023215.880		1574.484	RS-700	-1.82262868035
1288	9/12/2019 8:14:51		-122.362	37.718	2089077.547	6023215.173		1872.758	RS-700	-0.94792322581
1289	9/12/2019 8:14:52		-122.362	37.718	2089078.736	6023214.010		2406.850	RS-700	0.61832809384
1290	9/12/2019 8:14:53		-122.362	37.718	2089080.255	6023212.710		2477.270	RS-700	0.82483988270
1291	9/12/2019 8:14:54		-122.362	37.718	2089081.445	6023211.489		2428.629	RS-700	0.68219507331
1292	9/12/2019 8:14:55		-122.362	37.718	2089082.576	6023209.516		2272.700	RS-700	0.22492653959
1293	9/12/2019 8:14:56		-122.362	37.718	2089083.526	6023207.567		2176.561	RS-700	-0.05700718475
1294	9/12/2019 8:14:57		-122.362	37.718	2089084.398	6023205.820		2167.452	RS-700	0.12233924528
1295	9/12/2019 8:14:58		-122.362	37.718	2089085.594	6023204.310		2145.293	RS-700	-0.01702402516
1296	9/12/2019 8:14:59		-122.362	37.718	2089087.155	6023202.721		2255.918	RS-700	0.67873025157
1297	9/12/2019 8:15:00		-122.362	37.718	2089088.322	6023200.806		2244.576	RS-700	0.60739779874
1298	9/12/2019 8:15:01		-122.362	37.718	2089089.376	6023199.063		2325.951	RS-700	1.11918729560
1299	9/12/2019 8:15:02		-122.362	37.718	2089090.426	6023197.579		2161.554	RS-700	0.08524465409
1300	9/12/2019 8:15:03		-122.362	37.718	2089091.542	6023196.386		2199.676	RS-700	0.32500433962
1301	9/12/2019 8:15:04		-122.362	37.718	2089092.694	6023195.223		2205.340	RS-700	0.36062647799
1302	9/12/2019 8:15:05		-122.362	37.718	2089093.918	6023194.119		2215.894	RS-700	0.42700327044
1303	9/12/2019 8:15:06		-122.362	37.718	2089095.040	6023192.637		2224.684	RS-700	0.48229157233
1304	9/12/2019 8:15:07		-122.362	37.718	2089096.093	6023190.980		2167.101	RS-700	0.12013301887
1305	9/12/2019 8:15:08		-122.362	37.718	2089097.142	6023189.497		2180.998	RS-700	0.20753572327
1306	9/12/2019 8:15:09		-122.362	37.718	2089098.114	6023188.214		2181.668	RS-700	0.21174823899
1307	9/12/2019 8:15:10		-122.362	37.718	2089099.302	6023187.080		2165.310	RS-700	0.10886610063
1308	9/12/2019 8:15:11		-122.362	37.718	2089100.528	6023185.861		2162.986	RS-700	0.09425465409
1309	9/12/2019 8:15:12		-122.362	37.718	2089101.398	6023184.229		2195.206	RS-700	0.29689056604
1310	9/12/2019 8:15:13		-122.362	37.718	2089101.869	6023182.532		2157.200	RS-700	0.05786377358
1311	9/12/2019 8:15:14		-122.362	37.718	2089102.378	6023180.777		2354.075	RS-700	1.29606830189
1312	9/12/2019 8:15:15		-122.362	37.718	2089103.137	6023179.201		2218.782	RS-700	0.44516855346
1313	9/12/2019 8:15:16		-122.362	37.718	2089104.005	6023177.685		2275.383	RS-700	0.80115345912
1314	9/12/2019 8:15:17		-122.362	37.718	2089104.948	6023176.055		2274.270	RS-700	0.79415050315
1315	9/12/2019 8:15:18		-122.362	37.718	2089105.849	6023174.684		2294.378	RS-700	0.92061710692
1316	9/12/2019 8:15:19		-122.362	37.718	2089106.749	6023173.371		2216.875	RS-700	0.43317503145
1317	9/12/2019 8:15:20		-122.362	37.718	2089107.759	6023172.060		2200.676	RS-700	0.33129289308
1318	9/12/2019 8:15:21		-122.362	37.718	2089108.770	6023170.663		2268.264	RS-700	0.75637899371
1319	9/12/2019 8:15:22		-122.362	37.718	2089109.708	6023169.264		2267.807	RS-700	0.75350509434
1320	9/12/2019 8:15:23		-122.362	37.718	2089110.536	6023167.921		2238.688	RS-700	0.57036459120
1321	9/12/2019 8:15:24		-122.362	37.718	2089111.331	6023166.403		2210.788	RS-700	0.39489308176
1322	9/12/2019 8:15:25		-122.362	37.718	2089112.198	6023164.916		2237.245	RS-700	0.56129201258
1323	9/12/2019 8:15:26		-122.362	37.718	2089113.101	6023163.488		2270.698	RS-700	0.77168396226
1324	9/12/2019 8:15:27		-122.362	37.718	2089114.143	6023162.380		2252.028	RS-700	0.65426238994
1325	9/12/2019 8:15:28		-122.362	37.718	2089115.219	6023161.389		2219.016	RS-700	0.44664301887
1326	9/12/2019 8:15:29		-122.362	37.718	2089116.366	6023160.457		2351.966	RS-700	1.28280377358
1327	9/12/2019 8:15:30		-122.362	37.718	2089117.411	6023159.176		2189.110	RS-700	0.25855069182
1328	9/12/2019 8:15:31		-122.362	37.718	2089118.237	6023157.948		2302.716	RS-700	0.97305610063
1329	9/12/2019 8:15:32		-122.362	37.718	2089119.211	6023156.579		2240.687	RS-700	0.58293591195
1330	9/12/2019 8:15:33		-122.362	37.718	2089120.149	6023155.180		2216.680	RS-700	0.43195075472
1331	9/12/2019 8:15:34		-122.362	37.718	2089121.085	6023153.926		2137.296	RS-700	-0.06732389937
1332	9/12/2019 8:15:35		-122.362	37.718	2089122.017	6023152.816		2302.170	RS-700	0.96962371069
1333	9/12/2019 8:15:36		-122.362	37.718	2089123.128	6023151.913		2245.138	RS-700	0.61093389937
1334	9/12/2019 8:15:37		-122.362	37.718	2089124.129	6023151.007		2196.887	RS-700	0.30746289308
1335	9/12/2019 8:15:38		-122.362	37.718	2089125.207	6023149.900		2437.758	RS-700	1.82237867925
1336	9/12/2019 8:15:39		-122.362	37.718	2089126.211	6023148.907		2298.707	RS-700	0.94784396226
1337	9/12/2019 8:15:40		-122.362	37.718	2089127.107	6023147.797		2356.058	RS-700	1.30854044025
1338	9/12/2019 8:15:41		-122.362	37.718	2089127.928	6023146.801		2367.727	RS-700	1.38192836478
1339	9/12/2019 8:15:42		-122.362	37.718	2089128.529	6023145.887		2320.711	RS-700	1.08623452830
1340	9/12/2019 8:15:43		-122.362	37.718	2089129.126	6023145.146		2335.298	RS-700	1.17797597484
1341	9/12/2019 8:15:44		-122.362	37.718	2089129.721	6023144.522		2349.193	RS-700	1.26536767296

Gamma Scan Survey Results
Survey Unit 4 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
1342	9/12/2019 8:15:45		-122.362	37.718	2089130.314	6023144.013		2272.580	RS-700	0.78352056604
1343	9/12/2019 8:15:46		-122.362	37.718	2089130.759	6023143.617		2295.492	RS-700	0.92762534591
1344	9/12/2019 8:15:47		-122.362	37.718	2089131.350	6023143.195		2339.960	RS-700	1.20729603774
1345	9/12/2019 8:15:48		-122.362	37.718	2089131.904	6023142.801		2303.287	RS-700	0.97664591195
1346	9/12/2019 8:15:49		-122.362	37.718	2089132.385	6023142.434		2269.708	RS-700	0.76545899371
1347	9/12/2019 8:15:50		-122.362	37.718	2089132.828	6023142.125		2280.286	RS-700	0.83198779874
1348	9/12/2019 8:15:51		-122.362	37.718	2089133.454	6023141.790		2328.081	RS-700	1.13258396226
1349	9/12/2019 8:15:52		-122.362	37.718	2089134.301	6023141.315		2313.175	RS-700	1.03883874214
1350	9/12/2019 8:15:53		-122.362	37.718	2089135.189	6023140.609		2337.719	RS-700	1.19320320755
1351	9/12/2019 8:15:54		-122.362	37.718	2089136.118	6023139.673		2272.375	RS-700	0.78223251572
1352	9/12/2019 8:15:55		-122.362	37.718	2089136.940	6023138.648		2279.929	RS-700	0.82974264151
1353	9/12/2019 8:15:56		-122.362	37.718	2089137.726	6023137.593		2331.247	RS-700	1.15249465409
1354	9/12/2019 8:15:57		-122.362	37.718	2089138.619	6023136.627		2323.531	RS-700	1.10396773585
1355	9/12/2019 8:15:58		-122.362	37.718	2089139.327	6023135.831		2314.707	RS-700	1.04847069182
1356	9/12/2019 8:15:59		-122.362	37.718	2089139.887	6023135.119		2228.341	RS-700	0.50528962264
1357	9/12/2019 8:16:00		-122.362	37.718	2089140.447	6023134.436		2296.283	RS-700	0.93259937107
1358	9/12/2019 8:16:01		-122.362	37.718	2089141.045	6023133.667		2313.712	RS-700	1.04221402516
1359	9/12/2019 8:16:02		-122.362	37.718	2089141.646	6023132.753		2329.482	RS-700	1.14139553459
1360	9/12/2019 8:16:03		-122.362	37.718	2089142.505	6023131.671		2249.247	RS-700	0.63677207547
1361	9/12/2019 8:16:04		-122.362	37.718	2089143.359	6023130.849		2167.666	RS-700	0.12368597484
1362	9/12/2019 8:16:05		-122.362	37.718	2089144.353	6023130.290		2159.286	RS-700	0.07098308176
1363	9/12/2019 8:16:06		-122.362	37.718	2089145.539	6023129.301		2172.316	RS-700	0.15292779874
1364	9/12/2019 8:16:07		-122.362	37.718	2089146.508	6023128.163		2176.319	RS-700	0.17810389937
1365	9/12/2019 8:16:08		-122.362	37.718	2089147.444	6023126.909		2253.800	RS-700	0.66540660377
1366	9/12/2019 8:16:09		-122.362	37.718	2089148.234	6023125.623		2248.595	RS-700	0.63267345912
1367	9/12/2019 8:16:10		-122.362	37.718	2089148.876	6023124.449		2224.906	RS-700	0.48368603774
1368	9/12/2019 8:16:11		-122.362	37.718	2089149.626	6023123.365		2259.922	RS-700	0.70391295598
1369	9/12/2019 8:16:12		-122.362	37.718	2089150.486	6023122.283		2163.208	RS-700	0.09564773585
1370	9/12/2019 8:16:13		-122.362	37.718	2089151.706	6023121.323		2175.666	RS-700	0.17399993711
1371	9/12/2019 8:16:14		-122.362	37.718	2089152.966	6023120.249		2277.168	RS-700	0.81237704403
1372	9/12/2019 8:16:15		-122.362	37.718	2089154.268	6023118.857		2193.353	RS-700	0.28523962264
1373	9/12/2019 8:16:16		-122.362	37.718	2089155.210	6023117.285		2309.292	RS-700	1.01441559748
1374	9/12/2019 8:16:17		-122.362	37.718	2089155.970	6023115.709		2356.080	RS-700	1.30867666667
1375	9/12/2019 8:16:18		-122.362	37.718	2089156.542	6023114.419		2353.559	RS-700	1.29282163522
1376	9/12/2019 8:16:19		-122.362	37.718	2089157.039	6023113.242		2323.161	RS-700	1.10164238994
1377	9/12/2019 8:16:20		-122.362	37.718	2089157.415	6023112.613		2381.331	RS-700	1.46749308176
1378	9/12/2019 8:16:21		-122.362	37.718	2089157.760	6023111.781		2437.600	RS-700	1.82138056604
1379	9/12/2019 8:16:22		-122.362	37.718	2089158.145	6023110.747		2310.828	RS-700	1.02407805031
1380	9/12/2019 8:16:23		-122.362	37.718	2089158.072	6023110.717		2365.848	RS-700	1.37011408805
1381	9/12/2019 8:16:24		-122.362	37.718	2089158.109	6023110.689		2329.531	RS-700	1.14170327044
1382	9/12/2019 8:16:25		-122.362	37.718	2089158.298	6023110.345		2288.047	RS-700	0.88079716981
1383	9/12/2019 8:16:26		-122.362	37.718	2089158.376	6023110.087		2339.066	RS-700	1.20167578616
1384	9/12/2019 8:16:27		-122.362	37.718	2089158.762	6023109.024		2293.824	RS-700	0.91712930818
1385	9/12/2019 8:16:28		-122.362	37.718	2089159.291	6023108.022		2384.332	RS-700	1.48636584906
1386	9/12/2019 8:16:29		-122.362	37.718	2089160.005	6023106.908		2326.716	RS-700	1.12399805031
1387	9/12/2019 8:16:30		-122.362	37.718	2089160.724	6023105.591		2436.105	RS-700	1.81198100629
1388	9/12/2019 8:16:31		-122.362	37.718	2089161.299	6023104.127		2366.732	RS-700	1.37567012579
1389	9/12/2019 8:16:32		-122.362	37.718	2089161.981	6023102.810		2356.365	RS-700	1.31047295597
1390	9/12/2019 8:16:33		-122.362	37.718	2089162.542	6023102.069		2534.290	RS-700	2.42949660377
1391	9/12/2019 8:16:34		-122.362	37.718	2089162.766	6023101.784		2435.627	RS-700	1.80897685535
1392	9/12/2019 8:16:35		-122.362	37.718	2089162.841	6023101.699		2205.336	RS-700	0.36060176101
1393	9/12/2019 8:16:36		-122.362	37.718	2089163.066	6023101.356		2445.992	RS-700	1.87416295597
1394	9/12/2019 8:16:37		-122.362	37.718	2089163.811	6023100.503		2291.627	RS-700	0.90331150943
1395	9/12/2019 8:16:38		-122.362	37.718	2089164.486	6023099.533		2299.938	RS-700	0.95558528302
1396	9/12/2019 8:16:39		-122.362	37.718	2089165.049	6023098.705		2321.056	RS-700	1.08840496855
1397	9/12/2019 8:16:40		-122.362	37.718	2089165.427	6023097.989		2351.605	RS-700	1.28053496855
1398	9/12/2019 8:16:41		-122.362	37.718	2089165.465	6023097.903		2335.616	RS-700	1.17997238994
1399	9/12/2019 8:16:42		-122.362	37.718	2089165.350	6023098.190		2339.856	RS-700	1.20664075472
1400	9/12/2019 8:16:43		-122.362	37.718	2089165.581	6023097.587		2329.056	RS-700	1.13871641509
1401	9/12/2019 8:16:44		-122.362	37.718	2089166.074	6023096.614		2287.920	RS-700	0.87999849057
1402	9/12/2019 8:16:45		-122.362	37.718	2089166.778	6023095.991		2311.291	RS-700	1.02698685535

Gamma Scan Survey Results
Survey Unit 4 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
1403	9/12/2019 8:16:46		-122.362	37.718	2089167.552	6023095.544		2208.565	RS-700	0.38091377359
1404	9/12/2019 8:16:47		-122.362	37.718	2089168.695	6023094.843		2341.762	RS-700	1.21862779874
1405	9/12/2019 8:16:48		-122.362	37.718	2089170.058	6023094.031		2256.916	RS-700	0.68500773585
1406	9/12/2019 8:16:49		-122.362	37.718	2089171.207	6023093.071		2288.843	RS-700	0.88580660377
1407	9/12/2019 8:16:50		-122.362	37.718	2089172.359	6023091.907		2276.708	RS-700	0.80948503145
1408	9/12/2019 8:16:51		-122.362	37.718	2089173.337	6023090.307		2221.793	RS-700	0.46410842767
1409	9/12/2019 8:16:52		-122.362	37.718	2089174.392	6023088.534		2343.711	RS-700	1.23088855346
1410	9/12/2019 8:16:53		-122.362	37.718	2089175.335	6023086.904		2361.308	RS-700	1.34155930818
1411	9/12/2019 8:16:54		-122.362	37.718	2089176.274	6023085.476		2348.079	RS-700	1.25835849057
1412	9/12/2019 8:16:55		-122.362	37.718	2089177.390	6023084.312		2293.398	RS-700	0.91445006289
1413	9/12/2019 8:16:56		-122.362	37.718	2089178.572	6023083.497		2399.101	RS-700	1.57925119497
1414	9/12/2019 8:16:57		-122.362	37.718	2089179.577	6023082.388		2416.223	RS-700	1.68693861635
1415	9/12/2019 8:16:58		-122.362	37.718	2089180.403	6023081.161		2423.230	RS-700	1.73100761006
1416	9/12/2019 8:16:59		-122.362	37.718	2089181.052	6023079.640		2351.604	RS-700	1.28053119497
1417	9/12/2019 8:17:00		-122.362	37.718	2089181.665	6023078.119		2415.900	RS-700	1.68490654088
1418	9/12/2019 8:17:01		-122.362	37.718	2089182.595	6023077.125		2397.476	RS-700	1.56902886792
1419	9/12/2019 8:17:02		-122.362	37.718	2089183.562	6023076.103		2380.322	RS-700	1.46114194969
1420	9/12/2019 8:17:03		-122.362	37.718	2089184.347	6023075.106		2367.848	RS-700	1.38269238994
1421	9/12/2019 8:17:04		-122.362	37.718	2089185.021	6023074.165		2486.139	RS-700	2.12665817610
1422	9/12/2019 8:17:05		-122.362	37.718	2089185.992	6023072.969		2366.667	RS-700	1.37526572327
1423	9/12/2019 8:17:06		-122.362	37.718	2089187.253	6023071.808		2359.193	RS-700	1.32826062893
1424	9/12/2019 8:17:07		-122.362	37.718	2089188.408	6023070.529		2333.601	RS-700	1.16730314465
1425	9/12/2019 8:17:08		-122.362	37.718	2089189.310	6023069.101		2293.734	RS-700	0.91656308176
1426	9/12/2019 8:17:09		-122.362	37.718	2089190.217	6023067.441		2374.851	RS-700	1.42673622642
1427	9/12/2019 8:17:10		-122.362	37.718	2089191.160	6023065.810		2461.613	RS-700	1.97241069182
1428	9/12/2019 8:17:11		-122.362	37.718	2089192.099	6023064.412		2364.961	RS-700	1.36453144654
1429	9/12/2019 8:17:12		-122.362	37.718	2089193.073	6023063.042		2395.096	RS-700	1.55406125786
1430	9/12/2019 8:17:13		-122.362	37.718	2089194.195	6023061.560		2480.275	RS-700	2.08977685535
1431	9/12/2019 8:17:14		-122.362	37.718	2089195.316	6023060.107		2329.519	RS-700	1.14162647799
1432	9/12/2019 8:17:15		-122.362	37.718	2089196.327	6023058.739		2357.784	RS-700	1.31939345912
1433	9/12/2019 8:17:16		-122.362	37.718	2089197.225	6023057.541		2477.388	RS-700	2.07162245283
1434	9/12/2019 8:17:17		-122.362	37.718	2089198.311	6023056.030		2432.992	RS-700	1.79240477987
1435	9/12/2019 8:17:18		-122.362	37.718	2089199.215	6023054.514		2392.859	RS-700	1.53999069182
1436	9/12/2019 8:17:19		-122.362	37.718	2089200.010	6023053.026		2384.852	RS-700	1.48963251572
1437	9/12/2019 8:17:20		-122.362	37.718	2089200.839	6023051.625		2261.082	RS-700	0.71120949686
1438	9/12/2019 8:17:21		-122.362	37.718	2089201.623	6023050.628		2256.581	RS-700	0.68289654088
1439	9/12/2019 8:17:22		-122.362	37.718	2089202.662	6023049.665		2168.781	RS-700	0.13069974843
1440	9/12/2019 8:17:23		-122.362	37.718	2089203.811	6023048.675		2224.576	RS-700	0.48160798742
1441	9/12/2019 8:17:24		-122.362	37.718	2089204.813	6023047.712		2261.261	RS-700	0.71233578616
1442	9/12/2019 8:17:25		-122.362	37.718	2089205.962	6023046.751		2252.803	RS-700	0.65913742138
1443	9/12/2019 8:17:26		-122.362	37.718	2089206.999	6023045.875		2236.801	RS-700	0.55849553459
1444	9/12/2019 8:17:27		-122.362	37.718	2089207.893	6023044.880		2284.070	RS-700	0.85578811321
1445	9/12/2019 8:17:28		-122.362	37.718	2089208.678	6023043.854		2196.564	RS-700	0.30543415094
1446	9/12/2019 8:17:29		-122.362	37.718	2089209.210	6023042.707		2206.003	RS-700	0.36479691824
1447	9/12/2019 8:17:30		-122.362	37.718	2089209.529	6023041.354		2225.019	RS-700	0.48439641509
1448	9/12/2019 8:17:31		-122.362	37.718	2089209.628	6023040.025		2318.063	RS-700	1.06957547170
1449	9/12/2019 8:17:32		-122.362	37.718	2089209.770	6023038.408		2264.034	RS-700	0.72977226415
1450	9/12/2019 8:17:33		-122.362	37.718	2089210.272	6023036.971		2304.052	RS-700	0.98145635220
1451	9/12/2019 8:17:34		-122.362	37.718	2089211.030	6023035.482		2313.594	RS-700	1.04146943396
1452	9/12/2019 8:17:35		-122.362	37.718	2089212.080	6023033.941		2230.250	RS-700	0.51729270440
1453	9/12/2019 8:17:36		-122.362	37.718	2089213.271	6023032.663		2181.664	RS-700	0.21172069182
1454	9/12/2019 8:17:37		-122.362	37.718	2089214.357	6023031.151		2198.015	RS-700	0.31455811321
1455	9/12/2019 8:17:38		-122.362	37.718	2089214.937	6023029.456		2104.434	RS-700	-0.27400138365
1456	9/12/2019 8:17:39		-122.362	37.718	2089215.732	6023027.967		2215.906	RS-700	0.42708270440
1457	9/12/2019 8:17:40		-122.362	37.718	2089216.771	6023026.975		2167.310	RS-700	0.12144528302
1458	9/12/2019 8:17:41		-122.362	37.718	2089217.849	6023025.868		2234.018	RS-700	0.54099666667
1459	9/12/2019 8:17:42		-122.362	37.718	2089218.853	6023024.818		2236.463	RS-700	0.55636805031
1460	9/12/2019 8:17:43		-122.362	37.718	2089219.967	6023023.770		2151.870	RS-700	0.02433949686
1461	9/12/2019 8:17:44		-122.362	37.718	2089221.081	6023022.664		2213.348	RS-700	0.41099062893
1462	9/12/2019 8:17:45		-122.362	37.718	2089222.021	6023021.207		2250.701	RS-700	0.64591993711
1463	9/12/2019 8:17:46		-122.362	37.718	2089223.069	6023019.781		2189.563	RS-700	0.26140327044

Gamma Scan Survey Results
Survey Unit 4 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
1464	9/12/2019 8:17:47		-122.362	37.718	2089224.188	6023018.473		2186.334	RS-700	0.24109396226
1465	9/12/2019 8:17:48		-122.362	37.718	2089225.232	6023017.250		2187.328	RS-700	0.24734540881
1466	9/12/2019 8:17:49		-122.362	37.718	2089226.202	6023016.054		2245.908	RS-700	0.61577295598
1467	9/12/2019 8:17:50		-122.362	37.718	2089227.025	6023015.000		2200.342	RS-700	0.32919610063
1468	9/12/2019 8:17:51		-122.362	37.718	2089227.961	6023013.717		2239.026	RS-700	0.57248849057
1469	9/12/2019 8:17:52		-122.362	37.718	2089228.791	6023012.258		2134.089	RS-700	-0.08749232704
1470	9/12/2019 8:17:53		-122.362	37.718	2089229.766	6023010.859		2282.158	RS-700	0.84375899371
1471	9/12/2019 8:17:54		-122.362	37.718	2089230.735	6023009.750		2213.793	RS-700	0.41379213837
1472	9/12/2019 8:17:55		-122.362	37.718	2089231.776	6023008.643		2183.119	RS-700	0.22087597484
1473	9/12/2019 8:17:56		-122.362	37.718	2089232.746	6023007.476		2268.386	RS-700	0.75714509434
1474	9/12/2019 8:17:57		-122.362	37.718	2089233.611	6023006.105		2253.145	RS-700	0.66129232704
1475	9/12/2019 8:17:58		-122.362	37.718	2089234.659	6023004.708		2288.271	RS-700	0.88220522013
1476	9/12/2019 8:17:59		-122.362	37.718	2089235.520	6023003.539		2265.942	RS-700	0.74177484277
1477	9/12/2019 8:18:00		-122.362	37.718	2089236.559	6023002.547		2259.018	RS-700	0.69822823899
1478	9/12/2019 8:18:01		-122.362	37.718	2089237.703	6023001.818		2218.348	RS-700	0.44244069182
1479	9/12/2019 8:18:02		-122.362	37.718	2089239.064	6023001.150		2189.891	RS-700	0.26346276730
1480	9/12/2019 8:18:03		-122.362	37.718	2089240.319	6023000.279		2280.930	RS-700	0.83603515723
1481	9/12/2019 8:18:04		-122.362	37.718	2089241.543	6022999.146		2201.897	RS-700	0.33897641509
1482	9/12/2019 8:18:05		-122.362	37.718	2089242.694	6022998.040		2273.815	RS-700	0.79128654088
1483	9/12/2019 8:18:06		-122.362	37.718	2089243.670	6022996.613		2257.029	RS-700	0.68571742138
1484	9/12/2019 8:18:07		-122.362	37.718	2089244.572	6022995.214		2194.013	RS-700	0.28938930818
1485	9/12/2019 8:18:08		-122.362	37.718	2089245.472	6022993.872		2179.889	RS-700	0.20055748428
1486	9/12/2019 8:18:09		-122.362	37.718	2089246.230	6022992.412		2259.045	RS-700	0.69839836478
1487	9/12/2019 8:18:10		-122.362	37.718	2089247.024	6022990.923		2264.928	RS-700	0.73539723270
1488	9/12/2019 8:18:11		-122.362	37.718	2089248.217	6022989.558		2262.578	RS-700	0.72061320755
1489	9/12/2019 8:18:12		-122.362	37.718	2089249.375	6022988.106		2258.474	RS-700	0.69480754717
1490	9/12/2019 8:18:13		-122.363	37.718	2089250.353	6022986.534		2342.657	RS-700	1.22425654088
1491	9/12/2019 8:18:14		-122.363	37.718	2089251.258	6022984.990		2334.483	RS-700	1.17284742138
1492	9/12/2019 8:18:15		-122.363	37.718	2089251.981	6022983.442		2287.470	RS-700	0.87717012579
1493	9/12/2019 8:18:16		-122.363	37.718	2089252.630	6022981.922		2381.976	RS-700	1.47154421384
1494	9/12/2019 8:18:17		-122.363	37.718	2089253.276	6022980.575		2204.013	RS-700	0.35228176101
1495	9/12/2019 8:18:18		-122.363	37.718	2089254.067	6022979.231		2267.934	RS-700	0.75430270440
1496	9/12/2019 8:18:19		-122.363	37.718	2089254.857	6022977.974		2355.835	RS-700	1.30714113208
1497	9/12/2019 8:18:20		-122.363	37.718	2089255.608	6022976.831		2358.843	RS-700	1.32605415094
1498	9/12/2019 8:18:21		-122.363	37.718	2089256.357	6022975.805		2306.058	RS-700	0.99407402516
1499	9/12/2019 8:18:22		-122.363	37.718	2089257.105	6022974.836		2308.712	RS-700	1.01076666667
1500	9/12/2019 8:18:23		-122.363	37.718	2089258.036	6022973.784		2282.158	RS-700	0.84376232704
1501	9/12/2019 8:18:24		-122.363	37.718	2089258.966	6022972.790		2243.137	RS-700	0.59834301887
1502	9/12/2019 8:18:25		-122.363	37.718	2089260.009	6022971.625		2300.710	RS-700	0.96044182390
1503	9/12/2019 8:18:26		-122.363	37.718	2089260.945	6022970.370		2372.090	RS-700	1.40937150943
1504	9/12/2019 8:18:27		-122.363	37.718	2089261.736	6022969.055		2342.303	RS-700	1.22203050314
1505	9/12/2019 8:18:28		-122.363	37.718	2089262.563	6022967.770		2295.944	RS-700	0.93046522013
1506	9/12/2019 8:18:29		-122.363	37.718	2089263.348	6022966.744		2269.040	RS-700	0.76126056604
1507	9/12/2019 8:18:30		-122.363	37.718	2089264.171	6022965.661		2369.818	RS-700	1.39508232704
1508	9/12/2019 8:18:31		-122.363	37.718	2089265.033	6022964.434		2320.062	RS-700	1.08215006289
1509	9/12/2019 8:18:32		-122.363	37.718	2089265.783	6022963.350		2298.915	RS-700	0.94914867925
1510	9/12/2019 8:18:33		-122.363	37.718	2089266.495	6022962.323		2362.973	RS-700	1.35203188679
1511	9/12/2019 8:18:34		-122.363	37.718	2089267.244	6022961.267		2326.065	RS-700	1.11990484277
1512	9/12/2019 8:18:35		-122.363	37.718	2089268.066	6022960.242		2272.926	RS-700	0.78569603774
1513	9/12/2019 8:18:36		-122.363	37.718	2089268.920	6022959.420		2301.937	RS-700	0.96815566038
1514	9/12/2019 8:18:37		-122.363	37.718	2089270.102	6022958.576		2368.847	RS-700	1.38897779874
1515	9/12/2019 8:18:38		-122.363	37.718	2089271.105	6022957.612		2296.055	RS-700	0.93116188679
1516	9/12/2019 8:18:39		-122.363	37.718	2089272.074	6022956.503		2342.954	RS-700	1.22612534591
1517	9/12/2019 8:18:40		-122.363	37.718	2089273.013	6022955.075		2412.621	RS-700	1.66428320755
1518	9/12/2019 8:18:41		-122.363	37.718	2089273.990	6022953.532		2292.940	RS-700	0.91156987421
1519	9/12/2019 8:18:42		-122.363	37.718	2089274.896	6022951.959		2247.472	RS-700	0.62560886793
1520	9/12/2019 8:18:43		-122.363	37.718	2089275.798	6022950.560		2380.856	RS-700	1.46450396226
1521	9/12/2019 8:18:44		-122.363	37.718	2089276.767	6022949.422		2329.526	RS-700	1.14167044025
1522	9/12/2019 8:18:45		-122.363	37.718	2089277.629	6022948.195		2294.833	RS-700	0.92347622642
1523	9/12/2019 8:18:46		-122.363	37.718	2089278.491	6022946.968		2313.289	RS-700	1.03955603774
1524	9/12/2019 8:18:47		-122.363	37.718	2089279.389	6022945.771		2282.160	RS-700	0.84377251572

Gamma Scan Survey Results
Survey Unit 4 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
1525	9/12/2019 8:18:48		-122.363	37.718	2089280.102	6022944.715		2395.074	RS-700	1.55392264151
1526	9/12/2019 8:18:49		-122.363	37.718	2089280.594	6022943.799		2327.367	RS-700	1.12809647799
1527	9/12/2019 8:18:50		-122.363	37.718	2089281.300	6022943.061		2314.595	RS-700	1.04776786164
1528	9/12/2019 8:18:51		-122.363	37.718	2089282.221	6022942.558		2345.842	RS-700	1.24429157233
1529	9/12/2019 8:18:52		-122.363	37.718	2089283.355	6022942.291		2322.418	RS-700	1.09696742138
1530	9/12/2019 8:18:53		-122.363	37.718	2089284.227	6022942.425		2253.813	RS-700	0.66548855346
1531	9/12/2019 8:18:54		-122.363	37.718	2089284.770	6022942.551		2298.052	RS-700	0.94372220126
1532	9/12/2019 8:18:55		-122.363	37.718	2089284.988	6022942.584		2335.839	RS-700	1.18137584906
1533	9/12/2019 8:18:56		-122.363	37.718	2089286.149	6022942.839		2333.823	RS-700	1.16869905660
1534	9/12/2019 8:18:57		-122.363	37.718	2089285.605	6022942.712		2298.711	RS-700	0.94786867925
1535	9/12/2019 8:18:58		-122.363	37.718	2089284.775	6022942.320		2293.165	RS-700	0.91298761006
1536	9/12/2019 8:18:59		-122.363	37.718	2089284.056	6022941.871		2186.102	RS-700	0.23963459120
1537	9/12/2019 8:19:00		-122.363	37.718	2089283.627	6022941.429		2311.073	RS-700	1.02561333333
1538	9/12/2019 8:19:01		-122.363	37.718	2089284.347	6022941.848		2298.067	RS-700	0.94381666667
1539	9/12/2019 8:19:02		-122.363	37.718	2089285.465	6022942.391		2245.923	RS-700	0.61586622642
1540	9/12/2019 8:19:03		-122.363	37.718	2089286.038	6022942.895		2229.251	RS-700	0.51101188679
1541	9/12/2019 8:19:04		-122.363	37.718	2089285.720	6022942.425		2205.668	RS-700	0.36269264151
1542	9/12/2019 8:19:05		-122.363	37.718	2089285.237	6022941.085		1950.988	RS-700	-1.23907000000
1543	9/12/2019 8:19:06		-122.363	37.718	2089285.151	6022939.897		1847.755	RS-700	-1.88833597484
1544	9/12/2019 8:19:07		-122.363	37.718	2089285.251	6022938.539		1898.589	RS-700	-1.56862012579
1545	9/12/2019 8:19:08		-122.363	37.718	2089285.673	6022937.448		2014.820	RS-700	-0.83761320755
1546	9/12/2019 8:19:09		-122.363	37.718	2089286.164	6022936.561		2045.623	RS-700	-0.64387893082
1547	9/12/2019 8:19:10		-122.363	37.718	2089285.936	6022937.049		1969.501	RS-700	-1.12263540881
1548	9/12/2019 8:19:11		-122.363	37.718	2089285.327	6022938.367		1866.390	RS-700	-1.77112905660
1549	9/12/2019 8:19:12		-122.363	37.718	2089284.676	6022939.974		2031.517	RS-700	-0.73259987421
1550	9/12/2019 8:19:13		-122.363	37.718	2089284.296	6022940.777		2238.550	RS-700	0.56949874214
1551	9/12/2019 8:19:14		-122.363	37.718	2089284.057	6022941.814		2327.477	RS-700	1.12878547170
1552	9/12/2019 8:19:15		-122.363	37.718	2089284.113	6022942.625		2429.499	RS-700	1.77043383648
1553	9/12/2019 8:19:16		-122.363	37.718	2089283.956	6022943.200		2287.162	RS-700	0.87523018868
1554	9/12/2019 8:19:17		-122.363	37.718	2089283.725	6022943.861		2329.086	RS-700	1.13890528302
1555	9/12/2019 8:19:18		-122.363	37.718	2089283.196	6022944.805		2345.188	RS-700	1.24017578616
1556	9/12/2019 8:19:19		-122.363	37.718	2089282.707	6022945.606		2314.047	RS-700	1.04431993711
1557	9/12/2019 8:19:20		-122.363	37.718	2089282.481	6022945.948		2263.373	RS-700	0.72561333333
1558	9/12/2019 8:19:21		-122.363	37.718	2089282.140	6022946.636		2306.594	RS-700	0.99744490566
1559	9/12/2019 8:19:22		-122.363	37.718	2089281.684	6022947.552		2261.147	RS-700	0.71161842767
1560	9/12/2019 8:19:23		-122.363	37.718	2089281.120	6022948.467		2319.288	RS-700	1.07728062893
1561	9/12/2019 8:19:24		-122.363	37.718	2089280.445	6022949.466		2328.844	RS-700	1.13738371069
1562	9/12/2019 8:19:25		-122.363	37.718	2089279.882	6022950.294		2284.698	RS-700	0.85973691824
1563	9/12/2019 8:19:26		-122.363	37.718	2089279.279	6022951.294		2183.567	RS-700	0.22369037736
1564	9/12/2019 8:19:27		-122.363	37.718	2089278.672	6022952.497		2252.810	RS-700	0.65918427673
1565	9/12/2019 8:19:28		-122.363	37.718	2089278.288	6022953.531		2243.700	RS-700	0.60188893082
1566	9/12/2019 8:19:29		-122.363	37.718	2089277.868	6022954.478		2234.245	RS-700	0.54241924528
1567	9/12/2019 8:19:30		-122.363	37.718	2089277.451	6022955.337		2291.691	RS-700	0.90371867925
1568	9/12/2019 8:19:31		-122.363	37.718	2089276.849	6022956.309		2230.680	RS-700	0.52000138365
1569	9/12/2019 8:19:32		-122.363	37.718	2089276.249	6022957.136		2352.944	RS-700	1.28895389937
1570	9/12/2019 8:19:33		-122.363	37.718	2089275.613	6022958.020		2261.696	RS-700	0.71506993711
1571	9/12/2019 8:19:34		-122.363	37.718	2089275.013	6022958.847		2364.599	RS-700	1.36225729560
1572	9/12/2019 8:19:35		-122.363	37.718	2089274.339	6022959.788		2313.846	RS-700	1.04305647799
1573	9/12/2019 8:19:36		-122.363	37.718	2089273.776	6022960.616		2322.246	RS-700	1.09588937107
1574	9/12/2019 8:19:37		-122.363	37.718	2089273.325	6022961.330		2375.205	RS-700	1.42896213836
1575	9/12/2019 8:19:38		-122.363	37.718	2089272.947	6022962.017		2219.662	RS-700	0.45070698113
1576	9/12/2019 8:19:39		-122.363	37.718	2089272.498	6022962.645		2256.814	RS-700	0.68436301887
1577	9/12/2019 8:19:40		-122.363	37.718	2089271.898	6022963.501		2313.943	RS-700	1.04366547170
1578	9/12/2019 8:19:41		-122.363	37.718	2089270.894	6022964.551		2301.938	RS-700	0.96816257862
1579	9/12/2019 8:19:42		-122.363	37.718	2089269.964	6022965.516		2287.361	RS-700	0.87648358491
1580	9/12/2019 8:19:43		-122.363	37.718	2089269.102	6022966.772		2301.258	RS-700	0.96388698113
1581	9/12/2019 8:19:44		-122.363	37.718	2089268.422	6022967.973		2330.180	RS-700	1.14578836478
1582	9/12/2019 8:19:45		-122.363	37.718	2089267.888	6022969.178		2304.710	RS-700	0.98559761006
1583	9/12/2019 8:19:46		-122.363	37.718	2089267.134	6022970.494		2327.939	RS-700	1.13169232704
1584	9/12/2019 8:19:47		-122.363	37.718	2089266.307	6022971.779		2351.194	RS-700	1.27795012579
1585	9/12/2019 8:19:48		-122.363	37.718	2089265.519	6022972.921		2404.098	RS-700	1.61067773585

Gamma Scan Survey Results
Survey Unit 4 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
1586	9/12/2019 8:19:49		-122.363	37.718	2089264.733	6022974.004		2272.918	RS-700	0.78565044025
1587	9/12/2019 8:19:50		-122.363	37.718	2089263.985	6022975.002		2306.183	RS-700	0.99485930818
1588	9/12/2019 8:19:51		-122.363	37.718	2089263.238	6022975.913		2355.069	RS-700	1.30231874214
1589	9/12/2019 8:19:52		-122.363	37.718	2089262.413	6022977.111		2300.707	RS-700	0.96042006289
1590	9/12/2019 8:19:53		-122.363	37.718	2089261.475	6022978.510		2325.825	RS-700	1.11839874214
1591	9/12/2019 8:19:54		-122.363	37.718	2089260.573	6022979.881		2353.723	RS-700	1.29385685535
1592	9/12/2019 8:19:55		-122.363	37.718	2089259.710	6022981.166		2300.944	RS-700	0.96191201258
1593	9/12/2019 8:19:56		-122.363	37.718	2089258.848	6022982.393		2292.393	RS-700	0.90813157233
1594	9/12/2019 8:19:57		-122.363	37.718	2089257.987	6022983.562		2337.485	RS-700	1.19172710692
1595	9/12/2019 8:19:58		-122.363	37.718	2089257.089	6022984.759		2367.320	RS-700	1.37936823899
1596	9/12/2019 8:19:59		-122.363	37.718	2089256.227	6022985.986		2312.428	RS-700	1.03414081761
1597	9/12/2019 8:20:00		-122.362	37.718	2089255.442	6022987.011		2310.055	RS-700	1.01921075472
1598	9/12/2019 8:20:01		-122.362	37.718	2089254.657	6022988.008		2260.239	RS-700	0.70590566038
1599	9/12/2019 8:20:02		-122.362	37.718	2089254.022	6022988.835		2311.399	RS-700	1.02766962264
1600	9/12/2019 8:20:03		-122.362	37.718	2089253.423	6022989.662		2148.081	RS-700	0.00050742138
1601	9/12/2019 8:20:04		-122.362	37.718	2089252.859	6022990.547		2217.791	RS-700	0.43893503145
1602	9/12/2019 8:20:05		-122.362	37.718	2089252.148	6022991.517		2193.002	RS-700	0.28303327044
1603	9/12/2019 8:20:06		-122.362	37.718	2089251.472	6022992.545		2187.002	RS-700	0.24529798742
1604	9/12/2019 8:20:07		-122.362	37.718	2089250.685	6022993.628		2136.767	RS-700	-0.07064962264
1605	9/12/2019 8:20:08		-122.362	37.718	2089250.046	6022994.628		2120.545	RS-700	-0.17267289308
1606	9/12/2019 8:20:09		-122.362	37.718	2089249.486	6022995.340		2152.093	RS-700	0.02573993711
1607	9/12/2019 8:20:10		-122.362	37.718	2089249.149	6022995.797		2239.571	RS-700	0.57591943396
1608	9/12/2019 8:20:11		-122.362	37.718	2089249.111	6022995.854		2140.100	RS-700	-0.04968867925
1609	9/12/2019 8:20:12		-122.362	37.718	2089249.112	6022995.825		2186.893	RS-700	0.24461176101
1610	9/12/2019 8:20:13		-122.362	37.718	2089249.111	6022995.854		2244.691	RS-700	0.60811924528
1611	9/12/2019 8:20:14		-122.362	37.718	2089249.111	6022995.854		2163.090	RS-700	0.09490465409
1612	9/12/2019 8:20:15		-122.362	37.718	2089249.076	6022995.824		2193.909	RS-700	0.28873415094
1613	9/12/2019 8:20:16		-122.362	37.718	2089249.148	6022995.825		2246.027	RS-700	0.61652421384
1614	9/12/2019 8:20:17		-122.362	37.718	2089249.148	6022995.854		2140.088	RS-700	-0.04976000000
1615	9/12/2019 8:20:18		-122.362	37.718	2089249.148	6022995.854		2173.996	RS-700	0.16349886793
1616	9/12/2019 8:20:19		-122.362	37.718	2089249.184	6022995.855		2186.892	RS-700	0.24460459120
1617	9/12/2019 8:20:20		-122.362	37.718	2089249.184	6022995.855		2230.684	RS-700	0.52002641509
1618	9/12/2019 8:20:21		-122.362	37.718	2089249.185	6022995.826		2282.931	RS-700	0.84862515723
1619	9/12/2019 8:20:22		-122.362	37.718	2089249.185	6022995.826		2218.786	RS-700	0.44519710692
1620	9/12/2019 8:20:23		-122.362	37.718	2089249.222	6022995.798		2157.878	RS-700	0.06212672956
1621	9/12/2019 8:20:24		-122.362	37.718	2089249.258	6022995.828		2173.111	RS-700	0.15792962264
1622	9/12/2019 8:20:25		-122.362	37.718	2089249.258	6022995.799		2187.000	RS-700	0.24528490566
1623	9/12/2019 8:20:26		-122.362	37.718	2089249.259	6022995.770		2099.329	RS-700	-0.30610616352
1624	9/12/2019 8:20:27		-122.362	37.718	2089249.259	6022995.770		2202.008	RS-700	0.33967496855
1625	9/12/2019 8:20:28		-122.362	37.718	2089249.258	6022995.799		2161.530	RS-700	0.08509402516
1626	9/12/2019 8:20:29		-122.362	37.718	2089249.259	6022995.770		2234.368	RS-700	0.54319534591
1627	9/12/2019 8:20:30		-122.362	37.718	2089249.259	6022995.770		2202.336	RS-700	0.34173477987
1628	9/12/2019 8:20:31		-122.362	37.718	2089249.295	6022995.771		2189.009	RS-700	0.25791836478
1629	9/12/2019 8:20:32		-122.362	37.718	2089249.331	6022995.771		2135.193	RS-700	-0.08054660377
1630	9/12/2019 8:20:33		-122.362	37.718	2089249.331	6022995.771		2186.673	RS-700	0.24322861635
1631	9/12/2019 8:20:34		-122.362	37.718	2089249.369	6022995.714		2137.336	RS-700	-0.06707018868
1632	9/12/2019 8:20:35		-122.362	37.718	2089249.368	6022995.743		2200.115	RS-700	0.32776918239
1633	9/12/2019 8:20:36		-122.362	37.718	2089249.368	6022995.743		2160.452	RS-700	0.07831490566
1634	9/12/2019 8:20:37		-122.362	37.718	2089249.368	6022995.772		2203.456	RS-700	0.34878226415
1635	9/12/2019 8:20:38		-122.362	37.718	2089249.368	6022995.772		2179.669	RS-700	0.19917918239
1636	9/12/2019 8:20:39		-122.362	37.718	2089249.331	6022995.771		2128.749	RS-700	-0.12107578616
1637	9/12/2019 8:20:40		-122.362	37.718	2089249.219	6022995.914		2215.346	RS-700	0.42355660377
1638	9/12/2019 8:20:41		-122.362	37.718	2089248.921	6022996.284		2226.906	RS-700	0.49626415094
1639	9/12/2019 8:20:42		-122.362	37.718	2089248.287	6022997.023		2220.785	RS-700	0.45776635220
1640	9/12/2019 8:20:43		-122.362	37.718	2089247.574	6022998.051		2210.011	RS-700	0.39000628931
1641	9/12/2019 8:20:44		-122.362	37.718	2089246.749	6022999.249		2234.690	RS-700	0.54522012579
1642	9/12/2019 8:20:45		-122.362	37.718	2089245.774	6023000.676		2198.897	RS-700	0.32010767296
1643	9/12/2019 8:20:46		-122.362	37.718	2089244.724	6023002.189		2277.824	RS-700	0.81650081761
1644	9/12/2019 8:20:47		-122.362	37.718	2089243.637	6023003.729		2174.321	RS-700	0.16553968554
1645	9/12/2019 8:20:48		-122.362	37.718	2089242.407	6023005.151		2216.347	RS-700	0.42985811321
1646	9/12/2019 8:20:49		-122.362	37.718	2089241.208	6023006.863		2237.798	RS-700	0.56476691824

Gamma Scan Survey Results
Survey Unit 4 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
1647	9/12/2019 8:20:50		-122.362	37.718	2089240.041	6023008.778		2235.031	RS-700	0.54736597484
1648	9/12/2019 8:20:51		-122.362	37.718	2089238.733	6023010.459		2204.678	RS-700	0.35646654088
1649	9/12/2019 8:20:52		-122.362	37.718	2089237.314	6023012.196		2188.101	RS-700	0.25220918239
1650	9/12/2019 8:20:53		-122.362	37.718	2089235.822	6023013.960		2190.447	RS-700	0.26696138365
1651	9/12/2019 8:20:54		-122.362	37.718	2089234.474	6023015.842		2181.765	RS-700	0.21236018868
1652	9/12/2019 8:20:55		-122.362	37.718	2089233.309	6023017.642		2229.129	RS-700	0.51024371069
1653	9/12/2019 8:20:56		-122.362	37.718	2089232.223	6023019.153		2113.878	RS-700	-0.21460327044
1654	9/12/2019 8:20:57		-122.362	37.718	2089230.742	6023020.339		2212.239	RS-700	0.40402018868
1655	9/12/2019 8:20:58		-122.362	37.718	2089229.436	6023021.904		2240.221	RS-700	0.58000603774
1656	9/12/2019 8:20:59		-122.362	37.718	2089228.164	6023023.615		2223.794	RS-700	0.47669062893
1657	9/12/2019 8:21:00		-122.362	37.718	2089227.037	6023025.328		2217.905	RS-700	0.43965496855
1658	9/12/2019 8:21:01		-122.362	37.718	2089225.765	6023027.039		2205.994	RS-700	0.36474220126
1659	9/12/2019 8:21:02		-122.362	37.718	2089224.421	6023028.690		2263.581	RS-700	0.72692672956
1660	9/12/2019 8:21:03		-122.362	37.718	2089223.151	6023030.285		2208.999	RS-700	0.38364157233
1661	9/12/2019 8:21:04		-122.362	37.718	2089222.140	6023031.711		2168.871	RS-700	0.13126452830
1662	9/12/2019 8:21:05		-122.362	37.718	2089221.091	6023033.165		2239.899	RS-700	0.57797861635
1663	9/12/2019 8:21:06		-122.362	37.718	2089220.079	6023034.592		2211.092	RS-700	0.39680503145
1664	9/12/2019 8:21:07		-122.362	37.718	2089218.993	6023036.104		2222.794	RS-700	0.47040144654
1665	9/12/2019 8:21:08		-122.362	37.718	2089217.833	6023037.672		2373.078	RS-700	1.41558792453
1666	9/12/2019 8:21:09		-122.362	37.718	2089216.673	6023039.240		2252.366	RS-700	0.65638817610
1667	9/12/2019 8:21:10		-122.362	37.718	2089215.549	6023040.808		2133.868	RS-700	-0.08887981132
1668	9/12/2019 8:21:11		-122.362	37.718	2089214.430	6023042.146		2198.445	RS-700	0.31726440252
1669	9/12/2019 8:21:12		-122.362	37.718	2089213.202	6023043.452		2156.980	RS-700	0.05647660377
1670	9/12/2019 8:21:13		-122.362	37.718	2089212.228	6023044.821		2169.449	RS-700	0.13489710692
1671	9/12/2019 8:21:14		-122.362	37.718	2089211.360	6023046.337		2274.584	RS-700	0.79612823899
1672	9/12/2019 8:21:15		-122.362	37.718	2089210.565	6023047.826		2202.914	RS-700	0.34537125786
1673	9/12/2019 8:21:16		-122.362	37.718	2089209.814	6023048.997		2198.554	RS-700	0.31794754717
1674	9/12/2019 8:21:17		-122.362	37.718	2089208.912	6023050.368		2159.989	RS-700	0.07540031447
1675	9/12/2019 8:21:18		-122.362	37.718	2089208.194	6023051.713		2167.995	RS-700	0.12575660377
1676	9/12/2019 8:21:19		-122.362	37.718	2089207.293	6023053.026		2314.835	RS-700	1.04927874214
1677	9/12/2019 8:21:20		-122.362	37.718	2089206.396	6023054.194		2264.812	RS-700	0.73466880503
1678	9/12/2019 8:21:21		-122.362	37.718	2089205.684	6023055.222		2291.053	RS-700	0.89970333333
1679	9/12/2019 8:21:22		-122.362	37.718	2089204.824	6023056.333		2324.060	RS-700	1.10729830189
1680	9/12/2019 8:21:23		-122.362	37.718	2089203.927	6023057.472		2547.310	RS-700	2.51138100629
1681	9/12/2019 8:21:24		-122.362	37.718	2089202.880	6023058.840		2432.611	RS-700	1.79000314465
1682	9/12/2019 8:21:25		-122.362	37.718	2089201.866	6023060.382		2317.825	RS-700	1.06807968553
1683	9/12/2019 8:21:26		-122.362	37.718	2089201.000	6023061.811		2391.572	RS-700	1.53189981132
1684	9/12/2019 8:21:27		-122.362	37.718	2089200.096	6023063.327		2363.605	RS-700	1.35600754717
1685	9/12/2019 8:21:28		-122.362	37.718	2089199.085	6023064.724		2318.947	RS-700	1.07513553459
1686	9/12/2019 8:21:29		-122.362	37.718	2089197.966	6023066.062		2349.838	RS-700	1.26941823899
1687	9/12/2019 8:21:30		-122.362	37.718	2089196.882	6023067.429		2416.986	RS-700	1.69173792453
1688	9/12/2019 8:21:31		-122.362	37.718	2089195.798	6023068.825		2349.080	RS-700	1.26465691824
1689	9/12/2019 8:21:32		-122.362	37.718	2089194.750	6023070.279		2383.744	RS-700	1.48266691824
1690	9/12/2019 8:21:33		-122.362	37.718	2089193.739	6023071.677		2320.179	RS-700	1.08288647799
1691	9/12/2019 8:21:34		-122.362	37.718	2089192.692	6023073.045		2312.948	RS-700	1.03740918239
1692	9/12/2019 8:21:35		-122.362	37.718	2089191.574	6023074.295		2434.628	RS-700	1.80269088050
1693	9/12/2019 8:21:36		-122.362	37.718	2089190.563	6023075.693		2363.788	RS-700	1.35715968553
1694	9/12/2019 8:21:37		-122.362	37.718	2089189.698	6023077.093		2400.092	RS-700	1.58548176101
1695	9/12/2019 8:21:38		-122.362	37.718	2089188.723	6023078.462		2308.827	RS-700	1.01149201258
1696	9/12/2019 8:21:39		-122.362	37.718	2089187.675	6023079.888		2425.864	RS-700	1.74757477987
1697	9/12/2019 8:21:40		-122.362	37.718	2089186.372	6023081.337		2378.086	RS-700	1.44708075472
1698	9/12/2019 8:21:41		-122.362	37.718	2089185.143	6023082.702		2460.267	RS-700	1.96394641509
1699	9/12/2019 8:21:42		-122.362	37.718	2089184.096	6023084.041		2377.491	RS-700	1.44334157233
1700	9/12/2019 8:21:43		-122.362	37.718	2089182.829	6023085.491		2323.298	RS-700	1.10250025157
1701	9/12/2019 8:21:44		-122.362	37.718	2089181.665	6023087.261		2382.327	RS-700	1.47375729560
1702	9/12/2019 8:21:45		-122.362	37.718	2089180.719	6023089.065		2273.927	RS-700	0.79199081761
1703	9/12/2019 8:21:46		-122.362	37.718	2089179.775	6023090.724		2230.464	RS-700	0.51864257862
1704	9/12/2019 8:21:47		-122.362	37.718	2089178.692	6023092.091		2277.383	RS-700	0.81372962264
1705	9/12/2019 8:21:48		-122.362	37.718	2089177.684	6023093.315		2295.834	RS-700	0.92977238994
1706	9/12/2019 8:21:49		-122.362	37.718	2089176.937	6023094.255		2249.806	RS-700	0.64028798742
1707	9/12/2019 8:21:50		-122.362	37.718	2089176.342	6023094.880		2234.918	RS-700	0.54665201258

Gamma Scan Survey Results
Survey Unit 4 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
1708	9/12/2019 8:21:51		-122.362	37.718	2089175.637	6023095.560		2311.950	RS-700	1.03113496855
1709	9/12/2019 8:21:52		-122.362	37.718	2089175.077	6023096.243		2372.445	RS-700	1.41160075472
1710	9/12/2019 8:21:53		-122.362	37.718	2089174.665	6023096.814		2306.592	RS-700	0.99743138365
1711	9/12/2019 8:21:54		-122.362	37.718	2089174.138	6023097.642		2374.205	RS-700	1.42267257862
1712	9/12/2019 8:21:55		-122.362	37.718	2089173.572	6023098.643		2250.241	RS-700	0.64302320755
1713	9/12/2019 8:21:56		-122.362	37.718	2089173.078	6023099.675		2399.340	RS-700	1.58075238994
1714	9/12/2019 8:21:57		-122.362	37.718	2089172.441	6023100.559		2403.224	RS-700	1.60518427673
1715	9/12/2019 8:21:58		-122.362	37.718	2089171.731	6023101.471		2292.827	RS-700	0.91086377359
1716	9/12/2019 8:21:59		-122.362	37.718	2089170.944	6023102.583		2306.518	RS-700	0.99696698113
1717	9/12/2019 8:22:00		-122.362	37.718	2089170.008	6023103.867		2290.242	RS-700	0.89460459120
1718	9/12/2019 8:22:01		-122.362	37.718	2089168.922	6023105.378		2294.926	RS-700	0.92406591195
1719	9/12/2019 8:22:02		-122.362	37.718	2089167.726	6023106.946		2303.814	RS-700	0.97995955975
1720	9/12/2019 8:22:03		-122.362	37.718	2089166.420	6023108.482		2313.293	RS-700	1.03957899371
1721	9/12/2019 8:22:04		-122.362	37.718	2089165.264	6023109.876		2286.391	RS-700	0.87038452830
1722	9/12/2019 8:22:05		-122.362	37.718	2089164.218	6023111.186		2294.048	RS-700	0.91853798742
1723	9/12/2019 8:22:06		-122.362	37.718	2089163.245	6023112.498		2400.839	RS-700	1.59018075472
1724	9/12/2019 8:22:07		-122.362	37.718	2089162.271	6023113.867		2472.505	RS-700	2.04091459119
1725	9/12/2019 8:22:08		-122.362	37.718	2089161.370	6023115.180		2355.967	RS-700	1.30796779874
1726	9/12/2019 8:22:09		-122.362	37.718	2089160.657	6023116.265		2283.619	RS-700	0.85294811321
1727	9/12/2019 8:22:10		-122.362	37.718	2089160.619	6023116.351		2356.173	RS-700	1.30926559748
1728	9/12/2019 8:22:11		-122.362	37.718	2089161.519	6023115.038		2236.358	RS-700	0.55571150943
1729	9/12/2019 8:22:12		-122.362	37.718	2089162.646	6023113.325		2343.712	RS-700	1.23089603774
1730	9/12/2019 8:22:13		-122.362	37.718	2089163.538	6023112.388		2318.945	RS-700	1.07512836478
1731	9/12/2019 8:22:14		-122.362	37.718	2089163.166	6023112.786		2299.181	RS-700	0.95082270440
1732	9/12/2019 8:22:15		-122.362	37.718	2089162.271	6023113.838		2255.362	RS-700	0.67523484277
1733	9/12/2019 8:22:16		-122.362	37.718	2089161.262	6023115.149		2266.491	RS-700	0.74522943396
1734	9/12/2019 8:22:17		-122.362	37.718	2089160.435	6023116.434		2345.957	RS-700	1.24501213836
1735	9/12/2019 8:22:18		-122.362	37.718	2089159.502	6023117.544		2304.829	RS-700	0.98634276730
1736	9/12/2019 8:22:19		-122.362	37.718	2089158.497	6023118.652		2234.352	RS-700	0.54309534591
1737	9/12/2019 8:22:20		-122.362	37.718	2089157.530	6023119.675		2239.805	RS-700	0.57739018868
1738	9/12/2019 8:22:21		-122.362	37.718	2089156.667	6023120.930		2208.916	RS-700	0.38311647799
1739	9/12/2019 8:22:22		-122.362	37.718	2089156.171	6023122.078		2221.904	RS-700	0.46480698113
1740	9/12/2019 8:22:23		-122.362	37.718	2089155.750	6023123.111		2149.344	RS-700	0.00845383648
1741	9/12/2019 8:22:24		-122.362	37.718	2089155.184	6023124.083		2237.577	RS-700	0.56337427673
1742	9/12/2019 8:22:25		-122.362	37.718	2089154.621	6023124.911		2247.805	RS-700	0.62770716981
1743	9/12/2019 8:22:26		-122.362	37.718	2089153.798	6023126.023		2206.902	RS-700	0.37045484277
1744	9/12/2019 8:22:27		-122.362	37.718	2089152.898	6023127.336		2213.028	RS-700	0.40898012579
1745	9/12/2019 8:22:28		-122.362	37.718	2089151.920	6023128.878		2194.004	RS-700	0.28933100629
1746	9/12/2019 8:22:29		-122.362	37.718	2089150.796	6023130.447		2269.041	RS-700	0.76126163522
1747	9/12/2019 8:22:30		-122.362	37.718	2089149.601	6023131.957		2228.685	RS-700	0.50745295598
1748	9/12/2019 8:22:31		-122.362	37.718	2089148.479	6023133.439		2250.584	RS-700	0.64518220126
1749	9/12/2019 8:22:32		-122.362	37.718	2089147.468	6023134.836		2225.794	RS-700	0.48927169811
1750	9/12/2019 8:22:33		-122.362	37.718	2089146.313	6023136.144		2218.229	RS-700	0.44169459120
1751	9/12/2019 8:22:34		-122.362	37.718	2089145.233	6023137.338		2324.412	RS-700	1.10950811321
1752	9/12/2019 8:22:35		-122.362	37.718	2089144.110	6023138.849		2229.573	RS-700	0.51304075472
1753	9/12/2019 8:22:36		-122.362	37.718	2089143.060	6023140.390		2317.262	RS-700	1.06454018868
1754	9/12/2019 8:22:37		-122.362	37.718	2089141.977	6023141.728		2271.926	RS-700	0.77940805031
1755	9/12/2019 8:22:38		-122.362	37.718	2089140.786	6023143.006		2349.957	RS-700	1.27016779874
1756	9/12/2019 8:22:39		-122.362	37.718	2089139.631	6023144.314		2273.823	RS-700	0.79133691824
1757	9/12/2019 8:22:40		-122.362	37.718	2089138.514	6023145.565		2300.825	RS-700	0.96116308176
1758	9/12/2019 8:22:41		-122.362	37.718	2089137.612	6023146.935		2302.509	RS-700	0.97175264151
1759	9/12/2019 8:22:42		-122.362	37.718	2089136.784	6023148.308		2311.277	RS-700	1.02690094340
1760	9/12/2019 8:22:43		-122.362	37.718	2089135.703	6023149.530		2304.166	RS-700	0.98217572327
1761	9/12/2019 8:22:44		-122.362	37.718	2089134.548	6023150.838		2315.597	RS-700	1.05407220126
1762	9/12/2019 8:22:45		-122.362	37.718	2089133.507	6023151.945		2270.152	RS-700	0.76825069182
1763	9/12/2019 8:22:46		-122.362	37.718	2089132.465	6023153.053		2305.940	RS-700	0.99333314465
1764	9/12/2019 8:22:47		-122.362	37.718	2089131.461	6023154.103		2285.932	RS-700	0.86749742138
1765	9/12/2019 8:22:48		-122.362	37.718	2089130.381	6023155.297		2305.702	RS-700	0.99183911950
1766	9/12/2019 8:22:49		-122.362	37.718	2089129.370	6023156.666		2322.412	RS-700	1.09693012579
1767	9/12/2019 8:22:50		-122.362	37.718	2089128.392	6023158.237		2228.578	RS-700	0.50677779874
1768	9/12/2019 8:22:51		-122.362	37.718	2089127.488	6023159.724		2249.028	RS-700	0.63539547170

Gamma Scan Survey Results
Survey Unit 4 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
1769	9/12/2019 8:22:52		-122.362	37.718	2089126.731	6023161.184		2312.173	RS-700	1.03253496855
1770	9/12/2019 8:22:53		-122.362	37.718	2089125.612	6023162.521		2277.959	RS-700	0.81734981132
1771	9/12/2019 8:22:54		-122.362	37.718	2089124.453	6023164.032		2235.023	RS-700	0.54731547170
1772	9/12/2019 8:22:55		-122.362	37.718	2089123.329	6023165.600		2273.584	RS-700	0.78983440252
1773	9/12/2019 8:22:56		-122.362	37.718	2089122.134	6023167.081		2128.225	RS-700	-0.12436905660
1774	9/12/2019 8:22:57		-122.362	37.718	2089120.945	6023168.273		2305.599	RS-700	0.99118955975
1775	9/12/2019 8:22:58		-122.362	37.718	2089119.753	6023169.609		2335.196	RS-700	1.17733094340
1776	9/12/2019 8:22:59		-122.362	37.718	2089118.671	6023170.889		2262.924	RS-700	0.72279383648
1777	9/12/2019 8:23:00		-122.362	37.718	2089117.590	6023172.169		2243.696	RS-700	0.60185949686
1778	9/12/2019 8:23:01		-122.362	37.718	2089116.431	6023173.679		2297.590	RS-700	0.94081874214
1779	9/12/2019 8:23:02		-122.362	37.718	2089115.271	6023175.219		2245.586	RS-700	0.61374628931
1780	9/12/2019 8:23:03		-122.362	37.718	2089114.257	6023176.790		2275.374	RS-700	0.80109383648
1781	9/12/2019 8:23:04		-122.362	37.718	2089113.245	6023178.216		2324.073	RS-700	1.10737830189
1782	9/12/2019 8:23:05		-122.362	37.718	2089112.158	6023179.757		2289.821	RS-700	0.89195308176
1783	9/12/2019 8:23:06		-122.362	37.718	2089111.110	6023181.182		2292.712	RS-700	0.91014050315
1784	9/12/2019 8:23:07		-122.362	37.718	2089110.208	6023182.582		2244.805	RS-700	0.60883440252
1785	9/12/2019 8:23:08		-122.362	37.718	2089109.456	6023183.753		2130.649	RS-700	-0.10912314465
1786	9/12/2019 8:23:09		-122.362	37.718	2089108.932	6023184.495		2113.648	RS-700	-0.21605213837
1787	9/12/2019 8:23:10		-122.362	37.718	2089108.483	6023185.093		2151.864	RS-700	0.02429987421
1788	9/12/2019 8:23:11		-122.362	37.718	2089107.810	6023185.948		2189.658	RS-700	0.26200226415
1789	9/12/2019 8:23:12		-122.362	37.718	2089106.881	6023186.913		2247.389	RS-700	0.62508792453
1790	9/12/2019 8:23:13		-122.362	37.718	2089105.839	6023188.021		2194.125	RS-700	0.29009402516
1791	9/12/2019 8:23:14		-122.362	37.718	2089104.645	6023189.443		2229.680	RS-700	0.51371377359
1792	9/12/2019 8:23:15		-122.362	37.718	2089103.417	6023190.779		2223.907	RS-700	0.47740251572
1793	9/12/2019 8:23:16		-122.362	37.718	2089101.827	6023191.991		2259.028	RS-700	0.69828861635
1794	9/12/2019 8:23:17		-122.362	37.718	2089100.743	6023193.387		2190.221	RS-700	0.26553930818
1795	9/12/2019 8:23:18		-122.362	37.718	2089099.655	6023194.956		2151.991	RS-700	0.02510301887
1796	9/12/2019 8:23:19		-122.362	37.718	2089098.756	6023196.240		2182.010	RS-700	0.21389855346
1797	9/12/2019 8:23:20		-122.362	37.718	2089097.894	6023197.467		2269.034	RS-700	0.76121836478
1798	9/12/2019 8:23:21		-122.362	37.718	2089096.958	6023198.751		2253.808	RS-700	0.66546031447
1799	9/12/2019 8:23:22		-122.362	37.718	2089096.093	6023200.093		2263.585	RS-700	0.72695213837
1800	9/12/2019 8:23:23		-122.362	37.718	2089095.299	6023201.553		2241.917	RS-700	0.59066987421
1801	9/12/2019 8:23:24		-122.362	37.718	2089094.472	6023202.867		2253.921	RS-700	0.66617270440
1802	9/12/2019 8:23:25		-122.362	37.718	2089093.533	6023204.324		2168.444	RS-700	0.12857660377
1803	9/12/2019 8:23:26		-122.362	37.718	2089092.519	6023205.837		2276.815	RS-700	0.81015949686
1804	9/12/2019 8:23:27		-122.362	37.718	2089091.762	6023207.268		2216.014	RS-700	0.42776169811
1805	9/12/2019 8:23:28		-122.362	37.718	2089090.754	6023208.521		2196.231	RS-700	0.30333698113
1806	9/12/2019 8:23:29		-122.362	37.718	2089089.567	6023209.626		2237.571	RS-700	0.56333943396
1807	9/12/2019 8:23:30		-122.362	37.718	2089088.240	6023210.410		2222.017	RS-700	0.07629560117
1808	9/12/2019 8:23:31		-122.362	37.718	2089087.276	6023211.287		2210.350	RS-700	0.04208108504
1809	9/12/2019 8:23:32		-122.362	37.718	2089086.860	6023212.031		2259.034	RS-700	0.18484961877
1810	9/12/2019 8:23:33		-122.362	37.718	2089086.593	6023212.633		2246.800	RS-700	0.14897337243
1811	9/12/2019 8:23:34		-122.362	37.718	2089086.477	6023213.007		2420.758	RS-700	0.65911445748
1812	9/12/2019 8:23:35		-122.362	37.718	2089086.283	6023213.611		2415.188	RS-700	0.64278079179
1813	9/12/2019 8:23:36		-122.362	37.718	2089086.318	6023213.640		2262.921	RS-700	0.19624815249
1814	9/12/2019 8:23:37		-122.362	37.718	2089086.433	6023213.353		2407.976	RS-700	0.62162912024
1815	9/12/2019 8:23:38		-122.362	37.718	2089086.084	6023214.417		2452.111	RS-700	0.75105994135
1816	9/12/2019 8:23:39		-122.362	37.718	2089085.629	6023215.363		2579.053	RS-700	1.12332120235
1817	9/12/2019 8:23:40		-122.362	37.718	2089084.956	6023216.217		2476.777	RS-700	0.82339190616
1818	9/12/2019 8:23:41		-122.362	37.718	2089084.207	6023217.244		2082.756	RS-700	-0.33209407625
1819	9/12/2019 8:23:42		-122.362	37.718	2089083.572	6023218.041		1830.745	RS-700	-1.07112821114
1820	9/12/2019 8:23:43		-122.362	37.718	2089082.859	6023219.097		1581.803	RS-700	-1.80116448680
1821	9/12/2019 8:23:44		-122.362	37.718	2089082.030	6023220.527		1817.558	RS-700	-1.10980105572
1822	9/12/2019 8:23:45		-122.362	37.718	2089081.017	6023222.012		2322.412	RS-700	0.37070906158
1823	9/12/2019 8:23:46		-122.362	37.718	2089079.959	6023223.929		2700.107	RS-700	1.47831982405
1824	9/12/2019 8:23:47		-122.362	37.718	2089078.465	6023225.808		2494.532	RS-700	0.87545935484
1825	9/12/2019 8:23:48		-122.362	37.718	2089076.689	6023227.191		2267.497	RS-700	0.20966956012
1826	9/12/2019 8:23:49		-122.362	37.718	2089075.739	6023227.374		2275.587	RS-700	0.80243320755
1827	9/12/2019 8:23:50		-122.362	37.717	2089075.152	6023227.594		2183.790	RS-700	0.22509194969
1828	9/12/2019 8:23:51		-122.362	37.717	2089074.219	6023228.704		2213.327	RS-700	0.41086320755
1829	9/12/2019 8:23:52		-122.362	37.717	2089073.531	6023230.310		2236.352	RS-700	0.55567553459

Gamma Scan Survey Results
Survey Unit 4 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
1830	9/12/2019 8:23:53		-122.362	37.717	2089072.771	6023231.915		2214.567	RS-700	0.41865779874
1831	9/12/2019 8:23:54		-122.362	37.717	2089072.129	6023233.060		2232.578	RS-700	0.53193987421
1832	9/12/2019 8:23:55		-122.362	37.717	2089071.828	6023233.545		2155.990	RS-700	0.05025094340
1833	9/12/2019 8:23:56		-122.362	37.717	2089071.867	6023233.431		2284.817	RS-700	0.86048345912
1834	9/12/2019 8:23:57		-122.362	37.717	2089071.978	6023233.346		2175.155	RS-700	0.17078729560
1835	9/12/2019 8:23:58		-122.362	37.717	2089071.977	6023233.375		2280.176	RS-700	0.83129283019
1836	9/12/2019 8:23:59		-122.362	37.717	2089071.942	6023233.345		2229.798	RS-700	0.51445081761
1837	9/12/2019 8:24:00		-122.362	37.717	2089071.942	6023233.316		2221.582	RS-700	0.46278012579
1838	9/12/2019 8:24:01		-122.362	37.717	2089072.242	6023232.888		2207.895	RS-700	0.37670012579
1839	9/12/2019 8:24:02		-122.362	37.717	2089072.841	6023232.090		2185.888	RS-700	0.23828773585
1840	9/12/2019 8:24:03		-122.362	37.717	2089072.953	6023231.919		2277.176	RS-700	0.81242647799
1841	9/12/2019 8:24:04		-122.362	37.717	2089072.576	6023232.548		2245.692	RS-700	0.61441371069
1842	9/12/2019 8:24:05		-122.362	37.717	2089071.679	6023233.745		2143.407	RS-700	-0.02888503145
1843	9/12/2019 8:24:06		-122.362	37.717	2089070.456	6023234.791		2243.134	RS-700	0.59832823899
1844	9/12/2019 8:24:07		-122.362	37.717	2089069.085	6023235.950		2186.202	RS-700	0.24026283019
1845	9/12/2019 8:24:08		-122.362	37.717	2089067.933	6023237.113		2237.778	RS-700	0.56464377359
1846	9/12/2019 8:24:09		-122.362	37.717	2089066.816	6023238.364		2100.645	RS-700	-0.29782805031
1847	9/12/2019 8:24:10		-122.362	37.717	2089065.731	6023239.789		2185.452	RS-700	0.23554987421
1848	9/12/2019 8:24:11		-122.362	37.717	2089064.467	6023241.094		2302.061	RS-700	0.96893987421
1849	9/12/2019 8:24:12		-122.362	37.717	2089063.238	6023242.459		2138.871	RS-700	-0.05741603774
1850	9/12/2019 8:24:13		-122.362	37.717	2089062.226	6023243.914		2119.762	RS-700	-0.17760062893
1851	9/12/2019 8:24:14		-122.362	37.717	2089061.142	6023245.310		2177.215	RS-700	0.18374088050
1852	9/12/2019 8:24:15		-122.362	37.717	2089060.097	6023246.591		2087.433	RS-700	-0.38092452830
1853	9/12/2019 8:24:16		-122.362	37.717	2089058.759	6023247.924		2148.104	RS-700	0.00065679245
1854	9/12/2019 8:24:17		-122.362	37.717	2089057.456	6023249.374		2131.768	RS-700	-0.10208748428
1855	9/12/2019 8:24:18		-122.362	37.717	2089056.404	6023251.002		2131.759	RS-700	-0.10214572327
1856	9/12/2019 8:24:19		-122.362	37.717	2089055.390	6023252.544		2067.429	RS-700	-0.50673893082
1857	9/12/2019 8:24:20		-122.362	37.717	2089054.341	6023253.969		1692.566	RS-700	-2.86436188679
1858	9/12/2019 8:24:21		-122.362	37.717	2089053.405	6023255.282		1380.491	RS-700	-4.82710050314
1859	9/12/2019 8:24:22		-122.362	37.717	2089052.469	6023256.565		1269.457	RS-700	-5.52542647799
1860	9/12/2019 8:24:23		-122.362	37.717	2089051.536	6023257.675		1333.436	RS-700	-5.12304245283
1861	9/12/2019 8:24:24		-122.362	37.717	2089050.496	6023258.695		1538.403	RS-700	-3.83394245283
1862	9/12/2019 8:24:25		-122.362	37.717	2089049.201	6023259.740		1857.116	RS-700	-1.82945723270
1863	9/12/2019 8:24:26		-122.362	37.717	2089048.048	6023260.932		2012.721	RS-700	-0.85081125786
1864	9/12/2019 8:24:27		-122.362	37.717	2089046.966	6023262.241		2180.676	RS-700	0.20550918239
1865	9/12/2019 8:24:28		-122.362	37.717	2089046.101	6023263.613		2201.895	RS-700	0.33895918239
1866	9/12/2019 8:24:29		-122.362	37.717	2089045.532	6023264.730		2131.871	RS-700	-0.10144333333
1867	9/12/2019 8:24:30		-122.362	37.717	2089044.670	6023265.986		2125.168	RS-700	-0.14359798742
1868	9/12/2019 8:24:31		-122.362	37.717	2089043.920	6023267.041		2213.794	RS-700	0.41380119497
1869	9/12/2019 8:24:32		-122.362	37.717	2089043.062	6023268.066		2227.128	RS-700	0.49765874214
1870	9/12/2019 8:24:33		-122.362	37.717	2089041.951	6023269.027		2166.870	RS-700	0.11867729560
1871	9/12/2019 8:24:34		-122.362	37.717	2089041.138	6023269.618		2123.870	RS-700	-0.15176339623
1872	9/12/2019 8:24:35		-122.362	37.717	2089040.357	6023270.413		2199.102	RS-700	0.32139616352
1873	9/12/2019 8:24:36		-122.362	37.717	2089039.832	6023271.184		2058.843	RS-700	-0.56073710692
1874	9/12/2019 8:24:37		-122.362	37.717	2089039.644	6023271.498		2149.877	RS-700	0.01180396226
1875	9/12/2019 8:24:38		-122.361	37.717	2089039.495	6023271.669		2158.989	RS-700	0.06911591195
1876	9/12/2019 8:24:39		-122.361	37.717	2089038.819	6023272.668		2117.080	RS-700	-0.19446654088
1877	9/12/2019 8:24:40		-122.361	37.717	2089038.252	6023273.727		2087.524	RS-700	-0.38034937107
1878	9/12/2019 8:24:41		-122.361	37.717	2089037.538	6023274.841		2180.102	RS-700	0.20189666667
1879	9/12/2019 8:24:42		-122.361	37.717	2089036.715	6023275.924		2161.989	RS-700	0.08798364780
1880	9/12/2019 8:24:43		-122.361	37.717	2089035.778	6023277.236		2096.700	RS-700	-0.32264000000
1881	9/12/2019 8:24:44		-122.361	37.717	2089034.911	6023278.723		2142.654	RS-700	-0.03362540881
1882	9/12/2019 8:24:45		-122.361	37.717	2089034.183	6023280.560		2131.763	RS-700	-0.10211987421
1883	9/12/2019 8:24:46		-122.361	37.717	2089033.527	6023282.370		2028.827	RS-700	-0.74951811321
1884	9/12/2019 8:24:47		-122.361	37.717	2089032.584	6023284.029		2102.542	RS-700	-0.28589880503
1885	9/12/2019 8:24:48		-122.361	37.717	2089031.459	6023285.656		2043.039	RS-700	-0.66013465409
1886	9/12/2019 8:24:49		-122.361	37.717	2089030.483	6023287.141		2047.932	RS-700	-0.62935893082
1887	9/12/2019 8:24:50		-122.361	37.717	2089029.730	6023288.341		2129.756	RS-700	-0.11474433962
1888	9/12/2019 8:24:51		-122.361	37.717	2089026.699	6023290.624		2102.652	RS-700	-0.28520729560
1889	9/12/2019 8:24:52		-122.361	37.717	2089025.356	6023292.188		2152.873	RS-700	0.03064830189
1890	9/12/2019 8:24:53		-122.361	37.717	2089024.088	6023293.725		2121.967	RS-700	-0.16373207547

Gamma Scan Survey Results
Survey Unit 4 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
1891	9/12/2019 8:24:54		-122.361	37.717	2089023.072	6023295.325		2024.523	RS-700	-0.77658320755
1892	9/12/2019 8:24:55		-122.361	37.717	2089021.874	6023296.979		2125.660	RS-700	-0.14050295598
1893	9/12/2019 8:24:56		-122.361	37.717	2089020.639	6023298.633		2087.539	RS-700	-0.38025528302
1894	9/12/2019 8:24:57		-122.361	37.717	2089021.276	6023299.600		2135.777	RS-700	-0.07687264151
1895	9/12/2019 8:24:58		-122.361	37.717	2089018.242	6023301.970		2061.538	RS-700	-0.54378484277
1896	9/12/2019 8:24:59		-122.361	37.717	2089018.920	6023302.707		2139.443	RS-700	-0.05381773585
1897	9/12/2019 8:25:00		-122.361	37.717	2089017.799	6023304.131		2108.647	RS-700	-0.24750496855
1898	9/12/2019 8:25:01		-122.361	37.717	2089016.788	6023305.528		2086.083	RS-700	-0.38941647799
1899	9/12/2019 8:25:02		-122.361	37.717	2089015.775	6023307.013		2102.428	RS-700	-0.28661666667
1900	9/12/2019 8:25:03		-122.361	37.717	2089014.650	6023308.639		2084.064	RS-700	-0.40211132076
1901	9/12/2019 8:25:04		-122.361	37.717	2089013.378	6023310.321		2065.738	RS-700	-0.51737031447
1902	9/12/2019 8:25:05		-122.361	37.717	2089012.035	6023311.943		2071.845	RS-700	-0.47896295598
1903	9/12/2019 8:25:06		-122.361	37.717	2089010.802	6023313.510		2147.979	RS-700	-0.00013125786
1904	9/12/2019 8:25:07		-122.361	37.717	2089009.716	6023314.993		2149.552	RS-700	0.00976075472
1905	9/12/2019 8:25:08		-122.361	37.717	2089008.703	6023316.477		2193.556	RS-700	0.28651547170
1906	9/12/2019 8:25:09		-122.361	37.717	2089007.541	6023318.132		2099.962	RS-700	-0.30212421384
1907	9/12/2019 8:25:10		-122.361	37.717	2089006.270	6023319.813		2166.666	RS-700	0.11739484277
1908	9/12/2019 8:25:11		-122.361	37.717	2089004.962	6023321.494		2181.786	RS-700	0.21248968554
1909	9/12/2019 8:25:12		-122.361	37.717	2089003.727	6023323.147		2258.809	RS-700	0.69691415094
1910	9/12/2019 8:25:13		-122.361	37.717	2089002.492	6023324.830		2202.131	RS-700	0.34044666667
1911	9/12/2019 8:25:14		-122.361	37.717	2089001.182	6023326.569		2242.024	RS-700	0.59134509434
1912	9/12/2019 8:25:15		-122.361	37.717	2088999.947	6023328.251		2092.856	RS-700	-0.34681955975
1913	9/12/2019 8:25:16		-122.361	37.717	2088998.673	6023330.048		2127.653	RS-700	-0.12797056604
1914	9/12/2019 8:25:17		-122.361	37.717	2088997.400	6023331.788		2219.009	RS-700	0.44659874214
1915	9/12/2019 8:25:18		-122.361	37.717	2088995.948	6023333.408		2145.980	RS-700	-0.01270679245
1916	9/12/2019 8:25:19		-122.361	37.717	2088994.676	6023335.089		2133.556	RS-700	-0.09083981132
1917	9/12/2019 8:25:20		-122.361	37.717	2088993.404	6023336.771		2263.914	RS-700	0.72901918239
1918	9/12/2019 8:25:21		-122.361	37.717	2088992.134	6023338.395		2286.161	RS-700	0.86893817610
1919	9/12/2019 8:25:22		-122.361	37.717	2088990.899	6023340.048		2179.879	RS-700	0.20049666667
1920	9/12/2019 8:25:23		-122.361	37.717	2088989.627	6023341.730		2235.574	RS-700	0.55078201258
1921	9/12/2019 8:25:24		-122.361	37.717	2088988.430	6023343.355		2156.989	RS-700	0.05653308176
1922	9/12/2019 8:25:25		-122.361	37.717	2088987.232	6023344.980		2171.667	RS-700	0.14885094340
1923	9/12/2019 8:25:26		-122.361	37.717	2088986.003	6023346.344		2182.883	RS-700	0.21938918239
1924	9/12/2019 8:25:27		-122.361	37.717	2088984.517	6023347.819		2222.796	RS-700	0.47041220126
1925	9/12/2019 8:25:28		-122.361	37.717	2088983.289	6023349.096		2067.742	RS-700	-0.50476861635
1926	9/12/2019 8:25:29		-122.361	37.717	2088980.262	6023351.148		2184.222	RS-700	0.22780823899
1927	9/12/2019 8:25:30		-122.361	37.717	2088979.067	6023352.658		2144.089	RS-700	-0.02459880503
1928	9/12/2019 8:25:31		-122.361	37.717	2088979.415	6023353.475		2231.463	RS-700	0.52492691824
1929	9/12/2019 8:25:32		-122.361	37.717	2088978.253	6023355.130		2118.860	RS-700	-0.18326905660
1930	9/12/2019 8:25:33		-122.361	37.717	2088977.168	6023356.554		2128.881	RS-700	-0.12024679245
1931	9/12/2019 8:25:34		-122.361	37.717	2088975.829	6023358.003		2107.176	RS-700	-0.25675182390
1932	9/12/2019 8:25:35		-122.361	37.717	2088974.704	6023359.601		2100.056	RS-700	-0.30153704403
1933	9/12/2019 8:25:36		-122.361	37.717	2088971.676	6023361.711		2212.820	RS-700	0.40767534591
1934	9/12/2019 8:25:37		-122.361	37.717	2088970.374	6023363.102		2208.678	RS-700	0.38162062893
1935	9/12/2019 8:25:38		-122.361	37.717	2088969.216	6023364.526		2227.246	RS-700	0.49840081761
1936	9/12/2019 8:25:39		-122.361	37.717	2088968.058	6023365.978		2265.735	RS-700	0.74046911950
1937	9/12/2019 8:25:40		-122.361	37.717	2088968.702	6023366.570		2213.457	RS-700	0.41167924528
1938	9/12/2019 8:25:41		-122.361	37.717	2088967.542	6023368.138		2235.805	RS-700	0.55223415094
1939	9/12/2019 8:25:42		-122.361	37.717	2088966.382	6023369.677		2187.879	RS-700	0.25081226415
1940	9/12/2019 8:25:43		-122.361	37.717	2088965.298	6023371.102		2215.570	RS-700	0.42497119497
1941	9/12/2019 8:25:44		-122.361	37.717	2088964.067	6023372.553		2249.809	RS-700	0.64030672956
1942	9/12/2019 8:25:45		-122.361	37.717	2088962.764	6023373.973		2181.234	RS-700	0.20901660377
1943	9/12/2019 8:25:46		-122.361	37.717	2088961.351	6023375.450		2122.877	RS-700	-0.15800937107
1944	9/12/2019 8:25:47		-122.361	37.717	2088960.050	6023376.783		2073.076	RS-700	-0.47122163522
1945	9/12/2019 8:25:48		-122.361	37.717	2088958.635	6023378.318		2138.548	RS-700	-0.05944559748
1946	9/12/2019 8:25:49		-122.361	37.717	2088957.660	6023379.745		2176.888	RS-700	0.18168427673
1947	9/12/2019 8:25:50		-122.361	37.717	2088956.646	6023381.316		2165.667	RS-700	0.11111540881
1948	9/12/2019 8:25:51		-122.361	37.717	2088955.633	6023382.800		2125.979	RS-700	-0.13849924528
1949	9/12/2019 8:25:52		-122.361	37.717	2088952.308	6023385.164		2156.309	RS-700	0.05225584906
1950	9/12/2019 8:25:53		-122.361	37.717	2088951.002	6023386.729		2176.544	RS-700	0.17951905660
1951	9/12/2019 8:25:54		-122.361	37.717	2088949.771	6023388.209		2153.448	RS-700	0.03426207547

Gamma Scan Survey Results
Survey Unit 4 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
1952	9/12/2019 8:25:55		-122.361	37.717	2088948.433	6023389.542		2175.226	RS-700	0.17123352201
1953	9/12/2019 8:25:56		-122.361	37.717	2088947.238	6023391.052		2239.368	RS-700	0.57464314465
1954	9/12/2019 8:25:57		-122.361	37.717	2088946.151	6023392.592		2068.167	RS-700	-0.50209729560
1955	9/12/2019 8:25:58		-122.361	37.717	2088944.919	6023394.101		2178.643	RS-700	0.19272427673
1956	9/12/2019 8:25:59		-122.361	37.717	2088945.559	6023394.895		1806.643	RS-700	-2.14689886792
1957	9/12/2019 8:26:00		-122.361	37.717	2088944.435	6023396.464		1472.765	RS-700	-4.24675968553
1958	9/12/2019 8:26:01		-122.361	37.717	2088943.643	6023397.837		1316.205	RS-700	-5.23141333333
1959	9/12/2019 8:26:02		-122.361	37.717	2088942.820	6023398.949		1345.492	RS-700	-5.04721716981
1960	9/12/2019 8:26:03		-122.361	37.717	2088942.184	6023399.804		1321.473	RS-700	-5.19828446541
1961	9/12/2019 8:26:04		-122.361	37.717	2088941.440	6023400.570		1443.379	RS-700	-4.43157597484
1962	9/12/2019 8:26:05		-122.361	37.717	2088940.581	6023401.652		1947.610	RS-700	-1.26031679245
1963	9/12/2019 8:26:06		-122.361	37.717	2088939.426	6023402.960		2128.867	RS-700	-0.12033377359
1964	9/12/2019 8:26:07		-122.361	37.717	2088938.308	6023404.211		2263.036	RS-700	0.72349968554
1965	9/12/2019 8:26:08		-122.361	37.717	2088935.385	6023406.525		2302.164	RS-700	0.96958754717
1966	9/12/2019 8:26:09		-122.361	37.717	2088936.171	6023407.322		2179.997	RS-700	0.20124069182
1967	9/12/2019 8:26:10		-122.361	37.717	2088935.083	6023408.920		2160.099	RS-700	0.07609465409
1968	9/12/2019 8:26:11		-122.361	37.717	2088933.815	6023410.400		2210.354	RS-700	0.39216245283
1969	9/12/2019 8:26:12		-122.361	37.717	2088930.639	6023412.622		2251.477	RS-700	0.65080018868
1970	9/12/2019 8:26:13		-122.361	37.717	2088929.559	6023413.815		2241.482	RS-700	0.58793591195
1971	9/12/2019 8:26:14		-122.361	37.717	2088930.496	6023414.326		2119.481	RS-700	-0.17936578616
1972	9/12/2019 8:26:15		-122.361	37.717	2088929.556	6023415.783		2201.898	RS-700	0.33897949686
1973	9/12/2019 8:26:16		-122.361	37.717	2088928.398	6023417.264		2295.280	RS-700	0.92629119497
1974	9/12/2019 8:26:17		-122.361	37.717	2088927.241	6023418.659		2249.797	RS-700	0.64023371069
1975	9/12/2019 8:26:18		-122.361	37.717	2088924.134	6023421.056		2265.049	RS-700	0.73615949686
1976	9/12/2019 8:26:19		-122.361	37.717	2088922.790	6023422.736		2327.299	RS-700	1.12766761006
1977	9/12/2019 8:26:20		-122.361	37.717	2088923.097	6023423.755		2256.032	RS-700	0.67944672956
1978	9/12/2019 8:26:21		-122.361	37.717	2088921.538	6023425.257		2279.820	RS-700	0.82905553459
1979	9/12/2019 8:26:22		-122.361	37.717	2088920.266	6023426.939		2181.246	RS-700	0.20909704403
1980	9/12/2019 8:26:23		-122.361	37.717	2088919.217	6023428.422		2154.101	RS-700	0.03837044025
1981	9/12/2019 8:26:24		-122.361	37.717	2088917.984	6023429.960		2182.326	RS-700	0.21588899371
1982	9/12/2019 8:26:25		-122.361	37.717	2088916.825	6023431.499		2249.152	RS-700	0.63617314465
1983	9/12/2019 8:26:26		-122.361	37.717	2088915.484	6023432.977		2301.706	RS-700	0.96670691824
1984	9/12/2019 8:26:27		-122.361	37.717	2088914.289	6023434.486		2165.771	RS-700	0.11176779874
1985	9/12/2019 8:26:28		-122.361	37.717	2088913.131	6023435.939		2309.943	RS-700	1.01851025157
1986	9/12/2019 8:26:29		-122.361	37.717	2088912.121	6023437.307		2272.808	RS-700	0.78495440252
1987	9/12/2019 8:26:30		-122.361	37.717	2088911.220	6023438.649		2168.774	RS-700	0.13065358491
1988	9/12/2019 8:26:31		-122.361	37.717	2088910.135	6023440.074		2240.136	RS-700	0.57947352201
1989	9/12/2019 8:26:32		-122.361	37.717	2088908.942	6023441.497		2180.452	RS-700	0.20410169811
1990	9/12/2019 8:26:33		-122.361	37.717	2088907.821	6023442.921		2219.793	RS-700	0.45152786164
1991	9/12/2019 8:26:34		-122.361	37.717	2088906.771	6023444.433		2226.015	RS-700	0.49065735849
1992	9/12/2019 8:26:35		-122.361	37.717	2088905.687	6023445.830		2195.903	RS-700	0.30127861635
1993	9/12/2019 8:26:36		-122.361	37.717	2088904.455	6023447.367		2303.482	RS-700	0.97787477987
1994	9/12/2019 8:26:37		-122.361	37.717	2088903.259	6023448.877		2224.683	RS-700	0.48228358491
1995	9/12/2019 8:26:38		-122.361	37.717	2088901.920	6023450.268		2274.581	RS-700	0.79610396226
1996	9/12/2019 8:26:39		-122.361	37.717	2088900.799	6023451.692		2195.094	RS-700	0.29619018868
1997	9/12/2019 8:26:40		-122.361	37.717	2088899.570	6023453.085		2209.208	RS-700	0.38495509434
1998	9/12/2019 8:26:41		-122.361	37.717	2088898.595	6023454.483		2188.792	RS-700	0.25655578616
1999	9/12/2019 8:26:42		-122.361	37.717	2088897.731	6023455.826		2296.591	RS-700	0.93453358491
2000	9/12/2019 8:26:43		-122.361	37.717	2088896.831	6023457.139		2219.015	RS-700	0.44663805031
2001	9/12/2019 8:26:44		-122.361	37.717	2088895.930	6023458.481		2125.541	RS-700	-0.14125012579
2002	9/12/2019 8:26:45		-122.361	37.717	2088895.214	6023459.710		2166.975	RS-700	0.11933723270
2003	9/12/2019 8:26:46		-122.361	37.717	2088894.349	6023461.053		2202.146	RS-700	0.34053786164
2004	9/12/2019 8:26:47		-122.361	37.717	2088893.376	6023462.364		2188.342	RS-700	0.25372194969
2005	9/12/2019 8:26:48		-122.361	37.717	2088890.568	6023464.391		2156.557	RS-700	0.05381578616
2006	9/12/2019 8:26:49		-122.361	37.717	2088889.450	6023465.700		2208.343	RS-700	0.37951339623
2007	9/12/2019 8:26:50		-122.361	37.717	2088890.204	6023466.236		2151.445	RS-700	0.02166729560
2008	9/12/2019 8:26:51		-122.361	37.717	2088889.191	6023467.691		2119.655	RS-700	-0.17827339623
2009	9/12/2019 8:26:52		-122.361	37.717	2088888.179	6023469.175		2190.563	RS-700	0.26769132076
2010	9/12/2019 8:26:53		-122.361	37.717	2088887.094	6023470.629		2136.765	RS-700	-0.07065918239
2011	9/12/2019 8:26:54		-122.361	37.717	2088886.010	6023472.025		2263.920	RS-700	0.72905723270
2012	9/12/2019 8:26:55		-122.361	37.717	2088883.200	6023474.110		2224.681	RS-700	0.48227088050

Gamma Scan Survey Results
Survey Unit 4 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
2013	9/12/2019 8:26:56		-122.361	37.717	2088882.154	6023475.449		2332.425	RS-700	1.15990433962
2014	9/12/2019 8:26:57		-122.361	37.717	2088881.071	6023476.816		2206.135	RS-700	0.36563119497
2015	9/12/2019 8:26:58		-122.361	37.717	2088879.952	6023478.125		2214.788	RS-700	0.42005169811
2016	9/12/2019 8:26:59		-122.361	37.717	2088878.869	6023479.463		2178.318	RS-700	0.19067981132
2017	9/12/2019 8:27:00		-122.361	37.717	2088879.588	6023479.940		2141.664	RS-700	-0.03984880503
2018	9/12/2019 8:27:01		-122.361	37.717	2088876.814	6023482.084		2246.264	RS-700	0.61801320755
2019	9/12/2019 8:27:02		-122.361	37.717	2088875.991	6023483.196		2218.463	RS-700	0.44316062893
2020	9/12/2019 8:27:03		-122.361	37.717	2088876.672	6023483.759		2143.554	RS-700	-0.02796150943
2021	9/12/2019 8:27:04		-122.361	37.717	2088875.807	6023485.130		2163.207	RS-700	0.09564088050
2022	9/12/2019 8:27:05		-122.361	37.717	2088874.939	6023486.646		2167.432	RS-700	0.12221157233
2023	9/12/2019 8:27:06		-122.361	37.717	2088873.890	6023488.101		2215.791	RS-700	0.42635672956
2024	9/12/2019 8:27:07		-122.361	37.717	2088872.917	6023489.412		2279.817	RS-700	0.82903553459
2025	9/12/2019 8:27:08		-122.361	37.717	2088870.107	6023491.526		2109.648	RS-700	-0.24120937107
2026	9/12/2019 8:27:09		-122.361	37.717	2088869.025	6023492.865		2159.203	RS-700	0.07045955975
2027	9/12/2019 8:27:10		-122.361	37.717	2088867.760	6023494.199		2185.001	RS-700	0.23271176101
2028	9/12/2019 8:27:11		-122.361	37.717	2088866.571	6023495.391		2155.773	RS-700	0.04888377358
2029	9/12/2019 8:27:12		-122.361	37.717	2088865.456	6023496.526		2087.167	RS-700	-0.38259572327
2030	9/12/2019 8:27:13		-122.361	37.717	2088864.561	6023497.578		2147.192	RS-700	-0.00508044025
2031	9/12/2019 8:27:14		-122.361	37.717	2088864.695	6023498.131		2158.557	RS-700	0.06639899371
2032	9/12/2019 8:27:15		-122.361	37.717	2088864.171	6023498.872		2100.541	RS-700	-0.29848333333
2033	9/12/2019 8:27:16		-122.361	37.717	2088863.755	6023499.616		2111.178	RS-700	-0.23158742138
2034	9/12/2019 8:27:17		-122.361	37.717	2088863.640	6023499.903		2147.082	RS-700	-0.00577647799
2035	9/12/2019 8:27:18		-122.361	37.717	2088864.052	6023499.333		2171.448	RS-700	0.14747383648
2036	9/12/2019 8:27:19		-122.361	37.717	2088864.545	6023498.359		2068.641	RS-700	-0.49911327044
2037	9/12/2019 8:27:20		-122.361	37.717	2088864.506	6023498.474		2189.781	RS-700	0.26277188679
2038	9/12/2019 8:27:21		-122.361	37.717	2088864.020	6023499.101		2110.966	RS-700	-0.23291515723
2039	9/12/2019 8:27:22		-122.361	37.717	2088863.492	6023500.016		2014.121	RS-700	-0.84200886793
2040	9/12/2019 8:27:23		-122.361	37.717	2088863.447	6023500.478		2161.885	RS-700	0.08732811321
2041	9/12/2019 8:27:24		-122.361	37.717	2088863.459	6023499.842		2153.108	RS-700	0.03212867925
2042	9/12/2019 8:27:25		-122.361	37.717	2088863.531	6023498.079		2122.657	RS-700	-0.15938773585
2043	9/12/2019 8:27:26		-122.361	37.717	2088863.675	6023496.346		2146.192	RS-700	-0.01137138365
2044	9/12/2019 8:27:27		-122.361	37.717	2088863.634	6023496.576		2161.010	RS-700	0.08182232704
2045	9/12/2019 8:27:28		-122.361	37.717	2088863.433	6023497.498		2064.533	RS-700	-0.52494905660
2046	9/12/2019 8:27:29		-122.361	37.717	2088863.549	6023498.976		2119.648	RS-700	-0.17831226415
2047	9/12/2019 8:27:30		-122.361	37.717	2088864.070	6023500.259		2106.753	RS-700	-0.25941459120
2048	9/12/2019 8:27:31		-122.361	37.717	2088864.994	6023501.406		2130.435	RS-700	-0.11047421384
2049	9/12/2019 8:27:32		-122.361	37.717	2088866.069	6023502.295		2040.642	RS-700	-0.67520710692
2050	9/12/2019 8:27:33		-122.361	37.717	2088866.965	6023503.036		2105.230	RS-700	-0.26899383648
2051	9/12/2019 8:27:34		-122.361	37.717	2088867.568	6023503.829		2069.222	RS-700	-0.49546194969
2052	9/12/2019 8:27:35		-122.361	37.717	2088868.068	6023504.331		2093.339	RS-700	-0.34377955975
2053	9/12/2019 8:27:36		-122.361	37.717	2088867.093	6023503.935		2094.372	RS-700	-0.33728144654
2054	9/12/2019 8:27:37		-122.361	37.717	2088865.823	6023503.679		1847.803	RS-700	-1.88802842767
2055	9/12/2019 8:27:38		-122.361	37.717	2088864.364	6023503.794		1755.628	RS-700	-2.46774679245
2056	9/12/2019 8:27:39		-122.361	37.717	2088863.962	6023503.873		1886.710	RS-700	-1.64333547170
2057	9/12/2019 8:27:40		-122.361	37.717	2088864.874	6023503.805		1931.084	RS-700	-1.36424974843
2058	9/12/2019 8:27:41		-122.361	37.717	2088865.746	6023503.909		2032.830	RS-700	-0.72433691824
2059	9/12/2019 8:27:42		-122.361	37.717	2088866.658	6023503.811		2167.773	RS-700	0.12435735849
2060	9/12/2019 8:27:43		-122.361	37.717	2088867.757	6023503.486		2185.434	RS-700	0.23543647799
2061	9/12/2019 8:27:44		-122.361	37.717	2088867.424	6023503.740		2086.329	RS-700	-0.38787088050
2062	9/12/2019 8:27:45		-122.361	37.717	2088866.458	6023504.733		1708.183	RS-700	-2.76614176101
2063	9/12/2019 8:27:46		-122.361	37.717	2088865.592	6023506.162		1949.788	RS-700	-1.24661767296
2064	9/12/2019 8:27:47		-122.361	37.717	2088865.518	6023506.219		1694.717	RS-700	-2.85083817610
2065	9/12/2019 8:27:48		-122.361	37.717	2088866.300	6023505.337		1850.459	RS-700	-1.87132591195
2066	9/12/2019 8:27:49		-122.361	37.717	2088866.750	6023504.710		2037.211	RS-700	-0.69678716981
2067	9/12/2019 8:27:50		-122.361	37.717	2088867.201	6023503.995		2125.853	RS-700	-0.13929069182
2068	9/12/2019 8:27:51		-122.361	37.717	2088867.550	6023502.903		2180.136	RS-700	0.20211062893
2069	9/12/2019 8:27:52		-122.361	37.717	2088867.718	6023501.778		2200.792	RS-700	0.33202396226
2070	9/12/2019 8:27:53		-122.361	37.717	2088867.816	6023500.507		2044.631	RS-700	-0.65011761006
2071	9/12/2019 8:27:54		-122.361	37.717	2088868.029	6023498.978		2126.439	RS-700	-0.13560213837
2072	9/12/2019 8:27:55		-122.361	37.717	2088868.167	6023497.534		2143.763	RS-700	-0.02664603774
2073	9/12/2019 8:27:56		-122.361	37.717	2088868.266	6023496.234		2301.050	RS-700	0.96257993711

Gamma Scan Survey Results
Survey Unit 4 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
2074	9/12/2019 8:27:57		-122.361	37.717	2088868.539	6023495.314		2132.550	RS-700	-0.09716924528
2075	9/12/2019 8:27:58		-122.361	37.717	2088868.199	6023495.915		2125.822	RS-700	-0.13948201258
2076	9/12/2019 8:27:59		-122.361	37.717	2088867.227	6023497.197		2210.231	RS-700	0.39139000000
2077	9/12/2019 8:28:00		-122.361	37.717	2088865.930	6023498.300		2101.755	RS-700	-0.29084635220
2078	9/12/2019 8:28:01		-122.361	37.717	2088864.998	6023499.381		2092.063	RS-700	-0.35180238994
2079	9/12/2019 8:28:02		-122.361	37.717	2088864.511	6023500.094		2149.306	RS-700	0.00821081761
2080	9/12/2019 8:28:03		-122.361	37.717	2088864.137	6023500.550		2098.962	RS-700	-0.30841522013
2081	9/12/2019 8:28:04		-122.361	37.717	2088864.249	6023500.436		2206.895	RS-700	0.37040773585
2082	9/12/2019 8:28:05		-122.361	37.717	2088864.249	6023500.407		2141.660	RS-700	-0.03987283019
2083	9/12/2019 8:28:06		-122.361	37.717	2088864.623	6023499.952		2203.111	RS-700	0.34660742138
2084	9/12/2019 8:28:07		-122.361	37.717	2088865.330	6023499.185		2096.645	RS-700	-0.32298452830
2085	9/12/2019 8:28:08		-122.361	37.717	2088866.153	6023498.102		2149.763	RS-700	0.01108679245
2086	9/12/2019 8:28:09		-122.361	37.717	2088866.868	6023496.901		2175.669	RS-700	0.17402138365
2087	9/12/2019 8:28:10		-122.361	37.717	2088867.655	6023495.788		2215.683	RS-700	0.42567880503
2088	9/12/2019 8:28:11		-122.361	37.717	2088868.516	6023494.648		2195.782	RS-700	0.30051817610
2089	9/12/2019 8:28:12		-122.361	37.717	2088869.485	6023493.539		2304.169	RS-700	0.98219188679
2090	9/12/2019 8:28:13		-122.361	37.717	2088870.526	6023492.432		2209.568	RS-700	0.38722169811
2091	9/12/2019 8:28:14		-122.361	37.717	2088871.537	6023491.063		2243.579	RS-700	0.60112874214
2092	9/12/2019 8:28:15		-122.361	37.717	2088872.438	6023489.692		2110.861	RS-700	-0.23357874214
2093	9/12/2019 8:28:16		-122.361	37.717	2088873.375	6023488.380		2159.773	RS-700	0.07404691824
2094	9/12/2019 8:28:17		-122.361	37.717	2088874.491	6023487.216		2188.676	RS-700	0.25582528302
2095	9/12/2019 8:28:18		-122.361	37.717	2088875.643	6023486.053		2246.961	RS-700	0.62239716981
2096	9/12/2019 8:28:19		-122.361	37.717	2088876.578	6023484.799		2221.795	RS-700	0.46412150943
2097	9/12/2019 8:28:20		-122.361	37.717	2088877.401	6023483.687		2199.555	RS-700	0.32424610063
2098	9/12/2019 8:28:21		-122.361	37.717	2088878.227	6023482.459		2221.904	RS-700	0.46480226415
2099	9/12/2019 8:28:22		-122.361	37.717	2088879.052	6023481.260		2228.136	RS-700	0.50399786164
2100	9/12/2019 8:28:23		-122.361	37.717	2088880.135	6023479.922		2209.571	RS-700	0.38724018868
2101	9/12/2019 8:28:24		-122.361	37.717	2088881.290	6023478.585		2368.706	RS-700	1.38808918239
2102	9/12/2019 8:28:25		-122.361	37.717	2088882.263	6023477.303		2269.383	RS-700	0.76341490566
2103	9/12/2019 8:28:26		-122.361	37.717	2088883.310	6023475.935		2287.932	RS-700	0.88007477987
2104	9/12/2019 8:28:27		-122.361	37.717	2088884.358	6023474.509		2183.220	RS-700	0.22150754717
2105	9/12/2019 8:28:28		-122.361	37.717	2088885.481	6023472.969		2220.358	RS-700	0.45508232704
2106	9/12/2019 8:28:29		-122.361	37.717	2088886.678	6023471.373		2245.916	RS-700	0.61582408805
2107	9/12/2019 8:28:30		-122.361	37.717	2088887.876	6023469.748		2261.923	RS-700	0.71649446541
2108	9/12/2019 8:28:31		-122.361	37.717	2088888.960	6023468.323		2238.798	RS-700	0.57105635220
2109	9/12/2019 8:28:32		-122.361	37.717	2088890.115	6023467.015		2132.338	RS-700	-0.09850113208
2110	9/12/2019 8:28:33		-122.361	37.717	2088891.199	6023465.648		2090.586	RS-700	-0.36109484277
2111	9/12/2019 8:28:34		-122.361	37.717	2088892.250	6023464.078		2238.590	RS-700	0.56974823899
2112	9/12/2019 8:28:35		-122.361	37.717	2088893.301	6023462.479		2096.369	RS-700	-0.32472320755
2113	9/12/2019 8:28:36		-122.361	37.717	2088894.241	6023461.022		2093.632	RS-700	-0.34193415094
2114	9/12/2019 8:28:37		-122.361	37.717	2088895.215	6023459.624		2189.893	RS-700	0.26347792453
2115	9/12/2019 8:28:38		-122.361	37.717	2088896.404	6023458.432		2146.768	RS-700	-0.00774987421
2116	9/12/2019 8:28:39		-122.361	37.717	2088897.413	6023457.150		2228.269	RS-700	0.50483855346
2117	9/12/2019 8:28:40		-122.361	37.717	2088898.420	6023455.984		2106.743	RS-700	-0.25947572327
2118	9/12/2019 8:28:41		-122.361	37.717	2088899.281	6023454.815		2239.002	RS-700	0.57233930818
2119	9/12/2019 8:28:42		-122.361	37.717	2088900.285	6023453.736		2242.255	RS-700	0.59279849057
2120	9/12/2019 8:28:43		-122.361	37.717	2088901.403	6023452.485		2204.462	RS-700	0.35511000000
2121	9/12/2019 8:28:44		-122.361	37.717	2088902.558	6023451.148		2231.686	RS-700	0.52632849057
2122	9/12/2019 8:28:45		-122.361	37.717	2088903.861	6023449.728		2200.227	RS-700	0.32847012579
2123	9/12/2019 8:28:46		-122.361	37.717	2088904.836	6023448.330		2231.246	RS-700	0.52356176101
2124	9/12/2019 8:28:47		-122.361	37.717	2088905.776	6023446.844		2317.767	RS-700	1.06771849057
2125	9/12/2019 8:28:48		-122.361	37.717	2088906.715	6023445.416		2211.340	RS-700	0.39836754717
2126	9/12/2019 8:28:49		-122.361	37.717	2088907.728	6023443.903		2196.229	RS-700	0.30332597484
2127	9/12/2019 8:28:50		-122.361	37.717	2088908.742	6023442.390		2147.877	RS-700	-0.00077327044
2128	9/12/2019 8:28:51		-122.361	37.717	2088909.719	6023440.847		2242.696	RS-700	0.59557006289
2129	9/12/2019 8:28:52		-122.361	37.717	2088910.658	6023439.448		2259.029	RS-700	0.69829270440
2130	9/12/2019 8:28:53		-122.361	37.717	2088911.666	6023438.166		2164.125	RS-700	0.10141635220
2131	9/12/2019 8:28:54		-122.361	37.717	2088912.783	6023436.973		2229.019	RS-700	0.50955578616
2132	9/12/2019 8:28:55		-122.361	37.717	2088913.905	6023435.491		2197.906	RS-700	0.31387169811
2133	9/12/2019 8:28:56		-122.361	37.717	2088915.030	6023433.836		2220.221	RS-700	0.45421880503
2134	9/12/2019 8:28:57		-122.361	37.717	2088916.264	6023432.240		2174.886	RS-700	0.16909496855

Gamma Scan Survey Results
Survey Unit 4 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
2135	9/12/2019 8:28:58		-122.361	37.717	2088917.644	6023430.618		2126.078	RS-700	-0.13787226415
2136	9/12/2019 8:28:59		-122.361	37.717	2088918.768	6023428.992		2163.306	RS-700	0.09626465409
2137	9/12/2019 8:29:00		-122.361	37.717	2088920.039	6023427.368		2241.811	RS-700	0.59000465409
2138	9/12/2019 8:29:01		-122.361	37.717	2088921.380	6023425.861		2258.587	RS-700	0.69551616352
2139	9/12/2019 8:29:02		-122.361	37.717	2088922.722	6023424.297		2303.712	RS-700	0.97931962264
2140	9/12/2019 8:29:03		-122.361	37.717	2088924.134	6023422.878		2267.926	RS-700	0.75425132076
2141	9/12/2019 8:29:04		-122.361	37.717	2088925.331	6023421.311		2218.795	RS-700	0.44525427673
2142	9/12/2019 8:29:05		-122.361	37.717	2088926.601	6023419.716		2292.825	RS-700	0.91084930818
2143	9/12/2019 8:29:06		-122.361	37.717	2088927.758	6023418.322		2295.150	RS-700	0.92547415094
2144	9/12/2019 8:29:07		-122.361	37.717	2088928.843	6023416.868		2098.752	RS-700	-0.30973691824
2145	9/12/2019 8:29:08		-122.361	37.717	2088930.001	6023415.415		2155.309	RS-700	0.04597144654
2146	9/12/2019 8:29:09		-122.361	37.717	2088931.049	6023413.990		2248.799	RS-700	0.63395886793
2147	9/12/2019 8:29:10		-122.361	37.717	2088932.244	6023412.480		2168.557	RS-700	0.12929069182
2148	9/12/2019 8:29:11		-122.361	37.717	2088933.364	6023411.085		2302.809	RS-700	0.97364000000
2149	9/12/2019 8:29:12		-122.361	37.717	2088934.525	6023409.517		2161.855	RS-700	0.08713591195
2150	9/12/2019 8:29:13		-122.361	37.717	2088935.718	6023408.123		2175.338	RS-700	0.17193798742
2151	9/12/2019 8:29:14		-122.361	37.717	2088937.164	6023406.821		2223.683	RS-700	0.47599459120
2152	9/12/2019 8:29:15		-122.361	37.717	2088938.468	6023405.342		2181.673	RS-700	0.21178088050
2153	9/12/2019 8:29:16		-122.361	37.717	2088939.698	6023403.920		1923.310	RS-700	-1.41314289308
2154	9/12/2019 8:29:17		-122.361	37.717	2088940.779	6023402.698		1437.522	RS-700	-4.46841433962
2155	9/12/2019 8:29:18		-122.361	37.717	2088941.749	6023401.531		1244.259	RS-700	-5.68390660377
2156	9/12/2019 8:29:19		-122.361	37.717	2088942.381	6023400.878		1260.461	RS-700	-5.58200817610
2157	9/12/2019 8:29:20		-122.361	37.717	2088943.017	6023400.023		1269.328	RS-700	-5.52623874214
2158	9/12/2019 8:29:21		-122.361	37.717	2088943.912	6023398.941		1501.474	RS-700	-4.06620433962
2159	9/12/2019 8:29:22		-122.361	37.717	2088945.033	6023397.517		1960.703	RS-700	-1.17797050314
2160	9/12/2019 8:29:23		-122.361	37.717	2088946.303	6023395.951		2219.460	RS-700	0.44943182390
2161	9/12/2019 8:29:24		-122.361	37.717	2088947.718	6023394.388		2253.919	RS-700	0.66615597484
2162	9/12/2019 8:29:25		-122.361	37.717	2088949.207	6023392.740		2226.576	RS-700	0.49419062893
2163	9/12/2019 8:29:26		-122.361	37.717	2088950.589	6023391.003		2192.668	RS-700	0.28093169811
2164	9/12/2019 8:29:27		-122.361	37.717	2088951.899	6023389.235		2095.543	RS-700	-0.32991578616
2165	9/12/2019 8:29:28		-122.361	37.717	2088953.247	6023387.381		2181.439	RS-700	0.21031006289
2166	9/12/2019 8:29:29		-122.361	37.717	2088954.595	6023385.557		2159.305	RS-700	0.07110000000
2167	9/12/2019 8:29:30		-122.361	37.717	2088955.904	6023383.789		2185.561	RS-700	0.23623289308
2168	9/12/2019 8:29:31		-122.361	37.717	2088956.995	6023382.075		2101.647	RS-700	-0.29152792453
2169	9/12/2019 8:29:32		-122.361	37.717	2088958.080	6023380.592		2122.653	RS-700	-0.15941257862
2170	9/12/2019 8:29:33		-122.361	37.717	2088959.311	6023379.112		2117.860	RS-700	-0.18956283019
2171	9/12/2019 8:29:34		-122.361	37.717	2088960.691	6023377.491		2156.198	RS-700	0.05155993711
2172	9/12/2019 8:29:35		-122.361	37.717	2088962.000	6023375.781		2126.658	RS-700	-0.13422591195
2173	9/12/2019 8:29:36		-122.361	37.717	2088963.273	6023374.041		2140.766	RS-700	-0.04549767296
2174	9/12/2019 8:29:37		-122.361	37.717	2088964.582	6023372.303		2337.487	RS-700	1.19173974843
2175	9/12/2019 8:29:38		-122.361	37.717	2088965.816	6023370.707		2254.584	RS-700	0.67034025157
2176	9/12/2019 8:29:39		-122.361	37.717	2088966.978	6023369.023		2193.675	RS-700	0.28726408805
2177	9/12/2019 8:29:40		-122.361	37.717	2088968.068	6023367.309		2172.768	RS-700	0.15577591195
2178	9/12/2019 8:29:41		-122.361	37.717	2088969.122	6023365.594		2291.949	RS-700	0.90534176101
2179	9/12/2019 8:29:42		-122.361	37.717	2088970.246	6023364.025		2179.998	RS-700	0.20124383648
2180	9/12/2019 8:29:43		-122.361	37.717	2088971.481	6023362.343		2149.207	RS-700	0.00759226415
2181	9/12/2019 8:29:44		-122.361	37.717	2088972.717	6023360.632		2147.764	RS-700	-0.00148710692
2182	9/12/2019 8:29:45		-122.361	37.717	2088973.953	6023358.921		2236.798	RS-700	0.55847704403
2183	9/12/2019 8:29:46		-122.361	37.717	2088975.440	6023357.388		2225.574	RS-700	0.48788377359
2184	9/12/2019 8:29:47		-122.361	37.717	2088976.964	6023355.827		2141.446	RS-700	-0.04122025157
2185	9/12/2019 8:29:48		-122.361	37.717	2088978.305	6023354.321		2184.784	RS-700	0.23134559748
2186	9/12/2019 8:29:49		-122.361	37.717	2088979.722	6023352.700		2188.441	RS-700	0.25434547170
2187	9/12/2019 8:29:50		-122.361	37.717	2088981.101	6023351.078		2165.843	RS-700	0.11222132076
2188	9/12/2019 8:29:51		-122.361	37.717	2088982.518	6023349.457		2130.405	RS-700	-0.11066056604
2189	9/12/2019 8:29:52		-122.361	37.717	2088983.790	6023347.747		2118.289	RS-700	-0.18686000000
2190	9/12/2019 8:29:53		-122.361	37.717	2088985.167	6023346.270		2208.573	RS-700	0.38096371069
2191	9/12/2019 8:29:54		-122.361	37.717	2088986.469	6023344.878		2193.552	RS-700	0.28648974843
2192	9/12/2019 8:29:55		-122.361	37.717	2088987.770	6023343.544		2201.341	RS-700	0.33547591195
2193	9/12/2019 8:29:56		-122.361	37.717	2088989.036	6023342.152		2251.467	RS-700	0.65073867925
2194	9/12/2019 8:29:57		-122.361	37.717	2088990.341	6023340.644		2208.787	RS-700	0.38231037736
2195	9/12/2019 8:29:58		-122.361	37.717	2088991.647	6023339.050		2160.558	RS-700	0.07897949686

Gamma Scan Survey Results
Survey Unit 4 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
2196	9/12/2019 8:29:59		-122.361	37.717	2088992.990	6023337.457		2129.750	RS-700	-0.11477924528
2197	9/12/2019 8:30:00		-122.361	37.717	2088994.549	6023335.955		2174.779	RS-700	0.16842377359
2198	9/12/2019 8:30:01		-122.361	37.717	2088996.072	6023334.452		2189.217	RS-700	0.25922597484
2199	9/12/2019 8:30:02		-122.361	37.717	2088997.307	6023332.798		2207.017	RS-700	0.37117578616
2200	9/12/2019 8:30:03		-122.361	37.717	2088998.397	6023331.113		2086.435	RS-700	-0.38719930818
2201	9/12/2019 8:30:04		-122.361	37.717	2088999.561	6023329.371		2150.078	RS-700	0.01307031447
2202	9/12/2019 8:30:05		-122.361	37.717	2089000.903	6023327.778		2173.887	RS-700	0.16281182390
2203	9/12/2019 8:30:06		-122.361	37.717	2089002.393	6023326.130		2177.889	RS-700	0.18797861635
2204	9/12/2019 8:30:07		-122.361	37.717	2089003.775	6023324.392		2147.662	RS-700	-0.00212522013
2205	9/12/2019 8:30:08		-122.361	37.717	2089005.195	6023322.569		2136.297	RS-700	-0.07360169811
2206	9/12/2019 8:30:09		-122.361	37.717	2089006.507	6023320.715		2179.993	RS-700	0.20121176101
2207	9/12/2019 8:30:10		-122.361	37.717	2089007.927	6023318.891		2101.753	RS-700	-0.29086276730
2208	9/12/2019 8:30:11		-122.361	37.717	2089009.345	6023317.184		2072.735	RS-700	-0.47336364780
2209	9/12/2019 8:30:12		-122.361	37.717	2089010.726	6023315.504		2156.094	RS-700	0.05090383648
2210	9/12/2019 8:30:13		-122.361	37.717	2089012.107	6023313.825		2126.655	RS-700	-0.13424471698
2211	9/12/2019 8:30:14		-122.361	37.717	2089013.526	6023312.031		2053.426	RS-700	-0.59480798742
2212	9/12/2019 8:30:15		-122.361	37.717	2089014.762	6023310.319		2060.844	RS-700	-0.54814855346
2213	9/12/2019 8:30:16		-122.361	37.717	2089015.923	6023308.693		2088.852	RS-700	-0.37199811321
2214	9/12/2019 8:30:17		-122.361	37.717	2089017.120	6023307.126		2048.732	RS-700	-0.62432798742
2215	9/12/2019 8:30:18		-122.361	37.717	2089018.460	6023305.648		2148.874	RS-700	0.00549798742
2216	9/12/2019 8:30:19		-122.361	37.717	2089019.875	6023304.114		2058.422	RS-700	-0.56338283019
2217	9/12/2019 8:30:20		-122.361	37.717	2089021.439	6023302.381		2061.321	RS-700	-0.54515201258
2218	9/12/2019 8:30:21		-122.361	37.717	2089023.040	6023300.619		2096.189	RS-700	-0.32585742138
2219	9/12/2019 8:30:22		-122.361	37.717	2089024.497	6023298.796		2120.083	RS-700	-0.17557861635
2220	9/12/2019 8:30:23		-122.361	37.717	2089025.808	6023296.942		2167.216	RS-700	0.12085465409
2221	9/12/2019 8:30:24		-122.361	37.717	2089027.302	6023295.091		2113.966	RS-700	-0.21405289308
2222	9/12/2019 8:30:25		-122.361	37.717	2089028.758	6023293.298		2145.344	RS-700	-0.01670408805
2223	9/12/2019 8:30:26		-122.361	37.717	2089030.068	6023291.530		2033.024	RS-700	-0.72312194969
2224	9/12/2019 8:30:27		-122.361	37.717	2089031.122	6023289.786		2107.428	RS-700	-0.25517213837
2225	9/12/2019 8:30:28		-122.361	37.717	2089032.064	6023288.185		2038.630	RS-700	-0.68786257862
2226	9/12/2019 8:30:29		-122.361	37.717	2089032.937	6023286.408		2090.857	RS-700	-0.35939025157
2227	9/12/2019 8:30:30		-122.361	37.717	2089033.736	6023284.689		2035.240	RS-700	-0.70918245283
2228	9/12/2019 8:30:31		-122.361	37.717	2089034.828	6023282.917		2048.937	RS-700	-0.62303742138
2229	9/12/2019 8:30:32		-122.361	37.717	2089035.988	6023281.320		2134.762	RS-700	-0.08325874214
2230	9/12/2019 8:30:33		-122.361	37.717	2089037.078	6023279.634		2126.318	RS-700	-0.13636169811
2231	9/12/2019 8:30:34		-122.361	37.717	2089038.165	6023278.094		2069.258	RS-700	-0.49523188679
2232	9/12/2019 8:30:35		-122.361	37.717	2089039.436	6023276.441		2201.897	RS-700	0.33897610063
2233	9/12/2019 8:30:36		-122.361	37.717	2089040.816	6023274.791		2188.439	RS-700	0.25433238994
2234	9/12/2019 8:30:37		-122.361	37.717	2089041.867	6023273.249		2230.687	RS-700	0.52004238994
2235	9/12/2019 8:30:38		-122.361	37.717	2089042.503	6023272.394		2227.685	RS-700	0.50116314465
2236	9/12/2019 8:30:39		-122.361	37.717	2089042.540	6023272.337		2116.862	RS-700	-0.19583396226
2237	9/12/2019 8:30:40		-122.361	37.717	2089042.951	6023271.824		2263.813	RS-700	0.72838050315
2238	9/12/2019 8:30:41		-122.362	37.717	2089043.370	6023270.907		2227.901	RS-700	0.50252169811
2239	9/12/2019 8:30:42		-122.362	37.717	2089043.638	6023270.247		2183.220	RS-700	0.22150628931
2240	9/12/2019 8:30:43		-122.362	37.717	2089043.714	6023270.104		2200.786	RS-700	0.33198540881
2241	9/12/2019 8:30:44		-122.362	37.717	2089044.394	6023268.873		2183.773	RS-700	0.22498679245
2242	9/12/2019 8:30:45		-122.362	37.717	2089045.183	6023267.674		2166.100	RS-700	0.11383679245
2243	9/12/2019 8:30:46		-122.362	37.717	2089046.043	6023266.534		2153.200	RS-700	0.03270194969
2244	9/12/2019 8:30:47		-122.362	37.717	2089047.050	6023265.339		2131.870	RS-700	-0.10144911950
2245	9/12/2019 8:30:48		-122.362	37.717	2089048.091	6023264.289		2164.302	RS-700	0.10253018868
2246	9/12/2019 8:30:49		-122.362	37.717	2089049.277	6023263.242		2260.811	RS-700	0.70950534591
2247	9/12/2019 8:30:50		-122.362	37.717	2089050.499	6023262.225		1836.023	RS-700	-1.96211968553
2248	9/12/2019 8:30:51		-122.362	37.717	2089051.361	6023260.998		1227.443	RS-700	-5.78966786164
2249	9/12/2019 8:30:52		-122.362	37.717	2089052.368	6023259.803		1081.264	RS-700	-6.70902993711
2250	9/12/2019 8:30:53		-122.362	37.717	2089053.520	6023258.669		1112.343	RS-700	-6.51356314465
2251	9/12/2019 8:30:54		-122.362	37.717	2089054.638	6023257.389		1622.824	RS-700	-3.30299566038
2252	9/12/2019 8:30:55		-122.362	37.717	2089055.832	6023255.937		2030.827	RS-700	-0.73693836478
2253	9/12/2019 8:30:56		-122.362	37.717	2089057.031	6023254.254		2103.752	RS-700	-0.27829188679
2254	9/12/2019 8:30:57		-122.362	37.717	2089058.196	6023252.426		2233.804	RS-700	0.53965000000
2255	9/12/2019 8:30:58		-122.362	37.717	2089059.359	6023250.742		2169.336	RS-700	0.13418943396
2256	9/12/2019 8:30:59		-122.362	37.717	2089060.482	6023249.202		2179.099	RS-700	0.19559163522

Gamma Scan Survey Results
Survey Unit 4 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
2257	9/12/2019 8:31:00		-122.362	37.717	2089061.641	6023247.663		2158.977	RS-700	0.06903974843
2258	9/12/2019 8:31:01		-122.362	37.717	2089062.766	6023246.066		2232.799	RS-700	0.53332566038
2259	9/12/2019 8:31:02		-122.362	37.717	2089063.925	6023244.526		2221.239	RS-700	0.46061955975
2260	9/12/2019 8:31:03		-122.362	37.717	2089065.269	6023242.875		2174.566	RS-700	0.16708113208
2261	9/12/2019 8:31:04		-122.362	37.717	2089066.502	6023241.337		2219.015	RS-700	0.44663383648
2262	9/12/2019 8:31:05		-122.362	37.717	2089067.663	6023239.712		2071.788	RS-700	-0.47931830189
2263	9/12/2019 8:31:06		-122.362	37.717	2089068.640	6023238.227		2144.877	RS-700	-0.01964371069
2264	9/12/2019 8:31:07		-122.362	37.717	2089069.658	6023236.453		2231.556	RS-700	0.52550899371
2265	9/12/2019 8:31:08		-122.362	37.717	2089070.854	6023234.944		2197.225	RS-700	0.30959150943
2266	9/12/2019 8:31:09		-122.362	37.717	2089072.123	6023233.378		2133.513	RS-700	-0.09111490566
2267	9/12/2019 8:31:10		-122.362	37.717	2089073.355	6023231.840		2198.115	RS-700	0.31518698113
2268	9/12/2019 8:31:11		-122.362	37.717	2089074.514	6023230.359		2272.698	RS-700	0.78426490566
2269	9/12/2019 8:31:12		-122.362	37.717	2089075.561	6023228.962		2338.830	RS-700	1.20018874214
2270	9/12/2019 8:31:13		-122.362	37.718	2089076.569	6023227.738		2360.312	RS-700	1.33529402516
2271	9/12/2019 8:31:14		-122.362	37.718	2089077.361	6023226.365		2692.229	RS-700	1.45521747801
2272	9/12/2019 8:31:15		-122.362	37.718	2089078.034	6023225.482		2768.271	RS-700	1.67821489736
2273	9/12/2019 8:31:16		-122.362	37.718	2089078.598	6023224.596		2690.889	RS-700	1.45128706745
2274	9/12/2019 8:31:17		-122.362	37.718	2089079.419	6023223.629		2460.247	RS-700	0.77491686217
2275	9/12/2019 8:31:18		-122.362	37.718	2089080.350	6023222.577		1965.804	RS-700	-0.67506043988
2276	9/12/2019 8:31:19		-122.362	37.718	2089080.800	6023221.920		1859.480	RS-700	-0.98686175953
2277	9/12/2019 8:31:20		-122.362	37.718	2089081.361	6023221.208		1624.591	RS-700	-1.67568739003
2278	9/12/2019 8:31:21		-122.362	37.718	2089081.808	6023220.696		1493.456	RS-700	-2.06024560117
2279	9/12/2019 8:31:22		-122.362	37.718	2089082.555	6023219.728		1775.551	RS-700	-1.23298870968
2280	9/12/2019 8:31:23		-122.362	37.718	2089083.302	6023218.817		2100.648	RS-700	-0.27962504399
2281	9/12/2019 8:31:24		-122.362	37.718	2089083.981	6023217.615		2545.791	RS-700	1.02577970674
2282	9/12/2019 8:31:25		-122.362	37.718	2089085.320	6023216.224		2417.474	RS-700	0.64948489736
2283	9/12/2019 8:31:26		-122.362	37.718	2089086.882	6023214.577		2142.627	RS-700	-0.15651941349
2284	9/12/2019 8:31:27		-122.362	37.718	2089087.761	6023212.512		2215.352	RS-700	0.05674950147
2285	9/12/2019 8:31:28		-122.362	37.718	2089088.780	6023210.710		2230.896	RS-700	0.10233313783
2286	9/12/2019 8:31:29		-122.362	37.718	2089090.194	6023209.204		2176.758	RS-700	0.18086716981
2287	9/12/2019 8:31:30		-122.362	37.718	2089091.428	6023207.580		2198.224	RS-700	0.31587220126
2288	9/12/2019 8:31:31		-122.362	37.718	2089092.483	6023205.836		2208.897	RS-700	0.38299987421
2289	9/12/2019 8:31:32		-122.362	37.718	2089093.648	6023204.008		2208.680	RS-700	0.38163578616
2290	9/12/2019 8:31:33		-122.362	37.718	2089094.697	6023202.524		2269.041	RS-700	0.76126220126
2291	9/12/2019 8:31:34		-122.362	37.718	2089095.856	6023201.014		2175.564	RS-700	0.17336125786
2292	9/12/2019 8:31:35		-122.362	37.718	2089096.942	6023199.560		2144.769	RS-700	-0.02031918239
2293	9/12/2019 8:31:36		-122.362	37.718	2089098.064	6023198.078		2157.341	RS-700	0.05874723270
2294	9/12/2019 8:31:37		-122.362	37.718	2089099.078	6023196.536		2177.778	RS-700	0.18728371069
2295	9/12/2019 8:31:38		-122.362	37.718	2089100.021	6023194.906		2225.349	RS-700	0.48647176101
2296	9/12/2019 8:31:39		-122.362	37.718	2089101.112	6023193.105		2229.138	RS-700	0.51030308176
2297	9/12/2019 8:31:40		-122.362	37.718	2089102.347	6023191.481		2151.660	RS-700	0.02301880503
2298	9/12/2019 8:31:41		-122.362	37.718	2089103.542	6023190.000		2114.653	RS-700	-0.20973094340
2299	9/12/2019 8:31:42		-122.362	37.718	2089104.629	6023188.402		2249.271	RS-700	0.63692528302
2300	9/12/2019 8:31:43		-122.362	37.718	2089105.535	6023186.828		2191.441	RS-700	0.27321534591
2301	9/12/2019 8:31:44		-122.362	37.718	2089106.334	6023185.080		2261.806	RS-700	0.71576037736
2302	9/12/2019 8:31:45		-122.362	37.718	2089107.425	6023183.337		2191.349	RS-700	0.27263308176
2303	9/12/2019 8:31:46		-122.362	37.718	2089108.770	6023181.627		2265.814	RS-700	0.74096641509
2304	9/12/2019 8:31:47		-122.362	37.718	2089110.187	6023179.978		2280.586	RS-700	0.83387320755
2305	9/12/2019 8:31:48		-122.362	37.718	2089111.711	6023178.417		2244.363	RS-700	0.60605679245
2306	9/12/2019 8:31:49		-122.362	37.718	2089113.202	6023176.711		2175.105	RS-700	0.17046880503
2307	9/12/2019 8:31:50		-122.362	37.718	2089114.401	6023174.999		2191.342	RS-700	0.27258886793
2308	9/12/2019 8:31:51		-122.362	37.718	2089115.744	6023173.405		2245.811	RS-700	0.61516056604
2309	9/12/2019 8:31:52		-122.362	37.718	2089117.015	6023171.753		2235.687	RS-700	0.55149276730
2310	9/12/2019 8:31:53		-122.362	37.718	2089118.215	6023170.012		2273.055	RS-700	0.78650823899
2311	9/12/2019 8:31:54		-122.362	37.718	2089119.563	6023168.158		2237.120	RS-700	0.56050597484
2312	9/12/2019 8:31:55		-122.362	37.718	2089120.729	6023166.301		2199.673	RS-700	0.32498710692
2313	9/12/2019 8:31:56		-122.362	37.718	2089122.074	6023164.621		2231.685	RS-700	0.52631893082
2314	9/12/2019 8:31:57		-122.362	37.718	2089123.272	6023162.996		2242.138	RS-700	0.59206490566
2315	9/12/2019 8:31:58		-122.362	37.718	2089124.360	6023161.397		2326.360	RS-700	1.12176201258
2316	9/12/2019 8:31:59		-122.362	37.718	2089125.450	6023159.654		2177.339	RS-700	0.18452094340
2317	9/12/2019 8:32:00		-122.362	37.718	2089126.723	6023157.915		2274.296	RS-700	0.79431559748

Gamma Scan Survey Results
Survey Unit 4 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
2318	9/12/2019 8:32:01		-122.362	37.718	2089128.174	6023156.381		2271.584	RS-700	0.77725981132
2319	9/12/2019 8:32:02		-122.362	37.718	2089129.661	6023154.878		2267.470	RS-700	0.75138591195
2320	9/12/2019 8:32:03		-122.362	37.718	2089131.037	6023153.430		2278.596	RS-700	0.82135830189
2321	9/12/2019 8:32:04		-122.362	37.718	2089132.415	6023151.924		2276.701	RS-700	0.80943987421
2322	9/12/2019 8:32:05		-122.362	37.718	2089133.798	6023150.100		2223.133	RS-700	0.47253647799
2323	9/12/2019 8:32:06		-122.362	37.718	2089135.182	6023148.305		2414.744	RS-700	1.67763396226
2324	9/12/2019 8:32:07		-122.362	37.718	2089136.598	6023146.655		2304.942	RS-700	0.98705383648
2325	9/12/2019 8:32:08		-122.362	37.718	2089137.688	6023144.970		2199.999	RS-700	0.32703911950
2326	9/12/2019 8:32:09		-122.362	37.718	2089138.813	6023143.343		2314.060	RS-700	1.04440213836
2327	9/12/2019 8:32:10		-122.362	37.718	2089140.047	6023141.719		2199.674	RS-700	0.32499220126
2328	9/12/2019 8:32:11		-122.362	37.718	2089141.283	6023140.007		2298.495	RS-700	0.94650823899
2329	9/12/2019 8:32:12		-122.362	37.718	2089142.518	6023138.354		2280.930	RS-700	0.83603723270
2330	9/12/2019 8:32:13		-122.362	37.718	2089143.789	6023136.672		2299.036	RS-700	0.94991421384
2331	9/12/2019 8:32:14		-122.362	37.718	2089145.094	6023135.165		2386.313	RS-700	1.49882339623
2332	9/12/2019 8:32:15		-122.362	37.718	2089146.217	6023133.654		2178.450	RS-700	0.19150905660
2333	9/12/2019 8:32:16		-122.362	37.718	2089147.341	6023132.056		2237.045	RS-700	0.56002930818
2334	9/12/2019 8:32:17		-122.362	37.718	2089148.648	6023130.433		2204.452	RS-700	0.35504106918
2335	9/12/2019 8:32:18		-122.362	37.718	2089150.101	6023128.784		2228.911	RS-700	0.50887119497
2336	9/12/2019 8:32:19		-122.362	37.718	2089151.409	6023127.104		2176.219	RS-700	0.17747836478
2337	9/12/2019 8:32:20		-122.362	37.718	2089152.719	6023125.365		2204.573	RS-700	0.35580358491
2338	9/12/2019 8:32:21		-122.362	37.718	2089154.247	6023123.602		2157.564	RS-700	0.06014968553
2339	9/12/2019 8:32:22		-122.362	37.718	2089155.958	6023121.813		2315.070	RS-700	1.05075503145
2340	9/12/2019 8:32:23		-122.362	37.718	2089157.670	6023119.938		2217.905	RS-700	0.43965484277
2341	9/12/2019 8:32:24		-122.362	37.718	2089159.163	6023118.116		2357.373	RS-700	1.31680893082
2342	9/12/2019 8:32:25		-122.362	37.718	2089160.257	6023116.228		2391.628	RS-700	1.53224861635
2343	9/12/2019 8:32:26		-122.362	37.718	2089161.276	6023114.426		2306.357	RS-700	0.99595591195
2344	9/12/2019 8:32:27		-122.362	37.718	2089162.439	6023112.742		2318.603	RS-700	1.07297735849
2345	9/12/2019 8:32:28		-122.362	37.718	2089163.855	6023111.092		2242.239	RS-700	0.59269748428
2346	9/12/2019 8:32:29		-122.362	37.718	2089165.163	6023109.441		2319.831	RS-700	1.08069849057
2347	9/12/2019 8:32:30		-122.362	37.718	2089166.431	6023107.932		2366.544	RS-700	1.37448987421
2348	9/12/2019 8:32:31		-122.362	37.718	2089167.587	6023106.567		2324.183	RS-700	1.10806761006
2349	9/12/2019 8:32:32		-122.362	37.718	2089168.781	6023105.144		2403.215	RS-700	1.60512358491
2350	9/12/2019 8:32:33		-122.362	37.718	2089169.905	6023103.546		2305.272	RS-700	0.98913427673
2351	9/12/2019 8:32:34		-122.362	37.718	2089171.144	6023101.719		2286.703	RS-700	0.87234490566
2352	9/12/2019 8:32:35		-122.362	37.718	2089172.420	6023099.807		2263.613	RS-700	0.72712861635
2353	9/12/2019 8:32:36		-122.362	37.718	2089173.691	6023098.154		2229.351	RS-700	0.51164421384
2354	9/12/2019 8:32:37		-122.362	37.718	2089175.036	6023096.474		2272.155	RS-700	0.78084905660
2355	9/12/2019 8:32:38		-122.362	37.718	2089176.381	6023094.736		2235.118	RS-700	0.54790924528
2356	9/12/2019 8:32:39		-122.362	37.718	2089177.655	6023092.967		2297.940	RS-700	0.94301849057
2357	9/12/2019 8:32:40		-122.362	37.718	2089178.965	6023091.171		2330.950	RS-700	1.15063106918
2358	9/12/2019 8:32:41		-122.362	37.718	2089180.240	6023089.316		2304.289	RS-700	0.98295018868
2359	9/12/2019 8:32:42		-122.362	37.718	2089181.405	6023087.516		2269.711	RS-700	0.76547792453
2360	9/12/2019 8:32:43		-122.362	37.718	2089182.641	6023085.805		2370.730	RS-700	1.40081849057
2361	9/12/2019 8:32:44		-122.362	37.718	2089183.914	6023084.037		2374.332	RS-700	1.42347132075
2362	9/12/2019 8:32:45		-122.362	37.718	2089185.188	6023082.269		2344.250	RS-700	1.23427779874
2363	9/12/2019 8:32:46		-122.362	37.718	2089186.534	6023080.502		2470.374	RS-700	2.02751238994
2364	9/12/2019 8:32:47		-122.362	37.718	2089187.954	6023078.707		2394.970	RS-700	1.55327169811
2365	9/12/2019 8:32:48		-122.362	37.718	2089189.261	6023077.055		2449.764	RS-700	1.89788685535
2366	9/12/2019 8:32:49		-122.362	37.718	2089190.531	6023075.461		2400.619	RS-700	1.58880106918
2367	9/12/2019 8:32:50		-122.362	37.718	2089191.765	6023073.836		2368.195	RS-700	1.38487572327
2368	9/12/2019 8:32:51		-122.362	37.718	2089193.036	6023072.212		2324.366	RS-700	1.10922069182
2369	9/12/2019 8:32:52		-122.362	37.718	2089194.237	6023070.414		2336.598	RS-700	1.18615327044
2370	9/12/2019 8:32:53		-122.362	37.718	2089195.548	6023068.617		2380.329	RS-700	1.46118754717
2371	9/12/2019 8:32:54		-122.362	37.718	2089196.929	6023066.909		2314.864	RS-700	1.04945710692
2372	9/12/2019 8:32:55		-122.362	37.718	2089198.276	6023065.084		2341.191	RS-700	1.21503937107
2373	9/12/2019 8:32:56		-122.362	37.718	2089199.588	6023063.230		2466.249	RS-700	2.00156314465
2374	9/12/2019 8:32:57		-122.362	37.718	2089200.863	6023061.375		2347.189	RS-700	1.25276163522
2375	9/12/2019 8:32:58		-122.362	37.718	2089202.209	6023059.637		2374.563	RS-700	1.42492691824
2376	9/12/2019 8:32:59		-122.362	37.718	2089203.552	6023058.015		2331.067	RS-700	1.15136779874
2377	9/12/2019 8:33:00		-122.362	37.718	2089205.041	6023056.424		2353.955	RS-700	1.29531289308
2378	9/12/2019 8:33:01		-122.362	37.718	2089206.529	6023054.834		2165.108	RS-700	0.10759798742

Gamma Scan Survey Results
Survey Unit 4 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
2379	9/12/2019 8:33:02		-122.362	37.718	2089208.058	6023053.041		2180.995	RS-700	0.20751578616
2380	9/12/2019 8:33:03		-122.362	37.718	2089209.408	6023051.101		2110.861	RS-700	-0.23357761006
2381	9/12/2019 8:33:04		-122.362	37.718	2089210.830	6023049.191		2242.024	RS-700	0.59134339623
2382	9/12/2019 8:33:05		-122.362	37.718	2089212.251	6023047.281		2203.895	RS-700	0.35154119497
2383	9/12/2019 8:33:06		-122.362	37.718	2089213.635	6023045.486		2179.105	RS-700	0.19563194969
2384	9/12/2019 8:33:07		-122.362	37.718	2089215.020	6023043.575		2162.882	RS-700	0.09359830189
2385	9/12/2019 8:33:08		-122.362	37.718	2089216.440	6023041.752		2278.493	RS-700	0.82070880503
2386	9/12/2019 8:33:09		-122.362	37.718	2089217.824	6023039.957		2291.270	RS-700	0.90107069182
2387	9/12/2019 8:33:10		-122.362	37.718	2089219.098	6023038.160		2248.368	RS-700	0.63124389937
2388	9/12/2019 8:33:11		-122.362	37.718	2089220.300	6023036.303		2204.006	RS-700	0.35223842767
2389	9/12/2019 8:33:12		-122.362	37.718	2089221.501	6023034.504		2206.797	RS-700	0.36979484277
2390	9/12/2019 8:33:13		-122.362	37.718	2089222.810	6023032.795		2220.237	RS-700	0.45432050315
2391	9/12/2019 8:33:14		-122.362	37.718	2089224.372	6023031.148		2286.697	RS-700	0.87230792453
2392	9/12/2019 8:33:15		-122.362	37.718	2089225.716	6023029.526		2142.845	RS-700	-0.03242201258
2393	9/12/2019 8:33:16		-122.362	37.718	2089226.844	6023027.725		2149.767	RS-700	0.01111610063
2394	9/12/2019 8:33:17		-122.362	37.718	2089227.862	6023025.981		2215.013	RS-700	0.42146779874
2395	9/12/2019 8:33:18		-122.362	37.718	2089229.060	6023024.327		2211.446	RS-700	0.39903339623
2396	9/12/2019 8:33:19		-122.362	37.718	2089230.331	6023022.703		2199.677	RS-700	0.32501301887
2397	9/12/2019 8:33:20		-122.362	37.718	2089231.786	6023020.967		2264.037	RS-700	0.72979270440
2398	9/12/2019 8:33:21		-122.362	37.718	2089233.130	6023019.316		2248.158	RS-700	0.62992716981
2399	9/12/2019 8:33:22		-122.362	37.718	2089234.511	6023017.637		2287.704	RS-700	0.87863905660
2400	9/12/2019 8:33:23		-122.362	37.718	2089235.634	6023016.097		2102.751	RS-700	-0.28458477987
2401	9/12/2019 8:33:24		-122.362	37.718	2089236.760	6023014.441		2230.461	RS-700	0.51862490566
2402	9/12/2019 8:33:25		-122.362	37.718	2089237.883	6023012.873		2189.667	RS-700	0.26205867925
2403	9/12/2019 8:33:26		-122.362	37.718	2089239.116	6023011.335		2220.231	RS-700	0.45428188679
2404	9/12/2019 8:33:27		-122.362	37.718	2089240.348	6023009.826		2203.239	RS-700	0.34741295598
2405	9/12/2019 8:33:28		-122.362	37.718	2089241.580	6023008.288		2162.750	RS-700	0.09276987421
2406	9/12/2019 8:33:29		-122.362	37.718	2089242.922	6023006.724		2231.590	RS-700	0.52572383648
2407	9/12/2019 8:33:30		-122.362	37.718	2089244.191	6023005.216		2222.907	RS-700	0.47111088050
2408	9/12/2019 8:33:31		-122.362	37.718	2089245.424	6023003.649		2234.025	RS-700	0.54103742138
2409	9/12/2019 8:33:32		-122.362	37.718	2089246.511	6023002.051		2223.911	RS-700	0.47742943396
2410	9/12/2019 8:33:33		-122.362	37.718	2089247.454	6023000.450		2281.589	RS-700	0.84018383648
2411	9/12/2019 8:33:34		-122.362	37.718	2089248.540	6022998.938		2155.774	RS-700	0.04889232704
2412	9/12/2019 8:33:35		-122.362	37.718	2089249.700	6022997.399		2126.079	RS-700	-0.13786893082
2413	9/12/2019 8:33:36		-122.362	37.718	2089251.007	6022995.747		2153.893	RS-700	0.03706584906
2414	9/12/2019 8:33:37		-122.362	37.718	2089252.351	6022994.125		2237.579	RS-700	0.56339220126
2415	9/12/2019 8:33:38		-122.362	37.718	2089253.662	6022992.299		2214.680	RS-700	0.41937106918
2416	9/12/2019 8:33:39		-122.362	37.718	2089254.647	6022990.351		2293.930	RS-700	0.91780138365
2417	9/12/2019 8:33:40		-122.362	37.718	2089255.886	6022988.496		2362.199	RS-700	1.34716257862
2418	9/12/2019 8:33:41		-122.362	37.718	2089257.269	6022986.730		2438.000	RS-700	1.82389911950
2419	9/12/2019 8:33:42		-122.363	37.718	2089258.900	6022985.287		2313.813	RS-700	1.04284905660
2420	9/12/2019 8:33:43		-122.363	37.718	2089260.207	6022983.635		2286.060	RS-700	0.86830238994
2421	9/12/2019 8:33:44		-122.363	37.718	2089261.371	6022981.893		2287.475	RS-700	0.87719949686
2422	9/12/2019 8:33:45		-122.363	37.718	2089262.643	6022980.183		2230.688	RS-700	0.52005188679
2423	9/12/2019 8:33:46		-122.363	37.718	2089263.914	6022978.530		2330.946	RS-700	1.15060628931
2424	9/12/2019 8:33:47		-122.363	37.718	2089265.112	6022976.934		2352.724	RS-700	1.28757471698
2425	9/12/2019 8:33:48		-122.363	37.718	2089266.381	6022975.368		2329.419	RS-700	1.14100044025
2426	9/12/2019 8:33:49		-122.363	37.718	2089267.652	6022973.744		2343.945	RS-700	1.23235553459
2427	9/12/2019 8:33:50		-122.363	37.718	2089269.032	6022972.094		2306.414	RS-700	0.99631333333
2428	9/12/2019 8:33:51		-122.363	37.718	2089270.410	6022970.559		2300.717	RS-700	0.96048201258
2429	9/12/2019 8:33:52		-122.363	37.718	2089271.644	6022968.963		2300.595	RS-700	0.95972006289
2430	9/12/2019 8:33:53		-122.363	37.718	2089272.734	6022967.220		2229.132	RS-700	0.51026188679
2431	9/12/2019 8:33:54		-122.363	37.718	2089273.934	6022965.508		2308.485	RS-700	1.00934169811
2432	9/12/2019 8:33:55		-122.363	37.718	2089275.280	6022963.770		2308.635	RS-700	1.01028433962
2433	9/12/2019 8:33:56		-122.363	37.718	2089276.696	6022962.121		2279.285	RS-700	0.82568886793
2434	9/12/2019 8:33:57		-122.363	37.718	2089277.933	6022960.352		2230.474	RS-700	0.51870679245
2435	9/12/2019 8:33:58		-122.363	37.718	2089279.028	6022958.406		2268.142	RS-700	0.75560905660
2436	9/12/2019 8:33:59		-122.363	37.718	2089280.089	6022956.344		2234.586	RS-700	0.54456440252
2437	9/12/2019 8:34:00		-122.363	37.718	2089281.475	6022954.434		2193.569	RS-700	0.28659522013
2438	9/12/2019 8:34:01		-122.363	37.718	2089282.675	6022952.693		2306.047	RS-700	0.99400911950
2439	9/12/2019 8:34:02		-122.363	37.718	2089283.652	6022951.179		2235.581	RS-700	0.55082421384

Gamma Scan Survey Results
Survey Unit 4 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
2440	9/12/2019 8:34:03		-122.363	37.718	2089284.588	6022949.896		2304.052	RS-700	0.98145735849
2441	9/12/2019 8:34:04		-122.363	37.718	2089285.416	6022948.552		2358.841	RS-700	1.32604106918
2442	9/12/2019 8:34:05		-122.363	37.718	2089286.240	6022947.412		2215.014	RS-700	0.42147232704
2443	9/12/2019 8:34:06		-122.363	37.718	2089286.654	6022946.726		2260.139	RS-700	0.70527377359
2444	9/12/2019 8:34:07		-122.363	37.718	2089286.390	6022947.183		2190.568	RS-700	0.26772226415
2445	9/12/2019 8:34:08		-122.363	37.718	2089286.092	6022947.496		2273.373	RS-700	0.78850962264
2446	9/12/2019 8:34:09		-122.363	37.718	2089286.989	6022946.356		2340.321	RS-700	1.20956301887
2447	9/12/2019 8:34:10		-122.363	37.718	2089288.149	6022944.788		2342.714	RS-700	1.22461918239
2448	9/12/2019 8:34:11		-122.363	37.718	2089288.526	6022944.130		2029.419	RS-700	-0.74579163522
2449	9/12/2019 8:34:12		-122.363	37.718	2089289.160	6022943.391		1821.285	RS-700	-2.05481000000
2450	9/12/2019 8:34:13		-122.363	37.718	2089290.018	6022942.366		1877.575	RS-700	-1.70078704403
2451	9/12/2019 8:34:14		-122.363	37.718	2089290.467	6022941.768		1851.481	RS-700	-1.86490012579
2452	9/12/2019 8:34:15		-122.363	37.718	2089291.030	6022940.940		2055.942	RS-700	-0.57898025157
2453	9/12/2019 8:34:16		-122.363	37.718	2089291.407	6022940.311		1821.015	RS-700	-2.05651025157
2454	9/12/2019 8:34:17		-122.363	37.718	2089292.297	6022939.490		1875.757	RS-700	-1.71222018868
2455	9/12/2019 8:34:18		-122.363	37.718	2089293.620	6022938.880		2083.057	RS-700	-0.40844509434
2456	9/12/2019 8:34:19		-122.363	37.718	2089294.719	6022938.583		2123.228	RS-700	-0.15580031447
2457	9/12/2019 8:34:20		-122.363	37.718	2089294.610	6022938.581		2008.617	RS-700	-0.87661968554
2458	9/12/2019 8:34:21		-122.363	37.718	2089293.232	6022938.264		1920.592	RS-700	-1.43023610063
2459	9/12/2019 8:34:22		-122.363	37.718	2089291.756	6022937.425		2024.319	RS-700	-0.77786672956
2460	9/12/2019 8:34:23		-122.363	37.718	2089290.829	6022936.423		1980.905	RS-700	-1.05090918239
2461	9/12/2019 8:34:24		-122.363	37.718	2089290.578	6022936.215		1998.511	RS-700	-0.94017981132
2462	9/12/2019 8:34:25		-122.363	37.718	2089291.115	6022936.689		1958.289	RS-700	-1.19315081761
2463	9/12/2019 8:34:26		-122.363	37.718	2089292.261	6022937.666		1981.204	RS-700	-1.04902849057
2464	9/12/2019 8:34:27		-122.363	37.718	2089293.507	6022939.109		2007.517	RS-700	-0.88354264151
2465	9/12/2019 8:34:28		-122.363	37.718	2089294.418	6022940.892		1891.485	RS-700	-1.61330044025
2466	9/12/2019 8:34:29		-122.363	37.718	2089294.642	6022942.429		1902.678	RS-700	-1.54290415094
2467	9/12/2019 8:34:30		-122.363	37.718	2089294.548	6022943.498		1962.600	RS-700	-1.16603679245
2468	9/12/2019 8:34:31		-122.363	37.718	2089294.892	6022942.695		2036.208	RS-700	-0.70309402516
2469	9/12/2019 8:34:32		-122.363	37.718	2089295.870	6022941.123		2075.951	RS-700	-0.45314062893
2470	9/12/2019 8:34:33		-122.363	37.718	2089294.805	6022941.594		2006.613	RS-700	-0.88922823899
2471	9/12/2019 8:34:34		-122.363	37.718	2089293.795	6022942.904		2020.622	RS-700	-0.80112018868
2472	9/12/2019 8:34:35		-122.363	37.718	2089292.965	6022944.363		1788.821	RS-700	-2.25898716981
2473	9/12/2019 8:34:36		-122.363	37.718	2089291.848	6022945.614		1680.779	RS-700	-2.93849867925
2474	9/12/2019 8:34:37		-122.363	37.718	2089290.772	6022946.576		2089.063	RS-700	-0.37067415094
2475	9/12/2019 8:34:38		-122.363	37.718	2089289.875	6022947.744		2195.895	RS-700	0.30122389937
2476	9/12/2019 8:34:39		-122.363	37.718	2089289.837	6022947.830		2246.915	RS-700	0.62210861635
2477	9/12/2019 8:34:40		-122.363	37.718	2089289.538	6022948.201		2343.843	RS-700	1.23171433962
2478	9/12/2019 8:34:41		-122.363	37.718	2089288.574	6022949.078		2227.788	RS-700	0.50181440252
2479	9/12/2019 8:34:42		-122.363	37.718	2089287.646	6022949.957		2358.080	RS-700	1.32125886792
2480	9/12/2019 8:34:43		-122.363	37.718	2089287.085	6022950.669		2217.590	RS-700	0.43767056604
2481	9/12/2019 8:34:44		-122.363	37.718	2089286.003	6022951.978		2268.374	RS-700	0.75706943396
2482	9/12/2019 8:34:45		-122.363	37.718	2089284.917	6022953.490		2275.151	RS-700	0.79969301887
2483	9/12/2019 8:34:46		-122.363	37.718	2089283.795	6022954.972		2267.805	RS-700	0.75349169811
2484	9/12/2019 8:34:47		-122.363	37.718	2089282.816	6022956.572		2284.046	RS-700	0.85563616352
2485	9/12/2019 8:34:48		-122.363	37.718	2089281.622	6022958.024		2317.873	RS-700	1.06838566038
2486	9/12/2019 8:34:49		-122.363	37.718	2089280.312	6022959.763		2292.590	RS-700	0.90936855346
2487	9/12/2019 8:34:50		-122.363	37.718	2089279.074	6022961.618		2302.825	RS-700	0.97374056604
2488	9/12/2019 8:34:51		-122.363	37.718	2089280.563	6022961.822		2271.278	RS-700	0.77533144654
2489	9/12/2019 8:34:52		-122.363	37.718	2089276.299	6022965.613		2427.593	RS-700	1.75844861635
2490	9/12/2019 8:34:53		-122.363	37.718	2089277.532	6022965.869		2331.602	RS-700	1.15472943396
2491	9/12/2019 8:34:54		-122.363	37.718	2089275.961	6022967.950		2310.719	RS-700	1.02339232704
2492	9/12/2019 8:34:55		-122.363	37.718	2089274.427	6022970.002		2311.173	RS-700	1.02624553459
2493	9/12/2019 8:34:56		-122.363	37.718	2089272.967	6022972.027		2253.260	RS-700	0.66201496855
2494	9/12/2019 8:34:57		-122.363	37.718	2089271.582	6022973.880		2273.050	RS-700	0.78647773585
2495	9/12/2019 8:34:58		-122.363	37.718	2089267.984	6022977.193		2294.615	RS-700	0.92210654088
2496	9/12/2019 8:34:59		-122.363	37.718	2089266.785	6022978.876		2316.482	RS-700	1.05963421384
2497	9/12/2019 8:35:00		-122.363	37.718	2089265.622	6022980.589		2364.848	RS-700	1.36382566038
2498	9/12/2019 8:35:01		-122.363	37.718	2089264.276	6022982.327		2331.606	RS-700	1.15475735849
2499	9/12/2019 8:35:02		-122.363	37.718	2089262.965	6022984.152		2299.713	RS-700	0.95416735849
2500	9/12/2019 8:35:03		-122.363	37.718	2089261.507	6022986.033		2324.200	RS-700	1.10817383648

Gamma Scan Survey Results
Survey Unit 4 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
2501	9/12/2019 8:35:04		-122.362	37.718	2089260.123	6022987.886		2281.819	RS-700	0.84162685535
2502	9/12/2019 8:35:05		-122.362	37.718	2089258.701	6022989.767		2284.734	RS-700	0.85996377359
2503	9/12/2019 8:35:06		-122.362	37.718	2089257.423	6022991.766		2253.258	RS-700	0.66200025157
2504	9/12/2019 8:35:07		-122.362	37.718	2089258.321	6022992.421		2223.670	RS-700	0.47590911950
2505	9/12/2019 8:35:08		-122.362	37.718	2089256.967	6022994.564		2135.212	RS-700	-0.08042805031
2506	9/12/2019 8:35:09		-122.362	37.718	2089255.543	6022996.560		2158.193	RS-700	0.06410591195
2507	9/12/2019 8:35:10		-122.362	37.718	2089254.192	6022998.587		2170.989	RS-700	0.14458522013
2508	9/12/2019 8:35:11		-122.362	37.718	2089252.843	6023000.470		2196.108	RS-700	0.30256622642
2509	9/12/2019 8:35:12		-122.362	37.718	2089251.458	6023002.381		2171.880	RS-700	0.15019031447
2510	9/12/2019 8:35:13		-122.362	37.718	2089250.033	6023004.435		2220.674	RS-700	0.45706817610
2511	9/12/2019 8:35:14		-122.362	37.718	2089248.572	6023006.489		2203.571	RS-700	0.34950169811
2512	9/12/2019 8:35:15		-122.362	37.718	2089247.254	6023008.662		2255.139	RS-700	0.67382748428
2513	9/12/2019 8:35:16		-122.362	37.718	2089245.901	6023010.747		2297.824	RS-700	0.94228729560
2514	9/12/2019 8:35:17		-122.362	37.718	2089244.476	6023012.830		2232.805	RS-700	0.53336578616
2515	9/12/2019 8:35:18		-122.362	37.718	2089242.979	6023014.854		2308.402	RS-700	1.00881943396
2516	9/12/2019 8:35:19		-122.362	37.718	2089241.407	6023016.993		2159.883	RS-700	0.07473867925
2517	9/12/2019 8:35:20		-122.362	37.718	2089239.836	6023019.045		2185.116	RS-700	0.23343610063
2518	9/12/2019 8:35:21		-122.362	37.718	2089238.304	6023021.010		2188.788	RS-700	0.25652553459
2519	9/12/2019 8:35:22		-122.362	37.718	2089236.808	6023023.006		2239.026	RS-700	0.57248886793
2520	9/12/2019 8:35:23		-122.362	37.718	2089233.394	6023026.178		2133.353	RS-700	-0.09212226415
2521	9/12/2019 8:35:24		-122.362	37.718	2089231.971	6023028.146		2168.788	RS-700	0.13074232704
2522	9/12/2019 8:35:25		-122.362	37.718	2089230.548	6023030.114		2214.041	RS-700	0.41535075472
2523	9/12/2019 8:35:26		-122.362	37.718	2089229.125	6023032.081		2234.244	RS-700	0.54241672956
2524	9/12/2019 8:35:27		-122.362	37.718	2089227.774	6023034.051		2227.346	RS-700	0.49903213837
2525	9/12/2019 8:35:28		-122.362	37.718	2089226.387	6023036.048		2198.455	RS-700	0.31732748428
2526	9/12/2019 8:35:29		-122.362	37.718	2089226.880	6023036.897		2293.167	RS-700	0.91300232704
2527	9/12/2019 8:35:30		-122.362	37.718	2089225.491	6023038.981		2196.347	RS-700	0.30407226415
2528	9/12/2019 8:35:31		-122.362	37.718	2089224.176	6023041.009		2201.680	RS-700	0.33761044025
2529	9/12/2019 8:35:32		-122.362	37.718	2089220.872	6023044.155		2188.222	RS-700	0.25296949686
2530	9/12/2019 8:35:33		-122.362	37.718	2089219.051	6023045.999		2207.790	RS-700	0.37603937107
2531	9/12/2019 8:35:34		-122.362	37.718	2089219.147	6023046.666		2141.536	RS-700	-0.04065471698
2532	9/12/2019 8:35:35		-122.362	37.718	2089217.581	6023048.515		2253.796	RS-700	0.66538660377
2533	9/12/2019 8:35:36		-122.362	37.718	2089214.349	6023051.691		2269.703	RS-700	0.76542811321
2534	9/12/2019 8:35:37		-122.362	37.718	2089212.998	6023053.689		2181.772	RS-700	0.21240553459
2535	9/12/2019 8:35:38		-122.362	37.718	2089211.503	6023055.598		2236.231	RS-700	0.55490962264
2536	9/12/2019 8:35:39		-122.362	37.718	2089210.010	6023057.449		2336.836	RS-700	1.18765088050
2537	9/12/2019 8:35:40		-122.362	37.718	2089210.324	6023058.120		2419.113	RS-700	1.70511364780
2538	9/12/2019 8:35:41		-122.362	37.718	2089208.828	6023060.116		2459.046	RS-700	1.95626314465
2539	9/12/2019 8:35:42		-122.362	37.718	2089207.367	6023062.141		2376.843	RS-700	1.43926716981
2540	9/12/2019 8:35:43		-122.362	37.718	2089205.760	6023064.192		2340.071	RS-700	1.20799628931
2541	9/12/2019 8:35:44		-122.362	37.718	2089204.048	6023066.038		2407.829	RS-700	1.63414471698
2542	9/12/2019 8:35:45		-122.362	37.718	2089202.371	6023067.972		2300.594	RS-700	0.95971220126
2543	9/12/2019 8:35:46		-122.362	37.718	2089200.693	6023069.935		2423.443	RS-700	1.73234572327
2544	9/12/2019 8:35:47		-122.362	37.718	2089197.496	6023073.169		2300.058	RS-700	0.95633698113
2545	9/12/2019 8:35:48		-122.362	37.718	2089196.180	6023075.255		2302.938	RS-700	0.97445081761
2546	9/12/2019 8:35:49		-122.362	37.718	2089194.722	6023077.164		2330.307	RS-700	1.14658628931
2547	9/12/2019 8:35:50		-122.362	37.718	2089195.070	6023077.952		2304.283	RS-700	0.98290911950
2548	9/12/2019 8:35:51		-122.362	37.718	2089193.537	6023079.976		2371.842	RS-700	1.40781358491
2549	9/12/2019 8:35:52		-122.362	37.718	2089190.193	6023083.294		2367.427	RS-700	1.38004446541
2550	9/12/2019 8:35:53		-122.362	37.718	2089188.659	6023085.346		2372.848	RS-700	1.41413666667
2551	9/12/2019 8:35:54		-122.362	37.718	2089187.126	6023087.370		2413.629	RS-700	1.67062188679
2552	9/12/2019 8:35:55		-122.362	37.718	2089185.593	6023089.336		2305.945	RS-700	0.99336383648
2553	9/12/2019 8:35:56		-122.362	37.718	2089185.943	6023090.066		2335.719	RS-700	1.18062352201
2554	9/12/2019 8:35:57		-122.362	37.718	2089184.337	6023092.059		2264.813	RS-700	0.73467213837
2555	9/12/2019 8:35:58		-122.362	37.718	2089180.922	6023095.318		2367.960	RS-700	1.38339924528
2556	9/12/2019 8:35:59		-122.362	37.718	2089179.387	6023097.399		2234.691	RS-700	0.54522484277
2557	9/12/2019 8:36:00		-122.362	37.718	2089177.927	6023099.424		2263.263	RS-700	0.72492597484
2558	9/12/2019 8:36:01		-122.362	37.718	2089178.240	6023100.154		2296.938	RS-700	0.93671628931
2559	9/12/2019 8:36:02		-122.362	37.718	2089174.900	6023103.299		2316.526	RS-700	1.05990930818
2560	9/12/2019 8:36:03		-122.362	37.718	2089173.334	6023105.119		2278.166	RS-700	0.81865150943
2561	9/12/2019 8:36:04		-122.362	37.718	2089173.577	6023105.731		2323.418	RS-700	1.10325641509

Gamma Scan Survey Results
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SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
2562	9/12/2019 8:36:05		-122.362	37.718	2089172.012	6023107.494		2344.304	RS-700	1.23461660377
2563	9/12/2019 8:36:06		-122.362	37.718	2089168.711	6023110.495		2238.360	RS-700	0.56830150943
2564	9/12/2019 8:36:07		-122.362	37.718	2089167.473	6023112.322		2327.071	RS-700	1.12623251572
2565	9/12/2019 8:36:08		-122.362	37.718	2089168.233	6023112.568		2312.598	RS-700	1.03520666667
2566	9/12/2019 8:36:09		-122.362	37.718	2089167.673	6023113.251		2224.694	RS-700	0.48235144654
2567	9/12/2019 8:36:10		-122.362	37.718	2089167.709	6023113.252		2290.829	RS-700	0.89829345912
2568	9/12/2019 8:36:11		-122.362	37.718	2089168.532	6023112.169		2259.809	RS-700	0.70320433962
2569	9/12/2019 8:36:12		-122.362	37.718	2089170.110	6023109.741		2252.579	RS-700	0.65773226415
2570	9/12/2019 8:36:13		-122.362	37.718	2089171.461	6023107.714		2322.843	RS-700	1.09964213836
2571	9/12/2019 8:36:14		-122.362	37.718	2089172.028	6023106.713		2333.071	RS-700	1.16396993711
2572	9/12/2019 8:36:15		-122.362	37.718	2089172.180	6023106.369		2319.822	RS-700	1.08064056604
2573	9/12/2019 8:36:16		-122.362	37.718	2089171.989	6023106.799		2254.019	RS-700	0.66678874214
2574	9/12/2019 8:36:17		-122.362	37.718	2089171.571	6023107.716		2320.946	RS-700	1.08771364780
2575	9/12/2019 8:36:18		-122.362	37.718	2089170.565	6023108.825		2227.127	RS-700	0.49765100629
2576	9/12/2019 8:36:19		-122.362	37.718	2089168.695	6023109.453		2352.959	RS-700	1.28905289308
2577	9/12/2019 8:36:20		-122.362	37.718	2089166.762	6023109.617		2257.689	RS-700	0.68986710692
2578	9/12/2019 8:36:21		-122.362	37.718	2089164.784	6023110.185		2362.201	RS-700	1.34717358491
2579	9/12/2019 8:36:22		-122.362	37.718	2089163.081	6023111.569		2310.523	RS-700	1.02215477987
2580	9/12/2019 8:36:23		-122.362	37.718	2089162.022	6023113.544		2323.311	RS-700	1.10258547170
2581	9/12/2019 8:36:24		-122.362	37.718	2089161.262	6023115.120		2391.095	RS-700	1.52889698113
2582	9/12/2019 8:36:25		-122.362	37.718	2089160.997	6023115.664		2223.801	RS-700	0.47673427673
2583	9/12/2019 8:36:26		-122.362	37.718	2089161.827	6023114.205		2312.838	RS-700	1.03671955975
2584	9/12/2019 8:36:27		-122.362	37.718	2089162.922	6023112.231		2373.097	RS-700	1.41570591195
2585	9/12/2019 8:36:28		-122.362	37.718	2089163.713	6023110.945		2317.831	RS-700	1.06812025157
2586	9/12/2019 8:36:29		-122.362	37.718	2089163.599	6023111.145		2260.031	RS-700	0.70459949686
2587	9/12/2019 8:36:30		-122.362	37.718	2089162.847	6023112.374		2295.296	RS-700	0.92639163522
2588	9/12/2019 8:36:31		-122.362	37.718	2089161.618	6023113.709		2272.936	RS-700	0.78575861635
2589	9/12/2019 8:36:32		-122.362	37.718	2089160.100	6023114.981		2340.071	RS-700	1.20799522013
2590	9/12/2019 8:36:33		-122.362	37.718	2089158.945	6023116.289		2288.264	RS-700	0.88216276730
2591	9/12/2019 8:36:34		-122.362	37.718	2089158.399	6023118.072		2229.133	RS-700	0.51027220126
2592	9/12/2019 8:36:35		-122.362	37.718	2089158.542	6023120.042		2154.557	RS-700	0.04124012579
2593	9/12/2019 8:36:36		-122.362	37.718	2089159.016	6023121.845		2095.646	RS-700	-0.32927163522
2594	9/12/2019 8:36:37		-122.362	37.718	2089159.751	6023123.335		2182.014	RS-700	0.21392452830
2595	9/12/2019 8:36:38		-122.362	37.718	2089160.237	6023124.560		2138.525	RS-700	-0.05958943396
2596	9/12/2019 8:36:39		-122.362	37.718	2089160.544	6023125.578		2290.362	RS-700	0.89535698113
2597	9/12/2019 8:36:40		-122.362	37.718	2089160.511	6023125.404		2187.546	RS-700	0.24871685535
2598	9/12/2019 8:36:41		-122.362	37.718	2089160.917	6023123.300		2208.574	RS-700	0.38096723270
2599	9/12/2019 8:36:42		-122.362	37.718	2089161.529	6023121.866		2112.749	RS-700	-0.22170666667
2600	9/12/2019 8:36:43		-122.362	37.718	2089161.756	6023121.408		2206.680	RS-700	0.36905880503
2601	9/12/2019 8:36:44		-122.362	37.718	2089161.491	6023121.952		2203.011	RS-700	0.34598408805
2602	9/12/2019 8:36:45		-122.362	37.718	2089160.990	6023123.302		2198.464	RS-700	0.31738169811
2603	9/12/2019 8:36:46		-122.362	37.718	2089160.231	6023124.849		2107.860	RS-700	-0.25245006289
2604	9/12/2019 8:36:47		-122.362	37.718	2089159.364	6023126.307		2254.145	RS-700	0.66758062893
2605	9/12/2019 8:36:48		-122.362	37.718	2089158.431	6023127.475		2204.453	RS-700	0.35505238994
2606	9/12/2019 8:36:49		-122.362	37.718	2089157.090	6023128.952		2239.257	RS-700	0.57394496855
2607	9/12/2019 8:36:50		-122.362	37.718	2089155.747	6023130.575		2167.775	RS-700	0.12437396226
2608	9/12/2019 8:36:51		-122.362	37.718	2089154.580	6023132.490		2215.354	RS-700	0.42361257862
2609	9/12/2019 8:36:52		-122.362	37.718	2089153.232	6023134.314		2280.034	RS-700	0.83040515723
2610	9/12/2019 8:36:53		-122.362	37.718	2089151.671	6023135.932		2282.160	RS-700	0.84377270440
2611	9/12/2019 8:36:54		-122.362	37.718	2089150.108	6023137.608		2185.673	RS-700	0.23693710692
2612	9/12/2019 8:36:55		-122.362	37.718	2089148.687	6023139.460		2271.268	RS-700	0.77526836478
2613	9/12/2019 8:36:56		-122.362	37.718	2089147.156	6023141.339		2251.692	RS-700	0.65215150943
2614	9/12/2019 8:36:57		-122.362	37.718	2089144.185	6023144.231		2276.160	RS-700	0.80603786164
2615	9/12/2019 8:36:58		-122.362	37.718	2089142.690	6023146.169		2187.233	RS-700	0.24674792453
2616	9/12/2019 8:36:59		-122.362	37.718	2089142.670	6023147.152		2273.156	RS-700	0.78714415094
2617	9/12/2019 8:37:00		-122.362	37.718	2089141.104	6023149.001		2308.403	RS-700	1.00882396226
2618	9/12/2019 8:37:01		-122.362	37.718	2089139.609	6023150.910		2342.721	RS-700	1.22466081761
2619	9/12/2019 8:37:02		-122.362	37.718	2089138.040	6023152.904		2342.092	RS-700	1.22070283019
2620	9/12/2019 8:37:03		-122.362	37.718	2089135.249	6023155.886		2335.837	RS-700	1.18136622642
2621	9/12/2019 8:37:04		-122.362	37.718	2089133.935	6023157.885		2320.947	RS-700	1.08771566038
2622	9/12/2019 8:37:05		-122.362	37.718	2089132.478	6023159.736		2334.835	RS-700	1.17506194969

Gamma Scan Survey Results
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SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
2623	9/12/2019 8:37:06		-122.362	37.718	2089131.096	6023161.444		2326.940	RS-700	1.12541119497
2624	9/12/2019 8:37:07		-122.362	37.718	2089129.749	6023163.240		2187.437	RS-700	0.24803081761
2625	9/12/2019 8:37:08		-122.362	37.718	2089128.514	6023164.923		2339.188	RS-700	1.20243792453
2626	9/12/2019 8:37:09		-122.362	37.718	2089127.425	6023166.579		2253.919	RS-700	0.66615937107
2627	9/12/2019 8:37:10		-122.362	37.718	2089127.704	6023167.221		2271.826	RS-700	0.77877974843
2628	9/12/2019 8:37:11		-122.362	37.718	2089126.508	6023168.730		2276.906	RS-700	0.81073037736
2629	9/12/2019 8:37:12		-122.362	37.718	2089125.163	6023170.439		2249.581	RS-700	0.63887509434
2630	9/12/2019 8:37:13		-122.362	37.718	2089123.855	6023172.091		2306.829	RS-700	0.99892622642
2631	9/12/2019 8:37:14		-122.362	37.718	2089122.548	6023173.743		2338.843	RS-700	1.20026911950
2632	9/12/2019 8:37:15		-122.362	37.718	2089121.315	6023175.281		2139.085	RS-700	-0.05606886792
2633	9/12/2019 8:37:16		-122.362	37.718	2089119.934	6023176.989		2215.568	RS-700	0.42495823899
2634	9/12/2019 8:37:17		-122.362	37.718	2089117.151	6023179.567		2092.225	RS-700	-0.35078327044
2635	9/12/2019 8:37:18		-122.362	37.718	2089117.173	6023180.290		2207.236	RS-700	0.37255289308
2636	9/12/2019 8:37:19		-122.362	37.718	2089115.863	6023182.087		2328.950	RS-700	1.13805163522
2637	9/12/2019 8:37:20		-122.362	37.718	2089113.297	6023184.755		2269.041	RS-700	0.76126440252
2638	9/12/2019 8:37:21		-122.362	37.718	2089113.356	6023185.451		2194.792	RS-700	0.29429025157
2639	9/12/2019 8:37:22		-122.362	37.718	2089111.902	6023187.158		2149.452	RS-700	0.00913176101
2640	9/12/2019 8:37:23		-122.362	37.718	2089110.520	6023188.895		2142.410	RS-700	-0.03516006289
2641	9/12/2019 8:37:24		-122.362	37.718	2089109.064	6023190.660		2138.190	RS-700	-0.06169534591
2642	9/12/2019 8:37:25		-122.362	37.718	2089107.608	6023192.453		2174.889	RS-700	0.16911628931
2643	9/12/2019 8:37:26		-122.362	37.718	2089104.822	6023195.204		2253.579	RS-700	0.66402094340
2644	9/12/2019 8:37:27		-122.362	37.718	2089104.842	6023196.043		2220.676	RS-700	0.45707955975
2645	9/12/2019 8:37:28		-122.362	37.718	2089102.166	6023198.710		2265.806	RS-700	0.74091949686
2646	9/12/2019 8:37:29		-122.362	37.718	2089100.968	6023200.364		2231.350	RS-700	0.52421119497
2647	9/12/2019 8:37:30		-122.362	37.718	2089101.137	6023201.003		2109.872	RS-700	-0.23980163522
2648	9/12/2019 8:37:31		-122.362	37.718	2089099.863	6023202.801		2158.774	RS-700	0.06775805031
2649	9/12/2019 8:37:32		-122.362	37.718	2089098.701	6023204.484		2207.786	RS-700	0.37601471698
2650	9/12/2019 8:37:33		-122.362	37.718	2089096.171	6023207.154		2274.152	RS-700	0.79341012579
2651	9/12/2019 8:37:34		-122.362	37.718	2089094.751	6023208.977		2250.033	RS-700	0.64171622642
2652	9/12/2019 8:37:35		-122.362	37.718	2089094.845	6023209.731		2309.701	RS-700	1.01698735849
2653	9/12/2019 8:37:36		-122.362	37.718	2089091.947	6023212.624		2200.567	RS-700	0.01339416422
2654	9/12/2019 8:37:37		-122.362	37.718	2089092.078	6023213.350		2192.902	RS-700	-0.00908480938
2655	9/12/2019 8:37:38		-122.362	37.718	2089090.804	6023215.147		2315.294	RS-700	0.34983580645
2656	9/12/2019 8:37:39		-122.362	37.718	2089089.459	6023216.856		2555.428	RS-700	1.05404237537
2657	9/12/2019 8:37:40		-122.362	37.718	2089088.488	6023218.081		2581.667	RS-700	1.13098824047
2658	9/12/2019 8:37:41		-122.362	37.718	2089087.701	6023219.223		2279.270	RS-700	0.24419460411
2659	9/12/2019 8:37:42		-122.362	37.718	2089086.876	6023220.392		1960.996	RS-700	-0.68916167155
2660	9/12/2019 8:37:43		-122.362	37.718	2089085.980	6023221.474		1562.801	RS-700	-1.85688750733
2661	9/12/2019 8:37:44		-122.362	37.718	2089084.932	6023222.928		1805.550	RS-700	-1.14501609971
2662	9/12/2019 8:37:45		-122.362	37.718	2089083.846	6023224.440		2391.089	RS-700	0.57210970675
2663	9/12/2019 8:37:46		-122.362	37.718	2089082.390	6023226.234		2723.247	RS-700	1.54617929619
2664	9/12/2019 8:37:47		-122.362	37.718	2089080.811	6023228.690		2512.026	RS-700	0.92676214076
2665	9/12/2019 8:37:48		-122.362	37.718	2089079.721	6023230.404		2342.318	RS-700	1.22212641509
2666	9/12/2019 8:37:49		-122.362	37.718	2089078.814	6023232.064		2399.954	RS-700	1.58461371069
2667	9/12/2019 8:37:50		-122.362	37.718	2089077.911	6023233.522		2231.462	RS-700	0.52491874214
2668	9/12/2019 8:37:51		-122.362	37.718	2089076.751	6023235.090		2244.252	RS-700	0.60535716981
2669	9/12/2019 8:37:52		-122.362	37.717	2089075.441	6023236.858		2206.673	RS-700	0.36901012579
2670	9/12/2019 8:37:53		-122.362	37.717	2089074.424	6023238.515		2180.989	RS-700	0.20747641509
2671	9/12/2019 8:37:54		-122.362	37.717	2089072.089	6023240.581		2163.886	RS-700	0.09991188679
2672	9/12/2019 8:37:55		-122.362	37.717	2089071.972	6023240.983		2088.959	RS-700	-0.37132716981
2673	9/12/2019 8:37:56		-122.362	37.717	2089069.117	6023243.501		2212.452	RS-700	0.40535553459
2674	9/12/2019 8:37:57		-122.362	37.717	2089069.140	6023244.196		2153.892	RS-700	0.03705836478
2675	9/12/2019 8:37:58		-122.362	37.717	2089066.534	6023247.037		2140.184	RS-700	-0.04915849057
2676	9/12/2019 8:37:59		-122.362	37.717	2089065.264	6023248.632		2148.547	RS-700	0.00344320755
2677	9/12/2019 8:38:00		-122.362	37.717	2089065.252	6023249.239		2110.651	RS-700	-0.23489823899
2678	9/12/2019 8:38:01		-122.362	37.717	2089062.617	6023251.733		2106.861	RS-700	-0.25873899371
2679	9/12/2019 8:38:02		-122.362	37.717	2089061.384	6023253.300		2026.719	RS-700	-0.76277484277
2680	9/12/2019 8:38:03		-122.362	37.717	2089061.227	6023253.846		2152.446	RS-700	0.02796427673
2681	9/12/2019 8:38:04		-122.362	37.717	2089059.668	6023255.348		2062.841	RS-700	-0.53559320755
2682	9/12/2019 8:38:05		-122.362	37.717	2089058.254	6023256.854		1829.576	RS-700	-2.00266792453
2683	9/12/2019 8:38:06		-122.362	37.717	2089057.021	6023258.420		1092.176	RS-700	-6.64040402516

Gamma Scan Survey Results
Survey Unit 4 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
2684	9/12/2019 8:38:07		-122.362	37.717	2089054.495	6023260.916		912.323	RS-700	-7.77155427673
2685	9/12/2019 8:38:08		-122.362	37.717	2089054.925	6023261.272		1115.231	RS-700	-6.49540044025
2686	9/12/2019 8:38:09		-122.362	37.717	2089053.805	6023262.609		1825.670	RS-700	-2.02723056604
2687	9/12/2019 8:38:10		-122.362	37.717	2089052.836	6023263.747		2183.669	RS-700	0.22433641509
2688	9/12/2019 8:38:11		-122.362	37.717	2089051.680	6023265.113		2187.104	RS-700	0.24593981132
2689	9/12/2019 8:38:12		-122.362	37.717	2089050.342	6023266.446		1924.398	RS-700	-1.40629993711
2690	9/12/2019 8:38:13		-122.362	37.717	2089048.892	6023267.950		1396.229	RS-700	-4.72811968553
2691	9/12/2019 8:38:14		-122.362	37.717	2089047.736	6023269.316		1365.455	RS-700	-4.92166408805
2692	9/12/2019 8:38:15		-122.362	37.717	2089045.396	6023271.584		1739.649	RS-700	-2.56824836478
2693	9/12/2019 8:38:16		-122.361	37.717	2089044.420	6023273.069		2084.157	RS-700	-0.40152880503
2694	9/12/2019 8:38:17		-122.361	37.717	2089043.663	6023274.471		2185.894	RS-700	0.23832477987
2695	9/12/2019 8:38:18		-122.361	37.717	2089042.954	6023275.325		2069.054	RS-700	-0.49651459120
2696	9/12/2019 8:38:19		-122.361	37.717	2089042.581	6023275.780		2152.432	RS-700	0.02787308176
2697	9/12/2019 8:38:20		-122.361	37.717	2089043.278	6023275.534		2108.118	RS-700	-0.25083157233
2698	9/12/2019 8:38:21		-122.361	37.717	2089042.868	6023275.989		2124.877	RS-700	-0.14542930818
2699	9/12/2019 8:38:22		-122.361	37.717	2089042.269	6023276.816		2106.855	RS-700	-0.25877389937
2700	9/12/2019 8:38:23		-122.361	37.717	2089041.671	6023277.614		2156.550	RS-700	0.05377119497
2701	9/12/2019 8:38:24		-122.361	37.717	2089040.885	6023278.640		2158.881	RS-700	0.06843113208
2702	9/12/2019 8:38:25		-122.361	37.717	2089039.839	6023279.979		2137.650	RS-700	-0.06509566038
2703	9/12/2019 8:38:26		-122.361	37.717	2089038.974	6023281.350		2158.754	RS-700	0.06763352201
2704	9/12/2019 8:38:27		-122.361	37.717	2089037.856	6023282.659		2154.767	RS-700	0.04255811321
2705	9/12/2019 8:38:28		-122.361	37.717	2089036.851	6023283.709		2021.826	RS-700	-0.79354522013
2706	9/12/2019 8:38:29		-122.361	37.717	2089035.776	6023284.671		2088.956	RS-700	-0.37134597484
2707	9/12/2019 8:38:30		-122.361	37.717	2089034.814	6023285.433		2054.942	RS-700	-0.58526811321
2708	9/12/2019 8:38:31		-122.361	37.717	2089033.622	6023286.769		2062.048	RS-700	-0.54057993711
2709	9/12/2019 8:38:32		-122.361	37.717	2089033.040	6023288.551		2095.433	RS-700	-0.33060930818
2710	9/12/2019 8:38:33		-122.361	37.717	2089032.504	6023289.871		2145.662	RS-700	-0.01470490566
2711	9/12/2019 8:38:34		-122.361	37.717	2089031.864	6023290.929		2122.447	RS-700	-0.16071081761
2712	9/12/2019 8:38:35		-122.361	37.717	2089030.084	6023292.514		2162.771	RS-700	0.09289691824
2713	9/12/2019 8:38:36		-122.361	37.717	2089029.151	6023293.653		2042.524	RS-700	-0.66337081761
2714	9/12/2019 8:38:37		-122.361	37.717	2089028.029	6023295.135		2120.192	RS-700	-0.17489496855
2715	9/12/2019 8:38:38		-122.361	37.717	2089027.680	6023296.227		2078.535	RS-700	-0.43688811321
2716	9/12/2019 8:38:39		-122.361	37.717	2089026.447	6023297.794		2110.758	RS-700	-0.23422735849
2717	9/12/2019 8:38:40		-122.361	37.717	2089025.142	6023299.330		2041.714	RS-700	-0.66846333333
2718	9/12/2019 8:38:41		-122.361	37.717	2089024.093	6023300.784		2053.040	RS-700	-0.59723559748
2719	9/12/2019 8:38:42		-122.361	37.717	2089023.008	6023302.238		2034.525	RS-700	-0.71367974843
2720	9/12/2019 8:38:43		-122.361	37.717	2089022.143	6023303.610		2164.707	RS-700	0.10507496855
2721	9/12/2019 8:38:44		-122.361	37.717	2089020.984	6023305.091		2059.042	RS-700	-0.55948459120
2722	9/12/2019 8:38:45		-122.361	37.717	2089018.644	6023307.388		2009.417	RS-700	-0.87158974843
2723	9/12/2019 8:38:46		-122.361	37.717	2089018.335	6023308.308		2125.975	RS-700	-0.13852182390
2724	9/12/2019 8:38:47		-122.361	37.717	2089017.134	6023310.077		2085.853	RS-700	-0.39086132076
2725	9/12/2019 8:38:48		-122.361	37.717	2089014.641	6023312.718		2135.550	RS-700	-0.07830006289
2726	9/12/2019 8:38:49		-122.361	37.717	2089014.400	6023313.871		2068.430	RS-700	-0.50043842767
2727	9/12/2019 8:38:50		-122.361	37.717	2089012.906	6023315.750		2083.735	RS-700	-0.40418421384
2728	9/12/2019 8:38:51		-122.361	37.717	2089010.414	6023318.362		2126.870	RS-700	-0.13289534591
2729	9/12/2019 8:38:52		-122.361	37.717	2089008.961	6023320.011		2115.870	RS-700	-0.20207396226
2730	9/12/2019 8:38:53		-122.361	37.717	2089007.469	6023321.746		2180.327	RS-700	0.20331251572
2731	9/12/2019 8:38:54		-122.361	37.717	2089005.975	6023323.626		2152.868	RS-700	0.03061842767
2732	9/12/2019 8:38:55		-122.361	37.717	2089004.593	6023325.363		2159.524	RS-700	0.07247515723
2733	9/12/2019 8:38:56		-122.361	37.717	2089003.321	6023327.074		2184.780	RS-700	0.23132106918
2734	9/12/2019 8:38:57		-122.361	37.717	2089002.121	6023328.815		2134.083	RS-700	-0.08752635220
2735	9/12/2019 8:38:58		-122.361	37.717	2089001.476	6023330.104		2130.869	RS-700	-0.10774012579
2736	9/12/2019 8:38:59		-122.361	37.717	2089000.094	6023331.841		2159.665	RS-700	0.07336566038
2737	9/12/2019 8:39:00		-122.361	37.717	2088998.043	6023334.259		2201.009	RS-700	0.33338880503
2738	9/12/2019 8:39:01		-122.361	37.717	2088997.468	6023335.694		2181.898	RS-700	0.21319666667
2739	9/12/2019 8:39:02		-122.361	37.717	2088995.793	6023337.542		2174.551	RS-700	0.16698855346
2740	9/12/2019 8:39:03		-122.361	37.717	2088994.083	6023339.272		2215.225	RS-700	0.42279584906
2741	9/12/2019 8:39:04		-122.361	37.717	2088991.926	6023341.515		2178.883	RS-700	0.19423572327
2742	9/12/2019 8:39:05		-122.361	37.717	2088990.472	6023343.222		2207.683	RS-700	0.37536566038
2743	9/12/2019 8:39:06		-122.361	37.717	2088989.127	6023344.931		2283.047	RS-700	0.84935176101
2744	9/12/2019 8:39:07		-122.361	37.717	2088988.000	6023346.644		2173.104	RS-700	0.15788805031

Gamma Scan Survey Results
Survey Unit 4 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
2745	9/12/2019 8:39:08		-122.361	37.717	2088986.620	6023348.295		2081.455	RS-700	-0.41852446541
2746	9/12/2019 8:39:09		-122.361	37.717	2088985.092	6023350.000		2171.319	RS-700	0.14665981132
2747	9/12/2019 8:39:10		-122.361	37.717	2088983.714	6023351.535		2144.347	RS-700	-0.02297320755
2748	9/12/2019 8:39:11		-122.361	37.717	2088982.624	6023353.249		2109.548	RS-700	-0.24183886793
2749	9/12/2019 8:39:12		-122.361	37.717	2088982.016	6023354.539		2145.096	RS-700	-0.01826452830
2750	9/12/2019 8:39:13		-122.361	37.717	2088980.747	6023356.076		2050.839	RS-700	-0.61107742138
2751	9/12/2019 8:39:14		-122.361	37.717	2088978.814	6023358.034		2214.459	RS-700	0.41798169811
2752	9/12/2019 8:39:15		-122.361	37.717	2088977.990	6023359.203		2158.775	RS-700	0.06776522013
2753	9/12/2019 8:39:16		-122.361	37.717	2088976.647	6023360.797		2157.988	RS-700	0.06281553459
2754	9/12/2019 8:39:17		-122.361	37.717	2088974.748	6023362.871		2193.670	RS-700	0.28723440252
2755	9/12/2019 8:39:18		-122.361	37.717	2088973.959	6023364.128		2118.754	RS-700	-0.18393798742
2756	9/12/2019 8:39:19		-122.361	37.717	2088972.133	6023366.204		2148.772	RS-700	0.00485710692
2757	9/12/2019 8:39:20		-122.361	37.717	2088969.975	6023368.475		2160.772	RS-700	0.08032930818
2758	9/12/2019 8:39:21		-122.361	37.717	2088969.110	6023369.876		2184.222	RS-700	0.22781327044
2759	9/12/2019 8:39:22		-122.361	37.717	2088967.764	6023371.643		2220.794	RS-700	0.45782459120
2760	9/12/2019 8:39:23		-122.361	37.717	2088966.240	6023373.175		2276.925	RS-700	0.81085062893
2761	9/12/2019 8:39:24		-122.361	37.717	2088965.044	6023374.713		2020.725	RS-700	-0.80047459120
2762	9/12/2019 8:39:25		-122.361	37.717	2088963.881	6023376.426		2109.836	RS-700	-0.24002345912
2763	9/12/2019 8:39:26		-122.361	37.717	2088962.828	6023378.083		2155.664	RS-700	0.04820069182
2764	9/12/2019 8:39:27		-122.361	37.717	2088961.670	6023379.564		2144.438	RS-700	-0.02240050314
2765	9/12/2019 8:39:28		-122.361	37.717	2088960.735	6023380.761		2080.952	RS-700	-0.42168805031
2766	9/12/2019 8:39:29		-122.361	37.717	2088959.539	6023382.299		2129.548	RS-700	-0.11605270440
2767	9/12/2019 8:39:30		-122.361	37.717	2088958.343	6023383.866		2106.663	RS-700	-0.25998339623
2768	9/12/2019 8:39:31		-122.361	37.717	2088957.256	6023385.407		2134.442	RS-700	-0.08527276730
2769	9/12/2019 8:39:32		-122.361	37.717	2088955.251	6023387.334		2181.003	RS-700	0.20756389937
2770	9/12/2019 8:39:33		-122.361	37.717	2088953.688	6023389.039		2135.980	RS-700	-0.07559622642
2771	9/12/2019 8:39:34		-122.361	37.717	2088952.417	6023390.692		2096.646	RS-700	-0.32298226415
2772	9/12/2019 8:39:35		-122.361	37.717	2088951.182	6023392.345		2303.289	RS-700	0.97666308176
2773	9/12/2019 8:39:36		-122.361	37.717	2088950.022	6023393.884		2152.202	RS-700	0.02642924528
2774	9/12/2019 8:39:37		-122.361	37.717	2088948.937	6023395.367		2159.555	RS-700	0.07267540881
2775	9/12/2019 8:39:38		-122.361	37.717	2088947.889	6023396.764		2204.790	RS-700	0.35717251572
2776	9/12/2019 8:39:39		-122.361	37.717	2088946.878	6023398.161		2135.764	RS-700	-0.07695616352
2777	9/12/2019 8:39:40		-122.361	37.717	2088945.982	6023399.272		1900.787	RS-700	-1.55479830189
2778	9/12/2019 8:39:41		-122.361	37.717	2088946.456	6023399.223		1419.509	RS-700	-4.58170440252
2779	9/12/2019 8:39:42		-122.361	37.717	2088945.520	6023400.536		987.098	RS-700	-7.30127157233
2780	9/12/2019 8:39:43		-122.361	37.717	2088944.772	6023401.504		843.180	RS-700	-8.20641496855
2781	9/12/2019 8:39:44		-122.361	37.717	2088943.838	6023402.701		1021.054	RS-700	-7.08770968553
2782	9/12/2019 8:39:45		-122.361	37.717	2088943.277	6023403.442		1519.389	RS-700	-3.95352559748
2783	9/12/2019 8:39:46		-122.361	37.717	2088942.229	6023404.839		2101.874	RS-700	-0.29010314465
2784	9/12/2019 8:39:47		-122.361	37.717	2088941.368	6023406.008		2143.091	RS-700	-0.03087220126
2785	9/12/2019 8:39:48		-122.361	37.717	2088940.468	6023407.349		2068.836	RS-700	-0.49788767296
2786	9/12/2019 8:39:49		-122.361	37.717	2088939.534	6023408.517		1836.649	RS-700	-1.95818459119
2787	9/12/2019 8:39:50		-122.361	37.717	2088938.599	6023409.742		1597.827	RS-700	-3.46020924528
2788	9/12/2019 8:39:51		-122.361	37.717	2088937.849	6023410.827		1422.380	RS-700	-4.56364584906
2789	9/12/2019 8:39:52		-122.361	37.717	2088937.102	6023411.767		1561.820	RS-700	-3.68666754717
2790	9/12/2019 8:39:53		-122.361	37.717	2088936.316	6023412.822		1945.599	RS-700	-1.27296345912
2791	9/12/2019 8:39:54		-122.361	37.717	2088935.129	6023413.897		2119.859	RS-700	-0.17698987421
2792	9/12/2019 8:39:55		-122.361	37.717	2088933.865	6023415.203		2091.163	RS-700	-0.35746761006
2793	9/12/2019 8:39:56		-122.361	37.717	2088932.705	6023416.771		2251.726	RS-700	0.65236421384
2794	9/12/2019 8:39:57		-122.361	37.717	2088931.579	6023418.456		2244.142	RS-700	0.60466433962
2795	9/12/2019 8:39:58		-122.361	37.717	2088930.562	6023420.171		2273.900	RS-700	0.79182150943
2796	9/12/2019 8:39:59		-122.361	37.717	2088929.624	6023421.541		2220.138	RS-700	0.45369924528
2797	9/12/2019 8:40:00		-122.361	37.717	2088928.246	6023423.076		2097.858	RS-700	-0.31536150943
2798	9/12/2019 8:40:01		-122.361	37.717	2088926.760	6023424.522		2218.794	RS-700	0.44524723270
2799	9/12/2019 8:40:02		-122.361	37.717	2088925.524	6023426.233		2134.116	RS-700	-0.08731786164
2800	9/12/2019 8:40:03		-122.361	37.717	2088924.290	6023427.887		2201.686	RS-700	0.33764729560
2801	9/12/2019 8:40:04		-122.361	37.717	2088923.021	6023429.395		2302.614	RS-700	0.97241635220
2802	9/12/2019 8:40:05		-122.361	37.717	2088921.862	6023430.905		2187.894	RS-700	0.25090584906
2803	9/12/2019 8:40:06		-122.361	37.717	2088919.297	6023433.544		2255.928	RS-700	0.67879547170
2804	9/12/2019 8:40:07		-122.361	37.717	2088919.395	6023434.096		2292.520	RS-700	0.90893358491
2805	9/12/2019 8:40:08		-122.361	37.717	2088918.194	6023435.895		2214.576	RS-700	0.41871836478

Gamma Scan Survey Results
Survey Unit 4 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
2806	9/12/2019 8:40:09		-122.361	37.717	2088916.959	6023437.548		2288.060	RS-700	0.88087798742
2807	9/12/2019 8:40:10		-122.361	37.717	2088915.763	6023439.087		2176.896	RS-700	0.18173584906
2808	9/12/2019 8:40:11		-122.361	37.717	2088914.602	6023440.713		2247.468	RS-700	0.62558786164
2809	9/12/2019 8:40:12		-122.361	37.717	2088913.367	6023442.395		2124.184	RS-700	-0.14978660377
2810	9/12/2019 8:40:13		-122.361	37.717	2088912.093	6023444.163		2189.000	RS-700	0.25786421384
2811	9/12/2019 8:40:14		-122.361	37.717	2088909.381	6023446.887		2175.773	RS-700	0.17467509434
2812	9/12/2019 8:40:15		-122.361	37.717	2088907.999	6023448.624		2188.223	RS-700	0.25297622642
2813	9/12/2019 8:40:16		-122.361	37.717	2088907.984	6023449.347		2266.036	RS-700	0.74236314465
2814	9/12/2019 8:40:17		-122.361	37.717	2088906.712	6023451.057		2249.576	RS-700	0.63884408805
2815	9/12/2019 8:40:18		-122.361	37.717	2088905.405	6023452.680		2289.577	RS-700	0.89042446541
2816	9/12/2019 8:40:19		-122.361	37.717	2088904.171	6023454.276		2140.770	RS-700	-0.04547440252
2817	9/12/2019 8:40:20		-122.361	37.717	2088901.718	6023456.773		2209.898	RS-700	0.38929773585
2818	9/12/2019 8:40:21		-122.361	37.717	2088900.522	6023458.312		2215.689	RS-700	0.42571672956
2819	9/12/2019 8:40:22		-122.361	37.717	2088900.622	6023458.805		2151.980	RS-700	0.02503050314
2820	9/12/2019 8:40:23		-122.361	37.717	2088898.351	6023461.248		2144.108	RS-700	-0.02448106918
2821	9/12/2019 8:40:24		-122.361	37.717	2088898.487	6023461.772		2056.635	RS-700	-0.57462465409
2822	9/12/2019 8:40:25		-122.361	37.717	2088896.176	6023464.416		2170.994	RS-700	0.14461452830
2823	9/12/2019 8:40:26		-122.361	37.717	2088895.017	6023465.926		2118.433	RS-700	-0.18595911950
2824	9/12/2019 8:40:27		-122.361	37.717	2088893.859	6023467.379		2220.684	RS-700	0.45713056604
2825	9/12/2019 8:40:28		-122.361	37.717	2088892.885	6023468.748		2147.775	RS-700	-0.00141786164
2826	9/12/2019 8:40:29		-122.361	37.717	2088893.428	6023468.933		2142.653	RS-700	-0.03363094340
2827	9/12/2019 8:40:30		-122.361	37.717	2088890.901	6023471.457		2210.565	RS-700	0.39348899371
2828	9/12/2019 8:40:31		-122.361	37.717	2088891.516	6023471.672		2275.813	RS-700	0.80385628931
2829	9/12/2019 8:40:32		-122.361	37.717	2088888.915	6023474.253		2325.595	RS-700	1.11695150943
2830	9/12/2019 8:40:33		-122.361	37.717	2088889.456	6023474.524		2215.469	RS-700	0.42433163522
2831	9/12/2019 8:40:34		-122.361	37.717	2088887.005	6023476.905		2301.509	RS-700	0.96546358491
2832	9/12/2019 8:40:35		-122.361	37.717	2088887.400	6023477.203		2402.219	RS-700	1.59886207547
2833	9/12/2019 8:40:36		-122.361	37.717	2088886.313	6023478.743		2268.810	RS-700	0.75980893082
2834	9/12/2019 8:40:37		-122.361	37.717	2088883.710	6023481.440		2284.172	RS-700	0.85642748428
2835	9/12/2019 8:40:38		-122.361	37.717	2088882.587	6023482.980		2234.682	RS-700	0.54516899371
2836	9/12/2019 8:40:39		-122.361	37.717	2088881.249	6023484.313		2227.909	RS-700	0.50257125786
2837	9/12/2019 8:40:40		-122.361	37.717	2088879.767	6023485.614		2210.780	RS-700	0.39484408805
2838	9/12/2019 8:40:41		-122.361	37.717	2088878.423	6023487.236		2125.197	RS-700	-0.14341710692
2839	9/12/2019 8:40:42		-122.361	37.717	2088877.189	6023488.890		2201.880	RS-700	0.33887075472
2840	9/12/2019 8:40:43		-122.361	37.717	2088876.100	6023490.517		2155.772	RS-700	0.04888169811
2841	9/12/2019 8:40:44		-122.361	37.717	2088875.009	6023492.260		2208.013	RS-700	0.37744257862
2842	9/12/2019 8:40:45		-122.361	37.717	2088873.667	6023493.854		2205.236	RS-700	0.35997698113
2843	9/12/2019 8:40:46		-122.361	37.717	2088874.098	6023494.152		2108.752	RS-700	-0.24684050315
2844	9/12/2019 8:40:47		-122.361	37.717	2088872.680	6023495.859		2160.650	RS-700	0.07956257862
2845	9/12/2019 8:40:48		-122.361	37.717	2088869.856	6023498.696		2175.353	RS-700	0.17203050315
2846	9/12/2019 8:40:49		-122.361	37.717	2088870.286	6023499.023		2111.651	RS-700	-0.22861182390
2847	9/12/2019 8:40:50		-122.361	37.717	2088868.501	6023500.868		2120.864	RS-700	-0.17066849057
2848	9/12/2019 8:40:51		-122.361	37.717	2088866.384	6023502.938		2107.760	RS-700	-0.25307905660
2849	9/12/2019 8:40:52		-122.361	37.717	2088865.449	6023504.163		2076.624	RS-700	-0.44890798742
2850	9/12/2019 8:40:53		-122.361	37.717	2088864.775	6023505.133		1949.086	RS-700	-1.25103226415
2851	9/12/2019 8:40:54		-122.361	37.717	2088864.400	6023505.647		1705.354	RS-700	-2.78393830189
2852	9/12/2019 8:40:55		-122.361	37.717	2088863.723	6023506.733		1953.999	RS-700	-1.22013477987
2853	9/12/2019 8:40:56		-122.361	37.717	2088863.750	6023507.196		2045.744	RS-700	-0.64311974843
2854	9/12/2019 8:40:57		-122.361	37.717	2088863.223	6023508.082		2098.832	RS-700	-0.30923006289
2855	9/12/2019 8:40:58		-122.361	37.717	2088862.844	6023508.798		2095.063	RS-700	-0.33294012579
2856	9/12/2019 8:40:59		-122.361	37.717	2088862.349	6023509.917		2172.565	RS-700	0.15449578616
2857	9/12/2019 8:41:00		-122.361	37.717	2088862.190	6023510.550		2070.430	RS-700	-0.48786465409
2858	9/12/2019 8:41:01		-122.361	37.717	2088862.124	6023510.201		2120.080	RS-700	-0.17559484277
2859	9/12/2019 8:41:02		-122.361	37.717	2088862.161	6023510.173		2083.432	RS-700	-0.40608773585
2860	9/12/2019 8:41:03		-122.361	37.717	2088862.100	6023509.593		2051.221	RS-700	-0.60867308176
2861	9/12/2019 8:41:04		-122.361	37.717	2088861.831	6023508.489		2110.066	RS-700	-0.23857672956
2862	9/12/2019 8:41:05		-122.361	37.717	2088861.124	6023507.375		2064.737	RS-700	-0.52366534591
2863	9/12/2019 8:41:06		-122.361	37.717	2088860.160	6023506.430		2110.188	RS-700	-0.23781144654
2864	9/12/2019 8:41:07		-122.361	37.717	2088858.547	6023505.125		2122.399	RS-700	-0.16101333333
2865	9/12/2019 8:41:08		-122.361	37.717	2088859.115	6023505.860		2083.954	RS-700	-0.40280283019
2866	9/12/2019 8:41:09		-122.361	37.717	2088859.929	6023507.062		2118.980	RS-700	-0.18251786164

Gamma Scan Survey Results
Survey Unit 4 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
2867	9/12/2019 8:41:10		-122.361	37.717	2088862.511	6023509.052		2094.378	RS-700	-0.33724779874
2868	9/12/2019 8:41:11		-122.361	37.717	2088863.882	6023509.744		2145.552	RS-700	-0.01539522013
2869	9/12/2019 8:41:12		-122.361	37.717	2088865.296	6023510.062		2080.523	RS-700	-0.42438446541
2870	9/12/2019 8:41:13		-122.361	37.717	2088866.496	6023510.115		1990.714	RS-700	-0.98922094340
2871	9/12/2019 8:41:14		-122.361	37.717	2088866.313	6023510.169		2069.637	RS-700	-0.49284943396
2872	9/12/2019 8:41:15		-122.361	37.717	2088865.434	6023510.441		2057.621	RS-700	-0.56842427673
2873	9/12/2019 8:41:16		-122.361	37.717	2088864.178	6023511.313		2158.337	RS-700	0.06501471698
2874	9/12/2019 8:41:17		-122.361	37.717	2088863.436	6023511.992		2050.849	RS-700	-0.61101471698
2875	9/12/2019 8:41:18		-122.361	37.717	2088863.806	6023511.710		2067.736	RS-700	-0.50480270440
2876	9/12/2019 8:41:19		-122.361	37.717	2088865.137	6023510.724		2069.325	RS-700	-0.49481163522
2877	9/12/2019 8:41:20		-122.361	37.717	2088866.399	6023509.534		1984.214	RS-700	-1.03009817610
2878	9/12/2019 8:41:21		-122.361	37.717	2088866.848	6023508.936		1639.506	RS-700	-3.19807371069
2879	9/12/2019 8:41:22		-122.361	37.717	2088867.823	6023507.508		1919.880	RS-700	-1.43471396226
2880	9/12/2019 8:41:23		-122.361	37.717	2088867.973	6023507.309		1689.858	RS-700	-2.88139383648
2881	9/12/2019 8:41:24		-122.361	37.717	2088867.897	6023507.423		2052.734	RS-700	-0.59915547170
2882	9/12/2019 8:41:25		-122.361	37.717	2088868.570	6023506.569		2056.323	RS-700	-0.57658723270
2883	9/12/2019 8:41:26		-122.361	37.717	2088868.384	6023506.767		2137.663	RS-700	-0.06500987421
2884	9/12/2019 8:41:27		-122.361	37.717	2088868.944	6023506.084		2178.899	RS-700	0.19433163522
2885	9/12/2019 8:41:28		-122.361	37.717	2088869.734	6023504.827		2135.979	RS-700	-0.07560270440
2886	9/12/2019 8:41:29		-122.361	37.717	2088870.267	6023503.622		2154.560	RS-700	0.04125842767
2887	9/12/2019 8:41:30		-122.361	37.717	2088871.024	6023502.191		2228.686	RS-700	0.50745893082
2888	9/12/2019 8:41:31		-122.361	37.717	2088871.855	6023500.703		2234.239	RS-700	0.54238358491
2889	9/12/2019 8:41:32		-122.361	37.717	2088873.012	6023499.280		2203.462	RS-700	0.34881534591
2890	9/12/2019 8:41:33		-122.361	37.717	2088874.131	6023497.971		2208.465	RS-700	0.38028163522
2891	9/12/2019 8:41:34		-122.361	37.717	2088875.434	6023496.550		2194.673	RS-700	0.29354113208
2892	9/12/2019 8:41:35		-122.361	37.717	2088876.592	6023495.098		2174.656	RS-700	0.16764849057
2893	9/12/2019 8:41:36		-122.361	37.717	2088877.640	6023493.643		2183.686	RS-700	0.22444320755
2894	9/12/2019 8:41:37		-122.361	37.717	2088878.836	6023492.105		2129.413	RS-700	-0.11689641509
2895	9/12/2019 8:41:38		-122.361	37.717	2088879.996	6023490.566		2215.900	RS-700	0.42704295598
2896	9/12/2019 8:41:39		-122.361	37.717	2088881.192	6023489.027		2216.247	RS-700	0.42922333333
2897	9/12/2019 8:41:40		-122.361	37.717	2088882.350	6023487.546		2234.933	RS-700	0.54674528302
2898	9/12/2019 8:41:41		-122.361	37.717	2088883.436	6023486.092		2163.884	RS-700	0.09989622642
2899	9/12/2019 8:41:42		-122.361	37.717	2088884.703	6023484.642		2355.964	RS-700	1.30795056604
2900	9/12/2019 8:41:43		-122.361	37.717	2088885.970	6023483.163		2316.176	RS-700	1.05770874214
2901	9/12/2019 8:41:44		-122.361	37.717	2088887.165	6023481.682		2216.472	RS-700	0.43064012579
2902	9/12/2019 8:41:45		-122.361	37.717	2088888.326	6023480.085		2259.369	RS-700	0.70043540881
2903	9/12/2019 8:41:46		-122.361	37.717	2088889.377	6023478.515		2250.698	RS-700	0.64590113208
2904	9/12/2019 8:41:47		-122.361	37.717	2088890.538	6023476.889		2249.034	RS-700	0.63543641509
2905	9/12/2019 8:41:48		-122.361	37.717	2088892.027	6023475.269		2200.229	RS-700	0.32848251572
2906	9/12/2019 8:41:49		-122.361	37.717	2088893.518	6023473.563		2156.666	RS-700	0.05450433962
2907	9/12/2019 8:41:50		-122.361	37.717	2088894.973	6023471.798		2201.999	RS-700	0.33961918239
2908	9/12/2019 8:41:51		-122.361	37.717	2088896.355	6023470.090		2045.322	RS-700	-0.64577660377
2909	9/12/2019 8:41:52		-122.361	37.717	2088897.552	6023468.465		2151.091	RS-700	0.01943735849
2910	9/12/2019 8:41:53		-122.361	37.717	2088898.680	6023466.723		2173.784	RS-700	0.16216050315
2911	9/12/2019 8:41:54		-122.361	37.717	2088899.842	6023465.068		2135.657	RS-700	-0.07763119497
2912	9/12/2019 8:41:55		-122.361	37.717	2088900.969	6023463.296		2207.012	RS-700	0.37114735849
2913	9/12/2019 8:41:56		-122.361	37.717	2088902.275	6023461.731		2251.026	RS-700	0.64796276730
2914	9/12/2019 8:41:57		-122.361	37.717	2088903.583	6023460.050		2209.129	RS-700	0.38445949686
2915	9/12/2019 8:41:58		-122.361	37.717	2088904.855	6023458.369		2251.243	RS-700	0.64933006289
2916	9/12/2019 8:41:59		-122.361	37.717	2088906.236	6023456.689		2231.022	RS-700	0.52214911950
2917	9/12/2019 8:42:00		-122.361	37.717	2088907.543	6023455.066		2274.472	RS-700	0.79542088050
2918	9/12/2019 8:42:01		-122.361	37.717	2088908.996	6023453.388		2261.918	RS-700	0.71646798742
2919	9/12/2019 8:42:02		-122.361	37.717	2088910.487	6023451.682		2251.467	RS-700	0.65073358491
2920	9/12/2019 8:42:03		-122.361	37.717	2088911.799	6023449.799		2094.740	RS-700	-0.33496698113
2921	9/12/2019 8:42:04		-122.361	37.717	2088913.107	6023448.118		2136.087	RS-700	-0.07492471698
2922	9/12/2019 8:42:05		-122.361	37.717	2088914.596	6023446.499		2123.083	RS-700	-0.15670817610
2923	9/12/2019 8:42:06		-122.361	37.717	2088915.904	6023444.847		2099.063	RS-700	-0.30777962264
2924	9/12/2019 8:42:07		-122.361	37.717	2088917.098	6023443.395		2175.890	RS-700	0.17540836478
2925	9/12/2019 8:42:08		-122.361	37.717	2088918.217	6023442.057		2248.025	RS-700	0.62908937107
2926	9/12/2019 8:42:09		-122.361	37.717	2088919.297	6023440.864		2232.912	RS-700	0.53403779874
2927	9/12/2019 8:42:10		-122.361	37.717	2088920.193	6023439.782		2268.699	RS-700	0.75911528302

Gamma Scan Survey Results
Survey Unit 4 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
2928	9/12/2019 8:42:11		-122.361	37.717	2088921.274	6023438.531		2333.721	RS-700	1.16805452830
2929	9/12/2019 8:42:12		-122.361	37.717	2088922.281	6023437.336		2174.782	RS-700	0.16844327044
2930	9/12/2019 8:42:13		-122.361	37.717	2088923.288	6023436.112		2303.403	RS-700	0.97737742138
2931	9/12/2019 8:42:14		-122.361	37.717	2088924.371	6023434.774		2299.823	RS-700	0.95486132076
2932	9/12/2019 8:42:15		-122.361	37.717	2088925.417	6023433.464		2200.112	RS-700	0.32775113208
2933	9/12/2019 8:42:16		-122.361	37.717	2088926.539	6023432.010		2287.822	RS-700	0.87938616352
2934	9/12/2019 8:42:17		-122.361	37.717	2088927.554	6023430.411		2335.411	RS-700	1.17868698113
2935	9/12/2019 8:42:18		-122.361	37.717	2088928.304	6023429.297		2284.705	RS-700	0.85978069182
2936	9/12/2019 8:42:19		-122.361	37.717	2088928.603	6023428.898		2231.911	RS-700	0.52774402516
2937	9/12/2019 8:42:20		-122.361	37.717	2088928.677	6023428.871		2235.801	RS-700	0.55220742138
2938	9/12/2019 8:42:21		-122.361	37.717	2088929.014	6023428.386		2351.183	RS-700	1.27788339623
2939	9/12/2019 8:42:22		-122.361	37.717	2088929.836	6023427.360		2256.812	RS-700	0.68434943396
2940	9/12/2019 8:42:23		-122.361	37.717	2088930.694	6023426.336		2396.979	RS-700	1.56590610063
2941	9/12/2019 8:42:24		-122.361	37.717	2088931.737	6023425.142		2340.307	RS-700	1.20947515723
2942	9/12/2019 8:42:25		-122.361	37.717	2088932.892	6023423.834		2267.690	RS-700	0.75276509434
2943	9/12/2019 8:42:26		-122.361	37.717	2088934.272	6023422.241		2147.768	RS-700	-0.00146094340
2944	9/12/2019 8:42:27		-122.361	37.717	2088935.652	6023420.591		2175.670	RS-700	0.17402540881
2945	9/12/2019 8:42:28		-122.361	37.717	2088936.885	6023419.024		2106.137	RS-700	-0.26329207547
2946	9/12/2019 8:42:29		-122.361	37.717	2088938.081	6023417.486		2052.738	RS-700	-0.59913207547
2947	9/12/2019 8:42:30		-122.361	37.717	2088939.348	6023416.006		1773.767	RS-700	-2.35366779874
2948	9/12/2019 8:42:31		-122.361	37.717	2088940.543	6023414.555		1701.182	RS-700	-2.81017528302
2949	9/12/2019 8:42:32		-122.361	37.717	2088941.628	6023413.072		1936.700	RS-700	-1.32893106918
2950	9/12/2019 8:42:33		-122.361	37.717	2088942.863	6023411.418		2225.909	RS-700	0.48999635220
2951	9/12/2019 8:42:34		-122.361	37.717	2088943.985	6023409.965		2086.851	RS-700	-0.38458207547
2952	9/12/2019 8:42:35		-122.361	37.717	2088945.214	6023408.572		1873.570	RS-700	-1.72597201258
2953	9/12/2019 8:42:36		-122.361	37.717	2088946.106	6023407.664		1185.254	RS-700	-6.05500811321
2954	9/12/2019 8:42:37		-122.361	37.717	2088947.223	6023406.471		941.197	RS-700	-7.58995421384
2955	9/12/2019 8:42:38		-122.361	37.717	2088947.744	6023405.874		889.095	RS-700	-7.91763918239
2956	9/12/2019 8:42:39		-122.361	37.717	2088948.491	6023404.963		910.054	RS-700	-7.78582270440
2957	9/12/2019 8:42:40		-122.361	37.717	2088949.535	6023403.740		1697.612	RS-700	-2.83263088050
2958	9/12/2019 8:42:41		-122.361	37.717	2088950.768	6023402.173		2129.654	RS-700	-0.11538559748
2959	9/12/2019 8:42:42		-122.361	37.717	2088952.112	6023400.522		2180.782	RS-700	0.20617874214
2960	9/12/2019 8:42:43		-122.361	37.717	2088953.347	6023398.840		2160.559	RS-700	0.07898754717
2961	9/12/2019 8:42:44		-122.361	37.717	2088954.612	6023397.476		2192.674	RS-700	0.28096773585
2962	9/12/2019 8:42:45		-122.361	37.717	2088955.841	6023396.112		2180.229	RS-700	0.20269660377
2963	9/12/2019 8:42:46		-122.361	37.717	2088957.036	6023394.660		2183.231	RS-700	0.22157603774
2964	9/12/2019 8:42:47		-122.361	37.717	2088958.304	6023393.123		2135.532	RS-700	-0.07841459120
2965	9/12/2019 8:42:48		-122.361	37.717	2088959.647	6023391.559		2228.801	RS-700	0.50818245283
2966	9/12/2019 8:42:49		-122.361	37.717	2088960.989	6023389.965		2127.768	RS-700	-0.12724647799
2967	9/12/2019 8:42:50		-122.361	37.717	2088962.184	6023388.485		2160.772	RS-700	0.08032968553
2968	9/12/2019 8:42:51		-122.361	37.717	2088963.119	6023387.259		2117.076	RS-700	-0.19448918239
2969	9/12/2019 8:42:52		-122.361	37.717	2088963.718	6023386.461		2180.216	RS-700	0.20261610063
2970	9/12/2019 8:42:53		-122.361	37.717	2088964.168	6023385.776		2175.997	RS-700	0.17608232704
2971	9/12/2019 8:42:54		-122.361	37.717	2088964.468	6023385.377		2157.528	RS-700	0.05992446541
2972	9/12/2019 8:42:55		-122.361	37.717	2088964.580	6023385.234		2116.077	RS-700	-0.20077157233
2973	9/12/2019 8:42:56		-122.361	37.717	2088964.580	6023385.234		2160.881	RS-700	0.08101540881
2974	9/12/2019 8:42:57		-122.361	37.717	2088964.768	6023384.949		2168.999	RS-700	0.13206842767
2975	9/12/2019 8:42:58		-122.361	37.717	2088965.518	6023383.836		2222.907	RS-700	0.47111075472
2976	9/12/2019 8:42:59		-122.361	37.717	2088966.714	6023382.297		2097.274	RS-700	-0.31903132076
2977	9/12/2019 8:43:00		-122.361	37.717	2088968.023	6023380.558		2135.872	RS-700	-0.07627578616
2978	9/12/2019 8:43:01		-122.361	37.717	2088969.221	6023378.933		2239.687	RS-700	0.57664578616
2979	9/12/2019 8:43:02		-122.361	37.717	2088970.452	6023377.482		2236.033	RS-700	0.55366735849
2980	9/12/2019 8:43:03		-122.361	37.717	2088971.758	6023375.888		2324.600	RS-700	1.11069471698
2981	9/12/2019 8:43:04		-122.361	37.717	2088972.952	6023374.436		2340.840	RS-700	1.21283238994
2982	9/12/2019 8:43:05		-122.361	37.717	2088973.814	6023373.209		2239.799	RS-700	0.57735377359
2983	9/12/2019 8:43:06		-122.361	37.717	2088974.524	6023372.327		2273.040	RS-700	0.78641773585
2984	9/12/2019 8:43:07		-122.361	37.717	2088975.011	6023371.642		2196.788	RS-700	0.30684037736
2985	9/12/2019 8:43:08		-122.361	37.717	2088975.309	6023371.301		2170.319	RS-700	0.14037012579
2986	9/12/2019 8:43:09		-122.361	37.717	2088975.420	6023371.216		2264.603	RS-700	0.73334993711
2987	9/12/2019 8:43:10		-122.361	37.717	2088975.457	6023371.188		2164.668	RS-700	0.10482704403
2988	9/12/2019 8:43:11		-122.361	37.717	2088975.569	6023371.046		2216.129	RS-700	0.42848138365

Gamma Scan Survey Results
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SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
2989	9/12/2019 8:43:12		-122.361	37.717	2088976.127	6023370.478		2197.004	RS-700	0.30820264151
2990	9/12/2019 8:43:13		-122.361	37.717	2088977.244	6023369.227		2234.133	RS-700	0.54171597484
2991	9/12/2019 8:43:14		-122.361	37.717	2088978.663	6023367.491		2261.583	RS-700	0.71435742138
2992	9/12/2019 8:43:15		-122.361	37.717	2088980.156	6023365.640		2185.210	RS-700	0.23402377359
2993	9/12/2019 8:43:16		-122.361	37.717	2088981.578	6023363.759		2158.956	RS-700	0.06890811321
2994	9/12/2019 8:43:17		-122.361	37.717	2088982.851	6023361.962		2117.440	RS-700	-0.19219893082
2995	9/12/2019 8:43:18		-122.361	37.717	2088984.199	6023360.108		2212.571	RS-700	0.40610886793
2996	9/12/2019 8:43:19		-122.361	37.717	2088985.618	6023358.343		2200.118	RS-700	0.32778415094
2997	9/12/2019 8:43:20		-122.361	37.717	2088987.001	6023356.605		2115.286	RS-700	-0.20574943396
2998	9/12/2019 8:43:21		-122.361	37.717	2088988.309	6023354.925		2164.206	RS-700	0.10192490566
2999	9/12/2019 8:43:22		-122.361	37.717	2088989.616	6023353.273		2106.859	RS-700	-0.25874654088
3000	9/12/2019 8:43:23		-122.361	37.717	2088991.033	6023351.594		2137.975	RS-700	-0.06304880503
3001	9/12/2019 8:43:24		-122.361	37.717	2088992.450	6023349.944		2166.779	RS-700	0.11810459120
3002	9/12/2019 8:43:25		-122.361	37.717	2088993.943	6023348.122		2296.283	RS-700	0.93259849057
3003	9/12/2019 8:43:26		-122.361	37.717	2088995.511	6023346.215		2256.807	RS-700	0.68432238994
3004	9/12/2019 8:43:27		-122.361	37.717	2088996.819	6023344.534		2240.691	RS-700	0.58296169811
3005	9/12/2019 8:43:28		-122.361	37.717	2088998.163	6023342.854		2235.361	RS-700	0.54944176101
3006	9/12/2019 8:43:29		-122.361	37.717	2088999.547	6023341.030		2132.971	RS-700	-0.09452220126
3007	9/12/2019 8:43:30		-122.361	37.717	2089000.967	6023339.207		2140.977	RS-700	-0.04416955975
3008	9/12/2019 8:43:31		-122.361	37.717	2089002.425	6023337.326		2169.233	RS-700	0.13354352201
3009	9/12/2019 8:43:32		-122.361	37.717	2089003.920	6023335.418		2197.892	RS-700	0.31378352201
3010	9/12/2019 8:43:33		-122.361	37.717	2089005.378	6023333.537		2109.390	RS-700	-0.24283245283
3011	9/12/2019 8:43:34		-122.361	37.717	2089006.983	6023331.573		2160.445	RS-700	0.07827125786
3012	9/12/2019 8:43:35		-122.361	37.717	2089008.442	6023329.635		2123.064	RS-700	-0.15683037736
3013	9/12/2019 8:43:36		-122.361	37.717	2089009.901	6023327.668		2174.781	RS-700	0.16843452830
3014	9/12/2019 8:43:37		-122.361	37.717	2089011.286	6023325.757		2147.628	RS-700	-0.00233773585
3015	9/12/2019 8:43:38		-122.361	37.717	2089012.673	6023323.788		2103.492	RS-700	-0.27992333333
3016	9/12/2019 8:43:39		-122.361	37.717	2089014.093	6023321.965		2147.556	RS-700	-0.00279459119
3017	9/12/2019 8:43:40		-122.361	37.717	2089015.514	6023320.113		2080.632	RS-700	-0.42369628931
3018	9/12/2019 8:43:41		-122.361	37.717	2089017.046	6023318.147		2035.628	RS-700	-0.70674358491
3019	9/12/2019 8:43:42		-122.361	37.717	2089018.612	6023316.356		2158.774	RS-700	0.06775911950
3020	9/12/2019 8:43:43		-122.361	37.717	2089020.104	6023314.563		2126.405	RS-700	-0.13581572327
3021	9/12/2019 8:43:44		-122.361	37.717	2089021.633	6023312.742		2130.544	RS-700	-0.10978654088
3022	9/12/2019 8:43:45		-122.361	37.717	2089023.090	6023310.919		2084.482	RS-700	-0.39948534591
3023	9/12/2019 8:43:46		-122.361	37.717	2089024.510	6023309.096		2036.630	RS-700	-0.70043811321
3024	9/12/2019 8:43:47		-122.361	37.717	2089025.932	6023307.215		2094.064	RS-700	-0.33922207547
3025	9/12/2019 8:43:48		-122.361	37.717	2089027.463	6023305.307		2221.129	RS-700	0.45993176101
3026	9/12/2019 8:43:49		-122.361	37.717	2089028.919	6023303.484		2076.954	RS-700	-0.44683018868
3027	9/12/2019 8:43:50		-122.361	37.717	2089030.374	6023301.777		2032.226	RS-700	-0.72813704403
3028	9/12/2019 8:43:51		-122.361	37.717	2089031.718	6023300.097		2112.548	RS-700	-0.22296578616
3029	9/12/2019 8:43:52		-122.361	37.717	2089033.100	6023298.389		2095.752	RS-700	-0.32860559748
3030	9/12/2019 8:43:53		-122.361	37.717	2089034.557	6023296.537		2113.852	RS-700	-0.21476584906
3031	9/12/2019 8:43:54		-122.361	37.717	2089035.904	6023294.713		2130.663	RS-700	-0.10903622642
3032	9/12/2019 8:43:55		-122.361	37.717	2089037.360	6023292.948		2180.217	RS-700	0.20262207547
3033	9/12/2019 8:43:56		-122.361	37.717	2089038.562	6023291.091		2090.753	RS-700	-0.36004440252
3034	9/12/2019 8:43:57		-122.361	37.717	2089039.731	6023289.061		2091.750	RS-700	-0.35377069182
3035	9/12/2019 8:43:58		-122.361	37.717	2089041.083	6023287.004		2097.856	RS-700	-0.31537327044
3036	9/12/2019 8:43:59		-122.361	37.717	2089042.719	6023285.330		2198.790	RS-700	0.31943647799
3037	9/12/2019 8:44:00		-122.361	37.717	2089044.392	6023283.628		2150.227	RS-700	0.01400830189
3038	9/12/2019 8:44:01		-122.361	37.717	2089046.135	6023282.042		2135.196	RS-700	-0.08052654088
3039	9/12/2019 8:44:02		-122.361	37.717	2089047.511	6023280.594		2170.990	RS-700	0.14458968554
3040	9/12/2019 8:44:03		-122.361	37.717	2089048.519	6023279.370		2128.078	RS-700	-0.12529301887
3041	9/12/2019 8:44:04		-122.361	37.717	2089049.420	6023277.999		2123.314	RS-700	-0.15525540881
3042	9/12/2019 8:44:05		-122.361	37.717	2089050.287	6023276.541		2075.633	RS-700	-0.45513874214
3043	9/12/2019 8:44:06		-122.361	37.717	2089051.447	6023275.002		1600.626	RS-700	-3.44260616352
3044	9/12/2019 8:44:07		-122.361	37.717	2089052.754	6023273.350		1958.399	RS-700	-1.19245849057
3045	9/12/2019 8:44:08		-122.362	37.717	2089054.137	6023271.555		2117.494	RS-700	-0.19186106918
3046	9/12/2019 8:44:09		-122.362	37.717	2089055.301	6023269.785		2170.997	RS-700	0.14463440252
3047	9/12/2019 8:44:10		-122.362	37.717	2089056.202	6023268.472		1990.208	RS-700	-0.99240264151
3048	9/12/2019 8:44:11		-122.362	37.717	2089056.577	6023267.929		1926.686	RS-700	-1.39190943396
3049	9/12/2019 8:44:12		-122.362	37.717	2089056.990	6023267.272		1682.363	RS-700	-2.92853182390

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SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
3050	9/12/2019 8:44:13		-122.362	37.717	2089057.292	6023266.757		1553.558	RS-700	-3.73863100629
3051	9/12/2019 8:44:14		-122.362	37.717	2089057.405	6023266.586		1444.660	RS-700	-4.42352459119
3052	9/12/2019 8:44:15		-122.362	37.717	2089057.816	6023266.045		1279.376	RS-700	-5.46304553459
3053	9/12/2019 8:44:16		-122.362	37.717	2089058.191	6023265.502		1147.732	RS-700	-6.29099603774
3054	9/12/2019 8:44:17		-122.362	37.717	2089058.713	6023264.876		1139.186	RS-700	-6.34474377358
3055	9/12/2019 8:44:18		-122.362	37.717	2089059.421	6023264.080		1217.223	RS-700	-5.85394113208
3056	9/12/2019 8:44:19		-122.362	37.717	2089060.241	6023263.113		1433.649	RS-700	-4.49277056604
3057	9/12/2019 8:44:20		-122.362	37.717	2089061.177	6023261.859		1934.501	RS-700	-1.34276088050
3058	9/12/2019 8:44:21		-122.362	37.717	2089062.116	6023260.431		2119.973	RS-700	-0.17627081761
3059	9/12/2019 8:44:22		-122.362	37.717	2089063.385	6023258.865		2141.548	RS-700	-0.04057918239
3060	9/12/2019 8:44:23		-122.362	37.717	2089064.620	6023257.212		2077.838	RS-700	-0.44126742138
3061	9/12/2019 8:44:24		-122.362	37.717	2089065.855	6023255.529		2126.870	RS-700	-0.13289534591
3062	9/12/2019 8:44:25		-122.362	37.717	2089066.981	6023253.845		2154.560	RS-700	0.04125679245
3063	9/12/2019 8:44:26		-122.362	37.717	2089068.073	6023252.073		2139.410	RS-700	-0.05402679245
3064	9/12/2019 8:44:27		-122.362	37.717	2089069.381	6023250.363		2228.901	RS-700	0.50880962264
3065	9/12/2019 8:44:28		-122.362	37.717	2089070.580	6023248.709		2100.544	RS-700	-0.29846679245
3066	9/12/2019 8:44:29		-122.362	37.717	2089071.779	6023247.026		2149.198	RS-700	0.00753264151
3067	9/12/2019 8:44:30		-122.362	37.717	2089072.868	6023245.370		2167.669	RS-700	0.12370383648
3068	9/12/2019 8:44:31		-122.362	37.717	2089074.065	6023243.744		2084.546	RS-700	-0.39908025157
3069	9/12/2019 8:44:32		-122.362	37.717	2089075.407	6023242.209		2181.664	RS-700	0.21172031447
3070	9/12/2019 8:44:33		-122.362	37.718	2089076.675	6023240.730		2119.073	RS-700	-0.18192905660
3071	9/12/2019 8:44:34		-122.362	37.718	2089077.982	6023239.107		2134.191	RS-700	-0.08684899371
3072	9/12/2019 8:44:35		-122.362	37.718	2089079.399	6023237.428		2228.241	RS-700	0.50465987421
3073	9/12/2019 8:44:36		-122.362	37.718	2089080.783	6023235.604		2349.657	RS-700	1.26828459119
3074	9/12/2019 8:44:37		-122.362	37.718	2089082.128	6023233.866		2399.102	RS-700	1.57925981132
3075	9/12/2019 8:44:38		-122.362	37.718	2089083.543	6023232.303		2574.179	RS-700	1.10902815249
3076	9/12/2019 8:44:39		-122.362	37.718	2089084.296	6023231.074		2682.231	RS-700	1.42589730205
3077	9/12/2019 8:44:40		-122.362	37.718	2089085.158	6023229.876		2593.064	RS-700	1.16441093842
3078	9/12/2019 8:44:41		-122.362	37.718	2089086.023	6023228.505		2127.444	RS-700	-0.20104466276
3079	9/12/2019 8:44:42		-122.362	37.718	2089086.815	6023227.132		1799.105	RS-700	-1.16391595308
3080	9/12/2019 8:44:43		-122.362	37.718	2089087.606	6023225.817		1605.332	RS-700	-1.73216492669
3081	9/12/2019 8:44:44		-122.362	37.718	2089088.691	6023224.334		2029.725	RS-700	-0.48760932551
3082	9/12/2019 8:44:45		-122.362	37.718	2089089.707	6023222.734		2600.714	RS-700	1.18684331378
3083	9/12/2019 8:44:46		-122.362	37.718	2089091.052	6023221.025		2522.648	RS-700	0.95791222874
3084	9/12/2019 8:44:47		-122.362	37.718	2089092.500	6023219.607		2242.019	RS-700	0.13495384164
3085	9/12/2019 8:44:48		-122.362	37.718	2089093.444	6023217.948		2187.674	RS-700	-0.02441633431
3086	9/12/2019 8:44:49		-122.362	37.718	2089094.417	6023216.637		2180.895	RS-700	-0.04429624633
3087	9/12/2019 8:44:50		-122.362	37.718	2089095.361	6023214.949		2237.690	RS-700	0.56408610063
3088	9/12/2019 8:44:51		-122.362	37.718	2089096.669	6023213.268		2231.135	RS-700	0.52285867925
3089	9/12/2019 8:44:52		-122.362	37.718	2089097.905	6023211.528		2183.684	RS-700	0.22442729560
3090	9/12/2019 8:44:53		-122.362	37.718	2089099.139	6023209.903		2186.025	RS-700	0.23915144654
3091	9/12/2019 8:44:54		-122.362	37.718	2089100.517	6023208.368		2270.381	RS-700	0.76968943396
3092	9/12/2019 8:44:55		-122.362	37.718	2089101.859	6023206.833		2186.688	RS-700	0.24332283019
3093	9/12/2019 8:44:56		-122.362	37.718	2089103.093	6023205.237		2202.898	RS-700	0.34527245283
3094	9/12/2019 8:44:57		-122.362	37.718	2089104.439	6023203.441		2222.246	RS-700	0.46695540881
3095	9/12/2019 8:44:58		-122.362	37.718	2089105.822	6023201.675		2235.578	RS-700	0.55080264151
3096	9/12/2019 8:44:59		-122.362	37.718	2089107.205	6023199.909		2147.441	RS-700	-0.00351289308
3097	9/12/2019 8:45:00		-122.362	37.718	2089108.548	6023198.287		2157.664	RS-700	0.06078081761
3098	9/12/2019 8:45:01		-122.362	37.718	2089109.856	6023196.606		2138.446	RS-700	-0.06009025157
3099	9/12/2019 8:45:02		-122.362	37.718	2089111.128	6023194.924		2110.546	RS-700	-0.23555811321
3100	9/12/2019 8:45:03		-122.362	37.718	2089112.473	6023193.215		2237.698	RS-700	0.56413603774
3101	9/12/2019 8:45:04		-122.362	37.718	2089113.897	6023191.219		2136.867	RS-700	-0.07002194969
3102	9/12/2019 8:45:05		-122.362	37.718	2089115.246	6023189.307		2161.668	RS-700	0.08596201258
3103	9/12/2019 8:45:06		-122.362	37.718	2089116.593	6023187.511		2200.567	RS-700	0.33060761006
3104	9/12/2019 8:45:07		-122.362	37.718	2089117.977	6023185.658		2214.458	RS-700	0.41797710692
3105	9/12/2019 8:45:08		-122.362	37.718	2089119.324	6023183.834		2209.463	RS-700	0.38655660377
3106	9/12/2019 8:45:09		-122.362	37.718	2089120.783	6023181.924		2163.090	RS-700	0.09490345912
3107	9/12/2019 8:45:10		-122.362	37.718	2089122.276	6023180.102		2241.256	RS-700	0.58651270440
3108	9/12/2019 8:45:11		-122.362	37.718	2089123.734	6023178.193		2253.920	RS-700	0.66616075472
3109	9/12/2019 8:45:12		-122.362	37.718	2089125.192	6023176.284		2300.940	RS-700	0.96188383648
3110	9/12/2019 8:45:13		-122.362	37.718	2089126.650	6023174.432		2244.345	RS-700	0.60594559748

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SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
3111	9/12/2019 8:45:14		-122.362	37.718	2089127.996	6023172.637		2263.148	RS-700	0.72420182390
3112	9/12/2019 8:45:15		-122.362	37.718	2089129.490	6023170.786		2251.030	RS-700	0.64798471698
3113	9/12/2019 8:45:16		-122.362	37.718	2089130.945	6023169.021		2312.515	RS-700	1.03468679245
3114	9/12/2019 8:45:17		-122.362	37.718	2089132.439	6023167.170		2358.963	RS-700	1.32681194969
3115	9/12/2019 8:45:18		-122.362	37.718	2089134.045	6023165.177		2257.580	RS-700	0.68918540881
3116	9/12/2019 8:45:19		-122.362	37.718	2089135.543	6023163.095		2336.956	RS-700	1.18840490566
3117	9/12/2019 8:45:20		-122.362	37.718	2089137.041	6023161.013		2227.982	RS-700	0.50303308176
3118	9/12/2019 8:45:21		-122.362	37.718	2089138.574	6023158.990		2263.171	RS-700	0.72434698113
3119	9/12/2019 8:45:22		-122.362	37.718	2089140.036	6023156.936		2295.279	RS-700	0.92628408805
3120	9/12/2019 8:45:23		-122.362	37.718	2089141.383	6023155.111		2307.184	RS-700	1.00115786164
3121	9/12/2019 8:45:24		-122.362	37.718	2089142.836	6023153.462		2220.787	RS-700	0.45777685535
3122	9/12/2019 8:45:25		-122.362	37.718	2089144.110	6023151.694		2346.607	RS-700	1.24909962264
3123	9/12/2019 8:45:26		-122.362	37.718	2089145.345	6023150.011		2219.129	RS-700	0.44735106918
3124	9/12/2019 8:45:27		-122.362	37.718	2089146.767	6023148.101		2273.390	RS-700	0.78861622642
3125	9/12/2019 8:45:28		-122.362	37.718	2089148.297	6023146.251		2392.850	RS-700	1.53993666667
3126	9/12/2019 8:45:29		-122.362	37.718	2089149.791	6023144.372		2213.231	RS-700	0.41026069182
3127	9/12/2019 8:45:30		-122.362	37.718	2089151.214	6023142.433		2289.281	RS-700	0.88855729560
3128	9/12/2019 8:45:31		-122.362	37.718	2089152.598	6023140.580		2210.911	RS-700	0.39566654088
3129	9/12/2019 8:45:32		-122.362	37.718	2089153.945	6023138.784		2238.579	RS-700	0.56968144654
3130	9/12/2019 8:45:33		-122.362	37.718	2089155.329	6023136.931		2194.574	RS-700	0.29292018868
3131	9/12/2019 8:45:34		-122.362	37.718	2089156.753	6023134.934		2313.758	RS-700	1.04250081761
3132	9/12/2019 8:45:35		-122.362	37.718	2089158.064	6023133.109		2268.490	RS-700	0.75779672956
3133	9/12/2019 8:45:36		-122.362	37.718	2089159.375	6023131.254		2189.224	RS-700	0.25926943396
3134	9/12/2019 8:45:37		-122.362	37.718	2089160.725	6023129.314		2132.981	RS-700	-0.09446220126
3135	9/12/2019 8:45:38		-122.362	37.718	2089162.186	6023127.289		2220.454	RS-700	0.45568283019
3136	9/12/2019 8:45:39		-122.362	37.718	2089163.676	6023125.583		2277.494	RS-700	0.81442647799
3137	9/12/2019 8:45:40		-122.362	37.718	2089164.755	6023124.476		2319.951	RS-700	1.08145578616
3138	9/12/2019 8:45:41		-122.362	37.718	2089166.049	6023123.460		2267.931	RS-700	0.75428522013
3139	9/12/2019 8:45:42		-122.362	37.718	2089166.641	6023123.009		2205.679	RS-700	0.36276037736
3140	9/12/2019 8:45:43		-122.362	37.718	2089166.605	6023123.009		2257.919	RS-700	0.69131496855
3141	9/12/2019 8:45:44		-122.362	37.718	2089166.679	6023122.923		2211.351	RS-700	0.39843308176
3142	9/12/2019 8:45:45		-122.362	37.718	2089167.271	6023122.472		2201.118	RS-700	0.33407345912
3143	9/12/2019 8:45:46		-122.362	37.718	2089166.900	6023122.812		2252.346	RS-700	0.65626364780
3144	9/12/2019 8:45:47		-122.362	37.718	2089165.422	6023123.882		2289.021	RS-700	0.88692484277
3145	9/12/2019 8:45:48		-122.362	37.718	2089164.203	6023124.725		2238.251	RS-700	0.56761522013
3146	9/12/2019 8:45:49		-122.362	37.718	2089164.054	6023124.896		2188.893	RS-700	0.25718911950
3147	9/12/2019 8:45:50		-122.362	37.718	2089164.392	6023124.411		2166.897	RS-700	0.11885138365
3148	9/12/2019 8:45:51		-122.362	37.718	2089165.021	6023123.874		2148.667	RS-700	0.00419672956
3149	9/12/2019 8:45:52		-122.362	37.718	2089165.903	6023123.486		2235.690	RS-700	0.55151163522
3150	9/12/2019 8:45:53		-122.362	37.718	2089166.963	6023123.305		2147.306	RS-700	-0.00436194969
3151	9/12/2019 8:45:54		-122.362	37.718	2089167.547	6023123.259		2161.681	RS-700	0.08604566038
3152	9/12/2019 8:45:55		-122.362	37.718	2089168.053	6023123.442		2199.339	RS-700	0.32288616352
3153	9/12/2019 8:45:56		-122.362	37.718	2089168.486	6023123.625		2198.555	RS-700	0.31795723270
3154	9/12/2019 8:45:57		-122.362	37.718	2089169.099	6023123.926		2145.564	RS-700	-0.01531823899
3155	9/12/2019 8:45:58		-122.362	37.718	2089170.224	6023124.151		2205.006	RS-700	0.35852918239
3156	9/12/2019 8:45:59		-122.362	37.718	2089171.465	6023124.002		2279.824	RS-700	0.82908345912
3157	9/12/2019 8:46:00		-122.362	37.718	2089172.641	6023123.447		2260.923	RS-700	0.71020459120
3158	9/12/2019 8:46:01		-122.362	37.718	2089173.383	6023122.796		2230.034	RS-700	0.51593805031
3159	9/12/2019 8:46:02		-122.362	37.718	2089173.120	6023123.196		2313.289	RS-700	1.03955075472
3160	9/12/2019 8:46:03		-122.362	37.718	2089172.146	6023124.536		2198.787	RS-700	0.31941452830
3161	9/12/2019 8:46:04		-122.362	37.718	2089171.774	6023124.963		2277.042	RS-700	0.81158176101
3162	9/12/2019 8:46:05		-122.362	37.718	2089172.255	6023124.567		2274.917	RS-700	0.79821861635
3163	9/12/2019 8:46:06		-122.362	37.718	2089172.887	6023123.915		2358.137	RS-700	1.32161849057
3164	9/12/2019 8:46:07		-122.362	37.718	2089173.491	6023122.827		2211.362	RS-700	0.39850062893
3165	9/12/2019 8:46:08		-122.362	37.718	2089173.818	6023121.069		2251.701	RS-700	0.65220635220
3166	9/12/2019 8:46:09		-122.362	37.718	2089173.342	6023119.382		2250.036	RS-700	0.64173704403
3167	9/12/2019 8:46:10		-122.362	37.718	2089172.495	6023117.976		2277.354	RS-700	0.81354786164
3168	9/12/2019 8:46:11		-122.362	37.718	2089171.534	6023116.858		2314.175	RS-700	1.04512459119
3169	9/12/2019 8:46:12		-122.362	37.718	2089170.246	6023115.733		2264.941	RS-700	0.73547962264
3170	9/12/2019 8:46:13		-122.362	37.718	2089169.021	6023115.043		2226.580	RS-700	0.49421610063
3171	9/12/2019 8:46:14		-122.362	37.718	2089168.157	6023114.534		2211.043	RS-700	0.39649597484

Gamma Scan Survey Results
Survey Unit 4 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
3172	9/12/2019 8:46:15		-122.362	37.718	2089168.373	6023114.683		2264.704	RS-700	0.73398937107
3173	9/12/2019 8:46:16		-122.362	37.718	2089169.774	6023115.665		2243.138	RS-700	0.59835132076
3174	9/12/2019 8:46:17		-122.362	37.718	2089171.316	6023116.853		2205.122	RS-700	0.35925654088
3175	9/12/2019 8:46:18		-122.362	37.718	2089172.608	6023117.834		2271.911	RS-700	0.77931459120
3176	9/12/2019 8:46:19		-122.362	37.718	2089173.218	6023118.280		2231.715	RS-700	0.52651000000
3177	9/12/2019 8:46:20		-122.362	37.718	2089172.787	6023117.953		2265.036	RS-700	0.73607635220
3178	9/12/2019 8:46:21		-122.362	37.718	2089171.887	6023117.443		2268.927	RS-700	0.76054584906
3179	9/12/2019 8:46:22		-122.362	37.718	2089171.024	6023116.876		2211.015	RS-700	0.39632276730
3180	9/12/2019 8:46:23		-122.362	37.718	2089170.349	6023116.024		2391.589	RS-700	1.53200622642
3181	9/12/2019 8:46:24		-122.362	37.718	2089169.862	6023114.857		2287.382	RS-700	0.87661345912
3182	9/12/2019 8:46:25		-122.362	37.718	2089169.669	6023113.609		2388.098	RS-700	1.51004943396
3183	9/12/2019 8:46:26		-122.362	37.718	2089169.840	6023112.311		2285.592	RS-700	0.86536081761
3184	9/12/2019 8:46:27		-122.362	37.718	2089170.296	6023111.365		2327.192	RS-700	1.12699352201
3185	9/12/2019 8:46:28		-122.362	37.718	2089171.076	6023110.600		2225.909	RS-700	0.48999496855
3186	9/12/2019 8:46:29		-122.362	37.718	2089172.070	6023110.070		2292.509	RS-700	0.90885874214
3187	9/12/2019 8:46:30		-122.362	37.718	2089172.874	6023109.912		2314.065	RS-700	1.04443163522
3188	9/12/2019 8:46:31		-122.362	37.718	2089173.679	6023109.726		2251.812	RS-700	0.65290471698
3189	9/12/2019 8:46:32		-122.362	37.718	2089174.196	6023109.389		2306.165	RS-700	0.99474754717
3190	9/12/2019 8:46:33		-122.362	37.718	2089173.599	6023110.100		2331.721	RS-700	1.15547528302
3191	9/12/2019 8:46:34		-122.362	37.718	2089172.512	6023111.641		2230.019	RS-700	0.51584220126
3192	9/12/2019 8:46:35		-122.362	37.718	2089171.646	6023113.070		2294.049	RS-700	0.91854716981
3193	9/12/2019 8:46:36		-122.362	37.718	2089171.194	6023113.813		2315.398	RS-700	1.05282050314
3194	9/12/2019 8:46:37		-122.362	37.718	2089171.533	6023113.241		2360.081	RS-700	1.33384081761
3195	9/12/2019 8:46:38		-122.362	37.718	2089171.951	6023112.382		2338.683	RS-700	1.19926591195
3196	9/12/2019 8:46:39		-122.362	37.718	2089172.772	6023111.415		2259.566	RS-700	0.70167320755
3197	9/12/2019 8:46:40		-122.362	37.718	2089173.590	6023110.563		2318.634	RS-700	1.07317257862
3198	9/12/2019 8:46:41		-122.362	37.718	2089174.110	6023110.052		2339.856	RS-700	1.20664264151
3199	9/12/2019 8:46:42		-122.362	37.718	2089175.000	6023109.260		2362.325	RS-700	1.34795314465
3200	9/12/2019 8:46:43		-122.362	37.718	2089176.260	6023108.128		2351.962	RS-700	1.28277874214
3201	9/12/2019 8:46:44		-122.362	37.718	2089177.522	6023106.967		2304.705	RS-700	0.98556849057
3202	9/12/2019 8:46:45		-122.362	37.718	2089178.642	6023105.601		2299.169	RS-700	0.95075037736
3203	9/12/2019 8:46:46		-122.362	37.718	2089179.689	6023104.204		2333.068	RS-700	1.16394955975
3204	9/12/2019 8:46:47		-122.362	37.718	2089180.589	6023102.891		2296.594	RS-700	0.93455421384
3205	9/12/2019 8:46:48		-122.362	37.718	2089181.452	6023101.635		2320.051	RS-700	1.08208371069
3206	9/12/2019 8:46:49		-122.362	37.718	2089182.276	6023100.494		2254.698	RS-700	0.67105396226
3207	9/12/2019 8:46:50		-122.362	37.718	2089183.174	6023099.268		2252.807	RS-700	0.65916446541
3208	9/12/2019 8:46:51		-122.362	37.718	2089184.073	6023098.013		2228.467	RS-700	0.50608025157
3209	9/12/2019 8:46:52		-122.362	37.718	2089184.747	6023097.101		2229.573	RS-700	0.51303628931
3210	9/12/2019 8:46:53		-122.362	37.718	2089185.083	6023096.703		2186.467	RS-700	0.24193037736
3211	9/12/2019 8:46:54		-122.362	37.718	2089185.119	6023096.703		2302.818	RS-700	0.97369968554
3212	9/12/2019 8:46:55		-122.362	37.718	2089185.083	6023096.703		2303.702	RS-700	0.97925962264
3213	9/12/2019 8:46:56		-122.362	37.718	2089185.119	6023096.703		2274.038	RS-700	0.79269037736
3214	9/12/2019 8:46:57		-122.362	37.718	2089185.119	6023096.703		2256.148	RS-700	0.68017855346
3215	9/12/2019 8:46:58		-122.362	37.718	2089185.119	6023096.703		2261.808	RS-700	0.71577132076
3216	9/12/2019 8:46:59		-122.362	37.718	2089185.119	6023096.703		2227.244	RS-700	0.49838855346
3217	9/12/2019 8:47:00		-122.362	37.718	2089185.119	6023096.703		2292.590	RS-700	0.90937327044
3218	9/12/2019 8:47:01		-122.362	37.718	2089185.083	6023096.703		2234.688	RS-700	0.54520591195
3219	9/12/2019 8:47:02		-122.362	37.718	2089185.083	6023096.703		2320.483	RS-700	1.08480000000
3220	9/12/2019 8:47:03		-122.362	37.718	2089185.083	6023096.703		2298.050	RS-700	0.94370943396
3221	9/12/2019 8:47:04		-122.362	37.718	2089185.119	6023096.703		2233.023	RS-700	0.53473616352
3222	9/12/2019 8:47:05		-122.362	37.718	2089185.119	6023096.703		2258.923	RS-700	0.69763201258
3223	9/12/2019 8:47:06		-122.362	37.718	2089185.119	6023096.703		2392.859	RS-700	1.53999301887
3224	9/12/2019 8:47:07		-122.362	37.718	2089185.418	6023096.333		2325.718	RS-700	1.11772553459
3225	9/12/2019 8:47:08		-122.362	37.718	2089186.275	6023095.338		2279.935	RS-700	0.82978100629
3226	9/12/2019 8:47:09		-122.362	37.718	2089187.468	6023093.944		2278.269	RS-700	0.81930238994
3227	9/12/2019 8:47:10		-122.362	37.718	2089188.740	6023092.262		2335.975	RS-700	1.18223088050
3228	9/12/2019 8:47:11		-122.362	37.718	2089190.085	6023090.582		2468.893	RS-700	2.01819257862
3229	9/12/2019 8:47:12		-122.362	37.718	2089191.507	6023088.672		2375.850	RS-700	1.43301742138
3230	9/12/2019 8:47:13		-122.362	37.718	2089193.072	6023086.852		2453.757	RS-700	1.92299792453
3231	9/12/2019 8:47:14		-122.362	37.718	2089194.411	6023085.461		2301.408	RS-700	0.96483270440
3232	9/12/2019 8:47:15		-122.362	37.718	2089195.152	6023084.810		2483.017	RS-700	2.10702251572

Gamma Scan Survey Results
Survey Unit 4 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
3233	9/12/2019 8:47:16		-122.362	37.718	2089195.152	6023084.839		2386.976	RS-700	1.50299628931
3234	9/12/2019 8:47:17		-122.362	37.718	2089194.002	6023085.887		2435.353	RS-700	1.80725018868
3235	9/12/2019 8:47:18		-122.362	37.718	2089193.109	6023086.824		2473.022	RS-700	2.04416616352
3236	9/12/2019 8:47:19		-122.362	37.718	2089192.850	6023087.050		2375.733	RS-700	1.43228352201
3237	9/12/2019 8:47:20		-122.362	37.718	2089193.555	6023086.399		2341.069	RS-700	1.21426924528
3238	9/12/2019 8:47:21		-122.362	37.718	2089194.635	6023085.205		2347.948	RS-700	1.25753327044
3239	9/12/2019 8:47:22		-122.362	37.718	2089195.796	6023083.579		2324.949	RS-700	1.11288704403
3240	9/12/2019 8:47:23		-122.362	37.718	2089197.139	6023081.957		2316.832	RS-700	1.06183691824
3241	9/12/2019 8:47:24		-122.362	37.718	2089198.381	6023079.985		2288.358	RS-700	0.88275628931
3242	9/12/2019 8:47:25		-122.362	37.718	2089199.658	6023078.015		2319.833	RS-700	1.08070855346
3243	9/12/2019 8:47:26		-122.362	37.718	2089201.081	6023076.076		2322.176	RS-700	1.09544924528
3244	9/12/2019 8:47:27		-122.362	37.718	2089202.319	6023074.249		2379.735	RS-700	1.45745169811
3245	9/12/2019 8:47:28		-122.362	37.718	2089203.627	6023072.539		2280.045	RS-700	0.83047465409
3246	9/12/2019 8:47:29		-122.362	37.718	2089204.644	6023070.852		2319.064	RS-700	1.07587113208
3247	9/12/2019 8:47:30		-122.362	37.718	2089205.696	6023069.253		2338.718	RS-700	1.19948345912
3248	9/12/2019 8:47:31		-122.362	37.718	2089206.854	6023067.772		2429.604	RS-700	1.77109415094
3249	9/12/2019 8:47:32		-122.362	37.718	2089207.795	6023066.228		2419.995	RS-700	1.71066000000
3250	9/12/2019 8:47:33		-122.362	37.718	2089208.515	6023064.854		2378.602	RS-700	1.45032402516
3251	9/12/2019 8:47:34		-122.362	37.718	2089209.373	6023063.830		2492.556	RS-700	2.16701679245
3252	9/12/2019 8:47:35		-122.362	37.718	2089210.116	6023063.092		2422.772	RS-700	1.72812446541
3253	9/12/2019 8:47:36		-122.362	37.718	2089210.749	6023062.382		2460.880	RS-700	1.96779786164
3254	9/12/2019 8:47:37		-122.362	37.718	2089211.611	6023061.184		2318.410	RS-700	1.07176301887
3255	9/12/2019 8:47:38		-122.362	37.718	2089212.913	6023059.792		2278.377	RS-700	0.81998276730
3256	9/12/2019 8:47:39		-122.362	37.718	2089214.513	6023058.088		2259.806	RS-700	0.70318433962
3257	9/12/2019 8:47:40		-122.362	37.718	2089215.792	6023056.059		2267.808	RS-700	0.75350836478
3258	9/12/2019 8:47:41		-122.362	37.718	2089217.144	6023053.974		2179.903	RS-700	0.20064603774
3259	9/12/2019 8:47:42		-122.362	37.718	2089218.676	6023052.038		2202.680	RS-700	0.34389911950
3260	9/12/2019 8:47:43		-122.362	37.718	2089220.205	6023050.217		2196.227	RS-700	0.30331496855
3261	9/12/2019 8:47:44		-122.362	37.718	2089221.662	6023048.365		2226.687	RS-700	0.49488578616
3262	9/12/2019 8:47:45		-122.362	37.718	2089223.009	6023046.569		2195.450	RS-700	0.29842968554
3263	9/12/2019 8:47:46		-122.362	37.718	2089224.427	6023044.891		2161.674	RS-700	0.08600113208
3264	9/12/2019 8:47:47		-122.362	37.718	2089225.805	6023043.327		2229.248	RS-700	0.51099616352
3265	9/12/2019 8:47:48		-122.362	37.718	2089226.967	6023041.672		2113.647	RS-700	-0.21605383648
3266	9/12/2019 8:47:49		-122.362	37.718	2089228.238	6023040.019		2220.133	RS-700	0.45366477987
3267	9/12/2019 8:47:50		-122.362	37.718	2089229.403	6023038.220		2213.683	RS-700	0.41309937107
3268	9/12/2019 8:47:51		-122.362	37.718	2089230.457	6023036.505		2235.928	RS-700	0.55300440252
3269	9/12/2019 8:47:52		-122.362	37.718	2089231.365	6023034.816		2210.687	RS-700	0.39425723270
3270	9/12/2019 8:47:53		-122.362	37.718	2089232.271	6023033.214		2212.355	RS-700	0.40474534591
3271	9/12/2019 8:47:54		-122.362	37.718	2089233.359	6023031.616		2154.239	RS-700	0.03923704403
3272	9/12/2019 8:47:55		-122.362	37.718	2089234.445	6023030.104		2200.231	RS-700	0.32849911950
3273	9/12/2019 8:47:56		-122.362	37.718	2089235.459	6023028.562		2259.917	RS-700	0.70387742138
3274	9/12/2019 8:47:57		-122.362	37.718	2089236.392	6023027.395		2186.235	RS-700	0.24046987421
3275	9/12/2019 8:47:58		-122.362	37.718	2089237.439	6023026.027		2231.022	RS-700	0.52214836478
3276	9/12/2019 8:47:59		-122.362	37.718	2089238.748	6023024.317		2204.671	RS-700	0.35642213837
3277	9/12/2019 8:48:00		-122.362	37.718	2089240.022	6023022.549		2230.128	RS-700	0.51652823899
3278	9/12/2019 8:48:01		-122.362	37.718	2089241.368	6023020.753		2215.003	RS-700	0.42140213837
3279	9/12/2019 8:48:02		-122.362	37.718	2089242.641	6023019.014		2254.915	RS-700	0.67242364780
3280	9/12/2019 8:48:03		-122.362	37.718	2089243.951	6023017.246		2331.077	RS-700	1.15142666667
3281	9/12/2019 8:48:04		-122.362	37.718	2089245.184	6023015.679		2144.867	RS-700	-0.01970679245
3282	9/12/2019 8:48:05		-122.362	37.718	2089246.454	6023014.085		2240.250	RS-700	0.58018786164
3283	9/12/2019 8:48:06		-122.362	37.718	2089247.800	6023012.347		2333.563	RS-700	1.16706465409
3284	9/12/2019 8:48:07		-122.362	37.718	2089249.144	6023010.695		2149.996	RS-700	0.01255471698
3285	9/12/2019 8:48:08		-122.362	37.718	2089250.562	6023008.959		2303.594	RS-700	0.97857811321
3286	9/12/2019 8:48:09		-122.362	37.718	2089252.053	6023007.224		2209.903	RS-700	0.38932496855
3287	9/12/2019 8:48:10		-122.362	37.718	2089253.546	6023005.431		2161.999	RS-700	0.08804679245
3288	9/12/2019 8:48:11		-122.362	37.718	2089254.966	6023003.608		2298.841	RS-700	0.94868584906
3289	9/12/2019 8:48:12		-122.362	37.718	2089256.423	6023001.756		2211.587	RS-700	0.39991867925
3290	9/12/2019 8:48:13		-122.362	37.718	2089257.920	6022999.761		2217.682	RS-700	0.43824842767
3291	9/12/2019 8:48:14		-122.362	37.718	2089259.415	6022997.824		2131.870	RS-700	-0.10144610063
3292	9/12/2019 8:48:15		-122.362	37.718	2089260.837	6022995.914		2303.283	RS-700	0.97661968554
3293	9/12/2019 8:48:16		-122.362	37.718	2089262.294	6022994.062		2275.044	RS-700	0.79902132076

Gamma Scan Survey Results
Survey Unit 4 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
3294	9/12/2019 8:48:17		-122.362	37.718	2089263.712	6022992.354		2241.570	RS-700	0.58849094340
3295	9/12/2019 8:48:18		-122.362	37.718	2089265.132	6022990.560		2325.613	RS-700	1.11706207547
3296	9/12/2019 8:48:19		-122.362	37.718	2089266.588	6022988.738		2240.029	RS-700	0.57880113208
3297	9/12/2019 8:48:20		-122.363	37.718	2089268.046	6022986.886		2351.779	RS-700	1.28162698113
3298	9/12/2019 8:48:21		-122.363	37.718	2089269.391	6022985.177		2381.614	RS-700	1.46926867925
3299	9/12/2019 8:48:22		-122.363	37.718	2089270.736	6022983.439		2316.831	RS-700	1.06183301887
3300	9/12/2019 8:48:23		-122.363	37.718	2089272.085	6022981.557		2319.683	RS-700	1.07976496855
3301	9/12/2019 8:48:24		-122.363	37.718	2089273.469	6022979.704		2365.327	RS-700	1.36683503145
3302	9/12/2019 8:48:25		-122.363	37.718	2089274.820	6022977.734		2398.725	RS-700	1.57688572327
3303	9/12/2019 8:48:26		-122.363	37.718	2089276.313	6022975.884		2312.290	RS-700	1.03327125786
3304	9/12/2019 8:48:27		-122.363	37.718	2089277.625	6022974.029		2369.968	RS-700	1.39602484277
3305	9/12/2019 8:48:28		-122.363	37.718	2089278.972	6022972.205		2383.205	RS-700	1.47927911950
3306	9/12/2019 8:48:29		-122.363	37.718	2089280.281	6022970.466		2273.937	RS-700	0.79205647799
3307	9/12/2019 8:48:30		-122.363	37.718	2089281.701	6022968.672		2391.575	RS-700	1.53191842767
3308	9/12/2019 8:48:31		-122.363	37.718	2089283.120	6022966.906		2373.968	RS-700	1.42118490566
3309	9/12/2019 8:48:32		-122.363	37.718	2089284.395	6022965.080		2300.336	RS-700	0.95809031447
3310	9/12/2019 8:48:33		-122.363	37.718	2089285.737	6022963.516		2330.950	RS-700	1.15063157233
3311	9/12/2019 8:48:34		-122.363	37.718	2089287.117	6022961.894		2273.382	RS-700	0.78856408805
3312	9/12/2019 8:48:35		-122.363	37.718	2089288.497	6022960.244		2348.846	RS-700	1.26318125786
3313	9/12/2019 8:48:36		-122.363	37.718	2089289.845	6022958.419		2356.838	RS-700	1.31344358491
3314	9/12/2019 8:48:37		-122.363	37.718	2089291.119	6022956.622		2319.424	RS-700	1.07813754717
3315	9/12/2019 8:48:38		-122.363	37.718	2089292.461	6022955.057		2321.717	RS-700	1.09255911950
3316	9/12/2019 8:48:39		-122.363	37.718	2089293.585	6022953.460		2355.718	RS-700	1.30640515723
3317	9/12/2019 8:48:40		-122.363	37.718	2089294.559	6022952.090		2285.932	RS-700	0.86749949686
3318	9/12/2019 8:48:41		-122.363	37.718	2089295.234	6022951.149		2276.931	RS-700	0.81088943396
3319	9/12/2019 8:48:42		-122.363	37.718	2089295.308	6022951.064		2346.954	RS-700	1.25128415094
3320	9/12/2019 8:48:43		-122.363	37.718	2089294.382	6022951.826		2395.195	RS-700	1.55468817610
3321	9/12/2019 8:48:44		-122.363	37.718	2089292.295	6022952.421		2338.598	RS-700	1.19873094340
3322	9/12/2019 8:48:45		-122.363	37.718	2089290.245	6022952.930		2299.170	RS-700	0.95075213837
3323	9/12/2019 8:48:46		-122.363	37.718	2089289.474	6022953.233		2212.794	RS-700	0.40750716981
3324	9/12/2019 8:48:47		-122.363	37.718	2089289.733	6022953.065		2332.953	RS-700	1.16322899371
3325	9/12/2019 8:48:48		-122.363	37.718	2089290.615	6022952.619		2290.042	RS-700	0.89334509434
3326	9/12/2019 8:48:49		-122.363	37.718	2089291.676	6022952.409		2300.400	RS-700	0.95848798742
3327	9/12/2019 8:48:50		-122.363	37.718	2089293.056	6022952.581		2281.045	RS-700	0.83676308176
3328	9/12/2019 8:48:51		-122.363	37.718	2089294.281	6022953.242		2233.357	RS-700	0.53683421384
3329	9/12/2019 8:48:52		-122.363	37.718	2089295.391	6022954.219		2325.599	RS-700	1.11697465409
3330	9/12/2019 8:48:53		-122.363	37.718	2089296.029	6022955.099		2306.953	RS-700	0.99970396226
3331	9/12/2019 8:48:54		-122.363	37.718	2089296.346	6022955.655		2153.228	RS-700	0.03288182390
3332	9/12/2019 8:48:55		-122.363	37.718	2089297.056	6022956.537		2259.582	RS-700	0.70177339623
3333	9/12/2019 8:48:56		-122.363	37.718	2089297.626	6022957.185		2253.473	RS-700	0.66335188679
3334	9/12/2019 8:48:57		-122.363	37.718	2089297.413	6022956.921		2223.473	RS-700	0.47467100629
3335	9/12/2019 8:48:58		-122.363	37.718	2089297.236	6022956.686		2189.112	RS-700	0.25856830189
3336	9/12/2019 8:48:59		-122.363	37.718	2089296.269	6022955.827		2310.712	RS-700	1.02334553459
3337	9/12/2019 8:49:00		-122.363	37.718	2089295.347	6022954.594		2198.904	RS-700	0.32015176101
3338	9/12/2019 8:49:01		-122.363	37.718	2089294.836	6022952.819		2306.829	RS-700	0.99892251572
3339	9/12/2019 8:49:02		-122.363	37.718	2089294.916	6022950.622		2265.824	RS-700	0.74103327044
3340	9/12/2019 8:49:03		-122.363	37.718	2089294.884	6022950.390		2286.592	RS-700	0.87164987421
3341	9/12/2019 8:49:04		-122.363	37.718	2089294.938	6022951.346		2292.064	RS-700	0.90606352201
3342	9/12/2019 8:49:05		-122.363	37.718	2089295.102	6022952.246		2266.697	RS-700	0.74652339623
3343	9/12/2019 8:49:06		-122.363	37.718	2089295.046	6022953.257		2311.833	RS-700	1.03039597484
3344	9/12/2019 8:49:07		-122.363	37.718	2089294.965	6022953.661		2289.052	RS-700	0.88711710692
3345	9/12/2019 8:49:08		-122.363	37.718	2089294.926	6022953.776		2232.027	RS-700	0.52847069182
3346	9/12/2019 8:49:09		-122.363	37.718	2089294.737	6022954.148		2299.361	RS-700	0.95195723270
3347	9/12/2019 8:49:10		-122.363	37.718	2089294.247	6022954.948		2186.892	RS-700	0.24460383648
3348	9/12/2019 8:49:11		-122.363	37.718	2089293.393	6022955.770		2407.501	RS-700	1.63208100629
3349	9/12/2019 8:49:12		-122.363	37.718	2089292.658	6022956.132		2258.243	RS-700	0.69334937107
3350	9/12/2019 8:49:13		-122.363	37.718	2089292.142	6022956.440		2215.797	RS-700	0.42639308176
3351	9/12/2019 8:49:14		-122.363	37.718	2089291.697	6022956.836		2216.910	RS-700	0.43339811321
3352	9/12/2019 8:49:15		-122.363	37.718	2089292.332	6022956.038		2262.720	RS-700	0.72151182390
3353	9/12/2019 8:49:16		-122.363	37.718	2089293.491	6022954.528		2293.817	RS-700	0.91708490566
3354	9/12/2019 8:49:17		-122.363	37.718	2089294.540	6022953.045		2344.497	RS-700	1.23582830189

Gamma Scan Survey Results
Survey Unit 4 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
3355	9/12/2019 8:49:18		-122.363	37.718	2089295.327	6022951.961		2387.083	RS-700	1.50366767296
3356	9/12/2019 8:49:19		-122.363	37.718	2089295.701	6022951.448		2174.779	RS-700	0.16842345912
3357	9/12/2019 8:49:20		-122.363	37.718	2089294.438	6022952.695		2267.460	RS-700	0.75131993711
3358	9/12/2019 8:49:21		-122.363	37.718	2089295.625	6022951.591		2309.180	RS-700	1.01370974843
3359	9/12/2019 8:49:22		-122.363	37.718	2089295.663	6022951.534		2313.303	RS-700	1.03964144654
3360	9/12/2019 8:49:23		-122.363	37.718	2089295.700	6022951.506		2392.978	RS-700	1.54074415094
3361	9/12/2019 8:49:24		-122.363	37.718	2089295.663	6022951.505		2344.427	RS-700	1.23539119497
3362	9/12/2019 8:49:25		-122.363	37.718	2089294.402	6022952.695		2345.193	RS-700	1.24020540881
3363	9/12/2019 8:49:26		-122.363	37.718	2089294.402	6022952.695		2231.035	RS-700	0.52223106918
3364	9/12/2019 8:49:27		-122.363	37.718	2089294.402	6022952.695		2302.711	RS-700	0.97302754717
3365	9/12/2019 8:49:28		-122.363	37.718	2089295.663	6022951.505		2365.968	RS-700	1.37087100629
3366	9/12/2019 8:49:29		-122.363	37.718	2089293.878	6022953.408		2343.956	RS-700	1.23242622642
3367	9/12/2019 8:49:30		-122.363	37.718	2089294.351	6022953.417		2282.593	RS-700	0.84649855346
3368	9/12/2019 8:49:31		-122.363	37.718	2089292.003	6022956.119		2298.824	RS-700	0.94857729560
3369	9/12/2019 8:49:32		-122.363	37.718	2089290.914	6022957.746		2252.032	RS-700	0.65428899371
3370	9/12/2019 8:49:33		-122.363	37.718	2089289.752	6022959.401		2246.251	RS-700	0.61793037736
3371	9/12/2019 8:49:34		-122.363	37.718	2089288.553	6022961.113		2215.454	RS-700	0.42424132076
3372	9/12/2019 8:49:35		-122.363	37.718	2089287.318	6022962.766		2244.577	RS-700	0.60740213837
3373	9/12/2019 8:49:36		-122.363	37.718	2089286.084	6022964.362		2240.153	RS-700	0.57958069182
3374	9/12/2019 8:49:37		-122.363	37.718	2089284.740	6022966.013		2366.309	RS-700	1.37301553459
3375	9/12/2019 8:49:38		-122.363	37.718	2089283.357	6022967.837		2336.835	RS-700	1.18764150943
3376	9/12/2019 8:49:39		-122.363	37.718	2089282.115	6022969.808		2346.498	RS-700	1.24841194969
3377	9/12/2019 8:49:40		-122.363	37.718	2089280.910	6022971.809		2285.932	RS-700	0.86749572327
3378	9/12/2019 8:49:41		-122.363	37.718	2089279.670	6022973.752		2369.917	RS-700	1.39570320755
3379	9/12/2019 8:49:42		-122.363	37.718	2089278.356	6022975.693		2386.264	RS-700	1.49851534591
3380	9/12/2019 8:49:43		-122.363	37.718	2089277.008	6022977.575		2311.945	RS-700	1.03110314465
3381	9/12/2019 8:49:44		-122.363	37.718	2089275.993	6022979.146		2397.099	RS-700	1.56666088050
3382	9/12/2019 8:49:45		-122.363	37.718	2089275.206	6022980.288		2325.592	RS-700	1.11692842767
3383	9/12/2019 8:49:46		-122.363	37.718	2089274.755	6022980.973		2320.946	RS-700	1.08771006289
3384	9/12/2019 8:49:47		-122.363	37.718	2089275.571	6022980.237		2289.390	RS-700	0.88924358491
3385	9/12/2019 8:49:48		-122.363	37.718	2089275.570	6022980.266		2330.164	RS-700	1.14568522013
3386	9/12/2019 8:49:49		-122.363	37.718	2089275.607	6022980.238		2302.285	RS-700	0.97034377359
3387	9/12/2019 8:49:50		-122.363	37.718	2089275.644	6022980.239		2350.724	RS-700	1.27499207547
3388	9/12/2019 8:49:51		-122.363	37.718	2089275.644	6022980.239		2341.968	RS-700	1.21992584906
3389	9/12/2019 8:49:52		-122.363	37.718	2089275.718	6022980.182		2308.521	RS-700	1.00956685535
3390	9/12/2019 8:49:53		-122.363	37.718	2089275.792	6022980.126		2342.313	RS-700	1.22209603774
3391	9/12/2019 8:49:54		-122.363	37.718	2089275.829	6022980.098		2241.027	RS-700	0.58507308176
3392	9/12/2019 8:49:55		-122.363	37.718	2089275.866	6022980.070		2283.813	RS-700	0.85417119497
3393	9/12/2019 8:49:56		-122.363	37.718	2089275.866	6022980.070		2435.364	RS-700	1.80732088050
3394	9/12/2019 8:49:57		-122.363	37.718	2089275.829	6022980.069		2398.141	RS-700	1.57321597484
3395	9/12/2019 8:49:58		-122.363	37.718	2089275.829	6022980.098		2431.094	RS-700	1.78046358491
3396	9/12/2019 8:49:59		-122.363	37.718	2089275.792	6022980.097		2325.832	RS-700	1.11844062893
3397	9/12/2019 8:50:00		-122.363	37.718	2089275.756	6022980.096		2472.359	RS-700	2.03999408805
3398	9/12/2019 8:50:01		-122.363	37.718	2089275.756	6022980.096		2349.312	RS-700	1.26611427673
3399	9/12/2019 8:50:02		-122.363	37.718	2089275.793	6022980.068		2351.199	RS-700	1.27798213836
3400	9/12/2019 8:50:03		-122.363	37.718	2089275.793	6022980.068		2310.166	RS-700	1.01991000000
3401	9/12/2019 8:50:04		-122.363	37.718	2089275.830	6022980.011		2321.832	RS-700	1.09328540881
3402	9/12/2019 8:50:05		-122.363	37.718	2089275.830	6022980.040		2367.614	RS-700	1.38121930818
3403	9/12/2019 8:50:06		-122.363	37.718	2089275.830	6022980.011		2337.601	RS-700	1.19246044025
3404	9/12/2019 8:50:07		-122.363	37.718	2089275.794	6022980.010		2360.613	RS-700	1.33718981132
3405	9/12/2019 8:50:08		-122.363	37.718	2089275.795	6022979.981		2330.289	RS-700	1.14646867925
3406	9/12/2019 8:50:09		-122.363	37.718	2089275.795	6022979.981		2384.329	RS-700	1.48634647799
3407	9/12/2019 8:50:10		-122.363	37.718	2089275.795	6022979.953		2259.925	RS-700	0.70393037736
3408	9/12/2019 8:50:11		-122.363	37.718	2089275.795	6022979.953		2357.613	RS-700	1.31832113208
3409	9/12/2019 8:50:12		-122.363	37.718	2089275.795	6022979.953		2284.271	RS-700	0.85705270440
3410	9/12/2019 8:50:13		-122.363	37.718	2089275.759	6022979.952		2286.932	RS-700	0.87378610063
3411	9/12/2019 8:50:14		-122.363	37.718	2089275.759	6022979.952		2367.492	RS-700	1.38045213836
3412	9/12/2019 8:50:15		-122.363	37.718	2089275.759	6022979.952		2357.562	RS-700	1.31799987421
3413	9/12/2019 8:50:16		-122.363	37.718	2089275.759	6022979.952		2321.069	RS-700	1.08848635220
3414	9/12/2019 8:50:17		-122.363	37.718	2089275.759	6022979.952		2307.832	RS-700	1.00523050314
3415	9/12/2019 8:50:18		-122.363	37.718	2089275.759	6022979.923		2293.819	RS-700	0.91709924528

Gamma Scan Survey Results
Survey Unit 4 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
3416	9/12/2019 8:50:19		-122.363	37.718	2089275.760	6022979.894		2335.071	RS-700	1.17654647799
3417	9/12/2019 8:50:20		-122.363	37.718	2089275.760	6022979.894		2299.365	RS-700	0.95197937107
3418	9/12/2019 8:50:21		-122.363	37.718	2089275.760	6022979.894		2375.080	RS-700	1.42817716981
3419	9/12/2019 8:50:22		-122.363	37.718	2089275.760	6022979.894		2272.379	RS-700	0.78225987421
3420	9/12/2019 8:50:23		-122.363	37.718	2089275.760	6022979.894		2397.459	RS-700	1.56892276730
3421	9/12/2019 8:50:24		-122.363	37.718	2089275.796	6022979.924		2306.162	RS-700	0.99473056604
3422	9/12/2019 8:50:25		-122.363	37.718	2089275.759	6022979.923		2335.967	RS-700	1.18217943396
3423	9/12/2019 8:50:26		-122.363	37.718	2089275.759	6022979.923		2366.089	RS-700	1.37162905660
3424	9/12/2019 8:50:27		-122.363	37.718	2089275.759	6022979.923		2412.349	RS-700	1.66257490566
3425	9/12/2019 8:50:28		-122.363	37.718	2089275.759	6022979.923		2338.305	RS-700	1.19688729560
3426	9/12/2019 8:50:29		-122.363	37.718	2089275.795	6022979.953		2326.834	RS-700	1.12474352201
3427	9/12/2019 8:50:30		-122.363	37.718	2089275.795	6022979.953		2327.950	RS-700	1.13176352201
3428	9/12/2019 8:50:31		-122.363	37.718	2089275.760	6022979.894		2414.489	RS-700	1.67603207547
3429	9/12/2019 8:50:32		-122.363	37.718	2089275.760	6022979.894		2357.614	RS-700	1.31832993711
3430	9/12/2019 8:50:33		-122.363	37.718	2089275.759	6022979.923		2377.214	RS-700	1.44159584906
3431	9/12/2019 8:50:34		-122.363	37.718	2089275.759	6022979.923		2408.694	RS-700	1.63958628931
3432	9/12/2019 8:50:35		-122.363	37.718	2089275.384	6022980.465		2360.200	RS-700	1.33458874214
3433	9/12/2019 8:50:36		-122.363	37.718	2089273.521	6022982.598		2279.590	RS-700	0.82761188679
3434	9/12/2019 8:50:37		-122.363	37.718	2089273.472	6022983.233		2267.916	RS-700	0.75418949686
3435	9/12/2019 8:50:38		-122.363	37.718	2089272.091	6022984.913		2338.950	RS-700	1.20094503145
3436	9/12/2019 8:50:39		-122.363	37.718	2089270.931	6022986.481		2275.160	RS-700	0.79974572327
3437	9/12/2019 8:50:40		-122.362	37.718	2089268.733	6022988.925		2413.474	RS-700	1.66964748428
3438	9/12/2019 8:50:41		-122.362	37.718	2089267.353	6022990.575		2320.760	RS-700	1.08653955975
3439	9/12/2019 8:50:42		-122.362	37.718	2089266.007	6022992.313		2297.716	RS-700	0.94160704403
3440	9/12/2019 8:50:43		-122.362	37.718	2089264.699	6022993.994		2372.319	RS-700	1.41081283019
3441	9/12/2019 8:50:44		-122.362	37.718	2089263.464	6022995.676		2256.809	RS-700	0.68433245283
3442	9/12/2019 8:50:45		-122.362	37.718	2089262.229	6022997.330		2158.559	RS-700	0.06640792453
3443	9/12/2019 8:50:46		-122.362	37.718	2089261.255	6022998.699		2215.016	RS-700	0.42148528302
3444	9/12/2019 8:50:47		-122.362	37.718	2089260.583	6022999.554		2232.583	RS-700	0.53196798742
3445	9/12/2019 8:50:48		-122.362	37.718	2089260.321	6022999.896		2198.672	RS-700	0.31869465409
3446	9/12/2019 8:50:49		-122.362	37.718	2089260.321	6022999.896		2262.812	RS-700	0.72209031447
3447	9/12/2019 8:50:50		-122.362	37.718	2089260.320	6022999.924		2288.534	RS-700	0.88386389937
3448	9/12/2019 8:50:51		-122.362	37.718	2089260.320	6022999.924		2308.177	RS-700	1.00740371069
3449	9/12/2019 8:50:52		-122.362	37.718	2089260.320	6022999.924		2146.312	RS-700	-0.01061484277
3450	9/12/2019 8:50:53		-122.362	37.718	2089260.284	6022999.924		2289.589	RS-700	0.89049855346
3451	9/12/2019 8:50:54		-122.362	37.718	2089261.398	6022998.847		2200.011	RS-700	0.32711006289
3452	9/12/2019 8:50:55		-122.362	37.718	2089261.323	6022998.932		2183.550	RS-700	0.22358723270
3453	9/12/2019 8:50:56		-122.362	37.718	2089260.320	6022999.924		2253.253	RS-700	0.66196842767
3454	9/12/2019 8:50:57		-122.362	37.718	2089261.434	6022998.847		2174.108	RS-700	0.16420144654
3455	9/12/2019 8:50:58		-122.362	37.718	2089261.472	6022998.790		2208.912	RS-700	0.38309610063
3456	9/12/2019 8:50:59		-122.362	37.718	2089261.509	6022998.762		2257.821	RS-700	0.69069861635
3457	9/12/2019 8:51:00		-122.362	37.718	2089261.582	6022998.735		2242.691	RS-700	0.59553830189
3458	9/12/2019 8:51:01		-122.362	37.718	2089261.583	6022998.706		2404.744	RS-700	1.61474176101
3459	9/12/2019 8:51:02		-122.362	37.718	2089261.583	6022998.706		2265.038	RS-700	0.73608855346
3460	9/12/2019 8:51:03		-122.362	37.718	2089261.583	6022998.706		2242.585	RS-700	0.59487547170
3461	9/12/2019 8:51:04		-122.362	37.718	2089261.546	6022998.734		2193.899	RS-700	0.28867496855
3462	9/12/2019 8:51:05		-122.362	37.718	2089261.545	6022998.763		2236.062	RS-700	0.55384641509
3463	9/12/2019 8:51:06		-122.362	37.718	2089261.396	6022998.933		2247.592	RS-700	0.62636748428
3464	9/12/2019 8:51:07		-122.362	37.718	2089261.061	6022999.303		2223.020	RS-700	0.47182685535
3465	9/12/2019 8:51:08		-122.362	37.718	2089260.725	6022999.701		2214.125	RS-700	0.41588132076
3466	9/12/2019 8:51:09		-122.362	37.718	2089258.829	6023001.660		2257.151	RS-700	0.68648547170
3467	9/12/2019 8:51:10		-122.362	37.718	2089257.824	6023002.739		2209.764	RS-700	0.38845371069
3468	9/12/2019 8:51:11		-122.362	37.718	2089256.775	6023004.222		2244.809	RS-700	0.60886182390
3469	9/12/2019 8:51:12		-122.362	37.718	2089255.542	6023005.789		2186.880	RS-700	0.24453006289
3470	9/12/2019 8:51:13		-122.362	37.718	2089254.233	6023007.499		2237.697	RS-700	0.56413081761
3471	9/12/2019 8:51:14		-122.362	37.718	2089252.888	6023009.208		2236.789	RS-700	0.55842207547
3472	9/12/2019 8:51:15		-122.362	37.718	2089253.324	6023009.274		2226.453	RS-700	0.49341685535
3473	9/12/2019 8:51:16		-122.362	37.718	2089250.119	6023012.914		2310.478	RS-700	1.02187597484
3474	9/12/2019 8:51:17		-122.362	37.718	2089250.481	6023013.036		2250.250	RS-700	0.64308276730
3475	9/12/2019 8:51:18		-122.362	37.718	2089247.351	6023016.590		2283.820	RS-700	0.85421119497
3476	9/12/2019 8:51:19		-122.362	37.718	2089245.745	6023018.584		2273.589	RS-700	0.78986566038

Gamma Scan Survey Results
Survey Unit 4 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
3477	9/12/2019 8:51:20		-122.362	37.718	2089244.139	6023020.606		2202.570	RS-700	0.34320993711
3478	9/12/2019 8:51:21		-122.362	37.718	2089242.497	6023022.598		2292.938	RS-700	0.91155723270
3479	9/12/2019 8:51:22		-122.362	37.718	2089240.892	6023024.562		2254.609	RS-700	0.67049666667
3480	9/12/2019 8:51:23		-122.362	37.718	2089239.212	6023026.612		2219.577	RS-700	0.45016943396
3481	9/12/2019 8:51:24		-122.362	37.718	2089238.274	6023028.011		2213.912	RS-700	0.41453874214
3482	9/12/2019 8:51:25		-122.362	37.718	2089236.072	6023030.686		2225.240	RS-700	0.48578710692
3483	9/12/2019 8:51:26		-122.362	37.718	2089234.463	6023032.824		2220.571	RS-700	0.45642264151
3484	9/12/2019 8:51:27		-122.362	37.718	2089232.817	6023035.019		2223.230	RS-700	0.47314238994
3485	9/12/2019 8:51:28		-122.362	37.718	2089231.169	6023037.329		2190.565	RS-700	0.26770314465
3486	9/12/2019 8:51:29		-122.362	37.718	2089229.487	6023039.495		2231.930	RS-700	0.52786069182
3487	9/12/2019 8:51:30		-122.362	37.718	2089227.807	6023041.573		2168.405	RS-700	0.12833069182
3488	9/12/2019 8:51:31		-122.362	37.718	2089226.124	6023043.796		2196.897	RS-700	0.30752981132
3489	9/12/2019 8:51:32		-122.362	37.718	2089224.404	6023046.019		2147.771	RS-700	-0.00143855346
3490	9/12/2019 8:51:33		-122.362	37.718	2089222.684	6023048.270		2257.924	RS-700	0.69134773585
3491	9/12/2019 8:51:34		-122.362	37.718	2089220.927	6023050.549		2155.665	RS-700	0.04820522013
3492	9/12/2019 8:51:35		-122.362	37.718	2089219.208	6023052.772		2150.771	RS-700	0.01742905660
3493	9/12/2019 8:51:36		-122.362	37.718	2089217.452	6023054.993		2183.778	RS-700	0.22502012579
3494	9/12/2019 8:51:37		-122.362	37.718	2089215.732	6023057.215		2214.119	RS-700	0.41584540881
3495	9/12/2019 8:51:38		-122.362	37.718	2089214.122	6023059.440		2346.079	RS-700	1.24577955975
3496	9/12/2019 8:51:39		-122.362	37.718	2089212.584	6023061.666		2385.169	RS-700	1.49162654088
3497	9/12/2019 8:51:40		-122.362	37.718	2089210.868	6023063.744		2387.572	RS-700	1.50674415094
3498	9/12/2019 8:51:41		-122.362	37.718	2089209.188	6023065.793		2308.713	RS-700	1.01077465409
3499	9/12/2019 8:51:42		-122.362	37.718	2089207.578	6023068.018		2373.732	RS-700	1.41969867925
3500	9/12/2019 8:51:43		-122.362	37.718	2089205.968	6023070.213		2317.082	RS-700	1.06340817610
3501	9/12/2019 8:51:44		-122.362	37.718	2089204.432	6023072.352		2310.582	RS-700	1.02252704403
3502	9/12/2019 8:51:45		-122.362	37.718	2089202.897	6023074.463		2357.311	RS-700	1.31642383648
3503	9/12/2019 8:51:46		-122.362	37.718	2089201.401	6023076.458		2325.828	RS-700	1.11841672956
3504	9/12/2019 8:51:47		-122.362	37.718	2089199.904	6023078.482		2329.839	RS-700	1.14363905660
3505	9/12/2019 8:51:48		-122.362	37.718	2089198.444	6023080.478		2421.265	RS-700	1.71864528302
3506	9/12/2019 8:51:49		-122.362	37.718	2089196.983	6023082.503		2349.297	RS-700	1.26601603774
3507	9/12/2019 8:51:50		-122.362	37.718	2089195.445	6023084.729		2413.861	RS-700	1.67207981132
3508	9/12/2019 8:51:51		-122.362	37.718	2089193.873	6023086.897		2360.413	RS-700	1.33592974843
3509	9/12/2019 8:51:52		-122.362	37.718	2089192.519	6023089.039		2384.494	RS-700	1.48738433962
3510	9/12/2019 8:51:53		-122.362	37.718	2089191.239	6023091.126		2447.876	RS-700	1.88601314465
3511	9/12/2019 8:51:54		-122.362	37.718	2089189.817	6023093.065		2315.064	RS-700	1.05071383648
3512	9/12/2019 8:51:55		-122.362	37.718	2089188.176	6023094.971		2185.903	RS-700	0.23838295598
3513	9/12/2019 8:51:56		-122.362	37.718	2089186.571	6023096.964		2209.236	RS-700	0.38512930818
3514	9/12/2019 8:51:57		-122.362	37.718	2089184.926	6023099.072		2208.130	RS-700	0.37817496855
3515	9/12/2019 8:51:58		-122.362	37.718	2089183.355	6023101.181		2175.778	RS-700	0.17470566038
3516	9/12/2019 8:51:59		-122.362	37.718	2089181.856	6023103.292		2331.367	RS-700	1.15324974843
3517	9/12/2019 8:52:00		-122.362	37.718	2089180.247	6023105.459		2179.895	RS-700	0.20059817610
3518	9/12/2019 8:52:01		-122.362	37.718	2089178.708	6023107.743		2341.426	RS-700	1.21651855346
3519	9/12/2019 8:52:02		-122.362	37.718	2089177.282	6023109.855		2342.838	RS-700	1.22539924528
3520	9/12/2019 8:52:03		-122.362	37.718	2089175.676	6023111.877		2322.645	RS-700	1.09839704403
3521	9/12/2019 8:52:04		-122.362	37.718	2089174.074	6023113.697		2306.057	RS-700	0.99407100629
3522	9/12/2019 8:52:05		-122.362	37.718	2089172.769	6023115.204		2289.163	RS-700	0.88781993711
3523	9/12/2019 8:52:06		-122.362	37.718	2089172.444	6023116.905		2333.413	RS-700	1.16612056604
3524	9/12/2019 8:52:07		-122.362	37.718	2089172.777	6023118.474		2315.070	RS-700	1.05075358491
3525	9/12/2019 8:52:08		-122.362	37.718	2089173.557	6023119.531		2388.736	RS-700	1.51406396226
3526	9/12/2019 8:52:09		-122.362	37.718	2089174.146	6023121.047		2293.165	RS-700	0.91298943396
3527	9/12/2019 8:52:10		-122.362	37.718	2089174.180	6023122.986		2304.932	RS-700	0.98699477987
3528	9/12/2019 8:52:11		-122.362	37.718	2089173.526	6023124.737		2259.160	RS-700	0.69911729560
3529	9/12/2019 8:52:12		-122.362	37.718	2089172.006	6023126.096		2217.140	RS-700	0.43484465409
3530	9/12/2019 8:52:13		-122.362	37.718	2089170.063	6023126.751		2170.325	RS-700	0.14040698113
3531	9/12/2019 8:52:14		-122.362	37.718	2089168.467	6023126.430		2250.926	RS-700	0.64733616352
3532	9/12/2019 8:52:15		-122.362	37.718	2089167.785	6023125.896		2154.768	RS-700	0.04256660377
3533	9/12/2019 8:52:16		-122.362	37.718	2089166.592	6023125.467		2300.590	RS-700	0.95968855346
3534	9/12/2019 8:52:17		-122.362	37.718	2089165.213	6023125.237		2264.596	RS-700	0.73330861635
3535	9/12/2019 8:52:18		-122.362	37.718	2089164.152	6023125.448		2215.154	RS-700	0.42235044025
3536	9/12/2019 8:52:19		-122.362	37.718	2089163.748	6023125.642		2228.356	RS-700	0.50538283019
3537	9/12/2019 8:52:20		-122.362	37.718	2089164.191	6023125.333		2183.671	RS-700	0.22434440252

Gamma Scan Survey Results
Survey Unit 4 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
3538	9/12/2019 8:52:21		-122.362	37.718	2089165.374	6023124.459		2223.351	RS-700	0.47390710692
3539	9/12/2019 8:52:22		-122.362	37.718	2089166.190	6023123.724		2326.065	RS-700	1.11990484277
3540	9/12/2019 8:52:23		-122.362	37.718	2089166.487	6023123.440		2186.684	RS-700	0.24329654088
3541	9/12/2019 8:52:24		-122.362	37.718	2089165.598	6023124.175		2309.293	RS-700	1.01442018868
3542	9/12/2019 8:52:25		-122.362	37.718	2089164.332	6023125.567		2280.704	RS-700	0.83461641509
3543	9/12/2019 8:52:26		-122.362	37.718	2089163.026	6023127.161		2259.926	RS-700	0.70393408805
3544	9/12/2019 8:52:27		-122.362	37.718	2089162.129	6023128.329		2139.865	RS-700	-0.05116182390
3545	9/12/2019 8:52:28		-122.362	37.718	2089160.303	6023130.405		2255.035	RS-700	0.67317867925
3546	9/12/2019 8:52:29		-122.362	37.718	2089159.962	6023131.035		2248.919	RS-700	0.63471352201
3547	9/12/2019 8:52:30		-122.362	37.718	2089158.798	6023132.834		2240.028	RS-700	0.57879490566
3548	9/12/2019 8:52:31		-122.362	37.718	2089157.595	6023134.691		2220.019	RS-700	0.45294729560
3549	9/12/2019 8:52:32		-122.362	37.718	2089156.207	6023136.746		2196.120	RS-700	0.30264100629
3550	9/12/2019 8:52:33		-122.362	37.718	2089154.931	6023138.659		2263.152	RS-700	0.72422710692
3551	9/12/2019 8:52:34		-122.362	37.718	2089153.581	6023140.599		2288.933	RS-700	0.88637364780
3552	9/12/2019 8:52:35		-122.362	37.718	2089152.157	6023142.625		2359.376	RS-700	1.32940905660
3553	9/12/2019 8:52:36		-122.362	37.718	2089150.699	6023144.505		2234.575	RS-700	0.54449597484
3554	9/12/2019 8:52:37		-122.362	37.718	2089149.064	6023146.151		2273.190	RS-700	0.78735974843
3555	9/12/2019 8:52:38		-122.362	37.718	2089147.568	6023148.088		2234.584	RS-700	0.54455169811
3556	9/12/2019 8:52:39		-122.362	37.718	2089145.289	6023150.994		2302.169	RS-700	0.96961327044
3557	9/12/2019 8:52:40		-122.362	37.718	2089144.902	6023152.143		2266.587	RS-700	0.74582786164
3558	9/12/2019 8:52:41		-122.362	37.718	2089143.701	6023153.942		2270.270	RS-700	0.76899528302
3559	9/12/2019 8:52:42		-122.362	37.718	2089142.653	6023155.339		2330.176	RS-700	1.14576207547
3560	9/12/2019 8:52:43		-122.362	37.718	2089138.930	6023159.402		2367.847	RS-700	1.38268289308
3561	9/12/2019 8:52:44		-122.362	37.718	2089137.250	6023161.480		2298.054	RS-700	0.94373893082
3562	9/12/2019 8:52:45		-122.362	37.718	2089135.532	6023163.645		2237.580	RS-700	0.56339314465
3563	9/12/2019 8:52:46		-122.362	37.718	2089133.887	6023165.782		2273.470	RS-700	0.78911911950
3564	9/12/2019 8:52:47		-122.362	37.718	2089132.204	6023168.005		2192.339	RS-700	0.27886471698
3565	9/12/2019 8:52:48		-122.362	37.718	2089130.632	6023170.143		2295.613	RS-700	0.92838301887
3566	9/12/2019 8:52:49		-122.362	37.718	2089128.987	6023172.280		2277.162	RS-700	0.81233886793
3567	9/12/2019 8:52:50		-122.362	37.718	2089127.196	6023174.414		2254.491	RS-700	0.66975163522
3568	9/12/2019 8:52:51		-122.362	37.718	2089125.477	6023176.608		2173.780	RS-700	0.16213836478
3569	9/12/2019 8:52:52		-122.362	37.718	2089123.757	6023178.859		2193.789	RS-700	0.28797842767
3570	9/12/2019 8:52:53		-122.362	37.718	2089122.037	6023181.139		2203.239	RS-700	0.34741477987
3571	9/12/2019 8:52:54		-122.362	37.718	2089120.351	6023183.478		2098.542	RS-700	-0.31105522013
3572	9/12/2019 8:52:55		-122.362	37.718	2089118.737	6023185.876		2238.043	RS-700	0.56630930818
3573	9/12/2019 8:52:56		-122.362	37.718	2089117.198	6023188.218		2263.380	RS-700	0.72565911950
3574	9/12/2019 8:52:57		-122.362	37.718	2089115.587	6023190.471		2140.760	RS-700	-0.04553660377
3575	9/12/2019 8:52:58		-122.362	37.718	2089113.721	6023192.748		2164.871	RS-700	0.10610459120
3576	9/12/2019 8:52:59		-122.362	37.718	2089111.890	6023195.084		2132.980	RS-700	-0.09446534591
3577	9/12/2019 8:53:00		-122.362	37.718	2089110.240	6023197.453		2098.753	RS-700	-0.30972729560
3578	9/12/2019 8:53:01		-122.362	37.718	2089108.664	6023199.794		2134.982	RS-700	-0.08187628931
3579	9/12/2019 8:53:02		-122.362	37.718	2089107.089	6023202.077		2222.013	RS-700	0.46549169811
3580	9/12/2019 8:53:03		-122.362	37.718	2089105.405	6023204.357		2205.455	RS-700	0.36135081761
3581	9/12/2019 8:53:04		-122.362	37.718	2089103.830	6023206.612		2169.993	RS-700	0.13831842767
3582	9/12/2019 8:53:05		-122.362	37.718	2089102.364	6023208.897		2207.921	RS-700	0.37686031447
3583	9/12/2019 8:53:06		-122.362	37.718	2089100.862	6023211.210		2208.457	RS-700	0.38022993711
3584	9/12/2019 8:53:07		-122.362	37.718	2089099.069	6023213.460		2211.016	RS-700	0.39632962264
3585	9/12/2019 8:53:08		-122.362	37.718	2089097.204	6023215.651		2137.770	RS-700	-0.06433792453
3586	9/12/2019 8:53:09		-122.362	37.718	2089095.303	6023217.841		2179.674	RS-700	-0.04787788856
3587	9/12/2019 8:53:10		-122.362	37.718	2089093.512	6023220.004		2414.869	RS-700	0.64184357771
3588	9/12/2019 8:53:11		-122.362	37.718	2089092.057	6023221.768		2539.289	RS-700	1.00671228739
3589	9/12/2019 8:53:12		-122.362	37.718	2089091.646	6023222.252		2399.740	RS-700	0.59747800587
3590	9/12/2019 8:53:13		-122.362	37.718	2089090.490	6023223.618		1845.572	RS-700	-1.02764727273
3591	9/12/2019 8:53:14		-122.362	37.718	2089089.298	6023224.983		1666.514	RS-700	-1.55274439883
3592	9/12/2019 8:53:15		-122.362	37.718	2089087.987	6023226.779		2145.660	RS-700	-0.14762416422
3593	9/12/2019 8:53:16		-122.362	37.718	2089086.973	6023228.350		2602.717	RS-700	1.19271920821
3594	9/12/2019 8:53:17		-122.362	37.718	2089085.444	6023230.113		2521.277	RS-700	0.95389193548
3595	9/12/2019 8:53:18		-122.362	37.718	2089083.799	6023232.279		2268.816	RS-700	0.21353519062
3596	9/12/2019 8:53:19		-122.362	37.718	2089081.862	6023234.468		2207.119	RS-700	0.37181861635
3597	9/12/2019 8:53:20		-122.362	37.718	2089080.031	6023236.804		2124.975	RS-700	-0.14481402516
3598	9/12/2019 8:53:21		-122.362	37.718	2089078.239	6023238.967		2148.455	RS-700	0.00285987421

Gamma Scan Survey Results
Survey Unit 4 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
3599	9/12/2019 8:53:22		-122.362	37.718	2089076.739	6023241.165		2138.874	RS-700	-0.05739534591
3600	9/12/2019 8:53:23		-122.362	37.717	2089074.231	6023244.558		2107.277	RS-700	-0.25612106918
3601	9/12/2019 8:53:24		-122.362	37.717	2089072.657	6023246.783		2103.544	RS-700	-0.27959918239
3602	9/12/2019 8:53:25		-122.362	37.717	2089070.937	6023249.063		2157.578	RS-700	0.06023911950
3603	9/12/2019 8:53:26		-122.362	37.717	2089069.142	6023251.400		2180.784	RS-700	0.20618666667
3604	9/12/2019 8:53:27		-122.362	37.717	2089067.349	6023253.650		2124.192	RS-700	-0.14973767296
3605	9/12/2019 8:53:28		-122.362	37.717	2089065.555	6023255.986		2083.851	RS-700	-0.40345220126
3606	9/12/2019 8:53:29		-122.362	37.717	2089063.723	6023258.351		2157.879	RS-700	0.06213245283
3607	9/12/2019 8:53:30		-122.362	37.717	2089061.890	6023260.803		1831.945	RS-700	-1.98776547170
3608	9/12/2019 8:53:31		-122.362	37.717	2089060.172	6023262.938		1222.568	RS-700	-5.82032408805
3609	9/12/2019 8:53:32		-122.362	37.717	2089058.533	6023264.786		1234.468	RS-700	-5.74548610063
3610	9/12/2019 8:53:33		-122.362	37.717	2089056.929	6023266.692		1861.566	RS-700	-1.80147100629
3611	9/12/2019 8:53:34		-122.362	37.717	2089055.281	6023268.974		2124.438	RS-700	-0.14818987421
3612	9/12/2019 8:53:35		-122.362	37.717	2089053.632	6023271.314		2037.631	RS-700	-0.69414773585
3613	9/12/2019 8:53:36		-122.361	37.717	2089051.917	6023273.333		1777.665	RS-700	-2.32915289308
3614	9/12/2019 8:53:37		-122.361	37.717	2089051.802	6023273.592		2034.734	RS-700	-0.71236238994
3615	9/12/2019 8:53:38		-122.361	37.717	2089049.829	6023275.751		2023.120	RS-700	-0.78540698113
3616	9/12/2019 8:53:39		-122.361	37.717	2089048.037	6023277.972		2150.767	RS-700	0.01740534591
3617	9/12/2019 8:53:40		-122.361	37.717	2089046.283	6023280.107		2249.137	RS-700	0.63608188679
3618	9/12/2019 8:53:41		-122.361	37.717	2089044.903	6023281.728		2102.756	RS-700	-0.28455100629
3619	9/12/2019 8:53:42		-122.361	37.717	2089043.791	6023282.719		2086.061	RS-700	-0.38955081761
3620	9/12/2019 8:53:43		-122.361	37.717	2089042.375	6023284.340		2168.671	RS-700	0.13000339623
3621	9/12/2019 8:53:44		-122.361	37.717	2089040.879	6023286.277		2048.734	RS-700	-0.62431150943
3622	9/12/2019 8:53:45		-122.361	37.717	2089039.049	6023288.584		2075.961	RS-700	-0.45307672956
3623	9/12/2019 8:53:46		-122.361	37.717	2089037.076	6023290.744		2125.872	RS-700	-0.13917044025
3624	9/12/2019 8:53:47		-122.361	37.717	2089035.135	6023293.106		2027.423	RS-700	-0.75834345912
3625	9/12/2019 8:53:48		-122.361	37.717	2089033.300	6023295.616		2106.546	RS-700	-0.26071622642
3626	9/12/2019 8:53:49		-122.361	37.717	2089030.058	6023299.341		2130.974	RS-700	-0.10707893082
3627	9/12/2019 8:53:50		-122.361	37.717	2089028.189	6023301.734		2140.769	RS-700	-0.04547691824
3628	9/12/2019 8:53:51		-122.361	37.717	2089026.061	6023304.382		2138.873	RS-700	-0.05740477987
3629	9/12/2019 8:53:52		-122.361	37.717	2089024.077	6023307.091		2121.547	RS-700	-0.16637075472
3630	9/12/2019 8:53:53		-122.361	37.717	2089022.205	6023309.629		2067.950	RS-700	-0.50346094340
3631	9/12/2019 8:53:54		-122.361	37.717	2089020.560	6023311.794		2054.940	RS-700	-0.58528553459
3632	9/12/2019 8:53:55		-122.361	37.717	2089018.951	6023313.961		2119.975	RS-700	-0.17626050315
3633	9/12/2019 8:53:56		-122.361	37.717	2089017.340	6023316.186		2135.863	RS-700	-0.07633572327
3634	9/12/2019 8:53:57		-122.361	37.717	2089015.840	6023318.383		2140.198	RS-700	-0.04906779874
3635	9/12/2019 8:53:58		-122.361	37.717	2089015.416	6023319.561		2077.747	RS-700	-0.44184534591
3636	9/12/2019 8:53:59		-122.361	37.717	2089013.772	6023321.640		2149.763	RS-700	0.01108691824
3637	9/12/2019 8:54:00		-122.361	37.717	2089012.166	6023323.663		2148.449	RS-700	0.00282119497
3638	9/12/2019 8:54:01		-122.361	37.717	2089010.413	6023325.711		2212.903	RS-700	0.40819484277
3639	9/12/2019 8:54:02		-122.361	37.717	2089008.628	6023327.585		2112.538	RS-700	-0.22303094340
3640	9/12/2019 8:54:03		-122.361	37.717	2089006.988	6023329.461		2125.301	RS-700	-0.14276201258
3641	9/12/2019 8:54:04		-122.361	37.717	2089005.493	6023331.370		2100.055	RS-700	-0.30154377359
3642	9/12/2019 8:54:05		-122.361	37.717	2089003.959	6023333.451		2083.637	RS-700	-0.40479685535
3643	9/12/2019 8:54:06		-122.361	37.717	2089002.683	6023335.335		2148.767	RS-700	0.00482672956
3644	9/12/2019 8:54:07		-122.361	37.717	2088999.478	6023339.032		2219.021	RS-700	0.44667207547
3645	9/12/2019 8:54:08		-122.361	37.717	2088997.941	6023341.230		2245.691	RS-700	0.61440616352
3646	9/12/2019 8:54:09		-122.361	37.717	2088996.332	6023343.367		2215.230	RS-700	0.42282823899
3647	9/12/2019 8:54:10		-122.361	37.717	2088994.614	6023345.503		2268.596	RS-700	0.75846842767
3648	9/12/2019 8:54:11		-122.361	37.717	2088992.930	6023347.784		2207.016	RS-700	0.37116798742
3649	9/12/2019 8:54:12		-122.361	37.717	2088991.211	6023350.006		2163.449	RS-700	0.09716050314
3650	9/12/2019 8:54:13		-122.361	37.717	2088989.563	6023352.288		2224.017	RS-700	0.47809226415
3651	9/12/2019 8:54:14		-122.361	37.717	2088987.771	6023354.480		2154.664	RS-700	0.04191364780
3652	9/12/2019 8:54:15		-122.361	37.717	2088985.943	6023356.700		2099.484	RS-700	-0.30513031447
3653	9/12/2019 8:54:16		-122.361	37.717	2088984.222	6023358.951		2162.664	RS-700	0.09222591195
3654	9/12/2019 8:54:17		-122.361	37.717	2088982.611	6023361.234		2173.888	RS-700	0.16281716981
3655	9/12/2019 8:54:18		-122.361	37.717	2088981.035	6023363.546		2180.562	RS-700	0.20479522013
3656	9/12/2019 8:54:19		-122.361	37.717	2088979.423	6023365.886		2143.876	RS-700	-0.02593698113
3657	9/12/2019 8:54:20		-122.361	37.717	2088977.883	6023368.228		2256.029	RS-700	0.67942616352
3658	9/12/2019 8:54:21		-122.361	37.717	2088976.235	6023370.538		2135.763	RS-700	-0.07696056604
3659	9/12/2019 8:54:22		-122.361	37.717	2088974.368	6023372.844		2252.596	RS-700	0.65783779874

Gamma Scan Survey Results
Survey Unit 4 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
3660	9/12/2019 8:54:23		-122.361	37.717	2088972.394	6023375.062		2210.794	RS-700	0.39492899371
3661	9/12/2019 8:54:24		-122.361	37.717	2088970.495	6023377.136		2219.120	RS-700	0.44729433962
3662	9/12/2019 8:54:25		-122.361	37.717	2088968.598	6023379.152		2102.966	RS-700	-0.28323238994
3663	9/12/2019 8:54:26		-122.361	37.717	2088966.665	6023381.110		2079.946	RS-700	-0.42801433962
3664	9/12/2019 8:54:27		-122.361	37.717	2088964.874	6023383.244		2157.985	RS-700	0.06280157233
3665	9/12/2019 8:54:28		-122.361	37.717	2088963.191	6023385.496		2199.567	RS-700	0.32431981132
3666	9/12/2019 8:54:29		-122.361	37.717	2088961.431	6023387.891		2108.548	RS-700	-0.24812893082
3667	9/12/2019 8:54:30		-122.361	37.717	2088959.745	6023390.288		2152.764	RS-700	0.02996515723
3668	9/12/2019 8:54:31		-122.361	37.717	2088958.057	6023392.771		2222.324	RS-700	0.46744830189
3669	9/12/2019 8:54:32		-122.361	37.717	2088956.333	6023395.196		2080.641	RS-700	-0.42363987421
3670	9/12/2019 8:54:33		-122.361	37.717	2088954.574	6023397.562		2193.232	RS-700	0.28447842767
3671	9/12/2019 8:54:34		-122.361	37.717	2088952.707	6023399.869		2112.756	RS-700	-0.22166232704
3672	9/12/2019 8:54:35		-122.361	37.717	2088950.950	6023402.148		1734.608	RS-700	-2.59995081761
3673	9/12/2019 8:54:36		-122.361	37.717	2088949.304	6023404.343		906.231	RS-700	-7.80986584906
3674	9/12/2019 8:54:37		-122.361	37.717	2088947.770	6023406.424		1076.009	RS-700	-6.74208226415
3675	9/12/2019 8:54:38		-122.361	37.717	2088946.270	6023408.593		1987.614	RS-700	-1.00871867925
3676	9/12/2019 8:54:39		-122.361	37.717	2088944.781	6023410.184		2174.108	RS-700	0.16419937107
3677	9/12/2019 8:54:40		-122.361	37.717	2088943.982	6023411.904		2203.350	RS-700	0.34811628931
3678	9/12/2019 8:54:41		-122.361	37.717	2088942.780	6023413.789		1924.979	RS-700	-1.40264515723
3679	9/12/2019 8:54:42		-122.361	37.717	2088941.062	6023415.896		1982.816	RS-700	-1.03889402516
3680	9/12/2019 8:54:43		-122.361	37.717	2088939.239	6023417.856		2218.576	RS-700	0.44387490566
3681	9/12/2019 8:54:44		-122.361	37.717	2088937.489	6023419.788		2174.673	RS-700	0.16775377359
3682	9/12/2019 8:54:45		-122.361	37.717	2088935.991	6023421.841		2165.995	RS-700	0.11317402516
3683	9/12/2019 8:54:46		-122.361	37.717	2088934.240	6023423.803		2241.802	RS-700	0.58995276730
3684	9/12/2019 8:54:47		-122.361	37.717	2088932.527	6023425.707		2265.390	RS-700	0.73829874214
3685	9/12/2019 8:54:48		-122.361	37.717	2088930.813	6023427.669		2256.488	RS-700	0.68231654088
3686	9/12/2019 8:54:49		-122.361	37.717	2088929.169	6023429.777		2364.734	RS-700	1.36310515723
3687	9/12/2019 8:54:50		-122.361	37.717	2088927.487	6023431.943		2292.155	RS-700	0.90663333333
3688	9/12/2019 8:54:51		-122.361	37.717	2088925.842	6023434.080		2348.786	RS-700	1.26280641509
3689	9/12/2019 8:54:52		-122.361	37.717	2088924.267	6023436.363		2226.910	RS-700	0.49628754717
3690	9/12/2019 8:54:53		-122.361	37.717	2088922.727	6023438.704		2299.594	RS-700	0.95342358491
3691	9/12/2019 8:54:54		-122.361	37.717	2088921.297	6023441.048		2150.662	RS-700	0.01674364780
3692	9/12/2019 8:54:55		-122.361	37.717	2088919.795	6023443.304		2191.447	RS-700	0.27325207547
3693	9/12/2019 8:54:56		-122.361	37.717	2088918.256	6023445.617		2133.719	RS-700	-0.08981830189
3694	9/12/2019 8:54:57		-122.361	37.717	2088916.391	6023447.836		2160.773	RS-700	0.08033270440
3695	9/12/2019 8:54:58		-122.361	37.717	2088914.596	6023450.173		2127.056	RS-700	-0.13172037736
3696	9/12/2019 8:54:59		-122.361	37.717	2088912.876	6023452.424		2273.929	RS-700	0.79200773585
3697	9/12/2019 8:55:00		-122.361	37.717	2088911.043	6023454.876		2174.213	RS-700	0.16486433962
3698	9/12/2019 8:55:01		-122.361	37.717	2088909.503	6023457.217		2243.056	RS-700	0.59783553459
3699	9/12/2019 8:55:02		-122.361	37.717	2088907.963	6023459.588		2166.893	RS-700	0.11882540881
3700	9/12/2019 8:55:03		-122.361	37.717	2088906.497	6023461.873		2151.768	RS-700	0.02369949686
3701	9/12/2019 8:55:04		-122.361	37.717	2088904.997	6023464.042		2110.650	RS-700	-0.23490433962
3702	9/12/2019 8:55:05		-122.361	37.717	2088903.207	6023466.147		2070.838	RS-700	-0.48529823899
3703	9/12/2019 8:55:06		-122.361	37.717	2088901.452	6023468.340		2145.876	RS-700	-0.01336100629
3704	9/12/2019 8:55:07		-122.361	37.717	2088899.623	6023470.560		2153.557	RS-700	0.03495062893
3705	9/12/2019 8:55:08		-122.361	37.717	2088897.867	6023472.782		2162.995	RS-700	0.09430584906
3706	9/12/2019 8:55:09		-122.361	37.717	2088896.146	6023475.091		2133.639	RS-700	-0.09031949686
3707	9/12/2019 8:55:10		-122.361	37.717	2088894.569	6023477.490		2158.665	RS-700	0.06707805031
3708	9/12/2019 8:55:11		-122.361	37.717	2088892.887	6023479.626		2298.828	RS-700	0.94860528302
3709	9/12/2019 8:55:12		-122.361	37.717	2088891.136	6023481.645		2339.720	RS-700	1.20578578616
3710	9/12/2019 8:55:13		-122.361	37.717	2088889.418	6023483.781		2205.232	RS-700	0.35994886793
3711	9/12/2019 8:55:14		-122.361	37.717	2088887.591	6023485.885		2248.383	RS-700	0.63133817610
3712	9/12/2019 8:55:15		-122.361	37.717	2088885.693	6023487.960		2202.013	RS-700	0.33970603774
3713	9/12/2019 8:55:16		-122.361	37.717	2088883.867	6023490.035		2157.988	RS-700	0.06281528302
3714	9/12/2019 8:55:17		-122.361	37.717	2088882.150	6023492.142		2137.983	RS-700	-0.06300220126
3715	9/12/2019 8:55:18		-122.361	37.717	2088880.614	6023494.310		2250.686	RS-700	0.64582289308
3716	9/12/2019 8:55:19		-122.361	37.717	2088878.861	6023496.387		2253.033	RS-700	0.66058566038
3717	9/12/2019 8:55:20		-122.361	37.717	2088877.145	6023498.407		2196.350	RS-700	0.30408993711
3718	9/12/2019 8:55:21		-122.361	37.717	2088875.611	6023500.489		2196.227	RS-700	0.30331528302
3719	9/12/2019 8:55:22		-122.361	37.717	2088873.896	6023502.480		2083.428	RS-700	-0.40611270440
3720	9/12/2019 8:55:23		-122.361	37.717	2088872.287	6023504.646		2097.848	RS-700	-0.31542031447

Gamma Scan Survey Results
Survey Unit 4 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
3721	9/12/2019 8:55:24		-122.361	37.717	2088871.263	6023506.680		2183.897	RS-700	0.22576754717
3722	9/12/2019 8:55:25		-122.361	37.717	2088871.258	6023508.763		2052.232	RS-700	-0.60231251572
3723	9/12/2019 8:55:26		-122.361	37.717	2088871.785	6023509.728		2021.703	RS-700	-0.79432352201
3724	9/12/2019 8:55:27		-122.361	37.717	2088871.812	6023510.191		1951.601	RS-700	-1.23521276730
3725	9/12/2019 8:55:28		-122.361	37.717	2088871.717	6023509.495		1921.713	RS-700	-1.42319069182
3726	9/12/2019 8:55:29		-122.361	37.717	2088871.321	6023509.227		1887.493	RS-700	-1.63840647799
3727	9/12/2019 8:55:30		-122.361	37.717	2088871.611	6023509.320		1990.837	RS-700	-0.98844723270
3728	9/12/2019 8:55:31		-122.361	37.717	2088870.561	6023509.009		1873.788	RS-700	-1.72460276730
3729	9/12/2019 8:55:32		-122.361	37.717	2088870.199	6023508.886		1878.697	RS-700	-1.69373075472
3730	9/12/2019 8:55:33		-122.361	37.717	2088870.819	6023508.841		1958.684	RS-700	-1.19066798742
3731	9/12/2019 8:55:34		-122.361	37.717	2088870.314	6023508.628		1829.281	RS-700	-2.00452182390
3732	9/12/2019 8:55:35		-122.361	37.717	2088868.568	6023508.507		1859.478	RS-700	-1.81460220126
3733	9/12/2019 8:55:36		-122.361	37.717	2088866.884	6023508.936		1996.512	RS-700	-0.95275490566
3734	9/12/2019 8:55:37		-122.361	37.717	2088865.345	6023509.426		2063.852	RS-700	-0.52923031447
3735	9/12/2019 8:55:38		-122.361	37.717	2088865.053	6023509.450		2001.718	RS-700	-0.92001339623
3736	9/12/2019 8:55:39		-122.361	37.717	2088865.603	6023509.258		1984.518	RS-700	-1.02819000000
3737	9/12/2019 8:55:40		-122.361	37.717	2088866.632	6023508.787		1764.560	RS-700	-2.41157320755
3738	9/12/2019 8:55:41		-122.361	37.717	2088868.050	6023508.931		1776.479	RS-700	-2.33661100629
3739	9/12/2019 8:55:42		-122.361	37.717	2088869.021	6023509.528		1769.703	RS-700	-2.37922408805
3740	9/12/2019 8:55:43		-122.361	37.717	2088869.669	6023509.889		1815.202	RS-700	-2.09307088050
3741	9/12/2019 8:55:44		-122.361	37.717	2088870.612	6023510.110		1863.463	RS-700	-1.78954213836
3742	9/12/2019 8:55:45		-122.361	37.717	2088872.066	6023510.254		2000.819	RS-700	-0.92566603774
3743	9/12/2019 8:55:46		-122.361	37.717	2088872.797	6023510.124		1946.598	RS-700	-1.26667811321
3744	9/12/2019 8:55:47		-122.361	37.717	2088873.822	6023509.826		2175.214	RS-700	0.17115484277
3745	9/12/2019 8:55:48		-122.361	37.717	2088874.855	6023509.182		2118.184	RS-700	-0.18752402516
3746	9/12/2019 8:55:49		-122.361	37.717	2088876.112	6023508.252		2186.006	RS-700	0.23903415094
3747	9/12/2019 8:55:50		-122.361	37.717	2088877.367	6023507.409		2224.017	RS-700	0.47809660377
3748	9/12/2019 8:55:51		-122.361	37.717	2088878.484	6023506.187		2196.227	RS-700	0.30331660377
3749	9/12/2019 8:55:52		-122.361	37.717	2088879.315	6023504.670		2190.131	RS-700	0.26497270440
3750	9/12/2019 8:55:53		-122.361	37.717	2088880.260	6023502.953		2202.006	RS-700	0.33965937107
3751	9/12/2019 8:55:54		-122.361	37.717	2088881.350	6023501.210		2185.110	RS-700	0.23339477987
3752	9/12/2019 8:55:55		-122.361	37.717	2088882.515	6023499.440		2244.472	RS-700	0.60674276730
3753	9/12/2019 8:55:56		-122.361	37.717	2088883.891	6023497.992		2275.439	RS-700	0.80150232704
3754	9/12/2019 8:55:57		-122.361	37.717	2088885.339	6023496.603		2248.030	RS-700	0.62912163522
3755	9/12/2019 8:55:58		-122.361	37.717	2088886.459	6023495.236		2280.586	RS-700	0.83387685535
3756	9/12/2019 8:55:59		-122.361	37.717	2088887.352	6023494.271		2297.282	RS-700	0.93888062893
3757	9/12/2019 8:56:00		-122.361	37.717	2088887.875	6023493.616		2271.932	RS-700	0.77944943396
3758	9/12/2019 8:56:01		-122.361	37.717	2088888.098	6023493.389		2221.568	RS-700	0.46269100629
3759	9/12/2019 8:56:02		-122.361	37.717	2088888.098	6023493.389		2318.400	RS-700	1.07169729560
3760	9/12/2019 8:56:03		-122.361	37.717	2088888.098	6023493.389		2322.962	RS-700	1.10039125786
3761	9/12/2019 8:56:04		-122.361	37.717	2088888.097	6023493.417		2325.414	RS-700	1.11580955975
3762	9/12/2019 8:56:05		-122.361	37.717	2088888.135	6023493.360		2259.590	RS-700	0.70182591195
3763	9/12/2019 8:56:06		-122.361	37.717	2088888.135	6023493.360		2186.553	RS-700	0.24246962264
3764	9/12/2019 8:56:07		-122.361	37.717	2088888.135	6023493.360		2191.896	RS-700	0.27607327044
3765	9/12/2019 8:56:08		-122.361	37.717	2088888.135	6023493.360		2220.795	RS-700	0.45783176101
3766	9/12/2019 8:56:09		-122.361	37.717	2088888.135	6023493.360		2247.265	RS-700	0.62430886793
3767	9/12/2019 8:56:10		-122.361	37.717	2088888.135	6023493.331		2225.796	RS-700	0.48928245283
3768	9/12/2019 8:56:11		-122.361	37.717	2088888.099	6023493.331		2370.451	RS-700	1.39906427673
3769	9/12/2019 8:56:12		-122.361	37.717	2088888.135	6023493.360		2242.353	RS-700	0.59341333333
3770	9/12/2019 8:56:13		-122.361	37.717	2088888.135	6023493.360		2256.374	RS-700	0.68159842767
3771	9/12/2019 8:56:14		-122.361	37.717	2088888.135	6023493.331		2430.847	RS-700	1.77891503145
3772	9/12/2019 8:56:15		-122.361	37.717	2088888.171	6023493.361		2232.691	RS-700	0.53265075472
3773	9/12/2019 8:56:16		-122.361	37.717	2088888.172	6023493.332		2237.117	RS-700	0.56048628931
3774	9/12/2019 8:56:17		-122.361	37.717	2088888.172	6023493.332		2351.075	RS-700	1.27720396226
3775	9/12/2019 8:56:18		-122.361	37.717	2088888.172	6023493.332		2215.461	RS-700	0.42428207547
3776	9/12/2019 8:56:19		-122.361	37.717	2088888.172	6023493.332		2217.129	RS-700	0.43477446541
3777	9/12/2019 8:56:20		-122.361	37.717	2088888.172	6023493.332		2376.218	RS-700	1.43533018868
3778	9/12/2019 8:56:21		-122.361	37.717	2088888.208	6023493.333		2274.382	RS-700	0.79485710692
3779	9/12/2019 8:56:22		-122.361	37.717	2088888.208	6023493.362		2368.443	RS-700	1.38643641509
3780	9/12/2019 8:56:23		-122.361	37.717	2088888.207	6023493.391		2253.033	RS-700	0.66058786164
3781	9/12/2019 8:56:24		-122.361	37.717	2088888.207	6023493.391		2262.362	RS-700	0.71926050315

Gamma Scan Survey Results
Survey Unit 4 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
3782	9/12/2019 8:56:25		-122.361	37.717	2088888.207	6023493.391		2282.366	RS-700	0.84506880503
3783	9/12/2019 8:56:26		-122.361	37.717	2088888.207	6023493.391		2299.715	RS-700	0.95418056604
3784	9/12/2019 8:56:27		-122.361	37.717	2088888.207	6023493.391		2285.508	RS-700	0.86483245283
3785	9/12/2019 8:56:28		-122.361	37.717	2088888.207	6023493.391		2296.626	RS-700	0.93475182390
3786	9/12/2019 8:56:29		-122.361	37.717	2088888.207	6023493.391		2289.173	RS-700	0.88788295598
3787	9/12/2019 8:56:30		-122.361	37.717	2088888.171	6023493.390		2305.947	RS-700	0.99337440252
3788	9/12/2019 8:56:31		-122.361	37.717	2088888.171	6023493.390		2251.689	RS-700	0.65213238994
3789	9/12/2019 8:56:32		-122.361	37.717	2088888.208	6023493.362		2220.131	RS-700	0.45365345912
3790	9/12/2019 8:56:33		-122.361	37.717	2088888.207	6023493.391		2251.904	RS-700	0.65348691824
3791	9/12/2019 8:56:34		-122.361	37.717	2088888.207	6023493.391		2269.169	RS-700	0.76206710692
3792	9/12/2019 8:56:35		-122.361	37.717	2088888.206	6023493.420		2201.788	RS-700	0.33828924528
3793	9/12/2019 8:56:36		-122.361	37.717	2088888.206	6023493.420		2215.243	RS-700	0.42291207547
3794	9/12/2019 8:56:37		-122.361	37.717	2088888.171	6023493.390		2319.830	RS-700	1.08069490566
3795	9/12/2019 8:56:38		-122.361	37.717	2088888.171	6023493.361		2302.171	RS-700	0.96962773585
3796	9/12/2019 8:56:39		-122.361	37.717	2088888.171	6023493.390		2331.963	RS-700	1.15699723270
3797	9/12/2019 8:56:40		-122.361	37.717	2088888.207	6023493.391		2314.830	RS-700	1.04924578616
3798	9/12/2019 8:56:41		-122.361	37.717	2088888.207	6023493.391		2227.798	RS-700	0.50187389937
3799	9/12/2019 8:56:42		-122.361	37.717	2088888.206	6023493.420		2221.799	RS-700	0.46414666667
3800	9/12/2019 8:56:43		-122.361	37.717	2088888.656	6023492.792		2240.135	RS-700	0.57946811321
3801	9/12/2019 8:56:44		-122.361	37.717	2088889.737	6023491.541		2275.587	RS-700	0.80243213837
3802	9/12/2019 8:56:45		-122.361	37.717	2088890.896	6023490.001		2276.164	RS-700	0.80606100629
3803	9/12/2019 8:56:46		-122.361	37.717	2088891.984	6023488.432		2219.342	RS-700	0.44869383648
3804	9/12/2019 8:56:47		-122.361	37.717	2088893.216	6023486.894		2222.802	RS-700	0.47045144654
3805	9/12/2019 8:56:48		-122.361	37.717	2088894.192	6023485.467		2342.409	RS-700	1.22269742138
3806	9/12/2019 8:56:49		-122.361	37.717	2088895.316	6023483.840		2268.922	RS-700	0.76051289308
3807	9/12/2019 8:56:50		-122.361	37.717	2088896.623	6023482.246		2192.224	RS-700	0.27813716981
3808	9/12/2019 8:56:51		-122.361	37.717	2088897.927	6023480.739		2171.102	RS-700	0.14529761006
3809	9/12/2019 8:56:52		-122.361	37.717	2088899.375	6023479.379		2164.880	RS-700	0.10616547170
3810	9/12/2019 8:56:53		-122.361	37.717	2088900.789	6023477.874		2206.011	RS-700	0.36485069182
3811	9/12/2019 8:56:54		-122.361	37.717	2088902.208	6023476.108		2125.773	RS-700	-0.13979044025
3812	9/12/2019 8:56:55		-122.361	37.717	2088903.445	6023474.310		2143.454	RS-700	-0.02859037736
3813	9/12/2019 8:56:56		-122.361	37.717	2088904.682	6023472.541		2026.623	RS-700	-0.76338044025
3814	9/12/2019 8:56:57		-122.361	37.717	2088906.031	6023470.659		2054.842	RS-700	-0.58590106918
3815	9/12/2019 8:56:58		-122.361	37.717	2088907.378	6023468.834		2151.310	RS-700	0.02081773585
3816	9/12/2019 8:56:59		-122.361	37.717	2088908.838	6023466.838		2127.073	RS-700	-0.13161861635
3817	9/12/2019 8:57:00		-122.361	37.717	2088910.370	6023464.901		2271.600	RS-700	0.77735905660
3818	9/12/2019 8:57:01		-122.361	37.717	2088911.904	6023462.849		2220.908	RS-700	0.45854194969
3819	9/12/2019 8:57:02		-122.361	37.717	2088913.509	6023460.884		2196.897	RS-700	0.30752723270
3820	9/12/2019 8:57:03		-122.361	37.717	2088914.894	6023459.002		2272.585	RS-700	0.78355150943
3821	9/12/2019 8:57:04		-122.361	37.717	2088916.283	6023456.918		2329.299	RS-700	1.14024345912
3822	9/12/2019 8:57:05		-122.361	37.717	2088917.957	6023455.158		2231.801	RS-700	0.52704842767
3823	9/12/2019 8:57:06		-122.361	37.717	2088919.526	6023453.164		2198.790	RS-700	0.31943704403
3824	9/12/2019 8:57:07		-122.361	37.717	2088920.875	6023451.281		2259.077	RS-700	0.69859930818
3825	9/12/2019 8:57:08		-122.361	37.717	2088922.368	6023449.430		2270.049	RS-700	0.76760226415
3826	9/12/2019 8:57:09		-122.361	37.717	2088923.826	6023447.550		2129.081	RS-700	-0.11898811321
3827	9/12/2019 8:57:10		-122.361	37.717	2088925.358	6023445.613		2318.187	RS-700	1.07035937107
3828	9/12/2019 8:57:11		-122.361	37.717	2088926.777	6023443.848		2262.693	RS-700	0.72134226415
3829	9/12/2019 8:57:12		-122.361	37.717	2088928.230	6023442.170		2303.594	RS-700	0.97857893082
3830	9/12/2019 8:57:13		-122.361	37.717	2088929.167	6023440.858		2310.933	RS-700	1.02473522013
3831	9/12/2019 8:57:14		-122.361	37.717	2088929.360	6023440.283		2167.322	RS-700	0.12151993711
3832	9/12/2019 8:57:15		-122.361	37.717	2088929.406	6023439.821		2229.600	RS-700	0.51320522013
3833	9/12/2019 8:57:16		-122.361	37.717	2088929.356	6023438.663		2348.078	RS-700	1.25835515723
3834	9/12/2019 8:57:17		-122.361	37.717	2088929.171	6023436.981		2275.805	RS-700	0.80380289308
3835	9/12/2019 8:57:18		-122.361	37.717	2088929.278	6023435.247		2303.181	RS-700	0.97598176101
3836	9/12/2019 8:57:19		-122.361	37.717	2088929.860	6023433.465		2310.749	RS-700	1.02357654088
3837	9/12/2019 8:57:20		-122.361	37.717	2088930.401	6023431.914		2274.810	RS-700	0.79754861635
3838	9/12/2019 8:57:21		-122.361	37.717	2088931.084	6023430.510		2362.961	RS-700	1.35195540881
3839	9/12/2019 8:57:22		-122.361	37.717	2088932.086	6023429.575		2329.069	RS-700	1.13879685535
3840	9/12/2019 8:57:23		-122.361	37.717	2088933.368	6023429.195		2371.743	RS-700	1.40718710692
3841	9/12/2019 8:57:24		-122.361	37.717	2088934.353	6023429.128		2234.569	RS-700	0.54446088050
3842	9/12/2019 8:57:25		-122.361	37.717	2088935.048	6023428.997		2282.162	RS-700	0.84378327044

Gamma Scan Survey Results
Survey Unit 4 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
3843	9/12/2019 8:57:26		-122.361	37.717	2088936.292	6023428.704		2391.961	RS-700	1.53434786164
3844	9/12/2019 8:57:27		-122.361	37.717	2088937.967	6023428.679		2228.263	RS-700	0.50479974843
3845	9/12/2019 8:57:28		-122.361	37.717	2088939.541	6023428.277		2275.928	RS-700	0.80457823899
3846	9/12/2019 8:57:29		-122.361	37.717	2088940.612	6023427.575		2330.607	RS-700	1.14846993711
3847	9/12/2019 8:57:30		-122.361	37.717	2088940.461	6023427.803		2136.867	RS-700	-0.07002194969
3848	9/12/2019 8:57:31		-122.361	37.717	2088939.672	6023429.031		2247.144	RS-700	0.62354729560
3849	9/12/2019 8:57:32		-122.361	37.717	2088938.811	6023430.229		2345.843	RS-700	1.24429635220
3850	9/12/2019 8:57:33		-122.361	37.717	2088938.325	6023430.856		2318.175	RS-700	1.07028534591
3851	9/12/2019 8:57:34		-122.361	37.717	2088938.399	6023430.800		2308.525	RS-700	1.00959119497
3852	9/12/2019 8:57:35		-122.361	37.717	2088938.923	6023430.058		2306.945	RS-700	0.99965207547
3853	9/12/2019 8:57:36		-122.361	37.717	2088939.746	6023428.975		2244.227	RS-700	0.60520433962
3854	9/12/2019 8:57:37		-122.361	37.717	2088940.828	6023427.666		2345.078	RS-700	1.23948150943
3855	9/12/2019 8:57:38		-122.361	37.717	2088942.061	6023426.128		2263.809	RS-700	0.72835578616
3856	9/12/2019 8:57:39		-122.361	37.717	2088943.215	6023424.849		2186.216	RS-700	0.24035427673
3857	9/12/2019 8:57:40		-122.361	37.717	2088944.632	6023423.170		2129.083	RS-700	-0.11897704403
3858	9/12/2019 8:57:41		-122.361	37.717	2088946.088	6023421.406		2045.844	RS-700	-0.64249088050
3859	9/12/2019 8:57:42		-122.361	37.717	2088947.620	6023419.440		2226.026	RS-700	0.49072735849
3860	9/12/2019 8:57:43		-122.361	37.717	2088949.153	6023417.445		2178.334	RS-700	0.19078125786
3861	9/12/2019 8:57:44		-122.361	37.717	2088950.572	6023415.680		2118.866	RS-700	-0.18323119497
3862	9/12/2019 8:57:45		-122.361	37.717	2088951.702	6023413.793		1851.573	RS-700	-1.86431805031
3863	9/12/2019 8:57:46		-122.361	37.717	2088952.936	6023412.197		1833.299	RS-700	-1.97924893082
3864	9/12/2019 8:57:47		-122.361	37.717	2088954.135	6023410.485		1877.476	RS-700	-1.70141000000
3865	9/12/2019 8:57:48		-122.361	37.717	2088955.444	6023408.747		2008.819	RS-700	-0.87535201258
3866	9/12/2019 8:57:49		-122.361	37.717	2088956.905	6023406.722		2136.267	RS-700	-0.07379415094
3867	9/12/2019 8:57:50		-122.361	37.717	2088958.475	6023404.670		2209.442	RS-700	0.38642698113
3868	9/12/2019 8:57:51		-122.361	37.717	2088959.641	6023402.813		2273.268	RS-700	0.78784748428
3869	9/12/2019 8:57:52		-122.361	37.717	2088960.837	6023401.303		2223.133	RS-700	0.47253371069
3870	9/12/2019 8:57:53		-122.361	37.717	2088962.184	6023399.507		2200.664	RS-700	0.33122050315
3871	9/12/2019 8:57:54		-122.361	37.717	2088963.570	6023397.539		2153.665	RS-700	0.03562698113
3872	9/12/2019 8:57:55		-122.361	37.717	2088964.812	6023395.538		2208.334	RS-700	0.37946044025
3873	9/12/2019 8:57:56		-122.361	37.717	2088966.267	6023393.774		2206.236	RS-700	0.36626459120
3874	9/12/2019 8:57:57		-122.361	37.717	2088967.835	6023391.837		2240.817	RS-700	0.58375377359
3875	9/12/2019 8:57:58		-122.361	37.717	2088969.406	6023389.757		2193.786	RS-700	0.28796169811
3876	9/12/2019 8:57:59		-122.361	37.717	2088970.942	6023387.618		2255.148	RS-700	0.67388415094
3877	9/12/2019 8:58:00		-122.361	37.717	2088972.624	6023385.452		2121.663	RS-700	-0.16563993711
3878	9/12/2019 8:58:01		-122.361	37.717	2088974.231	6023383.372		2234.248	RS-700	0.54243849057
3879	9/12/2019 8:58:02		-122.361	37.717	2088975.839	6023381.292		2207.569	RS-700	0.37464836478
3880	9/12/2019 8:58:03		-122.361	37.717	2088977.483	6023379.184		2180.662	RS-700	0.20541899371
3881	9/12/2019 8:58:04		-122.361	37.717	2088979.163	6023377.106		2135.990	RS-700	-0.07553176101
3882	9/12/2019 8:58:05		-122.361	37.717	2088980.841	6023375.143		2295.469	RS-700	0.92747704403
3883	9/12/2019 8:58:06		-122.361	37.717	2088982.447	6023373.150		2258.358	RS-700	0.69407830189
3884	9/12/2019 8:58:07		-122.361	37.717	2088984.016	6023371.185		2286.168	RS-700	0.86898358491
3885	9/12/2019 8:58:08		-122.361	37.717	2088985.513	6023369.132		2195.115	RS-700	0.29631924528
3886	9/12/2019 8:58:09		-122.361	37.717	2088986.977	6023366.933		2204.913	RS-700	0.35794050315
3887	9/12/2019 8:58:10		-122.361	37.717	2088988.515	6023364.678		2157.992	RS-700	0.06284094340
3888	9/12/2019 8:58:11		-122.361	37.717	2088990.124	6023362.511		2155.883	RS-700	0.04957823899
3889	9/12/2019 8:58:12		-122.361	37.717	2088991.806	6023360.375		2105.965	RS-700	-0.26437182390
3890	9/12/2019 8:58:13		-122.361	37.717	2088993.270	6023358.148		2119.185	RS-700	-0.18122490566
3891	9/12/2019 8:58:14		-122.361	37.717	2088994.737	6023355.805		2183.889	RS-700	0.22571842767
3892	9/12/2019 8:58:15		-122.361	37.717	2088996.350	6023353.464		2298.128	RS-700	0.94419874214
3893	9/12/2019 8:58:16		-122.361	37.717	2088997.961	6023351.211		2242.251	RS-700	0.59277150943
3894	9/12/2019 8:58:17		-122.361	37.717	2088999.680	6023348.989		2260.472	RS-700	0.70737188679
3895	9/12/2019 8:58:18		-122.361	37.717	2089001.435	6023346.825		2249.831	RS-700	0.64044408805
3896	9/12/2019 8:58:19		-122.361	37.717	2089003.225	6023344.691		2196.885	RS-700	0.30745075472
3897	9/12/2019 8:58:20		-122.361	37.717	2089005.092	6023342.413		2148.423	RS-700	0.00266314465
3898	9/12/2019 8:58:21		-122.361	37.717	2089006.996	6023340.050		2079.537	RS-700	-0.43058270440
3899	9/12/2019 8:58:22		-122.361	37.717	2089008.863	6023337.744		2243.142	RS-700	0.59837421384
3900	9/12/2019 8:58:23		-122.361	37.717	2089010.620	6023335.464		2094.339	RS-700	-0.33748779874
3901	9/12/2019 8:58:24		-122.361	37.717	2089012.378	6023333.127		2102.865	RS-700	-0.28386490566
3902	9/12/2019 8:58:25		-122.361	37.717	2089014.065	6023330.730		2130.974	RS-700	-0.10708169811
3903	9/12/2019 8:58:26		-122.361	37.717	2089015.642	6023328.332		2060.640	RS-700	-0.54943679245

Gamma Scan Survey Results
Survey Unit 4 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
3904	9/12/2019 8:58:27		-122.361	37.717	2089017.287	6023326.166		2139.662	RS-700	-0.05244213836
3905	9/12/2019 8:58:28		-122.361	37.717	2089019.043	6023323.944		2106.853	RS-700	-0.25878867925
3906	9/12/2019 8:58:29		-122.361	37.717	2089020.978	6023321.899		2209.351	RS-700	0.38585295598
3907	9/12/2019 8:58:30		-122.361	37.717	2089022.804	6023319.795		2093.164	RS-700	-0.34488314465
3908	9/12/2019 8:58:31		-122.361	37.717	2089024.632	6023317.633		2063.626	RS-700	-0.53065207547
3909	9/12/2019 8:58:32		-122.361	37.717	2089026.423	6023315.470		2040.733	RS-700	-0.67463754717
3910	9/12/2019 8:58:33		-122.361	37.717	2089028.215	6023313.249		2079.055	RS-700	-0.43361459120
3911	9/12/2019 8:58:34		-122.361	37.717	2089029.972	6023310.969		2148.665	RS-700	0.00418477987
3912	9/12/2019 8:58:35		-122.361	37.717	2089031.693	6023308.689		2093.174	RS-700	-0.34481817610
3913	9/12/2019 8:58:36		-122.361	37.717	2089033.558	6023306.469		2072.950	RS-700	-0.47201176101
3914	9/12/2019 8:58:37		-122.361	37.717	2089035.311	6023304.392		2124.651	RS-700	-0.14684647799
3915	9/12/2019 8:58:38		-122.361	37.717	2089036.878	6023302.514		2074.054	RS-700	-0.46506805031
3916	9/12/2019 8:58:39		-122.361	37.717	2089038.116	6023300.716		2060.638	RS-700	-0.54944880503
3917	9/12/2019 8:58:40		-122.361	37.717	2089039.310	6023299.236		2104.067	RS-700	-0.27630553459
3918	9/12/2019 8:58:41		-122.361	37.717	2089039.941	6023298.670		2078.359	RS-700	-0.43799226415
3919	9/12/2019 8:58:42		-122.361	37.717	2089039.978	6023298.641		2110.440	RS-700	-0.23622534591
3920	9/12/2019 8:58:43		-122.361	37.717	2089040.164	6023298.443		2051.532	RS-700	-0.60671962264
3921	9/12/2019 8:58:44		-122.361	37.717	2089040.912	6023297.445		2068.260	RS-700	-0.50151245283
3922	9/12/2019 8:58:45		-122.361	37.717	2089041.376	6023296.094		2074.158	RS-700	-0.46441591195
3923	9/12/2019 8:58:46		-122.361	37.717	2089041.356	6023295.284		2180.564	RS-700	0.20480616352
3924	9/12/2019 8:58:47		-122.361	37.717	2089041.914	6023296.481		2079.539	RS-700	-0.43057125786
3925	9/12/2019 8:58:48		-122.361	37.717	2089042.195	6023297.008		2046.631	RS-700	-0.63754006289
3926	9/12/2019 8:58:49		-122.361	37.717	2089041.671	6023295.927		2044.527	RS-700	-0.65077201258
3927	9/12/2019 8:58:50		-122.361	37.717	2089041.004	6023294.640		2089.848	RS-700	-0.36573333333
3928	9/12/2019 8:58:51		-122.361	37.717	2089040.226	6023293.468		2085.649	RS-700	-0.39214528302
3929	9/12/2019 8:58:52		-122.361	37.717	2089039.669	6023292.213		2037.525	RS-700	-0.69480836478
3930	9/12/2019 8:58:53		-122.361	37.717	2089039.516	6023290.705		2113.302	RS-700	-0.21822704403
3931	9/12/2019 8:58:54		-122.361	37.717	2089039.765	6023289.206		2136.983	RS-700	-0.06929075472
3932	9/12/2019 8:58:55		-122.361	37.717	2089040.556	6023287.862		2170.999	RS-700	0.14464981132
3933	9/12/2019 8:58:56		-122.361	37.717	2089041.592	6023287.044		2127.499	RS-700	-0.12893874214
3934	9/12/2019 8:58:57		-122.361	37.717	2089042.517	6023286.339		2050.844	RS-700	-0.61104622642
3935	9/12/2019 8:58:58		-122.361	37.717	2089043.475	6023285.779		2119.649	RS-700	-0.17830672956
3936	9/12/2019 8:58:59		-122.361	37.717	2089044.642	6023285.716		2054.518	RS-700	-0.58793591195
3937	9/12/2019 8:59:00		-122.361	37.717	2089045.440	6023285.847		2137.664	RS-700	-0.06500471698
3938	9/12/2019 8:59:01		-122.361	37.717	2089046.349	6023285.952		2191.888	RS-700	0.27602817610
3939	9/12/2019 8:59:02		-122.361	37.717	2089047.737	6023285.719		2133.766	RS-700	-0.08951987421
3940	9/12/2019 8:59:03		-122.361	37.717	2089049.213	6023284.765		2134.308	RS-700	-0.08611509434
3941	9/12/2019 8:59:04		-122.361	37.717	2089049.921	6023283.940		2218.455	RS-700	0.44311176101
3942	9/12/2019 8:59:05		-122.361	37.717	2089049.243	6023285.055		2220.015	RS-700	0.45292522013
3943	9/12/2019 8:59:06		-122.361	37.717	2089048.598	6023286.402		2298.401	RS-700	0.94592106918
3944	9/12/2019 8:59:07		-122.361	37.717	2089047.960	6023287.315		2251.356	RS-700	0.65004062893
3945	9/12/2019 8:59:08		-122.361	37.717	2089047.997	6023287.287		2182.111	RS-700	0.21453289308
3946	9/12/2019 8:59:09		-122.361	37.717	2089048.302	6023286.627		2200.120	RS-700	0.32779672956
3947	9/12/2019 8:59:10		-122.361	37.717	2089049.275	6023285.316		2242.364	RS-700	0.59348553459
3948	9/12/2019 8:59:11		-122.361	37.717	2089050.691	6023283.695		2201.791	RS-700	0.33830930818
3949	9/12/2019 8:59:12		-122.361	37.717	2089052.121	6023281.351		2137.544	RS-700	-0.06576320755
3950	9/12/2019 8:59:13		-122.361	37.717	2089053.662	6023278.952		2176.216	RS-700	0.17745716981
3951	9/12/2019 8:59:14		-122.361	37.717	2089055.344	6023276.786		2049.631	RS-700	-0.61867276730
3952	9/12/2019 8:59:15		-122.361	37.717	2089056.993	6023274.447		2069.757	RS-700	-0.49209679245
3953	9/12/2019 8:59:16		-122.361	37.717	2089058.898	6023272.084		2035.367	RS-700	-0.70838540881
3954	9/12/2019 8:59:17		-122.362	37.717	2089060.615	6023269.948		1751.565	RS-700	-2.49330050314
3955	9/12/2019 8:59:18		-122.362	37.717	2089062.114	6023267.866		1742.989	RS-700	-2.54724100629
3956	9/12/2019 8:59:19		-122.362	37.717	2089063.399	6023265.490		1770.029	RS-700	-2.37717358491
3957	9/12/2019 8:59:20		-122.362	37.717	2089064.864	6023263.234		2112.867	RS-700	-0.22096452830
3958	9/12/2019 8:59:21		-122.362	37.717	2089066.502	6023261.473		2097.544	RS-700	-0.31733603774
3959	9/12/2019 8:59:22		-122.362	37.717	2089068.031	6023259.652		2023.519	RS-700	-0.78289962264
3960	9/12/2019 8:59:23		-122.362	37.717	2089069.337	6023258.087		2181.109	RS-700	0.20823094340
3961	9/12/2019 8:59:24		-122.362	37.717	2089070.828	6023256.380		2129.871	RS-700	-0.11402157233
3962	9/12/2019 8:59:25		-122.362	37.717	2089072.291	6023254.211		2081.065	RS-700	-0.42097314465
3963	9/12/2019 8:59:26		-122.362	37.717	2089073.717	6023252.127		2194.681	RS-700	0.29359364780
3964	9/12/2019 8:59:27		-122.362	37.717	2089075.251	6023250.046		2124.766	RS-700	-0.14612320755

Gamma Scan Survey Results
Survey Unit 4 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
3965	9/12/2019 8:59:28		-122.362	37.718	2089077.042	6023247.883		2145.763	RS-700	-0.01407138365
3966	9/12/2019 8:59:29		-122.362	37.718	2089078.762	6023245.661		2174.118	RS-700	0.16426471698
3967	9/12/2019 8:59:30		-122.362	37.718	2089080.480	6023243.525		2199.682	RS-700	0.32504333333
3968	9/12/2019 8:59:31		-122.362	37.718	2089082.198	6023241.360		2293.055	RS-700	0.91229761006
3969	9/12/2019 8:59:32		-122.362	37.718	2089083.991	6023239.111		2297.508	RS-700	0.94030477987
3970	9/12/2019 8:59:33		-122.362	37.718	2089085.746	6023236.918		2381.689	RS-700	1.46974270440
3971	9/12/2019 8:59:34		-122.362	37.718	2089087.350	6023235.011		2580.935	RS-700	1.12884073314
3972	9/12/2019 8:59:35		-122.362	37.718	2089088.251	6023233.641		2732.243	RS-700	1.57256108504
3973	9/12/2019 8:59:36		-122.362	37.718	2089089.218	6023232.647		2448.765	RS-700	0.74124583578
3974	9/12/2019 8:59:37		-122.362	37.718	2089090.448	6023231.254		1962.998	RS-700	-0.68328903226
3975	9/12/2019 8:59:38		-122.362	37.718	2089091.639	6023229.947		1599.657	RS-700	-1.74880521994
3976	9/12/2019 8:59:39		-122.362	37.718	2089092.801	6023228.292		1825.474	RS-700	-1.08658695015
3977	9/12/2019 8:59:40		-122.362	37.718	2089093.626	6023227.094		2325.951	RS-700	0.38108923754
3978	9/12/2019 8:59:41		-122.362	37.718	2089094.927	6023225.789		2622.118	RS-700	1.24961196481
3979	9/12/2019 8:59:42		-122.362	37.718	2089096.236	6023224.021		2396.987	RS-700	0.58940609971
3980	9/12/2019 8:59:43		-122.362	37.718	2089097.179	6023222.420		2206.005	RS-700	0.02934090909
3981	9/12/2019 8:59:44		-122.362	37.718	2089098.884	6023220.892		2170.426	RS-700	-0.07499565982
3982	9/12/2019 8:59:45		-122.362	37.718	2089100.852	6023219.021		2223.358	RS-700	0.47395238994
3983	9/12/2019 8:59:46		-122.362	37.718	2089102.388	6023216.882		2164.774	RS-700	0.10549981132
3984	9/12/2019 8:59:47		-122.362	37.718	2089104.031	6023214.803		2133.981	RS-700	-0.08817075472
3985	9/12/2019 8:59:48		-122.362	37.718	2089105.712	6023212.696		2220.681	RS-700	0.45711358491
3986	9/12/2019 8:59:49		-122.362	37.718	2089107.284	6023210.586		2259.145	RS-700	0.69902220126
3987	9/12/2019 8:59:50		-122.362	37.718	2089108.746	6023208.474		2280.824	RS-700	0.83537257862
3988	9/12/2019 8:59:51		-122.362	37.718	2089110.207	6023206.420		2270.156	RS-700	0.76827584906
3989	9/12/2019 8:59:52		-122.362	37.718	2089111.815	6023204.340		2186.897	RS-700	0.24463792453
3990	9/12/2019 8:59:53		-122.362	37.718	2089113.458	6023202.290		2138.660	RS-700	-0.05873974843
3991	9/12/2019 8:59:54		-122.362	37.718	2089115.138	6023200.212		2180.433	RS-700	0.20398383648
3992	9/12/2019 8:59:55		-122.362	37.718	2089116.854	6023198.192		2208.571	RS-700	0.38094867925
3993	9/12/2019 8:59:56		-122.362	37.718	2089118.570	6023196.143		2196.678	RS-700	0.30615194969
3994	9/12/2019 8:59:57		-122.362	37.718	2089120.104	6023194.090		2190.792	RS-700	0.26913433962
3995	9/12/2019 8:59:58		-122.362	37.718	2089121.605	6023191.864		2264.380	RS-700	0.73194880503
3996	9/12/2019 8:59:59		-122.362	37.718	2089122.995	6023189.693		2213.811	RS-700	0.41390616352
3997	9/12/2019 9:00:00		-122.362	37.718	2089124.494	6023187.582		2288.053	RS-700	0.88083666667
3998	9/12/2019 9:00:01		-122.362	37.718	2089125.993	6023185.442		2247.476	RS-700	0.62563522013
3999	9/12/2019 9:00:02		-122.362	37.718	2089127.455	6023183.359		2274.727	RS-700	0.79702415094
4000	9/12/2019 9:00:03		-122.362	37.718	2089129.098	6023181.309		2295.595	RS-700	0.92826880503
4001	9/12/2019 9:00:04		-122.362	37.718	2089130.778	6023179.288		2294.937	RS-700	0.92413484277
4002	9/12/2019 9:00:05		-122.362	37.718	2089132.419	6023177.325		2183.444	RS-700	0.22291830189
4003	9/12/2019 9:00:06		-122.362	37.718	2089133.987	6023175.417		2312.407	RS-700	1.03400666667
4004	9/12/2019 9:00:07		-122.362	37.718	2089135.482	6023173.480		2281.047	RS-700	0.83677509434
4005	9/12/2019 9:00:08		-122.362	37.718	2089136.977	6023171.542		2244.029	RS-700	0.60395855346
4006	9/12/2019 9:00:09		-122.362	37.718	2089138.438	6023169.517		2178.880	RS-700	0.19421679245
4007	9/12/2019 9:00:10		-122.362	37.718	2089139.896	6023167.608		2265.244	RS-700	0.73738182390
4008	9/12/2019 9:00:11		-122.362	37.718	2089141.424	6023165.874		2213.800	RS-700	0.41383566038
4009	9/12/2019 9:00:12		-122.362	37.718	2089142.882	6023163.964		2350.072	RS-700	1.27089163522
4010	9/12/2019 9:00:13		-122.362	37.718	2089144.376	6023162.114		2314.831	RS-700	1.04925031447
4011	9/12/2019 9:00:14		-122.362	37.718	2089145.906	6023160.264		2263.471	RS-700	0.72623433962
4012	9/12/2019 9:00:15		-122.362	37.718	2089147.214	6023158.583		2255.038	RS-700	0.67319295598
4013	9/12/2019 9:00:16		-122.362	37.718	2089148.517	6023157.162		2214.900	RS-700	0.42075547170
4014	9/12/2019 9:00:17		-122.362	37.718	2089149.114	6023156.422		2234.153	RS-700	0.54183974843
4015	9/12/2019 9:00:18		-122.362	37.718	2089149.496	6023155.562		2212.905	RS-700	0.40820509434
4016	9/12/2019 9:00:19		-122.362	37.718	2089149.661	6023154.552		2214.005	RS-700	0.41512861635
4017	9/12/2019 9:00:20		-122.362	37.718	2089149.395	6023153.274		2154.885	RS-700	0.04330037736
4018	9/12/2019 9:00:21		-122.362	37.718	2089148.836	6023152.077		2286.807	RS-700	0.87299968554
4019	9/12/2019 9:00:22		-122.362	37.718	2089148.350	6023150.910		2211.010	RS-700	0.39629182390
4020	9/12/2019 9:00:23		-122.362	37.718	2089148.083	6023149.661		2333.839	RS-700	1.16880138365
4021	9/12/2019 9:00:24		-122.362	37.718	2089148.326	6023148.450		2265.925	RS-700	0.74166842767
4022	9/12/2019 9:00:25		-122.362	37.718	2089148.862	6023147.130		2348.964	RS-700	1.26392547170
4023	9/12/2019 9:00:26		-122.362	37.718	2089149.873	6023145.762		2289.705	RS-700	0.89122792453
4024	9/12/2019 9:00:27		-122.362	37.718	2089151.024	6023144.656		2226.133	RS-700	0.49140044025
4025	9/12/2019 9:00:28		-122.362	37.718	2089152.535	6023143.761		2264.404	RS-700	0.73210144654

Gamma Scan Survey Results
Survey Unit 4 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
4026	9/12/2019 9:00:29		-122.362	37.718	2089154.147	6023143.272		2282.044	RS-700	0.84304320755
4027	9/12/2019 9:00:30		-122.362	37.718	2089155.564	6023143.416		2272.703	RS-700	0.78429691824
4028	9/12/2019 9:00:31		-122.362	37.718	2089156.611	6023143.900		2219.135	RS-700	0.44738679245
4029	9/12/2019 9:00:32		-122.362	37.718	2089157.550	6023144.294		2224.463	RS-700	0.48090226415
4030	9/12/2019 9:00:33		-122.362	37.718	2089158.893	6023144.495		2249.037	RS-700	0.63545528302
4031	9/12/2019 9:00:34		-122.362	37.718	2089160.172	6023144.289		2239.137	RS-700	0.57318867925
4032	9/12/2019 9:00:35		-122.362	37.718	2089160.318	6023144.263		2277.703	RS-700	0.81574163522
4033	9/12/2019 9:00:36		-122.362	37.718	2089158.919	6023145.045		2227.575	RS-700	0.50047427673
4034	9/12/2019 9:00:37		-122.362	37.718	2089157.843	6023146.036		2237.024	RS-700	0.55989911950
4035	9/12/2019 9:00:38		-122.362	37.718	2089158.325	6023145.583		2258.690	RS-700	0.69616238994
4036	9/12/2019 9:00:39		-122.362	37.718	2089159.357	6023144.996		2253.360	RS-700	0.66263955975
4037	9/12/2019 9:00:40		-122.362	37.718	2089159.725	6023144.801		2187.684	RS-700	0.24958628931
4038	9/12/2019 9:00:41		-122.362	37.718	2089159.319	6023145.053		2283.462	RS-700	0.85195981132
4039	9/12/2019 9:00:42		-122.362	37.718	2089159.356	6023145.054		2279.045	RS-700	0.82418314465
4040	9/12/2019 9:00:43		-122.362	37.718	2089159.727	6023144.685		2159.560	RS-700	0.07270169811
4041	9/12/2019 9:00:44		-122.362	37.718	2089159.726	6023144.743		2290.719	RS-700	0.89760176101
4042	9/12/2019 9:00:45		-122.362	37.718	2089160.763	6023143.867		2258.482	RS-700	0.69485641509
4043	9/12/2019 9:00:46		-122.362	37.718	2089161.333	6023142.692		2182.328	RS-700	0.21590100629
4044	9/12/2019 9:00:47		-122.362	37.718	2089161.393	6023141.478		2234.473	RS-700	0.54385716981
4045	9/12/2019 9:00:48		-122.362	37.718	2089161.666	6023140.615		2262.934	RS-700	0.72285270440
4046	9/12/2019 9:00:49		-122.362	37.718	2089161.065	6023141.529		2290.501	RS-700	0.89623572327
4047	9/12/2019 9:00:50		-122.362	37.718	2089159.945	6023142.867		2294.474	RS-700	0.92121761006
4048	9/12/2019 9:00:51		-122.362	37.718	2089159.049	6023143.977		2304.598	RS-700	0.98489308176
4049	9/12/2019 9:00:52		-122.362	37.718	2089158.524	6023144.748		2333.303	RS-700	1.16542937107
4050	9/12/2019 9:00:53		-122.362	37.718	2089158.413	6023144.832		2292.937	RS-700	0.91155201258
4051	9/12/2019 9:00:54		-122.362	37.718	2089159.384	6023143.608		2322.950	RS-700	1.10031635220
4052	9/12/2019 9:00:55		-122.362	37.718	2089160.657	6023141.897		2188.998	RS-700	0.25784924528
4053	9/12/2019 9:00:56		-122.362	37.718	2089161.969	6023140.014		2279.587	RS-700	0.82759308176
4054	9/12/2019 9:00:57		-122.362	37.718	2089163.283	6023138.044		2269.928	RS-700	0.76684012579
4055	9/12/2019 9:00:58		-122.362	37.718	2089164.816	6023136.049		2293.824	RS-700	0.91712911950
4056	9/12/2019 9:00:59		-122.362	37.718	2089166.317	6023133.823		2175.784	RS-700	0.17474264151
4057	9/12/2019 9:01:00		-122.362	37.718	2089167.891	6023131.597		2204.357	RS-700	0.35444459120
4058	9/12/2019 9:01:01		-122.362	37.718	2089169.610	6023129.375		2324.182	RS-700	1.10806459119
4059	9/12/2019 9:01:02		-122.362	37.718	2089171.291	6023127.268		2183.680	RS-700	0.22440113208
4060	9/12/2019 9:01:03		-122.362	37.718	2089172.676	6023125.357		2311.367	RS-700	1.02746383648
4061	9/12/2019 9:01:04		-122.362	37.718	2089173.989	6023123.445		2224.125	RS-700	0.47877144654
4062	9/12/2019 9:01:05		-122.362	37.718	2089175.486	6023121.449		2299.825	RS-700	0.95487150943
4063	9/12/2019 9:01:06		-122.362	37.718	2089176.983	6023119.425		2249.702	RS-700	0.63963484277
4064	9/12/2019 9:01:07		-122.362	37.718	2089178.517	6023117.373		2304.144	RS-700	0.98203754717
4065	9/12/2019 9:01:08		-122.362	37.718	2089179.867	6023115.403		2322.718	RS-700	1.09885540881
4066	9/12/2019 9:01:09		-122.362	37.718	2089181.251	6023113.579		2253.694	RS-700	0.66474207547
4067	9/12/2019 9:01:10		-122.362	37.718	2089182.636	6023111.698		2287.392	RS-700	0.87667786164
4068	9/12/2019 9:01:11		-122.362	37.718	2089184.130	6023109.818		2239.570	RS-700	0.57590930818
4069	9/12/2019 9:01:12		-122.362	37.718	2089185.588	6023107.938		2258.809	RS-700	0.69691251572
4070	9/12/2019 9:01:13		-122.362	37.718	2089187.048	6023105.913		2245.922	RS-700	0.61586408805
4071	9/12/2019 9:01:14		-122.362	37.718	2089188.693	6023103.776		2358.609	RS-700	1.32458603774
4072	9/12/2019 9:01:15		-122.362	37.718	2089190.304	6023101.522		2276.724	RS-700	0.80958641509
4073	9/12/2019 9:01:16		-122.362	37.718	2089191.986	6023099.328		2328.186	RS-700	1.13324584906
4074	9/12/2019 9:01:17		-122.362	37.718	2089193.629	6023097.307		2327.603	RS-700	1.12957798742
4075	9/12/2019 9:01:18		-122.362	37.718	2089195.273	6023095.227		2361.912	RS-700	1.34535773585
4076	9/12/2019 9:01:19		-122.362	37.718	2089196.917	6023093.148		2448.001	RS-700	1.88679635220
4077	9/12/2019 9:01:20		-122.362	37.718	2089198.559	6023091.127		2427.627	RS-700	1.75865962264
4078	9/12/2019 9:01:21		-122.362	37.718	2089200.129	6023089.133		2391.097	RS-700	1.52890962264
4079	9/12/2019 9:01:22		-122.362	37.718	2089201.625	6023087.138		2405.862	RS-700	1.62177327044
4080	9/12/2019 9:01:23		-122.362	37.718	2089203.122	6023085.142		2373.618	RS-700	1.41898345912
4081	9/12/2019 9:01:24		-122.362	37.718	2089204.728	6023083.120		2423.113	RS-700	1.73026880503
4082	9/12/2019 9:01:25		-122.362	37.718	2089206.299	6023081.040		2378.568	RS-700	1.45011452830
4083	9/12/2019 9:01:26		-122.362	37.718	2089207.869	6023079.017		2351.490	RS-700	1.27981119497
4084	9/12/2019 9:01:27		-122.362	37.718	2089209.331	6023076.905		2341.543	RS-700	1.21725132075
4085	9/12/2019 9:01:28		-122.362	37.718	2089210.903	6023074.796		2385.207	RS-700	1.49186949686
4086	9/12/2019 9:01:29		-122.362	37.718	2089212.547	6023072.688		2321.599	RS-700	1.09181572327

Gamma Scan Survey Results
Survey Unit 4 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
4087	9/12/2019 9:01:30		-122.362	37.718	2089214.190	6023070.666		2280.048	RS-700	0.83049062893
4088	9/12/2019 9:01:31		-122.362	37.718	2089215.834	6023068.558		2321.936	RS-700	1.09393647799
4089	9/12/2019 9:01:32		-122.362	37.718	2089217.514	6023066.509		2244.252	RS-700	0.60535943396
4090	9/12/2019 9:01:33		-122.362	37.718	2089219.195	6023064.401		2268.687	RS-700	0.75903937107
4091	9/12/2019 9:01:34		-122.362	37.718	2089220.803	6023062.292		2290.264	RS-700	0.89474289308
4092	9/12/2019 9:01:35		-122.362	37.718	2089222.411	6023060.184		2334.955	RS-700	1.17581477987
4093	9/12/2019 9:01:36		-122.362	37.718	2089224.019	6023058.075		2298.113	RS-700	0.94410767296
4094	9/12/2019 9:01:37		-122.362	37.718	2089225.773	6023055.940		2167.343	RS-700	0.12165383648
4095	9/12/2019 9:01:38		-122.362	37.718	2089227.601	6023053.720		2192.124	RS-700	0.27750672956
4096	9/12/2019 9:01:39		-122.362	37.718	2089229.428	6023051.586		2222.030	RS-700	0.46559603774
4097	9/12/2019 9:01:40		-122.362	37.718	2089230.894	6023049.330		2177.673	RS-700	0.18662540881
4098	9/12/2019 9:01:41		-122.362	37.718	2089232.575	6023047.194		2133.299	RS-700	-0.09245672956
4099	9/12/2019 9:01:42		-122.362	37.718	2089234.258	6023044.971		2115.063	RS-700	-0.20715012579
4100	9/12/2019 9:01:43		-122.362	37.718	2089235.978	6023042.719		2194.774	RS-700	0.29417641509
4101	9/12/2019 9:01:44		-122.362	37.718	2089237.624	6023040.525		2156.202	RS-700	0.05158251572
4102	9/12/2019 9:01:45		-122.362	37.718	2089239.158	6023038.472		2257.924	RS-700	0.69134716981
4103	9/12/2019 9:01:46		-122.362	37.718	2089240.877	6023036.308		2239.114	RS-700	0.57304226415
4104	9/12/2019 9:01:47		-122.362	37.718	2089242.485	6023034.170		2272.604	RS-700	0.78367559748
4105	9/12/2019 9:01:48		-122.362	37.718	2089244.204	6023032.005		2276.472	RS-700	0.80800106918
4106	9/12/2019 9:01:49		-122.362	37.718	2089245.888	6023029.724		2217.130	RS-700	0.43478012579
4107	9/12/2019 9:01:50		-122.362	37.718	2089247.494	6023027.702		2264.151	RS-700	0.73050968554
4108	9/12/2019 9:01:51		-122.362	37.718	2089249.247	6023025.654		2221.014	RS-700	0.45920484277
4109	9/12/2019 9:01:52		-122.362	37.718	2089250.963	6023023.577		2249.260	RS-700	0.63685534591
4110	9/12/2019 9:01:53		-122.362	37.718	2089252.568	6023021.641		2161.668	RS-700	0.08596062893
4111	9/12/2019 9:01:54		-122.362	37.718	2089254.246	6023019.650		2241.028	RS-700	0.58507974843
4112	9/12/2019 9:01:55		-122.362	37.718	2089255.926	6023017.600		2356.611	RS-700	1.31201767296
4113	9/12/2019 9:01:56		-122.362	37.718	2089257.381	6023015.864		2124.436	RS-700	-0.14819911950
4114	9/12/2019 9:01:57		-122.362	37.718	2089258.498	6023014.643		2265.042	RS-700	0.73611226415
4115	9/12/2019 9:01:58		-122.362	37.718	2089258.892	6023013.146		2249.031	RS-700	0.63541786164
4116	9/12/2019 9:01:59		-122.362	37.718	2089259.031	6023011.644		2251.036	RS-700	0.64802396226
4117	9/12/2019 9:02:00		-122.362	37.718	2089259.424	6023010.206		2231.688	RS-700	0.52633974843
4118	9/12/2019 9:02:01		-122.362	37.718	2089259.419	6023008.614		2200.232	RS-700	0.32850396226
4119	9/12/2019 9:02:02		-122.362	37.718	2089258.720	6023007.154		2224.799	RS-700	0.48301433962
4120	9/12/2019 9:02:03		-122.362	37.718	2089258.265	6023006.190		2255.489	RS-700	0.67603006289
4121	9/12/2019 9:02:04		-122.362	37.718	2089258.101	6023005.290		2324.939	RS-700	1.11282327044
4122	9/12/2019 9:02:05		-122.362	37.718	2089258.234	6023004.107		2310.952	RS-700	1.02485471698
4123	9/12/2019 9:02:06		-122.362	37.718	2089258.916	6023002.761		2221.351	RS-700	0.46132503145
4124	9/12/2019 9:02:07		-122.362	37.718	2089260.245	6023001.890		2182.108	RS-700	0.21451320755
4125	9/12/2019 9:02:08		-122.362	37.718	2089261.422	6023001.306		2270.811	RS-700	0.77239930818
4126	9/12/2019 9:02:09		-122.362	37.718	2089262.163	6023000.655		2198.118	RS-700	0.31520830189
4127	9/12/2019 9:02:10		-122.362	37.718	2089263.156	6023000.155		2255.153	RS-700	0.67391773585
4128	9/12/2019 9:02:11		-122.362	37.718	2089264.391	6023000.353		2166.783	RS-700	0.11812937107
4129	9/12/2019 9:02:12		-122.362	37.718	2089265.300	6023000.429		2225.465	RS-700	0.48720352201
4130	9/12/2019 9:02:13		-122.362	37.718	2089266.798	6023000.140		2207.120	RS-700	0.37182603774
4131	9/12/2019 9:02:14		-122.362	37.718	2089267.937	6022999.642		2201.011	RS-700	0.33340383648
4132	9/12/2019 9:02:15		-122.362	37.718	2089268.755	6022998.819		2324.488	RS-700	1.10998823899
4133	9/12/2019 9:02:16		-122.362	37.718	2089269.690	6022997.565		2333.593	RS-700	1.16725389937
4134	9/12/2019 9:02:17		-122.362	37.718	2089270.963	6022995.826		2328.184	RS-700	1.13323264151
4135	9/12/2019 9:02:18		-122.362	37.718	2089272.420	6022993.974		2329.603	RS-700	1.14215528302
4136	9/12/2019 9:02:19		-122.362	37.718	2089273.984	6022992.270		2365.682	RS-700	1.36907157233
4137	9/12/2019 9:02:20		-122.362	37.718	2089275.365	6022990.590		2272.705	RS-700	0.78430861635
4138	9/12/2019 9:02:21		-122.362	37.718	2089276.746	6022988.911		2212.133	RS-700	0.40335421384
4139	9/12/2019 9:02:22		-122.363	37.718	2089278.276	6022987.061		2314.066	RS-700	1.04443767296
4140	9/12/2019 9:02:23		-122.363	37.718	2089279.879	6022985.212		2345.083	RS-700	1.23951603774
4141	9/12/2019 9:02:24		-122.363	37.718	2089281.264	6022983.330		2354.722	RS-700	1.30014050314
4142	9/12/2019 9:02:25		-122.363	37.718	2089282.830	6022981.481		2383.620	RS-700	1.48188377358
4143	9/12/2019 9:02:26		-122.363	37.718	2089284.290	6022979.485		2373.964	RS-700	1.42115540881
4144	9/12/2019 9:02:27		-122.363	37.718	2089285.716	6022977.373		2452.129	RS-700	1.91275893082
4145	9/12/2019 9:02:28		-122.363	37.718	2089287.248	6022975.407		2353.603	RS-700	1.29309798742
4146	9/12/2019 9:02:29		-122.363	37.718	2089288.813	6022973.645		2313.408	RS-700	1.04030132075
4147	9/12/2019 9:02:30		-122.363	37.718	2089290.196	6022971.878		2353.186	RS-700	1.29047509434

Gamma Scan Survey Results
Survey Unit 4 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
4148	9/12/2019 9:02:31		-122.363	37.718	2089291.614	6022970.142		2367.731	RS-700	1.38195704403
4149	9/12/2019 9:02:32		-122.363	37.718	2089293.178	6022968.408		2374.611	RS-700	1.42522566038
4150	9/12/2019 9:02:33		-122.363	37.718	2089294.598	6022966.614		2358.192	RS-700	1.32196383648
4151	9/12/2019 9:02:34		-122.363	37.718	2089296.132	6022964.562		2287.161	RS-700	0.87522345912
4152	9/12/2019 9:02:35		-122.363	37.718	2089297.810	6022962.599		2277.047	RS-700	0.81161522013
4153	9/12/2019 9:02:36		-122.363	37.718	2089299.305	6022960.690		2306.942	RS-700	0.99963490566
4154	9/12/2019 9:02:37		-122.363	37.718	2089300.758	6022959.041		2324.188	RS-700	1.10809918239
4155	9/12/2019 9:02:38		-122.363	37.718	2089301.878	6022957.675		2392.335	RS-700	1.53669515723
4156	9/12/2019 9:02:39		-122.363	37.718	2089302.138	6022957.391		2245.245	RS-700	0.61160635220
4157	9/12/2019 9:02:40		-122.363	37.718	2089301.951	6022957.647		2248.031	RS-700	0.62912735849
4158	9/12/2019 9:02:41		-122.363	37.718	2089301.024	6022958.497		2400.454	RS-700	1.58776364780
4159	9/12/2019 9:02:42		-122.363	37.718	2089299.410	6022959.072		2304.600	RS-700	0.98490352201
4160	9/12/2019 9:02:43		-122.363	37.718	2089297.332	6022959.176		2282.391	RS-700	0.84522886793
4161	9/12/2019 9:02:44		-122.363	37.718	2089297.368	6022959.176		2284.631	RS-700	0.85931654088
4162	9/12/2019 9:02:45		-122.363	37.718	2089299.086	6022958.892		2350.202	RS-700	1.27171270440
4163	9/12/2019 9:02:46		-122.363	37.718	2089301.089	6022958.845		2286.619	RS-700	0.87181578616
4164	9/12/2019 9:02:47		-122.363	37.718	2089302.649	6022959.195		2269.931	RS-700	0.76686094340
4165	9/12/2019 9:02:48		-122.363	37.718	2089303.698	6022959.534		2272.357	RS-700	0.78211786164
4166	9/12/2019 9:02:49		-122.363	37.718	2089302.943	6022959.027		2205.680	RS-700	0.36276798742
4167	9/12/2019 9:02:50		-122.363	37.718	2089301.619	6022957.843		2212.905	RS-700	0.40820622642
4168	9/12/2019 9:02:51		-122.363	37.718	2089300.518	6022956.433		2309.596	RS-700	1.01632616352
4169	9/12/2019 9:02:52		-122.363	37.718	2089299.837	6022955.898		2291.819	RS-700	0.90452314465
4170	9/12/2019 9:02:53		-122.363	37.718	2089300.665	6022956.378		2202.674	RS-700	0.34386182390
4171	9/12/2019 9:02:54		-122.363	37.718	2089301.487	6022957.175		2305.938	RS-700	0.99331981132
4172	9/12/2019 9:02:55		-122.363	37.718	2089301.945	6022957.937		2258.136	RS-700	0.69268062893
4173	9/12/2019 9:02:56		-122.363	37.718	2089302.258	6022958.695		2173.888	RS-700	0.16281628931
4174	9/12/2019 9:02:57		-122.363	37.718	2089302.272	6022959.795		2275.047	RS-700	0.79903962264
4175	9/12/2019 9:02:58		-122.363	37.718	2089302.267	6022960.055		2246.150	RS-700	0.61729616352
4176	9/12/2019 9:02:59		-122.363	37.718	2089302.268	6022960.026		2299.057	RS-700	0.95004201258
4177	9/12/2019 9:03:00		-122.363	37.718	2089302.246	6022959.273		2318.299	RS-700	1.07106176101
4178	9/12/2019 9:03:01		-122.363	37.718	2089302.332	6022958.639		2229.352	RS-700	0.51164534591
4179	9/12/2019 9:03:02		-122.363	37.718	2089302.233	6022959.938		2259.380	RS-700	0.70050364780
4180	9/12/2019 9:03:03		-122.363	37.718	2089302.094	6022961.440		2349.328	RS-700	1.26621515723
4181	9/12/2019 9:03:04		-122.363	37.718	2089301.452	6022962.584		2297.944	RS-700	0.94304433962
4182	9/12/2019 9:03:05		-122.363	37.718	2089300.230	6022963.602		2328.433	RS-700	1.13479597484
4183	9/12/2019 9:03:06		-122.363	37.718	2089298.679	6022964.670		2264.814	RS-700	0.73467610063
4184	9/12/2019 9:03:07		-122.363	37.718	2089297.204	6022965.595		2219.686	RS-700	0.45085389937
4185	9/12/2019 9:03:08		-122.363	37.718	2089296.869	6022965.936		2299.289	RS-700	0.95150371069
4186	9/12/2019 9:03:09		-122.363	37.718	2089297.553	6022964.532		2275.042	RS-700	0.79900754717
4187	9/12/2019 9:03:10		-122.363	37.718	2089298.359	6022962.436		2343.842	RS-700	1.23171182390
4188	9/12/2019 9:03:11		-122.363	37.718	2089299.312	6022960.314		2273.715	RS-700	0.79066207547
4189	9/12/2019 9:03:12		-122.363	37.718	2089300.405	6022958.485		2340.428	RS-700	1.21024018868
4190	9/12/2019 9:03:13		-122.363	37.718	2089300.929	6022957.743		2171.649	RS-700	0.14873427673
4191	9/12/2019 9:03:14		-122.363	37.718	2089300.742	6022957.999		2322.203	RS-700	1.09561911950
4192	9/12/2019 9:03:15		-122.363	37.718	2089300.514	6022958.458		2325.420	RS-700	1.11584792453
4193	9/12/2019 9:03:16		-122.363	37.718	2089300.027	6022959.171		2369.969	RS-700	1.39603371069
4194	9/12/2019 9:03:17		-122.363	37.718	2089299.242	6022960.168		2324.486	RS-700	1.10997672956
4195	9/12/2019 9:03:18		-122.363	37.718	2089298.345	6022961.337		2366.859	RS-700	1.37647012579
4196	9/12/2019 9:03:19		-122.363	37.718	2089297.373	6022962.590		2350.188	RS-700	1.27162220126
4197	9/12/2019 9:03:20		-122.363	37.718	2089296.253	6022963.985		2324.599	RS-700	1.11068383648
4198	9/12/2019 9:03:21		-122.363	37.718	2089295.132	6022965.410		2294.939	RS-700	0.92414660377
4199	9/12/2019 9:03:22		-122.363	37.718	2089293.975	6022966.804		2287.816	RS-700	0.87934710692
4200	9/12/2019 9:03:23		-122.363	37.718	2089292.929	6022968.143		2273.043	RS-700	0.78643660377
4201	9/12/2019 9:03:24		-122.363	37.718	2089291.881	6022969.540		2390.327	RS-700	1.52407150943
4202	9/12/2019 9:03:25		-122.363	37.718	2089290.984	6022970.679		2323.830	RS-700	1.10585150943
4203	9/12/2019 9:03:26		-122.363	37.718	2089290.123	6022971.848		2240.704	RS-700	0.58304245283
4204	9/12/2019 9:03:27		-122.363	37.718	2089288.923	6022973.618		2299.480	RS-700	0.95270213837
4205	9/12/2019 9:03:28		-122.363	37.718	2089287.649	6022975.386		2321.066	RS-700	1.08846553459
4206	9/12/2019 9:03:29		-122.363	37.718	2089286.788	6022976.555		2272.817	RS-700	0.78500974843
4207	9/12/2019 9:03:30		-122.363	37.718	2089286.414	6022977.068		2369.442	RS-700	1.39271792453
4208	9/12/2019 9:03:31		-122.363	37.718	2089286.414	6022977.097		2345.194	RS-700	1.24021100629

Gamma Scan Survey Results
Survey Unit 4 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
4209	9/12/2019 9:03:32		-122.363	37.718	2089286.449	6022977.127		2348.967	RS-700	1.26394578616
4210	9/12/2019 9:03:33		-122.363	37.718	2089286.449	6022977.127		2330.836	RS-700	1.14991106918
4211	9/12/2019 9:03:34		-122.363	37.718	2089286.449	6022977.127		2345.190	RS-700	1.24018867925
4212	9/12/2019 9:03:35		-122.363	37.718	2089286.449	6022977.127		2390.091	RS-700	1.52258628931
4213	9/12/2019 9:03:36		-122.363	37.718	2089286.450	6022977.098		2284.074	RS-700	0.85581025157
4214	9/12/2019 9:03:37		-122.363	37.718	2089286.449	6022977.127		2267.573	RS-700	0.75203440252
4215	9/12/2019 9:03:38		-122.363	37.718	2089286.450	6022977.098		2297.828	RS-700	0.94231415094
4216	9/12/2019 9:03:39		-122.363	37.718	2089286.450	6022977.098		2313.712	RS-700	1.04221515723
4217	9/12/2019 9:03:40		-122.363	37.718	2089286.486	6022977.099		2293.259	RS-700	0.91357836478
4218	9/12/2019 9:03:41		-122.363	37.718	2089286.450	6022977.069		2340.841	RS-700	1.21283578616
4219	9/12/2019 9:03:42		-122.363	37.718	2089286.450	6022977.069		2402.613	RS-700	1.60133704403
4220	9/12/2019 9:03:43		-122.363	37.718	2089286.487	6022977.070		2283.825	RS-700	0.85424509434
4221	9/12/2019 9:03:44		-122.363	37.718	2089286.487	6022977.070		2339.076	RS-700	1.20173672956
4222	9/12/2019 9:03:45		-122.363	37.718	2089286.487	6022977.070		2329.065	RS-700	1.13877182390
4223	9/12/2019 9:03:46		-122.363	37.718	2089286.487	6022977.070		2390.096	RS-700	1.52261528302
4224	9/12/2019 9:03:47		-122.363	37.718	2089286.487	6022977.070		2343.782	RS-700	1.23133232704
4225	9/12/2019 9:03:48		-122.363	37.718	2089286.450	6022977.069		2314.420	RS-700	1.04666547170
4226	9/12/2019 9:03:49		-122.363	37.718	2089286.414	6022977.068		2217.270	RS-700	0.43565742138
4227	9/12/2019 9:03:50		-122.363	37.718	2089286.450	6022977.098		2398.219	RS-700	1.57370704403
4228	9/12/2019 9:03:51		-122.363	37.718	2089286.450	6022977.098		2286.828	RS-700	0.87313333333
4229	9/12/2019 9:03:52		-122.363	37.718	2089286.450	6022977.098		2268.811	RS-700	0.75981836478
4230	9/12/2019 9:03:53		-122.363	37.718	2089286.414	6022977.097		2298.831	RS-700	0.94862484277
4231	9/12/2019 9:03:54		-122.363	37.718	2089286.449	6022977.127		2331.411	RS-700	1.15352610063
4232	9/12/2019 9:03:55		-122.363	37.718	2089286.449	6022977.127		2330.589	RS-700	1.14835591195
4233	9/12/2019 9:03:56		-122.363	37.718	2089286.449	6022977.127		2418.106	RS-700	1.69878232704
4234	9/12/2019 9:03:57		-122.363	37.718	2089286.449	6022977.127		2300.529	RS-700	0.95930264151
4235	9/12/2019 9:03:58		-122.363	37.718	2089286.449	6022977.127		2320.425	RS-700	1.08443176101
4236	9/12/2019 9:03:59		-122.363	37.718	2089286.449	6022977.127		2368.080	RS-700	1.38415056604
4237	9/12/2019 9:04:00		-122.363	37.718	2089286.449	6022977.156		2331.782	RS-700	1.15586364780
4238	9/12/2019 9:04:01		-122.363	37.718	2089286.448	6022977.185		2248.807	RS-700	0.63400779874
4239	9/12/2019 9:04:02		-122.363	37.718	2089286.411	6022977.213		2426.235	RS-700	1.74990666667
4240	9/12/2019 9:04:03		-122.363	37.718	2089286.337	6022977.298		2284.620	RS-700	0.85924723270
4241	9/12/2019 9:04:04		-122.363	37.718	2089285.699	6022978.240		2449.491	RS-700	1.89616735849
4242	9/12/2019 9:04:05		-122.363	37.718	2089284.426	6022979.980		2344.949	RS-700	1.23867327044
4243	9/12/2019 9:04:06		-122.363	37.718	2089283.040	6022981.919		2241.689	RS-700	0.58923610063
4244	9/12/2019 9:04:07		-122.363	37.718	2089281.613	6022984.061		2417.594	RS-700	1.69556213836
4245	9/12/2019 9:04:08		-122.363	37.718	2089280.077	6022986.229		2304.524	RS-700	0.98442911950
4246	9/12/2019 9:04:09		-122.362	37.718	2089278.470	6022988.309		2279.143	RS-700	0.82479867925
4247	9/12/2019 9:04:10		-122.362	37.718	2089276.899	6022990.360		2163.692	RS-700	0.09869383648
4248	9/12/2019 9:04:11		-122.362	37.718	2089275.366	6022992.355		2227.689	RS-700	0.50118572327
4249	9/12/2019 9:04:12		-122.362	37.718	2089274.093	6022994.094		2255.470	RS-700	0.67591377359
4250	9/12/2019 9:04:13		-122.362	37.718	2089273.119	6022995.493		2417.216	RS-700	1.69318289308
4251	9/12/2019 9:04:14		-122.362	37.718	2089272.444	6022996.463		2264.700	RS-700	0.73396025157
4252	9/12/2019 9:04:15		-122.362	37.718	2089272.068	6022997.034		2315.947	RS-700	1.05626874214
4253	9/12/2019 9:04:16		-122.362	37.718	2089271.882	6022997.262		2348.177	RS-700	1.25897761006
4254	9/12/2019 9:04:17		-122.362	37.718	2089271.881	6022997.291		2306.279	RS-700	0.99546333333
4255	9/12/2019 9:04:18		-122.362	37.718	2089271.881	6022997.291		2355.856	RS-700	1.30726798742
4256	9/12/2019 9:04:19		-122.362	37.718	2089271.917	6022997.320		2220.368	RS-700	0.45514654088
4257	9/12/2019 9:04:20		-122.362	37.718	2089271.917	6022997.320		2392.087	RS-700	1.53513635220
4258	9/12/2019 9:04:21		-122.362	37.718	2089271.880	6022997.319		2313.061	RS-700	1.03812050314
4259	9/12/2019 9:04:22		-122.362	37.718	2089271.916	6022997.349		2319.826	RS-700	1.08066716981
4260	9/12/2019 9:04:23		-122.362	37.718	2089271.916	6022997.349		2312.062	RS-700	1.03183710692
4261	9/12/2019 9:04:24		-122.362	37.718	2089271.916	6022997.378		2335.068	RS-700	1.17652729560
4262	9/12/2019 9:04:25		-122.362	37.718	2089271.916	6022997.349		2277.499	RS-700	0.81445949686
4263	9/12/2019 9:04:26		-122.362	37.718	2089271.879	6022997.377		2287.813	RS-700	0.87932540881
4264	9/12/2019 9:04:27		-122.362	37.718	2089271.879	6022997.377		2318.483	RS-700	1.07222062893
4265	9/12/2019 9:04:28		-122.362	37.718	2089271.880	6022997.348		2275.499	RS-700	0.80187767296
4266	9/12/2019 9:04:29		-122.362	37.718	2089271.879	6022997.377		2314.360	RS-700	1.04628899371
4267	9/12/2019 9:04:30		-122.362	37.718	2089271.879	6022997.377		2284.176	RS-700	0.85645144654
4268	9/12/2019 9:04:31		-122.362	37.718	2089271.843	6022997.377		2255.036	RS-700	0.67318301887
4269	9/12/2019 9:04:32		-122.362	37.718	2089271.843	6022997.377		2288.704	RS-700	0.88492981132

Gamma Scan Survey Results
Survey Unit 4 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
4270	9/12/2019 9:04:33		-122.362	37.718	2089271.843	6022997.377		2385.329	RS-700	1.49263553459
4271	9/12/2019 9:04:34		-122.362	37.718	2089271.842	6022997.405		2366.730	RS-700	1.37566251572
4272	9/12/2019 9:04:35		-122.362	37.718	2089271.806	6022997.405		2290.589	RS-700	0.89678522013
4273	9/12/2019 9:04:36		-122.362	37.718	2089271.692	6022997.663		2261.266	RS-700	0.71236471698
4274	9/12/2019 9:04:37		-122.362	37.718	2089271.130	6022998.433		2396.579	RS-700	1.56338748428
4275	9/12/2019 9:04:38		-122.362	37.718	2089270.905	6022998.775		2308.526	RS-700	1.00959792453
4276	9/12/2019 9:04:39		-122.362	37.718	2089270.531	6022999.231		2352.188	RS-700	1.28420352201
4277	9/12/2019 9:04:40		-122.362	37.718	2089269.011	6023000.618		2210.452	RS-700	0.39277861635
4278	9/12/2019 9:04:41		-122.362	37.718	2089268.878	6023001.773		2198.120	RS-700	0.31521943396
4279	9/12/2019 9:04:42		-122.362	37.718	2089269.046	6023002.499		2180.784	RS-700	0.20618704403
4280	9/12/2019 9:04:43		-122.362	37.718	2089269.355	6023003.431		2254.476	RS-700	0.66966106918
4281	9/12/2019 9:04:44		-122.362	37.718	2089269.913	6023004.686		2197.671	RS-700	0.31239861635
4282	9/12/2019 9:04:45		-122.362	37.718	2089270.831	6023006.122		2231.684	RS-700	0.52631578616
4283	9/12/2019 9:04:46		-122.362	37.718	2089270.366	6023007.531		2250.036	RS-700	0.64173471698
4284	9/12/2019 9:04:47		-122.362	37.718	2089269.539	6023008.816		2133.084	RS-700	-0.09381056604
4285	9/12/2019 9:04:48		-122.362	37.718	2089268.604	6023010.070		2202.234	RS-700	0.34109163522
4286	9/12/2019 9:04:49		-122.362	37.718	2089267.347	6023011.029		2214.348	RS-700	0.41728320755
4287	9/12/2019 9:04:50		-122.362	37.718	2089266.064	6023011.437		2267.043	RS-700	0.74869553459
4288	9/12/2019 9:04:51		-122.362	37.718	2089265.043	6023011.504		2144.772	RS-700	-0.02029911950
4289	9/12/2019 9:04:52		-122.362	37.718	2089263.693	6023011.621		2187.782	RS-700	0.25020251572
4290	9/12/2019 9:04:53		-122.362	37.718	2089262.006	6023012.224		2214.450	RS-700	0.41792245283
4291	9/12/2019 9:04:54		-122.362	37.718	2089261.003	6023013.188		2223.572	RS-700	0.47529471698
4292	9/12/2019 9:04:55		-122.362	37.718	2089260.910	6023014.199		2200.793	RS-700	0.33203427673
4293	9/12/2019 9:04:56		-122.362	37.718	2089259.683	6023015.476		2230.138	RS-700	0.51659044025
4294	9/12/2019 9:04:57		-122.362	37.718	2089258.522	6023017.073		2143.413	RS-700	-0.02884830189
4295	9/12/2019 9:04:58		-122.362	37.718	2089257.468	6023018.788		2290.512	RS-700	0.89630490566
4296	9/12/2019 9:04:59		-122.362	37.718	2089256.085	6023020.583		2209.240	RS-700	0.38515911950
4297	9/12/2019 9:05:00		-122.362	37.718	2089254.736	6023022.466		2113.660	RS-700	-0.21597383648
4298	9/12/2019 9:05:01		-122.362	37.718	2089253.059	6023024.399		2229.911	RS-700	0.51516591195
4299	9/12/2019 9:05:02		-122.362	37.718	2089251.935	6023025.997		2179.094	RS-700	0.19555993711
4300	9/12/2019 9:05:03		-122.362	37.718	2089250.694	6023027.940		2295.526	RS-700	0.92783452830
4301	9/12/2019 9:05:04		-122.362	37.718	2089249.273	6023029.821		2207.267	RS-700	0.37274534591
4302	9/12/2019 9:05:05		-122.362	37.718	2089247.925	6023031.674		2301.826	RS-700	0.96746113208
4303	9/12/2019 9:05:06		-122.362	37.718	2089246.612	6023033.587		2184.110	RS-700	0.22710716981
4304	9/12/2019 9:05:07		-122.362	37.718	2089245.156	6023035.409		2228.482	RS-700	0.50617452830
4305	9/12/2019 9:05:08		-122.362	37.718	2089243.587	6023037.345		2225.239	RS-700	0.48577918239
4306	9/12/2019 9:05:09		-122.362	37.718	2089242.054	6023039.369		2172.572	RS-700	0.15453899371
4307	9/12/2019 9:05:10		-122.362	37.718	2089240.448	6023041.391		2138.769	RS-700	-0.05805817610
4308	9/12/2019 9:05:11		-122.362	37.718	2089238.840	6023043.471		2165.561	RS-700	0.11044471698
4309	9/12/2019 9:05:12		-122.362	37.718	2089237.344	6023045.466		2145.769	RS-700	-0.01403308176
4310	9/12/2019 9:05:13		-122.362	37.718	2089235.847	6023047.490		2078.269	RS-700	-0.43856100629
4311	9/12/2019 9:05:14		-122.362	37.718	2089234.313	6023049.514		2134.872	RS-700	-0.08256396226
4312	9/12/2019 9:05:15		-122.362	37.718	2089232.817	6023051.480		2091.164	RS-700	-0.35745905660
4313	9/12/2019 9:05:16		-122.362	37.718	2089231.210	6023053.560		2232.906	RS-700	0.53399861635
4314	9/12/2019 9:05:17		-122.362	37.718	2089229.605	6023055.524		2155.660	RS-700	0.04817515723
4315	9/12/2019 9:05:18		-122.362	37.718	2089228.073	6023057.490		2152.663	RS-700	0.02932691824
4316	9/12/2019 9:05:19		-122.362	37.718	2089226.577	6023059.427		2188.006	RS-700	0.25161069182
4317	9/12/2019 9:05:20		-122.362	37.718	2089225.083	6023061.336		2231.141	RS-700	0.52289861635
4318	9/12/2019 9:05:21		-122.362	37.718	2089223.513	6023063.359		2230.021	RS-700	0.51585232704
4319	9/12/2019 9:05:22		-122.362	37.718	2089221.942	6023065.439		2226.600	RS-700	0.49433893082
4320	9/12/2019 9:05:23		-122.362	37.718	2089220.370	6023067.549		2333.487	RS-700	1.16658396226
4321	9/12/2019 9:05:24		-122.362	37.718	2089218.801	6023069.543		2288.705	RS-700	0.88493955975
4322	9/12/2019 9:05:25		-122.362	37.718	2089217.268	6023071.537		2291.937	RS-700	0.90526635220
4323	9/12/2019 9:05:26		-122.362	37.718	2089215.698	6023073.560		2404.374	RS-700	1.61241408805
4324	9/12/2019 9:05:27		-122.362	37.718	2089214.165	6023075.555		2417.350	RS-700	1.69402477987
4325	9/12/2019 9:05:28		-122.362	37.718	2089212.671	6023077.463		2330.651	RS-700	1.14874610063
4326	9/12/2019 9:05:29		-122.362	37.718	2089211.245	6023079.547		2409.337	RS-700	1.64362981132
4327	9/12/2019 9:05:30		-122.362	37.718	2089209.748	6023081.571		2449.008	RS-700	1.89313125786
4328	9/12/2019 9:05:31		-122.362	37.718	2089208.031	6023083.678		2301.830	RS-700	0.96748408805
4329	9/12/2019 9:05:32		-122.362	37.718	2089206.352	6023085.698		2337.838	RS-700	1.19394672956
4330	9/12/2019 9:05:33		-122.362	37.718	2089204.673	6023087.719		2475.759	RS-700	2.06137421384

Gamma Scan Survey Results
Survey Unit 4 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
4331	9/12/2019 9:05:34		-122.362	37.718	2089202.993	6023089.798		2370.204	RS-700	1.39751037736
4332	9/12/2019 9:05:35		-122.362	37.718	2089201.275	6023091.933		2501.652	RS-700	2.22422358491
4333	9/12/2019 9:05:36		-122.362	37.718	2089199.592	6023094.156		2327.718	RS-700	1.13030169811
4334	9/12/2019 9:05:37		-122.362	37.718	2089197.982	6023096.352		2314.833	RS-700	1.04926628931
4335	9/12/2019 9:05:38		-122.362	37.718	2089196.371	6023098.605		2265.926	RS-700	0.74167408805
4336	9/12/2019 9:05:39		-122.362	37.718	2089194.652	6023100.828		2251.246	RS-700	0.64934503145
4337	9/12/2019 9:05:40		-122.362	37.718	2089193.045	6023102.879		2273.589	RS-700	0.78986823899
4338	9/12/2019 9:05:41		-122.362	37.718	2089191.477	6023104.786		2098.179	RS-700	-0.31334050315
4339	9/12/2019 9:05:42		-122.362	37.718	2089190.022	6023106.521		1854.649	RS-700	-1.84497515723
4340	9/12/2019 9:05:43		-122.362	37.718	2089188.526	6023108.517		2227.349	RS-700	0.49904823899
4341	9/12/2019 9:05:44		-122.362	37.718	2089187.097	6023110.774		2233.792	RS-700	0.53957094340
4342	9/12/2019 9:05:45		-122.362	37.718	2089185.416	6023112.910		2285.935	RS-700	0.86751333333
4343	9/12/2019 9:05:46		-122.362	37.718	2089183.591	6023114.928		2257.923	RS-700	0.69133930818
4344	9/12/2019 9:05:47		-122.362	37.718	2089181.875	6023116.977		2236.707	RS-700	0.55790723270
4345	9/12/2019 9:05:48		-122.362	37.718	2089180.082	6023119.226		2324.076	RS-700	1.10739471698
4346	9/12/2019 9:05:49		-122.362	37.718	2089178.361	6023121.536		2268.928	RS-700	0.76055339623
4347	9/12/2019 9:05:50		-122.362	37.718	2089176.642	6023123.729		1898.965	RS-700	-1.56626000000
4348	9/12/2019 9:05:51		-122.362	37.718	2089174.885	6023125.980		2211.000	RS-700	0.39622930818
4349	9/12/2019 9:05:52		-122.362	37.718	2089173.090	6023128.345		2209.342	RS-700	0.38579622642
4350	9/12/2019 9:05:53		-122.362	37.718	2089171.295	6023130.710		2250.696	RS-700	0.64588459120
4351	9/12/2019 9:05:54		-122.362	37.718	2089169.500	6023133.076		2190.895	RS-700	0.26977981132
4352	9/12/2019 9:05:55		-122.362	37.718	2089167.928	6023135.186		2261.929	RS-700	0.71653182390
4353	9/12/2019 9:05:56		-122.362	37.718	2089166.394	6023137.238		2222.354	RS-700	0.46763685535
4354	9/12/2019 9:05:57		-122.362	37.718	2089164.860	6023139.319		2241.919	RS-700	0.59068496855
4355	9/12/2019 9:05:58		-122.362	37.718	2089163.325	6023141.430		2227.802	RS-700	0.50189716981
4356	9/12/2019 9:05:59		-122.362	37.718	2089161.901	6023143.426		2276.588	RS-700	0.80872880503
4357	9/12/2019 9:06:00		-122.362	37.718	2089160.818	6023144.765		2269.815	RS-700	0.76613459120
4358	9/12/2019 9:06:01		-122.362	37.718	2089160.166	6023146.430		2239.136	RS-700	0.57318113208
4359	9/12/2019 9:06:02		-122.362	37.718	2089160.419	6023148.344		2182.221	RS-700	0.21522584906
4360	9/12/2019 9:06:03		-122.362	37.718	2089160.857	6023150.117		2152.987	RS-700	0.03136654088
4361	9/12/2019 9:06:04		-122.362	37.718	2089161.008	6023151.683		2211.911	RS-700	0.40195465409
4362	9/12/2019 9:06:05		-122.362	37.718	2089160.181	6023152.997		2199.347	RS-700	0.32293509434
4363	9/12/2019 9:06:06		-122.362	37.718	2089158.925	6023153.898		2217.905	RS-700	0.43965597484
4364	9/12/2019 9:06:07		-122.362	37.718	2089157.530	6023154.420		2184.783	RS-700	0.23134018868
4365	9/12/2019 9:06:08		-122.362	37.718	2089157.092	6023154.469		2187.002	RS-700	0.24529603774
4366	9/12/2019 9:06:09		-122.362	37.718	2089157.751	6023154.308		2249.932	RS-700	0.64107861635
4367	9/12/2019 9:06:10		-122.362	37.718	2089158.777	6023153.982		2192.684	RS-700	0.28103113208
4368	9/12/2019 9:06:11		-122.362	37.718	2089158.961	6023153.927		2186.240	RS-700	0.24050572327
4369	9/12/2019 9:06:12		-122.362	37.718	2089158.157	6023154.056		2224.807	RS-700	0.48306358491
4370	9/12/2019 9:06:13		-122.362	37.718	2089157.463	6023154.158		2191.242	RS-700	0.27196477987
4371	9/12/2019 9:06:14		-122.362	37.718	2089156.802	6023154.405		2215.569	RS-700	0.42496327044
4372	9/12/2019 9:06:15		-122.362	37.718	2089155.698	6023154.991		2291.594	RS-700	0.90310503145
4373	9/12/2019 9:06:16		-122.362	37.718	2089154.920	6023155.670		2167.669	RS-700	0.12370176101
4374	9/12/2019 9:06:17		-122.362	37.718	2089153.194	6023156.387		2195.686	RS-700	0.29991018868
4375	9/12/2019 9:06:18		-122.362	37.718	2089151.745	6023157.834		2211.789	RS-700	0.40118918239
4376	9/12/2019 9:06:19		-122.362	37.718	2089150.509	6023159.516		2254.709	RS-700	0.67112371069
4377	9/12/2019 9:06:20		-122.362	37.718	2089148.873	6023161.248		2374.971	RS-700	1.42749088050
4378	9/12/2019 9:06:21		-122.362	37.718	2089147.159	6023163.182		2379.617	RS-700	1.45670849057
4379	9/12/2019 9:06:22		-122.362	37.718	2089145.479	6023165.231		2208.573	RS-700	0.38096264151
4380	9/12/2019 9:06:23		-122.362	37.718	2089143.908	6023167.312		2274.820	RS-700	0.79761283019
4381	9/12/2019 9:06:24		-122.362	37.718	2089142.156	6023169.331		2262.150	RS-700	0.71792459120
4382	9/12/2019 9:06:25		-122.362	37.718	2089140.738	6023171.068		2266.700	RS-700	0.74654352201
4383	9/12/2019 9:06:26		-122.362	37.718	2089139.238	6023173.207		2214.462	RS-700	0.41800081761
4384	9/12/2019 9:06:27		-122.362	37.718	2089137.701	6023175.433		2211.819	RS-700	0.40137867925
4385	9/12/2019 9:06:28		-122.362	37.718	2089135.946	6023177.626		2288.048	RS-700	0.88080220126
4386	9/12/2019 9:06:29		-122.362	37.718	2089134.152	6023179.934		2266.929	RS-700	0.74798364780
4387	9/12/2019 9:06:30		-122.362	37.718	2089132.429	6023182.301		2252.920	RS-700	0.65987226415
4388	9/12/2019 9:06:31		-122.362	37.718	2089130.672	6023184.609		2265.921	RS-700	0.74164421384
4389	9/12/2019 9:06:32		-122.362	37.718	2089129.022	6023187.006		2298.285	RS-700	0.94518855346
4390	9/12/2019 9:06:33		-122.362	37.718	2089127.336	6023189.345		2194.789	RS-700	0.29426949686
4391	9/12/2019 9:06:34		-122.362	37.718	2089125.579	6023191.653		2236.026	RS-700	0.55362012579

Gamma Scan Survey Results
Survey Unit 4 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
4392	9/12/2019 9:06:35		-122.362	37.718	2089123.820	6023193.991		2208.682	RS-700	0.38164773585
4393	9/12/2019 9:06:36		-122.362	37.718	2089121.550	6023196.434		2142.092	RS-700	-0.03715886792
4394	9/12/2019 9:06:37		-122.362	37.718	2089119.790	6023198.887		2162.992	RS-700	0.09429169811
4395	9/12/2019 9:06:38		-122.362	37.718	2089118.141	6023201.226		2165.682	RS-700	0.11121037736
4396	9/12/2019 9:06:39		-122.362	37.718	2089116.784	6023203.542		2180.225	RS-700	0.20267352201
4397	9/12/2019 9:06:40		-122.362	37.718	2089114.992	6023205.734		2296.706	RS-700	0.93525723270
4398	9/12/2019 9:06:41		-122.362	37.718	2089113.053	6023207.981		2210.792	RS-700	0.39491805031
4399	9/12/2019 9:06:42		-122.362	37.718	2089111.115	6023210.228		2172.888	RS-700	0.15652817610
4400	9/12/2019 9:06:43		-122.362	37.718	2089109.320	6023212.565		2239.704	RS-700	0.57675251572
4401	9/12/2019 9:06:44		-122.362	37.718	2089107.490	6023214.843		2159.993	RS-700	0.07542742138
4402	9/12/2019 9:06:45		-122.362	37.718	2089105.515	6023217.118		2127.080	RS-700	-0.13157547170
4403	9/12/2019 9:06:46		-122.362	37.718	2089103.543	6023219.220		2071.331	RS-700	-0.48219213837
4404	9/12/2019 9:06:47		-122.362	37.718	2089101.825	6023221.384		1934.628	RS-700	-0.76648733138
4405	9/12/2019 9:06:48		-122.362	37.718	2089100.176	6023223.695		2293.361	RS-700	0.28551727273
4406	9/12/2019 9:06:49		-122.362	37.718	2089098.350	6023225.770		2516.037	RS-700	0.93852378299
4407	9/12/2019 9:06:50		-122.362	37.718	2089097.492	6023226.823		2662.361	RS-700	1.36762712610
4408	9/12/2019 9:06:51		-122.362	37.718	2089096.596	6023227.905		2152.095	RS-700	-0.12875483871
4409	9/12/2019 9:06:52		-122.362	37.718	2089095.437	6023229.415		1671.521	RS-700	-1.53806061584
4410	9/12/2019 9:06:53		-122.362	37.718	2089094.088	6023231.327		1866.674	RS-700	-0.96576653959
4411	9/12/2019 9:06:54		-122.362	37.718	2089092.885	6023233.212		2564.297	RS-700	1.08004873900
4412	9/12/2019 9:06:55		-122.362	37.718	2089091.203	6023235.377		2559.318	RS-700	1.06545008798
4413	9/12/2019 9:06:56		-122.362	37.718	2089089.294	6023238.001		2360.435	RS-700	1.33606805031
4414	9/12/2019 9:06:57		-122.362	37.718	2089086.910	6023240.644		2296.308	RS-700	0.93275207547
4415	9/12/2019 9:06:58		-122.362	37.718	2089085.773	6023242.878		2236.029	RS-700	0.55364402516
4416	9/12/2019 9:06:59		-122.362	37.718	2089084.050	6023245.303		2116.760	RS-700	-0.19647962264
4417	9/12/2019 9:07:00		-122.362	37.718	2089081.813	6023247.891		2178.000	RS-700	0.18867672956
4418	9/12/2019 9:07:01		-122.362	37.718	2089080.494	6023250.121		2138.780	RS-700	-0.05798559748
4419	9/12/2019 9:07:02		-122.362	37.718	2089079.837	6023252.047		2160.098	RS-700	0.07608874214
4420	9/12/2019 9:07:03		-122.362	37.718	2089078.340	6023254.042		2101.424	RS-700	-0.29293389937
4421	9/12/2019 9:07:04		-122.362	37.718	2089076.738	6023255.833		2134.668	RS-700	-0.08384603774
4422	9/12/2019 9:07:05		-122.362	37.717	2089075.024	6023257.824		2174.889	RS-700	0.16911452830
4423	9/12/2019 9:07:06		-122.362	37.717	2089073.524	6023259.992		2093.852	RS-700	-0.34055641509
4424	9/12/2019 9:07:07		-122.362	37.717	2089071.918	6023261.986		2106.872	RS-700	-0.25866805031
4425	9/12/2019 9:07:08		-122.362	37.717	2089070.276	6023263.949		1975.616	RS-700	-1.08417528302
4426	9/12/2019 9:07:09		-122.362	37.717	2089068.745	6023265.857		1630.426	RS-700	-3.25518421384
4427	9/12/2019 9:07:10		-122.362	37.717	2089067.144	6023267.648		1333.630	RS-700	-5.12182113208
4428	9/12/2019 9:07:11		-122.362	37.717	2089065.761	6023269.443		1389.355	RS-700	-4.77135062893
4429	9/12/2019 9:07:12		-122.362	37.717	2089062.985	6023271.673		1543.484	RS-700	-3.80198811321
4430	9/12/2019 9:07:13		-122.361	37.717	2089062.694	6023273.461		2133.300	RS-700	-0.09245446541
4431	9/12/2019 9:07:14		-122.361	37.717	2089061.161	6023275.485		2158.342	RS-700	0.06504408805
4432	9/12/2019 9:07:15		-122.361	37.717	2089059.221	6023277.818		1641.670	RS-700	-3.18446842767
4433	9/12/2019 9:07:16		-122.361	37.717	2089057.762	6023279.757		2033.611	RS-700	-0.71942924528
4434	9/12/2019 9:07:17		-122.361	37.717	2089056.123	6023281.575		2117.388	RS-700	-0.19253106918
4435	9/12/2019 9:07:18		-122.361	37.717	2089054.448	6023283.394		2184.674	RS-700	0.23065402516
4436	9/12/2019 9:07:19		-122.361	37.717	2089053.246	6023285.221		2170.211	RS-700	0.13969452830
4437	9/12/2019 9:07:20		-122.361	37.717	2089052.115	6023287.166		2161.884	RS-700	0.08731880503
4438	9/12/2019 9:07:21		-122.361	37.717	2089051.422	6023289.033		2157.202	RS-700	0.05787220126
4439	9/12/2019 9:07:22		-122.361	37.717	2089051.239	6023290.938		2093.765	RS-700	-0.34110364780
4440	9/12/2019 9:07:23		-122.361	37.717	2089051.204	6023292.674		2106.648	RS-700	-0.26007559748
4441	9/12/2019 9:07:24		-122.361	37.717	2089050.735	6023294.313		2089.545	RS-700	-0.36764056604
4442	9/12/2019 9:07:25		-122.361	37.717	2089049.765	6023295.451		2187.675	RS-700	0.24953106918
4443	9/12/2019 9:07:26		-122.361	37.717	2089048.733	6023296.096		2105.186	RS-700	-0.26926949686
4444	9/12/2019 9:07:27		-122.361	37.717	2089047.553	6023296.825		2013.721	RS-700	-0.84451981132
4445	9/12/2019 9:07:28		-122.361	37.717	2089046.198	6023297.174		2090.434	RS-700	-0.36205044025
4446	9/12/2019 9:07:29		-122.361	37.717	2089044.875	6023297.784		2135.875	RS-700	-0.07626006289
4447	9/12/2019 9:07:30		-122.361	37.717	2089044.212	6023298.147		2062.843	RS-700	-0.53558169811
4448	9/12/2019 9:07:31		-122.361	37.717	2089044.876	6023297.755		2051.839	RS-700	-0.60478591195
4449	9/12/2019 9:07:32		-122.361	37.717	2089045.910	6023297.024		2108.757	RS-700	-0.24681314465
4450	9/12/2019 9:07:33		-122.361	37.717	2089046.356	6023296.570		2127.658	RS-700	-0.12793591195
4451	9/12/2019 9:07:34		-122.361	37.717	2089046.318	6023296.627		2186.124	RS-700	0.23977245283
4452	9/12/2019 9:07:35		-122.361	37.717	2089046.207	6023296.711		2148.103	RS-700	0.00064735849

Gamma Scan Survey Results
Survey Unit 4 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
4453	9/12/2019 9:07:36		-122.361	37.717	2089045.838	6023296.993		2094.443	RS-700	-0.33683490566
4454	9/12/2019 9:07:37		-122.361	37.717	2089045.246	6023297.444		2083.948	RS-700	-0.40284433962
4455	9/12/2019 9:07:38		-122.361	37.717	2089044.514	6023297.603		2132.439	RS-700	-0.09786767296
4456	9/12/2019 9:07:39		-122.361	37.717	2089043.408	6023298.276		2024.061	RS-700	-0.77948792453
4457	9/12/2019 9:07:40		-122.361	37.717	2089042.221	6023299.380		2049.937	RS-700	-0.61675132076
4458	9/12/2019 9:07:41		-122.361	37.717	2089041.207	6023300.922		2070.950	RS-700	-0.48459301887
4459	9/12/2019 9:07:42		-122.361	37.717	2089039.905	6023302.314		2082.852	RS-700	-0.40973880503
4460	9/12/2019 9:07:43		-122.361	37.717	2089038.932	6023303.597		2074.541	RS-700	-0.46200786164
4461	9/12/2019 9:07:44		-122.361	37.717	2089037.479	6023305.275		2181.099	RS-700	0.20817000000
4462	9/12/2019 9:07:45		-122.361	37.717	2089035.949	6023307.096		2120.449	RS-700	-0.17327364780
4463	9/12/2019 9:07:46		-122.361	37.717	2089034.305	6023309.175		2107.871	RS-700	-0.25238660377
4464	9/12/2019 9:07:47		-122.361	37.717	2089032.697	6023311.284		2100.860	RS-700	-0.29647610063
4465	9/12/2019 9:07:48		-122.361	37.717	2089031.125	6023313.422		2128.653	RS-700	-0.12167861635
4466	9/12/2019 9:07:49		-122.361	37.717	2089029.338	6023315.412		2054.152	RS-700	-0.59023792453
4467	9/12/2019 9:07:50		-122.361	37.717	2089027.479	6023317.313		2143.769	RS-700	-0.02661295597
4468	9/12/2019 9:07:51		-122.361	37.717	2089025.690	6023319.361		2076.531	RS-700	-0.44949006289
4469	9/12/2019 9:07:52		-122.361	37.717	2089023.972	6023321.496		2076.159	RS-700	-0.45182849057
4470	9/12/2019 9:07:53		-122.361	37.717	2089022.217	6023323.660		2147.883	RS-700	-0.00073893082
4471	9/12/2019 9:07:54		-122.361	37.717	2089020.575	6023325.681		2192.235	RS-700	0.27820880503
4472	9/12/2019 9:07:55		-122.361	37.717	2089019.231	6023327.333		2130.407	RS-700	-0.11064855346
4473	9/12/2019 9:07:56		-122.361	37.717	2089018.182	6023328.816		2088.645	RS-700	-0.37330081761
4474	9/12/2019 9:07:57		-122.361	37.717	2089016.909	6023330.527		2152.780	RS-700	0.03006012579
4475	9/12/2019 9:07:58		-122.361	37.717	2089015.523	6023332.466		2129.229	RS-700	-0.11805628931
4476	9/12/2019 9:07:59		-122.361	37.717	2089013.990	6023334.461		2102.177	RS-700	-0.28819289308
4477	9/12/2019 9:08:00		-122.361	37.717	2089012.383	6023336.541		1940.746	RS-700	-1.30348295597
4478	9/12/2019 9:08:01		-122.361	37.717	2089010.665	6023338.705		2170.670	RS-700	0.14258044025
4479	9/12/2019 9:08:02		-122.361	37.717	2089008.983	6023340.842		2142.196	RS-700	-0.03650037736
4480	9/12/2019 9:08:03		-122.361	37.717	2089007.265	6023343.006		2194.570	RS-700	0.29289062893
4481	9/12/2019 9:08:04		-122.361	37.717	2089005.582	6023345.229		2251.032	RS-700	0.64799779874
4482	9/12/2019 9:08:05		-122.361	37.717	2089003.824	6023347.538		2157.098	RS-700	0.05721968553
4483	9/12/2019 9:08:06		-122.361	37.717	2089002.178	6023349.761		2257.808	RS-700	0.69061591195
4484	9/12/2019 9:08:07		-122.361	37.717	2089000.532	6023351.927		2213.033	RS-700	0.40901459120
4485	9/12/2019 9:08:08		-122.361	37.717	2088998.850	6023354.122		2162.450	RS-700	0.09087786164
4486	9/12/2019 9:08:09		-122.361	37.717	2088997.167	6023356.316		2181.904	RS-700	0.21323389937
4487	9/12/2019 9:08:10		-122.361	37.717	2088995.411	6023358.537		2132.658	RS-700	-0.09649100629
4488	9/12/2019 9:08:11		-122.361	37.717	2088993.691	6023360.818		2198.567	RS-700	0.31802905660
4489	9/12/2019 9:08:12		-122.361	37.717	2088992.154	6023362.986		2130.509	RS-700	-0.11000616352
4490	9/12/2019 9:08:13		-122.361	37.717	2088990.581	6023365.211		2233.692	RS-700	0.53894270440
4491	9/12/2019 9:08:14		-122.361	37.717	2088988.897	6023367.463		2235.795	RS-700	0.55217088050
4492	9/12/2019 9:08:15		-122.361	37.717	2088987.323	6023369.688		2136.976	RS-700	-0.06933383648
4493	9/12/2019 9:08:16		-122.361	37.717	2088985.422	6023371.878		2214.235	RS-700	0.41657415094
4494	9/12/2019 9:08:17		-122.361	37.717	2088983.595	6023374.040		2338.188	RS-700	1.19615276730
4495	9/12/2019 9:08:18		-122.361	37.717	2088981.840	6023376.204		2269.812	RS-700	0.76611452830
4496	9/12/2019 9:08:19		-122.361	37.717	2088980.048	6023378.425		2187.895	RS-700	0.25091327044
4497	9/12/2019 9:08:20		-122.361	37.717	2088978.364	6023380.677		2211.348	RS-700	0.39841226415
4498	9/12/2019 9:08:21		-122.361	37.717	2088976.680	6023382.958		2147.881	RS-700	-0.00074981132
4499	9/12/2019 9:08:22		-122.361	37.717	2088975.030	6023385.327		2128.483	RS-700	-0.12275062893
4500	9/12/2019 9:08:23		-122.361	37.717	2088973.270	6023387.751		2179.780	RS-700	0.19987327044
4501	9/12/2019 9:08:24		-122.361	37.717	2088971.512	6023390.088		2138.544	RS-700	-0.05947371069
4502	9/12/2019 9:08:25		-122.361	37.717	2088969.791	6023392.397		2139.451	RS-700	-0.05376698113
4503	9/12/2019 9:08:26		-122.361	37.717	2088968.108	6023394.591		2198.679	RS-700	0.31873477987
4504	9/12/2019 9:08:27		-122.361	37.717	2088966.461	6023396.844		2178.879	RS-700	0.19421012579
4505	9/12/2019 9:08:28		-122.361	37.717	2088964.817	6023398.952		2176.354	RS-700	0.17832396226
4506	9/12/2019 9:08:29		-122.361	37.717	2088963.282	6023401.034		2179.525	RS-700	0.19826836478
4507	9/12/2019 9:08:30		-122.361	37.717	2088961.712	6023403.056		2245.029	RS-700	0.61024534591
4508	9/12/2019 9:08:31		-122.361	37.717	2088960.069	6023405.107		2064.323	RS-700	-0.52627352201
4509	9/12/2019 9:08:32		-122.361	37.717	2088958.609	6023407.132		1947.900	RS-700	-1.25849176101
4510	9/12/2019 9:08:33		-122.361	37.717	2088957.185	6023409.128		1618.172	RS-700	-3.33225251572
4511	9/12/2019 9:08:34		-122.361	37.717	2088955.620	6023410.891		1525.598	RS-700	-3.91447490566
4512	9/12/2019 9:08:35		-122.361	37.717	2088954.091	6023412.683		1654.741	RS-700	-3.10225987421
4513	9/12/2019 9:08:36		-122.361	37.717	2088952.119	6023414.814		2176.905	RS-700	0.18179522013

Gamma Scan Survey Results
Survey Unit 4 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
4514	9/12/2019 9:08:37		-122.361	37.717	2088951.282	6023416.620		2200.656	RS-700	0.33116918239
4515	9/12/2019 9:08:38		-122.361	37.717	2088949.601	6023418.727		1948.886	RS-700	-1.25228723270
4516	9/12/2019 9:08:39		-122.361	37.717	2088948.034	6023420.605		1845.488	RS-700	-1.90259188679
4517	9/12/2019 9:08:40		-122.361	37.717	2088946.471	6023422.281		2081.741	RS-700	-0.41672094340
4518	9/12/2019 9:08:41		-122.361	37.717	2088944.909	6023423.928		2205.467	RS-700	0.36142949686
4519	9/12/2019 9:08:42		-122.361	37.717	2088943.456	6023425.577		2217.907	RS-700	0.43966679245
4520	9/12/2019 9:08:43		-122.361	37.717	2088942.185	6023427.201		2287.713	RS-700	0.87869918239
4521	9/12/2019 9:08:44		-122.361	37.717	2088941.247	6023428.571		2277.276	RS-700	0.81305584906
4522	9/12/2019 9:08:45		-122.361	37.717	2088940.650	6023429.311		2190.904	RS-700	0.26983591195
4523	9/12/2019 9:08:46		-122.361	37.717	2088940.122	6023430.227		2263.142	RS-700	0.72416553459
4524	9/12/2019 9:08:47		-122.361	37.717	2088939.925	6023430.975		2351.848	RS-700	1.28206459119
4525	9/12/2019 9:08:48		-122.361	37.717	2088939.885	6023431.148		2193.227	RS-700	0.28444496855
4526	9/12/2019 9:08:49		-122.361	37.717	2088939.649	6023430.217		2300.712	RS-700	0.96044974843
4527	9/12/2019 9:08:50		-122.361	37.717	2088939.234	6023429.110		2248.040	RS-700	0.62918289308
4528	9/12/2019 9:08:51		-122.361	37.717	2088939.369	6023429.604		2219.240	RS-700	0.44804880503
4529	9/12/2019 9:08:52		-122.361	37.717	2088939.639	6023430.709		2299.399	RS-700	0.95219767296
4530	9/12/2019 9:08:53		-122.361	37.717	2088940.094	6023431.615		2254.030	RS-700	0.66685628931
4531	9/12/2019 9:08:54		-122.361	37.717	2088940.511	6023432.635		2208.013	RS-700	0.37744012579
4532	9/12/2019 9:08:55		-122.361	37.717	2088940.891	6023433.656		2212.791	RS-700	0.40749075472
4533	9/12/2019 9:08:56		-122.361	37.717	2088941.123	6023434.846		2233.021	RS-700	0.53472377359
4534	9/12/2019 9:08:57		-122.361	37.717	2088940.988	6023436.117		2125.870	RS-700	-0.13917987421
4535	9/12/2019 9:08:58		-122.361	37.717	2088940.456	6023437.234		2187.779	RS-700	0.25018515723
4536	9/12/2019 9:08:59		-122.361	37.717	2088939.711	6023438.058		2297.905	RS-700	0.94279786164
4537	9/12/2019 9:09:00		-122.361	37.717	2088938.896	6023438.766		2240.250	RS-700	0.58018566038
4538	9/12/2019 9:09:01		-122.361	37.717	2088938.006	6023439.558		2344.077	RS-700	1.23318660377
4539	9/12/2019 9:09:02		-122.361	37.717	2088937.157	6023440.120		2305.355	RS-700	0.98965352201
4540	9/12/2019 9:09:03		-122.361	37.717	2088936.172	6023440.216		2217.686	RS-700	0.43827641509
4541	9/12/2019 9:09:04		-122.361	37.717	2088934.934	6023440.191		2214.910	RS-700	0.42081987421
4542	9/12/2019 9:09:05		-122.361	37.717	2088934.094	6023440.319		2299.164	RS-700	0.95071761006
4543	9/12/2019 9:09:06		-122.361	37.717	2088932.883	6023440.787		2229.819	RS-700	0.51458194969
4544	9/12/2019 9:09:07		-122.361	37.717	2088931.768	6023441.893		2295.158	RS-700	0.92552377359
4545	9/12/2019 9:09:08		-122.361	37.717	2088930.720	6023443.348		2283.047	RS-700	0.84935301887
4546	9/12/2019 9:09:09		-122.361	37.717	2088929.520	6023445.088		2319.066	RS-700	1.07588716981
4547	9/12/2019 9:09:10		-122.361	37.717	2088928.244	6023446.972		2285.943	RS-700	0.86756893082
4548	9/12/2019 9:09:11		-122.361	37.717	2088926.823	6023448.854		2237.693	RS-700	0.56410823899
4549	9/12/2019 9:09:12		-122.361	37.717	2088925.401	6023450.764		2227.579	RS-700	0.50049452830
4550	9/12/2019 9:09:13		-122.361	37.717	2088923.797	6023452.641		2240.922	RS-700	0.58441566038
4551	9/12/2019 9:09:14		-122.361	37.717	2088922.264	6023454.665		2272.733	RS-700	0.78448377359
4552	9/12/2019 9:09:15		-122.361	37.717	2088920.802	6023456.776		2187.782	RS-700	0.25020232704
4553	9/12/2019 9:09:16		-122.361	37.717	2088919.451	6023458.775		1873.827	RS-700	-1.72435672956
4554	9/12/2019 9:09:17		-122.361	37.717	2088918.033	6023460.482		2125.657	RS-700	-0.14052182390
4555	9/12/2019 9:09:18		-122.361	37.717	2088916.579	6023462.189		2136.518	RS-700	-0.07221528302
4556	9/12/2019 9:09:19		-122.361	37.717	2088915.194	6023464.071		2248.921	RS-700	0.63472339623
4557	9/12/2019 9:09:20		-122.361	37.717	2088913.631	6023465.718		2236.910	RS-700	0.55917949686
4558	9/12/2019 9:09:21		-122.361	37.717	2088912.067	6023467.481		2266.950	RS-700	0.74811106918
4559	9/12/2019 9:09:22		-122.361	37.717	2088910.645	6023469.391		2169.999	RS-700	0.13836081761
4560	9/12/2019 9:09:23		-122.361	37.717	2088909.334	6023471.216		2177.564	RS-700	0.18593597484
4561	9/12/2019 9:09:24		-122.361	37.717	2088908.249	6023472.670		2022.126	RS-700	-0.79166320755
4562	9/12/2019 9:09:25		-122.361	37.717	2088906.647	6023474.490		2137.875	RS-700	-0.06367622642
4563	9/12/2019 9:09:26		-122.361	37.717	2088905.005	6023476.482		2283.745	RS-700	0.85374327044
4564	9/12/2019 9:09:27		-122.361	37.717	2088903.433	6023478.592		2192.353	RS-700	0.27894962264
4565	9/12/2019 9:09:28		-122.361	37.717	2088901.899	6023480.644		2117.770	RS-700	-0.19012389937
4566	9/12/2019 9:09:29		-122.361	37.717	2088900.329	6023482.696		2183.003	RS-700	0.22014402516
4567	9/12/2019 9:09:30		-122.361	37.717	2088898.832	6023484.691		2201.926	RS-700	0.33915597484
4568	9/12/2019 9:09:31		-122.361	37.717	2088897.150	6023486.857		2302.052	RS-700	0.96887962264
4569	9/12/2019 9:09:32		-122.361	37.717	2088895.650	6023489.054		2205.891	RS-700	0.36409377359
4570	9/12/2019 9:09:33		-122.361	37.717	2088894.077	6023491.251		2247.035	RS-700	0.62286352201
4571	9/12/2019 9:09:34		-122.361	37.717	2088892.470	6023493.302		2333.178	RS-700	1.16464251572
4572	9/12/2019 9:09:35		-122.361	37.717	2088890.974	6023495.239		2207.790	RS-700	0.37603962264
4573	9/12/2019 9:09:36		-122.361	37.717	2088889.479	6023497.206		2273.274	RS-700	0.78788918239
4574	9/12/2019 9:09:37		-122.361	37.717	2088888.017	6023499.260		2269.813	RS-700	0.76612012579

Gamma Scan Survey Results
Survey Unit 4 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
4575	9/12/2019 9:09:38		-122.361	37.717	2088886.556	6023501.343		2193.906	RS-700	0.28871452830
4576	9/12/2019 9:09:39		-122.361	37.717	2088885.023	6023503.308		2222.571	RS-700	0.46899748428
4577	9/12/2019 9:09:40		-122.361	37.717	2088883.531	6023505.101		2255.273	RS-700	0.67467509434
4578	9/12/2019 9:09:41		-122.361	37.717	2088882.188	6023506.724		2164.994	RS-700	0.10688044025
4579	9/12/2019 9:09:42		-122.361	37.717	2088880.955	6023508.290		2114.754	RS-700	-0.20909389937
4580	9/12/2019 9:09:43		-122.361	37.717	2088880.243	6023509.289		2160.431	RS-700	0.07818459120
4581	9/12/2019 9:09:44		-122.361	37.717	2088879.831	6023509.830		2146.548	RS-700	-0.00913081761
4582	9/12/2019 9:09:45		-122.361	37.717	2088879.868	6023509.802		2149.769	RS-700	0.01112283019
4583	9/12/2019 9:09:46		-122.361	37.717	2088879.832	6023509.801		2147.310	RS-700	-0.00434138365
4584	9/12/2019 9:09:47		-122.361	37.717	2088879.868	6023509.802		2255.928	RS-700	0.67879100629
4585	9/12/2019 9:09:48		-122.361	37.717	2088879.869	6023509.773		2226.786	RS-700	0.49551232704
4586	9/12/2019 9:09:49		-122.361	37.717	2088879.869	6023509.773		2199.563	RS-700	0.32429842767
4587	9/12/2019 9:09:50		-122.361	37.717	2088879.869	6023509.773		2216.121	RS-700	0.42843572327
4588	9/12/2019 9:09:51		-122.361	37.717	2088879.833	6023509.772		2081.637	RS-700	-0.41737509434
4589	9/12/2019 9:09:52		-122.361	37.717	2088879.833	6023509.772		2166.319	RS-700	0.11521264151
4590	9/12/2019 9:09:53		-122.361	37.717	2088879.833	6023509.743		2172.877	RS-700	0.15646075472
4591	9/12/2019 9:09:54		-122.361	37.717	2088879.870	6023509.744		2149.198	RS-700	0.00753767296
4592	9/12/2019 9:09:55		-122.361	37.717	2088879.870	6023509.715		2169.985	RS-700	0.13827308176
4593	9/12/2019 9:09:56		-122.361	37.717	2088879.906	6023509.745		2171.888	RS-700	0.15024163522
4594	9/12/2019 9:09:57		-122.361	37.717	2088879.794	6023509.858		2234.914	RS-700	0.54663119497
4595	9/12/2019 9:09:58		-122.361	37.717	2088879.196	6023510.657		2085.644	RS-700	-0.39217389937
4596	9/12/2019 9:09:59		-122.361	37.717	2088878.074	6023512.139		2061.846	RS-700	-0.54184660377
4597	9/12/2019 9:10:00		-122.361	37.717	2088876.767	6023513.733		1897.677	RS-700	-1.57435817610
4598	9/12/2019 9:10:01		-122.361	37.717	2088875.314	6023515.411		2117.080	RS-700	-0.19446603774
4599	9/12/2019 9:10:02		-122.361	37.717	2088875.239	6023515.525		1820.655	RS-700	-2.05877308176
4600	9/12/2019 9:10:03		-122.361	37.717	2088876.327	6023513.898		1959.289	RS-700	-1.18686257862
4601	9/12/2019 9:10:04		-122.361	37.717	2088876.717	6023512.632		2127.554	RS-700	-0.12859433962
4602	9/12/2019 9:10:05		-122.361	37.717	2088876.568	6023510.951		2137.086	RS-700	-0.06863962264
4603	9/12/2019 9:10:06		-122.361	37.717	2088876.052	6023509.437		2201.791	RS-700	0.33830981132
4604	9/12/2019 9:10:07		-122.361	37.717	2088875.986	6023509.088		2128.550	RS-700	-0.12232496855
4605	9/12/2019 9:10:08		-122.361	37.717	2088876.154	6023509.786		2180.434	RS-700	0.20398528302
4606	9/12/2019 9:10:09		-122.361	37.717	2088876.415	6023511.296		2037.038	RS-700	-0.69787201258
4607	9/12/2019 9:10:10		-122.361	37.717	2088876.963	6023513.071		2014.831	RS-700	-0.83754125786
4608	9/12/2019 9:10:11		-122.361	37.717	2088878.213	6023514.311		2145.663	RS-700	-0.01469522013
4609	9/12/2019 9:10:12		-122.361	37.717	2088879.149	6023514.822		2021.930	RS-700	-0.79289194969
4610	9/12/2019 9:10:13		-122.361	37.717	2088878.750	6023514.785		1926.495	RS-700	-1.39311597484
4611	9/12/2019 9:10:14		-122.361	37.717	2088877.694	6023514.764		1912.071	RS-700	-1.48383163522
4612	9/12/2019 9:10:15		-122.361	37.717	2088875.867	6023515.075		2014.931	RS-700	-0.83691000000
4613	9/12/2019 9:10:16		-122.361	37.717	2088874.464	6023516.001		2100.651	RS-700	-0.29779088050
4614	9/12/2019 9:10:17		-122.361	37.717	2088874.942	6023515.779		2006.506	RS-700	-0.88990251572
4615	9/12/2019 9:10:18		-122.361	37.717	2088875.969	6023515.424		1836.558	RS-700	-1.95875358491
4616	9/12/2019 9:10:19		-122.361	37.717	2088877.406	6023514.584		2034.924	RS-700	-0.71116698113
4617	9/12/2019 9:10:20		-122.361	37.717	2088878.405	6023513.794		2238.471	RS-700	0.56899930818
4618	9/12/2019 9:10:21		-122.361	37.717	2088879.150	6023512.941		2178.123	RS-700	0.18945358491
4619	9/12/2019 9:10:22		-122.361	37.717	2088879.864	6023511.856		2146.552	RS-700	-0.00910509434
4620	9/12/2019 9:10:23		-122.361	37.717	2088880.946	6023510.547		2113.654	RS-700	-0.21601213837
4621	9/12/2019 9:10:24		-122.361	37.717	2088882.619	6023508.844		2194.676	RS-700	0.29356062893
4622	9/12/2019 9:10:25		-122.361	37.717	2088884.296	6023506.910		2047.528	RS-700	-0.63189949686
4623	9/12/2019 9:10:26		-122.361	37.717	2088885.901	6023504.975		2162.245	RS-700	0.08959119497
4624	9/12/2019 9:10:27		-122.361	37.717	2088887.319	6023503.238		2168.341	RS-700	0.12792930818
4625	9/12/2019 9:10:28		-122.361	37.717	2088888.590	6023501.615		2228.910	RS-700	0.50886905660
4626	9/12/2019 9:10:29		-122.361	37.717	2088890.235	6023499.477		2338.198	RS-700	1.19621207547
4627	9/12/2019 9:10:30		-122.361	37.717	2088891.806	6023497.368		2236.917	RS-700	0.55922584906
4628	9/12/2019 9:10:31		-122.361	37.717	2088893.415	6023495.201		2215.463	RS-700	0.42429358491
4629	9/12/2019 9:10:32		-122.361	37.717	2088895.134	6023493.008		2203.680	RS-700	0.35018861635
4630	9/12/2019 9:10:33		-122.361	37.717	2088896.814	6023490.929		2183.588	RS-700	0.22382427673
4631	9/12/2019 9:10:34		-122.361	37.717	2088898.385	6023488.848		2264.814	RS-700	0.73467742138
4632	9/12/2019 9:10:35		-122.361	37.717	2088900.064	6023486.828		2191.442	RS-700	0.27321823899
4633	9/12/2019 9:10:36		-122.361	37.717	2088901.854	6023484.723		2116.665	RS-700	-0.19707503145
4634	9/12/2019 9:10:37		-122.361	37.717	2088903.571	6023482.616		2240.250	RS-700	0.58018591195
4635	9/12/2019 9:10:38		-122.361	37.717	2088905.400	6023480.425		2172.452	RS-700	0.15378540881

Gamma Scan Survey Results
Survey Unit 4 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
4636	9/12/2019 9:10:39		-122.361	37.717	2088907.262	6023478.321		2172.681	RS-700	0.15522622642
4637	9/12/2019 9:10:40		-122.361	37.717	2088908.980	6023476.214		2184.888	RS-700	0.23200188679
4638	9/12/2019 9:10:41		-122.361	37.717	2088910.772	6023473.993		2185.331	RS-700	0.23478465409
4639	9/12/2019 9:10:42		-122.361	37.717	2088912.491	6023471.800		2213.906	RS-700	0.41450528302
4640	9/12/2019 9:10:43		-122.361	37.717	2088914.172	6023469.663		2220.242	RS-700	0.45435295598
4641	9/12/2019 9:10:44		-122.361	37.717	2088915.889	6023467.557		2205.574	RS-700	0.36209849057
4642	9/12/2019 9:10:45		-122.361	37.717	2088917.644	6023465.393		2183.459	RS-700	0.22301427673
4643	9/12/2019 9:10:46		-122.361	37.717	2088919.398	6023463.287		1910.588	RS-700	-1.49315522013
4644	9/12/2019 9:10:47		-122.361	37.717	2088921.115	6023461.151		2124.099	RS-700	-0.15031949686
4645	9/12/2019 9:10:48		-122.361	37.717	2088922.686	6023459.071		2223.027	RS-700	0.47187081761
4646	9/12/2019 9:10:49		-122.361	37.717	2088924.402	6023457.022		2276.168	RS-700	0.80608823899
4647	9/12/2019 9:10:50		-122.361	37.717	2088926.081	6023455.001		2228.047	RS-700	0.50343836478
4648	9/12/2019 9:10:51		-122.361	37.717	2088927.722	6023453.095		2177.456	RS-700	0.18525515723
4649	9/12/2019 9:10:52		-122.361	37.717	2088929.254	6023451.101		2168.673	RS-700	0.13001685535
4650	9/12/2019 9:10:53		-122.361	37.717	2088930.898	6023449.050		2148.881	RS-700	0.00553962264
4651	9/12/2019 9:10:54		-122.361	37.717	2088932.359	6023446.996		2194.100	RS-700	0.28993761006
4652	9/12/2019 9:10:55		-122.361	37.717	2088934.037	6023445.034		2160.992	RS-700	0.08170798742
4653	9/12/2019 9:10:56		-122.361	37.717	2088935.714	6023443.100		2174.757	RS-700	0.16828603774
4654	9/12/2019 9:10:57		-122.361	37.717	2088937.316	6023441.309		2205.802	RS-700	0.36353559748
4655	9/12/2019 9:10:58		-122.361	37.717	2088938.546	6023439.887		2160.202	RS-700	0.07674490566
4656	9/12/2019 9:10:59		-122.361	37.717	2088939.742	6023438.348		2221.013	RS-700	0.45920182390
4657	9/12/2019 9:11:00		-122.361	37.717	2088941.263	6023436.932		2233.025	RS-700	0.53475037736
4658	9/12/2019 9:11:01		-122.361	37.717	2088942.684	6023435.080		2192.570	RS-700	0.28031446541
4659	9/12/2019 9:11:02		-122.361	37.717	2088944.106	6023433.141		2219.897	RS-700	0.45218075472
4660	9/12/2019 9:11:03		-122.361	37.717	2088945.716	6023430.945		2177.097	RS-700	0.18299798742
4661	9/12/2019 9:11:04		-122.361	37.717	2088947.400	6023428.693		2144.880	RS-700	-0.01962339623
4662	9/12/2019 9:11:05		-122.361	37.717	2088948.974	6023426.439		2101.856	RS-700	-0.29021522013
4663	9/12/2019 9:11:06		-122.361	37.717	2088950.473	6023424.299		1802.294	RS-700	-2.17425471698
4664	9/12/2019 9:11:07		-122.361	37.717	2088951.898	6023422.273		2159.889	RS-700	0.07477169811
4665	9/12/2019 9:11:08		-122.361	37.717	2088953.506	6023420.136		2082.537	RS-700	-0.41171622642
4666	9/12/2019 9:11:09		-122.361	37.717	2088955.224	6023418.000		1803.367	RS-700	-2.16750113208
4667	9/12/2019 9:11:10		-122.361	37.717	2088956.871	6023415.776		1218.229	RS-700	-5.84761811321
4668	9/12/2019 9:11:11		-122.361	37.717	2088958.514	6023413.726		1408.382	RS-700	-4.65168716981
4669	9/12/2019 9:11:12		-122.361	37.717	2088960.014	6023411.528		2013.724	RS-700	-0.84450371069
4670	9/12/2019 9:11:13		-122.361	37.717	2088961.402	6023409.531		2144.664	RS-700	-0.02098389937
4671	9/12/2019 9:11:14		-122.361	37.717	2088962.863	6023407.477		2208.231	RS-700	0.37881157233
4672	9/12/2019 9:11:15		-122.361	37.717	2088964.506	6023405.397		2115.330	RS-700	-0.20546886793
4673	9/12/2019 9:11:16		-122.361	37.717	2088966.078	6023403.288		2105.760	RS-700	-0.26566226415
4674	9/12/2019 9:11:17		-122.361	37.717	2088967.761	6023401.094		2101.647	RS-700	-0.29152603774
4675	9/12/2019 9:11:18		-122.361	37.717	2088969.552	6023398.931		2144.341	RS-700	-0.02300955975
4676	9/12/2019 9:11:19		-122.361	37.717	2088971.272	6023396.679		2145.867	RS-700	-0.01341603774
4677	9/12/2019 9:11:20		-122.361	37.717	2088972.881	6023394.484		2166.891	RS-700	0.11881320755
4678	9/12/2019 9:11:21		-122.361	37.717	2088974.493	6023392.201		2119.448	RS-700	-0.17957333333
4679	9/12/2019 9:11:22		-122.361	37.717	2088976.140	6023389.949		2123.758	RS-700	-0.15246798742
4680	9/12/2019 9:11:23		-122.361	37.717	2088977.969	6023387.699		2067.052	RS-700	-0.50910867925
4681	9/12/2019 9:11:24		-122.361	37.717	2088979.651	6023385.563		2183.785	RS-700	0.22506119497
4682	9/12/2019 9:11:25		-122.361	37.717	2088981.370	6023383.370		2196.892	RS-700	0.30749905660
4683	9/12/2019 9:11:26		-122.361	37.717	2088983.125	6023381.177		2123.876	RS-700	-0.15172534591
4684	9/12/2019 9:11:27		-122.361	37.717	2088984.733	6023379.039		2196.906	RS-700	0.30758264151
4685	9/12/2019 9:11:28		-122.361	37.717	2088986.270	6023376.871		2186.882	RS-700	0.24454320755
4686	9/12/2019 9:11:29		-122.361	37.717	2088987.878	6023374.733		2135.768	RS-700	-0.07693119497
4687	9/12/2019 9:11:30		-122.361	37.717	2088989.487	6023372.595		2142.983	RS-700	-0.03155138365
4688	9/12/2019 9:11:31		-122.361	37.717	2088991.206	6023370.402		2213.812	RS-700	0.41391238994
4689	9/12/2019 9:11:32		-122.361	37.717	2088992.962	6023368.151		2090.971	RS-700	-0.35867421384
4690	9/12/2019 9:11:33		-122.361	37.717	2088994.646	6023365.899		2070.758	RS-700	-0.48580132076
4691	9/12/2019 9:11:34		-122.361	37.717	2088996.440	6023363.563		2074.974	RS-700	-0.45928534591
4692	9/12/2019 9:11:35		-122.361	37.717	2088998.199	6023361.226		2172.562	RS-700	0.15447685535
4693	9/12/2019 9:11:36		-122.361	37.717	2088999.993	6023358.889		2091.753	RS-700	-0.35375597484
4694	9/12/2019 9:11:37		-122.361	37.717	2089001.606	6023356.549		2198.459	RS-700	0.31735150943
4695	9/12/2019 9:11:38		-122.361	37.717	2089003.254	6023354.238		2225.688	RS-700	0.48860264151
4696	9/12/2019 9:11:39		-122.361	37.717	2089005.048	6023351.930		2253.141	RS-700	0.66126622642

Gamma Scan Survey Results
Survey Unit 4 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
4697	9/12/2019 9:11:40		-122.361	37.717	2089006.733	6023349.621		2250.693	RS-700	0.64586704403
4698	9/12/2019 9:11:41		-122.361	37.717	2089008.340	6023347.541		2228.272	RS-700	0.50485534591
4699	9/12/2019 9:11:42		-122.361	37.717	2089009.948	6023345.432		2140.990	RS-700	-0.04408710692
4700	9/12/2019 9:11:43		-122.361	37.717	2089011.595	6023343.208		2046.941	RS-700	-0.63559018868
4701	9/12/2019 9:11:44		-122.361	37.717	2089013.350	6023341.044		1768.853	RS-700	-2.38456962264
4702	9/12/2019 9:11:45		-122.361	37.717	2089014.885	6023338.905		2074.218	RS-700	-0.46403742138
4703	9/12/2019 9:11:46		-122.361	37.717	2089016.494	6023336.738		2029.424	RS-700	-0.74576220126
4704	9/12/2019 9:11:47		-122.361	37.717	2089018.176	6023334.573		2124.444	RS-700	-0.14814918239
4705	9/12/2019 9:11:48		-122.361	37.717	2089019.822	6023332.407		1989.614	RS-700	-0.99613591195
4706	9/12/2019 9:11:49		-122.361	37.717	2089021.504	6023330.242		2154.770	RS-700	0.04257937107
4707	9/12/2019 9:11:50		-122.361	37.717	2089023.184	6023328.163		2037.038	RS-700	-0.69787157233
4708	9/12/2019 9:11:51		-122.361	37.717	2089024.828	6023326.084		2143.419	RS-700	-0.02881081761
4709	9/12/2019 9:11:52		-122.361	37.717	2089026.436	6023323.975		2125.229	RS-700	-0.14321119497
4710	9/12/2019 9:11:53		-122.361	37.717	2089028.043	6023321.895		2077.428	RS-700	-0.44384698113
4711	9/12/2019 9:11:54		-122.361	37.717	2089029.613	6023319.873		2163.562	RS-700	0.09787440252
4712	9/12/2019 9:11:55		-122.361	37.717	2089031.185	6023317.763		1975.513	RS-700	-1.08482672956
4713	9/12/2019 9:11:56		-122.361	37.717	2089032.830	6023315.626		2112.545	RS-700	-0.22298937107
4714	9/12/2019 9:11:57		-122.361	37.717	2089034.438	6023313.488		2144.089	RS-700	-0.02459955975
4715	9/12/2019 9:11:58		-122.361	37.717	2089036.047	6023311.321		2054.251	RS-700	-0.58961446541
4716	9/12/2019 9:11:59		-122.361	37.717	2089037.693	6023309.127		2077.163	RS-700	-0.44551402516
4717	9/12/2019 9:12:00		-122.361	37.717	2089039.266	6023306.959		2051.833	RS-700	-0.60482603774
4718	9/12/2019 9:12:01		-122.361	37.717	2089040.802	6023304.820		2062.837	RS-700	-0.53561396226
4719	9/12/2019 9:12:02		-122.361	37.717	2089042.263	6023302.766		2098.751	RS-700	-0.30974169811
4720	9/12/2019 9:12:03		-122.361	37.717	2089043.648	6023300.855		2047.038	RS-700	-0.63498044025
4721	9/12/2019 9:12:04		-122.361	37.717	2089045.065	6023299.234		2102.229	RS-700	-0.28786641509
4722	9/12/2019 9:12:05		-122.361	37.717	2089046.732	6023297.792		2065.728	RS-700	-0.51743327044
4723	9/12/2019 9:12:06		-122.361	37.717	2089047.883	6023296.716		2110.863	RS-700	-0.23356421384
4724	9/12/2019 9:12:07		-122.361	37.717	2089049.175	6023295.816		2140.196	RS-700	-0.04908075472
4725	9/12/2019 9:12:08		-122.361	37.717	2089050.650	6023294.890		2109.964	RS-700	-0.23922182390
4726	9/12/2019 9:12:09		-122.361	37.717	2089051.482	6023293.373		2052.847	RS-700	-0.59844566038
4727	9/12/2019 9:12:10		-122.361	37.717	2089052.134	6023291.708		2142.304	RS-700	-0.03582427673
4728	9/12/2019 9:12:11		-122.361	37.717	2089053.260	6023290.024		2158.509	RS-700	0.06609559748
4729	9/12/2019 9:12:12		-122.361	37.717	2089054.348	6023288.426		2032.228	RS-700	-0.72812779874
4730	9/12/2019 9:12:13		-122.361	37.717	2089055.546	6023286.771		2179.674	RS-700	0.19920742138
4731	9/12/2019 9:12:14		-122.361	37.717	2089057.157	6023284.518		2077.749	RS-700	-0.44183125786
4732	9/12/2019 9:12:15		-122.361	37.717	2089058.696	6023282.205		1787.472	RS-700	-2.26747069182
4733	9/12/2019 9:12:16		-122.361	37.717	2089060.161	6023279.978		1905.737	RS-700	-1.52366572327
4734	9/12/2019 9:12:17		-122.361	37.717	2089061.806	6023277.812		2132.855	RS-700	-0.09524874214
4735	9/12/2019 9:12:18		-122.361	37.717	2089063.525	6023275.618		1980.421	RS-700	-1.05395729560
4736	9/12/2019 9:12:19		-122.361	37.717	2089065.279	6023273.512		1284.591	RS-700	-5.43024792453
4737	9/12/2019 9:12:20		-122.362	37.717	2089066.847	6023271.576		1116.070	RS-700	-6.49012377358
4738	9/12/2019 9:12:21		-122.362	37.717	2089068.487	6023269.700		1654.589	RS-700	-3.10321679245
4739	9/12/2019 9:12:22		-122.362	37.717	2089069.986	6023267.560		1986.826	RS-700	-1.01367289308
4740	9/12/2019 9:12:23		-122.362	37.717	2089071.518	6023265.594		2072.747	RS-700	-0.47328905660
4741	9/12/2019 9:12:24		-122.362	37.717	2089073.233	6023263.603		2070.162	RS-700	-0.48954955975
4742	9/12/2019 9:12:25		-122.362	37.717	2089075.020	6023261.642		2124.340	RS-700	-0.14880610063
4743	9/12/2019 9:12:26		-122.362	37.718	2089076.735	6023259.680		2109.543	RS-700	-0.24186578616
4744	9/12/2019 9:12:27		-122.362	37.718	2089078.303	6023257.715		2167.564	RS-700	0.12304201258
4745	9/12/2019 9:12:28		-122.362	37.718	2089079.729	6023255.632		2171.399	RS-700	0.14716396226
4746	9/12/2019 9:12:29		-122.362	37.718	2089081.117	6023253.605		2157.990	RS-700	0.06283270440
4747	9/12/2019 9:12:30		-122.362	37.718	2089082.541	6023251.551		2211.903	RS-700	0.40190622642
4748	9/12/2019 9:12:31		-122.362	37.718	2089084.078	6023249.383		2154.989	RS-700	0.04395509434
4749	9/12/2019 9:12:32		-122.362	37.718	2089085.503	6023247.299		2156.774	RS-700	0.05518415094
4750	9/12/2019 9:12:33		-122.362	37.718	2089087.183	6023245.221		2230.690	RS-700	0.52006389937
4751	9/12/2019 9:12:34		-122.362	37.718	2089088.937	6023243.115		2334.302	RS-700	1.17171194969
4752	9/12/2019 9:12:35		-122.362	37.718	2089090.690	6023241.038		2419.987	RS-700	1.71060817610
4753	9/12/2019 9:12:36		-122.362	37.718	2089092.299	6023238.871		2570.664	RS-700	1.09872002933
4754	9/12/2019 9:12:37		-122.362	37.718	2089093.531	6023237.333		2610.939	RS-700	1.21682888563
4755	9/12/2019 9:12:38		-122.362	37.718	2089094.653	6023235.880		2327.597	RS-700	0.38591542522
4756	9/12/2019 9:12:39		-122.362	37.718	2089095.813	6023234.341		1726.463	RS-700	-1.37694140762
4757	9/12/2019 9:12:40		-122.362	37.718	2089097.195	6023232.575		1780.378	RS-700	-1.21883214076

Gamma Scan Survey Results
Survey Unit 4 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
4758	9/12/2019 9:12:41		-122.362	37.718	2089098.617	6023230.694		2497.280	RS-700	0.88351821114
4759	9/12/2019 9:12:42		-122.362	37.718	2089100.151	6023228.612		2496.021	RS-700	0.87982586510
4760	9/12/2019 9:12:43		-122.362	37.718	2089102.132	6023226.048		1978.989	RS-700	-0.63639609971
4761	9/12/2019 9:12:44		-122.362	37.718	2089103.491	6023223.645		1899.964	RS-700	-0.86814131965
4762	9/12/2019 9:12:45		-122.362	37.718	2089104.703	6023221.326		2253.584	RS-700	0.66405157233
4763	9/12/2019 9:12:46		-122.362	37.718	2089106.346	6023219.275		2167.127	RS-700	0.12029452830
4764	9/12/2019 9:12:47		-122.362	37.718	2089107.882	6023217.136		2108.284	RS-700	-0.24978440252
4765	9/12/2019 9:12:48		-122.362	37.718	2089109.528	6023214.912		2160.668	RS-700	0.07967238994
4766	9/12/2019 9:12:49		-122.362	37.718	2089111.250	6023212.603		2143.554	RS-700	-0.02796238994
4767	9/12/2019 9:12:50		-122.362	37.718	2089112.895	6023210.437		2236.803	RS-700	0.55851169811
4768	9/12/2019 9:12:51		-122.362	37.718	2089114.576	6023208.330		2134.769	RS-700	-0.08321503145
4769	9/12/2019 9:12:52		-122.362	37.718	2089116.220	6023206.251		2145.313	RS-700	-0.01689628931
4770	9/12/2019 9:12:53		-122.362	37.718	2089117.936	6023204.173		2090.753	RS-700	-0.36004283019
4771	9/12/2019 9:12:54		-122.362	37.718	2089119.618	6023202.037		2093.074	RS-700	-0.34544685535
4772	9/12/2019 9:12:55		-122.362	37.718	2089121.335	6023199.930		2173.773	RS-700	0.16209433962
4773	9/12/2019 9:12:56		-122.362	37.718	2089123.090	6023197.737		2116.867	RS-700	-0.19580301887
4774	9/12/2019 9:12:57		-122.362	37.718	2089124.773	6023195.514		2140.795	RS-700	-0.04531729560
4775	9/12/2019 9:12:58		-122.362	37.718	2089126.455	6023193.349		2233.690	RS-700	0.53893050315
4776	9/12/2019 9:12:59		-122.362	37.718	2089128.104	6023191.009		2356.606	RS-700	1.31198597484
4777	9/12/2019 9:13:00		-122.362	37.718	2089129.862	6023188.701		2184.887	RS-700	0.23199106918
4778	9/12/2019 9:13:01		-122.362	37.718	2089131.509	6023186.477		2336.184	RS-700	1.18354735849
4779	9/12/2019 9:13:02		-122.362	37.718	2089133.155	6023184.253		2292.617	RS-700	0.90954106918
4780	9/12/2019 9:13:03		-122.362	37.718	2089134.875	6023182.031		2214.905	RS-700	0.42078496855
4781	9/12/2019 9:13:04		-122.362	37.718	2089136.558	6023179.779		2280.919	RS-700	0.83596955975
4782	9/12/2019 9:13:05		-122.362	37.718	2089138.278	6023177.557		2231.028	RS-700	0.52218572327
4783	9/12/2019 9:13:06		-122.362	37.718	2089139.923	6023175.391		2264.943	RS-700	0.73549251572
4784	9/12/2019 9:13:07		-122.362	37.718	2089141.569	6023173.196		2264.375	RS-700	0.73191603774
4785	9/12/2019 9:13:08		-122.362	37.718	2089143.214	6023171.059		2224.688	RS-700	0.48231182390
4786	9/12/2019 9:13:09		-122.362	37.718	2089144.784	6023169.065		2219.687	RS-700	0.45086150943
4787	9/12/2019 9:13:10		-122.362	37.718	2089146.577	6023166.815		2294.406	RS-700	0.92079289308
4788	9/12/2019 9:13:11		-122.362	37.718	2089148.332	6023164.623		2327.064	RS-700	1.12619125786
4789	9/12/2019 9:13:12		-122.362	37.718	2089150.013	6023162.486		2308.520	RS-700	1.00955817610
4790	9/12/2019 9:13:13		-122.362	37.718	2089151.622	6023160.348		2256.510	RS-700	0.68245333333
4791	9/12/2019 9:13:14		-122.362	37.718	2089153.229	6023158.269		2241.242	RS-700	0.58642830189
4792	9/12/2019 9:13:15		-122.362	37.718	2089154.579	6023156.328		2358.793	RS-700	1.32574094340
4793	9/12/2019 9:13:16		-122.362	37.718	2089155.915	6023155.082		2228.364	RS-700	0.50543515723
4794	9/12/2019 9:13:17		-122.362	37.718	2089156.913	6023154.350		2207.573	RS-700	0.37467037736
4795	9/12/2019 9:13:18		-122.362	37.718	2089157.941	6023153.936		2241.917	RS-700	0.59067220126
4796	9/12/2019 9:13:19		-122.362	37.718	2089159.378	6023153.068		2255.367	RS-700	0.67526603774
4797	9/12/2019 9:13:20		-122.362	37.718	2089160.608	6023151.675		2184.335	RS-700	0.22852213837
4798	9/12/2019 9:13:21		-122.362	37.718	2089161.468	6023150.564		2182.999	RS-700	0.22011943396
4799	9/12/2019 9:13:22		-122.362	37.718	2089162.043	6023149.100		2310.291	RS-700	1.02069748428
4800	9/12/2019 9:13:23		-122.362	37.718	2089162.548	6023147.518		2278.818	RS-700	0.82275566038
4801	9/12/2019 9:13:24		-122.362	37.718	2089162.975	6023146.167		2239.024	RS-700	0.57247918239
4802	9/12/2019 9:13:25		-122.362	37.718	2089163.208	6023145.477		2197.681	RS-700	0.31245616352
4803	9/12/2019 9:13:26		-122.362	37.718	2089163.320	6023145.306		2307.172	RS-700	1.00108144654
4804	9/12/2019 9:13:27		-122.362	37.718	2089163.360	6023145.133		2316.820	RS-700	1.06175886792
4805	9/12/2019 9:13:28		-122.362	37.718	2089163.245	6023145.449		2271.811	RS-700	0.77868389937
4806	9/12/2019 9:13:29		-122.362	37.718	2089163.208	6023145.477		2260.699	RS-700	0.70879836478
4807	9/12/2019 9:13:30		-122.362	37.718	2089163.396	6023145.163		2255.809	RS-700	0.67804515723
4808	9/12/2019 9:13:31		-122.362	37.718	2089163.547	6023144.906		2261.911	RS-700	0.71642295598
4809	9/12/2019 9:13:32		-122.362	37.718	2089163.547	6023144.906		2277.140	RS-700	0.81220270440
4810	9/12/2019 9:13:33		-122.362	37.718	2089163.546	6023144.935		2232.920	RS-700	0.53408647799
4811	9/12/2019 9:13:34		-122.362	37.718	2089163.584	6023144.877		2336.840	RS-700	1.18767201258
4812	9/12/2019 9:13:35		-122.362	37.718	2089163.547	6023144.877		2281.505	RS-700	0.83965534591
4813	9/12/2019 9:13:36		-122.362	37.718	2089163.548	6023144.848		2188.562	RS-700	0.25510421384
4814	9/12/2019 9:13:37		-122.362	37.718	2089163.584	6023144.849		2321.840	RS-700	1.09333169811
4815	9/12/2019 9:13:38		-122.362	37.718	2089163.584	6023144.849		2318.602	RS-700	1.07297113208
4816	9/12/2019 9:13:39		-122.362	37.718	2089163.584	6023144.849		2219.571	RS-700	0.45013421384
4817	9/12/2019 9:13:40		-122.362	37.718	2089163.584	6023144.877		2371.327	RS-700	1.40456987421
4818	9/12/2019 9:13:41		-122.362	37.718	2089163.584	6023144.877		2306.298	RS-700	0.99558666667

Gamma Scan Survey Results
Survey Unit 4 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
4819	9/12/2019 9:13:42		-122.362	37.718	2089163.584	6023144.877		2253.041	RS-700	0.66063742138
4820	9/12/2019 9:13:43		-122.362	37.718	2089163.621	6023144.820		2215.136	RS-700	0.42223930818
4821	9/12/2019 9:13:44		-122.362	37.718	2089163.919	6023144.479		2229.471	RS-700	0.51239704403
4822	9/12/2019 9:13:45		-122.362	37.718	2089164.069	6023144.308		2255.699	RS-700	0.67735440252
4823	9/12/2019 9:13:46		-122.362	37.718	2089164.033	6023144.279		2318.663	RS-700	1.07335069182
4824	9/12/2019 9:13:47		-122.362	37.718	2089164.070	6023144.251		2281.937	RS-700	0.84237320755
4825	9/12/2019 9:13:48		-122.362	37.718	2089164.069	6023144.280		2293.938	RS-700	0.91785113208
4826	9/12/2019 9:13:49		-122.362	37.718	2089164.070	6023144.251		2370.721	RS-700	1.40076345912
4827	9/12/2019 9:13:50		-122.362	37.718	2089164.070	6023144.251		2312.947	RS-700	1.03740534591
4828	9/12/2019 9:13:51		-122.362	37.718	2089164.069	6023144.280		2246.578	RS-700	0.61998691824
4829	9/12/2019 9:13:52		-122.362	37.718	2089164.106	6023144.251		2225.464	RS-700	0.48719591195
4830	9/12/2019 9:13:53		-122.362	37.718	2089164.106	6023144.251		2358.615	RS-700	1.32462006289
4831	9/12/2019 9:13:54		-122.362	37.718	2089164.106	6023144.251		2393.216	RS-700	1.54223716981
4832	9/12/2019 9:13:55		-122.362	37.718	2089164.106	6023144.280		2306.713	RS-700	0.99819289308
4833	9/12/2019 9:13:56		-122.362	37.718	2089164.142	6023144.252		2308.650	RS-700	1.01037924528
4834	9/12/2019 9:13:57		-122.362	37.718	2089164.142	6023144.252		2254.033	RS-700	0.66687377359
4835	9/12/2019 9:13:58		-122.362	37.718	2089164.106	6023144.251		2215.350	RS-700	0.42358245283
4836	9/12/2019 9:13:59		-122.362	37.718	2089164.106	6023144.251		2314.599	RS-700	1.04778987421
4837	9/12/2019 9:14:00		-122.362	37.718	2089164.142	6023144.252		2176.315	RS-700	0.17808415094
4838	9/12/2019 9:14:01		-122.362	37.718	2089164.106	6023144.251		2251.579	RS-700	0.65144119497
4839	9/12/2019 9:14:02		-122.362	37.718	2089164.106	6023144.251		2349.429	RS-700	1.26684798742
4840	9/12/2019 9:14:03		-122.362	37.718	2089164.106	6023144.251		2341.060	RS-700	1.21421647799
4841	9/12/2019 9:14:04		-122.362	37.718	2089164.107	6023144.222		2229.025	RS-700	0.50959075472
4842	9/12/2019 9:14:05		-122.362	37.718	2089164.144	6023144.194		2314.066	RS-700	1.04444226415
4843	9/12/2019 9:14:06		-122.362	37.718	2089164.218	6023144.109		2312.722	RS-700	1.03598805031
4844	9/12/2019 9:14:07		-122.362	37.718	2089164.218	6023144.109		2295.826	RS-700	0.92972056604
4845	9/12/2019 9:14:08		-122.362	37.718	2089164.255	6023144.110		2257.261	RS-700	0.68717849057
4846	9/12/2019 9:14:09		-122.362	37.718	2089164.218	6023144.109		2245.694	RS-700	0.61442685535
4847	9/12/2019 9:14:10		-122.362	37.718	2089164.255	6023144.110		2234.575	RS-700	0.54449974843
4848	9/12/2019 9:14:11		-122.362	37.718	2089164.218	6023144.138		2275.591	RS-700	0.80245647799
4849	9/12/2019 9:14:12		-122.362	37.718	2089164.218	6023144.138		2332.486	RS-700	1.16028981132
4850	9/12/2019 9:14:13		-122.362	37.718	2089164.405	6023143.881		2222.693	RS-700	0.46976773585
4851	9/12/2019 9:14:14		-122.362	37.718	2089164.368	6023143.880		2271.241	RS-700	0.77510276730
4852	9/12/2019 9:14:15		-122.362	37.718	2089164.368	6023143.880		2263.465	RS-700	0.72619264151
4853	9/12/2019 9:14:16		-122.362	37.718	2089164.368	6023143.880		2269.042	RS-700	0.76127050315
4854	9/12/2019 9:14:17		-122.362	37.718	2089164.368	6023143.880		2245.462	RS-700	0.61296817610
4855	9/12/2019 9:14:18		-122.362	37.718	2089164.369	6023143.852		2223.130	RS-700	0.47251628931
4856	9/12/2019 9:14:19		-122.362	37.718	2089164.368	6023143.880		2322.952	RS-700	1.10032830189
4857	9/12/2019 9:14:20		-122.362	37.718	2089164.405	6023143.881		2270.716	RS-700	0.77179572327
4858	9/12/2019 9:14:21		-122.362	37.718	2089164.404	6023143.910		2332.957	RS-700	1.16325408805
4859	9/12/2019 9:14:22		-122.362	37.718	2089164.404	6023143.910		2201.024	RS-700	0.33348276730
4860	9/12/2019 9:14:23		-122.362	37.718	2089164.404	6023143.910		2211.905	RS-700	0.40192062893
4861	9/12/2019 9:14:24		-122.362	37.718	2089164.441	6023143.911		2237.031	RS-700	0.55994056604
4862	9/12/2019 9:14:25		-122.362	37.718	2089164.404	6023143.939		2245.707	RS-700	0.61451050315
4863	9/12/2019 9:14:26		-122.362	37.718	2089164.404	6023143.910		2250.703	RS-700	0.64593000000
4864	9/12/2019 9:14:27		-122.362	37.718	2089164.404	6023143.939		2271.930	RS-700	0.77943477987
4865	9/12/2019 9:14:28		-122.362	37.718	2089164.440	6023143.940		2342.194	RS-700	1.22134798742
4866	9/12/2019 9:14:29		-122.362	37.718	2089164.404	6023143.939		2400.099	RS-700	1.58552729560
4867	9/12/2019 9:14:30		-122.362	37.718	2089164.368	6023143.909		2347.606	RS-700	1.25538176101
4868	9/12/2019 9:14:31		-122.362	37.718	2089164.368	6023143.909		2268.472	RS-700	0.75768830189
4869	9/12/2019 9:14:32		-122.362	37.718	2089164.368	6023143.909		2272.042	RS-700	0.78014062893
4870	9/12/2019 9:14:33		-122.362	37.718	2089164.331	6023143.909		2257.363	RS-700	0.68781855346
4871	9/12/2019 9:14:34		-122.362	37.718	2089164.368	6023143.909		2273.916	RS-700	0.79192616352
4872	9/12/2019 9:14:35		-122.362	37.718	2089164.331	6023143.909		2243.142	RS-700	0.59837616352
4873	9/12/2019 9:14:36		-122.362	37.718	2089164.332	6023143.880		2275.047	RS-700	0.79903515723
4874	9/12/2019 9:14:37		-122.362	37.718	2089164.332	6023143.880		2350.848	RS-700	1.27577270440
4875	9/12/2019 9:14:38		-122.362	37.718	2089164.332	6023143.880		2278.162	RS-700	0.81862962264
4876	9/12/2019 9:14:39		-122.362	37.718	2089164.332	6023143.880		2207.124	RS-700	0.37185106918
4877	9/12/2019 9:14:40		-122.362	37.718	2089164.331	6023143.909		2288.704	RS-700	0.88492861635
4878	9/12/2019 9:14:41		-122.362	37.718	2089164.331	6023143.938		2252.588	RS-700	0.65778320755
4879	9/12/2019 9:14:42		-122.362	37.718	2089164.294	6023143.937		2259.147	RS-700	0.69903867925

Gamma Scan Survey Results
Survey Unit 4 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
4880	9/12/2019 9:14:43		-122.362	37.718	2089164.331	6023143.938		2188.350	RS-700	0.25377471698
4881	9/12/2019 9:14:44		-122.362	37.718	2089164.330	6023143.967		2218.017	RS-700	0.44035742138
4882	9/12/2019 9:14:45		-122.362	37.718	2089164.330	6023143.967		2237.915	RS-700	0.56550094340
4883	9/12/2019 9:14:46		-122.362	37.718	2089164.330	6023143.995		2210.117	RS-700	0.39067440252
4884	9/12/2019 9:14:47		-122.362	37.718	2089164.330	6023143.995		2383.705	RS-700	1.48242025157
4885	9/12/2019 9:14:48		-122.362	37.718	2089164.294	6023143.966		2186.768	RS-700	0.24382220126
4886	9/12/2019 9:14:49		-122.362	37.718	2089164.330	6023143.967		2232.140	RS-700	0.52918352201
4887	9/12/2019 9:14:50		-122.362	37.718	2089164.330	6023143.967		2298.282	RS-700	0.94517006289
4888	9/12/2019 9:14:51		-122.362	37.718	2089164.330	6023143.967		2334.364	RS-700	1.17210371069
4889	9/12/2019 9:14:52		-122.362	37.718	2089164.330	6023143.967		2277.042	RS-700	0.81158339623
4890	9/12/2019 9:14:53		-122.362	37.718	2089164.330	6023143.967		2237.694	RS-700	0.56411301887
4891	9/12/2019 9:14:54		-122.362	37.718	2089164.331	6023143.938		2257.698	RS-700	0.68992503145
4892	9/12/2019 9:14:55		-122.362	37.718	2089164.331	6023143.938		2222.909	RS-700	0.47112628931
4893	9/12/2019 9:14:56		-122.362	37.718	2089164.331	6023143.938		2285.819	RS-700	0.86678572327
4894	9/12/2019 9:14:57		-122.362	37.718	2089164.294	6023143.966		2266.934	RS-700	0.74801169811
4895	9/12/2019 9:14:58		-122.362	37.718	2089164.294	6023143.966		2272.704	RS-700	0.78430383648
4896	9/12/2019 9:14:59		-122.362	37.718	2089164.293	6023143.995		2273.700	RS-700	0.79056421384
4897	9/12/2019 9:15:00		-122.362	37.718	2089164.256	6023144.023		2398.583	RS-700	1.57599396226
4898	9/12/2019 9:15:01		-122.362	37.718	2089164.256	6023144.023		2321.181	RS-700	1.08918842767
4899	9/12/2019 9:15:02		-122.362	37.718	2089164.256	6023144.052		2201.013	RS-700	0.33341660377
4900	9/12/2019 9:15:03		-122.362	37.718	2089164.219	6023144.080		2298.932	RS-700	0.94925880503
4901	9/12/2019 9:15:04		-122.362	37.718	2089164.293	6023144.024		2191.575	RS-700	0.27405465409
4902	9/12/2019 9:15:05		-122.362	37.718	2089164.442	6023143.824		2325.835	RS-700	1.11845924528
4903	9/12/2019 9:15:06		-122.362	37.718	2089165.003	6023143.112		2283.704	RS-700	0.85348685535
4904	9/12/2019 9:15:07		-122.362	37.718	2089165.753	6023141.999		2312.177	RS-700	1.03256081761
4905	9/12/2019 9:15:08		-122.362	37.718	2089166.466	6023140.971		2209.794	RS-700	0.38863855346
4906	9/12/2019 9:15:09		-122.362	37.718	2089167.065	6023140.115		2250.831	RS-700	0.64673867925
4907	9/12/2019 9:15:10		-122.362	37.718	2089167.403	6023139.630		2255.157	RS-700	0.67394238994
4908	9/12/2019 9:15:11		-122.362	37.718	2089167.478	6023139.516		2119.550	RS-700	-0.17893100629
4909	9/12/2019 9:15:12		-122.362	37.718	2089167.590	6023139.403		2185.004	RS-700	0.23272849057
4910	9/12/2019 9:15:13		-122.362	37.718	2089167.589	6023139.431		2161.010	RS-700	0.08182389937
4911	9/12/2019 9:15:14		-122.362	37.718	2089167.590	6023139.403		2245.031	RS-700	0.61025830189
4912	9/12/2019 9:15:15		-122.362	37.718	2089167.590	6023139.403		2199.124	RS-700	0.32153591195
4913	9/12/2019 9:15:16		-122.362	37.718	2089167.590	6023139.374		2207.795	RS-700	0.37607025157
4914	9/12/2019 9:15:17		-122.362	37.718	2089167.590	6023139.403		2197.895	RS-700	0.31380773585
4915	9/12/2019 9:15:18		-122.362	37.718	2089167.590	6023139.374		2288.477	RS-700	0.88350157233
4916	9/12/2019 9:15:19		-122.362	37.718	2089167.590	6023139.374		2342.726	RS-700	1.22469301887
4917	9/12/2019 9:15:20		-122.362	37.718	2089167.590	6023139.374		2221.032	RS-700	0.45931761006
4918	9/12/2019 9:15:21		-122.362	37.718	2089167.554	6023139.373		2180.458	RS-700	0.20413962264
4919	9/12/2019 9:15:22		-122.362	37.718	2089167.554	6023139.373		2251.809	RS-700	0.65288981132
4920	9/12/2019 9:15:23		-122.362	37.718	2089167.517	6023139.372		2221.114	RS-700	0.45983635220
4921	9/12/2019 9:15:24		-122.362	37.718	2089167.554	6023139.344		2179.247	RS-700	0.19652157233
4922	9/12/2019 9:15:25		-122.362	37.718	2089167.555	6023139.315		2218.240	RS-700	0.44176132076
4923	9/12/2019 9:15:26		-122.362	37.718	2089168.043	6023138.573		2272.930	RS-700	0.78572471698
4924	9/12/2019 9:15:27		-122.362	37.718	2089169.128	6023137.119		2212.683	RS-700	0.40681314465
4925	9/12/2019 9:15:28		-122.362	37.718	2089170.328	6023135.378		2187.768	RS-700	0.25011591195
4926	9/12/2019 9:15:29		-122.362	37.718	2089171.751	6023133.439		2235.676	RS-700	0.55142358491
4927	9/12/2019 9:15:30		-122.362	37.718	2089173.061	6023131.642		2253.699	RS-700	0.66477289308
4928	9/12/2019 9:15:31		-122.362	37.718	2089174.294	6023130.105		2281.820	RS-700	0.84163616352
4929	9/12/2019 9:15:32		-122.362	37.718	2089175.339	6023128.795		2207.018	RS-700	0.37118522013
4930	9/12/2019 9:15:33		-122.362	37.718	2089176.124	6023127.798		1625.609	RS-700	-3.28547830189
4931	9/12/2019 9:15:34		-122.362	37.718	2089176.906	6023126.945		1686.658	RS-700	-2.90151981132
4932	9/12/2019 9:15:35		-122.362	37.718	2089177.578	6023126.091		2040.836	RS-700	-0.67399006289
4933	9/12/2019 9:15:36		-122.362	37.718	2089178.325	6023125.151		2303.289	RS-700	0.97665987421
4934	9/12/2019 9:15:37		-122.362	37.718	2089178.812	6023124.466		2268.151	RS-700	0.75566465409
4935	9/12/2019 9:15:38		-122.362	37.718	2089178.998	6023124.268		2235.364	RS-700	0.54945735849
4936	9/12/2019 9:15:39		-122.362	37.718	2089178.998	6023124.268		2278.935	RS-700	0.82349220126
4937	9/12/2019 9:15:40		-122.362	37.718	2089179.073	6023124.182		2168.007	RS-700	0.12583220126
4938	9/12/2019 9:15:41		-122.362	37.718	2089179.072	6023124.211		2214.349	RS-700	0.41728748428
4939	9/12/2019 9:15:42		-122.362	37.718	2089179.036	6023124.211		2270.270	RS-700	0.76899333333
4940	9/12/2019 9:15:43		-122.362	37.718	2089179.036	6023124.211		2341.665	RS-700	1.21802113208

Gamma Scan Survey Results
Survey Unit 4 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
4941	9/12/2019 9:15:44		-122.362	37.718	2089179.072	6023124.211		2397.866	RS-700	1.57148339623
4942	9/12/2019 9:15:45		-122.362	37.718	2089179.072	6023124.211		2325.748	RS-700	1.11791440252
4943	9/12/2019 9:15:46		-122.362	37.718	2089179.072	6023124.211		2316.289	RS-700	1.05841968553
4944	9/12/2019 9:15:47		-122.362	37.718	2089179.072	6023124.211		2272.703	RS-700	0.78429754717
4945	9/12/2019 9:15:48		-122.362	37.718	2089179.072	6023124.240		2168.656	RS-700	0.12991094340
4946	9/12/2019 9:15:49		-122.362	37.718	2089179.035	6023124.268		2298.747	RS-700	0.94809276730
4947	9/12/2019 9:15:50		-122.362	37.718	2089179.071	6023124.269		2239.246	RS-700	0.57387509434
4948	9/12/2019 9:15:51		-122.362	37.718	2089179.071	6023124.269		2218.572	RS-700	0.44384899371
4949	9/12/2019 9:15:52		-122.362	37.718	2089179.071	6023124.269		2263.842	RS-700	0.72856327044
4950	9/12/2019 9:15:53		-122.362	37.718	2089179.072	6023124.240		2268.473	RS-700	0.75768955975
4951	9/12/2019 9:15:54		-122.362	37.718	2089179.035	6023124.239		2281.595	RS-700	0.84021723270
4952	9/12/2019 9:15:55		-122.362	37.718	2089179.035	6023124.239		2253.240	RS-700	0.66188647799
4953	9/12/2019 9:15:56		-122.362	37.718	2089179.035	6023124.239		2245.817	RS-700	0.61519949686
4954	9/12/2019 9:15:57		-122.362	37.718	2089179.072	6023124.240		2259.699	RS-700	0.70251031447
4955	9/12/2019 9:15:58		-122.362	37.718	2089179.035	6023124.239		2228.024	RS-700	0.50329842767
4956	9/12/2019 9:15:59		-122.362	37.718	2089179.035	6023124.268		2301.719	RS-700	0.96678779874
4957	9/12/2019 9:16:00		-122.362	37.718	2089179.035	6023124.239		2353.490	RS-700	1.29239264151
4958	9/12/2019 9:16:01		-122.362	37.718	2089179.035	6023124.239		2264.603	RS-700	0.73335427673
4959	9/12/2019 9:16:02		-122.362	37.718	2089178.999	6023124.239		2209.572	RS-700	0.38724459120
4960	9/12/2019 9:16:03		-122.362	37.718	2089179.148	6023124.068		2298.941	RS-700	0.94931132076
4961	9/12/2019 9:16:04		-122.362	37.718	2089179.598	6023123.412		2378.856	RS-700	1.45192503145
4962	9/12/2019 9:16:05		-122.362	37.718	2089180.312	6023122.327		2240.270	RS-700	0.58031251572
4963	9/12/2019 9:16:06		-122.362	37.718	2089181.136	6023121.186		2268.585	RS-700	0.75839924528
4964	9/12/2019 9:16:07		-122.362	37.718	2089181.699	6023120.329		2370.853	RS-700	1.40159339623
4965	9/12/2019 9:16:08		-122.362	37.718	2089182.109	6023119.874		2249.709	RS-700	0.63968194969
4966	9/12/2019 9:16:09		-122.362	37.718	2089182.296	6023119.618		2283.943	RS-700	0.85498779874
4967	9/12/2019 9:16:10		-122.362	37.718	2089182.258	6023119.675		2276.390	RS-700	0.80748232704
4968	9/12/2019 9:16:11		-122.362	37.718	2089182.334	6023119.532		2304.426	RS-700	0.98380899371
4969	9/12/2019 9:16:12		-122.362	37.718	2089183.117	6023118.621		2361.982	RS-700	1.34579886792
4970	9/12/2019 9:16:13		-122.362	37.718	2089184.088	6023117.397		2272.267	RS-700	0.78155119497
4971	9/12/2019 9:16:14		-122.362	37.718	2089185.284	6023115.858		2340.192	RS-700	1.20875358491
4972	9/12/2019 9:16:15		-122.362	37.718	2089186.484	6023114.146		2256.582	RS-700	0.68290528302
4973	9/12/2019 9:16:16		-122.362	37.718	2089187.757	6023112.407		2270.377	RS-700	0.76966540881
4974	9/12/2019 9:16:17		-122.362	37.718	2089189.138	6023110.699		2016.713	RS-700	-0.82570716981
4975	9/12/2019 9:16:18		-122.362	37.718	2089190.413	6023108.873		1777.528	RS-700	-2.33001138365
4976	9/12/2019 9:16:19		-122.362	37.718	2089191.575	6023107.189		2180.786	RS-700	0.20620125786
4977	9/12/2019 9:16:20		-122.362	37.718	2089192.698	6023105.678		2391.100	RS-700	1.52892823899
4978	9/12/2019 9:16:21		-122.362	37.718	2089193.931	6023104.111		2254.147	RS-700	0.66759157233
4979	9/12/2019 9:16:22		-122.362	37.718	2089195.383	6023102.491		2280.478	RS-700	0.83319452830
4980	9/12/2019 9:16:23		-122.362	37.718	2089196.656	6023100.752		2352.670	RS-700	1.28723452830
4981	9/12/2019 9:16:24		-122.362	37.718	2089198.039	6023098.986		2405.228	RS-700	1.61778301887
4982	9/12/2019 9:16:25		-122.362	37.718	2089199.424	6023097.075		2370.615	RS-700	1.40009597484
4983	9/12/2019 9:16:26		-122.362	37.718	2089200.846	6023095.165		2503.400	RS-700	2.23521742138
4984	9/12/2019 9:16:27		-122.362	37.718	2089202.302	6023093.371		2425.203	RS-700	1.74341591195
4985	9/12/2019 9:16:28		-122.362	37.718	2089203.757	6023091.635		2450.002	RS-700	1.89938402516
4986	9/12/2019 9:16:29		-122.362	37.718	2089205.250	6023089.814		2316.067	RS-700	1.05702685535
4987	9/12/2019 9:16:30		-122.362	37.718	2089206.670	6023087.990		2416.470	RS-700	1.68848874214
4988	9/12/2019 9:16:31		-122.362	37.718	2089208.091	6023086.167		2366.324	RS-700	1.37310817610
4989	9/12/2019 9:16:32		-122.362	37.718	2089209.549	6023084.258		2389.855	RS-700	1.52109886792
4990	9/12/2019 9:16:33		-122.362	37.718	2089210.897	6023082.404		2391.741	RS-700	1.53296402516
4991	9/12/2019 9:16:34		-122.362	37.718	2089212.245	6023080.550		2302.824	RS-700	0.97373716981
4992	9/12/2019 9:16:35		-122.362	37.718	2089213.518	6023078.811		2411.075	RS-700	1.65455867925
4993	9/12/2019 9:16:36		-122.362	37.718	2089214.751	6023077.216		2378.327	RS-700	1.44859987421
4994	9/12/2019 9:16:37		-122.362	37.718	2089215.649	6023076.018		2431.484	RS-700	1.78291616352
4995	9/12/2019 9:16:38		-122.362	37.718	2089216.321	6023075.193		2395.980	RS-700	1.55962257862
4996	9/12/2019 9:16:39		-122.362	37.718	2089216.620	6023074.823		2417.116	RS-700	1.69255314465
4997	9/12/2019 9:16:40		-122.362	37.718	2089216.582	6023074.880		2333.606	RS-700	1.16733044025
4998	9/12/2019 9:16:41		-122.362	37.718	2089216.582	6023074.880		2339.718	RS-700	1.20577471698
4999	9/12/2019 9:16:42		-122.362	37.718	2089216.544	6023074.966		2383.677	RS-700	1.48224389937
5000	9/12/2019 9:16:43		-122.362	37.718	2089216.507	6023075.023		2414.353	RS-700	1.67517849057
5001	9/12/2019 9:16:44		-122.362	37.718	2089216.470	6023075.051		2430.994	RS-700	1.77983647799

Gamma Scan Survey Results
Survey Unit 4 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
5002	9/12/2019 9:16:45		-122.362	37.718	2089216.432	6023075.108		2301.818	RS-700	0.96740893082
5003	9/12/2019 9:16:46		-122.362	37.718	2089216.432	6023075.137		2343.849	RS-700	1.23175333333
5004	9/12/2019 9:16:47		-122.362	37.718	2089216.358	6023075.165		2498.020	RS-700	2.20138654088
5005	9/12/2019 9:16:48		-122.362	37.718	2089216.321	6023075.193		2448.243	RS-700	1.88832295597
5006	9/12/2019 9:16:49		-122.362	37.718	2089216.248	6023075.220		2466.342	RS-700	2.00215389937
5007	9/12/2019 9:16:50		-122.362	37.718	2089216.247	6023075.249		2402.136	RS-700	1.59833905660
5008	9/12/2019 9:16:51		-122.362	37.718	2089216.210	6023075.306		2410.263	RS-700	1.64945396226
5009	9/12/2019 9:16:52		-122.362	37.718	2089216.172	6023075.363		2365.966	RS-700	1.37085691824
5010	9/12/2019 9:16:53		-122.362	37.718	2089216.135	6023075.420		2420.240	RS-700	1.71220138365
5011	9/12/2019 9:16:54		-122.362	37.718	2089216.097	6023075.478		2412.866	RS-700	1.66582389937
5012	9/12/2019 9:16:55		-122.362	37.718	2089216.061	6023075.477		2430.633	RS-700	1.77756861635
5013	9/12/2019 9:16:56		-122.362	37.718	2089216.061	6023075.477		2356.200	RS-700	1.30943383648
5014	9/12/2019 9:16:57		-122.362	37.718	2089216.061	6023075.477		2418.098	RS-700	1.69873213836
5015	9/12/2019 9:16:58		-122.362	37.718	2089216.061	6023075.477		2343.080	RS-700	1.22691855346
5016	9/12/2019 9:16:59		-122.362	37.718	2089216.024	6023075.505		2427.238	RS-700	1.75621427673
5017	9/12/2019 9:17:00		-122.362	37.718	2089216.024	6023075.505		2399.345	RS-700	1.58078477987
5018	9/12/2019 9:17:01		-122.362	37.718	2089216.024	6023075.476		2369.113	RS-700	1.39064849057
5019	9/12/2019 9:17:02		-122.362	37.718	2089216.099	6023075.362		2445.878	RS-700	1.87344773585
5020	9/12/2019 9:17:03		-122.362	37.718	2089216.657	6023074.765		2345.193	RS-700	1.24020798742
5021	9/12/2019 9:17:04		-122.362	37.718	2089217.665	6023073.570		2453.749	RS-700	1.92294918239
5022	9/12/2019 9:17:05		-122.362	37.718	2089218.895	6023072.120		2361.964	RS-700	1.34568314465
5023	9/12/2019 9:17:06		-122.362	37.718	2089220.166	6023070.496		2404.103	RS-700	1.61070805031
5024	9/12/2019 9:17:07		-122.362	37.718	2089221.328	6023068.812		2289.954	RS-700	0.89278962264
5025	9/12/2019 9:17:08		-122.362	37.718	2089222.565	6023067.072		2225.468	RS-700	0.48722201258
5026	9/12/2019 9:17:09		-122.362	37.718	2089223.875	6023065.275		2269.582	RS-700	0.76466578616
5027	9/12/2019 9:17:10		-122.362	37.718	2089225.261	6023063.365		2224.022	RS-700	0.47812779874
5028	9/12/2019 9:17:11		-122.362	37.718	2089226.646	6023061.454		2291.933	RS-700	0.90523748428
5029	9/12/2019 9:17:12		-122.362	37.718	2089227.995	6023059.571		2210.757	RS-700	0.39469584906
5030	9/12/2019 9:17:13		-122.362	37.718	2089229.525	6023057.721		2187.222	RS-700	0.24668075472
5031	9/12/2019 9:17:14		-122.362	37.718	2089231.055	6023055.871		2227.913	RS-700	0.50259786164
5032	9/12/2019 9:17:15		-122.362	37.718	2089232.584	6023054.050		2181.783	RS-700	0.21247358491
5033	9/12/2019 9:17:16		-122.362	37.718	2089234.078	6023052.200		2131.733	RS-700	-0.10230716981
5034	9/12/2019 9:17:17		-122.362	37.718	2089235.499	6023050.347		2166.671	RS-700	0.11742522013
5035	9/12/2019 9:17:18		-122.362	37.718	2089236.883	6023048.494		2086.749	RS-700	-0.38522440252
5036	9/12/2019 9:17:19		-122.362	37.718	2089238.304	6023046.642		2227.471	RS-700	0.49981974843
5037	9/12/2019 9:17:20		-122.362	37.718	2089239.799	6023044.734		2188.786	RS-700	0.25651647799
5038	9/12/2019 9:17:21		-122.362	37.718	2089241.257	6023042.824		2132.084	RS-700	-0.10009924528
5039	9/12/2019 9:17:22		-122.362	37.718	2089242.750	6023040.974		2121.651	RS-700	-0.16571823899
5040	9/12/2019 9:17:23		-122.362	37.718	2089244.210	6023039.007		2230.582	RS-700	0.51938440252
5041	9/12/2019 9:17:24		-122.362	37.718	2089245.705	6023037.098		2194.890	RS-700	0.29490786164
5042	9/12/2019 9:17:25		-122.362	37.718	2089247.198	6023035.276		2183.676	RS-700	0.22437830189
5043	9/12/2019 9:17:26		-122.362	37.718	2089248.728	6023033.397		2261.492	RS-700	0.71378805031
5044	9/12/2019 9:17:27		-122.362	37.718	2089250.184	6023031.633		2221.896	RS-700	0.46475767296
5045	9/12/2019 9:17:28		-122.362	37.718	2089251.454	6023030.009		2138.346	RS-700	-0.06071779874
5046	9/12/2019 9:17:29		-122.362	37.718	2089252.725	6023028.385		2258.037	RS-700	0.69205603774
5047	9/12/2019 9:17:30		-122.362	37.718	2089253.960	6023026.732		2265.040	RS-700	0.73609761006
5048	9/12/2019 9:17:31		-122.362	37.718	2089255.194	6023025.107		2256.930	RS-700	0.68509440252
5049	9/12/2019 9:17:32		-122.362	37.718	2089256.165	6023023.883		2209.464	RS-700	0.38656459120
5050	9/12/2019 9:17:33		-122.362	37.718	2089256.801	6023023.056		2179.784	RS-700	0.19989635220
5051	9/12/2019 9:17:34		-122.362	37.718	2089257.062	6023022.743		2164.996	RS-700	0.10689566038
5052	9/12/2019 9:17:35		-122.362	37.718	2089257.136	6023022.687		2218.240	RS-700	0.44176257862
5053	9/12/2019 9:17:36		-122.362	37.718	2089257.099	6023022.715		2288.281	RS-700	0.88226886793
5054	9/12/2019 9:17:37		-122.362	37.718	2089257.099	6023022.715		2199.997	RS-700	0.32702528302
5055	9/12/2019 9:17:38		-122.362	37.718	2089257.098	6023022.744		2224.784	RS-700	0.48291817610
5056	9/12/2019 9:17:39		-122.362	37.718	2089257.098	6023022.773		2300.518	RS-700	0.95923169811
5057	9/12/2019 9:17:40		-122.362	37.718	2089257.098	6023022.773		2209.930	RS-700	0.38949547170
5058	9/12/2019 9:17:41		-122.362	37.718	2089257.098	6023022.773		2203.437	RS-700	0.34866050315
5059	9/12/2019 9:17:42		-122.362	37.718	2089258.022	6023022.097		2181.870	RS-700	0.21302062893
5060	9/12/2019 9:17:43		-122.362	37.718	2089258.021	6023022.126		2247.808	RS-700	0.62772270440
5061	9/12/2019 9:17:44		-122.362	37.718	2089257.098	6023022.773		2115.228	RS-700	-0.20611553459
5062	9/12/2019 9:17:45		-122.362	37.718	2089257.061	6023022.772		2208.351	RS-700	0.37956572327

Gamma Scan Survey Results
Survey Unit 4 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
5063	9/12/2019 9:17:46		-122.362	37.718	2089257.061	6023022.801		2205.326	RS-700	0.36054119497
5064	9/12/2019 9:17:47		-122.362	37.718	2089257.061	6023022.801		2158.422	RS-700	0.06554433962
5065	9/12/2019 9:17:48		-122.362	37.718	2089257.061	6023022.801		2153.201	RS-700	0.03271226415
5066	9/12/2019 9:17:49		-122.362	37.718	2089257.024	6023022.829		2241.584	RS-700	0.58858018868
5067	9/12/2019 9:17:50		-122.362	37.718	2089257.984	6023022.154		2131.203	RS-700	-0.10564257862
5068	9/12/2019 9:17:51		-122.362	37.718	2089258.094	6023022.098		2297.041	RS-700	0.93736314465
5069	9/12/2019 9:17:52		-122.362	37.718	2089258.432	6023021.613		2262.259	RS-700	0.71860849057
5070	9/12/2019 9:17:53		-122.362	37.718	2089259.327	6023020.561		2184.905	RS-700	0.23210446541
5071	9/12/2019 9:17:54		-122.362	37.718	2089260.412	6023019.078		2255.694	RS-700	0.67731893082
5072	9/12/2019 9:17:55		-122.362	37.718	2089261.537	6023017.451		2262.152	RS-700	0.71793974843
5073	9/12/2019 9:17:56		-122.362	37.718	2089262.332	6023015.934		2226.676	RS-700	0.49481905660
5074	9/12/2019 9:17:57		-122.362	37.718	2089263.009	6023014.877		2203.682	RS-700	0.35020100629
5075	9/12/2019 9:17:58		-122.362	37.718	2089263.532	6023014.222		2181.569	RS-700	0.21112761006
5076	9/12/2019 9:17:59		-122.362	37.718	2089264.162	6023013.656		2207.464	RS-700	0.37398792453
5077	9/12/2019 9:18:00		-122.362	37.718	2089264.679	6023013.319		2223.900	RS-700	0.47735899371
5078	9/12/2019 9:18:01		-122.362	37.718	2089263.939	6023013.912		2262.172	RS-700	0.71806358491
5079	9/12/2019 9:18:02		-122.362	37.718	2089264.012	6023013.884		2228.351	RS-700	0.50535081761
5080	9/12/2019 9:18:03		-122.362	37.718	2089264.341	6023013.804		2224.798	RS-700	0.48300905660
5081	9/12/2019 9:18:04		-122.362	37.718	2089265.037	6023013.615		2151.671	RS-700	0.02308779874
5082	9/12/2019 9:18:05		-122.362	37.718	2089266.026	6023013.317		2213.570	RS-700	0.41238735849
5083	9/12/2019 9:18:06		-122.362	37.718	2089268.058	6023011.882		2288.599	RS-700	0.88426937107
5084	9/12/2019 9:18:07		-122.362	37.718	2089268.989	6023010.830		2267.703	RS-700	0.75284654088
5085	9/12/2019 9:18:08		-122.362	37.718	2089269.924	6023009.634		2201.228	RS-700	0.33476723270
5086	9/12/2019 9:18:09		-122.362	37.718	2089270.643	6023008.259		2205.792	RS-700	0.36347163522
5087	9/12/2019 9:18:10		-122.362	37.718	2089270.886	6023007.049		2271.812	RS-700	0.77869396226
5088	9/12/2019 9:18:11		-122.362	37.718	2089270.788	6023006.440		2284.735	RS-700	0.85996836478
5089	9/12/2019 9:18:12		-122.362	37.718	2089270.800	6023005.861		2166.670	RS-700	0.11742150943
5090	9/12/2019 9:18:13		-122.362	37.718	2089270.763	6023005.889		2225.574	RS-700	0.48788716981
5091	9/12/2019 9:18:14		-122.362	37.718	2089270.721	6023006.149		2145.982	RS-700	-0.01269276730
5092	9/12/2019 9:18:15		-122.362	37.718	2089270.884	6023005.313		2265.390	RS-700	0.73830000000
5093	9/12/2019 9:18:16		-122.362	37.718	2089271.151	6023004.682		2230.912	RS-700	0.52146188679
5094	9/12/2019 9:18:17		-122.362	37.718	2089270.962	6023005.025		2208.900	RS-700	0.38301647799
5095	9/12/2019 9:18:18		-122.362	37.718	2089270.887	6023005.169		2194.335	RS-700	0.29141767296
5096	9/12/2019 9:18:19		-122.362	37.718	2089270.849	6023005.226		2220.910	RS-700	0.45855628931
5097	9/12/2019 9:18:20		-122.362	37.718	2089271.000	6023004.968		2217.568	RS-700	0.43753723270
5098	9/12/2019 9:18:21		-122.362	37.718	2089270.925	6023005.083		2286.281	RS-700	0.86969056604
5099	9/12/2019 9:18:22		-122.362	37.718	2089270.926	6023005.025		2309.867	RS-700	1.01803440252
5100	9/12/2019 9:18:23		-122.362	37.718	2089270.963	6023004.997		2283.828	RS-700	0.85426327044
5101	9/12/2019 9:18:24		-122.362	37.718	2089271.151	6023004.711		2270.257	RS-700	0.76891018868
5102	9/12/2019 9:18:25		-122.362	37.718	2089271.039	6023004.853		2210.571	RS-700	0.39352635220
5103	9/12/2019 9:18:26		-122.362	37.718	2089271.379	6023004.195		2276.933	RS-700	0.81089635220
5104	9/12/2019 9:18:27		-122.362	37.718	2089272.088	6023003.370		2300.711	RS-700	0.96044691824
5105	9/12/2019 9:18:28		-122.362	37.718	2089272.835	6023002.430		2256.035	RS-700	0.67946616352
5106	9/12/2019 9:18:29		-122.362	37.718	2089273.432	6023001.719		2331.307	RS-700	1.15287333333
5107	9/12/2019 9:18:30		-122.362	37.718	2089273.843	6023001.206		2293.942	RS-700	0.91787553459
5108	9/12/2019 9:18:31		-122.362	37.718	2089273.955	6023001.064		2263.597	RS-700	0.72702226415
5109	9/12/2019 9:18:32		-122.362	37.718	2089273.880	6023001.149		2285.943	RS-700	0.86756792453
5110	9/12/2019 9:18:33		-122.362	37.718	2089273.918	6023001.092		2320.953	RS-700	1.08775364780
5111	9/12/2019 9:18:34		-122.362	37.718	2089273.918	6023001.063		2356.078	RS-700	1.30866622642
5112	9/12/2019 9:18:35		-122.362	37.718	2089273.882	6023001.062		2285.825	RS-700	0.86682427673
5113	9/12/2019 9:18:36		-122.362	37.718	2089273.881	6023001.091		2336.189	RS-700	1.18357603774
5114	9/12/2019 9:18:37		-122.362	37.718	2089273.845	6023001.091		2362.440	RS-700	1.34868075472
5115	9/12/2019 9:18:38		-122.362	37.718	2089273.844	6023001.119		2205.124	RS-700	0.35927132076
5116	9/12/2019 9:18:39		-122.362	37.718	2089273.845	6023001.091		2307.175	RS-700	1.00110257862
5117	9/12/2019 9:18:40		-122.362	37.718	2089273.845	6023001.091		2306.599	RS-700	0.99747735849
5118	9/12/2019 9:18:41		-122.362	37.718	2089273.845	6023001.091		2355.845	RS-700	1.30719842767
5119	9/12/2019 9:18:42		-122.362	37.718	2089273.845	6023001.091		2336.948	RS-700	1.18835094340
5120	9/12/2019 9:18:43		-122.362	37.718	2089273.881	6023001.091		2296.065	RS-700	0.93122440252
5121	9/12/2019 9:18:44		-122.362	37.718	2089273.881	6023001.091		2303.823	RS-700	0.98001691824
5122	9/12/2019 9:18:45		-122.362	37.718	2089273.881	6023001.091		2227.484	RS-700	0.49989861635
5123	9/12/2019 9:18:46		-122.362	37.718	2089273.881	6023001.091		2351.837	RS-700	1.28199201258

Gamma Scan Survey Results
Survey Unit 4 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
5124	9/12/2019 9:18:47		-122.362	37.718	2089273.881	6023001.091		2298.026	RS-700	0.94356106918
5125	9/12/2019 9:18:48		-122.362	37.718	2089273.918	6023001.092		2273.951	RS-700	0.79214622642
5126	9/12/2019 9:18:49		-122.362	37.718	2089273.956	6023000.977		2237.917	RS-700	0.56551459120
5127	9/12/2019 9:18:50		-122.362	37.718	2089274.477	6023000.438		2265.812	RS-700	0.74095672956
5128	9/12/2019 9:18:51		-122.362	37.718	2089275.039	6022999.639		2317.534	RS-700	1.06625025157
5129	9/12/2019 9:18:52		-122.362	37.718	2089275.899	6022998.528		2277.498	RS-700	0.81445522013
5130	9/12/2019 9:18:53		-122.362	37.718	2089276.721	6022997.503		2251.035	RS-700	0.64801742138
5131	9/12/2019 9:18:54		-122.362	37.718	2089277.245	6022996.790		2324.187	RS-700	1.10809452830
5132	9/12/2019 9:18:55		-122.362	37.718	2089277.544	6022996.391		2269.812	RS-700	0.76611081761
5133	9/12/2019 9:18:56		-122.362	37.718	2089277.768	6022996.106		2313.176	RS-700	1.03884220126
5134	9/12/2019 9:18:57		-122.362	37.718	2089278.291	6022995.451		2201.567	RS-700	0.33690056604
5135	9/12/2019 9:18:58		-122.362	37.718	2089278.964	6022994.567		2033.879	RS-700	-0.71773924528
5136	9/12/2019 9:18:59		-122.362	37.718	2089279.787	6022993.484		1934.364	RS-700	-1.34362276730
5137	9/12/2019 9:19:00		-122.362	37.718	2089280.796	6022992.203		2229.476	RS-700	0.51243000000
5138	9/12/2019 9:19:01		-122.362	37.718	2089281.918	6022990.721		2279.707	RS-700	0.82834798742
5139	9/12/2019 9:19:02		-122.362	37.718	2089283.189	6022989.068		2319.413	RS-700	1.07806962264
5140	9/12/2019 9:19:03		-122.362	37.718	2089284.349	6022987.500		2329.765	RS-700	1.14317389937
5141	9/12/2019 9:19:04		-122.363	37.718	2089285.511	6022985.845		2279.746	RS-700	0.82858930818
5142	9/12/2019 9:19:05		-122.363	37.718	2089286.448	6022984.533		2371.968	RS-700	1.40860062893
5143	9/12/2019 9:19:06		-122.363	37.718	2089287.122	6022983.563		2282.041	RS-700	0.84302553459
5144	9/12/2019 9:19:07		-122.363	37.718	2089287.459	6022983.107		2289.599	RS-700	0.89055893082
5145	9/12/2019 9:19:08		-122.363	37.718	2089287.610	6022982.878		2342.079	RS-700	1.22062169811
5146	9/12/2019 9:19:09		-122.363	37.718	2089287.797	6022982.593		2265.039	RS-700	0.73609622642
5147	9/12/2019 9:19:10		-122.363	37.718	2089287.872	6022982.478		2268.586	RS-700	0.75840402516
5148	9/12/2019 9:19:11		-122.363	37.718	2089287.947	6022982.393		2266.472	RS-700	0.74510616352
5149	9/12/2019 9:19:12		-122.363	37.718	2089287.984	6022982.365		2336.312	RS-700	1.18435528302
5150	9/12/2019 9:19:13		-122.363	37.718	2089287.984	6022982.365		2279.934	RS-700	0.82977251572
5151	9/12/2019 9:19:14		-122.363	37.718	2089287.984	6022982.365		2311.372	RS-700	1.02749440252
5152	9/12/2019 9:19:15		-122.363	37.718	2089288.020	6022982.366		2328.425	RS-700	1.13475025157
5153	9/12/2019 9:19:16		-122.363	37.718	2089288.132	6022982.252		2449.002	RS-700	1.89309446541
5154	9/12/2019 9:19:17		-122.363	37.718	2089288.586	6022981.393		2265.149	RS-700	0.73678735849
5155	9/12/2019 9:19:18		-122.363	37.718	2089289.412	6022980.166		2395.572	RS-700	1.55705698113
5156	9/12/2019 9:19:19		-122.363	37.718	2089290.498	6022978.654		2391.739	RS-700	1.53294937107
5157	9/12/2019 9:19:20		-122.363	37.718	2089291.510	6022977.228		2240.918	RS-700	0.58439295598
5158	9/12/2019 9:19:21		-122.363	37.718	2089292.481	6022976.003		2304.059	RS-700	0.98150591195
5159	9/12/2019 9:19:22		-122.363	37.718	2089293.554	6022975.156		2288.164	RS-700	0.88153691824
5160	9/12/2019 9:19:23		-122.363	37.718	2089294.487	6022974.018		2336.608	RS-700	1.18621440252
5161	9/12/2019 9:19:24		-122.363	37.718	2089295.462	6022972.591		2305.064	RS-700	0.98782220126
5162	9/12/2019 9:19:25		-122.363	37.718	2089296.510	6022971.165		2285.628	RS-700	0.86558515723
5163	9/12/2019 9:19:26		-122.363	37.718	2089297.451	6022969.651		2256.354	RS-700	0.68147314465
5164	9/12/2019 9:19:27		-122.363	37.718	2089298.720	6022968.085		2243.919	RS-700	0.60326245283
5165	9/12/2019 9:19:28		-122.363	37.718	2089300.174	6022966.407		2406.943	RS-700	1.62857138365
5166	9/12/2019 9:19:29		-122.363	37.718	2089301.478	6022964.928		2218.112	RS-700	0.44095748428
5167	9/12/2019 9:19:30		-122.363	37.718	2089302.563	6022963.503		2336.543	RS-700	1.18580566038
5168	9/12/2019 9:19:31		-122.363	37.718	2089303.573	6022962.164		2327.605	RS-700	1.12958911950
5169	9/12/2019 9:19:32		-122.363	37.718	2089304.468	6022961.082		2266.280	RS-700	0.74390245283
5170	9/12/2019 9:19:33		-122.363	37.718	2089304.507	6022960.967		2186.348	RS-700	0.24117981132
5171	9/12/2019 9:19:34		-122.363	37.718	2089303.609	6022962.193		2311.952	RS-700	1.03114553459
5172	9/12/2019 9:19:35		-122.363	37.718	2089302.202	6022963.352		2294.824	RS-700	0.92342207547
5173	9/12/2019 9:19:36		-122.363	37.718	2089300.396	6022964.415		2316.887	RS-700	1.06217962264
5174	9/12/2019 9:19:37		-122.363	37.718	2089299.656	6022965.008		2312.165	RS-700	1.03248698113
5175	9/12/2019 9:19:38		-122.363	37.718	2089299.768	6022964.836		2270.692	RS-700	0.77164666667
5176	9/12/2019 9:19:39		-122.363	37.718	2089300.067	6022964.495		2209.686	RS-700	0.38796295598
5177	9/12/2019 9:19:40		-122.363	37.718	2089300.364	6022964.212		2298.168	RS-700	0.94445176101
5178	9/12/2019 9:19:41		-122.363	37.718	2089300.474	6022964.127		2243.470	RS-700	0.60043987421
5179	9/12/2019 9:19:42		-122.363	37.718	2089300.511	6022964.128		2290.167	RS-700	0.89413251572
5180	9/12/2019 9:19:43		-122.363	37.718	2089300.511	6022964.099		2344.081	RS-700	1.23321238994
5181	9/12/2019 9:19:44		-122.363	37.718	2089300.511	6022964.099		2174.312	RS-700	0.16548446541
5182	9/12/2019 9:19:45		-122.363	37.718	2089300.548	6022964.100		2283.721	RS-700	0.85359371069
5183	9/12/2019 9:19:46		-122.363	37.718	2089300.548	6022964.100		2244.468	RS-700	0.60671660377
5184	9/12/2019 9:19:47		-122.363	37.718	2089300.547	6022964.129		2310.077	RS-700	1.01934955975

Gamma Scan Survey Results
Survey Unit 4 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
5185	9/12/2019 9:19:48		-122.363	37.718	2089300.547	6022964.129		2346.445	RS-700	1.24808000000
5186	9/12/2019 9:19:49		-122.363	37.718	2089300.696	6022963.958		2222.686	RS-700	0.46972616352
5187	9/12/2019 9:19:50		-122.363	37.718	2089301.361	6022963.508		2282.705	RS-700	0.84720188679
5188	9/12/2019 9:19:51		-122.363	37.718	2089302.351	6022963.152		2272.498	RS-700	0.78300358491
5189	9/12/2019 9:19:52		-122.363	37.718	2089303.738	6022963.006		2353.966	RS-700	1.29538628931
5190	9/12/2019 9:19:53		-122.363	37.718	2089304.970	6022963.349		2323.938	RS-700	1.10652735849
5191	9/12/2019 9:19:54		-122.363	37.718	2089305.761	6022963.856		2280.366	RS-700	0.83249251572
5192	9/12/2019 9:19:55		-122.363	37.718	2089305.048	6022963.090		2187.224	RS-700	0.24669257862
5193	9/12/2019 9:19:56		-122.363	37.718	2089303.654	6022961.760		2237.024	RS-700	0.55989754717
5194	9/12/2019 9:19:57		-122.363	37.718	2089302.756	6022961.106		2225.579	RS-700	0.48791748428
5195	9/12/2019 9:19:58		-122.363	37.718	2089303.153	6022961.288		2292.171	RS-700	0.90673534591
5196	9/12/2019 9:19:59		-122.363	37.718	2089304.195	6022962.003		2225.694	RS-700	0.48863924528
5197	9/12/2019 9:20:00		-122.363	37.718	2089304.973	6022963.175		2290.822	RS-700	0.89825201258
5198	9/12/2019 9:20:01		-122.363	37.718	2089305.278	6022964.339		2285.159	RS-700	0.86263270440
5199	9/12/2019 9:20:02		-122.363	37.718	2089305.261	6022965.177		2400.872	RS-700	1.59039031447
5200	9/12/2019 9:20:03		-122.363	37.718	2089305.378	6022964.803		2234.699	RS-700	0.54527534591
5201	9/12/2019 9:20:04		-122.363	37.718	2089305.916	6022963.368		2283.273	RS-700	0.85077176101
5202	9/12/2019 9:20:05		-122.363	37.718	2089306.452	6022962.076		2262.155	RS-700	0.71795899371
5203	9/12/2019 9:20:06		-122.363	37.718	2089306.611	6022961.385		2344.724	RS-700	1.23725798742
5204	9/12/2019 9:20:07		-122.363	37.718	2089306.615	6022961.183		2406.227	RS-700	1.62406679245
5205	9/12/2019 9:20:08		-122.363	37.718	2089306.612	6022961.327		2383.497	RS-700	1.48111364780
5206	9/12/2019 9:20:09		-122.363	37.718	2089306.575	6022961.356		2228.354	RS-700	0.50537106918
5207	9/12/2019 9:20:10		-122.363	37.718	2089306.613	6022961.299		2346.958	RS-700	1.25130616352
5208	9/12/2019 9:20:11		-122.363	37.718	2089306.452	6022962.048		2279.818	RS-700	0.82904522013
5209	9/12/2019 9:20:12		-122.363	37.718	2089305.914	6022963.454		2185.232	RS-700	0.23416257862
5210	9/12/2019 9:20:13		-122.363	37.718	2089304.903	6022964.852		2229.124	RS-700	0.51021471698
5211	9/12/2019 9:20:14		-122.363	37.718	2089304.087	6022965.588		2424.004	RS-700	1.73587301887
5212	9/12/2019 9:20:15		-122.363	37.718	2089303.347	6022966.210		2304.943	RS-700	0.98706320755
5213	9/12/2019 9:20:16		-122.363	37.718	2089302.531	6022966.917		2324.409	RS-700	1.10949226415
5214	9/12/2019 9:20:17		-122.363	37.718	2089302.568	6022966.917		2267.382	RS-700	0.75082874214
5215	9/12/2019 9:20:18		-122.363	37.718	2089302.382	6022967.116		2360.333	RS-700	1.33543031447
5216	9/12/2019 9:20:19		-122.363	37.718	2089302.081	6022967.573		2298.484	RS-700	0.94644251572
5217	9/12/2019 9:20:20		-122.363	37.718	2089301.706	6022968.115		2285.706	RS-700	0.86607572327
5218	9/12/2019 9:20:21		-122.363	37.718	2089301.220	6022968.742		2194.897	RS-700	0.29495194969
5219	9/12/2019 9:20:22		-122.363	37.718	2089300.807	6022969.370		2275.389	RS-700	0.80118823899
5220	9/12/2019 9:20:23		-122.363	37.718	2089300.320	6022970.055		2273.356	RS-700	0.78840553459
5221	9/12/2019 9:20:24		-122.363	37.718	2089299.756	6022970.940		2262.823	RS-700	0.72215754717
5222	9/12/2019 9:20:25		-122.363	37.718	2089299.006	6022972.025		2344.960	RS-700	1.23874295597
5223	9/12/2019 9:20:26		-122.363	37.718	2089298.146	6022973.165		2318.371	RS-700	1.07151377358
5224	9/12/2019 9:20:27		-122.363	37.718	2089297.250	6022974.275		2259.034	RS-700	0.69832905660
5225	9/12/2019 9:20:28		-122.363	37.718	2089296.538	6022975.274		2335.066	RS-700	1.17651811321
5226	9/12/2019 9:20:29		-122.363	37.718	2089295.973	6022976.188		2241.927	RS-700	0.59073427673
5227	9/12/2019 9:20:30		-122.363	37.718	2089295.412	6022976.958		2216.355	RS-700	0.42990427673
5228	9/12/2019 9:20:31		-122.363	37.718	2089294.701	6022977.899		2242.041	RS-700	0.59145264151
5229	9/12/2019 9:20:32		-122.363	37.718	2089294.029	6022978.724		2307.837	RS-700	1.00526716981
5230	9/12/2019 9:20:33		-122.363	37.718	2089293.320	6022979.578		2310.829	RS-700	1.02408377358
5231	9/12/2019 9:20:34		-122.363	37.718	2089292.648	6022980.433		2283.591	RS-700	0.85277333333
5232	9/12/2019 9:20:35		-122.363	37.718	2089292.048	6022981.289		2288.172	RS-700	0.88158440252
5233	9/12/2019 9:20:36		-122.363	37.718	2089292.572	6022982.398		2272.151	RS-700	0.78082685535
5234	9/12/2019 9:20:37		-122.363	37.718	2089291.863	6022983.281		2264.270	RS-700	0.73125578616
5235	9/12/2019 9:20:38		-122.363	37.718	2089291.041	6022984.306		2300.711	RS-700	0.96044452830
5236	9/12/2019 9:20:39		-122.363	37.718	2089290.145	6022985.417		2282.827	RS-700	0.84796867925
5237	9/12/2019 9:20:40		-122.363	37.718	2089289.245	6022986.730		2310.288	RS-700	1.02068125786
5238	9/12/2019 9:20:41		-122.362	37.718	2089288.343	6022988.100		2263.498	RS-700	0.72640157233
5239	9/12/2019 9:20:42		-122.362	37.718	2089287.478	6022989.472		2339.723	RS-700	1.20580358491
5240	9/12/2019 9:20:43		-122.362	37.718	2089286.543	6022990.697		2339.068	RS-700	1.20168641509
5241	9/12/2019 9:20:44		-122.362	37.718	2089285.681	6022991.924		2310.481	RS-700	1.02189465409
5242	9/12/2019 9:20:45		-122.362	37.718	2089284.856	6022993.122		2175.883	RS-700	0.17536490566
5243	9/12/2019 9:20:46		-122.362	37.718	2089283.992	6022994.465		2232.585	RS-700	0.53198238994
5244	9/12/2019 9:20:47		-122.362	37.718	2089283.018	6022995.805		2246.803	RS-700	0.62140553459
5245	9/12/2019 9:20:48		-122.362	37.718	2089282.010	6022997.087		2353.846	RS-700	1.29462584906

Gamma Scan Survey Results
Survey Unit 4 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
5246	9/12/2019 9:20:49		-122.362	37.718	2089280.817	6022998.452		2295.056	RS-700	0.92487955975
5247	9/12/2019 9:20:50		-122.362	37.718	2089279.772	6022999.704		2243.350	RS-700	0.59968522013
5248	9/12/2019 9:20:51		-122.362	37.718	2089278.871	6023001.075		2241.026	RS-700	0.58506867925
5249	9/12/2019 9:20:52		-122.362	37.718	2089278.079	6023002.448		2256.150	RS-700	0.68018622642
5250	9/12/2019 9:20:53		-122.362	37.718	2089277.251	6023003.791		2194.894	RS-700	0.29493308176
5251	9/12/2019 9:20:54		-122.362	37.718	2089276.424	6023005.105		2239.374	RS-700	0.57468106918
5252	9/12/2019 9:20:55		-122.362	37.718	2089275.598	6023006.333		2174.892	RS-700	0.16913163522
5253	9/12/2019 9:20:56		-122.362	37.718	2089274.624	6023007.673		2128.665	RS-700	-0.12160534591
5254	9/12/2019 9:20:57		-122.362	37.718	2089273.650	6023009.042		2171.672	RS-700	0.14888062893
5255	9/12/2019 9:20:58		-122.362	37.718	2089272.710	6023010.528		2229.024	RS-700	0.50958591195
5256	9/12/2019 9:20:59		-122.362	37.718	2089271.810	6023011.841		2204.138	RS-700	0.35306622642
5257	9/12/2019 9:21:00		-122.362	37.718	2089270.876	6023013.008		2240.353	RS-700	0.58083477987
5258	9/12/2019 9:21:01		-122.362	37.718	2089269.830	6023014.318		2203.444	RS-700	0.34870490566
5259	9/12/2019 9:21:02		-122.362	37.718	2089268.752	6023015.425		2249.799	RS-700	0.64024389937
5260	9/12/2019 9:21:03		-122.362	37.718	2089267.749	6023016.418		2192.683	RS-700	0.28102465409
5261	9/12/2019 9:21:04		-122.362	37.718	2089266.706	6023017.612		2294.021	RS-700	0.91837415094
5262	9/12/2019 9:21:05		-122.362	37.718	2089265.402	6023019.062		2143.554	RS-700	-0.02796062893
5263	9/12/2019 9:21:06		-122.362	37.718	2089264.172	6023020.484		2118.557	RS-700	-0.18517509434
5264	9/12/2019 9:21:07		-122.362	37.718	2089263.161	6023021.852		2211.353	RS-700	0.39844893082
5265	9/12/2019 9:21:08		-122.362	37.718	2089262.479	6023023.227		2239.915	RS-700	0.57808251572
5266	9/12/2019 9:21:09		-122.362	37.718	2089261.723	6023024.601		2209.232	RS-700	0.38510578616
5267	9/12/2019 9:21:10		-122.362	37.718	2089260.891	6023026.118		2222.689	RS-700	0.46973911950
5268	9/12/2019 9:21:11		-122.362	37.718	2089260.137	6023027.404		2239.692	RS-700	0.57667635220
5269	9/12/2019 9:21:12		-122.362	37.718	2089259.385	6023028.604		2149.773	RS-700	0.01115138365
5270	9/12/2019 9:21:13		-122.362	37.718	2089258.523	6023029.831		2264.036	RS-700	0.72978364780
5271	9/12/2019 9:21:14		-122.362	37.718	2089257.624	6023031.086		2207.687	RS-700	0.37538981132
5272	9/12/2019 9:21:15		-122.362	37.718	2089256.614	6023032.455		2152.662	RS-700	0.02931937107
5273	9/12/2019 9:21:16		-122.362	37.718	2089255.526	6023034.024		2248.032	RS-700	0.62912924528
5274	9/12/2019 9:21:17		-122.362	37.718	2089254.695	6023035.512		2225.254	RS-700	0.48587257862
5275	9/12/2019 9:21:18		-122.362	37.718	2089254.203	6023036.457		2257.799	RS-700	0.69055981132
5276	9/12/2019 9:21:19		-122.362	37.718	2089254.395	6023035.969		2214.793	RS-700	0.42008314465
5277	9/12/2019 9:21:20		-122.362	37.718	2089254.719	6023034.327		2199.118	RS-700	0.32149767296
5278	9/12/2019 9:21:21		-122.362	37.718	2089254.725	6023032.186		2185.891	RS-700	0.23830515723
5279	9/12/2019 9:21:22		-122.362	37.718	2089254.149	6023030.034		2213.789	RS-700	0.41376723270
5280	9/12/2019 9:21:23		-122.362	37.718	2089252.650	6023028.470		2283.736	RS-700	0.85368238994
5281	9/12/2019 9:21:24		-122.362	37.718	2089250.949	6023027.945		2189.334	RS-700	0.25996490566
5282	9/12/2019 9:21:25		-122.362	37.718	2089249.128	6023027.966		2224.802	RS-700	0.48303433962
5283	9/12/2019 9:21:26		-122.362	37.718	2089247.583	6023028.717		2099.650	RS-700	-0.30408540881
5284	9/12/2019 9:21:27		-122.362	37.718	2089246.366	6023029.474		2243.805	RS-700	0.60254440252
5285	9/12/2019 9:21:28		-122.362	37.718	2089246.772	6023029.221		2203.022	RS-700	0.34605037736
5286	9/12/2019 9:21:29		-122.362	37.718	2089247.915	6023028.521		2303.706	RS-700	0.97928257862
5287	9/12/2019 9:21:30		-122.362	37.718	2089249.384	6023027.885		2291.166	RS-700	0.90041490566
5288	9/12/2019 9:21:31		-122.362	37.718	2089250.776	6023027.507		2251.033	RS-700	0.64800446541
5289	9/12/2019 9:21:32		-122.362	37.718	2089252.417	6023027.395		2148.881	RS-700	0.00553981132
5290	9/12/2019 9:21:33		-122.362	37.718	2089254.127	6023027.458		2313.949	RS-700	1.04370301887
5291	9/12/2019 9:21:34		-122.362	37.718	2089255.949	6023027.437		2178.107	RS-700	0.18935396226
5292	9/12/2019 9:21:35		-122.362	37.718	2089257.916	6023027.389		2043.727	RS-700	-0.65580798742
5293	9/12/2019 9:21:36		-122.362	37.718	2089259.738	6023027.368		2253.582	RS-700	0.66404037736
5294	9/12/2019 9:21:37		-122.362	37.718	2089261.561	6023027.230		2172.673	RS-700	0.15517389937
5295	9/12/2019 9:21:38		-122.362	37.718	2089263.167	6023027.060		2263.037	RS-700	0.72350377359
5296	9/12/2019 9:21:39		-122.362	37.718	2089263.495	6023027.037		2254.056	RS-700	0.66701761006
5297	9/12/2019 9:21:40		-122.362	37.718	2089262.615	6023027.338		2122.542	RS-700	-0.16011050315
5298	9/12/2019 9:21:41		-122.362	37.718	2089261.510	6023027.981		2128.873	RS-700	-0.12029704403
5299	9/12/2019 9:21:42		-122.362	37.718	2089260.172	6023029.314		2119.647	RS-700	-0.17832232704
5300	9/12/2019 9:21:43		-122.362	37.718	2089258.898	6023031.112		2187.787	RS-700	0.25023484277
5301	9/12/2019 9:21:44		-122.362	37.718	2089257.876	6023033.059		2232.914	RS-700	0.53404836478
5302	9/12/2019 9:21:45		-122.362	37.718	2089256.855	6023034.977		2216.020	RS-700	0.42779698113
5303	9/12/2019 9:21:46		-122.362	37.718	2089255.729	6023036.661		2192.224	RS-700	0.27813968554
5304	9/12/2019 9:21:47		-122.362	37.718	2089254.494	6023038.314		2283.708	RS-700	0.85351088050
5305	9/12/2019 9:21:48		-122.362	37.718	2089253.257	6023040.055		2180.108	RS-700	0.20193616352
5306	9/12/2019 9:21:49		-122.362	37.718	2089252.094	6023041.796		2159.452	RS-700	0.07202742138

Gamma Scan Survey Results
Survey Unit 4 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
5307	9/12/2019 9:21:50		-122.362	37.718	2089250.931	6023043.509		2226.036	RS-700	0.49079402516
5308	9/12/2019 9:21:51		-122.362	37.718	2089249.695	6023045.191		2187.911	RS-700	0.25100974843
5309	9/12/2019 9:21:52		-122.362	37.718	2089248.424	6023046.873		2165.669	RS-700	0.11112358491
5310	9/12/2019 9:21:53		-122.362	37.718	2089247.187	6023048.642		2217.686	RS-700	0.43827503145
5311	9/12/2019 9:21:54		-122.362	37.718	2089246.022	6023050.412		2203.894	RS-700	0.35153710692
5312	9/12/2019 9:21:55		-122.362	37.718	2089244.785	6023052.210		2153.882	RS-700	0.03699245283
5313	9/12/2019 9:21:56		-122.362	37.718	2089243.549	6023053.921		2058.153	RS-700	-0.56507622642
5314	9/12/2019 9:21:57		-122.362	37.718	2089242.316	6023055.459		2179.455	RS-700	0.19783220126
5315	9/12/2019 9:21:58		-122.362	37.718	2089241.194	6023056.941		2138.974	RS-700	-0.05676937107
5316	9/12/2019 9:21:59		-122.362	37.718	2089240.109	6023058.395		2149.349	RS-700	0.00848628931
5317	9/12/2019 9:22:00		-122.362	37.718	2089238.986	6023059.935		2240.467	RS-700	0.58155345912
5318	9/12/2019 9:22:01		-122.362	37.718	2089238.051	6023061.189		2155.450	RS-700	0.04685672956
5319	9/12/2019 9:22:02		-122.362	37.718	2089237.224	6023062.446		2271.429	RS-700	0.77628465409
5320	9/12/2019 9:22:03		-122.362	37.718	2089236.178	6023063.784		2181.779	RS-700	0.21244735849
5321	9/12/2019 9:22:04		-122.362	37.718	2089234.979	6023065.467		2220.692	RS-700	0.45718106918
5322	9/12/2019 9:22:05		-122.362	37.718	2089233.634	6023067.177		2191.224	RS-700	0.27184918239
5323	9/12/2019 9:22:06		-122.362	37.718	2089232.177	6023068.999		2198.353	RS-700	0.31668364780
5324	9/12/2019 9:22:07		-122.362	37.718	2089230.721	6023070.822		2232.585	RS-700	0.53197962264
5325	9/12/2019 9:22:08		-122.362	37.718	2089229.414	6023072.416		2161.096	RS-700	0.08236547170
5326	9/12/2019 9:22:09		-122.362	37.718	2089228.296	6023073.724		2319.410	RS-700	1.07805157233
5327	9/12/2019 9:22:10		-122.362	37.718	2089227.066	6023075.146		2330.185	RS-700	1.14581918239
5328	9/12/2019 9:22:11		-122.362	37.718	2089225.908	6023076.599		2412.108	RS-700	1.66105691824
5329	9/12/2019 9:22:12		-122.362	37.718	2089224.859	6023078.082		2363.191	RS-700	1.35339962264
5330	9/12/2019 9:22:13		-122.362	37.718	2089223.810	6023079.537		2389.220	RS-700	1.51710641509
5331	9/12/2019 9:22:14		-122.362	37.718	2089222.501	6023081.246		2434.999	RS-700	1.80502698113
5332	9/12/2019 9:22:15		-122.362	37.718	2089221.191	6023083.043		2304.368	RS-700	0.98344352201
5333	9/12/2019 9:22:16		-122.362	37.718	2089219.772	6023084.808		2360.731	RS-700	1.33792893082
5334	9/12/2019 9:22:17		-122.362	37.718	2089218.243	6023086.572		2291.709	RS-700	0.90383062893
5335	9/12/2019 9:22:18		-122.362	37.718	2089216.680	6023088.276		2331.591	RS-700	1.15465817610
5336	9/12/2019 9:22:19		-122.362	37.718	2089215.229	6023089.839		2343.075	RS-700	1.22688710692
5337	9/12/2019 9:22:20		-122.362	37.718	2089213.922	6023091.433		2528.286	RS-700	2.39173358491
5338	9/12/2019 9:22:21		-122.362	37.718	2089212.614	6023093.113		2398.978	RS-700	1.57847553459
5339	9/12/2019 9:22:22		-122.362	37.718	2089211.381	6023094.680		2363.439	RS-700	1.35496528302
5340	9/12/2019 9:22:23		-122.362	37.718	2089210.146	6023096.333		2350.211	RS-700	1.27176729560
5341	9/12/2019 9:22:24		-122.362	37.718	2089208.768	6023097.868		2482.251	RS-700	2.10221000000
5342	9/12/2019 9:22:25		-122.362	37.718	2089207.391	6023099.374		2322.185	RS-700	1.09550088050
5343	9/12/2019 9:22:26		-122.362	37.718	2089206.010	6023101.054		2339.959	RS-700	1.20729132075
5344	9/12/2019 9:22:27		-122.362	37.718	2089204.739	6023102.706		2389.101	RS-700	1.51635880503
5345	9/12/2019 9:22:28		-122.362	37.718	2089203.502	6023104.475		2181.464	RS-700	0.21046490566
5346	9/12/2019 9:22:29		-122.362	37.718	2089202.228	6023106.244		2233.582	RS-700	0.53825220126
5347	9/12/2019 9:22:30		-122.362	37.718	2089201.031	6023107.840		2336.839	RS-700	1.18766635220
5348	9/12/2019 9:22:31		-122.362	37.718	2089200.018	6023109.353		2261.174	RS-700	0.71178459120
5349	9/12/2019 9:22:32		-122.362	37.718	2089199.189	6023110.725		2295.365	RS-700	0.92682603774
5350	9/12/2019 9:22:33		-122.362	37.718	2089198.247	6023112.326		2182.771	RS-700	0.21868339623
5351	9/12/2019 9:22:34		-122.362	37.718	2089197.046	6023114.096		2244.357	RS-700	0.60601610063
5352	9/12/2019 9:22:35		-122.362	37.718	2089195.659	6023116.094		2303.712	RS-700	0.97931792453
5353	9/12/2019 9:22:36		-122.362	37.718	2089194.126	6023118.088		2240.804	RS-700	0.58367553459
5354	9/12/2019 9:22:37		-122.362	37.718	2089192.450	6023119.964		2288.936	RS-700	0.88639012579
5355	9/12/2019 9:22:38		-122.362	37.718	2089190.707	6023121.521		2245.355	RS-700	0.61229861635
5356	9/12/2019 9:22:39		-122.362	37.718	2089188.644	6023122.724		2181.221	RS-700	0.20893528302
5357	9/12/2019 9:22:40		-122.362	37.718	2089186.511	6023123.752		2190.115	RS-700	0.26487628931
5358	9/12/2019 9:22:41		-122.362	37.718	2089184.347	6023124.519		2299.599	RS-700	0.95345415094
5359	9/12/2019 9:22:42		-122.362	37.718	2089182.406	6023125.088		2277.044	RS-700	0.81159911950
5360	9/12/2019 9:22:43		-122.362	37.718	2089180.862	6023125.780		2135.678	RS-700	-0.07749654088
5361	9/12/2019 9:22:44		-122.362	37.718	2089179.495	6023126.766		1723.016	RS-700	-2.67285383648
5362	9/12/2019 9:22:45		-122.362	37.718	2089178.115	6023128.387		2067.746	RS-700	-0.50474264151
5363	9/12/2019 9:22:46		-122.362	37.718	2089177.055	6023130.420		2268.698	RS-700	0.75910484277
5364	9/12/2019 9:22:47		-122.362	37.718	2089176.466	6023132.578		2157.657	RS-700	0.06073635220
5365	9/12/2019 9:22:48		-122.362	37.718	2089176.241	6023134.714		2248.806	RS-700	0.63399792453
5366	9/12/2019 9:22:49		-122.362	37.718	2089176.019	6023136.735		2235.460	RS-700	0.55006000000
5367	9/12/2019 9:22:50		-122.362	37.718	2089175.800	6023138.582		2207.341	RS-700	0.37321584906

Gamma Scan Survey Results
Survey Unit 4 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
5368	9/12/2019 9:22:51		-122.362	37.718	2089175.440	6023140.224		2200.122	RS-700	0.32780830189
5369	9/12/2019 9:22:52		-122.362	37.718	2089174.969	6023141.922		2149.760	RS-700	0.01107194969
5370	9/12/2019 9:22:53		-122.362	37.718	2089174.128	6023143.901		2177.456	RS-700	0.18525503145
5371	9/12/2019 9:22:54		-122.362	37.718	2089173.141	6023145.907		2188.916	RS-700	0.25733213837
5372	9/12/2019 9:22:55		-122.362	37.718	2089172.197	6023147.624		2207.570	RS-700	0.37465610063
5373	9/12/2019 9:22:56		-122.362	37.718	2089171.108	6023149.280		2121.102	RS-700	-0.16917283019
5374	9/12/2019 9:22:57		-122.362	37.718	2089169.800	6023150.932		2205.129	RS-700	0.35930440252
5375	9/12/2019 9:22:58		-122.362	37.718	2089168.457	6023152.554		2229.242	RS-700	0.51095635220
5376	9/12/2019 9:22:59		-122.362	37.718	2089167.076	6023154.205		2192.003	RS-700	0.27674679245
5377	9/12/2019 9:23:00		-122.362	37.718	2089165.657	6023155.970		2161.534	RS-700	0.08512182390
5378	9/12/2019 9:23:01		-122.362	37.718	2089164.425	6023157.508		2215.686	RS-700	0.42569647799
5379	9/12/2019 9:23:02		-122.362	37.718	2089163.116	6023159.246		2209.698	RS-700	0.38803729560
5380	9/12/2019 9:23:03		-122.362	37.718	2089161.768	6023161.071		2204.791	RS-700	0.35717427673
5381	9/12/2019 9:23:04		-122.362	37.718	2089160.310	6023162.980		2248.244	RS-700	0.63046358491
5382	9/12/2019 9:23:05		-122.362	37.718	2089158.779	6023164.859		2253.923	RS-700	0.66618257862
5383	9/12/2019 9:23:06		-122.362	37.718	2089157.504	6023166.714		2382.976	RS-700	1.47783371069
5384	9/12/2019 9:23:07		-122.362	37.718	2089156.125	6023168.336		2313.835	RS-700	1.04298660377
5385	9/12/2019 9:23:08		-122.362	37.718	2089154.819	6023169.901		2225.468	RS-700	0.48722157233
5386	9/12/2019 9:23:09		-122.362	37.718	2089153.696	6023171.441		2296.828	RS-700	0.93602364780
5387	9/12/2019 9:23:10		-122.362	37.718	2089152.609	6023172.953		2279.161	RS-700	0.82491238994
5388	9/12/2019 9:23:11		-122.362	37.718	2089151.409	6023174.694		2290.937	RS-700	0.89897257862
5389	9/12/2019 9:23:12		-122.362	37.718	2089149.983	6023176.806		2310.591	RS-700	1.02258515723
5390	9/12/2019 9:23:13		-122.362	37.718	2089148.630	6023178.949		2271.160	RS-700	0.77459012579
5391	9/12/2019 9:23:14		-122.362	37.718	2089147.279	6023180.918		2249.690	RS-700	0.63955930818
5392	9/12/2019 9:23:15		-122.362	37.718	2089145.891	6023182.945		2218.810	RS-700	0.44534572327
5393	9/12/2019 9:23:16		-122.362	37.718	2089144.468	6023184.913		2307.364	RS-700	1.00228679245
5394	9/12/2019 9:23:17		-122.362	37.718	2089143.193	6023186.797		2210.896	RS-700	0.39557100629
5395	9/12/2019 9:23:18		-122.362	37.718	2089141.844	6023188.679		2213.916	RS-700	0.41456383648
5396	9/12/2019 9:23:19		-122.362	37.718	2089140.493	6023190.677		2138.766	RS-700	-0.05807276730
5397	9/12/2019 9:23:20		-122.362	37.718	2089139.031	6023192.789		2212.354	RS-700	0.40474062893
5398	9/12/2019 9:23:21		-122.362	37.718	2089137.643	6023194.844		2207.016	RS-700	0.37116792453
5399	9/12/2019 9:23:22		-122.362	37.718	2089136.217	6023196.957		2329.373	RS-700	1.14071333333
5400	9/12/2019 9:23:23		-122.362	37.718	2089134.794	6023198.896		2246.921	RS-700	0.62214150943
5401	9/12/2019 9:23:24		-122.362	37.718	2089133.157	6023200.628		2198.567	RS-700	0.31802943396
5402	9/12/2019 9:23:25		-122.362	37.718	2089131.412	6023202.300		2226.690	RS-700	0.49490339623
5403	9/12/2019 9:23:26		-122.362	37.718	2089129.558	6023203.970		2173.780	RS-700	0.16214119497
5404	9/12/2019 9:23:27		-122.362	37.718	2089127.741	6023205.612		2193.903	RS-700	0.28869666667
5405	9/12/2019 9:23:28		-122.362	37.718	2089126.285	6023207.406		2144.314	RS-700	-0.02318389937
5406	9/12/2019 9:23:29		-122.362	37.718	2089124.828	6023209.257		2034.441	RS-700	-0.71420503145
5407	9/12/2019 9:23:30		-122.362	37.718	2089123.221	6023211.279		2151.095	RS-700	0.01946534591
5408	9/12/2019 9:23:31		-122.362	37.718	2089121.688	6023213.303		2172.673	RS-700	0.15517817610
5409	9/12/2019 9:23:32		-122.362	37.718	2089120.120	6023215.239		2218.802	RS-700	0.44529264151
5410	9/12/2019 9:23:33		-122.362	37.718	2089118.663	6023217.090		2199.570	RS-700	0.32433830189
5411	9/12/2019 9:23:34		-122.362	37.718	2089117.242	6023218.942		2196.968	RS-700	0.30797761006
5412	9/12/2019 9:23:35		-122.362	37.718	2089115.782	6023220.910		2282.050	RS-700	0.84308238994
5413	9/12/2019 9:23:36		-122.362	37.718	2089114.247	6023223.049		2158.670	RS-700	0.06710628931
5414	9/12/2019 9:23:37		-122.362	37.718	2089112.749	6023225.131		2185.677	RS-700	0.23696421384
5415	9/12/2019 9:23:38		-122.362	37.718	2089111.476	6023226.841		2051.042	RS-700	-0.60979635220
5416	9/12/2019 9:23:39		-122.362	37.718	2089110.244	6023228.350		2233.582	RS-700	0.11021041056
5417	9/12/2019 9:23:40		-122.362	37.718	2089109.047	6023229.975		2313.610	RS-700	0.34489659824
5418	9/12/2019 9:23:41		-122.362	37.718	2089108.032	6023231.546		2569.321	RS-700	1.09478375367
5419	9/12/2019 9:23:42		-122.362	37.718	2089106.901	6023233.491		2487.644	RS-700	0.85526123167
5420	9/12/2019 9:23:43		-122.362	37.718	2089105.664	6023235.231		2039.221	RS-700	-0.45976234604
5421	9/12/2019 9:23:44		-122.362	37.718	2089104.435	6023236.624		1623.587	RS-700	-1.67863108504
5422	9/12/2019 9:23:45		-122.362	37.718	2089102.947	6023238.186		1983.618	RS-700	-0.62282052786
5423	9/12/2019 9:23:46		-122.362	37.718	2089101.127	6023239.972		2564.050	RS-700	1.07932504399
5424	9/12/2019 9:23:47		-122.362	37.718	2089099.188	6023242.248		2376.450	RS-700	0.52917818182
5425	9/12/2019 9:23:48		-122.362	37.718	2089096.991	6023244.663		2241.467	RS-700	0.58784459120
5426	9/12/2019 9:23:49		-122.362	37.718	2089095.088	6023246.940		2183.983	RS-700	0.22631094340
5427	9/12/2019 9:23:50		-122.362	37.718	2089093.597	6023248.704		2139.887	RS-700	-0.05102641509
5428	9/12/2019 9:23:51		-122.362	37.718	2089092.138	6023250.613		2130.173	RS-700	-0.11211735849

Gamma Scan Survey Results
Survey Unit 4 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
5429	9/12/2019 9:23:52		-122.362	37.718	2089090.530	6023252.751		2198.013	RS-700	0.31454817610
5430	9/12/2019 9:23:53		-122.362	37.718	2089088.957	6023254.919		2224.579	RS-700	0.48162628931
5431	9/12/2019 9:23:54		-122.362	37.718	2089087.419	6023257.173		2094.070	RS-700	-0.33918182390
5432	9/12/2019 9:23:55		-122.362	37.718	2089085.808	6023259.456		2111.863	RS-700	-0.22727553459
5433	9/12/2019 9:23:56		-122.362	37.718	2089084.304	6023261.798		2107.330	RS-700	-0.25578503145
5434	9/12/2019 9:23:57		-122.362	37.718	2089082.763	6023264.198		2195.113	RS-700	0.29631025157
5435	9/12/2019 9:23:58		-122.362	37.718	2089081.118	6023266.364		2087.753	RS-700	-0.37891308176
5436	9/12/2019 9:23:59		-122.362	37.718	2089079.585	6023268.358		2098.271	RS-700	-0.31276044025
5437	9/12/2019 9:24:00		-122.362	37.718	2089078.166	6023270.124		2077.751	RS-700	-0.44181666667
5438	9/12/2019 9:24:01		-122.362	37.718	2089076.861	6023271.631		1906.591	RS-700	-1.51829647799
5439	9/12/2019 9:24:02		-122.361	37.718	2089075.630	6023273.111		1190.189	RS-700	-6.02396861635
5440	9/12/2019 9:24:03		-122.361	37.717	2089074.322	6023274.763		921.144	RS-700	-7.71607320755
5441	9/12/2019 9:24:04		-122.361	37.717	2089072.792	6023276.642		1373.555	RS-700	-4.87072144654
5442	9/12/2019 9:24:05		-122.361	37.717	2089071.198	6023278.057		1917.589	RS-700	-1.44912647799
5443	9/12/2019 9:24:06		-122.361	37.717	2089069.653	6023278.836		2007.729	RS-700	-0.88220886793
5444	9/12/2019 9:24:07		-122.361	37.717	2089068.149	6023279.356		2182.985	RS-700	0.22002855346
5445	9/12/2019 9:24:08		-122.361	37.717	2089066.714	6023280.108		2006.925	RS-700	-0.88726301887
5446	9/12/2019 9:24:09		-122.361	37.717	2089065.380	6023281.239		1740.602	RS-700	-2.56225088050
5447	9/12/2019 9:24:10		-122.361	37.717	2089064.293	6023282.779		1516.408	RS-700	-3.97227867925
5448	9/12/2019 9:24:11		-122.361	37.717	2089063.565	6023284.588		1684.541	RS-700	-2.91483610063
5449	9/12/2019 9:24:12		-122.361	37.717	2089063.129	6023286.373		2064.838	RS-700	-0.52303301887
5450	9/12/2019 9:24:13		-122.361	37.717	2089062.696	6023288.013		2122.659	RS-700	-0.15937798742
5451	9/12/2019 9:24:14		-122.361	37.717	2089062.189	6023289.681		2210.572	RS-700	0.39353729560
5452	9/12/2019 9:24:15		-122.361	37.717	2089061.501	6023291.316		2178.011	RS-700	0.18875094340
5453	9/12/2019 9:24:16		-122.361	37.717	2089060.517	6023293.206		2218.907	RS-700	0.44595773585
5454	9/12/2019 9:24:17		-122.361	37.717	2089059.459	6023295.123		2198.572	RS-700	0.31806056604
5455	9/12/2019 9:24:18		-122.361	37.717	2089058.327	6023297.097		2049.627	RS-700	-0.61869710692
5456	9/12/2019 9:24:19		-122.361	37.717	2089056.902	6023299.181		2072.160	RS-700	-0.47698396226
5457	9/12/2019 9:24:20		-122.361	37.717	2089055.367	6023301.291		2104.962	RS-700	-0.27067805031
5458	9/12/2019 9:24:21		-122.361	37.717	2089053.869	6023303.344		2160.774	RS-700	0.08033949686
5459	9/12/2019 9:24:22		-122.361	37.717	2089052.300	6023305.309		2111.653	RS-700	-0.22859742138
5460	9/12/2019 9:24:23		-122.361	37.717	2089050.842	6023307.218		2079.541	RS-700	-0.43055905660
5461	9/12/2019 9:24:24		-122.361	37.717	2089049.349	6023309.040		2031.940	RS-700	-0.72994025157
5462	9/12/2019 9:24:25		-122.361	37.717	2089047.823	6023310.717		2174.784	RS-700	0.16845314465
5463	9/12/2019 9:24:26		-122.361	37.717	2089046.371	6023312.308		2049.241	RS-700	-0.62112339623
5464	9/12/2019 9:24:27		-122.361	37.717	2089044.884	6023313.812		1990.720	RS-700	-0.98918528302
5465	9/12/2019 9:24:28		-122.361	37.717	2089043.361	6023315.286		2115.752	RS-700	-0.20281641509
5466	9/12/2019 9:24:29		-122.361	37.717	2089042.021	6023316.763		2033.815	RS-700	-0.71814396226
5467	9/12/2019 9:24:30		-122.361	37.717	2089040.972	6023318.247		2110.439	RS-700	-0.23623050315
5468	9/12/2019 9:24:31		-122.361	37.717	2089039.808	6023319.989		2046.633	RS-700	-0.63753132076
5469	9/12/2019 9:24:32		-122.361	37.717	2089038.569	6023321.844		2045.949	RS-700	-0.64183207547
5470	9/12/2019 9:24:33		-122.361	37.717	2089037.329	6023323.787		2120.454	RS-700	-0.17324308176
5471	9/12/2019 9:24:34		-122.361	37.717	2089036.054	6023325.613		2032.031	RS-700	-0.72936610063
5472	9/12/2019 9:24:35		-122.361	37.717	2089034.596	6023327.494		2060.058	RS-700	-0.55309314465
5473	9/12/2019 9:24:36		-122.361	37.717	2089033.101	6023329.460		1986.016	RS-700	-1.01876930818
5474	9/12/2019 9:24:37		-122.361	37.717	2089031.608	6023331.282		2139.874	RS-700	-0.05110654088
5475	9/12/2019 9:24:38		-122.361	37.717	2089029.934	6023333.013		2096.858	RS-700	-0.32164559748
5476	9/12/2019 9:24:39		-122.361	37.717	2089028.188	6023334.772		2061.856	RS-700	-0.54178452830
5477	9/12/2019 9:24:40		-122.361	37.717	2089026.657	6023336.651		2091.274	RS-700	-0.35676566038
5478	9/12/2019 9:24:41		-122.361	37.717	2089025.126	6023338.559		2076.435	RS-700	-0.45009471698
5479	9/12/2019 9:24:42		-122.361	37.717	2089023.707	6023340.324		2084.846	RS-700	-0.39719540881
5480	9/12/2019 9:24:43		-122.361	37.717	2089022.254	6023341.945		2138.987	RS-700	-0.05668289308
5481	9/12/2019 9:24:44		-122.361	37.717	2089020.765	6023343.593		2124.883	RS-700	-0.14538716981
5482	9/12/2019 9:24:45		-122.361	37.717	2089019.307	6023345.473		2124.445	RS-700	-0.14814654088
5483	9/12/2019 9:24:46		-122.361	37.717	2089017.884	6023347.441		2090.865	RS-700	-0.35933779874
5484	9/12/2019 9:24:47		-122.361	37.717	2089016.570	6023349.411		2106.652	RS-700	-0.26005094340
5485	9/12/2019 9:24:48		-122.361	37.717	2089015.258	6023351.295		2176.785	RS-700	0.18103616352
5486	9/12/2019 9:24:49		-122.361	37.717	2089013.913	6023353.004		2165.009	RS-700	0.10697484277
5487	9/12/2019 9:24:50		-122.361	37.717	2089012.644	6023354.570		2220.040	RS-700	0.45308295598
5488	9/12/2019 9:24:51		-122.361	37.717	2089011.486	6023356.022		2125.871	RS-700	-0.13917786164
5489	9/12/2019 9:24:52		-122.361	37.717	2089010.440	6023357.332		2197.012	RS-700	0.30824918239

Gamma Scan Survey Results
Survey Unit 4 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
5490	9/12/2019 9:24:53		-122.361	37.717	2089009.616	6023358.473		2162.886	RS-700	0.09362509434
5491	9/12/2019 9:24:54		-122.361	37.717	2089008.308	6023360.154		2084.537	RS-700	-0.39913540881
5492	9/12/2019 9:24:55		-122.361	37.717	2089006.993	6023362.182		2143.777	RS-700	-0.02655666667
5493	9/12/2019 9:24:56		-122.361	37.717	2089005.746	6023364.471		2102.544	RS-700	-0.28588654088
5494	9/12/2019 9:24:57		-122.361	37.717	2089004.463	6023366.673		2079.641	RS-700	-0.42993088050
5495	9/12/2019 9:24:58		-122.361	37.717	2089003.261	6023368.559		2068.745	RS-700	-0.49846006289
5496	9/12/2019 9:24:59		-122.361	37.717	2089002.136	6023370.157		2119.188	RS-700	-0.18120924528
5497	9/12/2019 9:25:00		-122.361	37.717	2089001.049	6023371.726		2115.181	RS-700	-0.20641018868
5498	9/12/2019 9:25:01		-122.361	37.717	2088999.851	6023373.351		2107.862	RS-700	-0.25243779874
5499	9/12/2019 9:25:02		-122.361	37.717	2088998.697	6023374.630		2127.768	RS-700	-0.12724257862
5500	9/12/2019 9:25:03		-122.361	37.717	2088997.354	6023376.224		2152.777	RS-700	0.03004182390
5501	9/12/2019 9:25:04		-122.361	37.717	2088996.118	6023377.935		2155.667	RS-700	0.04822081761
5502	9/12/2019 9:25:05		-122.361	37.717	2088994.921	6023379.531		2087.645	RS-700	-0.37958880503
5503	9/12/2019 9:25:06		-122.361	37.717	2088993.768	6023380.752		2126.659	RS-700	-0.13421962264
5504	9/12/2019 9:25:07		-122.361	37.717	2088992.421	6023382.519		2149.664	RS-700	0.01046496855
5505	9/12/2019 9:25:08		-122.361	37.717	2088990.995	6023384.632		2173.782	RS-700	0.16215163522
5506	9/12/2019 9:25:09		-122.361	37.717	2088989.497	6023386.743		2138.210	RS-700	-0.06157018868
5507	9/12/2019 9:25:10		-122.361	37.717	2088988.105	6023388.943		2123.757	RS-700	-0.15247377359
5508	9/12/2019 9:25:11		-122.361	37.717	2088986.651	6023390.649		2178.888	RS-700	0.19426295598
5509	9/12/2019 9:25:12		-122.361	37.717	2088985.158	6023392.471		2144.871	RS-700	-0.01967880503
5510	9/12/2019 9:25:13		-122.361	37.717	2088983.591	6023394.350		2198.229	RS-700	0.31590289308
5511	9/12/2019 9:25:14		-122.361	37.717	2088982.097	6023396.229		2130.339	RS-700	-0.11107679245
5512	9/12/2019 9:25:15		-122.361	37.717	2088980.749	6023398.083		2143.875	RS-700	-0.02594415094
5513	9/12/2019 9:25:16		-122.361	37.717	2088979.365	6023399.907		2082.644	RS-700	-0.41104572327
5514	9/12/2019 9:25:17		-122.361	37.717	2088977.872	6023401.729		2164.096	RS-700	0.10123081761
5515	9/12/2019 9:25:18		-122.361	37.717	2088976.193	6023403.749		2118.436	RS-700	-0.18593930818
5516	9/12/2019 9:25:19		-122.361	37.717	2088974.478	6023405.769		2122.190	RS-700	-0.16232905660
5517	9/12/2019 9:25:20		-122.361	37.717	2088972.797	6023407.877		2067.047	RS-700	-0.50913710692
5518	9/12/2019 9:25:21		-122.361	37.717	2088971.154	6023409.898		2123.194	RS-700	-0.15601503145
5519	9/12/2019 9:25:22		-122.361	37.717	2088969.625	6023411.719		2233.134	RS-700	0.53543553459
5520	9/12/2019 9:25:23		-122.361	37.717	2088968.021	6023413.655		2073.549	RS-700	-0.46824779874
5521	9/12/2019 9:25:24		-122.361	37.717	2088966.676	6023415.364		1593.489	RS-700	-3.48749238994
5522	9/12/2019 9:25:25		-122.361	37.717	2088965.329	6023417.131		907.098	RS-700	-7.80441427673
5523	9/12/2019 9:25:26		-122.361	37.717	2088963.795	6023419.212		1236.321	RS-700	-5.73382880503
5524	9/12/2019 9:25:27		-122.361	37.717	2088962.185	6023421.408		1974.509	RS-700	-1.09113735849
5525	9/12/2019 9:25:28		-122.361	37.717	2088960.615	6023423.459		2087.061	RS-700	-0.38326201258
5526	9/12/2019 9:25:29		-122.361	37.717	2088959.268	6023425.226		1669.406	RS-700	-3.01002320755
5527	9/12/2019 9:25:30		-122.361	37.717	2088957.667	6023426.988		1541.497	RS-700	-3.81448597484
5528	9/12/2019 9:25:31		-122.361	37.717	2088956.319	6023428.871		1846.658	RS-700	-1.89523371069
5529	9/12/2019 9:25:32		-122.361	37.717	2088954.903	6023430.492		2160.669	RS-700	0.07968144654
5530	9/12/2019 9:25:33		-122.361	37.717	2088953.519	6023432.316		2213.590	RS-700	0.41251603774
5531	9/12/2019 9:25:34		-122.361	37.717	2088952.025	6023434.166		2163.780	RS-700	0.09924283019
5532	9/12/2019 9:25:35		-122.361	37.717	2088950.573	6023435.786		2187.115	RS-700	0.24600515723
5533	9/12/2019 9:25:36		-122.361	37.717	2088949.117	6023437.580		2277.267	RS-700	0.81299962264
5534	9/12/2019 9:25:37		-122.361	37.717	2088947.692	6023439.635		2128.768	RS-700	-0.12095867925
5535	9/12/2019 9:25:38		-122.361	37.717	2088946.265	6023441.805		2076.951	RS-700	-0.44684905660
5536	9/12/2019 9:25:39		-122.361	37.717	2088944.838	6023443.947		2105.860	RS-700	-0.26502924528
5537	9/12/2019 9:25:40		-122.361	37.717	2088943.348	6023445.624		2107.964	RS-700	-0.25179748428
5538	9/12/2019 9:25:41		-122.361	37.717	2088941.861	6023447.156		2216.800	RS-700	0.43270679245
5539	9/12/2019 9:25:42		-122.361	37.717	2088940.335	6023448.804		2053.527	RS-700	-0.59416748428
5540	9/12/2019 9:25:43		-122.361	37.717	2088938.841	6023450.684		2163.777	RS-700	0.09922622642
5541	9/12/2019 9:25:44		-122.361	37.717	2088937.311	6023452.534		2184.674	RS-700	0.23065710692
5542	9/12/2019 9:25:45		-122.361	37.717	2088935.998	6023454.446		2198.569	RS-700	0.31804597484
5543	9/12/2019 9:25:46		-122.361	37.717	2088934.651	6023456.242		2150.669	RS-700	0.01678805031
5544	9/12/2019 9:25:47		-122.361	37.717	2088933.412	6023458.156		2218.912	RS-700	0.44598553459
5545	9/12/2019 9:25:48		-122.361	37.717	2088932.173	6023459.982		2220.909	RS-700	0.45854861635
5546	9/12/2019 9:25:49		-122.361	37.717	2088930.790	6023461.806		2239.580	RS-700	0.57597528302
5547	9/12/2019 9:25:50		-122.361	37.717	2088929.628	6023463.461		2211.356	RS-700	0.39846578616
5548	9/12/2019 9:25:51		-122.361	37.717	2088928.164	6023465.660		2177.109	RS-700	0.18307452830
5549	9/12/2019 9:25:52		-122.361	37.717	2088926.667	6023467.655		2128.875	RS-700	-0.12028106918
5550	9/12/2019 9:25:53		-122.361	37.717	2088925.134	6023469.650		2261.922	RS-700	0.71649132076

Gamma Scan Survey Results
Survey Unit 4 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
5551	9/12/2019 9:25:54		-122.361	37.717	2088923.721	6023471.126		2219.352	RS-700	0.44875289308
5552	9/12/2019 9:25:55		-122.361	37.717	2088922.266	6023472.891		2211.578	RS-700	0.39986056604
5553	9/12/2019 9:25:56		-122.361	37.717	2088920.809	6023474.742		2233.809	RS-700	0.53967616352
5554	9/12/2019 9:25:57		-122.361	37.717	2088919.197	6023477.025		2256.265	RS-700	0.68090968554
5555	9/12/2019 9:25:58		-122.361	37.717	2088917.590	6023479.076		2079.751	RS-700	-0.42924213837
5556	9/12/2019 9:25:59		-122.361	37.717	2088915.986	6023481.011		2161.881	RS-700	0.08729893082
5557	9/12/2019 9:26:00		-122.361	37.717	2088914.677	6023482.721		2212.352	RS-700	0.40472861635
5558	9/12/2019 9:26:01		-122.361	37.717	2088913.489	6023483.883		2131.992	RS-700	-0.10068106918
5559	9/12/2019 9:26:02		-122.361	37.717	2088912.179	6023485.651		2147.556	RS-700	-0.00279320755
5560	9/12/2019 9:26:03		-122.361	37.717	2088910.758	6023487.532		2180.783	RS-700	0.20618201258
5561	9/12/2019 9:26:04		-122.361	37.717	2088909.557	6023489.302		2170.447	RS-700	0.14117861635
5562	9/12/2019 9:26:05		-122.361	37.717	2088908.210	6023491.127		2174.896	RS-700	0.16915427673
5563	9/12/2019 9:26:06		-122.361	37.717	2088906.750	6023493.123		2252.257	RS-700	0.65570358491
5564	9/12/2019 9:26:07		-122.361	37.717	2088905.359	6023495.294		2187.678	RS-700	0.24954911950
5565	9/12/2019 9:26:08		-122.361	37.717	2088904.187	6023497.440		2190.121	RS-700	0.26491094340
5566	9/12/2019 9:26:09		-122.361	37.717	2088902.873	6023499.411		2246.474	RS-700	0.61933125786
5567	9/12/2019 9:26:10		-122.361	37.717	2088901.743	6023501.326		2423.381	RS-700	1.73195867925
5568	9/12/2019 9:26:11		-122.361	37.717	2088900.395	6023503.151		2253.700	RS-700	0.66478264151
5569	9/12/2019 9:26:12		-122.361	37.717	2088899.199	6023504.690		2131.660	RS-700	-0.10276572327
5570	9/12/2019 9:26:13		-122.361	37.717	2088898.342	6023505.685		2268.039	RS-700	0.75496207547
5571	9/12/2019 9:26:14		-122.361	37.717	2088897.411	6023506.708		2254.596	RS-700	0.67041566038
5572	9/12/2019 9:26:15		-122.361	37.717	2088896.180	6023508.159		2258.257	RS-700	0.69344157233
5573	9/12/2019 9:26:16		-122.361	37.717	2088894.911	6023509.725		2181.566	RS-700	0.21110496855
5574	9/12/2019 9:26:17		-122.361	37.717	2088893.567	6023511.376		2182.875	RS-700	0.21933924528
5575	9/12/2019 9:26:18		-122.361	37.717	2088892.371	6023512.915		2179.005	RS-700	0.19499710692
5576	9/12/2019 9:26:19		-122.361	37.717	2088890.991	6023514.565		2124.647	RS-700	-0.14687371069
5577	9/12/2019 9:26:20		-122.361	37.717	2088889.574	6023516.215		2040.527	RS-700	-0.67593327044
5578	9/12/2019 9:26:21		-122.361	37.717	2088888.193	6023517.894		2153.775	RS-700	0.03631899371
5579	9/12/2019 9:26:22		-122.361	37.717	2088887.073	6023519.261		2120.867	RS-700	-0.17064830189
5580	9/12/2019 9:26:23		-122.361	37.717	2088886.812	6023519.603		2136.670	RS-700	-0.07125849057
5581	9/12/2019 9:26:24		-122.361	37.717	2088886.250	6023520.373		1806.559	RS-700	-2.14742767296
5582	9/12/2019 9:26:25		-122.361	37.717	2088884.869	6023522.081		2034.933	RS-700	-0.71111377359
5583	9/12/2019 9:26:26		-122.361	37.717	2088883.599	6023523.676		2070.832	RS-700	-0.48533396226
5584	9/12/2019 9:26:27		-122.361	37.717	2088881.738	6023525.693		1948.606	RS-700	-1.25404886792
5585	9/12/2019 9:26:28		-122.361	37.717	2088880.179	6023527.166		2042.418	RS-700	-0.66403559748
5586	9/12/2019 9:26:29		-122.361	37.717	2088878.761	6023528.845		2009.330	RS-700	-0.87213654088
5587	9/12/2019 9:26:30		-122.361	37.717	2088877.639	6023530.327		2036.146	RS-700	-0.70348704403
5588	9/12/2019 9:26:31		-122.361	37.717	2088876.483	6023531.693		2029.728	RS-700	-0.74385132076
5589	9/12/2019 9:26:32		-122.361	37.717	2088875.324	6023533.232		2123.553	RS-700	-0.15375767296
5590	9/12/2019 9:26:33		-122.361	37.717	2088874.016	6023534.884		2071.433	RS-700	-0.48155440252
5591	9/12/2019 9:26:34		-122.361	37.717	2088872.528	6023536.446		2059.031	RS-700	-0.55955352201
5592	9/12/2019 9:26:35		-122.361	37.717	2088871.226	6023537.837		2148.659	RS-700	0.00414540881
5593	9/12/2019 9:26:36		-122.361	37.717	2088869.994	6023539.346		2029.833	RS-700	-0.74319119497
5594	9/12/2019 9:26:37		-122.361	37.717	2088868.759	6023541.000		2046.635	RS-700	-0.63751691824
5595	9/12/2019 9:26:38		-122.361	37.717	2088867.487	6023542.710		1992.314	RS-700	-0.97915477987
5596	9/12/2019 9:26:39		-122.361	37.717	2088866.362	6023544.366		2026.135	RS-700	-0.76644421384
5597	9/12/2019 9:26:40		-122.361	37.717	2088865.422	6023545.851		2095.070	RS-700	-0.33289339623
5598	9/12/2019 9:26:41		-122.361	37.717	2088864.445	6023547.336		2142.306	RS-700	-0.03581402516
5599	9/12/2019 9:26:42		-122.361	37.717	2088863.284	6023548.962		2153.886	RS-700	0.03701924528
5600	9/12/2019 9:26:43		-122.361	37.717	2088861.826	6023550.843		2081.644	RS-700	-0.41733213837
5601	9/12/2019 9:26:44		-122.361	37.717	2088860.367	6023552.781		2040.630	RS-700	-0.67528465409
5602	9/12/2019 9:26:45		-122.361	37.717	2088859.018	6023554.721		1444.593	RS-700	-4.42394547170
5603	9/12/2019 9:26:46		-122.361	37.717	2088857.743	6023556.577		868.092	RS-700	-8.04973616352
5604	9/12/2019 9:26:47		-122.360	37.717	2088856.648	6023558.522		1029.213	RS-700	-7.03639905660
5605	9/12/2019 9:26:48		-122.360	37.717	2088855.664	6023560.354		1801.009	RS-700	-2.18233547170
5606	9/12/2019 9:26:49		-122.360	37.717	2088854.868	6023561.958		2094.232	RS-700	-0.33816616352
5607	9/12/2019 9:26:50		-122.360	37.717	2088854.225	6023563.132		2095.968	RS-700	-0.32724377359
5608	9/12/2019 9:26:51		-122.360	37.717	2088853.623	6023564.132		2086.064	RS-700	-0.38953729560
5609	9/12/2019 9:26:52		-122.360	37.717	2088853.133	6023564.933		1942.600	RS-700	-1.29182232704
5610	9/12/2019 9:26:53		-122.360	37.717	2088852.080	6023566.619		1619.661	RS-700	-3.32288679245
5611	9/12/2019 9:26:54		-122.360	37.717	2088851.486	6023567.185		1572.781	RS-700	-3.61773201258

Gamma Scan Survey Results
Survey Unit 4 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
5612	9/12/2019 9:26:55		-122.360	37.717	2088850.445	6023568.264		1548.264	RS-700	-3.77192666667
5613	9/12/2019 9:26:56		-122.360	37.717	2088849.329	6023569.428		1991.656	RS-700	-0.98329559748
5614	9/12/2019 9:26:57		-122.360	37.717	2088847.915	6023570.933		2056.836	RS-700	-0.57335949686
5615	9/12/2019 9:26:58		-122.360	37.717	2088846.573	6023572.498		2207.457	RS-700	0.37394176101
5616	9/12/2019 9:26:59		-122.360	37.717	2088845.379	6023573.920		2135.976	RS-700	-0.07562578616
5617	9/12/2019 9:27:00		-122.360	37.717	2088844.258	6023575.374		2128.666	RS-700	-0.12159654088
5618	9/12/2019 9:27:01		-122.360	37.717	2088843.174	6023576.770		2145.651	RS-700	-0.01477125786
5619	9/12/2019 9:27:02		-122.360	37.717	2088842.053	6023578.194		2162.001	RS-700	0.08805716981
5620	9/12/2019 9:27:03		-122.360	37.717	2088840.896	6023579.588		2059.844	RS-700	-0.55444182390
5621	9/12/2019 9:27:04		-122.360	37.717	2088839.663	6023581.184		2102.758	RS-700	-0.28453962264
5622	9/12/2019 9:27:05		-122.360	37.717	2088838.320	6023582.806		2124.658	RS-700	-0.14680761006
5623	9/12/2019 9:27:06		-122.360	37.717	2088837.084	6023584.518		2095.836	RS-700	-0.32807836478
5624	9/12/2019 9:27:07		-122.360	37.717	2088835.810	6023586.315		2148.881	RS-700	0.00554182390
5625	9/12/2019 9:27:08		-122.360	37.717	2088834.458	6023588.342		2084.168	RS-700	-0.40145855346
5626	9/12/2019 9:27:09		-122.360	37.717	2088833.107	6023590.369		2097.545	RS-700	-0.31732723270
5627	9/12/2019 9:27:10		-122.360	37.717	2088831.867	6023592.312		2100.972	RS-700	-0.29577264151
5628	9/12/2019 9:27:11		-122.360	37.717	2088830.705	6023593.967		2084.748	RS-700	-0.39781339623
5629	9/12/2019 9:27:12		-122.360	37.717	2088829.508	6023595.534		2071.742	RS-700	-0.47960867925
5630	9/12/2019 9:27:13		-122.360	37.717	2088828.275	6023597.101		2046.043	RS-700	-0.64123899371
5631	9/12/2019 9:27:14		-122.360	37.717	2088827.004	6023598.754		2009.726	RS-700	-0.86964591195
5632	9/12/2019 9:27:15		-122.360	37.717	2088825.546	6023600.663		2023.820	RS-700	-0.78100522013
5633	9/12/2019 9:27:16		-122.360	37.717	2088824.095	6023602.196		2012.813	RS-700	-0.85023125786
5634	9/12/2019 9:27:17		-122.360	37.717	2088822.784	6023604.022		2021.537	RS-700	-0.79536452830
5635	9/12/2019 9:27:18		-122.360	37.717	2088821.766	6023605.737		1996.923	RS-700	-0.95016855346
5636	9/12/2019 9:27:19		-122.360	37.717	2088820.674	6023607.567		2057.153	RS-700	-0.57136547170
5637	9/12/2019 9:27:20		-122.360	37.717	2088819.579	6023609.513		2121.765	RS-700	-0.16500056604
5638	9/12/2019 9:27:21		-122.360	37.717	2088818.227	6023611.598		1976.799	RS-700	-1.07673861635
5639	9/12/2019 9:27:22		-122.360	37.717	2088816.731	6023613.564		2154.668	RS-700	0.04193886792
5640	9/12/2019 9:27:23		-122.360	37.717	2088815.128	6023615.413		2014.040	RS-700	-0.84251389937
5641	9/12/2019 9:27:24		-122.360	37.717	2088813.492	6023617.116		2076.758	RS-700	-0.44806295598
5642	9/12/2019 9:27:25		-122.360	37.717	2088811.855	6023618.848		2003.617	RS-700	-0.90806880503
5643	9/12/2019 9:27:26		-122.360	37.717	2088810.401	6023620.526		2076.742	RS-700	-0.44816547170
5644	9/12/2019 9:27:27		-122.360	37.717	2088809.021	6023622.177		2073.643	RS-700	-0.46765547170
5645	9/12/2019 9:27:28		-122.360	37.717	2088807.676	6023623.857		1985.012	RS-700	-1.02508364780
5646	9/12/2019 9:27:29		-122.360	37.717	2088806.223	6023625.535		2007.830	RS-700	-0.88157251572
5647	9/12/2019 9:27:30		-122.360	37.717	2088804.770	6023627.155		2006.808	RS-700	-0.88799987421
5648	9/12/2019 9:27:31		-122.360	37.717	2088803.283	6023628.659		2089.857	RS-700	-0.36568138365
5649	9/12/2019 9:27:32		-122.360	37.717	2088801.830	6023630.308		2144.091	RS-700	-0.02458572327
5650	9/12/2019 9:27:33		-122.360	37.717	2088800.556	6023632.134		2142.522	RS-700	-0.03445572327
5651	9/12/2019 9:27:34		-122.360	37.717	2088799.286	6023633.700		1999.609	RS-700	-0.93327389937
5652	9/12/2019 9:27:35		-122.360	37.717	2088798.089	6023635.325		2079.957	RS-700	-0.42794364780
5653	9/12/2019 9:27:36		-122.360	37.717	2088796.703	6023637.236		2074.057	RS-700	-0.46505345912
5654	9/12/2019 9:27:37		-122.360	37.717	2088795.246	6023639.088		2120.657	RS-700	-0.17196761006
5655	9/12/2019 9:27:38		-122.360	37.717	2088793.788	6023640.968		2074.641	RS-700	-0.46137968554
5656	9/12/2019 9:27:39		-122.360	37.717	2088792.439	6023642.909		2048.943	RS-700	-0.62300088050
5657	9/12/2019 9:27:40		-122.360	37.717	2088791.086	6023644.994		2095.648	RS-700	-0.32925761006
5658	9/12/2019 9:27:41		-122.360	37.717	2088789.549	6023647.191		2025.720	RS-700	-0.76905830189
5659	9/12/2019 9:27:42		-122.360	37.717	2088787.982	6023649.098		2032.944	RS-700	-0.72362050315
5660	9/12/2019 9:27:43		-122.360	37.717	2088786.488	6023650.949		2036.947	RS-700	-0.69844440252
5661	9/12/2019 9:27:44		-122.360	37.717	2088785.070	6023652.685		1981.108	RS-700	-1.04963666667
5662	9/12/2019 9:27:45		-122.360	37.717	2088783.649	6023654.538		1983.416	RS-700	-1.03512245283
5663	9/12/2019 9:27:46		-122.360	37.717	2088782.154	6023656.475		1986.022	RS-700	-1.01872874214
5664	9/12/2019 9:27:47		-122.360	37.717	2088780.695	6023658.413		2052.540	RS-700	-0.60037974843
5665	9/12/2019 9:27:48		-122.360	37.717	2088779.348	6023660.209		1984.206	RS-700	-1.03015251572
5666	9/12/2019 9:27:49		-122.360	37.717	2088778.080	6023661.717		2047.544	RS-700	-0.63179691824
5667	9/12/2019 9:27:50		-122.360	37.717	2088777.179	6023663.088		2102.073	RS-700	-0.28885075472
5668	9/12/2019 9:27:51		-122.360	37.717	2088776.806	6023663.515		2025.817	RS-700	-0.76844654088
5669	9/12/2019 9:27:52		-122.360	37.717	2088776.955	6023663.344		2087.175	RS-700	-0.38254698113
5670	9/12/2019 9:27:53		-122.360	37.717	2088777.029	6023663.259		2057.858	RS-700	-0.56693283019
5671	9/12/2019 9:27:54		-122.360	37.717	2088777.029	6023663.259		2059.529	RS-700	-0.55641930818
5672	9/12/2019 9:27:55		-122.360	37.717	2088777.029	6023663.259		1982.415	RS-700	-1.04141465409

Gamma Scan Survey Results
Survey Unit 4 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
5673	9/12/2019 9:27:56		-122.360	37.717	2088777.029	6023663.259		2000.721	RS-700	-0.92628182390
5674	9/12/2019 9:27:57		-122.360	37.717	2088777.029	6023663.259		2058.360	RS-700	-0.56377176101
5675	9/12/2019 9:27:58		-122.360	37.717	2088777.029	6023663.259		2087.437	RS-700	-0.38090088050
5676	9/12/2019 9:27:59		-122.360	37.717	2088777.029	6023663.259		2092.539	RS-700	-0.34881150943
5677	9/12/2019 9:28:00		-122.360	37.717	2088777.029	6023663.259		2022.930	RS-700	-0.78660389937
5678	9/12/2019 9:28:01		-122.360	37.717	2088777.029	6023663.288		2010.633	RS-700	-0.86394616352
5679	9/12/2019 9:28:02		-122.360	37.717	2088777.065	6023663.288		1943.701	RS-700	-1.28489981132
5680	9/12/2019 9:28:03		-122.360	37.717	2088777.029	6023663.288		2040.735	RS-700	-0.67462006289
5681	9/12/2019 9:28:04		-122.360	37.717	2088777.029	6023663.288		2022.844	RS-700	-0.78714578616
5682	9/12/2019 9:28:05		-122.360	37.717	2088777.028	6023663.317		2028.039	RS-700	-0.75447289308
5683	9/12/2019 9:28:06		-122.360	37.717	2088777.029	6023663.288		2044.602	RS-700	-0.65030150943
5684	9/12/2019 9:28:07		-122.360	37.717	2088777.070	6023663.057		2019.423	RS-700	-0.80866000000
5685	9/12/2019 9:28:08		-122.360	37.717	2088777.070	6023663.057		2072.644	RS-700	-0.47393880503
5686	9/12/2019 9:28:09		-122.360	37.717	2088777.070	6023663.057		2174.219	RS-700	0.16490025157
5687	9/12/2019 9:28:10		-122.360	37.717	2088777.070	6023663.028		2003.310	RS-700	-0.90999817610
5688	9/12/2019 9:28:11		-122.360	37.717	2088777.070	6023663.057		2014.826	RS-700	-0.83757459120
5689	9/12/2019 9:28:12		-122.360	37.717	2088777.070	6023663.057		1990.915	RS-700	-0.98795672956
5690	9/12/2019 9:28:13		-122.360	37.717	2088777.070	6023663.057		2023.729	RS-700	-0.78157685535
5691	9/12/2019 9:28:14		-122.360	37.717	2088777.107	6023663.029		2077.847	RS-700	-0.44121433962
5692	9/12/2019 9:28:15		-122.360	37.717	2088777.106	6023663.087		2067.847	RS-700	-0.50410490566
5693	9/12/2019 9:28:16		-122.360	37.717	2088777.106	6023663.087		2032.322	RS-700	-0.72753163522
5694	9/12/2019 9:28:17		-122.360	37.717	2088777.106	6023663.058		2094.430	RS-700	-0.33691830189
5695	9/12/2019 9:28:18		-122.360	37.717	2088777.106	6023663.058		2062.638	RS-700	-0.53686691824
5696	9/12/2019 9:28:19		-122.360	37.717	2088777.106	6023663.058		2100.648	RS-700	-0.29780855346
5697	9/12/2019 9:28:20		-122.360	37.717	2088777.070	6023663.057		2093.651	RS-700	-0.34182044025
5698	9/12/2019 9:28:21		-122.360	37.717	2088777.070	6023663.057		2114.862	RS-700	-0.20841798742
5699	9/12/2019 9:28:22		-122.360	37.717	2088777.106	6023663.058		2003.622	RS-700	-0.90803823899
5700	9/12/2019 9:28:23		-122.360	37.717	2088777.106	6023663.058		2069.370	RS-700	-0.49452654088
5701	9/12/2019 9:28:24		-122.360	37.717	2088777.106	6023663.058		2057.251	RS-700	-0.57075062893
5702	9/12/2019 9:28:25		-122.360	37.717	2088777.106	6023663.058		2055.635	RS-700	-0.58091352201
5703	9/12/2019 9:28:26		-122.360	37.717	2088777.106	6023663.058		2029.927	RS-700	-0.74259628931
5704	9/12/2019 9:28:27		-122.360	37.717	2088777.106	6023663.058		2067.950	RS-700	-0.50346169811
5705	9/12/2019 9:28:28		-122.360	37.717	2088777.106	6023663.058		1961.604	RS-700	-1.17230182390
5706	9/12/2019 9:28:29		-122.360	37.717	2088777.106	6023663.058		2024.426	RS-700	-0.77719314465
5707	9/12/2019 9:28:30		-122.360	37.717	2088777.106	6023663.058		2040.528	RS-700	-0.67592509434
5708	9/12/2019 9:28:31		-122.360	37.717	2088777.106	6023663.058		2042.348	RS-700	-0.66447534591
5709	9/12/2019 9:28:32		-122.360	37.717	2088777.106	6023663.058		1950.803	RS-700	-1.24023031447
5710	9/12/2019 9:28:33		-122.360	37.717	2088777.143	6023663.030		2047.938	RS-700	-0.62931962264
5711	9/12/2019 9:28:34		-122.360	37.717	2088777.107	6023663.029		2066.846	RS-700	-0.51040069182
5712	9/12/2019 9:28:35		-122.360	37.717	2088777.107	6023663.029		2051.327	RS-700	-0.60800610063
5713	9/12/2019 9:28:36		-122.360	37.717	2088777.107	6023663.029		1969.991	RS-700	-1.11955264151
5714	9/12/2019 9:28:37		-122.360	37.717	2088777.143	6023663.030		2004.221	RS-700	-0.90427276730
5715	9/12/2019 9:28:38		-122.360	37.717	2088777.107	6023663.029		2011.622	RS-700	-0.85772182390
5716	9/12/2019 9:28:39		-122.360	37.717	2088777.107	6023663.029		2155.204	RS-700	0.04530528302
5717	9/12/2019 9:28:40		-122.360	37.717	2088777.107	6023663.029		2110.498	RS-700	-0.23585962264
5718	9/12/2019 9:28:41		-122.360	37.717	2088777.107	6023663.029		2041.837	RS-700	-0.66769018868
5719	9/12/2019 9:28:42		-122.360	37.717	2088777.107	6023663.029		1954.801	RS-700	-1.21509062893
5720	9/12/2019 9:28:43		-122.360	37.717	2088777.107	6023663.029		2054.947	RS-700	-0.58524188679
5721	9/12/2019 9:28:44		-122.360	37.717	2088777.107	6023663.029		2106.537	RS-700	-0.26077132076
5722	9/12/2019 9:28:45		-122.360	37.717	2088777.070	6023663.028		2044.734	RS-700	-0.64947201258
5723	9/12/2019 9:28:46		-122.360	37.717	2088777.070	6023663.028		2006.420	RS-700	-0.89044301887
5724	9/12/2019 9:28:47		-122.360	37.717	2088777.070	6023663.028		2095.649	RS-700	-0.32925081761
5725	9/12/2019 9:28:48		-122.360	37.717	2088777.070	6023663.028		2100.648	RS-700	-0.29781119497
5726	9/12/2019 9:28:49		-122.360	37.717	2088777.070	6023663.028		2099.741	RS-700	-0.30351647799
5727	9/12/2019 9:28:50		-122.360	37.717	2088777.070	6023663.028		2023.726	RS-700	-0.78159754717
5728	9/12/2019 9:28:51		-122.360	37.717	2088777.070	6023663.028		1986.420	RS-700	-1.01622459119
5729	9/12/2019 9:28:52		-122.360	37.717	2088777.070	6023663.057		2047.835	RS-700	-0.62996691824
5730	9/12/2019 9:28:53		-122.360	37.717	2088777.070	6023663.057		2105.175	RS-700	-0.26933729560
5731	9/12/2019 9:28:54		-122.360	37.717	2088777.070	6023663.057		2105.277	RS-700	-0.26869572327
5732	9/12/2019 9:28:55		-122.360	37.717	2088777.070	6023663.057		2015.233	RS-700	-0.83501000000
5733	9/12/2019 9:28:56		-122.360	37.717	2088777.070	6023663.057		2117.444	RS-700	-0.19217861635

Gamma Scan Survey Results
Survey Unit 4 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
5734	9/12/2019 9:28:57		-122.360	37.717	2088777.033	6023663.056		2073.750	RS-700	-0.46697874214
5735	9/12/2019 9:28:58		-122.360	37.717	2088777.070	6023663.057		2011.723	RS-700	-0.85708987421
5736	9/12/2019 9:28:59		-122.360	37.717	2088777.033	6023663.056		2046.839	RS-700	-0.63623150943
5737	9/12/2019 9:29:00		-122.360	37.717	2088777.070	6023663.057		1988.415	RS-700	-1.00368226415
5738	9/12/2019 9:29:01		-122.360	37.717	2088777.033	6023663.085		2001.820	RS-700	-0.91936805031
5739	9/12/2019 9:29:02		-122.360	37.717	2088777.033	6023663.085		2067.535	RS-700	-0.50607000000
5740	9/12/2019 9:29:03		-122.360	37.717	2088777.032	6023663.114		1986.917	RS-700	-1.01310031447
5741	9/12/2019 9:29:04		-122.360	37.717	2088777.033	6023663.085		2031.730	RS-700	-0.73125748428
5742	9/12/2019 9:29:05		-122.360	37.717	2088777.032	6023663.114		2021.727	RS-700	-0.79417018868
5743	9/12/2019 9:29:06		-122.360	37.717	2088777.032	6023663.114		2036.732	RS-700	-0.69979716981
5744	9/12/2019 9:29:07		-122.360	37.717	2088777.032	6023663.143		2038.626	RS-700	-0.68788408805
5745	9/12/2019 9:29:08		-122.360	37.717	2088777.068	6023663.144		2027.828	RS-700	-0.75579962264
5746	9/12/2019 9:29:09		-122.360	37.717	2088777.032	6023663.143		2114.973	RS-700	-0.20771654088
5747	9/12/2019 9:29:10		-122.360	37.717	2088777.032	6023663.143		2085.276	RS-700	-0.39449358491
5748	9/12/2019 9:29:11		-122.360	37.717	2088777.032	6023663.143		2069.635	RS-700	-0.49285880503
5749	9/12/2019 9:29:12		-122.360	37.717	2088777.068	6023663.144		1980.910	RS-700	-1.05087905660
5750	9/12/2019 9:29:13		-122.360	37.717	2088777.032	6023663.143		2038.446	RS-700	-0.68902069182
5751	9/12/2019 9:29:14		-122.360	37.717	2088777.068	6023663.144		2016.917	RS-700	-0.82442364780
5752	9/12/2019 9:29:15		-122.360	37.717	2088777.031	6023663.172		2006.908	RS-700	-0.88737182390
5753	9/12/2019 9:29:16		-122.360	37.717	2088777.068	6023663.173		2140.384	RS-700	-0.04789836478
5754	9/12/2019 9:29:17		-122.360	37.717	2088777.032	6023663.143		1975.107	RS-700	-1.08737528302
5755	9/12/2019 9:29:18		-122.360	37.717	2088777.032	6023663.143		2042.244	RS-700	-0.66513176101
5756	9/12/2019 9:29:19		-122.360	37.717	2088777.031	6023663.172		1970.916	RS-700	-1.11373276730
5757	9/12/2019 9:29:20		-122.360	37.717	2088776.995	6023663.142		2048.325	RS-700	-0.62688515723
5758	9/12/2019 9:29:21		-122.360	37.717	2088776.995	6023663.142		2015.628	RS-700	-0.83252786164
5759	9/12/2019 9:29:22		-122.360	37.717	2088776.995	6023663.142		1976.810	RS-700	-1.07666603774
5760	9/12/2019 9:29:23		-122.360	37.717	2088776.995	6023663.142		1949.704	RS-700	-1.24714301887
5761	9/12/2019 9:29:24		-122.360	37.717	2088776.995	6023663.142		2070.053	RS-700	-0.49023578616
5762	9/12/2019 9:29:25		-122.360	37.717	2088776.995	6023663.142		1978.804	RS-700	-1.06412597484
5763	9/12/2019 9:29:26		-122.360	37.717	2088776.959	6023663.142		2052.043	RS-700	-0.60350138365
5764	9/12/2019 9:29:27		-122.360	37.717	2088776.959	6023663.142		2117.079	RS-700	-0.19447100629
5765	9/12/2019 9:29:28		-122.360	37.717	2088776.995	6023663.142		2005.040	RS-700	-0.89912264151
5766	9/12/2019 9:29:29		-122.360	37.717	2088776.958	6023663.171		2074.433	RS-700	-0.46268484277
5767	9/12/2019 9:29:30		-122.360	37.717	2088776.995	6023663.171		1996.910	RS-700	-0.95025006289
5768	9/12/2019 9:29:31		-122.360	37.717	2088776.995	6023663.142		1992.621	RS-700	-0.97722591195
5769	9/12/2019 9:29:32		-122.360	37.717	2088776.995	6023663.142		2000.318	RS-700	-0.92881622642
5770	9/12/2019 9:29:33		-122.360	37.717	2088776.995	6023663.171		1993.916	RS-700	-0.96908477987
5771	9/12/2019 9:29:34		-122.360	37.717	2088776.995	6023663.171		2012.929	RS-700	-0.84950509434
5772	9/12/2019 9:29:35		-122.360	37.717	2088776.995	6023663.171		1991.619	RS-700	-0.98353100629
5773	9/12/2019 9:29:36		-122.360	37.717	2088776.995	6023663.142		2041.635	RS-700	-0.66896389937
5774	9/12/2019 9:29:37		-122.360	37.717	2088777.031	6023663.172		2029.839	RS-700	-0.74315345912
5775	9/12/2019 9:29:38		-122.360	37.717	2088777.031	6023663.172		2018.525	RS-700	-0.81430779874
5776	9/12/2019 9:29:39		-122.360	37.717	2088777.031	6023663.172		2089.751	RS-700	-0.36634767296
5777	9/12/2019 9:29:40		-122.360	37.717	2088777.031	6023663.172		2116.442	RS-700	-0.19847874214
5778	9/12/2019 9:29:41		-122.360	37.717	2088777.032	6023663.143		1978.512	RS-700	-1.06596062893
5779	9/12/2019 9:29:42		-122.360	37.717	2088777.032	6023663.143		2047.225	RS-700	-0.63380333333
5780	9/12/2019 9:29:43		-122.360	37.717	2088776.920	6023663.285		2037.935	RS-700	-0.69223226415
5781	9/12/2019 9:29:44		-122.360	37.717	2088776.323	6023663.997		1989.416	RS-700	-0.99738553459
5782	9/12/2019 9:29:45		-122.360	37.717	2088775.352	6023665.193		1955.706	RS-700	-1.20939735849
5783	9/12/2019 9:29:46		-122.360	37.717	2088774.237	6023666.328		2051.737	RS-700	-0.60542465409
5784	9/12/2019 9:29:47		-122.360	37.717	2088773.083	6023667.578		2118.292	RS-700	-0.18684421384
5785	9/12/2019 9:29:48		-122.360	37.717	2088771.709	6023668.910		2053.050	RS-700	-0.59717012579
5786	9/12/2019 9:29:49		-122.360	37.717	2088770.517	6023670.275		1975.000	RS-700	-1.08805037736
5787	9/12/2019 9:29:50		-122.360	37.717	2088769.281	6023671.986		1983.621	RS-700	-1.03382993711
5788	9/12/2019 9:29:51		-122.360	37.717	2088768.265	6023673.644		2000.019	RS-700	-0.93069641509
5789	9/12/2019 9:29:52		-122.360	37.717	2088767.286	6023675.216		2009.619	RS-700	-0.87032012579
5790	9/12/2019 9:29:53		-122.360	37.717	2088766.348	6023676.615		2069.646	RS-700	-0.49278974843
5791	9/12/2019 9:29:54		-122.360	37.717	2088765.373	6023678.013		2008.626	RS-700	-0.87656553459
5792	9/12/2019 9:29:55		-122.360	37.717	2088764.401	6023679.296		1980.816	RS-700	-1.05147459119
5793	9/12/2019 9:29:56		-122.360	37.717	2088763.689	6023680.294		1993.517	RS-700	-0.97159339623
5794	9/12/2019 9:29:57		-122.360	37.717	2088763.091	6023681.092		2080.946	RS-700	-0.42172106918

Gamma Scan Survey Results
Survey Unit 4 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
5795	9/12/2019 9:29:58		-122.360	37.717	2088762.756	6023681.462		2047.842	RS-700	-0.62992238994
5796	9/12/2019 9:29:59		-122.360	37.717	2088762.011	6023682.286		1939.090	RS-700	-1.31390132075
5797	9/12/2019 9:30:00		-122.360	37.717	2088761.081	6023683.251		2049.947	RS-700	-0.61668773585
5798	9/12/2019 9:30:01		-122.360	37.717	2088759.610	6023683.974		1891.964	RS-700	-1.61028874214
5799	9/12/2019 9:30:02		-122.360	37.717	2088759.001	6023685.322		2001.419	RS-700	-0.92189578616
5800	9/12/2019 9:30:03		-122.360	37.717	2088757.965	6023686.111		2095.635	RS-700	-0.32934100629
5801	9/12/2019 9:30:04		-122.360	37.717	2088757.087	6023686.296		1939.406	RS-700	-1.31190937107
5802	9/12/2019 9:30:05		-122.360	37.717	2088757.050	6023686.353		2045.938	RS-700	-0.64190106918
5803	9/12/2019 9:30:06		-122.360	37.717	2088757.050	6023686.353		2027.915	RS-700	-0.75525308176
5804	9/12/2019 9:30:07		-122.360	37.717	2088757.014	6023686.324		2029.626	RS-700	-0.74449264151
5805	9/12/2019 9:30:08		-122.360	37.717	2088756.939	6023686.409		1913.877	RS-700	-1.47246905660
5806	9/12/2019 9:30:09		-122.360	37.717	2088756.154	6023687.435		2006.016	RS-700	-0.89297911950
5807	9/12/2019 9:30:10		-122.360	37.717	2088755.031	6023689.004		2037.232	RS-700	-0.69665113208
5808	9/12/2019 9:30:11		-122.360	37.717	2088753.720	6023690.800		1945.504	RS-700	-1.27356150943
5809	9/12/2019 9:30:12		-122.360	37.717	2088752.843	6023692.808		2009.420	RS-700	-0.87157383648
5810	9/12/2019 9:30:13		-122.360	37.717	2088751.754	6023694.435		2012.036	RS-700	-0.85512264151
5811	9/12/2019 9:30:14		-122.360	37.717	2088750.707	6023695.832		1759.543	RS-700	-2.44312792453
5812	9/12/2019 9:30:15		-122.360	37.717	2088749.734	6023697.144		1070.222	RS-700	-6.77847886792
5813	9/12/2019 9:30:16		-122.360	37.717	2088748.948	6023698.169		816.171	RS-700	-8.37628471698
5814	9/12/2019 9:30:17		-122.360	37.717	2088747.866	6023699.479		959.154	RS-700	-7.47702062893
5815	9/12/2019 9:30:18		-122.360	37.717	2088746.311	6023700.779		1515.480	RS-700	-3.97811251572
5816	9/12/2019 9:30:19		-122.360	37.717	2088745.189	6023702.261		1864.578	RS-700	-1.78252748428
5817	9/12/2019 9:30:20		-122.360	37.717	2088744.775	6023702.918		1946.795	RS-700	-1.26544031447
5818	9/12/2019 9:30:21		-122.360	37.717	2088744.738	6023702.975		1950.701	RS-700	-1.24087389937
5819	9/12/2019 9:30:22		-122.360	37.717	2088745.099	6023703.098		2014.124	RS-700	-0.84198446541
5820	9/12/2019 9:30:23		-122.360	37.717	2088745.213	6023702.898		1897.169	RS-700	-1.57755295597
5821	9/12/2019 9:30:24		-122.360	37.717	2088745.514	6023702.412		1804.376	RS-700	-2.16115446541
5822	9/12/2019 9:30:25		-122.360	37.717	2088745.179	6023702.752		1968.519	RS-700	-1.12880987421
5823	9/12/2019 9:30:26		-122.360	37.717	2088743.854	6023703.478		2019.737	RS-700	-0.80668440252
5824	9/12/2019 9:30:27		-122.360	37.717	2088742.822	6023704.094		1964.401	RS-700	-1.15471169811
5825	9/12/2019 9:30:28		-122.360	37.717	2088741.791	6023704.652		1958.314	RS-700	-1.19299610063
5826	9/12/2019 9:30:29		-122.360	37.717	2088741.832	6023704.422		1809.755	RS-700	-2.12732855346
5827	9/12/2019 9:30:30		-122.360	37.717	2088741.241	6023704.844		1718.123	RS-700	-2.70363056604
5828	9/12/2019 9:30:31		-122.360	37.717	2088740.577	6023705.265		1586.524	RS-700	-3.53129861635
5829	9/12/2019 9:30:32		-122.360	37.717	2088740.643	6023705.613		1563.611	RS-700	-3.67540540881
5830	9/12/2019 9:30:33		-122.360	37.717	2088740.422	6023705.724		1584.270	RS-700	-3.54547201258
5831	9/12/2019 9:30:34		-122.360	37.717	2088739.712	6023706.607		1484.461	RS-700	-4.17320415094
5832	9/12/2019 9:30:35		-122.360	37.717	2088739.034	6023707.751		1567.723	RS-700	-3.64953880503
5833	9/12/2019 9:30:36		-122.360	37.717	2088738.655	6023708.524		1612.663	RS-700	-3.36690213836
5834	9/12/2019 9:30:37		-122.360	37.717	2088738.693	6023708.409		1609.249	RS-700	-3.38836849057
5835	9/12/2019 9:30:38		-122.360	37.717	2088738.275	6023709.298		1963.609	RS-700	-1.15969459119
5836	9/12/2019 9:30:39		-122.360	37.717	2088737.525	6023710.382		1943.797	RS-700	-1.28429522013
5837	9/12/2019 9:30:40		-122.360	37.717	2088736.739	6023711.437		1908.861	RS-700	-1.50402100629
5838	9/12/2019 9:30:41		-122.360	37.717	2088735.985	6023712.724		2088.071	RS-700	-0.37690924528
5839	9/12/2019 9:30:42		-122.360	37.717	2088735.156	6023714.125		1998.521	RS-700	-0.94011641509
5840	9/12/2019 9:30:43		-122.360	37.717	2088734.401	6023715.470		1995.316	RS-700	-0.96027974843
5841	9/12/2019 9:30:44		-122.360	37.717	2088733.609	6023716.872		2031.038	RS-700	-0.73560830189
5842	9/12/2019 9:30:45		-122.360	37.717	2088732.592	6023718.530		2035.139	RS-700	-0.70981968554
5843	9/12/2019 9:30:46		-122.360	37.717	2088731.615	6023720.072		1962.509	RS-700	-1.16660943396
5844	9/12/2019 9:30:47		-122.360	37.717	2088730.594	6023721.933		2042.050	RS-700	-0.66635270440
5845	9/12/2019 9:30:48		-122.360	37.717	2088729.318	6023723.846		2043.948	RS-700	-0.65441289308
5846	9/12/2019 9:30:49		-122.360	37.717	2088728.192	6023725.530		2022.525	RS-700	-0.78915132076
5847	9/12/2019 9:30:50		-122.360	37.717	2088727.145	6023726.927		2084.745	RS-700	-0.39783100629
5848	9/12/2019 9:30:51		-122.360	37.717	2088726.132	6023728.411		2048.743	RS-700	-0.62425566038
5849	9/12/2019 9:30:52		-122.360	37.717	2088724.899	6023729.978		2037.093	RS-700	-0.69752522013
5850	9/12/2019 9:30:53		-122.360	37.717	2088723.156	6023731.534		1919.595	RS-700	-1.43651163522
5851	9/12/2019 9:30:54		-122.360	37.717	2088722.277	6023733.600		2038.149	RS-700	-0.69088729560
5852	9/12/2019 9:30:55		-122.360	37.717	2088720.496	6023735.300		2073.956	RS-700	-0.46568603774
5853	9/12/2019 9:30:56		-122.360	37.717	2088719.185	6023737.126		2099.196	RS-700	-0.30694289308
5854	9/12/2019 9:30:57		-122.360	37.717	2088717.948	6023738.895		2047.652	RS-700	-0.63112000000
5855	9/12/2019 9:30:58		-122.360	37.717	2088716.674	6023740.692		2019.728	RS-700	-0.80673955975

Gamma Scan Survey Results
Survey Unit 4 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
5856	9/12/2019 9:30:59		-122.360	37.717	2088715.181	6023742.485		1999.419	RS-700	-0.93447132076
5857	9/12/2019 9:31:00		-122.360	37.717	2088713.614	6023744.392		1973.084	RS-700	-1.10010377358
5858	9/12/2019 9:31:01		-122.360	37.717	2088712.084	6023746.243		2011.525	RS-700	-0.85833553459
5859	9/12/2019 9:31:02		-122.360	37.717	2088710.701	6023748.038		2037.637	RS-700	-0.69410459120
5860	9/12/2019 9:31:03		-122.360	37.717	2088709.207	6023749.888		2050.048	RS-700	-0.61605000000
5861	9/12/2019 9:31:04		-122.360	37.717	2088707.673	6023751.970		1961.095	RS-700	-1.17550371069
5862	9/12/2019 9:31:05		-122.360	37.717	2088706.574	6023754.089		1969.706	RS-700	-1.12134352201
5863	9/12/2019 9:31:06		-122.360	37.717	2088704.892	6023756.254		2032.425	RS-700	-0.72688572327
5864	9/12/2019 9:31:07		-122.360	37.717	2088703.650	6023758.284		1994.636	RS-700	-0.96455345912
5865	9/12/2019 9:31:08		-122.360	37.717	2088702.414	6023760.024		2020.335	RS-700	-0.80292452830
5866	9/12/2019 9:31:09		-122.360	37.717	2088701.032	6023761.761		2011.723	RS-700	-0.85709000000
5867	9/12/2019 9:31:10		-122.360	37.716	2088699.723	6023763.500		1943.700	RS-700	-1.28490660377
5868	9/12/2019 9:31:11		-122.360	37.716	2088698.560	6023765.213		2031.731	RS-700	-0.73125150943
5869	9/12/2019 9:31:12		-122.360	37.716	2088697.323	6023766.953		2125.666	RS-700	-0.14046433962
5870	9/12/2019 9:31:13		-122.360	37.716	2088696.014	6023768.692		2105.094	RS-700	-0.26984911950
5871	9/12/2019 9:31:14		-122.360	37.716	2088694.629	6023770.573		2058.927	RS-700	-0.56020849057
5872	9/12/2019 9:31:15		-122.360	37.716	2088693.350	6023772.602		2177.780	RS-700	0.18729603774
5873	9/12/2019 9:31:16		-122.360	37.716	2088692.075	6023774.486		2065.778	RS-700	-0.51712264151
5874	9/12/2019 9:31:17		-122.360	37.716	2088690.803	6023776.197		2015.425	RS-700	-0.83380540881
5875	9/12/2019 9:31:18		-122.360	37.716	2088689.601	6023778.024		2147.775	RS-700	-0.00141742138
5876	9/12/2019 9:31:19		-122.360	37.716	2088688.397	6023779.939		2185.114	RS-700	0.23342415094
5877	9/12/2019 9:31:20		-122.360	37.716	2088687.045	6023782.024		2159.642	RS-700	0.07322295597
5878	9/12/2019 9:31:21		-122.360	37.716	2088685.800	6023784.169		2125.972	RS-700	-0.13854012579
5879	9/12/2019 9:31:22		-122.360	37.716	2088684.526	6023785.995		2048.842	RS-700	-0.62363654088
5880	9/12/2019 9:31:23		-122.360	37.716	2088683.557	6023787.075		2133.863	RS-700	-0.08890911950
5881	9/12/2019 9:31:24		-122.360	37.716	2088682.738	6023787.985		2116.767	RS-700	-0.23235384164
5882	9/12/2019 9:31:25		-122.360	37.716	2088681.001	6023789.252		2172.115	RS-700	-0.07004519062
5883	9/12/2019 9:31:26		-122.360	37.716	2088679.772	6023790.645		2338.727	RS-700	0.41855381232
5884	9/12/2019 9:31:27		-122.360	37.716	2088678.174	6023792.234		2463.131	RS-700	0.78337636364
5885	9/12/2019 9:31:28		-122.360	37.716	2088676.611	6023793.938		2295.596	RS-700	0.29206958944
5886	9/12/2019 9:31:29		-122.360	37.716	2088675.379	6023795.447		1825.567	RS-700	-1.08631489736
5887	9/12/2019 9:31:30		-122.360	37.716	2088674.108	6023797.071		1569.324	RS-700	-1.83776008798
5888	9/12/2019 9:31:31		-122.360	37.716	2088672.579	6023798.892		2211.020	RS-700	0.04404818182
5889	9/12/2019 9:31:32		-122.360	37.716	2088671.544	6023801.504		2408.708	RS-700	0.62377794721
5890	9/12/2019 9:31:33		-122.360	37.716	2088669.453	6023804.096		2216.577	RS-700	0.43129974843
5891	9/12/2019 9:31:34		-122.360	37.716	2088667.763	6023806.637		2041.141	RS-700	-0.67206754717
5892	9/12/2019 9:31:35		-122.360	37.716	2088666.194	6023808.660		2102.863	RS-700	-0.28387748428
5893	9/12/2019 9:31:36		-122.360	37.716	2088663.911	6023809.916		2051.428	RS-700	-0.60736849057
5894	9/12/2019 9:31:37		-122.360	37.716	2088662.640	6023811.569		2078.751	RS-700	-0.43552685535
5895	9/12/2019 9:31:38		-122.360	37.716	2088662.201	6023813.498		2081.641	RS-700	-0.41735364780
5896	9/12/2019 9:31:39		-122.360	37.716	2088660.926	6023815.325		2063.336	RS-700	-0.53248000000
5897	9/12/2019 9:31:40		-122.360	37.716	2088659.653	6023817.064		2083.753	RS-700	-0.40407144654
5898	9/12/2019 9:31:41		-122.360	37.716	2088658.530	6023818.633		2148.778	RS-700	0.00489603774
5899	9/12/2019 9:31:42		-122.360	37.716	2088657.371	6023820.114		2113.850	RS-700	-0.21478301887
5900	9/12/2019 9:31:43		-122.360	37.716	2088656.103	6023821.623		2052.324	RS-700	-0.60173773585
5901	9/12/2019 9:31:44		-122.360	37.716	2088654.869	6023823.247		2076.259	RS-700	-0.45120163522
5902	9/12/2019 9:31:45		-122.360	37.716	2088654.082	6023824.360		2074.941	RS-700	-0.45949012579
5903	9/12/2019 9:31:46		-122.360	37.716	2088653.894	6023824.645		2049.334	RS-700	-0.62054031447
5904	9/12/2019 9:31:47		-122.360	37.716	2088653.932	6023824.588		2022.033	RS-700	-0.79224742138
5905	9/12/2019 9:31:48		-122.360	37.716	2088653.895	6023824.616		2102.540	RS-700	-0.28591427673
5906	9/12/2019 9:31:49		-122.360	37.716	2088653.371	6023825.329		1997.619	RS-700	-0.94579119497
5907	9/12/2019 9:31:50		-122.360	37.716	2088652.250	6023826.754		2081.648	RS-700	-0.41730559748
5908	9/12/2019 9:31:51		-122.360	37.716	2088651.131	6023828.091		2008.024	RS-700	-0.88035314465
5909	9/12/2019 9:31:52		-122.360	37.716	2088649.750	6023829.770		2096.545	RS-700	-0.32361371069
5910	9/12/2019 9:31:53		-122.360	37.716	2088648.183	6023831.620		2109.866	RS-700	-0.23983522013
5911	9/12/2019 9:31:54		-122.360	37.716	2088646.692	6023833.384		2088.236	RS-700	-0.37587672956
5912	9/12/2019 9:31:55		-122.360	37.716	2088645.164	6023835.118		2228.804	RS-700	0.50819849057
5913	9/12/2019 9:31:56		-122.360	37.716	2088644.192	6023836.372		2060.749	RS-700	-0.54875144654
5914	9/12/2019 9:31:57		-122.360	37.716	2088643.969	6023836.628		2171.678	RS-700	0.14891591195
5915	9/12/2019 9:31:58		-122.360	37.716	2088643.856	6023836.770		2049.361	RS-700	-0.62036867925
5916	9/12/2019 9:31:59		-122.360	37.716	2088643.857	6023836.741		2134.535	RS-700	-0.08468509434

Gamma Scan Survey Results
Survey Unit 4 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
5917	9/12/2019 9:32:00		-122.360	37.716	2088643.857	6023836.741		1999.619	RS-700	-0.93321283019
5918	9/12/2019 9:32:01		-122.360	37.716	2088643.857	6023836.741		2052.061	RS-700	-0.60339194969
5919	9/12/2019 9:32:02		-122.360	37.716	2088643.857	6023836.741		2034.739	RS-700	-0.71233113208
5920	9/12/2019 9:32:03		-122.360	37.716	2088643.857	6023836.741		2188.116	RS-700	0.25229924528
5921	9/12/2019 9:32:04		-122.360	37.716	2088643.857	6023836.741		2101.756	RS-700	-0.29084358491
5922	9/12/2019 9:32:05		-122.360	37.716	2088643.857	6023836.741		2021.831	RS-700	-0.79351446541
5923	9/12/2019 9:32:06		-122.360	37.716	2088643.893	6023836.771		2052.646	RS-700	-0.59971176101
5924	9/12/2019 9:32:07		-122.360	37.716	2088643.893	6023836.771		2188.234	RS-700	0.25304704403
5925	9/12/2019 9:32:08		-122.360	37.716	2088643.929	6023836.772		2076.966	RS-700	-0.44675408805
5926	9/12/2019 9:32:09		-122.360	37.716	2088643.893	6023836.771		2074.960	RS-700	-0.45937308176
5927	9/12/2019 9:32:10		-122.360	37.716	2088643.929	6023836.772		2130.978	RS-700	-0.10705389937
5928	9/12/2019 9:32:11		-122.360	37.716	2088643.892	6023836.800		2028.740	RS-700	-0.75006182390
5929	9/12/2019 9:32:12		-122.360	37.716	2088643.631	6023837.142		2024.210	RS-700	-0.77855301887
5930	9/12/2019 9:32:13		-122.360	37.716	2088642.510	6023838.566		1984.417	RS-700	-1.02882484277
5931	9/12/2019 9:32:14		-122.360	37.716	2088641.426	6023839.962		1921.497	RS-700	-1.42454616352
5932	9/12/2019 9:32:15		-122.360	37.716	2088640.605	6023840.930		1637.512	RS-700	-3.21061345912
5933	9/12/2019 9:32:16		-122.360	37.716	2088639.676	6023841.866		1066.116	RS-700	-6.80429893082
5934	9/12/2019 9:32:17		-122.359	37.716	2088639.044	6023842.548		954.104	RS-700	-7.50877968553
5935	9/12/2019 9:32:18		-122.359	37.716	2088638.257	6023843.660		805.087	RS-700	-8.44599509434
5936	9/12/2019 9:32:19		-122.359	37.716	2088637.179	6023844.767		1105.179	RS-700	-6.55862358491
5937	9/12/2019 9:32:20		-122.359	37.716	2088636.239	6023846.253		1764.456	RS-700	-2.41222572327
5938	9/12/2019 9:32:21		-122.359	37.716	2088635.700	6023847.718		1929.276	RS-700	-1.37562238994
5939	9/12/2019 9:32:22		-122.359	37.716	2088635.533	6023848.785		2110.754	RS-700	-0.23425289308
5940	9/12/2019 9:32:23		-122.359	37.716	2088635.550	6023849.769		2035.344	RS-700	-0.70853144654
5941	9/12/2019 9:32:24		-122.359	37.716	2088635.675	6023850.784		2057.635	RS-700	-0.56833132076
5942	9/12/2019 9:32:25		-122.359	37.716	2088635.757	6023852.145		2054.128	RS-700	-0.59039207547
5943	9/12/2019 9:32:26		-122.359	37.716	2088635.509	6023853.645		2100.170	RS-700	-0.30081905660
5944	9/12/2019 9:32:27		-122.359	37.716	2088634.931	6023855.253		2042.042	RS-700	-0.66640188679
5945	9/12/2019 9:32:28		-122.359	37.716	2088633.994	6023856.594		1980.206	RS-700	-1.05530685535
5946	9/12/2019 9:32:29		-122.359	37.716	2088632.916	6023857.672		2014.826	RS-700	-0.83757213837
5947	9/12/2019 9:32:30		-122.359	37.716	2088631.807	6023858.489		1982.614	RS-700	-1.04016635220
5948	9/12/2019 9:32:31		-122.359	37.716	2088630.628	6023859.189		1982.911	RS-700	-1.03829484277
5949	9/12/2019 9:32:32		-122.359	37.716	2088629.707	6023859.692		2053.261	RS-700	-0.59584000000
5950	9/12/2019 9:32:33		-122.359	37.716	2088629.120	6023859.911		1960.802	RS-700	-1.17734308176
5951	9/12/2019 9:32:34		-122.359	37.716	2088628.863	6023860.051		2041.065	RS-700	-0.67254798742
5952	9/12/2019 9:32:35		-122.359	37.716	2088628.715	6023860.135		2043.826	RS-700	-0.65518006289
5953	9/12/2019 9:32:36		-122.359	37.716	2088628.384	6023860.302		2017.026	RS-700	-0.82373496855
5954	9/12/2019 9:32:37		-122.359	37.716	2088628.310	6023860.387		2003.821	RS-700	-0.90678893082
5955	9/12/2019 9:32:38		-122.359	37.716	2088628.198	6023860.501		1998.415	RS-700	-0.94078729560
5956	9/12/2019 9:32:39		-122.359	37.716	2088628.162	6023860.500		2027.832	RS-700	-0.75577509434
5957	9/12/2019 9:32:40		-122.359	37.716	2088628.198	6023860.501		2033.530	RS-700	-0.71993710692
5958	9/12/2019 9:32:41		-122.359	37.716	2088628.161	6023860.529		2021.525	RS-700	-0.79543930818
5959	9/12/2019 9:32:42		-122.359	37.716	2088628.198	6023860.529		2019.832	RS-700	-0.80609062893
5960	9/12/2019 9:32:43		-122.359	37.716	2088628.161	6023860.529		1944.798	RS-700	-1.27800314465
5961	9/12/2019 9:32:44		-122.359	37.716	2088628.235	6023860.501		2014.142	RS-700	-0.84187264151
5962	9/12/2019 9:32:45		-122.359	37.716	2088628.381	6023860.446		1974.810	RS-700	-1.08924446541
5963	9/12/2019 9:32:46		-122.359	37.716	2088628.418	6023860.447		1987.415	RS-700	-1.00996628931
5964	9/12/2019 9:32:47		-122.359	37.716	2088628.418	6023860.447		2049.536	RS-700	-0.61926805031
5965	9/12/2019 9:32:48		-122.359	37.716	2088628.455	6023860.419		2024.422	RS-700	-0.77721805031
5966	9/12/2019 9:32:49		-122.359	37.716	2088628.454	6023860.448		2017.335	RS-700	-0.82179352201
5967	9/12/2019 9:32:50		-122.359	37.716	2088628.454	6023860.448		1979.316	RS-700	-1.06090396226
5968	9/12/2019 9:32:51		-122.359	37.716	2088628.639	6023860.336		2051.516	RS-700	-0.60681924528
5969	9/12/2019 9:32:52		-122.359	37.716	2088628.602	6023860.335		2018.929	RS-700	-0.81176528302
5970	9/12/2019 9:32:53		-122.359	37.716	2088628.639	6023860.336		2006.019	RS-700	-0.89296056604
5971	9/12/2019 9:32:54		-122.359	37.716	2088628.638	6023860.365		2053.945	RS-700	-0.59153805031
5972	9/12/2019 9:32:55		-122.359	37.716	2088628.602	6023860.364		1984.011	RS-700	-1.03137874214
5973	9/12/2019 9:32:56		-122.359	37.716	2088628.638	6023860.365		1985.919	RS-700	-1.01937823899
5974	9/12/2019 9:32:57		-122.359	37.716	2088628.637	6023860.394		2007.528	RS-700	-0.88347144654
5975	9/12/2019 9:32:58		-122.359	37.716	2088628.637	6023860.394		2003.017	RS-700	-0.91184421384
5976	9/12/2019 9:32:59		-122.359	37.716	2088628.637	6023860.394		1957.194	RS-700	-1.20003477987
5977	9/12/2019 9:33:00		-122.359	37.716	2088628.674	6023860.394		2094.752	RS-700	-0.33489276730

Gamma Scan Survey Results
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SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
5978	9/12/2019 9:33:01		-122.359	37.716	2088628.673	6023860.423		1980.416	RS-700	-1.05399025157
5979	9/12/2019 9:33:02		-122.359	37.716	2088628.637	6023860.422		2001.934	RS-700	-0.91865496855
5980	9/12/2019 9:33:03		-122.359	37.716	2088628.673	6023860.452		2020.729	RS-700	-0.80044358491
5981	9/12/2019 9:33:04		-122.359	37.716	2088628.673	6023860.452		2010.023	RS-700	-0.86777748428
5982	9/12/2019 9:33:05		-122.359	37.716	2088628.636	6023860.480		1968.507	RS-700	-1.12888522013
5983	9/12/2019 9:33:06		-122.359	37.716	2088628.636	6023860.480		1986.514	RS-700	-1.01563245283
5984	9/12/2019 9:33:07		-122.359	37.716	2088628.635	6023860.509		1965.099	RS-700	-1.15032163522
5985	9/12/2019 9:33:08		-122.359	37.716	2088628.671	6023860.510		2006.223	RS-700	-0.89168125786
5986	9/12/2019 9:33:09		-122.359	37.716	2088628.671	6023860.539		2034.836	RS-700	-0.71172540881
5987	9/12/2019 9:33:10		-122.359	37.716	2088628.671	6023860.539		1968.005	RS-700	-1.13204572327
5988	9/12/2019 9:33:11		-122.359	37.716	2088628.634	6023860.567		1960.608	RS-700	-1.17856515723
5989	9/12/2019 9:33:12		-122.359	37.716	2088628.634	6023860.567		2011.734	RS-700	-0.85702037736
5990	9/12/2019 9:33:13		-122.359	37.716	2088628.670	6023860.568		1961.404	RS-700	-1.17356088050
5991	9/12/2019 9:33:14		-122.359	37.716	2088628.670	6023860.568		2033.629	RS-700	-0.71931295598
5992	9/12/2019 9:33:15		-122.359	37.716	2088628.670	6023860.597		1939.698	RS-700	-1.31007283019
5993	9/12/2019 9:33:16		-122.359	37.716	2088628.670	6023860.597		1927.692	RS-700	-1.38558238994
5994	9/12/2019 9:33:17		-122.359	37.716	2088628.669	6023860.626		2012.022	RS-700	-0.85520823899
5995	9/12/2019 9:33:18		-122.359	37.716	2088628.706	6023860.626		1970.915	RS-700	-1.11374327044
5996	9/12/2019 9:33:19		-122.359	37.716	2088628.669	6023860.626		1942.549	RS-700	-1.29214616352
5997	9/12/2019 9:33:20		-122.359	37.716	2088628.706	6023860.626		2024.821	RS-700	-0.77470899371
5998	9/12/2019 9:33:21		-122.359	37.716	2088628.669	6023860.655		2038.744	RS-700	-0.68714610063
5999	9/12/2019 9:33:22		-122.359	37.716	2088628.704	6023860.684		2009.705	RS-700	-0.86977754717
6000	9/12/2019 9:33:23		-122.359	37.716	2088628.668	6023860.683		1928.505	RS-700	-1.38047188679
6001	9/12/2019 9:33:24		-122.359	37.716	2088628.704	6023860.684		2019.619	RS-700	-0.80742761006
6002	9/12/2019 9:33:25		-122.359	37.716	2088628.630	6023860.741		1965.706	RS-700	-1.14650025157
6003	9/12/2019 9:33:26		-122.359	37.716	2088628.446	6023860.853		1988.721	RS-700	-1.00175465409
6004	9/12/2019 9:33:27		-122.359	37.716	2088627.743	6023861.417		1974.805	RS-700	-1.08927949686
6005	9/12/2019 9:33:28		-122.359	37.716	2088626.963	6023862.183		1996.626	RS-700	-0.95203672956
6006	9/12/2019 9:33:29		-122.359	37.716	2088626.068	6023863.236		2071.746	RS-700	-0.47958767296
6007	9/12/2019 9:33:30		-122.359	37.716	2088624.874	6023864.658		2061.743	RS-700	-0.54249937107
6008	9/12/2019 9:33:31		-122.359	37.716	2088623.305	6023866.652		2069.948	RS-700	-0.49089515723
6009	9/12/2019 9:33:32		-122.359	37.716	2088621.732	6023868.849		2140.877	RS-700	-0.04480106918
6010	9/12/2019 9:33:33		-122.359	37.716	2088620.341	6023871.020		2093.069	RS-700	-0.34547584906
6011	9/12/2019 9:33:34		-122.359	37.716	2088619.246	6023872.994		2050.533	RS-700	-0.61299987421
6012	9/12/2019 9:33:35		-122.359	37.716	2088618.226	6023874.855		2040.226	RS-700	-0.67782440252
6013	9/12/2019 9:33:36		-122.359	37.716	2088617.244	6023876.600		1988.614	RS-700	-1.00243037736
6014	9/12/2019 9:33:37		-122.359	37.716	2088616.119	6023878.226		2062.164	RS-700	-0.53985075472
6015	9/12/2019 9:33:38		-122.359	37.716	2088615.221	6023879.453		2011.328	RS-700	-0.85957264151
6016	9/12/2019 9:33:39		-122.359	37.716	2088614.846	6023879.995		2077.275	RS-700	-0.44480930818
6017	9/12/2019 9:33:40		-122.359	37.716	2088614.845	6023880.024		2061.843	RS-700	-0.54186886793
6018	9/12/2019 9:33:41		-122.359	37.716	2088614.846	6023879.995		2100.297	RS-700	-0.30001949686
6019	9/12/2019 9:33:42		-122.359	37.716	2088614.846	6023879.995		2031.838	RS-700	-0.73058050315
6020	9/12/2019 9:33:43		-122.359	37.716	2088614.846	6023879.995		2156.314	RS-700	0.05229188679
6021	9/12/2019 9:33:44		-122.359	37.716	2088614.846	6023879.995		2054.643	RS-700	-0.58715044025
6022	9/12/2019 9:33:45		-122.359	37.716	2088614.846	6023879.995		2094.754	RS-700	-0.33488062893
6023	9/12/2019 9:33:46		-122.359	37.716	2088614.846	6023879.995		2062.539	RS-700	-0.53748842767
6024	9/12/2019 9:33:47		-122.359	37.716	2088614.846	6023879.995		2091.961	RS-700	-0.35244522013
6025	9/12/2019 9:33:48		-122.359	37.716	2088614.882	6023879.996		2059.637	RS-700	-0.55574276730
6026	9/12/2019 9:33:49		-122.359	37.716	2088614.846	6023879.995		2020.337	RS-700	-0.80291075472
6027	9/12/2019 9:33:50		-122.359	37.716	2088614.882	6023879.996		2077.538	RS-700	-0.44315559748
6028	9/12/2019 9:33:51		-122.359	37.716	2088614.882	6023879.996		2030.325	RS-700	-0.74009446541
6029	9/12/2019 9:33:52		-122.359	37.716	2088614.882	6023879.996		2045.839	RS-700	-0.64252371069
6030	9/12/2019 9:33:53		-122.359	37.716	2088614.882	6023879.996		2098.867	RS-700	-0.30901132076
6031	9/12/2019 9:33:54		-122.359	37.716	2088614.882	6023879.996		2011.316	RS-700	-0.85964691824
6032	9/12/2019 9:33:55		-122.359	37.716	2088614.882	6023879.996		2056.152	RS-700	-0.57766006289
6033	9/12/2019 9:33:56		-122.359	37.716	2088614.883	6023879.967		1999.917	RS-700	-0.93133685535
6034	9/12/2019 9:33:57		-122.359	37.716	2088614.919	6023879.967		2164.673	RS-700	0.10486383648
6035	9/12/2019 9:33:58		-122.359	37.716	2088614.919	6023879.967		2040.434	RS-700	-0.67651685535
6036	9/12/2019 9:33:59		-122.359	37.716	2088614.919	6023879.967		2074.173	RS-700	-0.46431918239
6037	9/12/2019 9:34:00		-122.359	37.716	2088614.919	6023879.967		2041.426	RS-700	-0.67027484277
6038	9/12/2019 9:34:01		-122.359	37.716	2088614.920	6023879.938		2106.967	RS-700	-0.25806817610

Gamma Scan Survey Results
Survey Unit 4 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
6039	9/12/2019 9:34:02		-122.359	37.716	2088614.920	6023879.938		2093.464	RS-700	-0.34299452830
6040	9/12/2019 9:34:03		-122.359	37.716	2088614.920	6023879.938		2041.735	RS-700	-0.66833301887
6041	9/12/2019 9:34:04		-122.359	37.716	2088614.920	6023879.938		2071.056	RS-700	-0.48392540881
6042	9/12/2019 9:34:05		-122.359	37.716	2088614.920	6023879.938		2153.885	RS-700	0.03701396226
6043	9/12/2019 9:34:06		-122.359	37.716	2088614.920	6023879.938		2065.060	RS-700	-0.52163327044
6044	9/12/2019 9:34:07		-122.359	37.716	2088614.920	6023879.938		2058.838	RS-700	-0.56076905660
6045	9/12/2019 9:34:08		-122.359	37.716	2088614.957	6023879.910		2053.529	RS-700	-0.59416025157
6046	9/12/2019 9:34:09		-122.359	37.716	2088614.920	6023879.910		2099.066	RS-700	-0.30776232704
6047	9/12/2019 9:34:10		-122.359	37.716	2088614.956	6023879.939		2054.639	RS-700	-0.58717540881
6048	9/12/2019 9:34:11		-122.359	37.716	2088614.957	6023879.910		2083.053	RS-700	-0.40846930818
6049	9/12/2019 9:34:12		-122.359	37.716	2088614.957	6023879.910		2061.742	RS-700	-0.54250345912
6050	9/12/2019 9:34:13		-122.359	37.716	2088614.957	6023879.910		2051.732	RS-700	-0.60545698113
6051	9/12/2019 9:34:14		-122.359	37.716	2088614.957	6023879.910		2158.687	RS-700	0.06721509434
6052	9/12/2019 9:34:15		-122.359	37.716	2088614.957	6023879.881		2066.744	RS-700	-0.51104106918
6053	9/12/2019 9:34:16		-122.359	37.716	2088614.957	6023879.910		2101.287	RS-700	-0.29379257862
6054	9/12/2019 9:34:17		-122.359	37.716	2088614.957	6023879.910		2055.152	RS-700	-0.58394962264
6055	9/12/2019 9:34:18		-122.359	37.716	2088614.957	6023879.910		1995.011	RS-700	-0.96219566038
6056	9/12/2019 9:34:19		-122.359	37.716	2088614.957	6023879.881		2152.197	RS-700	0.02639402516
6057	9/12/2019 9:34:20		-122.359	37.716	2088614.957	6023879.881		2079.151	RS-700	-0.43301232704
6058	9/12/2019 9:34:21		-122.359	37.716	2088614.957	6023879.910		2023.032	RS-700	-0.78596484277
6059	9/12/2019 9:34:22		-122.359	37.716	2088614.957	6023879.881		1999.416	RS-700	-0.93448786164
6060	9/12/2019 9:34:23		-122.359	37.716	2088614.957	6023879.881		2112.542	RS-700	-0.22300459120
6061	9/12/2019 9:34:24		-122.359	37.716	2088614.958	6023879.852		2009.926	RS-700	-0.86839232704
6062	9/12/2019 9:34:25		-122.359	37.716	2088614.957	6023879.881		2086.750	RS-700	-0.38521735849
6063	9/12/2019 9:34:26		-122.359	37.716	2088614.957	6023879.881		2070.950	RS-700	-0.48458962264
6064	9/12/2019 9:34:27		-122.359	37.716	2088614.957	6023879.881		2159.882	RS-700	0.07472660377
6065	9/12/2019 9:34:28		-122.359	37.716	2088614.957	6023879.881		2021.827	RS-700	-0.79354389937
6066	9/12/2019 9:34:29		-122.359	37.716	2088614.958	6023879.852		2097.967	RS-700	-0.31467075472
6067	9/12/2019 9:34:30		-122.359	37.716	2088614.958	6023879.852		2036.635	RS-700	-0.70040654088
6068	9/12/2019 9:34:31		-122.359	37.716	2088614.958	6023879.852		2054.430	RS-700	-0.58848817610
6069	9/12/2019 9:34:32		-122.359	37.716	2088614.958	6023879.852		2160.777	RS-700	0.08035905660
6070	9/12/2019 9:34:33		-122.359	37.716	2088614.958	6023879.852		2057.940	RS-700	-0.56641603774
6071	9/12/2019 9:34:34		-122.359	37.716	2088614.922	6023879.823		2081.275	RS-700	-0.41965610063
6072	9/12/2019 9:34:35		-122.359	37.716	2088614.922	6023879.823		2102.282	RS-700	-0.28753182390
6073	9/12/2019 9:34:36		-122.359	37.716	2088614.959	6023879.795		2091.860	RS-700	-0.35308320755
6074	9/12/2019 9:34:37		-122.359	37.716	2088614.921	6023879.881		2153.100	RS-700	0.03207257862
6075	9/12/2019 9:34:38		-122.359	37.716	2088614.509	6023880.422		2098.964	RS-700	-0.30840056604
6076	9/12/2019 9:34:39		-122.359	37.716	2088613.686	6023881.563		2003.021	RS-700	-0.91181968554
6077	9/12/2019 9:34:40		-122.359	37.716	2088612.824	6023882.761		2099.864	RS-700	-0.30274515723
6078	9/12/2019 9:34:41		-122.359	37.716	2088611.740	6023884.157		2022.036	RS-700	-0.79222754717
6079	9/12/2019 9:34:42		-122.359	37.716	2088610.802	6023885.556		2113.549	RS-700	-0.21667402516
6080	9/12/2019 9:34:43		-122.359	37.716	2088609.867	6023886.781		2040.620	RS-700	-0.67534308176
6081	9/12/2019 9:34:44		-122.359	37.716	2088608.673	6023888.233		2128.300	RS-700	-0.12390132076
6082	9/12/2019 9:34:45		-122.359	37.716	2088607.404	6023889.770		2110.985	RS-700	-0.23280113208
6083	9/12/2019 9:34:46		-122.359	37.716	2088605.992	6023891.189		2093.062	RS-700	-0.34551974843
6084	9/12/2019 9:34:47		-122.359	37.716	2088604.727	6023892.552		2018.521	RS-700	-0.81433088050
6085	9/12/2019 9:34:48		-122.359	37.716	2088603.571	6023893.918		2056.525	RS-700	-0.57531402516
6086	9/12/2019 9:34:49		-122.359	37.716	2088602.488	6023895.227		2011.623	RS-700	-0.85771622642
6087	9/12/2019 9:34:50		-122.359	37.716	2088601.555	6023896.366		1970.908	RS-700	-1.11378446541
6088	9/12/2019 9:34:51		-122.359	37.716	2088600.958	6023897.106		2064.949	RS-700	-0.52233182390
6089	9/12/2019 9:34:52		-122.359	37.716	2088600.958	6023897.106		2077.743	RS-700	-0.44186943396
6090	9/12/2019 9:34:53		-122.359	37.716	2088601.107	6023896.907		2066.060	RS-700	-0.51534327044
6091	9/12/2019 9:34:54		-122.359	37.716	2088601.219	6023896.793		2113.298	RS-700	-0.21825037736
6092	9/12/2019 9:34:55		-122.359	37.716	2088601.219	6023896.793		2057.853	RS-700	-0.56696503145
6093	9/12/2019 9:34:56		-122.359	37.716	2088601.256	6023896.765		2147.308	RS-700	-0.00435245283
6094	9/12/2019 9:34:57		-122.359	37.716	2088601.256	6023896.765		2114.756	RS-700	-0.20907924528
6095	9/12/2019 9:34:58		-122.359	37.716	2088601.256	6023896.765		2036.736	RS-700	-0.69977660377
6096	9/12/2019 9:34:59		-122.359	37.716	2088601.257	6023896.736		2087.646	RS-700	-0.37958748428
6097	9/12/2019 9:35:00		-122.359	37.716	2088601.257	6023896.736		2028.029	RS-700	-0.75453767296
6098	9/12/2019 9:35:01		-122.359	37.716	2088601.220	6023896.735		2046.839	RS-700	-0.63623308176
6099	9/12/2019 9:35:02		-122.359	37.716	2088601.221	6023896.706		2066.954	RS-700	-0.50972383648

Gamma Scan Survey Results
Survey Unit 4 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
6100	9/12/2019 9:35:03		-122.359	37.716	2088601.220	6023896.735		2089.760	RS-700	-0.36628974843
6101	9/12/2019 9:35:04		-122.359	37.716	2088601.220	6023896.735		2154.991	RS-700	0.04397100629
6102	9/12/2019 9:35:05		-122.359	37.716	2088601.220	6023896.735		2061.368	RS-700	-0.54485540881
6103	9/12/2019 9:35:06		-122.359	37.716	2088601.220	6023896.735		2095.437	RS-700	-0.33058226415
6104	9/12/2019 9:35:07		-122.359	37.716	2088601.220	6023896.735		2108.084	RS-700	-0.25104245283
6105	9/12/2019 9:35:08		-122.359	37.716	2088601.257	6023896.707		2066.152	RS-700	-0.51476553459
6106	9/12/2019 9:35:09		-122.359	37.716	2088601.258	6023896.678		2078.952	RS-700	-0.43426628931
6107	9/12/2019 9:35:10		-122.359	37.716	2088601.221	6023896.678		2058.949	RS-700	-0.56007088050
6108	9/12/2019 9:35:11		-122.359	37.716	2088601.221	6023896.706		2118.340	RS-700	-0.18654000000
6109	9/12/2019 9:35:12		-122.359	37.716	2088601.221	6023896.706		2040.737	RS-700	-0.67461226415
6110	9/12/2019 9:35:13		-122.359	37.716	2088601.221	6023896.678		2132.102	RS-700	-0.09998792453
6111	9/12/2019 9:35:14		-122.359	37.716	2088601.221	6023896.678		1957.188	RS-700	-1.20007283019
6112	9/12/2019 9:35:15		-122.359	37.716	2088601.221	6023896.678		2035.941	RS-700	-0.70477358491
6113	9/12/2019 9:35:16		-122.359	37.716	2088601.222	6023896.649		2096.862	RS-700	-0.32162402516
6114	9/12/2019 9:35:17		-122.359	37.716	2088601.222	6023896.649		2059.153	RS-700	-0.55878698113
6115	9/12/2019 9:35:18		-122.359	37.716	2088601.221	6023896.678		2139.545	RS-700	-0.05317691824
6116	9/12/2019 9:35:19		-122.359	37.716	2088601.221	6023896.678		2029.834	RS-700	-0.74318226415
6117	9/12/2019 9:35:20		-122.359	37.716	2088601.222	6023896.649		2066.847	RS-700	-0.51039427673
6118	9/12/2019 9:35:21		-122.359	37.716	2088601.222	6023896.649		2060.536	RS-700	-0.55009106918
6119	9/12/2019 9:35:22		-122.359	37.716	2088601.221	6023896.678		2104.180	RS-700	-0.27560006289
6120	9/12/2019 9:35:23		-122.359	37.716	2088601.185	6023896.677		2017.525	RS-700	-0.82059503145
6121	9/12/2019 9:35:24		-122.359	37.716	2088601.221	6023896.678		2089.975	RS-700	-0.36493503145
6122	9/12/2019 9:35:25		-122.359	37.716	2088601.221	6023896.678		2048.739	RS-700	-0.62428572327
6123	9/12/2019 9:35:26		-122.359	37.716	2088600.998	6023896.933		2095.750	RS-700	-0.32861616352
6124	9/12/2019 9:35:27		-122.359	37.716	2088600.699	6023897.304		2108.962	RS-700	-0.24551962264
6125	9/12/2019 9:35:28		-122.359	37.716	2088600.514	6023897.474		2061.008	RS-700	-0.54711930818
6126	9/12/2019 9:35:29		-122.359	37.716	2088600.440	6023897.530		2096.861	RS-700	-0.32163006289
6127	9/12/2019 9:35:30		-122.359	37.716	2088600.476	6023897.531		2029.733	RS-700	-0.74381993711
6128	9/12/2019 9:35:31		-122.359	37.716	2088600.477	6023897.502		2025.324	RS-700	-0.77154698113
6129	9/12/2019 9:35:32		-122.359	37.716	2088600.513	6023897.502		2070.173	RS-700	-0.48947842767
6130	9/12/2019 9:35:33		-122.359	37.716	2088600.513	6023897.502		2033.734	RS-700	-0.71865251572
6131	9/12/2019 9:35:34		-122.359	37.716	2088600.513	6023897.502		2113.396	RS-700	-0.21763522013
6132	9/12/2019 9:35:35		-122.359	37.716	2088600.514	6023897.474		2114.068	RS-700	-0.21340962264
6133	9/12/2019 9:35:36		-122.359	37.716	2088600.514	6023897.445		2128.895	RS-700	-0.12015666667
6134	9/12/2019 9:35:37		-122.359	37.716	2088600.551	6023897.416		2071.171	RS-700	-0.48320238994
6135	9/12/2019 9:35:38		-122.359	37.716	2088600.589	6023897.359		2135.982	RS-700	-0.07558729560
6136	9/12/2019 9:35:39		-122.359	37.716	2088600.515	6023897.416		2109.652	RS-700	-0.24118245283
6137	9/12/2019 9:35:40		-122.359	37.716	2088600.403	6023897.558		2060.566	RS-700	-0.54990213837
6138	9/12/2019 9:35:41		-122.359	37.716	2088600.403	6023897.529		2020.731	RS-700	-0.80043270440
6139	9/12/2019 9:35:42		-122.359	37.716	2088600.366	6023897.586		2097.436	RS-700	-0.31801182390
6140	9/12/2019 9:35:43		-122.359	37.716	2088599.919	6023898.069		2029.733	RS-700	-0.74382012579
6141	9/12/2019 9:35:44		-122.359	37.716	2088599.248	6023898.837		2109.769	RS-700	-0.24044427673
6142	9/12/2019 9:35:45		-122.359	37.716	2088598.540	6023899.662		1999.123	RS-700	-0.93633345912
6143	9/12/2019 9:35:46		-122.359	37.716	2088598.130	6023900.117		2050.952	RS-700	-0.61036383648
6144	9/12/2019 9:35:47		-122.359	37.716	2088598.575	6023899.721		2002.122	RS-700	-0.91746949686
6145	9/12/2019 9:35:48		-122.359	37.716	2088599.356	6023898.897		2074.261	RS-700	-0.46376773585
6146	9/12/2019 9:35:49		-122.359	37.716	2088600.254	6023897.700		2013.027	RS-700	-0.84888974843
6147	9/12/2019 9:35:50		-122.359	37.716	2088600.868	6023896.150		2097.865	RS-700	-0.31531635220
6148	9/12/2019 9:35:51		-122.359	37.716	2088600.900	6023894.501		2015.422	RS-700	-0.83382264151
6149	9/12/2019 9:35:52		-122.359	37.716	2088600.529	6023893.047		2080.062	RS-700	-0.42728245283
6150	9/12/2019 9:35:53		-122.359	37.716	2088600.011	6023891.620		2089.165	RS-700	-0.37002905660
6151	9/12/2019 9:35:54		-122.359	37.716	2088599.462	6023889.931		1992.415	RS-700	-0.97852100629
6152	9/12/2019 9:35:55		-122.359	37.716	2088599.219	6023889.318		2064.822	RS-700	-0.52313515723
6153	9/12/2019 9:35:56		-122.359	37.716	2088599.963	6023890.346		2096.743	RS-700	-0.32237144654
6154	9/12/2019 9:35:57		-122.359	37.716	2088601.393	6023891.705		2044.024	RS-700	-0.65393811321
6155	9/12/2019 9:35:58		-122.359	37.716	2088603.374	6023892.815		1910.586	RS-700	-1.49316786164
6156	9/12/2019 9:35:59		-122.359	37.716	2088605.733	6023893.209		2124.766	RS-700	-0.14612830189
6157	9/12/2019 9:36:00		-122.359	37.716	2088607.814	6023892.990		2009.523	RS-700	-0.87092503145
6158	9/12/2019 9:36:01		-122.359	37.716	2088608.508	6023892.888		2084.752	RS-700	-0.39778679245
6159	9/12/2019 9:36:02		-122.359	37.716	2088607.158	6023893.006		2074.162	RS-700	-0.46439100629
6160	9/12/2019 9:36:03		-122.359	37.716	2088605.551	6023893.234		2128.082	RS-700	-0.12526754717

Gamma Scan Survey Results
Survey Unit 4 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
6161	9/12/2019 9:36:04		-122.359	37.716	2088603.976	6023893.666		2047.529	RS-700	-0.63189169811
6162	9/12/2019 9:36:05		-122.359	37.716	2088602.324	6023894.327		1998.819	RS-700	-0.93824666667
6163	9/12/2019 9:36:06		-122.359	37.716	2088600.811	6023895.310		2095.267	RS-700	-0.33165138365
6164	9/12/2019 9:36:07		-122.359	37.716	2088599.624	6023896.414		2093.650	RS-700	-0.34182232704
6165	9/12/2019 9:36:08		-122.359	37.716	2088598.835	6023897.614		1992.009	RS-700	-0.98107283019
6166	9/12/2019 9:36:09		-122.359	37.716	2088598.010	6023898.812		2012.318	RS-700	-0.85334415094
6167	9/12/2019 9:36:10		-122.359	37.716	2088597.598	6023899.383		2013.819	RS-700	-0.84390333333
6168	9/12/2019 9:36:11		-122.359	37.716	2088598.271	6023898.528		2129.982	RS-700	-0.11332339623
6169	9/12/2019 9:36:12		-122.359	37.716	2088599.496	6023897.367		1998.821	RS-700	-0.93823421384
6170	9/12/2019 9:36:13		-122.359	37.716	2088600.975	6023896.239		2082.634	RS-700	-0.41110503145
6171	9/12/2019 9:36:14		-122.359	37.716	2088602.489	6023895.169		2037.631	RS-700	-0.69414289308
6172	9/12/2019 9:36:15		-122.359	37.716	2088604.041	6023894.072		2088.963	RS-700	-0.37129981132
6173	9/12/2019 9:36:16		-122.359	37.716	2088605.595	6023892.830		2121.291	RS-700	-0.16798062893
6174	9/12/2019 9:36:17		-122.359	37.716	2088607.036	6023891.788		2186.658	RS-700	0.24313232704
6175	9/12/2019 9:36:18		-122.359	37.716	2088608.513	6023890.776		2051.123	RS-700	-0.60929069182
6176	9/12/2019 9:36:19		-122.359	37.716	2088610.138	6023889.622		2105.074	RS-700	-0.26997767296
6177	9/12/2019 9:36:20		-122.359	37.716	2088611.840	6023888.296		2013.526	RS-700	-0.84574754717
6178	9/12/2019 9:36:21		-122.359	37.716	2088613.545	6023886.826		2068.435	RS-700	-0.50040698113
6179	9/12/2019 9:36:22		-122.359	37.716	2088615.174	6023885.469		1994.318	RS-700	-0.96655276730
6180	9/12/2019 9:36:23		-122.359	37.716	2088616.695	6023884.082		2080.052	RS-700	-0.42734886793
6181	9/12/2019 9:36:24		-122.359	37.716	2088618.110	6023882.519		1970.612	RS-700	-1.11564477987
6182	9/12/2019 9:36:25		-122.359	37.716	2088619.382	6023880.808		2008.427	RS-700	-0.87782031447
6183	9/12/2019 9:36:26		-122.359	37.716	2088620.729	6023879.012		2030.632	RS-700	-0.73816509434
6184	9/12/2019 9:36:27		-122.359	37.716	2088621.893	6023877.213		2028.827	RS-700	-0.74951440252
6185	9/12/2019 9:36:28		-122.359	37.716	2088623.058	6023875.442		1964.509	RS-700	-1.15403213836
6186	9/12/2019 9:36:29		-122.359	37.716	2088624.184	6023873.758		2068.044	RS-700	-0.50286836478
6187	9/12/2019 9:36:30		-122.359	37.716	2088625.308	6023872.160		2127.979	RS-700	-0.12592100629
6188	9/12/2019 9:36:31		-122.359	37.716	2088626.247	6023870.732		2107.442	RS-700	-0.25508440252
6189	9/12/2019 9:36:32		-122.359	37.716	2088627.108	6023869.563		2059.955	RS-700	-0.55374088050
6190	9/12/2019 9:36:33		-122.359	37.716	2088628.045	6023868.222		2196.347	RS-700	0.30407056604
6191	9/12/2019 9:36:34		-122.359	37.716	2088629.208	6023866.480		2071.537	RS-700	-0.48090201258
6192	9/12/2019 9:36:35		-122.359	37.716	2088630.593	6023864.598		2055.843	RS-700	-0.57960534591
6193	9/12/2019 9:36:36		-122.359	37.716	2088632.123	6023862.748		2027.240	RS-700	-0.75949509434
6194	9/12/2019 9:36:37		-122.359	37.716	2088633.431	6023861.096		2025.634	RS-700	-0.76959660377
6195	9/12/2019 9:36:38		-122.359	37.716	2088634.549	6023859.817		2027.729	RS-700	-0.75642132076
6196	9/12/2019 9:36:39		-122.359	37.716	2088635.705	6023858.451		2052.533	RS-700	-0.60042220126
6197	9/12/2019 9:36:40		-122.359	37.716	2088636.826	6023857.027		2131.339	RS-700	-0.10478641509
6198	9/12/2019 9:36:41		-122.359	37.716	2088637.652	6023855.770		2098.862	RS-700	-0.30904308176
6199	9/12/2019 9:36:42		-122.359	37.716	2088638.215	6023854.913		2153.990	RS-700	0.03767477987
6200	9/12/2019 9:36:43		-122.359	37.716	2088638.177	6023854.999		2080.652	RS-700	-0.42357534591
6201	9/12/2019 9:36:44		-122.359	37.716	2088637.353	6023856.140		2066.774	RS-700	-0.51085786164
6202	9/12/2019 9:36:45		-122.359	37.716	2088636.566	6023857.282		2046.940	RS-700	-0.63559886793
6203	9/12/2019 9:36:46		-122.359	37.716	2088635.963	6023858.283		2054.056	RS-700	-0.59084031447
6204	9/12/2019 9:36:47		-122.359	37.716	2088635.362	6023859.225		1980.102	RS-700	-1.05596295597
6205	9/12/2019 9:36:48		-122.359	37.716	2088635.510	6023859.084		2004.630	RS-700	-0.90170119497
6206	9/12/2019 9:36:49		-122.359	37.716	2088636.439	6023858.176		2055.046	RS-700	-0.58461842767
6207	9/12/2019 9:36:50		-122.359	37.716	2088638.024	6023857.224		2045.731	RS-700	-0.64319918239
6208	9/12/2019 9:36:51		-122.359	37.716	2088639.751	6023856.419		1996.827	RS-700	-0.95077402516
6209	9/12/2019 9:36:52		-122.359	37.716	2088641.334	6023855.583		2137.554	RS-700	-0.06569515723
6210	9/12/2019 9:36:53		-122.359	37.716	2088642.738	6023854.569		2062.842	RS-700	-0.53558798742
6211	9/12/2019 9:36:54		-122.359	37.716	2088643.888	6023853.493		2139.558	RS-700	-0.05309515723
6212	9/12/2019 9:36:55		-122.359	37.716	2088644.711	6023852.439		2082.170	RS-700	-0.41402358491
6213	9/12/2019 9:36:56		-122.359	37.716	2088645.683	6023851.127		2053.036	RS-700	-0.59725905660
6214	9/12/2019 9:36:57		-122.359	37.716	2088646.586	6023849.699		2005.725	RS-700	-0.89480949686
6215	9/12/2019 9:36:58		-122.359	37.716	2088647.380	6023848.210		2101.196	RS-700	-0.29436327044
6216	9/12/2019 9:36:59		-122.359	37.716	2088648.026	6023846.892		2107.645	RS-700	-0.25380716981
6217	9/12/2019 9:37:00		-122.359	37.716	2088648.706	6023845.633		2119.869	RS-700	-0.17692490566
6218	9/12/2019 9:37:01		-122.359	37.716	2088649.394	6023843.997		2077.860	RS-700	-0.44113144654
6219	9/12/2019 9:37:02		-122.360	37.716	2088650.196	6023842.162		1998.718	RS-700	-0.93888226415
6220	9/12/2019 9:37:03		-122.360	37.716	2088650.919	6023840.556		2132.983	RS-700	-0.09444396226
6221	9/12/2019 9:37:04		-122.360	37.716	2088651.568	6023839.064		2078.752	RS-700	-0.43552345912

Gamma Scan Survey Results
Survey Unit 4 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
6222	9/12/2019 9:37:05		-122.360	37.716	2088652.255	6023837.487		2047.431	RS-700	-0.63250918239
6223	9/12/2019 9:37:06		-122.360	37.716	2088652.980	6023835.823		2003.318	RS-700	-0.90995062893
6224	9/12/2019 9:37:07		-122.360	37.716	2088653.706	6023834.131		1931.503	RS-700	-1.36161855346
6225	9/12/2019 9:37:08		-122.360	37.716	2088654.354	6023832.668		1996.208	RS-700	-0.95466905660
6226	9/12/2019 9:37:09		-122.360	37.716	2088654.583	6023832.152		2004.528	RS-700	-0.90233798742
6227	9/12/2019 9:37:10		-122.360	37.716	2088654.583	6023832.123		1873.767	RS-700	-1.72473320755
6228	9/12/2019 9:37:11		-122.360	37.716	2088654.584	6023832.094		1968.812	RS-700	-1.12697075472
6229	9/12/2019 9:37:12		-122.360	37.716	2088654.812	6023831.607		1964.805	RS-700	-1.15216981132
6230	9/12/2019 9:37:13		-122.360	37.716	2088655.273	6023830.401		2013.526	RS-700	-0.84575075472
6231	9/12/2019 9:37:14		-122.360	37.716	2088656.000	6023828.622		2005.723	RS-700	-0.89482459120
6232	9/12/2019 9:37:15		-122.360	37.716	2088656.769	6023826.612		2045.245	RS-700	-0.64625496855
6233	9/12/2019 9:37:16		-122.360	37.716	2088657.609	6023824.661		2064.432	RS-700	-0.52558220126
6234	9/12/2019 9:37:17		-122.360	37.716	2088658.699	6023822.947		2131.651	RS-700	-0.10282603774
6235	9/12/2019 9:37:18		-122.360	37.716	2088659.676	6023821.404		2172.556	RS-700	0.15443842767
6236	9/12/2019 9:37:19		-122.360	37.716	2088660.313	6023820.520		2155.989	RS-700	0.05024251572
6237	9/12/2019 9:37:20		-122.360	37.716	2088660.837	6023819.807		2055.425	RS-700	-0.58223308176
6238	9/12/2019 9:37:21		-122.360	37.716	2088661.547	6023818.896		2054.945	RS-700	-0.58524911950
6239	9/12/2019 9:37:22		-122.360	37.716	2088662.481	6023817.728		2033.343	RS-700	-0.72111345912
6240	9/12/2019 9:37:23		-122.360	37.716	2088663.638	6023816.304		2089.748	RS-700	-0.36636402516
6241	9/12/2019 9:37:24		-122.360	37.716	2088664.981	6023814.682		2060.844	RS-700	-0.54815201258
6242	9/12/2019 9:37:25		-122.360	37.716	2088666.325	6023813.060		2081.168	RS-700	-0.42032779874
6243	9/12/2019 9:37:26		-122.360	37.716	2088667.595	6023811.465		2077.636	RS-700	-0.44254314465
6244	9/12/2019 9:37:27		-122.360	37.716	2088668.715	6023810.069		2093.171	RS-700	-0.34483704403
6245	9/12/2019 9:37:28		-122.360	37.716	2088669.646	6023809.046		2098.757	RS-700	-0.30970622642
6246	9/12/2019 9:37:29		-122.360	37.716	2088670.207	6023808.305		2164.097	RS-700	0.10123610063
6247	9/12/2019 9:37:30		-122.360	37.716	2088671.249	6023807.198		2294.070	RS-700	0.91867962264
6248	9/12/2019 9:37:31		-122.360	37.716	2088672.292	6023806.003		2371.329	RS-700	1.40458289308
6249	9/12/2019 9:37:32		-122.360	37.716	2088672.999	6023805.265		2347.831	RS-700	0.44525307918
6250	9/12/2019 9:37:33		-122.360	37.716	2088672.775	6023805.521		2466.893	RS-700	2.00561459119
6251	9/12/2019 9:37:34		-122.360	37.716	2088672.701	6023805.578		2404.881	RS-700	1.61560069182
6252	9/12/2019 9:37:35		-122.360	37.716	2088672.738	6023805.549		2394.100	RS-700	1.54779723270
6253	9/12/2019 9:37:36		-122.360	37.716	2088673.482	6023804.783		2440.000	RS-700	0.71554140763
6254	9/12/2019 9:37:37		-122.360	37.716	2088674.596	6023803.677		2181.349	RS-700	-0.04296589443
6255	9/12/2019 9:37:38		-122.360	37.716	2088675.636	6023802.685		1867.761	RS-700	-0.96257633431
6256	9/12/2019 9:37:39		-122.360	37.716	2088676.527	6023801.806		1589.653	RS-700	-1.77814504399
6257	9/12/2019 9:37:40		-122.360	37.716	2088677.235	6023801.010		1584.332	RS-700	-1.79374809384
6258	9/12/2019 9:37:41		-122.360	37.716	2088678.059	6023799.869		1976.511	RS-700	-0.64366164223
6259	9/12/2019 9:37:42		-122.360	37.716	2088679.031	6023798.587		2351.848	RS-700	0.45703290323
6260	9/12/2019 9:37:43		-122.360	37.716	2088680.342	6023796.761		2477.134	RS-700	0.82444046921
6261	9/12/2019 9:37:44		-122.360	37.716	2088681.992	6023794.364		2179.005	RS-700	-0.04983841642
6262	9/12/2019 9:37:45		-122.360	37.716	2088683.490	6023792.310		1975.421	RS-700	-0.64685953079
6263	9/12/2019 9:37:46		-122.360	37.716	2088684.726	6023790.570		2187.689	RS-700	-0.02437126100
6264	9/12/2019 9:37:47		-122.360	37.716	2088686.034	6023788.918		2149.656	RS-700	0.01041698113
6265	9/12/2019 9:37:48		-122.360	37.716	2088687.267	6023787.352		2145.983	RS-700	-0.01268383648
6266	9/12/2019 9:37:49		-122.360	37.716	2088688.462	6023785.842		2171.897	RS-700	0.15029811321
6267	9/12/2019 9:37:50		-122.360	37.716	2088689.734	6023784.160		2161.782	RS-700	0.08667911950
6268	9/12/2019 9:37:51		-122.360	37.716	2088690.897	6023782.448		2107.074	RS-700	-0.25739509434
6269	9/12/2019 9:37:52		-122.360	37.716	2088691.870	6023781.136		2156.098	RS-700	0.05093314465
6270	9/12/2019 9:37:53		-122.360	37.716	2088692.803	6023779.969		2035.140	RS-700	-0.70980880503
6271	9/12/2019 9:37:54		-122.360	37.716	2088693.854	6023778.427		2068.642	RS-700	-0.49910930818
6272	9/12/2019 9:37:55		-122.360	37.716	2088694.907	6023776.741		2086.171	RS-700	-0.38886018868
6273	9/12/2019 9:37:56		-122.360	37.716	2088695.993	6023775.229		2098.546	RS-700	-0.31102930818
6274	9/12/2019 9:37:57		-122.360	37.716	2088697.302	6023773.520		2079.539	RS-700	-0.43057119497
6275	9/12/2019 9:37:58		-122.360	37.716	2088698.720	6023771.783		2070.845	RS-700	-0.48525345912
6276	9/12/2019 9:37:59		-122.360	37.716	2088700.177	6023769.960		2032.742	RS-700	-0.72489534591
6277	9/12/2019 9:38:00		-122.360	37.717	2088701.670	6023768.110		2063.950	RS-700	-0.52861704403
6278	9/12/2019 9:38:01		-122.360	37.717	2088703.055	6023766.257		1998.719	RS-700	-0.93887188679
6279	9/12/2019 9:38:02		-122.360	37.717	2088704.402	6023764.461		2003.720	RS-700	-0.90742352201
6280	9/12/2019 9:38:03		-122.360	37.717	2088705.713	6023762.606		2043.042	RS-700	-0.66011062893
6281	9/12/2019 9:38:04		-122.360	37.717	2088707.094	6023760.898		2119.661	RS-700	-0.17823056604
6282	9/12/2019 9:38:05		-122.360	37.717	2088708.368	6023759.130		2071.636	RS-700	-0.48027905660

Gamma Scan Survey Results
Survey Unit 4 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
6283	9/12/2019 9:38:06		-122.360	37.717	2088709.566	6023757.475		2094.757	RS-700	-0.33486440252
6284	9/12/2019 9:38:07		-122.360	37.717	2088710.728	6023755.821		2027.242	RS-700	-0.75948597484
6285	9/12/2019 9:38:08		-122.360	37.717	2088711.852	6023754.252		2096.981	RS-700	-0.32087245283
6286	9/12/2019 9:38:09		-122.360	37.717	2088713.085	6023752.685		2049.637	RS-700	-0.61863786164
6287	9/12/2019 9:38:10		-122.360	37.717	2088714.466	6023750.977		2042.141	RS-700	-0.66577748428
6288	9/12/2019 9:38:11		-122.360	37.717	2088715.996	6023749.127		1985.625	RS-700	-1.02122553459
6289	9/12/2019 9:38:12		-122.360	37.717	2088717.561	6023747.364		2106.734	RS-700	-0.25953295598
6290	9/12/2019 9:38:13		-122.360	37.717	2088718.905	6023745.713		2078.753	RS-700	-0.43551270440
6291	9/12/2019 9:38:14		-122.360	37.717	2088720.212	6023744.090		1944.309	RS-700	-1.28107283019
6292	9/12/2019 9:38:15		-122.360	37.717	2088721.703	6023742.326		2019.929	RS-700	-0.80547943396
6293	9/12/2019 9:38:16		-122.360	37.717	2088723.159	6023740.532		2052.634	RS-700	-0.59978440252
6294	9/12/2019 9:38:17		-122.360	37.717	2088724.541	6023738.795		2104.655	RS-700	-0.27261238994
6295	9/12/2019 9:38:18		-122.360	37.717	2088725.886	6023737.114		2071.867	RS-700	-0.47882628931
6296	9/12/2019 9:38:19		-122.360	37.717	2088726.973	6023735.574		1988.717	RS-700	-1.00178025157
6297	9/12/2019 9:38:20		-122.360	37.717	2088728.020	6023734.206		2013.927	RS-700	-0.84322716981
6298	9/12/2019 9:38:21		-122.360	37.717	2088729.106	6023732.694		1960.609	RS-700	-1.17855811321
6299	9/12/2019 9:38:22		-122.360	37.717	2088730.414	6023730.984		1966.511	RS-700	-1.14144132075
6300	9/12/2019 9:38:23		-122.360	37.717	2088731.687	6023729.274		1957.518	RS-700	-1.19799949686
6301	9/12/2019 9:38:24		-122.360	37.717	2088732.623	6023727.962		2094.957	RS-700	-0.33360295598
6302	9/12/2019 9:38:25		-122.360	37.717	2088733.411	6023726.820		2078.972	RS-700	-0.43413610063
6303	9/12/2019 9:38:26		-122.360	37.717	2088734.195	6023725.823		2140.983	RS-700	-0.04413226415
6304	9/12/2019 9:38:27		-122.360	37.717	2088734.866	6023725.055		2074.866	RS-700	-0.45996088050
6305	9/12/2019 9:38:28		-122.360	37.717	2088735.090	6023724.770		2107.536	RS-700	-0.25448943396
6306	9/12/2019 9:38:29		-122.360	37.717	2088735.315	6023724.486		2113.644	RS-700	-0.21607264151
6307	9/12/2019 9:38:30		-122.360	37.717	2088735.984	6023723.776		2044.841	RS-700	-0.64879754717
6308	9/12/2019 9:38:31		-122.360	37.717	2088736.581	6023723.064		2001.723	RS-700	-0.91997930818
6309	9/12/2019 9:38:32		-122.360	37.717	2088737.475	6023722.069		2049.542	RS-700	-0.61923559748
6310	9/12/2019 9:38:33		-122.360	37.717	2088738.484	6023720.788		2011.739	RS-700	-0.85698698113
6311	9/12/2019 9:38:34		-122.360	37.717	2088739.602	6023719.508		2003.826	RS-700	-0.90675559748
6312	9/12/2019 9:38:35		-122.360	37.717	2088740.272	6023718.769		2101.653	RS-700	-0.29149289308
6313	9/12/2019 9:38:36		-122.360	37.717	2088740.719	6023718.286		2119.763	RS-700	-0.17759182390
6314	9/12/2019 9:38:37		-122.360	37.717	2088740.941	6023718.088		2057.243	RS-700	-0.57079911950
6315	9/12/2019 9:38:38		-122.360	37.717	2088740.978	6023718.060		1981.310	RS-700	-1.04836503145
6316	9/12/2019 9:38:39		-122.360	37.717	2088740.942	6023718.059		2098.752	RS-700	-0.30973723270
6317	9/12/2019 9:38:40		-122.360	37.717	2088740.978	6023718.060		2083.349	RS-700	-0.40661289308
6318	9/12/2019 9:38:41		-122.360	37.717	2088741.015	6023718.003		2060.637	RS-700	-0.54945377359
6319	9/12/2019 9:38:42		-122.360	37.717	2088741.795	6023717.266		2126.340	RS-700	-0.13622383648
6320	9/12/2019 9:38:43		-122.360	37.717	2088742.873	6023716.159		1961.215	RS-700	-1.17474805031
6321	9/12/2019 9:38:44		-122.360	37.717	2088743.910	6023715.283		2075.439	RS-700	-0.45636062893
6322	9/12/2019 9:38:45		-122.360	37.717	2088744.913	6023714.319		1984.621	RS-700	-1.02753981132
6323	9/12/2019 9:38:46		-122.360	37.717	2088745.957	6023713.067		2048.642	RS-700	-0.62489176101
6324	9/12/2019 9:38:47		-122.360	37.717	2088746.703	6023712.214		2083.434	RS-700	-0.40607798742
6325	9/12/2019 9:38:48		-122.360	37.717	2088746.927	6023711.900		2017.923	RS-700	-0.81809289308
6326	9/12/2019 9:38:49		-122.360	37.717	2088746.815	6023712.043		2083.639	RS-700	-0.40478779874
6327	9/12/2019 9:38:50		-122.360	37.717	2088746.704	6023712.156		2101.964	RS-700	-0.28953383648
6328	9/12/2019 9:38:51		-122.360	37.717	2088746.667	6023712.184		2139.199	RS-700	-0.05534937107
6329	9/12/2019 9:38:52		-122.360	37.717	2088746.629	6023712.241		2018.240	RS-700	-0.81609823899
6330	9/12/2019 9:38:53		-122.360	37.717	2088746.593	6023712.241		2052.947	RS-700	-0.59782031447
6331	9/12/2019 9:38:54		-122.360	37.717	2088746.593	6023712.241		1959.168	RS-700	-1.18762295597
6332	9/12/2019 9:38:55		-122.360	37.717	2088746.668	6023712.126		2028.830	RS-700	-0.74949817610
6333	9/12/2019 9:38:56		-122.360	37.717	2088747.304	6023711.300		2060.949	RS-700	-0.54749031447
6334	9/12/2019 9:38:57		-122.360	37.717	2088748.311	6023710.105		2046.430	RS-700	-0.63880761006
6335	9/12/2019 9:38:58		-122.360	37.717	2088749.093	6023709.195		2095.069	RS-700	-0.33289930818
6336	9/12/2019 9:38:59		-122.360	37.717	2088749.057	6023709.223		2029.354	RS-700	-0.74620062893
6337	9/12/2019 9:39:00		-122.360	37.717	2088748.795	6023709.536		2051.150	RS-700	-0.60912056604
6338	9/12/2019 9:39:01		-122.360	37.717	2088748.386	6023709.991		2077.752	RS-700	-0.44180937107
6339	9/12/2019 9:39:02		-122.360	37.717	2088747.791	6023710.587		2056.740	RS-700	-0.57396371069
6340	9/12/2019 9:39:03		-122.360	37.717	2088747.194	6023711.298		2039.838	RS-700	-0.68026628931
6341	9/12/2019 9:39:04		-122.360	37.717	2088746.592	6023712.270		2118.093	RS-700	-0.18809723270
6342	9/12/2019 9:39:05		-122.360	37.717	2088746.252	6023712.899		2032.819	RS-700	-0.72441113208
6343	9/12/2019 9:39:06		-122.360	37.717	2088746.136	6023713.244		2039.940	RS-700	-0.67962025157

Gamma Scan Survey Results
Survey Unit 4 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
6344	9/12/2019 9:39:07		-122.360	37.717	2088745.753	6023714.191		2039.937	RS-700	-0.67964465409
6345	9/12/2019 9:39:08		-122.360	37.717	2088745.292	6023715.368		2007.327	RS-700	-0.88473704403
6346	9/12/2019 9:39:09		-122.360	37.717	2088745.405	6023715.197		1979.820	RS-700	-1.05773742138
6347	9/12/2019 9:39:10		-122.360	37.717	2088746.269	6023713.883		1971.417	RS-700	-1.11058339623
6348	9/12/2019 9:39:11		-122.360	37.717	2088747.606	6023712.550		2049.432	RS-700	-0.61992345912
6349	9/12/2019 9:39:12		-122.360	37.717	2088749.049	6023711.451		2048.833	RS-700	-0.62369270440
6350	9/12/2019 9:39:13		-122.360	37.717	2088750.376	6023710.609		2077.071	RS-700	-0.44609691824
6351	9/12/2019 9:39:14		-122.360	37.717	2088751.482	6023709.937		1998.321	RS-700	-0.94137842767
6352	9/12/2019 9:39:15		-122.360	37.717	2088752.698	6023709.238		1968.605	RS-700	-1.12827157233
6353	9/12/2019 9:39:16		-122.360	37.717	2088753.847	6023708.219		2021.927	RS-700	-0.79291100629
6354	9/12/2019 9:39:17		-122.360	37.717	2088754.893	6023706.938		2014.136	RS-700	-0.84191213837
6355	9/12/2019 9:39:18		-122.360	37.717	2088755.753	6023705.769		1988.523	RS-700	-1.00299767296
6356	9/12/2019 9:39:19		-122.360	37.717	2088756.431	6023704.654		2032.145	RS-700	-0.72864647799
6357	9/12/2019 9:39:20		-122.360	37.717	2088756.881	6023703.997		2046.535	RS-700	-0.63814723270
6358	9/12/2019 9:39:21		-122.360	37.717	2088757.146	6023703.482		2046.249	RS-700	-0.63994295598
6359	9/12/2019 9:39:22		-122.360	37.717	2088757.146	6023703.482		2073.056	RS-700	-0.47134320755
6360	9/12/2019 9:39:23		-122.360	37.717	2088757.109	6023703.539		1978.914	RS-700	-1.06343610063
6361	9/12/2019 9:39:24		-122.360	37.717	2088757.109	6023703.539		2011.918	RS-700	-0.85586150943
6362	9/12/2019 9:39:25		-122.360	37.717	2088757.109	6023703.539		2006.824	RS-700	-0.88789874214
6363	9/12/2019 9:39:26		-122.360	37.717	2088757.109	6023703.539		1988.014	RS-700	-1.00620427673
6364	9/12/2019 9:39:27		-122.360	37.717	2088757.072	6023703.567		1959.512	RS-700	-1.18546062893
6365	9/12/2019 9:39:28		-122.360	37.717	2088757.071	6023703.596		1996.026	RS-700	-0.95581018868
6366	9/12/2019 9:39:29		-122.360	37.717	2088757.072	6023703.567		2048.747	RS-700	-0.62423522013
6367	9/12/2019 9:39:30		-122.360	37.717	2088757.108	6023703.568		1969.399	RS-700	-1.12327943396
6368	9/12/2019 9:39:31		-122.360	37.717	2088757.072	6023703.567		2062.436	RS-700	-0.53813849057
6369	9/12/2019 9:39:32		-122.360	37.717	2088757.072	6023703.567		1967.609	RS-700	-1.13453283019
6370	9/12/2019 9:39:33		-122.360	37.717	2088757.108	6023703.568		1938.378	RS-700	-1.31837603774
6371	9/12/2019 9:39:34		-122.360	37.717	2088757.072	6023703.567		2019.131	RS-700	-0.81049817610
6372	9/12/2019 9:39:35		-122.360	37.717	2088757.035	6023703.567		2066.670	RS-700	-0.51150924528
6373	9/12/2019 9:39:36		-122.360	37.717	2088757.072	6023703.567		2019.915	RS-700	-0.80556459120
6374	9/12/2019 9:39:37		-122.360	37.717	2088757.072	6023703.567		2008.322	RS-700	-0.87847836478
6375	9/12/2019 9:39:38		-122.360	37.717	2088757.072	6023703.567		2005.820	RS-700	-0.89421333333
6376	9/12/2019 9:39:39		-122.360	37.717	2088757.035	6023703.567		1889.493	RS-700	-1.62582748428
6377	9/12/2019 9:39:40		-122.360	37.717	2088757.035	6023703.567		1993.314	RS-700	-0.97286811321
6378	9/12/2019 9:39:41		-122.360	37.717	2088757.035	6023703.567		2073.844	RS-700	-0.46638968554
6379	9/12/2019 9:39:42		-122.360	37.717	2088757.035	6023703.567		1970.302	RS-700	-1.11759735849
6380	9/12/2019 9:39:43		-122.360	37.717	2088757.036	6023703.538		1947.894	RS-700	-1.25852660377
6381	9/12/2019 9:39:44		-122.360	37.717	2088757.036	6023703.538		1957.010	RS-700	-1.20119616352
6382	9/12/2019 9:39:45		-122.360	37.717	2088757.036	6023703.538		2047.532	RS-700	-0.63187547170
6383	9/12/2019 9:39:46		-122.360	37.717	2088757.036	6023703.538		1871.299	RS-700	-1.74025540881
6384	9/12/2019 9:39:47		-122.360	37.717	2088757.036	6023703.538		1990.312	RS-700	-0.99175132076
6385	9/12/2019 9:39:48		-122.360	37.717	2088757.035	6023703.567		1945.200	RS-700	-1.27547396226
6386	9/12/2019 9:39:49		-122.360	37.717	2088757.036	6023703.538		2058.433	RS-700	-0.56331660377
6387	9/12/2019 9:39:50		-122.360	37.717	2088757.036	6023703.538		1993.514	RS-700	-0.97161201258
6388	9/12/2019 9:39:51		-122.360	37.717	2088757.000	6023703.537		1950.792	RS-700	-1.24030081761
6389	9/12/2019 9:39:52		-122.360	37.717	2088757.036	6023703.538		1965.111	RS-700	-1.15024647799
6390	9/12/2019 9:39:53		-122.360	37.717	2088757.000	6023703.537		1905.593	RS-700	-1.52457496855
6391	9/12/2019 9:39:54		-122.360	37.717	2088757.000	6023703.537		2039.046	RS-700	-0.68524396226
6392	9/12/2019 9:39:55		-122.360	37.717	2088757.000	6023703.537		1995.018	RS-700	-0.96214924528
6393	9/12/2019 9:39:56		-122.360	37.717	2088757.000	6023703.537		1895.965	RS-700	-1.58512308176
6394	9/12/2019 9:39:57		-122.360	37.717	2088757.000	6023703.537		2019.729	RS-700	-0.80673830189
6395	9/12/2019 9:39:58		-122.360	37.717	2088757.000	6023703.537		2013.417	RS-700	-0.84643459120
6396	9/12/2019 9:39:59		-122.360	37.717	2088756.999	6023703.566		2039.537	RS-700	-0.68215421384
6397	9/12/2019 9:40:00		-122.360	37.717	2088757.000	6023703.537		2052.328	RS-700	-0.60171106918
6398	9/12/2019 9:40:01		-122.360	37.717	2088757.301	6023703.051		2009.625	RS-700	-0.87028509434
6399	9/12/2019 9:40:02		-122.360	37.717	2088757.900	6023702.224		2080.640	RS-700	-0.42364572327
6400	9/12/2019 9:40:03		-122.360	37.717	2088758.471	6023700.991		2056.531	RS-700	-0.57527446541
6401	9/12/2019 9:40:04		-122.360	37.717	2088759.156	6023699.501		2056.637	RS-700	-0.57460792453
6402	9/12/2019 9:40:05		-122.360	37.717	2088759.949	6023698.070		2037.746	RS-700	-0.69342308176
6403	9/12/2019 9:40:06		-122.360	37.717	2088760.735	6023696.986		2079.371	RS-700	-0.43162842767
6404	9/12/2019 9:40:07		-122.360	37.717	2088761.296	6023696.274		1971.406	RS-700	-1.11065490566

Gamma Scan Survey Results
Survey Unit 4 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
6405	9/12/2019 9:40:08		-122.360	37.717	2088761.333	6023696.217		2101.070	RS-700	-0.29515490566
6406	9/12/2019 9:40:09		-122.360	37.717	2088761.259	6023696.273		2041.447	RS-700	-0.67014188679
6407	9/12/2019 9:40:10		-122.360	37.717	2088761.258	6023696.331		2124.979	RS-700	-0.14478509434
6408	9/12/2019 9:40:11		-122.360	37.717	2088761.221	6023696.359		2006.825	RS-700	-0.88789433962
6409	9/12/2019 9:40:12		-122.360	37.717	2088761.221	6023696.359		1994.720	RS-700	-0.96402528302
6410	9/12/2019 9:40:13		-122.360	37.717	2088761.221	6023696.388		2081.529	RS-700	-0.41805610063
6411	9/12/2019 9:40:14		-122.360	37.717	2088761.258	6023696.331		2039.735	RS-700	-0.68091232704
6412	9/12/2019 9:40:15		-122.360	37.717	2088761.783	6023695.560		2082.060	RS-700	-0.41471798742
6413	9/12/2019 9:40:16		-122.360	37.717	2088762.682	6023694.305		2047.243	RS-700	-0.63369264151
6414	9/12/2019 9:40:17		-122.360	37.717	2088763.656	6023692.965		1958.709	RS-700	-1.19050987421
6415	9/12/2019 9:40:18		-122.360	37.717	2088764.558	6023691.565		1948.703	RS-700	-1.25343943396
6416	9/12/2019 9:40:19		-122.360	37.717	2088765.611	6023689.879		1938.997	RS-700	-1.31448383648
6417	9/12/2019 9:40:20		-122.360	37.717	2088766.630	6023688.077		1933.307	RS-700	-1.35027176101
6418	9/12/2019 9:40:21		-122.360	37.717	2088767.645	6023686.506		1983.112	RS-700	-1.03703031447
6419	9/12/2019 9:40:22		-122.360	37.717	2088768.512	6023685.019		1862.396	RS-700	-1.79625377358
6420	9/12/2019 9:40:23		-122.360	37.717	2088769.311	6023683.299		1969.005	RS-700	-1.12575308176
6421	9/12/2019 9:40:24		-122.360	37.717	2088770.110	6023681.579		1987.517	RS-700	-1.00932578616
6422	9/12/2019 9:40:25		-122.360	37.717	2088770.835	6023679.915		1963.412	RS-700	-1.16092811321
6423	9/12/2019 9:40:26		-122.360	37.717	2088771.522	6023678.309		1911.065	RS-700	-1.49015981132
6424	9/12/2019 9:40:27		-122.360	37.717	2088772.283	6023676.704		1963.289	RS-700	-1.16170289308
6425	9/12/2019 9:40:28		-122.360	37.717	2088773.045	6023675.012		2054.656	RS-700	-0.58707037736
6426	9/12/2019 9:40:29		-122.360	37.717	2088773.700	6023673.174		2034.664	RS-700	-0.71280660377
6427	9/12/2019 9:40:30		-122.360	37.717	2088774.611	6023671.311		1994.528	RS-700	-0.96523465409
6428	9/12/2019 9:40:31		-122.360	37.717	2088775.376	6023669.475		2137.301	RS-700	-0.06728679245
6429	9/12/2019 9:40:32		-122.360	37.717	2088776.248	6023667.785		1972.103	RS-700	-1.10627358491
6430	9/12/2019 9:40:33		-122.360	37.717	2088777.229	6023666.040		2037.737	RS-700	-0.69348100629
6431	9/12/2019 9:40:34		-122.360	37.717	2088778.243	6023664.498		1997.517	RS-700	-0.94643276730
6432	9/12/2019 9:40:35		-122.360	37.717	2088779.256	6023663.014		1911.593	RS-700	-1.48683421384
6433	9/12/2019 9:40:36		-122.360	37.717	2088780.196	6023661.528		2060.739	RS-700	-0.54881276730
6434	9/12/2019 9:40:37		-122.360	37.717	2088781.138	6023659.956		2071.162	RS-700	-0.48325943396
6435	9/12/2019 9:40:38		-122.360	37.717	2088782.116	6023658.384		2038.529	RS-700	-0.68849465409
6436	9/12/2019 9:40:39		-122.360	37.717	2088782.982	6023656.954		1994.212	RS-700	-0.96721874214
6437	9/12/2019 9:40:40		-122.360	37.717	2088783.848	6023655.496		2050.840	RS-700	-0.61107062893
6438	9/12/2019 9:40:41		-122.360	37.717	2088784.608	6023653.949		2059.641	RS-700	-0.55571433962
6439	9/12/2019 9:40:42		-122.360	37.717	2088785.330	6023652.401		2108.651	RS-700	-0.24747698113
6440	9/12/2019 9:40:43		-122.360	37.717	2088785.638	6023651.597		2093.762	RS-700	-0.34112075472
6441	9/12/2019 9:40:44		-122.360	37.717	2088785.714	6023651.425		2054.433	RS-700	-0.58846918239
6442	9/12/2019 9:40:45		-122.360	37.717	2088785.713	6023651.454		2062.359	RS-700	-0.53862477987
6443	9/12/2019 9:40:46		-122.360	37.717	2088785.713	6023651.454		1999.714	RS-700	-0.93261773585
6444	9/12/2019 9:40:47		-122.360	37.717	2088785.677	6023651.453		1998.918	RS-700	-0.93762528302
6445	9/12/2019 9:40:48		-122.360	37.717	2088785.713	6023651.454		2042.533	RS-700	-0.66331647799
6446	9/12/2019 9:40:49		-122.360	37.717	2088785.713	6023651.454		2044.920	RS-700	-0.64830371069
6447	9/12/2019 9:40:50		-122.360	37.717	2088785.713	6023651.454		2094.237	RS-700	-0.33813389937
6448	9/12/2019 9:40:51		-122.360	37.717	2088785.714	6023651.425		2076.163	RS-700	-0.45180534591
6449	9/12/2019 9:40:52		-122.360	37.717	2088785.714	6023651.396		2056.252	RS-700	-0.57703339623
6450	9/12/2019 9:40:53		-122.360	37.717	2088785.943	6023650.880		2056.636	RS-700	-0.57461345912
6451	9/12/2019 9:40:54		-122.360	37.717	2088786.622	6023649.736		2068.952	RS-700	-0.49715610063
6452	9/12/2019 9:40:55		-122.360	37.717	2088787.373	6023648.565		2107.970	RS-700	-0.25176037736
6453	9/12/2019 9:40:56		-122.360	37.717	2088788.417	6023647.371		2035.932	RS-700	-0.70483238994
6454	9/12/2019 9:40:57		-122.360	37.717	2088789.568	6023646.236		2103.972	RS-700	-0.27690679245
6455	9/12/2019 9:40:58		-122.360	37.717	2088790.830	6023645.075		2100.434	RS-700	-0.29915421384
6456	9/12/2019 9:40:59		-122.360	37.717	2088792.090	6023643.943		2078.167	RS-700	-0.43920276730
6457	9/12/2019 9:41:00		-122.360	37.717	2088793.502	6023642.554		2080.644	RS-700	-0.42362295598
6458	9/12/2019 9:41:01		-122.360	37.717	2088795.027	6023640.935		2099.174	RS-700	-0.30708100629
6459	9/12/2019 9:41:02		-122.360	37.717	2088796.295	6023639.456		1937.789	RS-700	-1.32208044025
6460	9/12/2019 9:41:03		-122.360	37.717	2088797.453	6023637.974		1947.609	RS-700	-1.26032106918
6461	9/12/2019 9:41:04		-122.360	37.717	2088798.611	6023636.522		2054.836	RS-700	-0.58593874214
6462	9/12/2019 9:41:05		-122.360	37.717	2088799.696	6023635.068		2030.834	RS-700	-0.73689515723
6463	9/12/2019 9:41:06		-122.360	37.717	2088800.816	6023633.702		1955.994	RS-700	-1.20758591195
6464	9/12/2019 9:41:07		-122.360	37.717	2088801.971	6023632.365		2079.855	RS-700	-0.42858371069
6465	9/12/2019 9:41:08		-122.360	37.717	2088803.088	6023631.172		1996.517	RS-700	-0.95272597484

Gamma Scan Survey Results
Survey Unit 4 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
6466	9/12/2019 9:41:09		-122.360	37.717	2088804.208	6023629.806		2053.843	RS-700	-0.59218509434
6467	9/12/2019 9:41:10		-122.360	37.717	2088805.365	6023628.353		2028.626	RS-700	-0.75078157233
6468	9/12/2019 9:41:11		-122.360	37.717	2088806.449	6023626.986		2025.505	RS-700	-0.77040660377
6469	9/12/2019 9:41:12		-122.360	37.717	2088807.345	6023625.876		2065.640	RS-700	-0.51798584906
6470	9/12/2019 9:41:13		-122.360	37.717	2088808.130	6023624.850		2078.066	RS-700	-0.43983905660
6471	9/12/2019 9:41:14		-122.360	37.717	2088808.916	6023623.766		2123.424	RS-700	-0.15456327044
6472	9/12/2019 9:41:15		-122.360	37.717	2088809.702	6023622.711		2041.646	RS-700	-0.66889283019
6473	9/12/2019 9:41:16		-122.360	37.717	2088810.487	6023621.685		2038.221	RS-700	-0.69043150943
6474	9/12/2019 9:41:17		-122.360	37.717	2088811.271	6023620.717		2100.895	RS-700	-0.29625962264
6475	9/12/2019 9:41:18		-122.360	37.717	2088812.056	6023619.720		2031.527	RS-700	-0.73253383648
6476	9/12/2019 9:41:19		-122.360	37.717	2088812.653	6023619.009		2071.851	RS-700	-0.47892616352
6477	9/12/2019 9:41:20		-122.360	37.717	2088812.654	6023618.951		1921.694	RS-700	-1.42330654088
6478	9/12/2019 9:41:21		-122.360	37.717	2088812.579	6023619.065		2172.335	RS-700	0.15305245283
6479	9/12/2019 9:41:22		-122.360	37.717	2088812.468	6023619.150		2063.733	RS-700	-0.52997993711
6480	9/12/2019 9:41:23		-122.360	37.717	2088812.468	6023619.150		2080.744	RS-700	-0.42299666667
6481	9/12/2019 9:41:24		-122.360	37.717	2088812.468	6023619.150		2118.293	RS-700	-0.18683402516
6482	9/12/2019 9:41:25		-122.360	37.717	2088812.432	6023619.149		2018.331	RS-700	-0.81552691824
6483	9/12/2019 9:41:26		-122.360	37.717	2088812.432	6023619.149		2067.054	RS-700	-0.50909352201
6484	9/12/2019 9:41:27		-122.360	37.717	2088812.395	6023619.148		1992.512	RS-700	-0.97791132076
6485	9/12/2019 9:41:28		-122.360	37.717	2088812.395	6023619.148		2046.836	RS-700	-0.63625226415
6486	9/12/2019 9:41:29		-122.360	37.717	2088812.395	6023619.148		2137.095	RS-700	-0.06858572327
6487	9/12/2019 9:41:30		-122.360	37.717	2088812.395	6023619.148		2038.829	RS-700	-0.68661238994
6488	9/12/2019 9:41:31		-122.360	37.717	2088812.395	6023619.148		2194.795	RS-700	0.29430540881
6489	9/12/2019 9:41:32		-122.360	37.717	2088812.395	6023619.148		2038.836	RS-700	-0.68656698113
6490	9/12/2019 9:41:33		-122.360	37.717	2088812.395	6023619.148		2111.761	RS-700	-0.22792006289
6491	9/12/2019 9:41:34		-122.360	37.717	2088812.395	6023619.148		1998.722	RS-700	-0.93885433962
6492	9/12/2019 9:41:35		-122.360	37.717	2088812.359	6023619.148		1980.518	RS-700	-1.05334786164
6493	9/12/2019 9:41:36		-122.360	37.717	2088812.359	6023619.148		2057.637	RS-700	-0.56832226415
6494	9/12/2019 9:41:37		-122.360	37.717	2088812.359	6023619.148		2103.561	RS-700	-0.27949157233
6495	9/12/2019 9:41:38		-122.360	37.717	2088812.358	6023619.177		2061.957	RS-700	-0.54115339623
6496	9/12/2019 9:41:39		-122.360	37.717	2088812.358	6023619.177		2117.297	RS-700	-0.19309905660
6497	9/12/2019 9:41:40		-122.360	37.717	2088812.395	6023619.177		2041.720	RS-700	-0.66842968554
6498	9/12/2019 9:41:41		-122.360	37.717	2088812.358	6023619.177		2061.948	RS-700	-0.54120465409
6499	9/12/2019 9:41:42		-122.360	37.717	2088812.358	6023619.177		2114.501	RS-700	-0.21068402516
6500	9/12/2019 9:41:43		-122.360	37.717	2088812.358	6023619.177		2076.853	RS-700	-0.44746773585
6501	9/12/2019 9:41:44		-122.360	37.717	2088812.358	6023619.206		2016.620	RS-700	-0.82628767296
6502	9/12/2019 9:41:45		-122.360	37.717	2088812.358	6023619.206		2108.393	RS-700	-0.24910276730
6503	9/12/2019 9:41:46		-122.360	37.717	2088812.358	6023619.206		2053.842	RS-700	-0.59218886793
6504	9/12/2019 9:41:47		-122.360	37.717	2088812.394	6023619.206		2113.083	RS-700	-0.21960610063
6505	9/12/2019 9:41:48		-122.360	37.717	2088812.394	6023619.206		2009.717	RS-700	-0.86970742138
6506	9/12/2019 9:41:49		-122.360	37.717	2088812.358	6023619.206		2020.133	RS-700	-0.80419333333
6507	9/12/2019 9:41:50		-122.360	37.717	2088812.358	6023619.206		2046.654	RS-700	-0.63739886793
6508	9/12/2019 9:41:51		-122.360	37.717	2088812.358	6023619.206		2089.857	RS-700	-0.36567635220
6509	9/12/2019 9:41:52		-122.360	37.717	2088812.358	6023619.206		2035.729	RS-700	-0.70610452830
6510	9/12/2019 9:41:53		-122.360	37.717	2088812.358	6023619.206		2045.949	RS-700	-0.64183226415
6511	9/12/2019 9:41:54		-122.360	37.717	2088812.358	6023619.206		2038.532	RS-700	-0.68847603774
6512	9/12/2019 9:41:55		-122.360	37.717	2088812.358	6023619.177		2074.838	RS-700	-0.46014132076
6513	9/12/2019 9:41:56		-122.360	37.717	2088812.358	6023619.177		1989.915	RS-700	-0.99424358491
6514	9/12/2019 9:41:57		-122.360	37.717	2088812.321	6023619.205		2055.534	RS-700	-0.58154509434
6515	9/12/2019 9:41:58		-122.360	37.717	2088812.621	6023618.777		2083.543	RS-700	-0.40538849057
6516	9/12/2019 9:41:59		-122.360	37.717	2088813.294	6023617.893		2132.661	RS-700	-0.09647320755
6517	9/12/2019 9:42:00		-122.360	37.717	2088814.153	6023616.811		2158.777	RS-700	0.06778194969
6518	9/12/2019 9:42:01		-122.360	37.717	2088814.940	6023615.727		2076.541	RS-700	-0.44942635220
6519	9/12/2019 9:42:02		-122.360	37.717	2088815.726	6023614.644		2113.610	RS-700	-0.21629069182
6520	9/12/2019 9:42:03		-122.360	37.717	2088816.695	6023613.535		2049.049	RS-700	-0.62233603774
6521	9/12/2019 9:42:04		-122.360	37.717	2088817.847	6023612.371		2122.199	RS-700	-0.16226805031
6522	9/12/2019 9:42:05		-122.360	37.717	2088818.963	6023611.207		2076.379	RS-700	-0.45044716981
6523	9/12/2019 9:42:06		-122.360	37.717	2088819.784	6023610.182		2071.744	RS-700	-0.47959874214
6524	9/12/2019 9:42:07		-122.360	37.717	2088820.495	6023609.242		2000.932	RS-700	-0.92495459120
6525	9/12/2019 9:42:08		-122.360	37.717	2088821.428	6023608.132		2079.854	RS-700	-0.42859339623
6526	9/12/2019 9:42:09		-122.360	37.717	2088822.325	6023606.935		1997.918	RS-700	-0.94391270440

Gamma Scan Survey Results
Survey Unit 4 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
6527	9/12/2019 9:42:10		-122.360	37.717	2088823.336	6023605.537		2049.534	RS-700	-0.61928471698
6528	9/12/2019 9:42:11		-122.360	37.717	2088824.420	6023604.141		2161.880	RS-700	0.08729597484
6529	9/12/2019 9:42:12		-122.360	37.717	2088825.395	6023602.743		1993.717	RS-700	-0.97033528302
6530	9/12/2019 9:42:13		-122.360	37.717	2088826.370	6023601.345		2089.650	RS-700	-0.36698220126
6531	9/12/2019 9:42:14		-122.360	37.717	2088827.455	6023599.891		2133.667	RS-700	-0.09014446541
6532	9/12/2019 9:42:15		-122.360	37.717	2088828.614	6023598.381		2050.633	RS-700	-0.61237270440
6533	9/12/2019 9:42:16		-122.360	37.717	2088829.884	6023596.786		2187.895	RS-700	0.25091352201
6534	9/12/2019 9:42:17		-122.360	37.717	2088831.153	6023595.220		2154.674	RS-700	0.04197201258
6535	9/12/2019 9:42:18		-122.360	37.717	2088832.386	6023593.682		1974.908	RS-700	-1.08863150943
6536	9/12/2019 9:42:19		-122.360	37.717	2088833.508	6023592.171		2066.542	RS-700	-0.51231138365
6537	9/12/2019 9:42:20		-122.360	37.717	2088834.520	6023590.716		2129.672	RS-700	-0.11526930818
6538	9/12/2019 9:42:21		-122.360	37.717	2088835.494	6023589.375		1969.915	RS-700	-1.12003308176
6539	9/12/2019 9:42:22		-122.360	37.717	2088836.577	6023588.008		2095.447	RS-700	-0.33052226415
6540	9/12/2019 9:42:23		-122.360	37.717	2088837.550	6023586.697		2113.868	RS-700	-0.21466842767
6541	9/12/2019 9:42:24		-122.360	37.717	2088838.561	6023585.299		2089.647	RS-700	-0.36699981132
6542	9/12/2019 9:42:25		-122.360	37.717	2088839.423	6023584.101		2143.525	RS-700	-0.02814327044
6543	9/12/2019 9:42:26		-122.360	37.717	2088840.358	6023582.876		2120.297	RS-700	-0.17423188679
6544	9/12/2019 9:42:27		-122.360	37.717	2088841.219	6023581.678		2073.741	RS-700	-0.46703905660
6545	9/12/2019 9:42:28		-122.360	37.717	2088842.153	6023580.481		2214.021	RS-700	0.41522660377
6546	9/12/2019 9:42:29		-122.360	37.717	2088843.121	6023579.430		2191.238	RS-700	0.27193899371
6547	9/12/2019 9:42:30		-122.360	37.717	2088844.125	6023578.380		2151.419	RS-700	0.02150226415
6548	9/12/2019 9:42:31		-122.360	37.717	2088845.354	6023577.016		2218.362	RS-700	0.44252572327
6549	9/12/2019 9:42:32		-122.360	37.717	2088846.872	6023575.773		2184.345	RS-700	0.22858509434
6550	9/12/2019 9:42:33		-122.360	37.717	2088848.241	6023574.701		2266.039	RS-700	0.74238138365
6551	9/12/2019 9:42:34		-122.360	37.717	2088849.759	6023573.458		2233.918	RS-700	0.54036308176
6552	9/12/2019 9:42:35		-122.360	37.717	2088851.238	6023572.330		2121.759	RS-700	-0.16503566038
6553	9/12/2019 9:42:36		-122.360	37.717	2088852.682	6023571.144		2092.964	RS-700	-0.34613849057
6554	9/12/2019 9:42:37		-122.360	37.717	2088853.940	6023570.127		2129.198	RS-700	-0.11825201258
6555	9/12/2019 9:42:38		-122.360	37.717	2088855.020	6023568.934		2085.954	RS-700	-0.39022345912
6556	9/12/2019 9:42:39		-122.360	37.717	2088855.584	6023568.048		2034.138	RS-700	-0.71611364780
6557	9/12/2019 9:42:40		-122.360	37.717	2088855.846	6023567.706		2130.767	RS-700	-0.10838383648
6558	9/12/2019 9:42:41		-122.360	37.717	2088855.997	6023567.449		2087.747	RS-700	-0.37894930818
6559	9/12/2019 9:42:42		-122.360	37.717	2088855.848	6023567.619		2046.146	RS-700	-0.64059320755
6560	9/12/2019 9:42:43		-122.360	37.717	2088855.174	6023568.532		2131.080	RS-700	-0.10641811321
6561	9/12/2019 9:42:44		-122.360	37.717	2088854.347	6023569.817		2121.187	RS-700	-0.16863647799
6562	9/12/2019 9:42:45		-122.360	37.717	2088853.668	6023570.990		2168.767	RS-700	0.13061119497
6563	9/12/2019 9:42:46		-122.360	37.717	2088852.991	6023572.105		2131.093	RS-700	-0.10633213837
6564	9/12/2019 9:42:47		-122.360	37.717	2088852.804	6023572.332		2215.801	RS-700	0.42641880503
6565	9/12/2019 9:42:48		-122.360	37.717	2088853.475	6023571.564		2161.888	RS-700	0.08734522013
6566	9/12/2019 9:42:49		-122.360	37.717	2088854.618	6023570.835		2252.135	RS-700	0.65493490566
6567	9/12/2019 9:42:50		-122.360	37.717	2088855.946	6023570.022		2112.654	RS-700	-0.22230245283
6568	9/12/2019 9:42:51		-122.360	37.717	2088857.601	6023569.187		2170.203	RS-700	0.13964314465
6569	9/12/2019 9:42:52		-122.360	37.717	2088859.073	6023568.407		2036.038	RS-700	-0.70416226415
6570	9/12/2019 9:42:53		-122.360	37.717	2088860.510	6023567.596		2104.476	RS-700	-0.27373396226
6571	9/12/2019 9:42:54		-122.360	37.717	2088861.659	6023566.578		2140.775	RS-700	-0.04544050314
6572	9/12/2019 9:42:55		-122.360	37.717	2088862.813	6023565.299		2180.988	RS-700	0.20747113208
6573	9/12/2019 9:42:56		-122.360	37.717	2088863.785	6023564.074		2094.412	RS-700	-0.33703371069
6574	9/12/2019 9:42:57		-122.360	37.717	2088864.682	6023562.906		2168.995	RS-700	0.13204308176
6575	9/12/2019 9:42:58		-122.360	37.717	2088865.359	6023561.849		2083.064	RS-700	-0.40839993711
6576	9/12/2019 9:42:59		-122.360	37.717	2088865.660	6023561.334		2144.768	RS-700	-0.02032610063
6577	9/12/2019 9:43:00		-122.360	37.717	2088866.188	6023560.448		2070.055	RS-700	-0.49022125786
6578	9/12/2019 9:43:01		-122.360	37.717	2088866.787	6023559.592		2120.292	RS-700	-0.17426440252
6579	9/12/2019 9:43:02		-122.360	37.717	2088867.167	6023558.789		2117.296	RS-700	-0.19310779874
6580	9/12/2019 9:43:03		-122.360	37.717	2088867.734	6023557.788		2071.770	RS-700	-0.47943119497
6581	9/12/2019 9:43:04		-122.361	37.717	2088868.192	6023556.726		2141.194	RS-700	-0.04280654088
6582	9/12/2019 9:43:05		-122.361	37.717	2088868.726	6023555.493		1988.915	RS-700	-1.00053396226
6583	9/12/2019 9:43:06		-122.361	37.717	2088869.556	6023554.063		2111.076	RS-700	-0.23222446541
6584	9/12/2019 9:43:07		-122.361	37.717	2088870.647	6023552.291		2048.330	RS-700	-0.62685389937
6585	9/12/2019 9:43:08		-122.361	37.717	2088871.779	6023550.317		1875.772	RS-700	-1.71212389937
6586	9/12/2019 9:43:09		-122.361	37.717	2088872.836	6023548.429		2048.039	RS-700	-0.62868641509
6587	9/12/2019 9:43:10		-122.361	37.717	2088873.895	6023546.454		2061.222	RS-700	-0.54577402516

Gamma Scan Survey Results
Survey Unit 4 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
6588	9/12/2019 9:43:11		-122.361	37.717	2088875.028	6023544.451		2023.041	RS-700	-0.78590339623
6589	9/12/2019 9:43:12		-122.361	37.717	2088876.123	6023542.506		1978.605	RS-700	-1.06537786164
6590	9/12/2019 9:43:13		-122.361	37.717	2088877.106	6023540.674		1935.402	RS-700	-1.33709415094
6591	9/12/2019 9:43:14		-122.361	37.717	2088878.124	6023538.929		1951.096	RS-700	-1.23839113208
6592	9/12/2019 9:43:15		-122.361	37.717	2088879.138	6023537.358		1983.915	RS-700	-1.03197987421
6593	9/12/2019 9:43:16		-122.361	37.717	2088880.188	6023535.846		1983.719	RS-700	-1.03321251572
6594	9/12/2019 9:43:17		-122.361	37.717	2088881.311	6023534.306		2008.722	RS-700	-0.87596389937
6595	9/12/2019 9:43:18		-122.361	37.717	2088882.249	6023532.965		2001.120	RS-700	-0.92377572327
6596	9/12/2019 9:43:19		-122.361	37.717	2088883.113	6023531.622		1982.616	RS-700	-1.04015364780
6597	9/12/2019 9:43:20		-122.361	37.717	2088883.969	6023530.713		2042.636	RS-700	-0.66266654088
6598	9/12/2019 9:43:21		-122.361	37.717	2088885.011	6023529.577		2065.259	RS-700	-0.52038176101
6599	9/12/2019 9:43:22		-122.361	37.717	2088886.272	6023528.416		2091.753	RS-700	-0.35375477987
6600	9/12/2019 9:43:23		-122.361	37.717	2088887.092	6023527.506		2068.152	RS-700	-0.50218572327
6601	9/12/2019 9:43:24		-122.361	37.717	2088887.315	6023527.250		1968.412	RS-700	-1.12948232704
6602	9/12/2019 9:43:25		-122.361	37.717	2088888.060	6023526.397		1715.547	RS-700	-2.71982930818
6603	9/12/2019 9:43:26		-122.361	37.717	2088889.027	6023525.404		1898.305	RS-700	-1.57040867925
6604	9/12/2019 9:43:27		-122.361	37.717	2088889.218	6023524.945		2092.647	RS-700	-0.34812943396
6605	9/12/2019 9:43:28		-122.361	37.717	2088889.967	6023523.947		2135.768	RS-700	-0.07693264151
6606	9/12/2019 9:43:29		-122.361	37.717	2088890.716	6023522.892		2109.972	RS-700	-0.23916886793
6607	9/12/2019 9:43:30		-122.361	37.717	2088891.725	6023521.581		2118.187	RS-700	-0.18750289308
6608	9/12/2019 9:43:31		-122.361	37.717	2088892.957	6023520.072		2187.672	RS-700	0.24950767296
6609	9/12/2019 9:43:32		-122.361	37.717	2088894.229	6023518.362		2094.752	RS-700	-0.33489603774
6610	9/12/2019 9:43:33		-122.361	37.717	2088895.574	6023516.682		2153.893	RS-700	0.03706547170
6611	9/12/2019 9:43:34		-122.361	37.717	2088896.953	6023515.089		2159.672	RS-700	0.07340817610
6612	9/12/2019 9:43:35		-122.361	37.717	2088898.409	6023513.295		2110.656	RS-700	-0.23486773585
6613	9/12/2019 9:43:36		-122.361	37.717	2088899.862	6023511.675		2168.665	RS-700	0.12996610063
6614	9/12/2019 9:43:37		-122.361	37.717	2088901.169	6023510.023		2144.881	RS-700	-0.01961893082
6615	9/12/2019 9:43:38		-122.361	37.717	2088902.660	6023508.288		2199.234	RS-700	0.32222540881
6616	9/12/2019 9:43:39		-122.361	37.717	2088904.080	6023506.494		2170.342	RS-700	0.14051867925
6617	9/12/2019 9:43:40		-122.361	37.717	2088905.427	6023504.698		2289.941	RS-700	0.89271339623
6618	9/12/2019 9:43:41		-122.361	37.717	2088906.734	6023503.046		2243.377	RS-700	0.59985402516
6619	9/12/2019 9:43:42		-122.361	37.717	2088908.041	6023501.423		2227.474	RS-700	0.49983748428
6620	9/12/2019 9:43:43		-122.361	37.717	2088909.092	6023499.881		2195.461	RS-700	0.29849635220
6621	9/12/2019 9:43:44		-122.361	37.717	2088910.101	6023498.571		2186.119	RS-700	0.23974176101
6622	9/12/2019 9:43:45		-122.361	37.717	2088911.225	6023496.973		2117.297	RS-700	-0.19309805031
6623	9/12/2019 9:43:46		-122.361	37.717	2088912.391	6023495.145		2021.626	RS-700	-0.79480522013
6624	9/12/2019 9:43:47		-122.361	37.717	2088913.660	6023493.579		2232.916	RS-700	0.53406534591
6625	9/12/2019 9:43:48		-122.361	37.717	2088914.859	6023491.896		2198.018	RS-700	0.31457767296
6626	9/12/2019 9:43:49		-122.361	37.717	2088915.986	6023490.153		2197.113	RS-700	0.30888943396
6627	9/12/2019 9:43:50		-122.361	37.717	2088917.112	6023488.469		2148.760	RS-700	0.00478050314
6628	9/12/2019 9:43:51		-122.361	37.717	2088918.272	6023486.930		2113.342	RS-700	-0.21797591195
6629	9/12/2019 9:43:52		-122.361	37.717	2088919.395	6023485.390		1980.176	RS-700	-1.05549849057
6630	9/12/2019 9:43:53		-122.361	37.717	2088920.483	6023483.791		1966.385	RS-700	-1.14223327044
6631	9/12/2019 9:43:54		-122.361	37.717	2088921.572	6023482.135		2001.313	RS-700	-0.92255861635
6632	9/12/2019 9:43:55		-122.361	37.717	2088922.696	6023480.566		2172.333	RS-700	0.15304031447
6633	9/12/2019 9:43:56		-122.361	37.717	2088923.781	6023479.083		2134.625	RS-700	-0.08411823899
6634	9/12/2019 9:43:57		-122.361	37.717	2088924.863	6023477.803		2195.902	RS-700	0.30126981132
6635	9/12/2019 9:43:58		-122.361	37.717	2088926.021	6023476.322		2058.946	RS-700	-0.56008528302
6636	9/12/2019 9:43:59		-122.361	37.717	2088927.371	6023474.410		2192.337	RS-700	0.27884761006
6637	9/12/2019 9:44:00		-122.361	37.717	2088928.721	6023472.412		2170.659	RS-700	0.14250968554
6638	9/12/2019 9:44:01		-122.361	37.717	2088929.888	6023470.526		2165.349	RS-700	0.10911157233
6639	9/12/2019 9:44:02		-122.361	37.717	2088931.277	6023468.441		2162.342	RS-700	0.09019924528
6640	9/12/2019 9:44:03		-122.361	37.717	2088932.705	6023466.213		2112.192	RS-700	-0.22520823899
6641	9/12/2019 9:44:04		-122.361	37.717	2088934.128	6023464.245		2198.687	RS-700	0.31878842767
6642	9/12/2019 9:44:05		-122.361	37.717	2088935.517	6023462.190		2170.784	RS-700	0.14329559748
6643	9/12/2019 9:44:06		-122.361	37.717	2088937.085	6023460.225		2110.991	RS-700	-0.23276006289
6644	9/12/2019 9:44:07		-122.361	37.717	2088938.764	6023458.204		2096.868	RS-700	-0.32158540881
6645	9/12/2019 9:44:08		-122.361	37.717	2088940.369	6023456.269		2155.877	RS-700	0.04954352201
6646	9/12/2019 9:44:09		-122.361	37.717	2088941.716	6023454.444		2077.059	RS-700	-0.44617062893
6647	9/12/2019 9:44:10		-122.361	37.717	2088942.953	6023452.704		1993.217	RS-700	-0.97348025157
6648	9/12/2019 9:44:11		-122.361	37.717	2088944.227	6023450.907		2093.751	RS-700	-0.34119044025

Gamma Scan Survey Results
Survey Unit 4 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
6649	9/12/2019 9:44:12		-122.361	37.717	2088945.466	6023449.022		2053.736	RS-700	-0.59285327044
6650	9/12/2019 9:44:13		-122.361	37.717	2088946.782	6023446.936		2165.014	RS-700	0.10700893082
6651	9/12/2019 9:44:14		-122.361	37.717	2088948.241	6023444.969		2119.766	RS-700	-0.17757327044
6652	9/12/2019 9:44:15		-122.361	37.717	2088949.623	6023443.232		2142.307	RS-700	-0.03580402516
6653	9/12/2019 9:44:16		-122.361	37.717	2088951.006	6023441.465		2204.793	RS-700	0.35719044025
6654	9/12/2019 9:44:17		-122.361	37.717	2088952.503	6023439.470		2214.677	RS-700	0.41935503145
6655	9/12/2019 9:44:18		-122.361	37.717	2088954.147	6023437.362		2270.064	RS-700	0.76770044025
6656	9/12/2019 9:44:19		-122.361	37.717	2088955.716	6023435.397		2247.276	RS-700	0.62438000000
6657	9/12/2019 9:44:20		-122.361	37.717	2088957.061	6023433.688		2180.223	RS-700	0.20266094340
6658	9/12/2019 9:44:21		-122.361	37.717	2088958.520	6023431.750		2248.487	RS-700	0.63199515723
6659	9/12/2019 9:44:22		-122.361	37.717	2088959.870	6023429.780		2238.674	RS-700	0.57027710692
6660	9/12/2019 9:44:23		-122.361	37.717	2088961.070	6023428.039		2219.577	RS-700	0.45017138365
6661	9/12/2019 9:44:24		-122.361	37.717	2088962.081	6023426.642		2082.334	RS-700	-0.41299238994
6662	9/12/2019 9:44:25		-122.361	37.717	2088962.942	6023425.444		1717.727	RS-700	-2.70611899371
6663	9/12/2019 9:44:26		-122.361	37.717	2088963.881	6023424.045		1278.139	RS-700	-5.47082132075
6664	9/12/2019 9:44:27		-122.361	37.717	2088964.894	6023422.561		1110.250	RS-700	-6.52673050314
6665	9/12/2019 9:44:28		-122.361	37.717	2088965.983	6023420.876		1354.084	RS-700	-4.99318138365
6666	9/12/2019 9:44:29		-122.361	37.717	2088967.217	6023419.280		1953.808	RS-700	-1.22133226415
6667	9/12/2019 9:44:30		-122.361	37.717	2088968.347	6023417.393		2209.123	RS-700	0.38442056604
6668	9/12/2019 9:44:31		-122.361	37.717	2088969.619	6023415.683		2199.455	RS-700	0.32361855346
6669	9/12/2019 9:44:32		-122.361	37.717	2088970.930	6023413.857		2251.697	RS-700	0.65218150943
6670	9/12/2019 9:44:33		-122.361	37.717	2088972.388	6023411.948		2124.557	RS-700	-0.14744050315
6671	9/12/2019 9:44:34		-122.361	37.717	2088973.846	6023410.067		2124.613	RS-700	-0.14708654088
6672	9/12/2019 9:44:35		-122.361	37.717	2088975.411	6023408.276		2137.070	RS-700	-0.06874113208
6673	9/12/2019 9:44:36		-122.361	37.717	2088976.793	6023406.568		2211.795	RS-700	0.40122433962
6674	9/12/2019 9:44:37		-122.361	37.717	2088978.176	6023404.772		2100.168	RS-700	-0.30083163522
6675	9/12/2019 9:44:38		-122.361	37.717	2088979.557	6023403.093		2036.432	RS-700	-0.70168270440
6676	9/12/2019 9:44:39		-122.361	37.717	2088980.938	6023401.414		2148.562	RS-700	0.00353345912
6677	9/12/2019 9:44:40		-122.361	37.717	2088982.281	6023399.791		2086.646	RS-700	-0.38587679245
6678	9/12/2019 9:44:41		-122.361	37.717	2088983.589	6023398.110		2143.222	RS-700	-0.03005333333
6679	9/12/2019 9:44:42		-122.361	37.717	2088984.748	6023396.600		2096.964	RS-700	-0.32098075472
6680	9/12/2019 9:44:43		-122.361	37.717	2088985.759	6023395.232		2154.989	RS-700	0.04395610063
6681	9/12/2019 9:44:44		-122.361	37.717	2088986.844	6023393.749		2268.592	RS-700	0.75844238994
6682	9/12/2019 9:44:45		-122.361	37.717	2088987.972	6023392.006		2237.249	RS-700	0.56131559748
6683	9/12/2019 9:44:46		-122.361	37.717	2088989.247	6023390.151		2239.252	RS-700	0.57391226415
6684	9/12/2019 9:44:47		-122.361	37.717	2088990.560	6023388.210		2201.234	RS-700	0.33480578616
6685	9/12/2019 9:44:48		-122.361	37.717	2088991.871	6023386.385		2104.863	RS-700	-0.27130000000
6686	9/12/2019 9:44:49		-122.361	37.717	2088993.071	6023384.644		2207.913	RS-700	0.37681094340
6687	9/12/2019 9:44:50		-122.361	37.717	2088994.198	6023382.902		2218.365	RS-700	0.44254968554
6688	9/12/2019 9:44:51		-122.361	37.717	2088995.436	6023381.104		2160.888	RS-700	0.08105377358
6689	9/12/2019 9:44:52		-122.361	37.717	2088996.561	6023379.477		2122.400	RS-700	-0.16100327044
6690	9/12/2019 9:44:53		-122.361	37.717	2088997.536	6023378.079		2043.147	RS-700	-0.65945264151
6691	9/12/2019 9:44:54		-122.361	37.717	2088998.546	6023376.739		2161.549	RS-700	0.08521352201
6692	9/12/2019 9:44:55		-122.361	37.717	2088999.593	6023375.342		2106.545	RS-700	-0.26072283019
6693	9/12/2019 9:44:56		-122.361	37.717	2089000.677	6023373.946		2028.622	RS-700	-0.75080591195
6694	9/12/2019 9:44:57		-122.361	37.717	2089002.169	6023372.153		2034.242	RS-700	-0.71545849057
6695	9/12/2019 9:44:58		-122.361	37.717	2089003.810	6023370.219		2054.635	RS-700	-0.58720062893
6696	9/12/2019 9:44:59		-122.361	37.717	2089005.417	6023368.168		2093.062	RS-700	-0.34552113208
6697	9/12/2019 9:45:00		-122.361	37.717	2089006.913	6023366.201		2078.961	RS-700	-0.43420471698
6698	9/12/2019 9:45:01		-122.361	37.717	2089008.297	6023364.377		2159.886	RS-700	0.07475735849
6699	9/12/2019 9:45:02		-122.361	37.717	2089009.754	6023362.526		2160.650	RS-700	0.07956006289
6700	9/12/2019 9:45:03		-122.361	37.717	2089011.393	6023360.678		2187.790	RS-700	0.25025276730
6701	9/12/2019 9:45:04		-122.361	37.717	2089013.070	6023358.773		2113.339	RS-700	-0.21799182390
6702	9/12/2019 9:45:05		-122.361	37.717	2089014.562	6023357.009		2195.893	RS-700	0.30121383648
6703	9/12/2019 9:45:06		-122.361	37.717	2089015.944	6023355.272		2042.770	RS-700	-0.66182566038
6704	9/12/2019 9:45:07		-122.361	37.717	2089017.145	6023353.473		2005.818	RS-700	-0.89422421384
6705	9/12/2019 9:45:08		-122.361	37.717	2089018.494	6023351.561		2063.230	RS-700	-0.53314628931
6706	9/12/2019 9:45:09		-122.361	37.717	2089019.809	6023349.534		2077.858	RS-700	-0.44114339623
6707	9/12/2019 9:45:10		-122.361	37.717	2089021.012	6023347.648		2017.924	RS-700	-0.81808754717
6708	9/12/2019 9:45:11		-122.361	37.717	2089022.214	6023345.792		2056.147	RS-700	-0.57769176101
6709	9/12/2019 9:45:12		-122.361	37.717	2089023.562	6023343.967		2034.936	RS-700	-0.71109169811

Gamma Scan Survey Results
Survey Unit 4 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
6710	9/12/2019 9:45:13		-122.361	37.717	2089025.085	6023342.435		2046.047	RS-700	-0.64121471698
6711	9/12/2019 9:45:14		-122.361	37.717	2089026.603	6023341.192		2030.818	RS-700	-0.73699327044
6712	9/12/2019 9:45:15		-122.361	37.717	2089028.199	6023339.719		2036.829	RS-700	-0.69919106918
6713	9/12/2019 9:45:16		-122.361	37.717	2089029.765	6023337.870		2110.865	RS-700	-0.23355044025
6714	9/12/2019 9:45:17		-122.361	37.717	2089031.109	6023336.190		2110.554	RS-700	-0.23551194969
6715	9/12/2019 9:45:18		-122.361	37.717	2089032.274	6023334.391		2100.333	RS-700	-0.29979408805
6716	9/12/2019 9:45:19		-122.361	37.717	2089033.659	6023332.509		2064.745	RS-700	-0.52361566038
6717	9/12/2019 9:45:20		-122.361	37.717	2089035.119	6023330.513		2171.672	RS-700	0.14887955975
6718	9/12/2019 9:45:21		-122.361	37.717	2089036.614	6023328.604		2017.828	RS-700	-0.81869150943
6719	9/12/2019 9:45:22		-122.361	37.717	2089038.147	6023326.609		2047.529	RS-700	-0.63189597484
6720	9/12/2019 9:45:23		-122.361	37.717	2089039.903	6023324.359		2094.649	RS-700	-0.33553861635
6721	9/12/2019 9:45:24		-122.361	37.717	2089041.546	6023322.309		2116.443	RS-700	-0.19846949686
6722	9/12/2019 9:45:25		-122.361	37.717	2089043.115	6023320.373		2074.067	RS-700	-0.46498603774
6723	9/12/2019 9:45:26		-122.361	37.717	2089044.792	6023318.410		2130.200	RS-700	-0.11195213837
6724	9/12/2019 9:45:27		-122.361	37.717	2089046.544	6023316.419		2086.536	RS-700	-0.38656660377
6725	9/12/2019 9:45:28		-122.361	37.717	2089048.074	6023314.540		2040.730	RS-700	-0.67465415094
6726	9/12/2019 9:45:29		-122.361	37.717	2089049.423	6023312.658		2072.159	RS-700	-0.47698993711
6727	9/12/2019 9:45:30		-122.361	37.717	2089050.809	6023310.689		2108.550	RS-700	-0.24811484277
6728	9/12/2019 9:45:31		-122.361	37.717	2089052.161	6023308.633		2049.531	RS-700	-0.61930446541
6729	9/12/2019 9:45:32		-122.361	37.717	2089053.586	6023306.608		2052.833	RS-700	-0.59853238994
6730	9/12/2019 9:45:33		-122.361	37.717	2089055.080	6023304.728		2131.876	RS-700	-0.10140660377
6731	9/12/2019 9:45:34		-122.361	37.717	2089056.609	6023302.936		2220.021	RS-700	0.45295968554
6732	9/12/2019 9:45:35		-122.361	37.717	2089058.281	6023301.233		2161.778	RS-700	0.08665144654
6733	9/12/2019 9:45:36		-122.361	37.717	2089060.027	6023299.532		2257.929	RS-700	0.69137729560
6734	9/12/2019 9:45:37		-122.361	37.717	2089061.882	6023297.804		2210.910	RS-700	0.39565886793
6735	9/12/2019 9:45:38		-122.361	37.717	2089063.738	6023296.076		2216.133	RS-700	0.42850893082
6736	9/12/2019 9:45:39		-122.361	37.717	2089065.595	6023294.262		2164.667	RS-700	0.10482672956
6737	9/12/2019 9:45:40		-122.361	37.717	2089067.341	6023292.532		2221.914	RS-700	0.46486943396
6738	9/12/2019 9:45:41		-122.361	37.717	2089068.902	6023290.943		2224.796	RS-700	0.48299496855
6739	9/12/2019 9:45:42		-122.361	37.717	2089069.982	6023289.720		2152.667	RS-700	0.02935213836
6740	9/12/2019 9:45:43		-122.361	37.717	2089070.655	6023288.866		2210.018	RS-700	0.39005201258
6741	9/12/2019 9:45:44		-122.361	37.717	2089071.306	6023287.259		2061.740	RS-700	-0.54251622642
6742	9/12/2019 9:45:45		-122.361	37.717	2089071.777	6023285.532		2138.981	RS-700	-0.05672333333
6743	9/12/2019 9:45:46		-122.361	37.717	2089072.097	6023284.092		2032.930	RS-700	-0.72371314465
6744	9/12/2019 9:45:47		-122.361	37.717	2089072.482	6023283.058		1852.412	RS-700	-1.85904465409
6745	9/12/2019 9:45:48		-122.361	37.717	2089072.946	6023281.708		1601.583	RS-700	-3.43658723270
6746	9/12/2019 9:45:49		-122.361	37.717	2089073.554	6023280.418		1256.345	RS-700	-5.60789496855
6747	9/12/2019 9:45:50		-122.361	37.717	2089074.164	6023279.041		1186.194	RS-700	-6.04909735849
6748	9/12/2019 9:45:51		-122.361	37.718	2089074.770	6023277.896		1148.409	RS-700	-6.28673377358
6749	9/12/2019 9:45:52		-122.361	37.718	2089075.635	6023276.496		1610.336	RS-700	-3.38153440252
6750	9/12/2019 9:45:53		-122.361	37.718	2089076.716	6023275.273		2014.326	RS-700	-0.84071660377
6751	9/12/2019 9:45:54		-122.361	37.718	2089078.018	6023273.882		1975.519	RS-700	-1.08478490566
6752	9/12/2019 9:45:55		-122.362	37.718	2089079.473	6023272.175		2049.532	RS-700	-0.61929616352
6753	9/12/2019 9:45:56		-122.362	37.718	2089081.111	6023270.356		2089.644	RS-700	-0.36701836478
6754	9/12/2019 9:45:57		-122.362	37.718	2089082.865	6023268.221		2110.547	RS-700	-0.23555169811
6755	9/12/2019 9:45:58		-122.362	37.718	2089084.618	6023266.173		2096.755	RS-700	-0.32229339623
6756	9/12/2019 9:45:59		-122.362	37.718	2089086.262	6023264.065		2168.023	RS-700	0.12593050315
6757	9/12/2019 9:46:00		-122.362	37.718	2089087.833	6023261.984		2066.041	RS-700	-0.51546496855
6758	9/12/2019 9:46:01		-122.362	37.718	2089089.363	6023260.134		2086.166	RS-700	-0.38889018868
6759	9/12/2019 9:46:02		-122.362	37.718	2089090.967	6023258.228		2072.652	RS-700	-0.47388830189
6760	9/12/2019 9:46:03		-122.362	37.718	2089092.533	6023256.407		2063.053	RS-700	-0.53425641509
6761	9/12/2019 9:46:04		-122.362	37.718	2089093.955	6023254.468		2167.652	RS-700	0.12359735849
6762	9/12/2019 9:46:05		-122.362	37.718	2089095.340	6023252.586		2106.499	RS-700	-0.26101283019
6763	9/12/2019 9:46:06		-122.362	37.718	2089096.466	6023250.902		2177.786	RS-700	0.18733113208
6764	9/12/2019 9:46:07		-122.362	37.718	2089097.703	6023249.162		2128.980	RS-700	-0.11962062893
6765	9/12/2019 9:46:08		-122.362	37.718	2089098.906	6023247.276		2484.156	RS-700	2.11419169811
6766	9/12/2019 9:46:09		-122.362	37.718	2089100.039	6023245.245		2672.356	RS-700	1.39693900293
6767	9/12/2019 9:46:10		-122.362	37.718	2089101.421	6023243.508		2277.815	RS-700	0.23992542522
6768	9/12/2019 9:46:11		-122.362	37.718	2089102.584	6023241.795		1755.636	RS-700	-1.29139120235
6769	9/12/2019 9:46:12		-122.362	37.718	2089103.705	6023240.371		1662.841	RS-700	-1.56351692082
6770	9/12/2019 9:46:13		-122.362	37.718	2089105.198	6023238.520		2220.040	RS-700	0.07049744868

Gamma Scan Survey Results
Survey Unit 4 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
6771	9/12/2019 9:46:14		-122.362	37.718	2089106.692	6023236.640		2568.562	RS-700	1.09255598240
6772	9/12/2019 9:46:15		-122.362	37.718	2089108.038	6023234.931		2373.624	RS-700	0.52089123167
6773	9/12/2019 9:46:16		-122.362	37.718	2089109.343	6023233.395		2223.357	RS-700	0.08022483871
6774	9/12/2019 9:46:17		-122.362	37.718	2089110.685	6023231.831		2220.020	RS-700	0.07044079179
6775	9/12/2019 9:46:18		-122.362	37.718	2089112.068	6023230.064		2187.779	RS-700	-0.02410844575
6776	9/12/2019 9:46:19		-122.362	37.718	2089113.560	6023228.300		2193.571	RS-700	0.28660911950
6777	9/12/2019 9:46:20		-122.362	37.718	2089115.200	6023226.395		2105.970	RS-700	-0.26433911950
6778	9/12/2019 9:46:21		-122.362	37.718	2089116.987	6023224.434		2238.695	RS-700	0.57040566038
6779	9/12/2019 9:46:22		-122.362	37.718	2089118.738	6023222.444		2191.565	RS-700	0.27399641509
6780	9/12/2019 9:46:23		-122.362	37.718	2089120.420	6023220.279		2133.192	RS-700	-0.09313415094
6781	9/12/2019 9:46:24		-122.362	37.718	2089122.026	6023218.285		2091.861	RS-700	-0.35307767296
6782	9/12/2019 9:46:25		-122.362	37.718	2089123.521	6023216.377		2164.682	RS-700	0.10491698113
6783	9/12/2019 9:46:26		-122.362	37.718	2089125.053	6023214.411		2126.767	RS-700	-0.13354251572
6784	9/12/2019 9:46:27		-122.362	37.718	2089126.622	6023212.446		2197.120	RS-700	0.30893113208
6785	9/12/2019 9:46:28		-122.362	37.718	2089128.044	6023210.507		2149.872	RS-700	0.01177459120
6786	9/12/2019 9:46:29		-122.362	37.718	2089129.466	6023208.597		2223.689	RS-700	0.47603056604
6787	9/12/2019 9:46:30		-122.362	37.718	2089131.074	6023206.488		2074.538	RS-700	-0.46202459120
6788	9/12/2019 9:46:31		-122.362	37.718	2089132.720	6023204.293		2201.460	RS-700	0.33622930818
6789	9/12/2019 9:46:32		-122.362	37.718	2089134.291	6023202.213		2237.689	RS-700	0.56408352201
6790	9/12/2019 9:46:33		-122.362	37.718	2089135.452	6023200.616		2157.206	RS-700	0.05790238994
6791	9/12/2019 9:46:34		-122.362	37.718	2089136.574	6023199.105		2294.176	RS-700	0.91934767296
6792	9/12/2019 9:46:35		-122.362	37.718	2089137.625	6023197.535		2208.034	RS-700	0.37756937107
6793	9/12/2019 9:46:36		-122.362	37.718	2089138.787	6023195.909		2160.213	RS-700	0.07681220126
6794	9/12/2019 9:46:37		-122.362	37.718	2089140.027	6023193.995		2156.449	RS-700	0.05313949686
6795	9/12/2019 9:46:38		-122.362	37.718	2089141.376	6023192.084		2169.891	RS-700	0.13767729560
6796	9/12/2019 9:46:39		-122.362	37.718	2089142.613	6023190.286		2216.120	RS-700	0.42842861635
6797	9/12/2019 9:46:40		-122.362	37.718	2089143.853	6023188.401		2258.137	RS-700	0.69268471698
6798	9/12/2019 9:46:41		-122.362	37.718	2089145.201	6023186.518		2223.021	RS-700	0.47183182390
6799	9/12/2019 9:46:42		-122.362	37.718	2089146.624	6023184.579		2215.579	RS-700	0.42502339623
6800	9/12/2019 9:46:43		-122.362	37.718	2089148.302	6023182.588		2268.936	RS-700	0.76060446541
6801	9/12/2019 9:46:44		-122.362	37.718	2089149.872	6023180.594		2364.496	RS-700	1.36160817610
6802	9/12/2019 9:46:45		-122.362	37.718	2089151.326	6023178.887		2325.946	RS-700	1.11915427673
6803	9/12/2019 9:46:46		-122.362	37.718	2089152.888	6023177.269		2422.349	RS-700	1.72546352201
6804	9/12/2019 9:46:47		-122.362	37.718	2089154.379	6023175.505		2333.607	RS-700	1.16734157233
6805	9/12/2019 9:46:48		-122.362	37.718	2089156.021	6023173.541		2344.847	RS-700	1.23803138365
6806	9/12/2019 9:46:49		-122.362	37.718	2089157.666	6023171.404		2281.628	RS-700	0.84042622642
6807	9/12/2019 9:46:50		-122.362	37.718	2089159.242	6023169.063		2278.709	RS-700	0.82206691824
6808	9/12/2019 9:46:51		-122.362	37.718	2089160.747	6023166.663		2196.913	RS-700	0.30762867925
6809	9/12/2019 9:46:52		-122.362	37.718	2089162.321	6023164.409		2231.158	RS-700	0.52300415094
6810	9/12/2019 9:46:53		-122.362	37.718	2089163.931	6023162.214		2143.675	RS-700	-0.02720238994
6811	9/12/2019 9:46:54		-122.362	37.718	2089165.683	6023160.194		2137.452	RS-700	-0.06633761006
6812	9/12/2019 9:46:55		-122.362	37.718	2089167.431	6023158.349		2208.682	RS-700	0.38164968554
6813	9/12/2019 9:46:56		-122.362	37.718	2089169.069	6023156.559		2264.360	RS-700	0.73182566038
6814	9/12/2019 9:46:57		-122.362	37.718	2089170.635	6023154.738		2164.676	RS-700	0.10488226415
6815	9/12/2019 9:46:58		-122.362	37.718	2089172.386	6023152.748		2193.791	RS-700	0.28799163522
6816	9/12/2019 9:46:59		-122.362	37.718	2089174.065	6023150.727		2210.020	RS-700	0.39006408805
6817	9/12/2019 9:47:00		-122.362	37.718	2089175.709	6023148.677		2210.686	RS-700	0.39425427673
6818	9/12/2019 9:47:01		-122.362	37.718	2089177.282	6023146.452		2174.895	RS-700	0.16914786164
6819	9/12/2019 9:47:02		-122.362	37.718	2089179.078	6023144.086		2185.677	RS-700	0.23696477987
6820	9/12/2019 9:47:03		-122.362	37.718	2089180.871	6023141.808		2284.058	RS-700	0.85571283019
6821	9/12/2019 9:47:04		-122.362	37.718	2089182.477	6023139.815		2279.041	RS-700	0.82415597484
6822	9/12/2019 9:47:05		-122.362	37.718	2089183.712	6023138.132		2222.254	RS-700	0.46700446541
6823	9/12/2019 9:47:06		-122.362	37.718	2089184.460	6023137.163		2243.807	RS-700	0.60256037736
6824	9/12/2019 9:47:07		-122.362	37.718	2089184.348	6023137.277		2172.456	RS-700	0.15380855346
6825	9/12/2019 9:47:08		-122.362	37.718	2089183.600	6023138.246		2232.702	RS-700	0.53271628931
6826	9/12/2019 9:47:09		-122.362	37.718	2089183.310	6023138.211		2206.019	RS-700	0.36490062893
6827	9/12/2019 9:47:10		-122.362	37.718	2089182.484	6023139.439		2291.705	RS-700	0.90380301887
6828	9/12/2019 9:47:11		-122.362	37.718	2089182.094	6023140.762		2118.873	RS-700	-0.18318987421
6829	9/12/2019 9:47:12		-122.362	37.718	2089181.778	6023141.970		2227.135	RS-700	0.49770584906
6830	9/12/2019 9:47:13		-122.362	37.718	2089181.507	6023142.804		2199.117	RS-700	0.32149276730
6831	9/12/2019 9:47:14		-122.362	37.718	2089181.123	6023143.780		2231.691	RS-700	0.52636106918

Gamma Scan Survey Results
Survey Unit 4 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
6832	9/12/2019 9:47:15		-122.362	37.718	2089182.068	6023142.034		2268.364	RS-700	0.75700937107
6833	9/12/2019 9:47:16		-122.362	37.718	2089183.115	6023140.666		2175.566	RS-700	0.17337352201
6834	9/12/2019 9:47:17		-122.362	37.718	2089184.039	6023140.019		2292.723	RS-700	0.91021018868
6835	9/12/2019 9:47:18		-122.362	37.718	2089185.423	6023138.166		2250.373	RS-700	0.64385389937
6836	9/12/2019 9:47:19		-122.362	37.718	2089186.621	6023136.541		2217.352	RS-700	0.43617308176
6837	9/12/2019 9:47:20		-122.362	37.718	2089187.750	6023134.712		2340.844	RS-700	1.21285264151
6838	9/12/2019 9:47:21		-122.362	37.718	2089188.737	6023132.678		2283.933	RS-700	0.85492698113
6839	9/12/2019 9:47:22		-122.362	37.718	2089189.692	6023130.469		2218.570	RS-700	0.44383830189
6840	9/12/2019 9:47:23		-122.362	37.718	2089190.647	6023128.203		2197.134	RS-700	0.30902081761
6841	9/12/2019 9:47:24		-122.362	37.718	2089191.818	6023126.085		2207.796	RS-700	0.37607238994
6842	9/12/2019 9:47:25		-122.362	37.718	2089193.171	6023124.000		2268.588	RS-700	0.75841742138
6843	9/12/2019 9:47:26		-122.362	37.718	2089194.706	6023121.890		2273.816	RS-700	0.79129421384
6844	9/12/2019 9:47:27		-122.362	37.718	2089196.203	6023119.866		2227.916	RS-700	0.50261327044
6845	9/12/2019 9:47:28		-122.362	37.718	2089197.735	6023117.929		2196.791	RS-700	0.30686075472
6846	9/12/2019 9:47:29		-122.362	37.718	2089199.268	6023115.905		2237.242	RS-700	0.56127352201
6847	9/12/2019 9:47:30		-122.362	37.718	2089200.766	6023113.823		2258.805	RS-700	0.69688943396
6848	9/12/2019 9:47:31		-122.362	37.718	2089202.341	6023111.569		2280.047	RS-700	0.83048603774
6849	9/12/2019 9:47:32		-122.362	37.718	2089203.878	6023109.372		2348.962	RS-700	1.26391069182
6850	9/12/2019 9:47:33		-122.362	37.718	2089205.372	6023107.492		2227.577	RS-700	0.50048584906
6851	9/12/2019 9:47:34		-122.362	37.718	2089206.939	6023105.614		2229.026	RS-700	0.50959578616
6852	9/12/2019 9:47:35		-122.362	37.718	2089208.511	6023103.476		2314.833	RS-700	1.04926396226
6853	9/12/2019 9:47:36		-122.362	37.718	2089210.009	6023101.422		2360.953	RS-700	1.33932817610
6854	9/12/2019 9:47:37		-122.362	37.718	2089211.359	6023099.453		2285.279	RS-700	0.86338773585
6855	9/12/2019 9:47:38		-122.362	37.718	2089212.782	6023097.485		2286.177	RS-700	0.86903742138
6856	9/12/2019 9:47:39		-122.362	37.718	2089214.318	6023095.346		2378.632	RS-700	1.45051842767
6857	9/12/2019 9:47:40		-122.362	37.718	2089215.849	6023093.409		2311.376	RS-700	1.02752213836
6858	9/12/2019 9:47:41		-122.362	37.718	2089217.493	6023091.330		2370.497	RS-700	1.39935339623
6859	9/12/2019 9:47:42		-122.362	37.718	2089219.025	6023089.393		2319.299	RS-700	1.07735440252
6860	9/12/2019 9:47:43		-122.362	37.718	2089220.595	6023087.371		2291.405	RS-700	0.90191647799
6861	9/12/2019 9:47:44		-122.362	37.718	2089222.201	6023085.377		2299.050	RS-700	0.95000207547
6862	9/12/2019 9:47:45		-122.362	37.718	2089223.915	6023083.415		2278.935	RS-700	0.82349125786
6863	9/12/2019 9:47:46		-122.362	37.718	2089225.592	6023081.510		2326.063	RS-700	1.11989509434
6864	9/12/2019 9:47:47		-122.362	37.718	2089227.230	6023079.692		2220.689	RS-700	0.45716396226
6865	9/12/2019 9:47:48		-122.362	37.718	2089228.871	6023077.757		2268.931	RS-700	0.76057364780
6866	9/12/2019 9:47:49		-122.362	37.718	2089230.626	6023075.564		2203.016	RS-700	0.34601490566
6867	9/12/2019 9:47:50		-122.362	37.718	2089232.345	6023073.400		2238.227	RS-700	0.56746522013
6868	9/12/2019 9:47:51		-122.362	37.718	2089234.026	6023071.292		2149.876	RS-700	0.01179867925
6869	9/12/2019 9:47:52		-122.362	37.718	2089235.634	6023069.184		2199.007	RS-700	0.32080157233
6870	9/12/2019 9:47:53		-122.362	37.718	2089237.060	6023067.071		2161.785	RS-700	0.08669584906
6871	9/12/2019 9:47:54		-122.362	37.718	2089238.706	6023064.876		2154.235	RS-700	0.03921566038
6872	9/12/2019 9:47:55		-122.362	37.718	2089240.239	6023062.882		2107.803	RS-700	-0.25280867925
6873	9/12/2019 9:47:56		-122.362	37.718	2089241.770	6023060.945		2090.168	RS-700	-0.36372371069
6874	9/12/2019 9:47:57		-122.362	37.718	2089243.300	6023059.095		2077.055	RS-700	-0.44619477987
6875	9/12/2019 9:47:58		-122.362	37.718	2089244.978	6023057.132		2096.444	RS-700	-0.32425383648
6876	9/12/2019 9:47:59		-122.362	37.718	2089246.658	6023055.054		2165.676	RS-700	0.11117144654
6877	9/12/2019 9:48:00		-122.362	37.718	2089248.190	6023053.117		2131.779	RS-700	-0.10201641509
6878	9/12/2019 9:48:01		-122.362	37.718	2089249.869	6023051.096		2195.683	RS-700	0.29989547170
6879	9/12/2019 9:48:02		-122.362	37.718	2089251.588	6023048.903		2190.678	RS-700	0.26841754717
6880	9/12/2019 9:48:03		-122.362	37.718	2089253.305	6023046.825		2168.208	RS-700	0.12709188679
6881	9/12/2019 9:48:04		-122.362	37.718	2089254.910	6023044.832		2195.337	RS-700	0.29771974843
6882	9/12/2019 9:48:05		-122.362	37.718	2089256.480	6023042.809		2118.224	RS-700	-0.18727037736
6883	9/12/2019 9:48:06		-122.362	37.718	2089258.016	6023040.670		2151.767	RS-700	0.02368987421
6884	9/12/2019 9:48:07		-122.362	37.718	2089259.590	6023038.445		2166.769	RS-700	0.11804528302
6885	9/12/2019 9:48:08		-122.362	37.718	2089261.201	6023036.162		2262.168	RS-700	0.71803610063
6886	9/12/2019 9:48:09		-122.362	37.718	2089262.738	6023033.994		2237.350	RS-700	0.56194761006
6887	9/12/2019 9:48:10		-122.362	37.718	2089264.126	6023031.968		2289.054	RS-700	0.88713276730
6888	9/12/2019 9:48:11		-122.362	37.718	2089265.620	6023030.088		2162.998	RS-700	0.09432710692
6889	9/12/2019 9:48:12		-122.362	37.718	2089267.117	6023028.035		2169.998	RS-700	0.13835477987
6890	9/12/2019 9:48:13		-122.362	37.718	2089268.317	6023026.323		2183.345	RS-700	0.22229534591
6891	9/12/2019 9:48:14		-122.362	37.718	2089269.510	6023024.929		2110.864	RS-700	-0.23355974843
6892	9/12/2019 9:48:15		-122.362	37.718	2089270.704	6023023.478		2174.583	RS-700	0.16719157233

Gamma Scan Survey Results
Survey Unit 4 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
6893	9/12/2019 9:48:16		-122.362	37.718	2089271.602	6023022.281		2164.208	RS-700	0.10193672956
6894	9/12/2019 9:48:17		-122.362	37.718	2089272.350	6023021.283		2092.541	RS-700	-0.34879748428
6895	9/12/2019 9:48:18		-122.362	37.718	2089273.523	6023019.079		2246.692	RS-700	0.62070679245
6896	9/12/2019 9:48:19		-122.362	37.718	2089274.353	6023017.620		2220.575	RS-700	0.45644377359
6897	9/12/2019 9:48:20		-122.362	37.718	2089275.254	6023016.307		2285.594	RS-700	0.86537006289
6898	9/12/2019 9:48:21		-122.362	37.718	2089276.082	6023014.964		2127.763	RS-700	-0.12727364780
6899	9/12/2019 9:48:22		-122.362	37.718	2089277.209	6023013.192		2200.898	RS-700	0.33268955975
6900	9/12/2019 9:48:23		-122.362	37.718	2089278.633	6023011.225		2152.472	RS-700	0.02812427673
6901	9/12/2019 9:48:24		-122.362	37.718	2089280.272	6023009.377		2333.303	RS-700	1.16542792453
6902	9/12/2019 9:48:25		-122.362	37.718	2089281.909	6023007.645		2231.576	RS-700	0.52563830189
6903	9/12/2019 9:48:26		-122.362	37.718	2089283.360	6023006.082		2273.705	RS-700	0.79059679245
6904	9/12/2019 9:48:27		-122.362	37.718	2089284.702	6023004.547		2253.678	RS-700	0.66463981132
6905	9/12/2019 9:48:28		-122.362	37.718	2089286.119	6023002.897		2243.694	RS-700	0.60184779874
6906	9/12/2019 9:48:29		-122.362	37.718	2089287.429	6023001.101		2221.924	RS-700	0.46493138365
6907	9/12/2019 9:48:30		-122.362	37.718	2089288.633	6022999.157		2228.246	RS-700	0.50468955975
6908	9/12/2019 9:48:31		-122.362	37.718	2089289.693	6022997.153		2243.912	RS-700	0.60321779874
6909	9/12/2019 9:48:32		-122.362	37.718	2089290.712	6022995.322		2280.161	RS-700	0.83119943396
6910	9/12/2019 9:48:33		-122.362	37.718	2089291.765	6022993.694		2233.031	RS-700	0.53478446541
6911	9/12/2019 9:48:34		-122.362	37.718	2089292.629	6022992.323		2256.814	RS-700	0.68436452830
6912	9/12/2019 9:48:35		-122.362	37.718	2089293.605	6022990.895		2275.594	RS-700	0.80247880503
6913	9/12/2019 9:48:36		-122.362	37.718	2089294.581	6022989.411		2229.360	RS-700	0.51169496855
6914	9/12/2019 9:48:37		-122.362	37.718	2089295.557	6022987.954		2276.707	RS-700	0.80948062893
6915	9/12/2019 9:48:38		-122.363	37.718	2089296.788	6022986.504		2166.104	RS-700	0.11385880503
6916	9/12/2019 9:48:39		-122.363	37.718	2089298.351	6022984.799		2260.282	RS-700	0.70617314465
6917	9/12/2019 9:48:40		-122.363	37.718	2089300.059	6022983.155		2243.030	RS-700	0.59767433962
6918	9/12/2019 9:48:41		-122.363	37.718	2089301.693	6022981.596		2131.662	RS-700	-0.10275327044
6919	9/12/2019 9:48:42		-122.363	37.718	2089303.181	6022980.006		2266.706	RS-700	0.74658125786
6920	9/12/2019 9:48:43		-122.363	37.718	2089304.634	6022978.357		2211.573	RS-700	0.39982955975
6921	9/12/2019 9:48:44		-122.363	37.718	2089305.979	6022976.648		2350.604	RS-700	1.27423955975
6922	9/12/2019 9:48:45		-122.363	37.718	2089307.397	6022974.940		2240.254	RS-700	0.58021547170
6923	9/12/2019 9:48:46		-122.363	37.718	2089308.742	6022973.260		2313.179	RS-700	1.03886100629
6924	9/12/2019 9:48:47		-122.363	37.718	2089310.044	6022971.897		2303.639	RS-700	0.97886132076
6925	9/12/2019 9:48:48		-122.363	37.718	2089310.895	6022971.220		2228.130	RS-700	0.50395955975
6926	9/12/2019 9:48:49		-122.363	37.718	2089311.374	6022970.911		2219.802	RS-700	0.45158427673
6927	9/12/2019 9:48:50		-122.363	37.718	2089311.744	6022970.658		2315.715	RS-700	1.05481106918
6928	9/12/2019 9:48:51		-122.363	37.718	2089312.740	6022970.013		2172.567	RS-700	0.15451012579
6929	9/12/2019 9:48:52		-122.363	37.718	2089313.440	6022969.593		2282.941	RS-700	0.84868352201
6930	9/12/2019 9:48:53		-122.363	37.718	2089313.735	6022969.396		2285.165	RS-700	0.86267383648
6931	9/12/2019 9:48:54		-122.363	37.718	2089313.587	6022969.509		2221.241	RS-700	0.46063345912
6932	9/12/2019 9:48:55		-122.363	37.718	2089313.220	6022969.675		2166.892	RS-700	0.11881968554
6933	9/12/2019 9:48:56		-122.363	37.718	2089312.374	6022970.092		2191.666	RS-700	0.27463125786
6934	9/12/2019 9:48:57		-122.363	37.718	2089311.599	6022970.598		2210.347	RS-700	0.39211754717
6935	9/12/2019 9:48:58		-122.363	37.718	2089311.003	6022971.251		2315.066	RS-700	1.05073006289
6936	9/12/2019 9:48:59		-122.363	37.718	2089310.627	6022971.851		2236.153	RS-700	0.55442138365
6937	9/12/2019 9:49:00		-122.363	37.718	2089310.476	6022972.137		2287.285	RS-700	0.87600421384
6938	9/12/2019 9:49:01		-122.363	37.718	2089310.475	6022972.166		2218.463	RS-700	0.44316056604
6939	9/12/2019 9:49:02		-122.363	37.718	2089310.438	6022972.223		2242.584	RS-700	0.59486540881
6940	9/12/2019 9:49:03		-122.363	37.718	2089310.438	6022972.223		2283.834	RS-700	0.85430075472
6941	9/12/2019 9:49:04		-122.363	37.718	2089310.474	6022972.253		2314.602	RS-700	1.04781176101
6942	9/12/2019 9:49:05		-122.363	37.718	2089310.474	6022972.253		2301.599	RS-700	0.96603371069
6943	9/12/2019 9:49:06		-122.363	37.718	2089310.474	6022972.253		2170.878	RS-700	0.14388855346
6944	9/12/2019 9:49:07		-122.363	37.718	2089310.473	6022972.282		2214.131	RS-700	0.41591641509
6945	9/12/2019 9:49:08		-122.363	37.718	2089310.436	6022972.339		2224.689	RS-700	0.48232031447
6946	9/12/2019 9:49:09		-122.363	37.718	2089310.434	6022972.397		2296.056	RS-700	0.93117138365
6947	9/12/2019 9:49:10		-122.363	37.718	2089310.321	6022972.626		2249.698	RS-700	0.63961289308
6948	9/12/2019 9:49:11		-122.363	37.718	2089310.130	6022973.027		2251.061	RS-700	0.64818176101
6949	9/12/2019 9:49:12		-122.363	37.718	2089309.866	6022973.514		2138.443	RS-700	-0.06010666667
6950	9/12/2019 9:49:13		-122.363	37.718	2089309.524	6022974.201		2280.727	RS-700	0.83476238994
6951	9/12/2019 9:49:14		-122.363	37.718	2089309.218	6022974.948		2263.850	RS-700	0.72861641509
6952	9/12/2019 9:49:15		-122.363	37.718	2089308.909	6022975.867		2115.647	RS-700	-0.20347572327
6953	9/12/2019 9:49:16		-122.363	37.718	2089308.815	6022976.907		2222.691	RS-700	0.46975213837

Gamma Scan Survey Results
Survey Unit 4 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
6954	9/12/2019 9:49:17		-122.363	37.718	2089308.826	6022978.180		2201.462	RS-700	0.33623685535
6955	9/12/2019 9:49:18		-122.363	37.718	2089308.875	6022979.367		2259.161	RS-700	0.69912289308
6956	9/12/2019 9:49:19		-122.363	37.718	2089309.032	6022980.643		2310.602	RS-700	1.02265138365
6957	9/12/2019 9:49:20		-122.363	37.718	2089309.042	6022981.974		2254.040	RS-700	0.66691823899
6958	9/12/2019 9:49:21		-122.363	37.718	2089308.722	6022983.385		2285.280	RS-700	0.86339855346
6959	9/12/2019 9:49:22		-122.363	37.718	2089308.113	6022984.733		2293.599	RS-700	0.91571465409
6960	9/12/2019 9:49:23		-122.363	37.718	2089307.247	6022986.133		2325.069	RS-700	1.11364345912
6961	9/12/2019 9:49:24		-122.363	37.718	2089306.346	6022987.504		2265.379	RS-700	0.73823062893
6962	9/12/2019 9:49:25		-122.362	37.718	2089305.374	6022988.786		2292.947	RS-700	0.91161754717
6963	9/12/2019 9:49:26		-122.362	37.718	2089304.293	6022990.009		2271.580	RS-700	0.77723320755
6964	9/12/2019 9:49:27		-122.362	37.718	2089303.249	6022991.232		2238.033	RS-700	0.56624289308
6965	9/12/2019 9:49:28		-122.362	37.718	2089302.242	6022992.427		2310.069	RS-700	1.01929987421
6966	9/12/2019 9:49:29		-122.362	37.718	2089301.268	6022993.796		2184.457	RS-700	0.22929226415
6967	9/12/2019 9:49:30		-122.362	37.718	2089300.402	6022995.226		2356.610	RS-700	1.31201069182
6968	9/12/2019 9:49:31		-122.362	37.718	2089299.721	6022996.514		2279.594	RS-700	0.82763503145
6969	9/12/2019 9:49:32		-122.362	37.718	2089299.008	6022997.541		2297.050	RS-700	0.93742220126
6970	9/12/2019 9:49:33		-122.362	37.718	2089298.147	6022998.710		2276.052	RS-700	0.80535578616
6971	9/12/2019 9:49:34		-122.362	37.718	2089297.173	6023000.079		2303.714	RS-700	0.97933591195
6972	9/12/2019 9:49:35		-122.362	37.718	2089296.164	6023001.390		2257.133	RS-700	0.68637012579
6973	9/12/2019 9:49:36		-122.362	37.718	2089295.228	6023002.644		2256.815	RS-700	0.68437169811
6974	9/12/2019 9:49:37		-122.362	37.718	2089294.403	6023003.872		2341.199	RS-700	1.21508817610
6975	9/12/2019 9:49:38		-122.362	37.718	2089293.611	6023005.245		2375.841	RS-700	1.43295955975
6976	9/12/2019 9:49:39		-122.362	37.718	2089292.891	6023006.619		2135.977	RS-700	-0.07561742138
6977	9/12/2019 9:49:40		-122.362	37.718	2089291.988	6023008.077		2352.201	RS-700	1.28428396226
6978	9/12/2019 9:49:41		-122.362	37.718	2089290.941	6023009.473		2225.467	RS-700	0.48721452830
6979	9/12/2019 9:49:42		-122.362	37.718	2089289.935	6023010.611		2186.224	RS-700	0.24040402516
6980	9/12/2019 9:49:43		-122.362	37.718	2089288.963	6023011.864		2264.253	RS-700	0.73114855346
6981	9/12/2019 9:49:44		-122.362	37.718	2089287.954	6023013.146		2364.196	RS-700	1.35972207547
6982	9/12/2019 9:49:45		-122.362	37.718	2089287.091	6023014.402		2263.815	RS-700	0.72839547170
6983	9/12/2019 9:49:46		-122.362	37.718	2089286.269	6023015.485		2206.136	RS-700	0.36563364780
6984	9/12/2019 9:49:47		-122.362	37.718	2089285.338	6023016.508		2230.794	RS-700	0.52071716981
6985	9/12/2019 9:49:48		-122.362	37.718	2089284.371	6023017.501		2233.476	RS-700	0.53758245283
6986	9/12/2019 9:49:49		-122.362	37.718	2089283.295	6023018.521		2198.462	RS-700	0.31737389937
6987	9/12/2019 9:49:50		-122.362	37.718	2089282.327	6023019.543		2286.586	RS-700	0.87160962264
6988	9/12/2019 9:49:51		-122.362	37.718	2089281.471	6023020.510		2162.213	RS-700	0.08938786164
6989	9/12/2019 9:49:52		-122.362	37.718	2089280.796	6023021.451		2289.739	RS-700	0.89144113208
6990	9/12/2019 9:49:53		-122.362	37.718	2089280.233	6023022.308		2129.447	RS-700	-0.11668553459
6991	9/12/2019 9:49:54		-122.362	37.718	2089279.670	6023023.164		2215.125	RS-700	0.42216786164
6992	9/12/2019 9:49:55		-122.362	37.718	2089279.181	6023023.907		2106.859	RS-700	-0.25874654088
6993	9/12/2019 9:49:56		-122.362	37.718	2089278.581	6023024.792		2222.570	RS-700	0.46899433962
6994	9/12/2019 9:49:57		-122.362	37.718	2089277.982	6023025.590		2243.269	RS-700	0.59917515723
6995	9/12/2019 9:49:58		-122.362	37.718	2089277.457	6023026.360		2197.676	RS-700	0.31242886793
6996	9/12/2019 9:49:59		-122.362	37.718	2089276.856	6023027.274		2284.165	RS-700	0.85638194969
6997	9/12/2019 9:50:00		-122.362	37.718	2089276.067	6023028.503		2156.775	RS-700	0.05518761006
6998	9/12/2019 9:50:01		-122.362	37.718	2089275.277	6023029.789		2270.594	RS-700	0.77103075472
6999	9/12/2019 9:50:02		-122.362	37.718	2089274.561	6023030.989		2244.822	RS-700	0.60894289308
7000	9/12/2019 9:50:03		-122.362	37.718	2089273.844	6023032.219		2123.769	RS-700	-0.15239440252
7001	9/12/2019 9:50:04		-122.362	37.718	2089273.053	6023033.534		2148.234	RS-700	0.00147251572
7002	9/12/2019 9:50:05		-122.362	37.718	2089272.265	6023034.705		2283.276	RS-700	0.85079163522
7003	9/12/2019 9:50:06		-122.362	37.718	2089271.402	6023036.018		2029.335	RS-700	-0.74631779874
7004	9/12/2019 9:50:07		-122.362	37.718	2089270.575	6023037.275		2167.683	RS-700	0.12379012579
7005	9/12/2019 9:50:08		-122.362	37.718	2089269.865	6023038.186		2093.653	RS-700	-0.34180503145
7006	9/12/2019 9:50:09		-122.362	37.718	2089269.119	6023039.068		2177.566	RS-700	0.18594830189
7007	9/12/2019 9:50:10		-122.362	37.718	2089268.297	6023040.151		2201.796	RS-700	0.33834125786
7008	9/12/2019 9:50:11		-122.362	37.718	2089267.510	6023041.264		2217.016	RS-700	0.43406257862
7009	9/12/2019 9:50:12		-122.362	37.718	2089266.682	6023042.578		2198.119	RS-700	0.31521402516
7010	9/12/2019 9:50:13		-122.362	37.718	2089265.933	6023043.605		2187.769	RS-700	0.25011981132
7011	9/12/2019 9:50:14		-122.362	37.718	2089265.149	6023044.573		2192.673	RS-700	0.28096396226
7012	9/12/2019 9:50:15		-122.362	37.718	2089264.328	6023045.569		2131.886	RS-700	-0.10134679245
7013	9/12/2019 9:50:16		-122.362	37.718	2089263.433	6023046.651		2099.755	RS-700	-0.30342610063
7014	9/12/2019 9:50:17		-122.362	37.718	2089262.533	6023047.935		2146.634	RS-700	-0.00859006289

Gamma Scan Survey Results
Survey Unit 4 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
7015	9/12/2019 9:50:18		-122.362	37.718	2089261.706	6023049.220		2159.864	RS-700	0.07461830189
7016	9/12/2019 9:50:19		-122.362	37.718	2089260.918	6023050.419		2100.440	RS-700	-0.29911773585
7017	9/12/2019 9:50:20		-122.362	37.718	2089260.208	6023051.331		2129.195	RS-700	-0.11826968554
7018	9/12/2019 9:50:21		-122.362	37.718	2089259.498	6023052.214		2153.463	RS-700	0.03435798742
7019	9/12/2019 9:50:22		-122.362	37.718	2089258.753	6023053.067		2177.781	RS-700	0.18729911950
7020	9/12/2019 9:50:23		-122.362	37.718	2089257.821	6023054.119		2111.553	RS-700	-0.22922691824
7021	9/12/2019 9:50:24		-122.362	37.718	2089256.813	6023055.371		2113.858	RS-700	-0.21472679245
7022	9/12/2019 9:50:25		-122.362	37.718	2089255.914	6023056.626		2044.838	RS-700	-0.64882031447
7023	9/12/2019 9:50:26		-122.362	37.718	2089255.051	6023057.911		2021.829	RS-700	-0.79353018868
7024	9/12/2019 9:50:27		-122.362	37.718	2089254.112	6023059.310		1954.903	RS-700	-1.21444396226
7025	9/12/2019 9:50:28		-122.362	37.718	2089253.211	6023060.681		2046.532	RS-700	-0.63816056604
7026	9/12/2019 9:50:29		-122.362	37.718	2089252.314	6023061.820		2123.192	RS-700	-0.15602748428
7027	9/12/2019 9:50:30		-122.362	37.718	2089251.382	6023062.901		2180.785	RS-700	0.20619440252
7028	9/12/2019 9:50:31		-122.362	37.718	2089250.376	6023064.067		2294.956	RS-700	0.92425446541
7029	9/12/2019 9:50:32		-122.362	37.718	2089249.515	6023065.236		2156.775	RS-700	0.05519150943
7030	9/12/2019 9:50:33		-122.362	37.718	2089248.658	6023066.203		2220.372	RS-700	0.45516729560
7031	9/12/2019 9:50:34		-122.362	37.718	2089247.839	6023067.083		2100.281	RS-700	-0.30011911950
7032	9/12/2019 9:50:35		-122.362	37.718	2089246.800	6023068.075		1994.819	RS-700	-0.96340044025
7033	9/12/2019 9:50:36		-122.362	37.718	2089245.836	6023068.924		2151.515	RS-700	0.02210666667
7034	9/12/2019 9:50:37		-122.362	37.718	2089244.872	6023069.772		2158.994	RS-700	0.06914264151
7035	9/12/2019 9:50:38		-122.362	37.718	2089244.017	6023070.681		2136.447	RS-700	-0.07265767296
7036	9/12/2019 9:50:39		-122.362	37.718	2089243.159	6023071.706		2139.563	RS-700	-0.05306251572
7037	9/12/2019 9:50:40		-122.362	37.718	2089242.300	6023072.759		2181.113	RS-700	0.20825553459
7038	9/12/2019 9:50:41		-122.362	37.718	2089241.478	6023073.813		2205.796	RS-700	0.36349899371
7039	9/12/2019 9:50:42		-122.362	37.718	2089240.582	6023074.894		2228.914	RS-700	0.50889113208
7040	9/12/2019 9:50:43		-122.362	37.718	2089239.722	6023076.006		2220.133	RS-700	0.45366836478
7041	9/12/2019 9:50:44		-122.362	37.718	2089238.791	6023077.058		2282.820	RS-700	0.84792314465
7042	9/12/2019 9:50:45		-122.362	37.718	2089237.896	6023078.110		2347.317	RS-700	1.25356597484
7043	9/12/2019 9:50:46		-122.362	37.718	2089237.113	6023079.049		2345.739	RS-700	1.24364169811
7044	9/12/2019 9:50:47		-122.362	37.718	2089236.326	6023080.133		2456.639	RS-700	1.94112603774
7045	9/12/2019 9:50:48		-122.362	37.718	2089235.538	6023081.303		2364.081	RS-700	1.35899798742
7046	9/12/2019 9:50:49		-122.362	37.718	2089234.786	6023082.475		2373.854	RS-700	1.42046666667
7047	9/12/2019 9:50:50		-122.362	37.718	2089234.180	6023083.678		2458.134	RS-700	1.95052874214
7048	9/12/2019 9:50:51		-122.362	37.718	2089233.576	6023084.736		2398.704	RS-700	1.57675748428
7049	9/12/2019 9:50:52		-122.362	37.718	2089232.862	6023085.850		2365.089	RS-700	1.36533930818
7050	9/12/2019 9:50:53		-122.362	37.718	2089232.111	6023086.992		2407.591	RS-700	1.63264578616
7051	9/12/2019 9:50:54		-122.362	37.718	2089231.324	6023088.105		2335.839	RS-700	1.18137610063
7052	9/12/2019 9:50:55		-122.362	37.718	2089230.463	6023089.245		2216.760	RS-700	0.43245245283
7053	9/12/2019 9:50:56		-122.362	37.718	2089229.607	6023090.211		2329.077	RS-700	1.13884823899
7054	9/12/2019 9:50:57		-122.362	37.718	2089228.824	6023091.093		2276.819	RS-700	0.81018402516
7055	9/12/2019 9:50:58		-122.362	37.718	2089227.968	6023092.030		2415.202	RS-700	1.68051452830
7056	9/12/2019 9:50:59		-122.362	37.718	2089227.111	6023093.026		2252.578	RS-700	0.65772295598
7057	9/12/2019 9:51:00		-122.362	37.718	2089226.365	6023093.908		2360.968	RS-700	1.33942220126
7058	9/12/2019 9:51:01		-122.362	37.718	2089225.618	6023094.819		2362.082	RS-700	1.34642547170
7059	9/12/2019 9:51:02		-122.362	37.718	2089224.980	6023095.790		2425.119	RS-700	1.74288383648
7060	9/12/2019 9:51:03		-122.362	37.718	2089224.379	6023096.675		2381.625	RS-700	1.46933874214
7061	9/12/2019 9:51:04		-122.362	37.718	2089223.927	6023097.447		2415.214	RS-700	1.68059226415
7062	9/12/2019 9:51:05		-122.362	37.718	2089223.362	6023098.361		2482.896	RS-700	2.10626157233
7063	9/12/2019 9:51:06		-122.362	37.718	2089222.760	6023099.333		2451.251	RS-700	1.90723735849
7064	9/12/2019 9:51:07		-122.362	37.718	2089222.012	6023100.331		2478.566	RS-700	2.07903364780
7065	9/12/2019 9:51:08		-122.362	37.718	2089221.081	6023101.382		2362.968	RS-700	1.35200289308
7066	9/12/2019 9:51:09		-122.362	37.718	2089220.151	6023102.348		2370.853	RS-700	1.40159383648
7067	9/12/2019 9:51:10		-122.362	37.718	2089219.183	6023103.428		2413.229	RS-700	1.66810754717
7068	9/12/2019 9:51:11		-122.362	37.718	2089218.178	6023104.507		2382.454	RS-700	1.47455062893
7069	9/12/2019 9:51:12		-122.362	37.718	2089217.319	6023105.560		2277.382	RS-700	0.81372044025
7070	9/12/2019 9:51:13		-122.362	37.718	2089216.428	6023106.410		2345.433	RS-700	1.24171836478
7071	9/12/2019 9:51:14		-122.362	37.718	2089215.573	6023107.290		2281.935	RS-700	0.84235962264
7072	9/12/2019 9:51:15		-122.362	37.718	2089214.828	6023108.114		2358.081	RS-700	1.32126641509
7073	9/12/2019 9:51:16		-122.362	37.718	2089214.157	6023108.911		2384.699	RS-700	1.48867289308
7074	9/12/2019 9:51:17		-122.362	37.718	2089213.484	6023109.766		2457.256	RS-700	1.94500704403
7075	9/12/2019 9:51:18		-122.362	37.718	2089212.811	6023110.649		2357.321	RS-700	1.31648584906

Gamma Scan Survey Results
Survey Unit 4 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
7076	9/12/2019 9:51:19		-122.362	37.718	2089212.025	6023111.733		2298.943	RS-700	0.94932899371
7077	9/12/2019 9:51:20		-122.362	37.718	2089211.241	6023112.701		2273.945	RS-700	0.79210421384
7078	9/12/2019 9:51:21		-122.362	37.718	2089210.459	6023113.582		2328.956	RS-700	1.13808603774
7079	9/12/2019 9:51:22		-122.362	37.718	2089209.640	6023114.463		2263.818	RS-700	0.72841383648
7080	9/12/2019 9:51:23		-122.362	37.718	2089209.044	6023115.116		2245.698	RS-700	0.61445471698
7081	9/12/2019 9:51:24		-122.362	37.718	2089208.525	6023115.569		2127.554	RS-700	-0.12859389937
7082	9/12/2019 9:51:25		-122.362	37.718	2089208.227	6023115.910		2210.798	RS-700	0.39495553459
7083	9/12/2019 9:51:26		-122.362	37.718	2089208.077	6023116.109		2278.931	RS-700	0.82346773585
7084	9/12/2019 9:51:27		-122.362	37.718	2089208.078	6023116.081		2238.061	RS-700	0.56642176101
7085	9/12/2019 9:51:28		-122.362	37.718	2089208.078	6023116.081		2271.813	RS-700	0.77869679245
7086	9/12/2019 9:51:29		-122.362	37.718	2089208.078	6023116.081		2229.593	RS-700	0.51316138365
7087	9/12/2019 9:51:30		-122.362	37.718	2089208.042	6023116.080		2237.695	RS-700	0.56411735849
7088	9/12/2019 9:51:31		-122.362	37.718	2089208.042	6023116.051		2231.915	RS-700	0.52776962264
7089	9/12/2019 9:51:32		-122.362	37.718	2089208.042	6023116.051		2278.822	RS-700	0.82277943396
7090	9/12/2019 9:51:33		-122.362	37.718	2089208.006	6023116.050		2291.711	RS-700	0.90384440252
7091	9/12/2019 9:51:34		-122.362	37.718	2089208.006	6023116.050		2233.914	RS-700	0.54033660377
7092	9/12/2019 9:51:35		-122.362	37.718	2089208.006	6023116.021		2155.776	RS-700	0.04890685535
7093	9/12/2019 9:51:36		-122.362	37.718	2089208.006	6023116.021		2285.046	RS-700	0.86192522013
7094	9/12/2019 9:51:37		-122.362	37.718	2089208.006	6023116.021		2226.473	RS-700	0.49354389937
7095	9/12/2019 9:51:38		-122.362	37.718	2089208.006	6023116.021		2357.201	RS-700	1.31572911950
7096	9/12/2019 9:51:39		-122.362	37.718	2089207.970	6023116.021		2156.997	RS-700	0.05658408805
7097	9/12/2019 9:51:40		-122.362	37.718	2089207.970	6023116.021		2242.037	RS-700	0.59142616352
7098	9/12/2019 9:51:41		-122.362	37.718	2089207.970	6023116.021		2205.570	RS-700	0.36207628931
7099	9/12/2019 9:51:42		-122.362	37.718	2089207.970	6023116.021		2265.815	RS-700	0.74097773585
7100	9/12/2019 9:51:43		-122.362	37.718	2089207.970	6023116.021		2228.473	RS-700	0.50612213837
7101	9/12/2019 9:51:44		-122.362	37.718	2089207.971	6023115.992		2235.579	RS-700	0.55081377359
7102	9/12/2019 9:51:45		-122.362	37.718	2089207.934	6023115.991		2164.561	RS-700	0.10415849057
7103	9/12/2019 9:51:46		-122.362	37.718	2089207.934	6023115.991		2176.785	RS-700	0.18103735849
7104	9/12/2019 9:51:47		-122.362	37.718	2089207.934	6023115.991		2249.032	RS-700	0.63542427673
7105	9/12/2019 9:51:48		-122.362	37.718	2089207.934	6023115.991		2217.904	RS-700	0.43965000000
7106	9/12/2019 9:51:49		-122.362	37.718	2089207.934	6023115.991		2319.728	RS-700	1.08005132075
7107	9/12/2019 9:51:50		-122.362	37.718	2089207.971	6023115.992		2235.704	RS-700	0.55159861635
7108	9/12/2019 9:51:51		-122.362	37.718	2089207.934	6023115.991		2272.933	RS-700	0.78574289308
7109	9/12/2019 9:51:52		-122.362	37.718	2089207.935	6023115.962		2325.727	RS-700	1.11777779874
7110	9/12/2019 9:51:53		-122.362	37.718	2089207.935	6023115.962		2202.572	RS-700	0.34321842767
7111	9/12/2019 9:51:54		-122.362	37.718	2089207.935	6023115.962		2356.783	RS-700	1.31310194969
7112	9/12/2019 9:51:55		-122.362	37.718	2089207.935	6023115.962		2237.807	RS-700	0.56482251572
7113	9/12/2019 9:51:56		-122.362	37.718	2089207.935	6023115.933		2246.695	RS-700	0.62072477987
7114	9/12/2019 9:51:57		-122.362	37.718	2089207.935	6023115.962		2163.439	RS-700	0.09710163522
7115	9/12/2019 9:51:58		-122.362	37.718	2089207.935	6023115.962		2225.045	RS-700	0.48455698113
7116	9/12/2019 9:51:59		-122.362	37.718	2089207.935	6023115.962		2278.593	RS-700	0.82134094340
7117	9/12/2019 9:52:00		-122.362	37.718	2089207.935	6023115.962		2201.793	RS-700	0.33831773585
7118	9/12/2019 9:52:01		-122.362	37.718	2089207.935	6023115.962		2314.605	RS-700	1.04783018868
7119	9/12/2019 9:52:02		-122.362	37.718	2089207.935	6023115.933		2268.916	RS-700	0.76047534591
7120	9/12/2019 9:52:03		-122.362	37.718	2089207.935	6023115.933		2210.796	RS-700	0.39494465409
7121	9/12/2019 9:52:04		-122.362	37.718	2089207.935	6023115.933		2247.921	RS-700	0.62843591195
7122	9/12/2019 9:52:05		-122.362	37.718	2089207.936	6023115.904		2294.828	RS-700	0.92344415094
7123	9/12/2019 9:52:06		-122.362	37.718	2089207.900	6023115.903		2193.692	RS-700	0.28736880503
7124	9/12/2019 9:52:07		-122.362	37.718	2089207.900	6023115.903		2329.834	RS-700	1.14360710692
7125	9/12/2019 9:52:08		-122.362	37.718	2089207.899	6023115.932		2293.594	RS-700	0.91568830189
7126	9/12/2019 9:52:09		-122.362	37.718	2089207.900	6023115.903		2333.898	RS-700	1.16916710692
7127	9/12/2019 9:52:10		-122.362	37.718	2089207.900	6023115.903		2256.587	RS-700	0.68293761006
7128	9/12/2019 9:52:11		-122.362	37.718	2089207.900	6023115.903		2231.913	RS-700	0.52775496855
7129	9/12/2019 9:52:12		-122.362	37.718	2089207.900	6023115.903		2224.148	RS-700	0.47891893082
7130	9/12/2019 9:52:13		-122.362	37.718	2089207.900	6023115.874		2239.476	RS-700	0.57532295598
7131	9/12/2019 9:52:14		-122.362	37.718	2089207.936	6023115.904		2274.161	RS-700	0.79346836478
7132	9/12/2019 9:52:15		-122.362	37.718	2089207.936	6023115.904		2279.590	RS-700	0.82761213837
7133	9/12/2019 9:52:16		-122.362	37.718	2089207.936	6023115.904		2250.924	RS-700	0.64731817610
7134	9/12/2019 9:52:17		-122.362	37.718	2089207.936	6023115.875		2266.938	RS-700	0.74803691824
7135	9/12/2019 9:52:18		-122.362	37.718	2089207.936	6023115.875		2223.806	RS-700	0.47677037736
7136	9/12/2019 9:52:19		-122.362	37.718	2089207.937	6023115.846		2231.468	RS-700	0.52495591195

Gamma Scan Survey Results
Survey Unit 4 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
7137	9/12/2019 9:52:20		-122.362	37.718	2089207.937	6023115.846		2189.225	RS-700	0.25927427673
7138	9/12/2019 9:52:21		-122.362	37.718	2089207.937	6023115.846		2206.788	RS-700	0.36973628931
7139	9/12/2019 9:52:22		-122.362	37.718	2089207.974	6023115.818		2224.249	RS-700	0.47955232704
7140	9/12/2019 9:52:23		-122.362	37.718	2089207.937	6023115.846		2177.567	RS-700	0.18595584906
7141	9/12/2019 9:52:24		-122.362	37.718	2089207.937	6023115.846		2273.933	RS-700	0.79203138365
7142	9/12/2019 9:52:25		-122.362	37.718	2089207.937	6023115.846		2202.015	RS-700	0.33971484277
7143	9/12/2019 9:52:26		-122.362	37.718	2089207.937	6023115.846		2296.591	RS-700	0.93453220126
7144	9/12/2019 9:52:27		-122.362	37.718	2089207.937	6023115.846		2195.902	RS-700	0.30126918239
7145	9/12/2019 9:52:28		-122.362	37.718	2089207.937	6023115.846		2226.795	RS-700	0.49556522013
7146	9/12/2019 9:52:29		-122.362	37.718	2089207.899	6023115.932		2310.063	RS-700	1.01926528302
7147	9/12/2019 9:52:30		-122.362	37.718	2089207.637	6023116.274		2209.685	RS-700	0.38795283019
7148	9/12/2019 9:52:31		-122.362	37.718	2089207.338	6023116.644		2204.575	RS-700	0.35581547170
7149	9/12/2019 9:52:32		-122.362	37.718	2089206.927	6023117.186		2289.825	RS-700	0.89197836478
7150	9/12/2019 9:52:33		-122.362	37.718	2089206.367	6023117.869		2154.668	RS-700	0.04194006289
7151	9/12/2019 9:52:34		-122.362	37.718	2089205.844	6023118.524		2234.694	RS-700	0.54524471698
7152	9/12/2019 9:52:35		-122.362	37.718	2089205.283	6023119.294		2257.157	RS-700	0.68652188679
7153	9/12/2019 9:52:36		-122.362	37.718	2089204.794	6023120.065		2303.937	RS-700	0.98073880503
7154	9/12/2019 9:52:37		-122.362	37.718	2089204.344	6023120.722		2156.779	RS-700	0.05521503145
7155	9/12/2019 9:52:38		-122.362	37.718	2089203.782	6023121.521		2242.135	RS-700	0.59204440252
7156	9/12/2019 9:52:39		-122.362	37.718	2089203.185	6023122.203		2245.701	RS-700	0.61447477987
7157	9/12/2019 9:52:40		-122.362	37.718	2089202.663	6023122.829		2243.808	RS-700	0.60256597484
7158	9/12/2019 9:52:41		-122.362	37.718	2089202.291	6023123.227		2224.692	RS-700	0.48233899371
7159	9/12/2019 9:52:42		-122.362	37.718	2089202.178	6023123.398		2305.930	RS-700	0.99326974843
7160	9/12/2019 9:52:43		-122.362	37.718	2089202.178	6023123.398		2237.153	RS-700	0.56071025157
7161	9/12/2019 9:52:44		-122.362	37.718	2089202.141	6023123.455		2203.574	RS-700	0.34952264151
7162	9/12/2019 9:52:45		-122.362	37.718	2089202.104	6023123.483		2281.048	RS-700	0.83677842767
7163	9/12/2019 9:52:46		-122.362	37.718	2089202.104	6023123.455		2242.014	RS-700	0.59128345912
7164	9/12/2019 9:52:47		-122.362	37.718	2089202.104	6023123.455		2222.245	RS-700	0.46695138365
7165	9/12/2019 9:52:48		-122.362	37.718	2089202.104	6023123.455		2269.611	RS-700	0.76485138365
7166	9/12/2019 9:52:49		-122.362	37.718	2089202.104	6023123.455		2231.358	RS-700	0.52426452830
7167	9/12/2019 9:52:50		-122.362	37.718	2089202.142	6023123.397		2299.831	RS-700	0.95490905660
7168	9/12/2019 9:52:51		-122.362	37.718	2089202.142	6023123.369		2292.958	RS-700	0.91168855346
7169	9/12/2019 9:52:52		-122.362	37.718	2089202.178	6023123.398		2279.051	RS-700	0.82421798742
7170	9/12/2019 9:52:53		-122.362	37.718	2089202.142	6023123.397		2261.155	RS-700	0.71166559748
7171	9/12/2019 9:52:54		-122.362	37.718	2089202.179	6023123.340		2158.668	RS-700	0.06709352201
7172	9/12/2019 9:52:55		-122.362	37.718	2089202.180	6023123.311		2309.722	RS-700	1.01712245283
7173	9/12/2019 9:52:56		-122.362	37.718	2089202.179	6023123.340		2303.832	RS-700	0.98007641509
7174	9/12/2019 9:52:57		-122.362	37.718	2089202.180	6023123.311		2193.009	RS-700	0.28307465409
7175	9/12/2019 9:52:58		-122.362	37.718	2089202.142	6023123.397		2249.035	RS-700	0.63544295598
7176	9/12/2019 9:52:59		-122.362	37.718	2089202.141	6023123.426		2255.043	RS-700	0.67322496855
7177	9/12/2019 9:53:00		-122.362	37.718	2089202.141	6023123.426		2216.467	RS-700	0.43061000000
7178	9/12/2019 9:53:01		-122.362	37.718	2089202.141	6023123.455		2274.593	RS-700	0.79617987421
7179	9/12/2019 9:53:02		-122.362	37.718	2089202.141	6023123.455		2280.936	RS-700	0.83607716981
7180	9/12/2019 9:53:03		-122.362	37.718	2089202.178	6023123.427		2208.686	RS-700	0.38167421384
7181	9/12/2019 9:53:04		-122.362	37.718	2089202.178	6023123.398		2243.809	RS-700	0.60256993711
7182	9/12/2019 9:53:05		-122.362	37.718	2089202.365	6023123.170		2182.688	RS-700	0.21816295598
7183	9/12/2019 9:53:06		-122.362	37.718	2089202.515	6023122.971		2279.053	RS-700	0.82422981132
7184	9/12/2019 9:53:07		-122.362	37.718	2089202.177	6023123.485		2237.247	RS-700	0.56130276730
7185	9/12/2019 9:53:08		-122.362	37.718	2089201.541	6023124.311		2337.491	RS-700	1.19176654088
7186	9/12/2019 9:53:09		-122.362	37.718	2089200.867	6023125.253		2385.702	RS-700	1.49498150943
7187	9/12/2019 9:53:10		-122.362	37.718	2089200.153	6023126.367		2341.667	RS-700	1.21803421384
7188	9/12/2019 9:53:11		-122.362	37.718	2089199.476	6023127.424		2277.929	RS-700	0.81716207547
7189	9/12/2019 9:53:12		-122.362	37.718	2089198.766	6023128.335		2327.607	RS-700	1.12960364780
7190	9/12/2019 9:53:13		-122.362	37.718	2089197.945	6023129.331		2242.933	RS-700	0.59706566038
7191	9/12/2019 9:53:14		-122.362	37.718	2089197.160	6023130.328		2301.059	RS-700	0.96263415094
7192	9/12/2019 9:53:15		-122.362	37.718	2089196.413	6023131.268		2379.866	RS-700	1.45827553459
7193	9/12/2019 9:53:16		-122.362	37.718	2089196.151	6023131.639		2388.741	RS-700	1.51409301887
7194	9/12/2019 9:53:17		-122.362	37.718	2089196.039	6023131.781		2298.277	RS-700	0.94513867925
7195	9/12/2019 9:53:18		-122.362	37.718	2089196.039	6023131.753		2319.947	RS-700	1.08142628931
7196	9/12/2019 9:53:19		-122.362	37.718	2089196.039	6023131.753		2316.989	RS-700	1.06282106918
7197	9/12/2019 9:53:20		-122.362	37.718	2089196.039	6023131.753		2383.978	RS-700	1.48413811321

Gamma Scan Survey Results
Survey Unit 4 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
7198	9/12/2019 9:53:21		-122.362	37.718	2089196.003	6023131.752		2265.835	RS-700	0.74109949686
7199	9/12/2019 9:53:22		-122.362	37.718	2089196.003	6023131.752		2336.850	RS-700	1.18773572327
7200	9/12/2019 9:53:23		-122.362	37.718	2089196.002	6023131.781		2350.966	RS-700	1.27651496855
7201	9/12/2019 9:53:24		-122.362	37.718	2089196.002	6023131.781		2234.806	RS-700	0.54594836478
7202	9/12/2019 9:53:25		-122.362	37.718	2089196.002	6023131.781		2339.200	RS-700	1.20251754717
7203	9/12/2019 9:53:26		-122.362	37.718	2089196.002	6023131.781		2235.145	RS-700	0.54808144654
7204	9/12/2019 9:53:27		-122.362	37.718	2089196.002	6023131.781		2267.173	RS-700	0.74951566038
7205	9/12/2019 9:53:28		-122.362	37.718	2089195.966	6023131.780		2258.495	RS-700	0.69493572327
7206	9/12/2019 9:53:29		-122.362	37.718	2089195.966	6023131.780		2325.137	RS-700	1.11407150943
7207	9/12/2019 9:53:30		-122.362	37.718	2089195.966	6023131.751		2328.641	RS-700	1.13610786164
7208	9/12/2019 9:53:31		-122.362	37.718	2089195.966	6023131.751		2331.377	RS-700	1.15331402516
7209	9/12/2019 9:53:32		-122.362	37.718	2089195.966	6023131.751		2395.623	RS-700	1.55737811321
7210	9/12/2019 9:53:33		-122.362	37.718	2089195.930	6023131.779		2416.510	RS-700	1.68873937107
7211	9/12/2019 9:53:34		-122.362	37.718	2089195.930	6023131.779		2317.300	RS-700	1.06477943396
7212	9/12/2019 9:53:35		-122.362	37.718	2089195.930	6023131.779		2348.955	RS-700	1.26386805031
7213	9/12/2019 9:53:36		-122.362	37.718	2089195.893	6023131.779		2259.583	RS-700	0.70178232704
7214	9/12/2019 9:53:37		-122.362	37.718	2089195.893	6023131.779		2305.177	RS-700	0.98853163522
7215	9/12/2019 9:53:38		-122.362	37.718	2089195.893	6023131.779		2304.527	RS-700	0.98444446541
7216	9/12/2019 9:53:39		-122.362	37.718	2089195.894	6023131.750		2257.927	RS-700	0.69136339623
7217	9/12/2019 9:53:40		-122.362	37.718	2089195.894	6023131.750		2252.388	RS-700	0.65652779874
7218	9/12/2019 9:53:41		-122.362	37.718	2089195.894	6023131.750		2376.499	RS-700	1.43710176101
7219	9/12/2019 9:53:42		-122.362	37.718	2089195.894	6023131.750		2382.347	RS-700	1.47388264151
7220	9/12/2019 9:53:43		-122.362	37.718	2089195.820	6023131.777		2286.280	RS-700	0.86968754717
7221	9/12/2019 9:53:44		-122.362	37.718	2089195.633	6023132.034		2275.045	RS-700	0.79902660377
7222	9/12/2019 9:53:45		-122.362	37.718	2089195.333	6023132.462		2300.941	RS-700	0.96189157233
7223	9/12/2019 9:53:46		-122.362	37.718	2089195.147	6023132.661		2380.993	RS-700	1.46536616352
7224	9/12/2019 9:53:47		-122.362	37.718	2089195.147	6023132.661		2299.648	RS-700	0.95376025157
7225	9/12/2019 9:53:48		-122.362	37.718	2089195.147	6023132.661		2258.594	RS-700	0.69556264151
7226	9/12/2019 9:53:49		-122.362	37.718	2089195.111	6023132.660		2275.699	RS-700	0.80313911950
7227	9/12/2019 9:53:50		-122.362	37.718	2089195.111	6023132.660		2385.101	RS-700	1.49120276730
7228	9/12/2019 9:53:51		-122.362	37.718	2089195.111	6023132.660		2278.821	RS-700	0.82277591195
7229	9/12/2019 9:53:52		-122.362	37.718	2089195.074	6023132.659		2357.318	RS-700	1.31646358491
7230	9/12/2019 9:53:53		-122.362	37.718	2089195.074	6023132.659		2294.820	RS-700	0.92339880503
7231	9/12/2019 9:53:54		-122.362	37.718	2089195.074	6023132.659		2236.577	RS-700	0.55708496855
7232	9/12/2019 9:53:55		-122.362	37.718	2089195.038	6023132.658		2259.475	RS-700	0.70109905660
7233	9/12/2019 9:53:56		-122.362	37.718	2089195.001	6023132.687		2272.042	RS-700	0.78013597484
7234	9/12/2019 9:53:57		-122.362	37.718	2089195.001	6023132.687		2285.164	RS-700	0.86266911950
7235	9/12/2019 9:53:58		-122.362	37.718	2089195.001	6023132.687		2310.415	RS-700	1.02147509434
7236	9/12/2019 9:53:59		-122.362	37.718	2089194.965	6023132.686		2200.235	RS-700	0.32852044025
7237	9/12/2019 9:54:00		-122.362	37.718	2089194.965	6023132.686		2366.198	RS-700	1.37231427673
7238	9/12/2019 9:54:01		-122.362	37.718	2089194.965	6023132.686		2287.021	RS-700	0.87434295598
7239	9/12/2019 9:54:02		-122.362	37.718	2089194.964	6023132.715		2384.857	RS-700	1.48966477987
7240	9/12/2019 9:54:03		-122.362	37.718	2089194.928	6023132.685		2240.470	RS-700	0.58157440252
7241	9/12/2019 9:54:04		-122.362	37.718	2089194.928	6023132.714		2291.052	RS-700	0.89969924528
7242	9/12/2019 9:54:05		-122.362	37.718	2089194.928	6023132.714		2205.907	RS-700	0.36419320755
7243	9/12/2019 9:54:06		-122.362	37.718	2089194.928	6023132.685		2357.846	RS-700	1.31978716981
7244	9/12/2019 9:54:07		-122.362	37.718	2089194.928	6023132.685		2301.517	RS-700	0.96551383648
7245	9/12/2019 9:54:08		-122.362	37.718	2089194.854	6023132.770		2390.336	RS-700	1.52412534591
7246	9/12/2019 9:54:09		-122.362	37.718	2089194.592	6023133.112		2333.374	RS-700	1.16587471698
7247	9/12/2019 9:54:10		-122.362	37.718	2089194.216	6023133.683		2320.072	RS-700	1.08221069182
7248	9/12/2019 9:54:11		-122.362	37.718	2089193.689	6023134.541		2399.975	RS-700	1.58474918239
7249	9/12/2019 9:54:12		-122.362	37.718	2089193.162	6023135.427		2360.732	RS-700	1.33793496855
7250	9/12/2019 9:54:13		-122.362	37.718	2089192.599	6023136.255		2338.964	RS-700	1.20103062893
7251	9/12/2019 9:54:14		-122.362	37.718	2089191.964	6023137.052		2351.434	RS-700	1.27946031447
7252	9/12/2019 9:54:15		-122.362	37.718	2089191.217	6023137.992		2295.283	RS-700	0.92630874214
7253	9/12/2019 9:54:16		-122.362	37.718	2089190.505	6023139.020		2315.406	RS-700	1.05286899371
7254	9/12/2019 9:54:17		-122.362	37.718	2089189.718	6023140.103		2286.626	RS-700	0.87186062893
7255	9/12/2019 9:54:18		-122.362	37.718	2089188.968	6023141.188		2287.623	RS-700	0.87813125786
7256	9/12/2019 9:54:19		-122.362	37.718	2089188.072	6023142.327		2281.595	RS-700	0.84022213837
7257	9/12/2019 9:54:20		-122.362	37.718	2089187.249	6023143.381		2250.582	RS-700	0.64516779874
7258	9/12/2019 9:54:21		-122.362	37.718	2089186.539	6023144.322		2306.060	RS-700	0.99409088050

Gamma Scan Survey Results
Survey Unit 4 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
7259	9/12/2019 9:54:22		-122.362	37.718	2089185.862	6023145.379		2267.374	RS-700	0.75077698113
7260	9/12/2019 9:54:23		-122.362	37.718	2089185.149	6023146.464		2145.773	RS-700	-0.01400603774
7261	9/12/2019 9:54:24		-122.362	37.718	2089184.362	6023147.547		2312.180	RS-700	1.03257723270
7262	9/12/2019 9:54:25		-122.362	37.718	2089183.653	6023148.401		2242.159	RS-700	0.59219465409
7263	9/12/2019 9:54:26		-122.362	37.718	2089182.981	6023149.256		2232.915	RS-700	0.53405716981
7264	9/12/2019 9:54:27		-122.362	37.718	2089182.346	6023150.053		2160.318	RS-700	0.07747440252
7265	9/12/2019 9:54:28		-122.362	37.718	2089181.562	6023150.992		2108.657	RS-700	-0.24743880503
7266	9/12/2019 9:54:29		-122.362	37.718	2089180.775	6023152.105		2157.348	RS-700	0.05879201258
7267	9/12/2019 9:54:30		-122.362	37.718	2089179.841	6023153.301		2154.668	RS-700	0.04193930818
7268	9/12/2019 9:54:31		-122.362	37.718	2089178.832	6023154.583		2186.221	RS-700	0.24038408805
7269	9/12/2019 9:54:32		-122.362	37.718	2089177.752	6023155.777		2269.812	RS-700	0.76611301887
7270	9/12/2019 9:54:33		-122.362	37.718	2089176.789	6023156.625		2246.591	RS-700	0.62006691824
7271	9/12/2019 9:54:34		-122.362	37.718	2089175.900	6023157.331		2224.138	RS-700	0.47885716981
7272	9/12/2019 9:54:35		-122.362	37.718	2089175.455	6023157.756		2291.712	RS-700	0.90384654088
7273	9/12/2019 9:54:36		-122.362	37.718	2089175.454	6023157.785		2210.915	RS-700	0.39568930818
7274	9/12/2019 9:54:37		-122.362	37.718	2089175.454	6023157.814		2258.264	RS-700	0.69348333333
7275	9/12/2019 9:54:38		-122.362	37.718	2089175.417	6023157.842		2172.455	RS-700	0.15380754717
7276	9/12/2019 9:54:39		-122.362	37.718	2089175.379	6023157.899		2200.674	RS-700	0.33128490566
7277	9/12/2019 9:54:40		-122.362	37.718	2089175.306	6023157.927		2239.809	RS-700	0.57741566038
7278	9/12/2019 9:54:41		-122.362	37.718	2089175.194	6023158.069		2247.463	RS-700	0.62555421384
7279	9/12/2019 9:54:42		-122.362	37.718	2089174.970	6023158.354		2266.706	RS-700	0.74657654088
7280	9/12/2019 9:54:43		-122.362	37.718	2089174.595	6023158.896		2235.131	RS-700	0.54799572327
7281	9/12/2019 9:54:44		-122.362	37.718	2089174.258	6023159.352		2112.166	RS-700	-0.22536924528
7282	9/12/2019 9:54:45		-122.362	37.718	2089173.733	6023160.094		2264.703	RS-700	0.73398044025
7283	9/12/2019 9:54:46		-122.362	37.718	2089173.170	6023160.922		2230.578	RS-700	0.51935823899
7284	9/12/2019 9:54:47		-122.362	37.718	2089172.497	6023161.834		2152.102	RS-700	0.02580044025
7285	9/12/2019 9:54:48		-122.362	37.718	2089171.675	6023162.859		2105.970	RS-700	-0.26434113208
7286	9/12/2019 9:54:49		-122.362	37.718	2089170.781	6023163.883		2205.467	RS-700	0.36142779874
7287	9/12/2019 9:54:50		-122.362	37.718	2089169.963	6023164.735		2280.934	RS-700	0.83606477987
7288	9/12/2019 9:54:51		-122.362	37.718	2089169.183	6023165.471		2216.578	RS-700	0.43130716981
7289	9/12/2019 9:54:52		-122.362	37.718	2089168.405	6023166.150		2177.345	RS-700	0.18455716981
7290	9/12/2019 9:54:53		-122.362	37.718	2089167.960	6023166.517		2202.797	RS-700	0.34463371069
7291	9/12/2019 9:54:54		-122.362	37.718	2089167.774	6023166.716		2233.795	RS-700	0.53958981132
7292	9/12/2019 9:54:55		-122.362	37.718	2089167.774	6023166.745		2172.002	RS-700	0.15095773585
7293	9/12/2019 9:54:56		-122.362	37.718	2089167.737	6023166.773		2315.994	RS-700	1.05656723270
7294	9/12/2019 9:54:57		-122.362	37.718	2089167.700	6023166.773		2275.050	RS-700	0.79905654088
7295	9/12/2019 9:54:58		-122.362	37.718	2089167.700	6023166.773		2157.878	RS-700	0.06212729560
7296	9/12/2019 9:54:59		-122.362	37.718	2089167.700	6023166.802		2159.996	RS-700	0.07544540881
7297	9/12/2019 9:55:00		-122.362	37.718	2089167.663	6023166.830		2260.932	RS-700	0.71026371069
7298	9/12/2019 9:55:01		-122.362	37.718	2089167.515	6023166.943		2202.014	RS-700	0.33971377359
7299	9/12/2019 9:55:02		-122.362	37.718	2089167.066	6023167.541		2205.140	RS-700	0.35937138365
7300	9/12/2019 9:55:03		-122.362	37.718	2089166.392	6023168.454		2225.914	RS-700	0.49002389937
7301	9/12/2019 9:55:04		-122.362	37.718	2089165.679	6023169.539		2233.359	RS-700	0.53685006289
7302	9/12/2019 9:55:05		-122.362	37.718	2089165.002	6023170.625		2257.315	RS-700	0.68751729560
7303	9/12/2019 9:55:06		-122.362	37.718	2089164.324	6023171.710		2221.241	RS-700	0.46063817610
7304	9/12/2019 9:55:07		-122.362	37.718	2089163.535	6023172.968		2255.708	RS-700	0.67740723270
7305	9/12/2019 9:55:08		-122.362	37.718	2089162.748	6023174.051		2272.874	RS-700	0.78537213837
7306	9/12/2019 9:55:09		-122.362	37.718	2089161.960	6023175.222		2303.407	RS-700	0.97740289308
7307	9/12/2019 9:55:10		-122.362	37.718	2089161.175	6023176.248		2380.499	RS-700	1.46225691824
7308	9/12/2019 9:55:11		-122.362	37.718	2089160.500	6023177.247		2256.811	RS-700	0.68434559748
7309	9/12/2019 9:55:12		-122.362	37.718	2089159.787	6023178.274		2251.256	RS-700	0.64940603774
7310	9/12/2019 9:55:13		-122.362	37.718	2089158.996	6023179.618		2321.418	RS-700	1.09068094340
7311	9/12/2019 9:55:14		-122.362	37.718	2089158.205	6023180.933		2322.455	RS-700	1.09720276730
7312	9/12/2019 9:55:15		-122.362	37.718	2089157.415	6023182.161		2368.446	RS-700	1.38645220126
7313	9/12/2019 9:55:16		-122.362	37.718	2089156.517	6023183.388		2405.752	RS-700	1.62108088050
7314	9/12/2019 9:55:17		-122.362	37.718	2089155.362	6023184.695		2286.701	RS-700	0.87233635220
7315	9/12/2019 9:55:18		-122.362	37.718	2089154.210	6023185.859		2238.705	RS-700	0.57047037736
7316	9/12/2019 9:55:19		-122.362	37.718	2089153.206	6023186.909		2206.804	RS-700	0.36983427673
7317	9/12/2019 9:55:20		-122.362	37.718	2089152.238	6023187.960		2168.778	RS-700	0.13068113208
7318	9/12/2019 9:55:21		-122.362	37.718	2089151.122	6023189.124		2292.061	RS-700	0.90604691824
7319	9/12/2019 9:55:22		-122.362	37.718	2089150.045	6023190.202		2302.615	RS-700	0.97242264151

Gamma Scan Survey Results
Survey Unit 4 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
7320	9/12/2019 9:55:23		-122.362	37.718	2089148.856	6023191.364		2289.935	RS-700	0.89267427673
7321	9/12/2019 9:55:24		-122.362	37.718	2089147.709	6023192.267		2256.378	RS-700	0.68162377359
7322	9/12/2019 9:55:25		-122.362	37.718	2089146.675	6023192.999		2197.225	RS-700	0.30959308176
7323	9/12/2019 9:55:26		-122.362	37.718	2089146.122	6023193.335		2220.353	RS-700	0.45505031447
7324	9/12/2019 9:55:27		-122.362	37.718	2089146.121	6023193.364		2276.941	RS-700	0.81095157233
7325	9/12/2019 9:55:28		-122.362	37.718	2089146.195	6023193.308		2223.346	RS-700	0.47387597484
7326	9/12/2019 9:55:29		-122.362	37.718	2089145.683	6023193.413		2253.699	RS-700	0.66477616352
7327	9/12/2019 9:55:30		-122.362	37.718	2089144.440	6023193.649		2189.676	RS-700	0.26211062893
7328	9/12/2019 9:55:31		-122.362	37.718	2089143.305	6023193.973		2307.050	RS-700	1.00031314465
7329	9/12/2019 9:55:32		-122.362	37.718	2089142.128	6023194.529		2211.351	RS-700	0.39843106918
7330	9/12/2019 9:55:33		-122.362	37.718	2089140.652	6023195.512		2214.813	RS-700	0.42020867925
7331	9/12/2019 9:55:34		-122.362	37.718	2089139.314	6023196.874		2238.244	RS-700	0.56757339623
7332	9/12/2019 9:55:35		-122.362	37.718	2089137.973	6023198.380		2180.567	RS-700	0.20482465409
7333	9/12/2019 9:55:36		-122.362	37.718	2089136.704	6023199.917		2127.551	RS-700	-0.12861226415
7334	9/12/2019 9:55:37		-122.362	37.718	2089135.621	6023201.285		2186.673	RS-700	0.24322484277
7335	9/12/2019 9:55:38		-122.362	37.718	2089134.835	6023202.310		2255.464	RS-700	0.67587729560
7336	9/12/2019 9:55:39		-122.362	37.718	2089134.162	6023203.194		2143.891	RS-700	-0.02584364780
7337	9/12/2019 9:55:40		-122.362	37.718	2089133.603	6023203.848		2127.444	RS-700	-0.12928484277
7338	9/12/2019 9:55:41		-122.362	37.718	2089133.303	6023204.276		2159.453	RS-700	0.07203427673
7339	9/12/2019 9:55:42		-122.362	37.718	2089133.080	6023204.503		2040.529	RS-700	-0.67591930818
7340	9/12/2019 9:55:43		-122.362	37.718	2089132.488	6023204.983		2224.693	RS-700	0.48234559748
7341	9/12/2019 9:55:44		-122.362	37.718	2089131.970	6023205.407		2162.106	RS-700	0.08871899371
7342	9/12/2019 9:55:45		-122.362	37.718	2089131.229	6023206.028		2135.555	RS-700	-0.07826955975
7343	9/12/2019 9:55:46		-122.362	37.718	2089130.333	6023207.139		2171.889	RS-700	0.15024830189
7344	9/12/2019 9:55:47		-122.362	37.718	2089129.615	6023208.427		2072.641	RS-700	-0.47395333333
7345	9/12/2019 9:55:48		-122.362	37.718	2089128.788	6023209.712		2113.980	RS-700	-0.21396421384
7346	9/12/2019 9:55:49		-122.362	37.718	2089127.931	6023210.707		2196.229	RS-700	0.30332591195
7347	9/12/2019 9:55:50		-122.362	37.718	2089127.107	6023211.819		2103.754	RS-700	-0.27827371069
7348	9/12/2019 9:55:51		-122.362	37.718	2089126.137	6023213.015		2210.020	RS-700	0.39006050315
7349	9/12/2019 9:55:52		-122.362	37.718	2089125.345	6023214.359		2125.088	RS-700	-0.14409937107
7350	9/12/2019 9:55:53		-122.362	37.718	2089124.627	6023215.704		2176.778	RS-700	0.18099477987
7351	9/12/2019 9:55:54		-122.362	37.718	2089123.910	6023216.963		2128.094	RS-700	-0.12519591195
7352	9/12/2019 9:55:55		-122.362	37.718	2089122.974	6023218.217		2220.028	RS-700	0.45300490566
7353	9/12/2019 9:55:56		-122.362	37.718	2089121.968	6023219.355		2131.086	RS-700	-0.10637861635
7354	9/12/2019 9:55:57		-122.362	37.718	2089120.928	6023220.404		2060.741	RS-700	-0.54879981132
7355	9/12/2019 9:55:58		-122.362	37.718	2089119.924	6023221.426		2158.216	RS-700	0.06424981132
7356	9/12/2019 9:55:59		-122.362	37.718	2089119.138	6023222.510		2282.051	RS-700	0.84308603774
7357	9/12/2019 9:56:00		-122.362	37.718	2089118.351	6023223.622		2134.550	RS-700	-0.08458918239
7358	9/12/2019 9:56:01		-122.362	37.718	2089117.601	6023224.707		2256.926	RS-700	0.68507025157
7359	9/12/2019 9:56:02		-122.362	37.718	2089116.889	6023225.676		2246.146	RS-700	0.61726735849
7360	9/12/2019 9:56:03		-122.362	37.718	2089116.328	6023226.417		2252.150	RS-700	0.65503270440
7361	9/12/2019 9:56:04		-122.362	37.718	2089115.879	6023227.045		2167.324	RS-700	0.12153622642
7362	9/12/2019 9:56:05		-122.362	37.718	2089115.616	6023227.444		2198.338	RS-700	0.31659314465
7363	9/12/2019 9:56:06		-122.362	37.718	2089115.504	6023227.587		2280.054	RS-700	0.83052937107
7364	9/12/2019 9:56:07		-122.362	37.718	2089115.429	6023227.701		2241.809	RS-700	0.58999150943
7365	9/12/2019 9:56:08		-122.362	37.718	2089115.429	6023227.701		2251.913	RS-700	0.65354220126
7366	9/12/2019 9:56:09		-122.362	37.718	2089115.429	6023227.701		2257.468	RS-700	0.68847761006
7367	9/12/2019 9:56:10		-122.362	37.718	2089115.428	6023227.730		2193.909	RS-700	0.28873729560
7368	9/12/2019 9:56:11		-122.362	37.718	2089115.428	6023227.730		2267.156	RS-700	0.74940597484
7369	9/12/2019 9:56:12		-122.362	37.718	2089115.428	6023227.730		2064.641	RS-700	-0.52426893082
7370	9/12/2019 9:56:13		-122.362	37.718	2089115.428	6023227.759		2216.576	RS-700	0.43129704403
7371	9/12/2019 9:56:14		-122.362	37.718	2089115.391	6023227.758		2173.995	RS-700	0.16348924528
7372	9/12/2019 9:56:15		-122.362	37.718	2089115.391	6023227.758		2304.282	RS-700	0.98290867925
7373	9/12/2019 9:56:16		-122.362	37.718	2089115.428	6023227.759		2209.018	RS-700	0.38376163522
7374	9/12/2019 9:56:17		-122.362	37.718	2089115.428	6023227.759		2227.254	RS-700	0.49845540881
7375	9/12/2019 9:56:18		-122.362	37.718	2089115.428	6023227.730		2302.720	RS-700	0.97308408805
7376	9/12/2019 9:56:19		-122.362	37.718	2089115.428	6023227.730		2159.878	RS-700	0.07470748428
7377	9/12/2019 9:56:20		-122.362	37.718	2089115.465	6023227.731		2244.475	RS-700	0.60676150943
7378	9/12/2019 9:56:21		-122.362	37.718	2089115.465	6023227.731		2179.108	RS-700	0.19564754717
7379	9/12/2019 9:56:22		-122.362	37.718	2089115.465	6023227.731		2143.451	RS-700	-0.02861081761
7380	9/12/2019 9:56:23		-122.362	37.718	2089115.465	6023227.731		2176.653	RS-700	0.18020452830

Gamma Scan Survey Results
Survey Unit 4 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
7381	9/12/2019 9:56:24		-122.362	37.718	2089115.465	6023227.702		2193.566	RS-700	0.28658144654
7382	9/12/2019 9:56:25		-122.362	37.718	2089115.465	6023227.731		2191.791	RS-700	0.27541635220
7383	9/12/2019 9:56:26		-122.362	37.718	2089115.465	6023227.731		2219.907	RS-700	0.45224427673
7384	9/12/2019 9:56:27		-122.362	37.718	2089115.465	6023227.731		2135.904	RS-700	-0.07607691824
7385	9/12/2019 9:56:28		-122.362	37.718	2089115.501	6023227.731		2135.767	RS-700	-0.07693452830
7386	9/12/2019 9:56:29		-122.362	37.718	2089115.465	6023227.731		2123.090	RS-700	-0.15666805031
7387	9/12/2019 9:56:30		-122.362	37.718	2089115.465	6023227.731		2118.774	RS-700	-0.18381081761
7388	9/12/2019 9:56:31		-122.362	37.718	2089115.465	6023227.731		2166.673	RS-700	0.11744188679
7389	9/12/2019 9:56:32		-122.362	37.718	2089115.465	6023227.731		2116.656	RS-700	-0.19712937107
7390	9/12/2019 9:56:33		-122.362	37.718	2089115.465	6023227.731		2192.119	RS-700	0.27747679245
7391	9/12/2019 9:56:34		-122.362	37.718	2089115.465	6023227.702		2229.578	RS-700	0.51306911950
7392	9/12/2019 9:56:35		-122.362	37.718	2089115.502	6023227.703		2214.909	RS-700	0.42080817610
7393	9/12/2019 9:56:36		-122.362	37.718	2089115.502	6023227.703		2277.707	RS-700	0.81576691824
7394	9/12/2019 9:56:37		-122.362	37.718	2089115.501	6023227.731		2221.703	RS-700	0.46353987421
7395	9/12/2019 9:56:38		-122.362	37.718	2089115.501	6023227.731		2171.786	RS-700	0.14959773585
7396	9/12/2019 9:56:39		-122.362	37.718	2089115.537	6023227.732		2208.683	RS-700	0.38165490566
7397	9/12/2019 9:56:40		-122.362	37.718	2089115.537	6023227.732		2170.105	RS-700	0.13902704403
7398	9/12/2019 9:56:41		-122.362	37.718	2089115.537	6023227.732		2225.691	RS-700	0.48862213837
7399	9/12/2019 9:56:42		-122.362	37.718	2089113.400	6023228.992		2221.470	RS-700	0.46207232704
7400	9/12/2019 9:56:43		-122.362	37.718	2089113.400	6023228.992		2172.568	RS-700	0.15451735849
7401	9/12/2019 9:56:44		-122.362	37.718	2089113.400	6023228.992		2128.857	RS-700	-0.12039905660
7402	9/12/2019 9:56:45		-122.362	37.718	2089113.399	6023229.020		2143.665	RS-700	-0.02726264151
7403	9/12/2019 9:56:46		-122.362	37.718	2089113.399	6023229.049		2225.359	RS-700	0.48653490566
7404	9/12/2019 9:56:47		-122.362	37.718	2089113.399	6023229.049		2207.685	RS-700	0.37537647799
7405	9/12/2019 9:56:48		-122.362	37.718	2089113.398	6023229.078		2193.901	RS-700	0.28868389937
7406	9/12/2019 9:56:49		-122.362	37.718	2089113.398	6023229.078		2256.916	RS-700	0.68500597484
7407	9/12/2019 9:56:50		-122.362	37.718	2089113.435	6023229.079		2181.006	RS-700	0.20758654088
7408	9/12/2019 9:56:51		-122.362	37.718	2089113.435	6023229.079		2196.169	RS-700	0.30294811321
7409	9/12/2019 9:56:52		-122.362	37.718	2089113.434	6023229.108		2154.103	RS-700	0.03838622642
7410	9/12/2019 9:56:53		-122.362	37.718	2089112.875	6023229.733		2158.330	RS-700	0.06496559748
7411	9/12/2019 9:56:54		-122.362	37.718	2089112.425	6023230.390		2231.242	RS-700	0.10334759531
7412	9/12/2019 9:56:55		-122.362	37.718	2089111.676	6023231.445		2221.578	RS-700	0.07500739003
7413	9/12/2019 9:56:56		-122.362	37.718	2089112.360	6023231.835		2138.663	RS-700	-0.16814372434
7414	9/12/2019 9:56:57		-122.362	37.718	2089112.060	6023232.263		2242.252	RS-700	0.13563495601
7415	9/12/2019 9:56:58		-122.362	37.718	2089112.320	6023232.008		2149.666	RS-700	-0.13587539589
7416	9/12/2019 9:56:59		-122.362	37.718	2089113.066	6023231.126		2168.888	RS-700	-0.07950870968
7417	9/12/2019 9:57:00		-122.362	37.718	2089113.177	6023231.041		2196.568	RS-700	0.00166513196
7418	9/12/2019 9:57:01		-122.362	37.718	2089112.543	6023231.781		2187.007	RS-700	-0.02637252199
7419	9/12/2019 9:57:02		-122.362	37.718	2089111.464	6023232.945		2448.374	RS-700	0.74009923754
7420	9/12/2019 9:57:03		-122.362	37.718	2089110.270	6023234.397		2528.036	RS-700	0.97371181818
7421	9/12/2019 9:57:04		-122.362	37.718	2089106.347	6023237.530		2364.090	RS-700	0.49293217009
7422	9/12/2019 9:57:05		-122.362	37.718	2089105.299	6023238.927		1900.253	RS-700	-0.86729404692
7423	9/12/2019 9:57:06		-122.362	37.718	2089104.767	6023240.045		1678.868	RS-700	-1.51651668622
7424	9/12/2019 9:57:07		-122.362	37.718	2089104.647	6023240.621		1508.544	RS-700	-2.01599879765
7425	9/12/2019 9:57:08		-122.362	37.718	2089104.339	6023241.454		1548.498	RS-700	-1.89883313783
7426	9/12/2019 9:57:09		-122.362	37.718	2089104.027	6023242.489		1761.537	RS-700	-1.27408372434
7427	9/12/2019 9:57:10		-122.362	37.718	2089103.530	6023243.665		2162.653	RS-700	-0.09779070381
7428	9/12/2019 9:57:11		-122.362	37.718	2089102.625	6023245.238		2618.061	RS-700	1.23771519062
7429	9/12/2019 9:57:12		-122.362	37.718	2089101.609	6023246.838		2484.020	RS-700	2.11333320755
7430	9/12/2019 9:57:13		-122.362	37.718	2089100.372	6023248.607		2227.802	RS-700	0.50189704403
7431	9/12/2019 9:57:14		-122.362	37.718	2089099.457	6023250.672		2066.745	RS-700	-0.51103660377
7432	9/12/2019 9:57:15		-122.362	37.718	2089098.580	6023252.680		2171.347	RS-700	0.14683396226
7433	9/12/2019 9:57:16		-122.362	37.718	2089097.959	6023254.577		2077.651	RS-700	-0.44244893082
7434	9/12/2019 9:57:17		-122.362	37.718	2089097.229	6023256.501		2172.999	RS-700	0.15722622642
7435	9/12/2019 9:57:18		-122.362	37.718	2089096.246	6023258.304		2137.198	RS-700	-0.06794018868
7436	9/12/2019 9:57:19		-122.362	37.718	2089095.120	6023260.017		2113.292	RS-700	-0.21829232704
7437	9/12/2019 9:57:20		-122.362	37.718	2089094.031	6023261.644		2009.825	RS-700	-0.86902641509
7438	9/12/2019 9:57:21		-122.362	37.718	2089093.087	6023263.333		2080.731	RS-700	-0.42307283019
7439	9/12/2019 9:57:22		-122.362	37.718	2089092.360	6023265.112		2007.120	RS-700	-0.88603968554
7440	9/12/2019 9:57:23		-122.362	37.718	2089091.449	6023266.945		2037.428	RS-700	-0.69542308176
7441	9/12/2019 9:57:24		-122.362	37.718	2089090.392	6023268.805		2098.857	RS-700	-0.30907333333

Gamma Scan Survey Results
Survey Unit 4 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
7442	9/12/2019 9:57:25		-122.362	37.718	2089089.340	6023270.462		2113.545	RS-700	-0.21669729560
7443	9/12/2019 9:57:26		-122.362	37.718	2089088.362	6023272.033		2101.185	RS-700	-0.29443465409
7444	9/12/2019 9:57:27		-122.361	37.718	2089087.461	6023273.375		2071.647	RS-700	-0.48020924528
7445	9/12/2019 9:57:28		-122.361	37.718	2089086.372	6023275.031		2045.729	RS-700	-0.64321622642
7446	9/12/2019 9:57:29		-122.361	37.718	2089085.209	6023276.744		2138.990	RS-700	-0.05666679245
7447	9/12/2019 9:57:30		-122.361	37.718	2089084.048	6023278.341		2147.767	RS-700	-0.00146729560
7448	9/12/2019 9:57:31		-122.361	37.718	2089085.034	6023278.187		2120.986	RS-700	-0.16990188679
7449	9/12/2019 9:57:32		-122.361	37.718	2089082.000	6023280.586		2107.316	RS-700	-0.25587289308
7450	9/12/2019 9:57:33		-122.361	37.718	2089080.994	6023281.723		2121.769	RS-700	-0.16497194969
7451	9/12/2019 9:57:34		-122.361	37.718	2089079.875	6023283.089		2220.802	RS-700	0.45787559748
7452	9/12/2019 9:57:35		-122.361	37.718	2089080.782	6023283.223		2179.673	RS-700	0.19920289308
7453	9/12/2019 9:57:36		-122.361	37.718	2089079.406	6023284.671		2127.875	RS-700	-0.12657012579
7454	9/12/2019 9:57:37		-122.361	37.718	2089077.920	6023286.146		2116.693	RS-700	-0.19690220126
7455	9/12/2019 9:57:38		-122.361	37.718	2089076.725	6023287.627		2117.767	RS-700	-0.19014622642
7456	9/12/2019 9:57:39		-122.361	37.718	2089075.606	6023288.964		2130.664	RS-700	-0.10903440252
7457	9/12/2019 9:57:40		-122.361	37.717	2089072.865	6023291.253		2130.770	RS-700	-0.10836786164
7458	9/12/2019 9:57:41		-122.361	37.717	2089071.967	6023292.450		2156.670	RS-700	0.05452540881
7459	9/12/2019 9:57:42		-122.361	37.717	2089071.854	6023292.650		2152.313	RS-700	0.02712295597
7460	9/12/2019 9:57:43		-122.361	37.717	2089072.116	6023292.308		2191.009	RS-700	0.27049509434
7461	9/12/2019 9:57:44		-122.361	37.717	2089071.967	6023292.450		2219.134	RS-700	0.44738616352
7462	9/12/2019 9:57:45		-122.361	37.717	2089071.707	6023292.734		2219.911	RS-700	0.45227220126
7463	9/12/2019 9:57:46		-122.361	37.717	2089071.072	6023293.532		2153.564	RS-700	0.03499333333
7464	9/12/2019 9:57:47		-122.361	37.717	2089072.430	6023292.980		2121.762	RS-700	-0.16502125786
7465	9/12/2019 9:57:48		-122.361	37.717	2089071.795	6023293.778		2075.741	RS-700	-0.45445836478
7466	9/12/2019 9:57:49		-122.361	37.717	2089068.980	6023296.152		2111.861	RS-700	-0.22729050315
7467	9/12/2019 9:57:50		-122.361	37.717	2089068.866	6023296.410		2186.897	RS-700	0.24463295598
7468	9/12/2019 9:57:51		-122.361	37.717	2089068.751	6023296.697		2220.581	RS-700	0.45648654088
7469	9/12/2019 9:57:52		-122.361	37.717	2089068.479	6023297.530		2193.008	RS-700	0.28307094340
7470	9/12/2019 9:57:53		-122.361	37.717	2089068.477	6023297.675		2161.779	RS-700	0.08666000000
7471	9/12/2019 9:57:54		-122.361	37.717	2089068.394	6023298.165		2205.887	RS-700	0.36406855346
7472	9/12/2019 9:57:55		-122.361	37.717	2089068.120	6023299.114		2215.458	RS-700	0.42426647799
7473	9/12/2019 9:57:56		-122.361	37.717	2089067.701	6023300.061		2142.998	RS-700	-0.03145666667
7474	9/12/2019 9:57:57		-122.361	37.717	2089067.210	6023300.919		2180.226	RS-700	0.20267798742
7475	9/12/2019 9:57:58		-122.361	37.717	2089066.393	6023301.742		2270.280	RS-700	0.76905408805
7476	9/12/2019 9:57:59		-122.361	37.717	2089067.643	6023301.130		2161.671	RS-700	0.08598163522
7477	9/12/2019 9:58:00		-122.361	37.717	2089064.504	6023303.324		2058.532	RS-700	-0.56269446541
7478	9/12/2019 9:58:01		-122.361	37.717	2089063.430	6023304.229		2141.553	RS-700	-0.04054515723
7479	9/12/2019 9:58:02		-122.361	37.717	2089064.266	6023304.274		2040.737	RS-700	-0.67461012579
7480	9/12/2019 9:58:03		-122.361	37.717	2089063.399	6023305.790		2112.449	RS-700	-0.22359270440
7481	9/12/2019 9:58:04		-122.361	37.717	2089062.463	6023307.073		2077.533	RS-700	-0.44318874214
7482	9/12/2019 9:58:05		-122.361	37.717	2089061.567	6023308.155		2098.754	RS-700	-0.30972440252
7483	9/12/2019 9:58:06		-122.361	37.717	2089058.716	6023310.499		2089.757	RS-700	-0.36631100629
7484	9/12/2019 9:58:07		-122.361	37.717	2089059.846	6023310.464		2023.745	RS-700	-0.78147591195
7485	9/12/2019 9:58:08		-122.361	37.717	2089058.766	6023311.658		1979.716	RS-700	-1.05838974843
7486	9/12/2019 9:58:09		-122.361	37.717	2089057.761	6023312.737		2017.325	RS-700	-0.82185383648
7487	9/12/2019 9:58:10		-122.361	37.717	2089056.793	6023313.817		1964.506	RS-700	-1.15404754717
7488	9/12/2019 9:58:11		-122.361	37.717	2089055.750	6023314.982		2037.455	RS-700	-0.69524861635
7489	9/12/2019 9:58:12		-122.361	37.717	2089054.852	6023316.180		2051.843	RS-700	-0.60476283019
7490	9/12/2019 9:58:13		-122.361	37.717	2089054.023	6023317.581		2127.975	RS-700	-0.12594031447
7491	9/12/2019 9:58:14		-122.361	37.717	2089051.274	6023320.303		2028.425	RS-700	-0.75204528302
7492	9/12/2019 9:58:15		-122.361	37.717	2089050.442	6023321.849		2066.632	RS-700	-0.51174836478
7493	9/12/2019 9:58:16		-122.361	37.717	2089049.394	6023323.246		2061.862	RS-700	-0.54175056604
7494	9/12/2019 9:58:17		-122.361	37.717	2089048.351	6023324.440		2019.734	RS-700	-0.80670610063
7495	9/12/2019 9:58:18		-122.361	37.717	2089047.120	6023325.891		2030.035	RS-700	-0.74191937107
7496	9/12/2019 9:58:19		-122.361	37.717	2089047.699	6023326.105		2034.536	RS-700	-0.71360893082
7497	9/12/2019 9:58:20		-122.361	37.717	2089046.652	6023327.473		2152.747	RS-700	0.02985616352
7498	9/12/2019 9:58:21		-122.361	37.717	2089045.712	6023328.959		2094.755	RS-700	-0.33487603774
7499	9/12/2019 9:58:22		-122.361	37.717	2089044.661	6023330.500		2121.542	RS-700	-0.16640452830
7500	9/12/2019 9:58:23		-122.361	37.717	2089041.951	6023333.108		2089.365	RS-700	-0.36877289308
7501	9/12/2019 9:58:24		-122.361	37.717	2089041.044	6023334.768		2062.635	RS-700	-0.53688981132
7502	9/12/2019 9:58:25		-122.361	37.717	2089040.029	6023336.339		2046.141	RS-700	-0.64062144654

Gamma Scan Survey Results
Survey Unit 4 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
7503	9/12/2019 9:58:26		-122.361	37.717	2089038.944	6023337.792		2063.535	RS-700	-0.53122597484
7504	9/12/2019 9:58:27		-122.361	37.717	2089037.609	6023339.010		2099.548	RS-700	-0.30473050315
7505	9/12/2019 9:58:28		-122.361	37.717	2089038.118	6023339.020		2031.723	RS-700	-0.73130232704
7506	9/12/2019 9:58:29		-122.361	37.717	2089035.266	6023341.451		2095.164	RS-700	-0.33230389937
7507	9/12/2019 9:58:30		-122.361	37.717	2089034.430	6023343.170		2106.074	RS-700	-0.26368433962
7508	9/12/2019 9:58:31		-122.361	37.717	2089033.628	6023345.035		2059.950	RS-700	-0.55377616352
7509	9/12/2019 9:58:32		-122.361	37.717	2089032.867	6023346.698		2023.036	RS-700	-0.78593842767
7510	9/12/2019 9:58:33		-122.361	37.717	2089032.069	6023348.360		2013.626	RS-700	-0.84512169811
7511	9/12/2019 9:58:34		-122.361	37.717	2089031.166	6023349.817		2134.766	RS-700	-0.08323182390
7512	9/12/2019 9:58:35		-122.361	37.717	2089030.012	6023351.067		2092.644	RS-700	-0.34815238994
7513	9/12/2019 9:58:36		-122.361	37.717	2089028.715	6023352.228		2116.519	RS-700	-0.19799364780
7514	9/12/2019 9:58:37		-122.361	37.717	2089027.234	6023353.442		2025.637	RS-700	-0.76957610063
7515	9/12/2019 9:58:38		-122.361	37.717	2089025.824	6023354.716		2160.886	RS-700	0.08104308176
7516	9/12/2019 9:58:39		-122.361	37.717	2089024.706	6023355.996		2169.134	RS-700	0.13291635220
7517	9/12/2019 9:58:40		-122.361	37.717	2089024.067	6023356.995		2114.657	RS-700	-0.20970716981
7518	9/12/2019 9:58:41		-122.361	37.717	2089023.881	6023357.223		2073.646	RS-700	-0.46763811321
7519	9/12/2019 9:58:42		-122.361	37.717	2089023.506	6023357.765		2077.860	RS-700	-0.44113358491
7520	9/12/2019 9:58:43		-122.361	37.717	2089022.985	6023358.334		2117.869	RS-700	-0.18950345912
7521	9/12/2019 9:58:44		-122.361	37.717	2089022.426	6023358.959		2085.855	RS-700	-0.39085094340
7522	9/12/2019 9:58:45		-122.361	37.717	2089021.462	6023359.808		2098.861	RS-700	-0.30905106918
7523	9/12/2019 9:58:46		-122.361	37.717	2089020.426	6023360.626		2011.716	RS-700	-0.85713465409
7524	9/12/2019 9:58:47		-122.361	37.717	2089019.018	6023361.842		2071.541	RS-700	-0.48087295598
7525	9/12/2019 9:58:48		-122.361	37.717	2089019.626	6023362.375		2159.782	RS-700	0.07410251572
7526	9/12/2019 9:58:49		-122.361	37.717	2089016.843	6023364.981		2209.475	RS-700	0.38663333333
7527	9/12/2019 9:58:50		-122.361	37.717	2089015.974	6023366.555		2144.774	RS-700	-0.02029075472
7528	9/12/2019 9:58:51		-122.361	37.717	2089015.107	6023368.042		2206.126	RS-700	0.36557050315
7529	9/12/2019 9:58:52		-122.361	37.717	2089014.169	6023369.441		2165.562	RS-700	0.11045012579
7530	9/12/2019 9:58:53		-122.361	37.717	2089012.972	6023371.009		2102.870	RS-700	-0.28383471698
7531	9/12/2019 9:58:54		-122.361	37.717	2089011.596	6023372.457		2052.637	RS-700	-0.59976559748
7532	9/12/2019 9:58:55		-122.361	37.717	2089012.282	6023372.760		2060.745	RS-700	-0.54877610063
7533	9/12/2019 9:58:56		-122.361	37.717	2089009.466	6023375.163		2057.952	RS-700	-0.56634176101
7534	9/12/2019 9:58:57		-122.361	37.717	2089008.457	6023376.473		2154.342	RS-700	0.03988968553
7535	9/12/2019 9:58:58		-122.361	37.717	2089007.336	6023377.898		1991.918	RS-700	-0.98164905660
7536	9/12/2019 9:58:59		-122.361	37.717	2089005.998	6023379.231		1998.314	RS-700	-0.94141905660
7537	9/12/2019 9:59:00		-122.361	37.717	2089004.663	6023380.448		2097.444	RS-700	-0.31796037736
7538	9/12/2019 9:59:01		-122.361	37.717	2089003.660	6023381.441		2137.769	RS-700	-0.06434446541
7539	9/12/2019 9:59:02		-122.361	37.717	2089002.436	6023382.545		2248.148	RS-700	0.62986408805
7540	9/12/2019 9:59:03		-122.361	37.717	2089001.175	6023383.677		2222.568	RS-700	0.46898371069
7541	9/12/2019 9:59:04		-122.361	37.717	2089001.864	6023383.835		2049.936	RS-700	-0.61675691824
7542	9/12/2019 9:59:05		-122.361	37.717	2088999.047	6023386.296		2206.579	RS-700	0.36841955975
7543	9/12/2019 9:59:06		-122.361	37.717	2088998.070	6023387.839		2211.680	RS-700	0.40050031447
7544	9/12/2019 9:59:07		-122.361	37.717	2088996.985	6023389.264		2265.046	RS-700	0.73613647799
7545	9/12/2019 9:59:08		-122.361	37.717	2088995.685	6023390.540		2088.540	RS-700	-0.37396069182
7546	9/12/2019 9:59:09		-122.361	37.717	2088996.338	6023390.697		2112.972	RS-700	-0.22030289308
7547	9/12/2019 9:59:10		-122.361	37.717	2088995.660	6023391.812		2121.776	RS-700	-0.16493157233
7548	9/12/2019 9:59:10		-122.361	37.717	2088995.660	6023391.812		2232.582	RS-700	0.53196352201
7549	9/12/2019 9:59:12		-122.361	37.717	2088992.475	6023396.291		2187.897	RS-700	0.25092591195
7550	9/12/2019 9:59:13		-122.361	37.717	2088991.607	6023397.836		2128.293	RS-700	-0.12394194969
7551	9/12/2019 9:59:14		-122.361	37.717	2088990.669	6023399.235		2171.212	RS-700	0.14598993711
7552	9/12/2019 9:59:15		-122.361	37.717	2088989.510	6023400.745		2165.359	RS-700	0.10917301887
7553	9/12/2019 9:59:16		-122.361	37.717	2088988.317	6023402.110		2217.123	RS-700	0.43473704403
7554	9/12/2019 9:59:17		-122.361	37.717	2088987.159	6023403.562		2145.201	RS-700	-0.01760377358
7555	9/12/2019 9:59:18		-122.361	37.717	2088986.002	6023404.986		2109.072	RS-700	-0.24482930818
7556	9/12/2019 9:59:19		-122.361	37.717	2088984.951	6023406.527		2102.759	RS-700	-0.28453433962
7557	9/12/2019 9:59:20		-122.361	37.717	2088984.121	6023407.986		2128.660	RS-700	-0.12163547170
7558	9/12/2019 9:59:21		-122.361	37.717	2088983.627	6023409.018		2054.747	RS-700	-0.58649767296
7559	9/12/2019 9:59:22		-122.361	37.717	2088985.350	6023408.445		2041.523	RS-700	-0.66966886793
7560	9/12/2019 9:59:23		-122.361	37.717	2088985.311	6023408.589		2122.553	RS-700	-0.16004654088
7561	9/12/2019 9:59:24		-122.361	37.717	2088983.358	6023409.736		2121.976	RS-700	-0.16367327044
7562	9/12/2019 9:59:25		-122.361	37.717	2088983.394	6023409.737		2000.616	RS-700	-0.92694440252
7563	9/12/2019 9:59:26		-122.361	37.717	2088983.394	6023409.737		2113.078	RS-700	-0.21963578616

Gamma Scan Survey Results
Survey Unit 4 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
7564	9/12/2019 9:59:27		-122.361	37.717	2088983.394	6023409.737		2057.640	RS-700	-0.56830125786
7565	9/12/2019 9:59:28		-122.361	37.717	2088983.358	6023409.736		2108.080	RS-700	-0.25107213837
7566	9/12/2019 9:59:29		-122.361	37.717	2088983.358	6023409.736		2139.664	RS-700	-0.05242610063
7567	9/12/2019 9:59:30		-122.361	37.717	2088983.358	6023409.736		2176.562	RS-700	0.17963471698
7568	9/12/2019 9:59:31		-122.361	37.717	2088983.358	6023409.736		2049.157	RS-700	-0.62165132076
7569	9/12/2019 9:59:32		-122.361	37.717	2088983.358	6023409.736		2112.762	RS-700	-0.22162333333
7570	9/12/2019 9:59:33		-122.361	37.717	2088983.358	6023409.736		2082.855	RS-700	-0.40971874214
7571	9/12/2019 9:59:34		-122.361	37.717	2088983.358	6023409.736		2103.549	RS-700	-0.27956641509
7572	9/12/2019 9:59:35		-122.361	37.717	2088983.359	6023409.707		2130.555	RS-700	-0.10971924528
7573	9/12/2019 9:59:36		-122.361	37.717	2088983.359	6023409.707		2093.231	RS-700	-0.34445911950
7574	9/12/2019 9:59:37		-122.361	37.717	2088983.359	6023409.707		2015.834	RS-700	-0.83123182390
7575	9/12/2019 9:59:38		-122.361	37.717	2088983.395	6023409.708		2138.984	RS-700	-0.05670446541
7576	9/12/2019 9:59:39		-122.361	37.717	2088983.358	6023409.736		2109.656	RS-700	-0.24115823899
7577	9/12/2019 9:59:40		-122.361	37.717	2088983.359	6023409.707		2127.870	RS-700	-0.12660301887
7578	9/12/2019 9:59:41		-122.361	37.717	2088983.359	6023409.707		2114.871	RS-700	-0.20836132076
7579	9/12/2019 9:59:42		-122.361	37.717	2088983.616	6023409.567		2184.114	RS-700	0.22713106918
7580	9/12/2019 9:59:43		-122.361	37.717	2088983.616	6023409.567		2057.539	RS-700	-0.56893842767
7581	9/12/2019 9:59:44		-122.361	37.717	2088983.617	6023409.538		2054.829	RS-700	-0.58598371069
7582	9/12/2019 9:59:45		-122.361	37.717	2088983.617	6023409.538		2069.643	RS-700	-0.49280949686
7583	9/12/2019 9:59:46		-122.361	37.717	2088983.617	6023409.538		1964.615	RS-700	-1.15336295597
7584	9/12/2019 9:59:47		-122.361	37.717	2088983.616	6023409.567		2090.433	RS-700	-0.36205616352
7585	9/12/2019 9:59:48		-122.361	37.717	2088983.653	6023409.568		2095.650	RS-700	-0.32924660377
7586	9/12/2019 9:59:49		-122.361	37.717	2088983.616	6023409.567		2065.643	RS-700	-0.51797138365
7587	9/12/2019 9:59:50		-122.361	37.717	2088983.616	6023409.567		2064.043	RS-700	-0.52802962264
7588	9/12/2019 9:59:51		-122.361	37.717	2088983.653	6023409.568		2073.749	RS-700	-0.46698798742
7589	9/12/2019 9:59:52		-122.361	37.717	2088983.653	6023409.568		2147.775	RS-700	-0.00141238994
7590	9/12/2019 9:59:53		-122.361	37.717	2088983.615	6023409.654		2101.550	RS-700	-0.29214012579
7591	9/12/2019 9:59:54		-122.361	37.717	2088983.489	6023410.462		2081.167	RS-700	-0.42033327044
7592	9/12/2019 9:59:55		-122.361	37.717	2088983.174	6023411.670		2101.446	RS-700	-0.29279320755
7593	9/12/2019 9:59:56		-122.361	37.717	2088982.598	6023413.163		2082.844	RS-700	-0.40978540881
7594	9/12/2019 9:59:57		-122.361	37.717	2088981.738	6023414.304		2130.291	RS-700	-0.11137735849
7595	9/12/2019 9:59:58		-122.361	37.717	2088982.281	6023414.459		2107.288	RS-700	-0.25604748428
7596	9/12/2019 9:59:59		-122.361	37.717	2088981.052	6023415.823		2126.126	RS-700	-0.13757345912
7597	9/12/2019 10:00:00		-122.361	37.717	2088978.305	6023418.430		2150.101	RS-700	0.01321540881
7598	9/12/2019 10:00:01		-122.361	37.717	2088977.144	6023420.056		2142.341	RS-700	-0.03558817610
7599	9/12/2019 10:00:02		-122.361	37.717	2088976.055	6023421.712		2184.902	RS-700	0.23208515723
7600	9/12/2019 10:00:03		-122.361	37.717	2088974.930	6023423.339		2265.699	RS-700	0.74024327044
7601	9/12/2019 10:00:04		-122.361	37.717	2088975.433	6023423.667		2187.135	RS-700	0.24613515723
7602	9/12/2019 10:00:05		-122.361	37.717	2088974.026	6023424.825		2171.999	RS-700	0.15093427673
7603	9/12/2019 10:00:06		-122.361	37.717	2088972.797	6023426.219		2135.994	RS-700	-0.07550716981
7604	9/12/2019 10:00:07		-122.361	37.717	2088971.926	6023427.850		2146.777	RS-700	-0.00769251572
7605	9/12/2019 10:00:08		-122.361	37.717	2088971.021	6023429.423		2144.553	RS-700	-0.02168125786
7606	9/12/2019 10:00:09		-122.361	37.717	2088970.042	6023431.053		2180.549	RS-700	0.20470817610
7607	9/12/2019 10:00:10		-122.361	37.717	2088968.993	6023432.508		2157.987	RS-700	0.06281232704
7608	9/12/2019 10:00:11		-122.361	37.717	2088967.769	6023433.640		2236.926	RS-700	0.55928358491
7609	9/12/2019 10:00:12		-122.361	37.717	2088966.473	6023434.714		2324.301	RS-700	1.10880880503
7610	9/12/2019 10:00:13		-122.361	37.717	2088965.216	6023435.644		2246.026	RS-700	0.61651773585
7611	9/12/2019 10:00:14		-122.361	37.717	2088964.103	6023436.663		2120.093	RS-700	-0.17551786164
7612	9/12/2019 10:00:15		-122.361	37.717	2088960.697	6023439.459		2129.767	RS-700	-0.11467025157
7613	9/12/2019 10:00:16		-122.361	37.717	2088959.574	6023440.999		2174.342	RS-700	0.16567000000
7614	9/12/2019 10:00:17		-122.361	37.717	2088958.451	6023442.539		2154.212	RS-700	0.03907157233
7615	9/12/2019 10:00:18		-122.361	37.717	2088957.295	6023443.876		2175.566	RS-700	0.17337000000
7616	9/12/2019 10:00:19		-122.361	37.717	2088955.964	6023444.862		2183.787	RS-700	0.22507823899
7617	9/12/2019 10:00:20		-122.361	37.717	2088954.490	6023445.730		2207.018	RS-700	0.37118452830
7618	9/12/2019 10:00:21		-122.361	37.717	2088955.226	6023445.368		2100.556	RS-700	-0.29839270440
7619	9/12/2019 10:00:22		-122.361	37.717	2088953.923	6023446.789		2011.824	RS-700	-0.85644987421
7620	9/12/2019 10:00:23		-122.361	37.717	2088952.799	6023448.387		1997.034	RS-700	-0.94947276730
7621	9/12/2019 10:00:24		-122.361	37.717	2088951.711	6023449.985		2003.723	RS-700	-0.90739974843
7622	9/12/2019 10:00:25		-122.361	37.717	2088950.556	6023451.264		2072.058	RS-700	-0.47762459120
7623	9/12/2019 10:00:26		-122.361	37.717	2088949.475	6023452.515		1994.019	RS-700	-0.96843176101
7624	9/12/2019 10:00:27		-122.361	37.717	2088948.356	6023453.882		2018.321	RS-700	-0.81559257862

Gamma Scan Survey Results
Survey Unit 4 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
7625	9/12/2019 10:00:28		-122.361	37.717	2088945.314	6023456.656		2089.962	RS-700	-0.36501861635
7626	9/12/2019 10:00:29		-122.361	37.717	2088944.443	6023458.346		2054.669	RS-700	-0.58698924528
7627	9/12/2019 10:00:30		-122.361	37.717	2088943.575	6023459.862		2235.021	RS-700	0.54729924528
7628	9/12/2019 10:00:31		-122.361	37.717	2088942.781	6023461.351		2174.111	RS-700	0.16421805031
7629	9/12/2019 10:00:32		-122.361	37.717	2088942.130	6023462.929		2196.118	RS-700	0.30263182390
7630	9/12/2019 10:00:33		-122.361	37.717	2088941.901	6023463.445		2133.564	RS-700	-0.09079119497
7631	9/12/2019 10:00:34		-122.361	37.717	2088942.282	6023462.614		2032.628	RS-700	-0.72561025157
7632	9/12/2019 10:00:35		-122.361	37.717	2088942.476	6023462.010		2131.669	RS-700	-0.10271176101
7633	9/12/2019 10:00:36		-122.361	37.717	2088942.357	6023462.528		2174.675	RS-700	0.16776779874
7634	9/12/2019 10:00:37		-122.361	37.717	2088941.856	6023463.907		2099.861	RS-700	-0.30276069182
7635	9/12/2019 10:00:38		-122.361	37.717	2088941.060	6023465.453		2183.007	RS-700	0.22017220126
7636	9/12/2019 10:00:39		-122.361	37.717	2088939.904	6023466.819		2065.053	RS-700	-0.52167628931
7637	9/12/2019 10:00:40		-122.361	37.717	2088938.897	6023468.014		2063.643	RS-700	-0.53054962264
7638	9/12/2019 10:00:41		-122.361	37.717	2088938.035	6023469.212		2080.538	RS-700	-0.42429094340
7639	9/12/2019 10:00:42		-122.361	37.717	2088937.213	6023470.295		2132.199	RS-700	-0.09938044025
7640	9/12/2019 10:00:43		-122.361	37.717	2088937.976	6023470.368		2190.791	RS-700	0.26912559748
7641	9/12/2019 10:00:44		-122.361	37.717	2088936.712	6023471.674		2159.669	RS-700	0.07338949686
7642	9/12/2019 10:00:45		-122.361	37.717	2088935.443	6023473.211		2170.142	RS-700	0.13925515723
7643	9/12/2019 10:00:46		-122.361	37.717	2088932.766	6023475.964		2228.135	RS-700	0.50399371069
7644	9/12/2019 10:00:47		-122.361	37.717	2088931.825	6023477.507		2159.693	RS-700	0.07353874214
7645	9/12/2019 10:00:48		-122.361	37.717	2088930.810	6023479.078		2143.767	RS-700	-0.02662194969
7646	9/12/2019 10:00:49		-122.361	37.717	2088931.273	6023479.608		2154.573	RS-700	0.04134144654
7647	9/12/2019 10:00:50		-122.361	37.717	2088930.040	6023481.204		2150.638	RS-700	0.01658993711
7648	9/12/2019 10:00:51		-122.361	37.717	2088927.077	6023483.662		2034.631	RS-700	-0.71301069182
7649	9/12/2019 10:00:52		-122.361	37.717	2088927.621	6023483.788		1983.814	RS-700	-1.03261408805
7650	9/12/2019 10:00:53		-122.361	37.717	2088926.392	6023485.182		2052.747	RS-700	-0.59907698113
7651	9/12/2019 10:00:54		-122.361	37.717	2088925.266	6023486.837		2089.438	RS-700	-0.36831320755
7652	9/12/2019 10:00:55		-122.361	37.717	2088922.405	6023489.702		2199.001	RS-700	0.32075924528
7653	9/12/2019 10:00:56		-122.361	37.717	2088921.238	6023491.588		2151.963	RS-700	0.02492477987
7654	9/12/2019 10:00:57		-122.361	37.717	2088920.153	6023493.042		2079.935	RS-700	-0.42808490566
7655	9/12/2019 10:00:58		-122.361	37.717	2088920.581	6023493.514		2232.669	RS-700	0.53250893082
7656	9/12/2019 10:00:59		-122.361	37.717	2088919.387	6023494.965		2172.110	RS-700	0.15163295598
7657	9/12/2019 10:01:00		-122.361	37.717	2088918.264	6023496.476		2144.985	RS-700	-0.01896251572
7658	9/12/2019 10:01:01		-122.361	37.717	2088915.558	6023498.853		2171.308	RS-700	0.14659264151
7659	9/12/2019 10:01:02		-122.361	37.717	2088915.694	6023499.347		2234.455	RS-700	0.54374037736
7660	9/12/2019 10:01:03		-122.361	37.717	2088912.806	6023501.749		2248.378	RS-700	0.63130572327
7661	9/12/2019 10:01:04		-122.361	37.717	2088912.941	6023502.272		2235.807	RS-700	0.55224238994
7662	9/12/2019 10:01:05		-122.361	37.717	2088911.782	6023503.783		2140.772	RS-700	-0.04545748428
7663	9/12/2019 10:01:06		-122.361	37.717	2088910.729	6023505.440		2285.595	RS-700	0.86537911950
7664	9/12/2019 10:01:07		-122.361	37.717	2088908.166	6023507.963		2248.149	RS-700	0.62986490566
7665	9/12/2019 10:01:08		-122.361	37.717	2088907.041	6023509.590		2179.563	RS-700	0.19851238994
7666	9/12/2019 10:01:09		-122.361	37.717	2088906.135	6023511.221		2244.037	RS-700	0.60400352201
7667	9/12/2019 10:01:10		-122.361	37.717	2088905.192	6023512.823		2142.865	RS-700	-0.03229559748
7668	9/12/2019 10:01:11		-122.361	37.717	2088904.138	6023514.566		2242.686	RS-700	0.59551220126
7669	9/12/2019 10:01:12		-122.361	37.717	2088903.230	6023516.284		2148.560	RS-700	0.00352314465
7670	9/12/2019 10:01:13		-122.361	37.717	2088902.363	6023517.742		2209.572	RS-700	0.38724226415
7671	9/12/2019 10:01:14		-122.361	37.717	2088901.276	6023519.283		2206.796	RS-700	0.36978723270
7672	9/12/2019 10:01:15		-122.361	37.717	2088900.012	6023520.617		2182.897	RS-700	0.21947773585
7673	9/12/2019 10:01:16		-122.361	37.717	2088900.079	6023520.908		2132.902	RS-700	-0.09495352201
7674	9/12/2019 10:01:17		-122.361	37.717	2088898.746	6023521.981		2200.905	RS-700	0.33273484277
7675	9/12/2019 10:01:18		-122.361	37.717	2088897.377	6023523.082		2056.640	RS-700	-0.57459119497
7676	9/12/2019 10:01:19		-122.361	37.717	2088896.153	6023524.186		2182.460	RS-700	0.21672641509
7677	9/12/2019 10:01:20		-122.361	37.717	2088895.329	6023525.356		2067.648	RS-700	-0.50535867925
7678	9/12/2019 10:01:21		-122.361	37.717	2088893.210	6023527.512		1783.464	RS-700	-2.29268081761
7679	9/12/2019 10:01:22		-122.361	37.717	2088892.456	6023528.770		1894.604	RS-700	-1.59368792453
7680	9/12/2019 10:01:23		-122.361	37.717	2088891.478	6023530.371		2047.423	RS-700	-0.63255729560
7681	9/12/2019 10:01:24		-122.361	37.717	2088890.539	6023531.799		2054.047	RS-700	-0.59090000000
7682	9/12/2019 10:01:25		-122.361	37.717	2088889.234	6023533.335		1994.434	RS-700	-0.96582408805
7683	9/12/2019 10:01:26		-122.361	37.717	2088887.819	6023534.898		2034.631	RS-700	-0.71300968554
7684	9/12/2019 10:01:27		-122.361	37.717	2088887.842	6023535.564		2073.063	RS-700	-0.47130106918
7685	9/12/2019 10:01:28		-122.361	37.717	2088886.500	6023537.100		2126.082	RS-700	-0.13784603774

Gamma Scan Survey Results
Survey Unit 4 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
7686	9/12/2019 10:01:29		-122.361	37.717	2088885.269	6023538.579		2078.059	RS-700	-0.43987748428
7687	9/12/2019 10:01:30		-122.361	37.717	2088882.816	6023541.048		2090.169	RS-700	-0.36371798742
7688	9/12/2019 10:01:31		-122.361	37.717	2088881.873	6023542.707		2074.059	RS-700	-0.46503880503
7689	9/12/2019 10:01:32		-122.361	37.717	2088881.115	6023544.196		2013.824	RS-700	-0.84387327044
7690	9/12/2019 10:01:33		-122.361	37.717	2088880.476	6023545.196		1976.417	RS-700	-1.07914018868
7691	9/12/2019 10:01:34		-122.361	37.717	2088879.691	6023546.222		2129.651	RS-700	-0.11540295598
7692	9/12/2019 10:01:35		-122.361	37.717	2088879.868	6023546.457		2095.547	RS-700	-0.32989496855
7693	9/12/2019 10:01:36		-122.361	37.717	2088878.426	6023547.528		2079.165	RS-700	-0.43292289308
7694	9/12/2019 10:01:37		-122.361	37.717	2088877.093	6023548.658		1971.005	RS-700	-1.11317905660
7695	9/12/2019 10:01:38		-122.361	37.717	2088875.756	6023549.962		2064.431	RS-700	-0.52559276730
7696	9/12/2019 10:01:39		-122.361	37.717	2088873.126	6023552.196		2060.037	RS-700	-0.55322880503
7697	9/12/2019 10:01:40		-122.361	37.717	2088871.932	6023553.618		2090.329	RS-700	-0.36270968554
7698	9/12/2019 10:01:41		-122.361	37.717	2088870.702	6023555.041		2087.164	RS-700	-0.38261427673
7699	9/12/2019 10:01:42		-122.361	37.717	2088869.621	6023556.263		2137.660	RS-700	-0.06502911950
7700	9/12/2019 10:01:43		-122.361	37.717	2088868.614	6023557.458		2119.569	RS-700	-0.17881238994
7701	9/12/2019 10:01:44		-122.360	37.717	2088867.603	6023558.885		2033.528	RS-700	-0.71995138365
7702	9/12/2019 10:01:45		-122.360	37.717	2088866.552	6023560.426		2021.826	RS-700	-0.79354798742
7703	9/12/2019 10:01:46		-122.360	37.717	2088865.473	6023561.591		2069.160	RS-700	-0.49585194969
7704	9/12/2019 10:01:47		-122.360	37.717	2088864.541	6023562.671		2072.854	RS-700	-0.47261698113
7705	9/12/2019 10:01:48		-122.360	37.717	2088863.682	6023563.725		2102.864	RS-700	-0.28387578616
7706	9/12/2019 10:01:49		-122.360	37.717	2088862.898	6023564.722		2115.869	RS-700	-0.20208163522
7707	9/12/2019 10:01:50		-122.360	37.717	2088861.931	6023565.744		2086.857	RS-700	-0.38454572327
7708	9/12/2019 10:01:51		-122.360	37.717	2088860.891	6023566.765		2029.223	RS-700	-0.74702635220
7709	9/12/2019 10:01:52		-122.360	37.717	2088860.956	6023567.113		2115.638	RS-700	-0.20353201258
7710	9/12/2019 10:01:53		-122.360	37.717	2088859.802	6023568.392		2127.086	RS-700	-0.13153402516
7711	9/12/2019 10:01:54		-122.360	37.717	2088858.605	6023569.960		2128.872	RS-700	-0.12029911950
7712	9/12/2019 10:01:55		-122.360	37.717	2088857.522	6023571.356		2126.086	RS-700	-0.13782427673
7713	9/12/2019 10:01:56		-122.360	37.717	2088856.364	6023572.779		2160.559	RS-700	0.07898792453
7714	9/12/2019 10:01:57		-122.360	37.717	2088855.465	6023574.034		2151.561	RS-700	0.02239842767
7715	9/12/2019 10:01:58		-122.360	37.717	2088854.748	6023575.322		2171.647	RS-700	0.14872201258
7716	9/12/2019 10:01:59		-122.360	37.717	2088853.881	6023576.780		2206.126	RS-700	0.36557062893
7717	9/12/2019 10:02:00		-122.360	37.717	2088852.683	6023578.434		2179.999	RS-700	0.20125364780
7718	9/12/2019 10:02:01		-122.360	37.717	2088851.415	6023579.942		2083.859	RS-700	-0.40340150943
7719	9/12/2019 10:02:02		-122.360	37.717	2088850.323	6023581.714		2158.876	RS-700	0.06840490566
7720	9/12/2019 10:02:03		-122.360	37.717	2088849.715	6023583.004		2132.081	RS-700	-0.10011654088
7721	9/12/2019 10:02:04		-122.360	37.717	2088849.642	6023583.003		2175.464	RS-700	0.17273018868
7722	9/12/2019 10:02:05		-122.360	37.717	2088847.530	6023582.990		2221.576	RS-700	0.46273962264
7723	9/12/2019 10:02:06		-122.360	37.717	2088847.385	6023581.135		2222.798	RS-700	0.47042503145
7724	9/12/2019 10:02:07		-122.360	37.717	2088846.725	6023579.531		2186.793	RS-700	0.24398276730
7725	9/12/2019 10:02:08		-122.360	37.717	2088845.477	6023578.175		2189.789	RS-700	0.26282522013
7726	9/12/2019 10:02:09		-122.360	37.717	2088843.346	6023577.294		2088.961	RS-700	-0.37131547170
7727	9/12/2019 10:02:10		-122.360	37.717	2088841.079	6023577.741		2193.011	RS-700	0.28308698113
7728	9/12/2019 10:02:11		-122.360	37.717	2088839.377	6023579.095		2079.853	RS-700	-0.42859635220
7729	9/12/2019 10:02:12		-122.360	37.717	2088838.426	6023581.102		2052.743	RS-700	-0.59910132076
7730	9/12/2019 10:02:13		-122.360	37.717	2088838.236	6023583.325		2167.868	RS-700	0.12495301887
7731	9/12/2019 10:02:14		-122.360	37.717	2088838.594	6023585.473		2032.931	RS-700	-0.72370194969
7732	9/12/2019 10:02:15		-122.360	37.717	2088839.102	6023587.422		2061.744	RS-700	-0.54249194969
7733	9/12/2019 10:02:16		-122.360	37.717	2088839.471	6023588.991		2099.860	RS-700	-0.30276459120
7734	9/12/2019 10:02:17		-122.360	37.717	2088839.918	6023590.331		2054.050	RS-700	-0.59088144654
7735	9/12/2019 10:02:18		-122.360	37.717	2088839.883	6023590.244		2024.631	RS-700	-0.77590364780
7736	9/12/2019 10:02:19		-122.360	37.717	2088839.567	6023589.688		2016.838	RS-700	-0.82491547170
7737	9/12/2019 10:02:20		-122.360	37.717	2088839.359	6023589.134		2078.953	RS-700	-0.43425861635
7738	9/12/2019 10:02:21		-122.360	37.717	2088839.262	6023588.524		2054.040	RS-700	-0.59094452830
7739	9/12/2019 10:02:22		-122.360	37.717	2088839.319	6023587.513		2053.638	RS-700	-0.59347314465
7740	9/12/2019 10:02:23		-122.360	37.717	2088839.477	6023586.880		2137.200	RS-700	-0.06792433962
7741	9/12/2019 10:02:24		-122.360	37.717	2088839.243	6023587.656		2124.333	RS-700	-0.14884905660
7742	9/12/2019 10:02:25		-122.360	37.717	2088838.891	6023588.893		2072.748	RS-700	-0.47328522013
7743	9/12/2019 10:02:26		-122.360	37.717	2088838.494	6023590.534		2030.239	RS-700	-0.74063584906
7744	9/12/2019 10:02:27		-122.360	37.717	2088838.128	6023592.436		2004.223	RS-700	-0.90425547170
7745	9/12/2019 10:02:28		-122.360	37.717	2088837.686	6023594.540		1989.721	RS-700	-0.99546345912
7746	9/12/2019 10:02:29		-122.360	37.717	2088837.209	6023596.526		1970.713	RS-700	-1.11501528302

Gamma Scan Survey Results
Survey Unit 4 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
7747	9/12/2019 10:02:30		-122.360	37.717	2088836.735	6023598.397		2129.447	RS-700	-0.11668610063
7748	9/12/2019 10:02:31		-122.360	37.717	2088836.259	6023600.355		2030.630	RS-700	-0.73817742138
7749	9/12/2019 10:02:32		-122.360	37.717	2088835.639	6023602.252		1982.712	RS-700	-1.03954415094
7750	9/12/2019 10:02:33		-122.360	37.717	2088834.949	6023603.945		2063.536	RS-700	-0.53122226415
7751	9/12/2019 10:02:34		-122.360	37.717	2088834.041	6023605.692		2145.881	RS-700	-0.01332452830
7752	9/12/2019 10:02:35		-122.360	37.717	2088832.988	6023607.320		2107.990	RS-700	-0.25163415094
7753	9/12/2019 10:02:36		-122.360	37.717	2088831.902	6023608.861		2043.631	RS-700	-0.65640735849
7754	9/12/2019 10:02:37		-122.360	37.717	2088830.707	6023610.313		2061.641	RS-700	-0.54313880503
7755	9/12/2019 10:02:38		-122.360	37.717	2088829.551	6023611.707		1977.414	RS-700	-1.07286635220
7756	9/12/2019 10:02:39		-122.360	37.717	2088828.432	6023613.016		2040.833	RS-700	-0.67400415094
7757	9/12/2019 10:02:40		-122.360	37.717	2088827.347	6023614.470		2117.746	RS-700	-0.19027786164
7758	9/12/2019 10:02:41		-122.360	37.717	2088826.226	6023615.894		2132.195	RS-700	-0.09940452830
7759	9/12/2019 10:02:42		-122.360	37.717	2088825.068	6023617.346		2127.661	RS-700	-0.12791987421
7760	9/12/2019 10:02:43		-122.360	37.717	2088824.064	6023618.426		2047.743	RS-700	-0.63054836478
7761	9/12/2019 10:02:44		-122.360	37.717	2088823.093	6023619.621		2042.435	RS-700	-0.66393389937
7762	9/12/2019 10:02:45		-122.360	37.717	2088822.162	6023620.673		2125.660	RS-700	-0.14050226415
7763	9/12/2019 10:02:46		-122.360	37.717	2088821.192	6023621.811		2127.337	RS-700	-0.12995610063
7764	9/12/2019 10:02:47		-122.360	37.717	2088820.150	6023622.948		2097.269	RS-700	-0.31906490566
7765	9/12/2019 10:02:48		-122.360	37.717	2088819.293	6023623.886		2068.434	RS-700	-0.50041301887
7766	9/12/2019 10:02:49		-122.360	37.717	2088818.438	6023624.765		2052.528	RS-700	-0.60045270440
7767	9/12/2019 10:02:50		-122.360	37.717	2088817.807	6023625.389		2072.263	RS-700	-0.47633213837
7768	9/12/2019 10:02:51		-122.360	37.717	2088817.064	6023626.098		2024.834	RS-700	-0.77462968554
7769	9/12/2019 10:02:52		-122.360	37.717	2088816.101	6023626.947		2031.531	RS-700	-0.73251106918
7770	9/12/2019 10:02:53		-122.360	37.717	2088814.987	6023627.995		1977.911	RS-700	-1.06974452830
7771	9/12/2019 10:02:54		-122.360	37.717	2088813.910	6023629.044		2087.647	RS-700	-0.37957591195
7772	9/12/2019 10:02:55		-122.360	37.717	2088812.831	6023630.209		2095.070	RS-700	-0.33289345912
7773	9/12/2019 10:02:56		-122.360	37.717	2088811.714	6023631.430		2003.522	RS-700	-0.90866880503
7774	9/12/2019 10:02:57		-122.360	37.717	2088810.667	6023632.798		2097.449	RS-700	-0.31793371069
7775	9/12/2019 10:02:58		-122.360	37.717	2088809.801	6023634.228		2022.830	RS-700	-0.78723283019
7776	9/12/2019 10:02:59		-122.360	37.717	2088808.898	6023635.685		2015.930	RS-700	-0.83062660377
7777	9/12/2019 10:03:00		-122.360	37.717	2088808.032	6023637.114		2005.829	RS-700	-0.89415761006
7778	9/12/2019 10:03:01		-122.360	37.717	2088807.239	6023638.545		2017.423	RS-700	-0.82123779874
7779	9/12/2019 10:03:02		-122.360	37.717	2088806.338	6023639.887		2004.120	RS-700	-0.90490333333
7780	9/12/2019 10:03:03		-122.360	37.717	2088805.401	6023641.199		2085.168	RS-700	-0.39517213837
7781	9/12/2019 10:03:04		-122.360	37.717	2088804.426	6023642.626		1987.915	RS-700	-1.00682698113
7782	9/12/2019 10:03:05		-122.360	37.717	2088803.522	6023644.113		1886.685	RS-700	-1.64349069182
7783	9/12/2019 10:03:06		-122.360	37.717	2088802.544	6023645.713		2042.634	RS-700	-0.66267628931
7784	9/12/2019 10:03:07		-122.360	37.717	2088801.752	6023647.057		2151.091	RS-700	0.01943955975
7785	9/12/2019 10:03:08		-122.360	37.717	2088800.739	6023648.570		2134.876	RS-700	-0.08253974843
7786	9/12/2019 10:03:09		-122.360	37.717	2088799.798	6023650.085		2139.094	RS-700	-0.05601006289
7787	9/12/2019 10:03:10		-122.360	37.717	2088798.971	6023651.371		2095.237	RS-700	-0.33184088050
7788	9/12/2019 10:03:11		-122.360	37.717	2088798.179	6023652.772		2114.343	RS-700	-0.21167974843
7789	9/12/2019 10:03:12		-122.360	37.717	2088797.273	6023654.374		2093.079	RS-700	-0.34541754717
7790	9/12/2019 10:03:13		-122.360	37.717	2088796.257	6023656.003		2089.075	RS-700	-0.37059547170
7791	9/12/2019 10:03:14		-122.360	37.717	2088795.284	6023657.344		2121.992	RS-700	-0.16357283019
7792	9/12/2019 10:03:15		-122.360	37.717	2088794.312	6023658.597		2035.939	RS-700	-0.70478345912
7793	9/12/2019 10:03:16		-122.360	37.717	2088793.488	6023659.738		2054.737	RS-700	-0.58655792453
7794	9/12/2019 10:03:17		-122.360	37.717	2088792.553	6023660.993		2168.003	RS-700	0.12580402516
7795	9/12/2019 10:03:18		-122.360	37.717	2088791.468	6023662.446		2043.315	RS-700	-0.65839540881
7796	9/12/2019 10:03:19		-122.360	37.717	2088790.198	6023664.041		2013.625	RS-700	-0.84512320755
7797	9/12/2019 10:03:20		-122.360	37.717	2088788.925	6023665.752		2002.419	RS-700	-0.91560591195
7798	9/12/2019 10:03:21		-122.360	37.717	2088787.912	6023667.265		2080.333	RS-700	-0.42557849057
7799	9/12/2019 10:03:22		-122.360	37.717	2088787.685	6023667.666		2125.341	RS-700	-0.14251012579
7800	9/12/2019 10:03:23		-122.360	37.717	2088787.610	6023667.780		2064.751	RS-700	-0.52357880503
7801	9/12/2019 10:03:24		-122.360	37.717	2088787.234	6023668.409		2005.508	RS-700	-0.89617503145
7802	9/12/2019 10:03:25		-122.360	37.717	2088786.555	6023669.581		2064.732	RS-700	-0.52369553459
7803	9/12/2019 10:03:26		-122.360	37.717	2088785.875	6023670.812		2031.729	RS-700	-0.73126308176
7804	9/12/2019 10:03:27		-122.360	37.717	2088784.973	6023672.212		1971.514	RS-700	-1.10997635220
7805	9/12/2019 10:03:28		-122.360	37.717	2088784.069	6023673.727		1955.789	RS-700	-1.20887408805
7806	9/12/2019 10:03:29		-122.360	37.717	2088783.017	6023675.326		1936.989	RS-700	-1.32711484277
7807	9/12/2019 10:03:30		-122.360	37.717	2088782.113	6023676.841		1986.811	RS-700	-1.01376660377

Gamma Scan Survey Results
Survey Unit 4 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
7808	9/12/2019 10:03:31		-122.360	37.717	2088781.431	6023678.188		2005.926	RS-700	-0.89354672956
7809	9/12/2019 10:03:32		-122.360	37.717	2088781.009	6023679.250		2019.033	RS-700	-0.81111012579
7810	9/12/2019 10:03:33		-122.360	37.717	2088780.850	6023679.941		2059.845	RS-700	-0.55443138365
7811	9/12/2019 10:03:34		-122.360	37.717	2088780.890	6023679.739		1984.825	RS-700	-1.02625805031
7812	9/12/2019 10:03:35		-122.360	37.717	2088780.891	6023679.710		2004.126	RS-700	-0.90486754717
7813	9/12/2019 10:03:36		-122.360	37.717	2088780.927	6023679.711		2074.749	RS-700	-0.46069830189
7814	9/12/2019 10:03:37		-122.360	37.717	2088780.890	6023679.739		2087.748	RS-700	-0.37894566038
7815	9/12/2019 10:03:38		-122.360	37.717	2088780.890	6023679.739		2062.650	RS-700	-0.53679333333
7816	9/12/2019 10:03:39		-122.360	37.717	2088780.890	6023679.739		2021.128	RS-700	-0.79793415094
7817	9/12/2019 10:03:40		-122.360	37.717	2088780.850	6023679.941		1996.416	RS-700	-0.95335962264
7818	9/12/2019 10:03:41		-122.360	37.717	2088780.510	6023680.542		2040.826	RS-700	-0.67404735849
7819	9/12/2019 10:03:42		-122.360	37.717	2088779.653	6023681.508		1949.606	RS-700	-1.24776113208
7820	9/12/2019 10:03:43		-122.360	37.717	2088778.869	6023682.476		1967.004	RS-700	-1.13833792453
7821	9/12/2019 10:03:44		-122.360	37.717	2088779.019	6023682.277		1923.211	RS-700	-1.41376842767
7822	9/12/2019 10:03:45		-122.360	37.717	2088779.280	6023681.935		1996.622	RS-700	-0.95206264151
7823	9/12/2019 10:03:46		-122.360	37.717	2088779.095	6023682.105		2029.424	RS-700	-0.74576144654
7824	9/12/2019 10:03:47		-122.360	37.717	2088779.169	6023682.019		2082.059	RS-700	-0.41472100629
7825	9/12/2019 10:03:48		-122.360	37.717	2088779.728	6023681.394		2020.424	RS-700	-0.80236169811
7826	9/12/2019 10:03:49		-122.360	37.717	2088780.213	6023680.796		2065.831	RS-700	-0.51678685535
7827	9/12/2019 10:03:50		-122.360	37.717	2088780.884	6023680.057		2026.535	RS-700	-0.76392830189
7828	9/12/2019 10:03:51		-122.360	37.717	2088781.598	6023678.943		1991.124	RS-700	-0.98664031447
7829	9/12/2019 10:03:52		-122.360	37.717	2088782.423	6023677.716		2016.423	RS-700	-0.82752679245
7830	9/12/2019 10:03:53		-122.360	37.717	2088782.988	6023676.772		1928.315	RS-700	-1.38166930818
7831	9/12/2019 10:03:54		-122.360	37.717	2088783.064	6023676.658		1920.883	RS-700	-1.42840798742
7832	9/12/2019 10:03:55		-122.360	37.717	2088782.247	6023677.452		1997.922	RS-700	-0.94388924528
7833	9/12/2019 10:03:56		-122.360	37.717	2088780.691	6023678.752		2050.532	RS-700	-0.61300421384
7834	9/12/2019 10:03:57		-122.360	37.717	2088778.846	6023679.988		2083.480	RS-700	-0.40578415094
7835	9/12/2019 10:03:58		-122.360	37.717	2088776.930	6023681.107		1968.315	RS-700	-1.13009295597
7836	9/12/2019 10:03:59		-122.360	37.717	2088775.015	6023682.139		1954.275	RS-700	-1.21839773585
7837	9/12/2019 10:04:00		-122.360	37.717	2088773.393	6023683.120		2081.060	RS-700	-0.42100496855
7838	9/12/2019 10:04:01		-122.360	37.717	2088772.208	6023684.138		2003.614	RS-700	-0.90809018868
7839	9/12/2019 10:04:02		-122.360	37.717	2088771.241	6023685.131		1913.881	RS-700	-1.47244899371
7840	9/12/2019 10:04:03		-122.360	37.717	2088770.378	6023686.387		1880.775	RS-700	-1.68065836478
7841	9/12/2019 10:04:04		-122.360	37.717	2088769.659	6023687.790		1968.615	RS-700	-1.12820484277
7842	9/12/2019 10:04:05		-122.360	37.717	2088768.976	6023689.136		1847.958	RS-700	-1.88705792453
7843	9/12/2019 10:04:06		-122.360	37.717	2088768.035	6023690.680		1933.692	RS-700	-1.34784773585
7844	9/12/2019 10:04:07		-122.360	37.717	2088766.947	6023692.278		1954.701	RS-700	-1.21571415094
7845	9/12/2019 10:04:08		-122.360	37.717	2088766.575	6023692.705		1935.411	RS-700	-1.33703534591
7846	9/12/2019 10:04:09		-122.360	37.717	2088765.941	6023693.415		2021.445	RS-700	-0.79594572327
7847	9/12/2019 10:04:10		-122.360	37.717	2088765.043	6023694.613		2034.037	RS-700	-0.71674918239
7848	9/12/2019 10:04:11		-122.360	37.717	2088764.116	6023695.462		2033.940	RS-700	-0.71735754717
7849	9/12/2019 10:04:12		-122.360	37.717	2088763.111	6023696.542		2019.118	RS-700	-0.81057742138
7850	9/12/2019 10:04:13		-122.360	37.717	2088761.997	6023697.648		2060.952	RS-700	-0.54747408805
7851	9/12/2019 10:04:14		-122.360	37.717	2088761.100	6023698.816		2092.220	RS-700	-0.35082025157
7852	9/12/2019 10:04:15		-122.360	37.717	2088760.162	6023700.186		2004.320	RS-700	-0.90364798742
7853	9/12/2019 10:04:16		-122.360	37.717	2088759.328	6023701.847		1967.709	RS-700	-1.13390433962
7854	9/12/2019 10:04:17		-122.360	37.717	2088758.382	6023703.622		1916.403	RS-700	-1.45658427673
7855	9/12/2019 10:04:18		-122.360	37.717	2088757.398	6023705.483		2027.032	RS-700	-0.76080314465
7856	9/12/2019 10:04:19		-122.360	37.717	2088756.345	6023707.169		1974.618	RS-700	-1.09045320755
7857	9/12/2019 10:04:20		-122.360	37.717	2088755.364	6023708.857		2066.640	RS-700	-0.51169735849
7858	9/12/2019 10:04:21		-122.360	37.717	2088754.347	6023710.543		2065.158	RS-700	-0.52101893082
7859	9/12/2019 10:04:22		-122.360	37.717	2088753.404	6023712.202		2013.126	RS-700	-0.84826352201
7860	9/12/2019 10:04:23		-122.360	37.717	2088752.609	6023713.720		2083.061	RS-700	-0.40842012579
7861	9/12/2019 10:04:24		-122.360	37.717	2088752.041	6023714.808		2031.039	RS-700	-0.73560553459
7862	9/12/2019 10:04:25		-122.360	37.717	2088751.738	6023715.410		2086.744	RS-700	-0.38525496855
7863	9/12/2019 10:04:26		-122.360	37.717	2088751.501	6023716.331		1986.617	RS-700	-1.01498786164
7864	9/12/2019 10:04:27		-122.360	37.717	2088751.416	6023716.965		2020.221	RS-700	-0.80364308176
7865	9/12/2019 10:04:28		-122.360	37.717	2088751.376	6023717.138		2075.959	RS-700	-0.45308534591
7866	9/12/2019 10:04:29		-122.360	37.717	2088751.376	6023717.138		2011.828	RS-700	-0.85642654088
7867	9/12/2019 10:04:30		-122.360	37.717	2088751.217	6023717.772		1994.018	RS-700	-0.96843874214
7868	9/12/2019 10:04:31		-122.360	37.717	2088750.650	6023718.831		2084.481	RS-700	-0.39949031447

Gamma Scan Survey Results
Survey Unit 4 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
7869	9/12/2019 10:04:32		-122.360	37.717	2088749.752	6023720.028		1925.791	RS-700	-1.39754295597
7870	9/12/2019 10:04:33		-122.360	37.717	2088748.230	6023721.502		1984.420	RS-700	-1.02880704403
7871	9/12/2019 10:04:34		-122.360	37.717	2088746.640	6023722.714		2055.533	RS-700	-0.58155540881
7872	9/12/2019 10:04:35		-122.360	37.717	2088745.084	6023724.043		2029.930	RS-700	-0.74257641509
7873	9/12/2019 10:04:36		-122.360	37.717	2088743.637	6023725.345		1972.513	RS-700	-1.10368943396
7874	9/12/2019 10:04:37		-122.360	37.717	2088742.633	6023726.425		2021.731	RS-700	-0.79414484277
7875	9/12/2019 10:04:38		-122.360	37.717	2088741.329	6023727.903		2064.641	RS-700	-0.52427289308
7876	9/12/2019 10:04:39		-122.360	37.717	2088740.135	6023729.326		2047.433	RS-700	-0.63249610063
7877	9/12/2019 10:04:40		-122.360	37.717	2088738.720	6023730.889		2050.331	RS-700	-0.61427081761
7878	9/12/2019 10:04:41		-122.360	37.717	2088737.419	6023732.223		1912.595	RS-700	-1.48053383648
7879	9/12/2019 10:04:42		-122.360	37.717	2088736.045	6023733.526		1978.501	RS-700	-1.06602836478
7880	9/12/2019 10:04:43		-122.360	37.717	2088734.601	6023734.742		1861.045	RS-700	-1.80475006289
7881	9/12/2019 10:04:44		-122.360	37.717	2088733.148	6023736.391		1882.486	RS-700	-1.66989993711
7882	9/12/2019 10:04:45		-122.360	37.717	2088731.728	6023738.185		1867.392	RS-700	-1.76483075472
7883	9/12/2019 10:04:46		-122.360	37.717	2088730.344	6023740.009		2001.422	RS-700	-0.92187440252
7884	9/12/2019 10:04:47		-122.360	37.717	2088729.329	6023741.638		2039.059	RS-700	-0.68516119497
7885	9/12/2019 10:04:48		-122.360	37.717	2088728.392	6023742.950		2025.135	RS-700	-0.77273364780
7886	9/12/2019 10:04:49		-122.360	37.717	2088727.190	6023744.778		2008.440	RS-700	-0.87773553459
7887	9/12/2019 10:04:50		-122.360	37.717	2088725.841	6023746.718		2009.615	RS-700	-0.87034880503
7888	9/12/2019 10:04:51		-122.360	37.717	2088724.637	6023748.662		1984.521	RS-700	-1.02816905660
7889	9/12/2019 10:04:52		-122.360	37.717	2088723.506	6023750.578		1948.700	RS-700	-1.25346069182
7890	9/12/2019 10:04:53		-122.360	37.717	2088722.379	6023752.320		1995.719	RS-700	-0.95774433962
7891	9/12/2019 10:04:54		-122.360	37.717	2088721.292	6023753.861		2070.436	RS-700	-0.48782320755
7892	9/12/2019 10:04:55		-122.360	37.717	2088720.171	6023755.285		2025.326	RS-700	-0.77153163522
7893	9/12/2019 10:04:56		-122.360	37.717	2088719.121	6023756.797		2014.421	RS-700	-0.84011748428
7894	9/12/2019 10:04:57		-122.360	37.717	2088717.925	6023758.365		2061.641	RS-700	-0.54313786164
7895	9/12/2019 10:04:58		-122.360	37.717	2088716.840	6023759.790		2063.048	RS-700	-0.53428748428
7896	9/12/2019 10:04:59		-122.360	37.717	2088715.982	6023760.843		1943.802	RS-700	-1.28426213836
7897	9/12/2019 10:05:00		-122.360	37.717	2088715.011	6023762.068		2039.531	RS-700	-0.68219710692
7898	9/12/2019 10:05:01		-122.360	37.717	2088713.744	6023763.518		2137.879	RS-700	-0.06365471698
7899	9/12/2019 10:05:02		-122.360	37.717	2088712.587	6023764.884		2082.959	RS-700	-0.40906025157
7900	9/12/2019 10:05:03		-122.360	37.717	2088711.468	6023766.221		2048.329	RS-700	-0.62686283019
7901	9/12/2019 10:05:04		-122.360	37.717	2088710.532	6023767.505		2091.548	RS-700	-0.35504710692
7902	9/12/2019 10:05:05		-122.360	37.717	2088709.519	6023768.989		2015.729	RS-700	-0.83189163522
7903	9/12/2019 10:05:06		-122.360	37.717	2088708.358	6023770.644		2018.223	RS-700	-0.81620830189
7904	9/12/2019 10:05:07		-122.360	37.717	2088707.088	6023772.239		2104.555	RS-700	-0.27323679245
7905	9/12/2019 10:05:08		-122.360	37.717	2088706.004	6023773.635		2066.745	RS-700	-0.51103930818
7906	9/12/2019 10:05:09		-122.360	37.717	2088704.993	6023775.032		2033.250	RS-700	-0.72170006289
7907	9/12/2019 10:05:10		-122.360	37.717	2088703.941	6023776.660		2102.292	RS-700	-0.28747314465
7908	9/12/2019 10:05:11		-122.360	37.717	2088703.038	6023778.089		2076.549	RS-700	-0.44937660377
7909	9/12/2019 10:05:12		-122.360	37.717	2088702.063	6023779.516		2084.227	RS-700	-0.40108503145
7910	9/12/2019 10:05:13		-122.360	37.717	2088701.092	6023780.712		2052.747	RS-700	-0.59907270440
7911	9/12/2019 10:05:14		-122.360	37.717	2088700.900	6023781.229		2102.198	RS-700	-0.28806452830
7912	9/12/2019 10:05:15		-122.360	37.716	2088699.606	6023782.187		2035.735	RS-700	-0.70607169811
7913	9/12/2019 10:05:16		-122.360	37.716	2088698.387	6023783.059		2073.385	RS-700	-0.46927371069
7914	9/12/2019 10:05:17		-122.360	37.716	2088697.272	6023784.194		2037.835	RS-700	-0.69286062893
7915	9/12/2019 10:05:18		-122.360	37.716	2088695.610	6023785.348		2037.844	RS-700	-0.69280679245
7916	9/12/2019 10:05:19		-122.360	37.716	2088694.786	6023786.488		2167.001	RS-700	0.11950459120
7917	9/12/2019 10:05:20		-122.360	37.716	2088693.808	6023788.060		2216.688	RS-700	0.43199968554
7918	9/12/2019 10:05:21		-122.360	37.716	2088693.447	6023789.731		2180.221	RS-700	0.20264591195
7919	9/12/2019 10:05:22		-122.360	37.716	2088690.631	6023792.134		2239.371	RS-700	0.57465754717
7920	9/12/2019 10:05:23		-122.360	37.716	2088689.694	6023793.504		2158.456	RS-700	-0.11009876833
7921	9/12/2019 10:05:24		-122.360	37.716	2088688.645	6023794.988		2148.422	RS-700	-0.13952501466
7922	9/12/2019 10:05:25		-122.360	37.716	2088687.557	6023796.557		2072.648	RS-700	-0.36173730205
7923	9/12/2019 10:05:26		-122.360	37.716	2088686.507	6023798.099		2117.657	RS-700	-0.22974375367
7924	9/12/2019 10:05:27		-122.360	37.716	2088685.682	6023799.297		2197.902	RS-700	0.00557791789
7925	9/12/2019 10:05:28		-122.360	37.716	2088685.814	6023799.994		2356.735	RS-700	0.47136369502
7926	9/12/2019 10:05:29		-122.360	37.716	2088685.136	6023801.109		2458.383	RS-700	0.76945108504
7927	9/12/2019 10:05:30		-122.360	37.716	2088684.238	6023802.306		2177.892	RS-700	-0.05310237537
7928	9/12/2019 10:05:31		-122.360	37.716	2088683.525	6023803.392		1863.080	RS-700	-0.97630636364
7929	9/12/2019 10:05:32		-122.360	37.716	2088682.658	6023804.821		1567.483	RS-700	-1.84315912023

Gamma Scan Survey Results
Survey Unit 4 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
7930	9/12/2019 10:05:33		-122.360	37.716	2088681.947	6023805.790		1651.261	RS-700	-1.59747536657
7931	9/12/2019 10:05:34		-122.360	37.716	2088681.193	6023807.077		1954.413	RS-700	-0.70846524927
7932	9/12/2019 10:05:35		-122.360	37.716	2088680.894	6023807.476		1996.130	RS-700	-0.58613043988
7933	9/12/2019 10:05:36		-122.360	37.716	2088680.258	6023808.303		2241.919	RS-700	0.13466099707
7934	9/12/2019 10:05:37		-122.360	37.716	2088679.433	6023809.501		2383.201	RS-700	0.54897659824
7935	9/12/2019 10:05:38		-122.360	37.716	2088678.458	6023810.957		2329.709	RS-700	1.14282654088
7936	9/12/2019 10:05:39		-122.360	37.716	2088677.294	6023812.699		2061.534	RS-700	-0.54381018868
7937	9/12/2019 10:05:40		-122.360	37.716	2088676.471	6023813.811		2147.005	RS-700	-0.00625974843
7938	9/12/2019 10:05:41		-122.360	37.716	2088676.281	6023814.183		2130.984	RS-700	-0.10701641509
7939	9/12/2019 10:05:42		-122.360	37.716	2088676.281	6023814.212		2111.761	RS-700	-0.22792012579
7940	9/12/2019 10:05:43		-122.360	37.716	2088676.281	6023814.212		2147.882	RS-700	-0.00073987421
7941	9/12/2019 10:05:44		-122.360	37.716	2088676.281	6023814.212		2128.874	RS-700	-0.12029245283
7942	9/12/2019 10:05:45		-122.360	37.716	2088676.281	6023814.212		2129.875	RS-700	-0.11399679245
7943	9/12/2019 10:05:46		-122.360	37.716	2088676.281	6023814.212		2125.879	RS-700	-0.13912679245
7944	9/12/2019 10:05:47		-122.360	37.716	2088676.280	6023814.241		2074.541	RS-700	-0.46200503145
7945	9/12/2019 10:05:48		-122.360	37.716	2088676.280	6023814.241		2081.858	RS-700	-0.41598867925
7946	9/12/2019 10:05:49		-122.360	37.716	2088676.280	6023814.241		2102.864	RS-700	-0.28387232704
7947	9/12/2019 10:05:50		-122.360	37.716	2088676.280	6023814.241		2129.662	RS-700	-0.11533547170
7948	9/12/2019 10:05:51		-122.360	37.716	2088676.244	6023814.240		2077.530	RS-700	-0.44320540881
7949	9/12/2019 10:05:52		-122.360	37.716	2088676.280	6023814.241		2102.546	RS-700	-0.28587654088
7950	9/12/2019 10:05:53		-122.360	37.716	2088676.280	6023814.241		2044.147	RS-700	-0.65316358491
7951	9/12/2019 10:05:54		-122.360	37.716	2088676.243	6023814.269		2084.649	RS-700	-0.39843213837
7952	9/12/2019 10:05:55		-122.360	37.716	2088676.169	6023814.326		2131.410	RS-700	-0.10433811321
7953	9/12/2019 10:05:56		-122.360	37.716	2088676.059	6023814.381		2054.737	RS-700	-0.58656018868
7954	9/12/2019 10:05:57		-122.360	37.716	2088675.985	6023814.438		2083.435	RS-700	-0.40606610063
7955	9/12/2019 10:05:58		-122.360	37.716	2088675.911	6023814.494		2116.868	RS-700	-0.19579830189
7956	9/12/2019 10:05:59		-122.360	37.716	2088675.837	6023814.551		2125.302	RS-700	-0.14275635220
7957	9/12/2019 10:06:00		-122.360	37.716	2088675.763	6023814.578		2070.853	RS-700	-0.48519911950
7958	9/12/2019 10:06:01		-122.360	37.716	2088675.763	6023814.578		1969.108	RS-700	-1.12510459119
7959	9/12/2019 10:06:02		-122.360	37.716	2088675.764	6023814.549		2055.941	RS-700	-0.57898528302
7960	9/12/2019 10:06:03		-122.360	37.716	2088675.801	6023814.521		2043.536	RS-700	-0.65700547170
7961	9/12/2019 10:06:04		-122.360	37.716	2088675.837	6023814.522		2128.874	RS-700	-0.12029125786
7962	9/12/2019 10:06:05		-122.360	37.716	2088675.874	6023814.494		2104.973	RS-700	-0.27060698113
7963	9/12/2019 10:06:06		-122.360	37.716	2088675.838	6023814.493		2119.973	RS-700	-0.17627201258
7964	9/12/2019 10:06:07		-122.360	37.716	2088675.838	6023814.493		2152.559	RS-700	0.02867389937
7965	9/12/2019 10:06:08		-122.360	37.716	2088675.874	6023814.494		2047.837	RS-700	-0.62995490566
7966	9/12/2019 10:06:09		-122.360	37.716	2088675.874	6023814.494		2133.339	RS-700	-0.09220610063
7967	9/12/2019 10:06:10		-122.360	37.716	2088675.874	6023814.494		2058.152	RS-700	-0.56508283019
7968	9/12/2019 10:06:11		-122.360	37.716	2088675.874	6023814.494		2052.048	RS-700	-0.60347314465
7969	9/12/2019 10:06:12		-122.360	37.716	2088675.874	6023814.494		2101.439	RS-700	-0.29283886793
7970	9/12/2019 10:06:13		-122.360	37.716	2088675.838	6023814.493		2077.542	RS-700	-0.44313163522
7971	9/12/2019 10:06:14		-122.360	37.716	2088675.837	6023814.522		2101.184	RS-700	-0.29444188679
7972	9/12/2019 10:06:15		-122.360	37.716	2088675.801	6023814.521		2093.075	RS-700	-0.34544157233
7973	9/12/2019 10:06:16		-122.360	37.716	2088675.801	6023814.521		2174.570	RS-700	0.16710867925
7974	9/12/2019 10:06:17		-122.360	37.716	2088675.801	6023814.521		2068.056	RS-700	-0.50279503145
7975	9/12/2019 10:06:18		-122.360	37.716	2088675.801	6023814.521		2117.658	RS-700	-0.19082974843
7976	9/12/2019 10:06:19		-122.360	37.716	2088675.764	6023814.549		2134.671	RS-700	-0.08383276730
7977	9/12/2019 10:06:20		-122.360	37.716	2088675.765	6023814.520		2124.874	RS-700	-0.14544691824
7978	9/12/2019 10:06:21		-122.360	37.716	2088675.728	6023814.548		2167.895	RS-700	0.12512830189
7979	9/12/2019 10:06:22		-122.360	37.716	2088675.615	6023814.720		2188.573	RS-700	0.25517396226
7980	9/12/2019 10:06:23		-122.360	37.716	2088675.090	6023815.462		2076.644	RS-700	-0.44877811321
7981	9/12/2019 10:06:24		-122.360	37.716	2088674.047	6023816.627		2026.731	RS-700	-0.76270106918
7982	9/12/2019 10:06:25		-122.360	37.716	2088672.929	6023817.907		2105.868	RS-700	-0.26498339623
7983	9/12/2019 10:06:26		-122.360	37.716	2088671.590	6023819.327		2091.862	RS-700	-0.35307088050
7984	9/12/2019 10:06:27		-122.360	37.716	2088670.252	6023820.689		2130.775	RS-700	-0.10833415094
7985	9/12/2019 10:06:28		-122.360	37.716	2088668.877	6023822.079		2145.992	RS-700	-0.01263119497
7986	9/12/2019 10:06:29		-122.360	37.716	2088667.684	6023823.444		2071.951	RS-700	-0.47829610063
7987	9/12/2019 10:06:30		-122.360	37.716	2088666.680	6023824.494		2048.844	RS-700	-0.62362477987
7988	9/12/2019 10:06:31		-122.360	37.716	2088665.384	6023825.597		2033.140	RS-700	-0.72239213837
7989	9/12/2019 10:06:32		-122.360	37.716	2088664.118	6023826.989		1981.008	RS-700	-1.05026106918
7990	9/12/2019 10:06:33		-122.360	37.716	2088662.554	6023828.694		2014.205	RS-700	-0.84147949686

Gamma Scan Survey Results
Survey Unit 4 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
7991	9/12/2019 10:06:34		-122.360	37.716	2088661.028	6023830.342		1870.666	RS-700	-1.74423830189
7992	9/12/2019 10:06:35		-122.360	37.716	2088659.576	6023831.962		1969.922	RS-700	-1.11998691824
7993	9/12/2019 10:06:36		-122.360	37.716	2088658.340	6023833.673		1984.514	RS-700	-1.02821358491
7994	9/12/2019 10:06:37		-122.360	37.716	2088657.027	6023835.586		2073.842	RS-700	-0.46640069182
7995	9/12/2019 10:06:38		-122.360	37.716	2088655.787	6023837.528		2034.414	RS-700	-0.71437471698
7996	9/12/2019 10:06:39		-122.360	37.716	2088654.619	6023839.472		1977.517	RS-700	-1.07222314465
7997	9/12/2019 10:06:40		-122.360	37.716	2088653.490	6023841.301		2072.058	RS-700	-0.47762471698
7998	9/12/2019 10:06:41		-122.359	37.716	2088652.103	6023843.299		2113.658	RS-700	-0.21598540881
7999	9/12/2019 10:06:42		-122.359	37.716	2088650.535	6023845.235		2053.743	RS-700	-0.59281094340
8000	9/12/2019 10:06:43		-122.359	37.716	2088649.009	6023846.912		1997.420	RS-700	-0.94704176101
8001	9/12/2019 10:06:44		-122.359	37.716	2088647.924	6023848.337		2041.038	RS-700	-0.67271836478
8002	9/12/2019 10:06:45		-122.359	37.716	2088646.950	6023849.706		2102.760	RS-700	-0.28452597484
8003	9/12/2019 10:06:46		-122.359	37.716	2088646.279	6023850.503		2031.526	RS-700	-0.73254056604
8004	9/12/2019 10:06:47		-122.359	37.716	2088647.020	6023849.823		2038.548	RS-700	-0.68837484277
8005	9/12/2019 10:06:48		-122.359	37.716	2088648.032	6023848.426		2019.530	RS-700	-0.80798628931
8006	9/12/2019 10:06:49		-122.359	37.716	2088648.288	6023846.492		2108.341	RS-700	-0.24942911950
8007	9/12/2019 10:06:50		-122.359	37.716	2088647.703	6023844.803		2048.841	RS-700	-0.62364345912
8008	9/12/2019 10:06:51		-122.359	37.716	2088646.998	6023843.631		2081.544	RS-700	-0.41796484277
8009	9/12/2019 10:06:52		-122.359	37.716	2088646.837	6023842.558		2018.220	RS-700	-0.81622415094
8010	9/12/2019 10:06:53		-122.360	37.716	2088646.930	6023841.547		2037.554	RS-700	-0.69462968554
8011	9/12/2019 10:06:54		-122.360	37.716	2088647.132	6023840.567		1981.608	RS-700	-1.04648773585
8012	9/12/2019 10:06:55		-122.360	37.716	2088647.475	6023839.764		2109.394	RS-700	-0.24280704403
8013	9/12/2019 10:06:56		-122.360	37.716	2088647.854	6023839.020		2064.951	RS-700	-0.52232044025
8014	9/12/2019 10:06:57		-122.360	37.716	2088648.451	6023838.308		2072.266	RS-700	-0.47631459120
8015	9/12/2019 10:06:58		-122.360	37.716	2088649.198	6023837.368		1966.710	RS-700	-1.14019062893
8016	9/12/2019 10:06:59		-122.360	37.716	2088650.093	6023836.316		2045.427	RS-700	-0.64511132076
8017	9/12/2019 10:07:00		-122.360	37.716	2088650.952	6023835.262		1998.724	RS-700	-0.93884044025
8018	9/12/2019 10:07:01		-122.360	37.716	2088651.733	6023834.410		1947.080	RS-700	-1.26365094340
8019	9/12/2019 10:07:02		-122.360	37.716	2088652.144	6023833.897		1962.808	RS-700	-1.16473176101
8020	9/12/2019 10:07:03		-122.360	37.716	2088652.183	6023833.782		2051.124	RS-700	-0.60928201258
8021	9/12/2019 10:07:04		-122.360	37.716	2088652.183	6023833.782		1958.098	RS-700	-1.19435339623
8022	9/12/2019 10:07:05		-122.360	37.716	2088652.219	6023833.783		2011.622	RS-700	-0.85772182390
8023	9/12/2019 10:07:06		-122.360	37.716	2088652.183	6023833.782		2026.322	RS-700	-0.76527006289
8024	9/12/2019 10:07:07		-122.360	37.716	2088652.183	6023833.782		2106.338	RS-700	-0.26202578616
8025	9/12/2019 10:07:08		-122.360	37.716	2088652.183	6023833.782		2071.850	RS-700	-0.47892905660
8026	9/12/2019 10:07:09		-122.360	37.716	2088652.183	6023833.782		2030.943	RS-700	-0.73620761006
8027	9/12/2019 10:07:10		-122.360	37.716	2088652.146	6023833.811		1991.710	RS-700	-0.98295641509
8028	9/12/2019 10:07:11		-122.360	37.716	2088652.146	6023833.811		2062.629	RS-700	-0.53692264151
8029	9/12/2019 10:07:12		-122.360	37.716	2088652.145	6023833.839		1979.203	RS-700	-1.06161748428
8030	9/12/2019 10:07:13		-122.360	37.716	2088652.108	6023833.868		1989.419	RS-700	-0.99736408805
8031	9/12/2019 10:07:14		-122.360	37.716	2088652.145	6023833.839		1927.401	RS-700	-1.38741578616
8032	9/12/2019 10:07:15		-122.360	37.716	2088652.369	6023833.584		2017.535	RS-700	-0.82053333333
8033	9/12/2019 10:07:16		-122.360	37.716	2088653.080	6023832.643		1944.097	RS-700	-1.28240610063
8034	9/12/2019 10:07:17		-122.360	37.716	2088654.089	6023831.332		1963.611	RS-700	-1.15967811321
8035	9/12/2019 10:07:18		-122.360	37.716	2088655.288	6023829.649		1977.107	RS-700	-1.07479704403
8036	9/12/2019 10:07:19		-122.360	37.716	2088656.601	6023827.737		1989.732	RS-700	-0.99539484277
8037	9/12/2019 10:07:20		-122.360	37.716	2088658.022	6023825.827		2110.550	RS-700	-0.23553742138
8038	9/12/2019 10:07:21		-122.360	37.716	2088659.554	6023823.890		2048.534	RS-700	-0.62556968554
8039	9/12/2019 10:07:22		-122.360	37.716	2088661.046	6023822.097		2036.633	RS-700	-0.70042251572
8040	9/12/2019 10:07:23		-122.360	37.716	2088662.502	6023820.332		1975.811	RS-700	-1.08294918239
8041	9/12/2019 10:07:24		-122.360	37.716	2088663.811	6023818.593		2002.816	RS-700	-0.91310591195
8042	9/12/2019 10:07:25		-122.360	37.716	2088665.304	6023816.800		1990.321	RS-700	-0.99169371069
8043	9/12/2019 10:07:26		-122.360	37.716	2088666.834	6023814.921		2006.123	RS-700	-0.89230742138
8044	9/12/2019 10:07:27		-122.360	37.716	2088668.185	6023812.923		1993.012	RS-700	-0.97476540881
8045	9/12/2019 10:07:28		-122.360	37.716	2088669.570	6023811.041		2081.441	RS-700	-0.41860861635
8046	9/12/2019 10:07:29		-122.360	37.716	2088670.730	6023809.444		2291.711	RS-700	0.90384194969
8047	9/12/2019 10:07:30		-122.360	37.716	2088671.588	6023808.449		2256.474	RS-700	0.68222591195
8048	9/12/2019 10:07:31		-122.360	37.716	2088671.439	6023808.619		2129.546	RS-700	-0.11606402516
8049	9/12/2019 10:07:32		-122.360	37.716	2088671.289	6023808.819		2191.792	RS-700	0.27542389937
8050	9/12/2019 10:07:33		-122.360	37.716	2088671.290	6023808.790		2238.058	RS-700	0.56640000000
8051	9/12/2019 10:07:34		-122.360	37.716	2088671.289	6023808.819		2152.105	RS-700	0.02582025157

Gamma Scan Survey Results
Survey Unit 4 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
8052	9/12/2019 10:07:35		-122.360	37.716	2088671.326	6023808.819		2246.036	RS-700	0.61657691824
8053	9/12/2019 10:07:36		-122.360	37.716	2088671.326	6023808.819		2177.548	RS-700	0.18583534591
8054	9/12/2019 10:07:37		-122.360	37.716	2088671.326	6023808.819		2254.365	RS-700	0.66896113208
8055	9/12/2019 10:07:38		-122.360	37.716	2088671.289	6023808.819		2241.021	RS-700	0.58503610063
8056	9/12/2019 10:07:39		-122.360	37.716	2088671.289	6023808.819		2282.606	RS-700	0.84657748428
8057	9/12/2019 10:07:40		-122.360	37.716	2088671.326	6023808.819		2191.898	RS-700	0.27608773585
8058	9/12/2019 10:07:41		-122.360	37.716	2088671.289	6023808.819		2218.801	RS-700	0.44529088050
8059	9/12/2019 10:07:42		-122.360	37.716	2088671.289	6023808.848		2320.727	RS-700	1.08633031447
8060	9/12/2019 10:07:43		-122.360	37.716	2088671.289	6023808.819		2291.181	RS-700	0.90050949686
8061	9/12/2019 10:07:44		-122.360	37.716	2088671.289	6023808.848		2212.686	RS-700	0.40683194969
8062	9/12/2019 10:07:45		-122.360	37.716	2088671.289	6023808.848		2266.806	RS-700	0.74720635220
8063	9/12/2019 10:07:46		-122.360	37.716	2088671.326	6023808.819		2239.695	RS-700	0.57669742138
8064	9/12/2019 10:07:47		-122.360	37.716	2088671.325	6023808.848		2227.925	RS-700	0.50267490566
8065	9/12/2019 10:07:48		-122.360	37.716	2088671.326	6023808.819		2311.719	RS-700	1.02967905660
8066	9/12/2019 10:07:49		-122.360	37.716	2088671.361	6023808.849		2248.154	RS-700	0.62989729560
8067	9/12/2019 10:07:50		-122.360	37.716	2088671.175	6023809.048		2192.913	RS-700	0.28246974843
8068	9/12/2019 10:07:51		-122.360	37.716	2088671.138	6023809.105		2335.076	RS-700	1.17657943396
8069	9/12/2019 10:07:52		-122.360	37.716	2088671.699	6023808.335		2261.816	RS-700	0.71582132076
8070	9/12/2019 10:07:53		-122.360	37.716	2088671.774	6023808.221		2326.185	RS-700	1.12066150943
8071	9/12/2019 10:07:54		-122.360	37.716	2088671.475	6023808.620		2371.202	RS-700	1.40378566038
8072	9/12/2019 10:07:55		-122.360	37.716	2088671.999	6023807.907		2382.963	RS-700	1.47775176101
8073	9/12/2019 10:07:56		-122.360	37.716	2088672.935	6023806.624		2427.760	RS-700	1.75949597484
8074	9/12/2019 10:07:57		-122.360	37.716	2088673.945	6023805.313		1967.706	RS-700	-0.66948249267
8075	9/12/2019 10:07:58		-122.360	37.716	2088675.218	6023803.545		1617.663	RS-700	-1.69600193548
8076	9/12/2019 10:07:59		-122.360	37.716	2088676.753	6023801.463		1961.221	RS-700	-0.68850055719
8077	9/12/2019 10:08:00		-122.360	37.716	2088678.504	6023799.444		2475.400	RS-700	0.81935557185
8078	9/12/2019 10:08:01		-122.360	37.716	2088680.229	6023796.961		2292.481	RS-700	0.28293621701
8079	9/12/2019 10:08:02		-122.360	37.716	2088681.950	6023794.681		2131.764	RS-700	-0.18837480938
8080	9/12/2019 10:08:03		-122.360	37.716	2088683.706	6023792.430		2132.084	RS-700	-0.18743554252
8081	9/12/2019 10:08:04		-122.360	37.716	2088686.651	6023788.988		2171.899	RS-700	0.15030729560
8082	9/12/2019 10:08:05		-122.360	37.716	2088688.815	6023786.399		2081.961	RS-700	-0.41534182390
8083	9/12/2019 10:08:06		-122.360	37.716	2088691.044	6023784.186		2075.538	RS-700	-0.45573377359
8084	9/12/2019 10:08:07		-122.360	37.716	2088693.126	6023782.058		2086.640	RS-700	-0.38591345912
8085	9/12/2019 10:08:08		-122.360	37.716	2088694.991	6023779.867		2020.424	RS-700	-0.80236289308
8086	9/12/2019 10:08:09		-122.360	37.716	2088696.854	6023777.706		2117.657	RS-700	-0.19083723270
8087	9/12/2019 10:08:10		-122.360	37.716	2088698.013	6023776.224		2148.562	RS-700	0.00353396226
8088	9/12/2019 10:08:11		-122.360	37.717	2088700.834	6023773.532		1975.082	RS-700	-1.08753509434
8089	9/12/2019 10:08:12		-122.360	37.717	2088701.815	6023771.845		2013.423	RS-700	-0.84639792453
8090	9/12/2019 10:08:13		-122.360	37.717	2088703.614	6023769.277		2008.615	RS-700	-0.87663616352
8091	9/12/2019 10:08:14		-122.360	37.717	2088705.776	6023766.774		2051.039	RS-700	-0.60981685535
8092	9/12/2019 10:08:15		-122.360	37.717	2088707.685	6023764.150		1981.321	RS-700	-1.04829465409
8093	9/12/2019 10:08:16		-122.360	37.717	2088709.450	6023761.466		2000.227	RS-700	-0.92939157233
8094	9/12/2019 10:08:17		-122.360	37.717	2088711.321	6023758.957		1978.811	RS-700	-1.06407886792
8095	9/12/2019 10:08:18		-122.360	37.717	2088713.045	6023756.532		1846.584	RS-700	-1.89569698113
8096	9/12/2019 10:08:19		-122.360	37.717	2088714.651	6023754.510		1961.709	RS-700	-1.17164113208
8097	9/12/2019 10:08:20		-122.360	37.717	2088716.109	6023752.600		1902.500	RS-700	-1.54402748428
8098	9/12/2019 10:08:21		-122.360	37.717	2088717.456	6023750.805		1985.221	RS-700	-1.02376603774
8099	9/12/2019 10:08:22		-122.360	37.717	2088718.989	6023748.781		2013.927	RS-700	-0.84322672956
8100	9/12/2019 10:08:23		-122.360	37.717	2088721.337	6023746.108		1917.693	RS-700	-1.44847314465
8101	9/12/2019 10:08:24		-122.360	37.717	2088722.902	6023744.317		1952.095	RS-700	-1.23210930818
8102	9/12/2019 10:08:25		-122.360	37.717	2088723.620	6023743.000		2026.833	RS-700	-0.76205503145
8103	9/12/2019 10:08:26		-122.360	37.717	2088725.117	6023741.005		2084.654	RS-700	-0.39839993711
8104	9/12/2019 10:08:27		-122.360	37.717	2088727.535	6023738.420		1960.214	RS-700	-1.18104138365
8105	9/12/2019 10:08:28		-122.360	37.717	2088729.212	6023736.515		1924.790	RS-700	-1.40383572327
8106	9/12/2019 10:08:29		-122.360	37.717	2088730.887	6023734.697		1972.517	RS-700	-1.10366672956
8107	9/12/2019 10:08:30		-122.360	37.717	2088732.562	6023732.879		1972.008	RS-700	-1.10686704403
8108	9/12/2019 10:08:31		-122.360	37.717	2088734.095	6023730.884		2019.729	RS-700	-0.80673610063
8109	9/12/2019 10:08:32		-122.360	37.717	2088735.413	6023728.682		1999.825	RS-700	-0.93191578616
8110	9/12/2019 10:08:33		-122.360	37.717	2088736.802	6023726.627		2074.169	RS-700	-0.46434679245
8111	9/12/2019 10:08:34		-122.360	37.717	2088738.264	6023724.515		2104.442	RS-700	-0.27394949686
8112	9/12/2019 10:08:35		-122.360	37.717	2088739.800	6023722.376		2048.531	RS-700	-0.62559339623

Gamma Scan Survey Results
Survey Unit 4 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
8113	9/12/2019 10:08:36		-122.360	37.717	2088741.483	6023720.153		1982.815	RS-700	-1.03889729560
8114	9/12/2019 10:08:37		-122.360	37.717	2088743.201	6023717.959		1892.491	RS-700	-1.60697496855
8115	9/12/2019 10:08:38		-122.360	37.717	2088744.956	6023715.796		1952.704	RS-700	-1.22827698113
8116	9/12/2019 10:08:39		-122.360	37.717	2088746.854	6023713.750		2158.781	RS-700	0.06780452830
8117	9/12/2019 10:08:40		-122.360	37.717	2088748.791	6023711.590		1945.989	RS-700	-1.27050886792
8118	9/12/2019 10:08:41		-122.360	37.717	2088750.441	6023709.193		1641.622	RS-700	-3.18477012579
8119	9/12/2019 10:08:42		-122.360	37.717	2088752.057	6023706.679		1472.244	RS-700	-4.25003572327
8120	9/12/2019 10:08:43		-122.360	37.717	2088752.781	6023705.073		1473.308	RS-700	-4.24334528302
8121	9/12/2019 10:08:44		-122.360	37.717	2088754.616	6023702.535		1907.295	RS-700	-1.51386867925
8122	9/12/2019 10:08:45		-122.360	37.717	2088755.977	6023700.016		2090.859	RS-700	-0.35937477987
8123	9/12/2019 10:08:46		-122.360	37.717	2088758.403	6023697.055		1995.914	RS-700	-0.95651716981
8124	9/12/2019 10:08:47		-122.360	37.717	2088759.089	6023695.536		2019.026	RS-700	-0.81115452830
8125	9/12/2019 10:08:48		-122.360	37.717	2088761.727	6023692.898		1956.411	RS-700	-1.20496383648
8126	9/12/2019 10:08:49		-122.360	37.717	2088762.665	6023691.528		1991.535	RS-700	-0.98405805031
8127	9/12/2019 10:08:50		-122.360	37.717	2088764.047	6023689.761		1882.496	RS-700	-1.66983779874
8128	9/12/2019 10:08:51		-122.360	37.717	2088765.361	6023687.820		2010.122	RS-700	-0.86715918239
8129	9/12/2019 10:08:52		-122.360	37.717	2088766.496	6023685.644		1936.281	RS-700	-1.33156792453
8130	9/12/2019 10:08:53		-122.360	37.717	2088768.441	6023683.079		1920.887	RS-700	-1.42838496855
8131	9/12/2019 10:08:54		-122.360	37.717	2088769.607	6023681.251		1998.937	RS-700	-0.93750540881
8132	9/12/2019 10:08:55		-122.360	37.717	2088769.739	6023680.096		1974.516	RS-700	-1.09109238994
8133	9/12/2019 10:08:56		-122.360	37.717	2088771.375	6023678.393		1925.693	RS-700	-1.39815471698
8134	9/12/2019 10:08:57		-122.360	37.717	2088772.130	6023677.077		1980.321	RS-700	-1.05458440252
8135	9/12/2019 10:08:58		-122.360	37.717	2088773.585	6023675.312		1953.410	RS-700	-1.22383672956
8136	9/12/2019 10:08:59		-122.360	37.717	2088775.083	6023673.259		1895.979	RS-700	-1.58503704403
8137	9/12/2019 10:09:00		-122.360	37.717	2088776.585	6023670.974		1970.809	RS-700	-1.11441069182
8138	9/12/2019 10:09:01		-122.360	37.717	2088778.486	6023668.756		2027.340	RS-700	-0.75886748428
8139	9/12/2019 10:09:02		-122.360	37.717	2088780.277	6023666.592		2005.121	RS-700	-0.89861132076
8140	9/12/2019 10:09:03		-122.360	37.717	2088781.890	6023664.252		2021.358	RS-700	-0.79649113208
8141	9/12/2019 10:09:04		-122.360	37.717	2088783.610	6023662.001		1971.208	RS-700	-1.11189867925
8142	9/12/2019 10:09:05		-122.360	37.717	2088785.148	6023659.746		1926.698	RS-700	-1.39183371069
8143	9/12/2019 10:09:06		-122.360	37.717	2088786.795	6023657.522		2050.950	RS-700	-0.61037899371
8144	9/12/2019 10:09:07		-122.360	37.717	2088788.656	6023655.476		2053.950	RS-700	-0.59150886793
8145	9/12/2019 10:09:08		-122.360	37.717	2088790.483	6023653.343		1992.713	RS-700	-0.97664748428
8146	9/12/2019 10:09:09		-122.360	37.717	2088792.564	6023651.272		2076.961	RS-700	-0.44678610063
8147	9/12/2019 10:09:10		-122.360	37.717	2088794.607	6023649.259		2181.790	RS-700	0.21251465409
8148	9/12/2019 10:09:11		-122.360	37.717	2088796.615	6023647.187		2070.331	RS-700	-0.48848213837
8149	9/12/2019 10:09:12		-122.360	37.717	2088798.512	6023645.170		2094.865	RS-700	-0.33418025157
8150	9/12/2019 10:09:13		-122.360	37.717	2088800.050	6023642.915		1944.711	RS-700	-1.27854798742
8151	9/12/2019 10:09:14		-122.360	37.717	2088801.626	6023640.574		1956.617	RS-700	-1.20366452830
8152	9/12/2019 10:09:15		-122.360	37.717	2088803.242	6023638.090		1940.986	RS-700	-1.30197647799
8153	9/12/2019 10:09:16		-122.360	37.717	2088804.964	6023635.723		1910.595	RS-700	-1.49311144654
8154	9/12/2019 10:09:17		-122.360	37.717	2088806.645	6023633.586		2033.244	RS-700	-0.72173761006
8155	9/12/2019 10:09:18		-122.360	37.717	2088808.176	6023631.707		1946.992	RS-700	-1.26419968553
8156	9/12/2019 10:09:19		-122.360	37.717	2088809.818	6023629.715		2003.719	RS-700	-0.90742622642
8157	9/12/2019 10:09:20		-122.360	37.717	2088811.534	6023627.666		1969.616	RS-700	-1.12191427673
8158	9/12/2019 10:09:21		-122.360	37.717	2088813.250	6023625.588		1983.206	RS-700	-1.03644106918
8159	9/12/2019 10:09:22		-122.360	37.717	2088815.005	6023623.424		2077.742	RS-700	-0.44187402516
8160	9/12/2019 10:09:23		-122.360	37.717	2088816.611	6023621.402		2031.048	RS-700	-0.73554899371
8161	9/12/2019 10:09:24		-122.360	37.717	2088818.181	6023619.379		2018.614	RS-700	-0.81374716981
8162	9/12/2019 10:09:25		-122.360	37.717	2088819.751	6023617.356		2069.158	RS-700	-0.49586062893
8163	9/12/2019 10:09:26		-122.360	37.717	2088821.356	6023615.392		2021.524	RS-700	-0.79544559748
8164	9/12/2019 10:09:27		-122.360	37.717	2088823.036	6023613.342		1970.810	RS-700	-1.11440157233
8165	9/12/2019 10:09:28		-122.360	37.717	2088824.935	6023611.210		2019.924	RS-700	-0.80551119497
8166	9/12/2019 10:09:29		-122.360	37.717	2088826.471	6023609.071		2055.733	RS-700	-0.58029289308
8167	9/12/2019 10:09:30		-122.360	37.717	2088828.044	6023606.904		1950.605	RS-700	-1.24147987421
8168	9/12/2019 10:09:31		-122.360	37.717	2088829.691	6023604.651		1993.620	RS-700	-0.97094213837
8169	9/12/2019 10:09:32		-122.360	37.717	2088831.338	6023602.427		1995.819	RS-700	-0.95711018868
8170	9/12/2019 10:09:33		-122.360	37.717	2088832.838	6023600.258		1995.723	RS-700	-0.95771484277
8171	9/12/2019 10:09:34		-122.360	37.717	2088834.486	6023597.948		2009.119	RS-700	-0.87346528302
8172	9/12/2019 10:09:35		-122.360	37.717	2088836.167	6023595.811		2074.953	RS-700	-0.45941440252
8173	9/12/2019 10:09:36		-122.360	37.717	2088838.029	6023593.736		2037.837	RS-700	-0.69285207547

Gamma Scan Survey Results
Survey Unit 4 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
8174	9/12/2019 10:09:37		-122.360	37.717	2088839.857	6023591.574		2009.723	RS-700	-0.86966867925
8175	9/12/2019 10:09:38		-122.360	37.717	2088841.502	6023589.408		2080.208	RS-700	-0.42636433962
8176	9/12/2019 10:09:39		-122.360	37.717	2088843.368	6023587.188		2082.061	RS-700	-0.41471352201
8177	9/12/2019 10:09:40		-122.360	37.717	2088845.233	6023584.940		2073.951	RS-700	-0.46571622642
8178	9/12/2019 10:09:41		-122.360	37.717	2088847.062	6023582.691		2126.557	RS-700	-0.13486295598
8179	9/12/2019 10:09:42		-122.360	37.717	2088848.892	6023580.413		2173.894	RS-700	0.16285679245
8180	9/12/2019 10:09:43		-122.360	37.717	2088850.759	6023578.107		2120.659	RS-700	-0.17195584906
8181	9/12/2019 10:09:44		-122.360	37.717	2088852.555	6023575.712		2085.939	RS-700	-0.39031867925
8182	9/12/2019 10:09:45		-122.360	37.717	2088853.985	6023573.397		2162.535	RS-700	0.09141509434
8183	9/12/2019 10:09:46		-122.360	37.717	2088855.448	6023571.257		2101.338	RS-700	-0.29347018868
8184	9/12/2019 10:09:47		-122.360	37.717	2088856.983	6023569.146		2048.841	RS-700	-0.62364119497
8185	9/12/2019 10:09:48		-122.360	37.717	2088858.878	6023567.217		1857.921	RS-700	-1.82439584906
8186	9/12/2019 10:09:49		-122.360	37.717	2088860.700	6023565.372		1817.698	RS-700	-2.07737377358
8187	9/12/2019 10:09:50		-122.360	37.717	2088862.448	6023563.527		1789.090	RS-700	-2.25729666667
8188	9/12/2019 10:09:51		-122.360	37.717	2088863.833	6023561.645		1956.998	RS-700	-1.20127025157
8189	9/12/2019 10:09:52		-122.360	37.717	2088865.554	6023559.365		2100.545	RS-700	-0.29845830189
8190	9/12/2019 10:09:53		-122.361	37.717	2088866.574	6023557.475		2122.401	RS-700	-0.16099836478
8191	9/12/2019 10:09:54		-122.361	37.717	2088867.487	6023555.555		1995.615	RS-700	-0.95839597484
8192	9/12/2019 10:09:55		-122.361	37.717	2088868.578	6023553.812		2064.635	RS-700	-0.52431044025
8193	9/12/2019 10:09:56		-122.361	37.717	2088869.962	6023551.959		2039.729	RS-700	-0.68094716981
8194	9/12/2019 10:09:57		-122.361	37.717	2088871.569	6023549.879		2021.737	RS-700	-0.79410716981
8195	9/12/2019 10:09:58		-122.361	37.717	2088873.361	6023547.658		2022.339	RS-700	-0.79032207547
8196	9/12/2019 10:09:59		-122.361	37.717	2088875.154	6023545.437		2095.979	RS-700	-0.32717761006
8197	9/12/2019 10:10:00		-122.361	37.717	2088876.837	6023543.214		2091.732	RS-700	-0.35388773585
8198	9/12/2019 10:10:01		-122.361	37.717	2088878.301	6023541.016		1965.718	RS-700	-1.14642698113
8199	9/12/2019 10:10:02		-122.361	37.717	2088879.692	6023538.816		1997.120	RS-700	-0.94893088050
8200	9/12/2019 10:10:03		-122.361	37.717	2088881.082	6023536.703		2047.253	RS-700	-0.63363138365
8201	9/12/2019 10:10:04		-122.361	37.717	2088882.289	6023534.586		1964.000	RS-700	-1.15723062893
8202	9/12/2019 10:10:05		-122.361	37.717	2088883.086	6023532.981		1993.421	RS-700	-0.97219283019
8203	9/12/2019 10:10:06		-122.361	37.717	2088884.177	6023531.209		1982.609	RS-700	-1.04019584906
8204	9/12/2019 10:10:07		-122.361	37.717	2088885.448	6023529.586		2065.738	RS-700	-0.51736867925
8205	9/12/2019 10:10:08		-122.361	37.717	2088887.022	6023527.331		1980.807	RS-700	-1.05152622642
8206	9/12/2019 10:10:09		-122.361	37.717	2088888.193	6023525.214		1858.856	RS-700	-1.81851779874
8207	9/12/2019 10:10:10		-122.361	37.717	2088889.069	6023523.293		2061.745	RS-700	-0.54248289308
8208	9/12/2019 10:10:11		-122.361	37.717	2088889.677	6023522.032		2108.342	RS-700	-0.24942389937
8209	9/12/2019 10:10:12		-122.361	37.717	2088890.251	6023520.655		2113.762	RS-700	-0.21533238994
8210	9/12/2019 10:10:13		-122.361	37.717	2088891.378	6023518.884		2150.202	RS-700	0.01385106918
8211	9/12/2019 10:10:14		-122.361	37.717	2088892.544	6023517.055		2157.860	RS-700	0.06201238994
8212	9/12/2019 10:10:15		-122.361	37.717	2088893.747	6023515.141		2133.444	RS-700	-0.09154949686
8213	9/12/2019 10:10:16		-122.361	37.717	2088894.692	6023513.424		2178.005	RS-700	0.18870918239
8214	9/12/2019 10:10:17		-122.361	37.717	2088895.375	6023512.020		2223.694	RS-700	0.47606125786
8215	9/12/2019 10:10:18		-122.361	37.717	2088895.528	6023511.647		2220.810	RS-700	0.45792710692
8216	9/12/2019 10:10:19		-122.361	37.717	2088895.377	6023511.933		2216.808	RS-700	0.43275503145
8217	9/12/2019 10:10:20		-122.361	37.717	2088895.339	6023512.019		2155.991	RS-700	0.05025867925
8218	9/12/2019 10:10:21		-122.361	37.717	2088895.114	6023512.333		2116.870	RS-700	-0.19578754717
8219	9/12/2019 10:10:22		-122.361	37.717	2088894.139	6023513.760		2100.070	RS-700	-0.30144402516
8220	9/12/2019 10:10:23		-122.361	37.717	2088892.319	6023515.517		2096.051	RS-700	-0.32672515723
8221	9/12/2019 10:10:24		-122.361	37.717	2088889.708	6023516.825		2097.545	RS-700	-0.31732503145
8222	9/12/2019 10:10:25		-122.361	37.717	2088886.745	6023517.461		2137.339	RS-700	-0.06704842767
8223	9/12/2019 10:10:26		-122.361	37.717	2088883.862	6023517.779		2080.854	RS-700	-0.42230025157
8224	9/12/2019 10:10:27		-122.361	37.717	2088881.660	6023518.604		1843.222	RS-700	-1.91684345912
8225	9/12/2019 10:10:28		-122.361	37.717	2088880.367	6023519.533		1907.875	RS-700	-1.51022119497
8226	9/12/2019 10:10:29		-122.361	37.717	2088879.545	6023520.587		2047.940	RS-700	-0.62930666667
8227	9/12/2019 10:10:30		-122.361	37.717	2088879.137	6023520.955		2082.379	RS-700	-0.41271371069
8228	9/12/2019 10:10:31		-122.361	37.717	2088878.951	6023521.125		2034.527	RS-700	-0.71366949686
8229	9/12/2019 10:10:32		-122.361	37.717	2088879.509	6023520.557		1806.743	RS-700	-2.14627088050
8230	9/12/2019 10:10:33		-122.361	37.717	2088881.110	6023518.795		2035.148	RS-700	-0.70975880503
8231	9/12/2019 10:10:34		-122.361	37.717	2088882.049	6023517.338		2136.770	RS-700	-0.07062591195
8232	9/12/2019 10:10:35		-122.361	37.717	2088883.026	6023515.824		2172.451	RS-700	0.15377754717
8233	9/12/2019 10:10:36		-122.361	37.717	2088884.226	6023514.112		2163.104	RS-700	0.09499566038
8234	9/12/2019 10:10:37		-122.361	37.717	2088885.614	6023512.057		2124.342	RS-700	-0.14879270440

Gamma Scan Survey Results
Survey Unit 4 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
8235	9/12/2019 10:10:38		-122.361	37.717	2088887.222	6023509.948		2199.567	RS-700	0.32432044025
8236	9/12/2019 10:10:39		-122.361	37.717	2088888.976	6023507.842		2217.021	RS-700	0.43409578616
8237	9/12/2019 10:10:40		-122.361	37.717	2088890.364	6023505.787		2145.098	RS-700	-0.01825358491
8238	9/12/2019 10:10:41		-122.361	37.717	2088891.343	6023504.157		2192.792	RS-700	0.28171144654
8239	9/12/2019 10:10:42		-122.361	37.717	2088891.943	6023503.330		2274.737	RS-700	0.79708962264
8240	9/12/2019 10:10:43		-122.361	37.717	2088892.129	6023503.103		2174.676	RS-700	0.16777358491
8241	9/12/2019 10:10:44		-122.361	37.717	2088892.129	6023503.103		2159.764	RS-700	0.07398735849
8242	9/12/2019 10:10:45		-122.361	37.717	2088892.130	6023503.074		2209.718	RS-700	0.38816559748
8243	9/12/2019 10:10:46		-122.361	37.717	2088892.130	6023503.045		2182.681	RS-700	0.21812257862
8244	9/12/2019 10:10:47		-122.361	37.717	2088892.391	6023502.732		2145.208	RS-700	-0.01756062893
8245	9/12/2019 10:10:48		-122.361	37.717	2088892.953	6023501.962		2234.807	RS-700	0.54595660377
8246	9/12/2019 10:10:49		-122.361	37.717	2088893.923	6023500.795		2301.062	RS-700	0.96265566038
8247	9/12/2019 10:10:50		-122.361	37.717	2088895.153	6023499.373		2266.267	RS-700	0.74381886793
8248	9/12/2019 10:10:51		-122.361	37.717	2088896.497	6023497.750		2203.561	RS-700	0.34943830189
8249	9/12/2019 10:10:52		-122.361	37.717	2088897.700	6023495.865		2206.125	RS-700	0.36556515723
8250	9/12/2019 10:10:53		-122.361	37.717	2088899.117	6023494.157		2207.137	RS-700	0.37192930818
8251	9/12/2019 10:10:54		-122.361	37.717	2088900.685	6023492.250		2183.571	RS-700	0.22371874214
8252	9/12/2019 10:10:55		-122.361	37.717	2088902.251	6023490.401		2123.979	RS-700	-0.15107773585
8253	9/12/2019 10:10:56		-122.361	37.717	2088903.927	6023488.554		2145.306	RS-700	-0.01694622642
8254	9/12/2019 10:10:57		-122.361	37.717	2088905.531	6023486.618		2158.239	RS-700	0.06439710692
8255	9/12/2019 10:10:58		-122.361	37.717	2088907.061	6023484.797		2140.774	RS-700	-0.04544459120
8256	9/12/2019 10:10:59		-122.361	37.717	2088908.331	6023483.202		2066.953	RS-700	-0.50972943396
8257	9/12/2019 10:11:00		-122.361	37.717	2088909.526	6023481.693		2255.591	RS-700	0.67667358491
8258	9/12/2019 10:11:01		-122.361	37.717	2088910.763	6023479.924		2191.461	RS-700	0.27333968554
8259	9/12/2019 10:11:02		-122.361	37.717	2088912.038	6023478.069		2108.333	RS-700	-0.24948100629
8260	9/12/2019 10:11:03		-122.361	37.717	2088913.419	6023476.418		2217.907	RS-700	0.43966893082
8261	9/12/2019 10:11:04		-122.361	37.717	2088914.687	6023474.910		2205.346	RS-700	0.36066949686
8262	9/12/2019 10:11:05		-122.361	37.717	2088915.839	6023473.747		2272.160	RS-700	0.78087786164
8263	9/12/2019 10:11:06		-122.361	37.717	2088916.955	6023472.583		2227.568	RS-700	0.50042566038
8264	9/12/2019 10:11:07		-122.361	37.717	2088918.181	6023471.334		2260.475	RS-700	0.70738849057
8265	9/12/2019 10:11:08		-122.361	37.717	2088919.446	6023470.000		2170.674	RS-700	0.14260534591
8266	9/12/2019 10:11:09		-122.361	37.717	2088920.674	6023468.693		2199.116	RS-700	0.32148433962
8267	9/12/2019 10:11:10		-122.361	37.717	2088921.902	6023467.358		2207.913	RS-700	0.37681226415
8268	9/12/2019 10:11:11		-122.361	37.717	2088923.132	6023465.965		2139.084	RS-700	-0.05607257862
8269	9/12/2019 10:11:12		-122.361	37.717	2088924.364	6023464.456		2184.677	RS-700	0.23067075472
8270	9/12/2019 10:11:13		-122.361	37.717	2088925.708	6023462.805		2173.545	RS-700	0.16066163522
8271	9/12/2019 10:11:14		-122.361	37.717	2088927.124	6023461.184		2226.691	RS-700	0.49491025157
8272	9/12/2019 10:11:15		-122.361	37.717	2088928.540	6023459.563		2092.065	RS-700	-0.35179415094
8273	9/12/2019 10:11:16		-122.361	37.717	2088929.880	6023458.114		2172.672	RS-700	0.15516748428
8274	9/12/2019 10:11:17		-122.361	37.717	2088930.927	6023456.746		2208.017	RS-700	0.37746270440
8275	9/12/2019 10:11:18		-122.361	37.717	2088931.903	6023455.261		2114.335	RS-700	-0.21172773585
8276	9/12/2019 10:11:19		-122.361	37.717	2088932.992	6023453.634		2113.091	RS-700	-0.21955094340
8277	9/12/2019 10:11:20		-122.361	37.717	2088934.225	6023452.067		2060.947	RS-700	-0.54750163522
8278	9/12/2019 10:11:21		-122.361	37.717	2088935.274	6023450.584		2027.530	RS-700	-0.75767477987
8279	9/12/2019 10:11:22		-122.361	37.717	2088936.136	6023449.328		2051.639	RS-700	-0.60604459120
8280	9/12/2019 10:11:23		-122.361	37.717	2088936.886	6023448.244		2112.305	RS-700	-0.22449522013
8281	9/12/2019 10:11:24		-122.361	37.717	2088937.599	6023447.216		2222.578	RS-700	0.46904647799
8282	9/12/2019 10:11:25		-122.361	37.717	2088938.349	6023446.103		2171.458	RS-700	0.14753314465
8283	9/12/2019 10:11:26		-122.361	37.717	2088939.208	6023445.021		2107.761	RS-700	-0.25307389937
8284	9/12/2019 10:11:27		-122.361	37.717	2088940.215	6023443.855		2037.835	RS-700	-0.69285962264
8285	9/12/2019 10:11:28		-122.361	37.717	2088941.296	6023442.603		1993.017	RS-700	-0.97473779874
8286	9/12/2019 10:11:29		-122.361	37.717	2088942.415	6023441.295		2060.071	RS-700	-0.55301000000
8287	9/12/2019 10:11:30		-122.361	37.717	2088943.533	6023440.015		2142.662	RS-700	-0.03357308176
8288	9/12/2019 10:11:31		-122.361	37.717	2088944.466	6023438.876		2127.448	RS-700	-0.12926094340
8289	9/12/2019 10:11:32		-122.361	37.717	2088945.323	6023437.910		2225.804	RS-700	0.48933534591
8290	9/12/2019 10:11:33		-122.361	37.717	2088945.993	6023437.142		2168.456	RS-700	0.12865578616
8291	9/12/2019 10:11:34		-122.361	37.717	2088946.960	6023436.178		2140.664	RS-700	-0.04613534591
8292	9/12/2019 10:11:35		-122.361	37.717	2088948.151	6023434.870		2196.449	RS-700	0.30471182390
8293	9/12/2019 10:11:36		-122.361	37.717	2088949.456	6023433.334		2163.888	RS-700	0.09992729560
8294	9/12/2019 10:11:37		-122.361	37.717	2088950.800	6023431.683		2098.967	RS-700	-0.30838176101
8295	9/12/2019 10:11:38		-122.361	37.717	2088952.251	6023430.150		1544.471	RS-700	-3.79578194969

Gamma Scan Survey Results
Survey Unit 4 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
8296	9/12/2019 10:11:39		-122.361	37.717	2088953.519	6023428.641		1144.128	RS-700	-6.31366207547
8297	9/12/2019 10:11:40		-122.361	37.717	2088954.784	6023427.278		1487.533	RS-700	-4.15388207547
8298	9/12/2019 10:11:41		-122.361	37.717	2088956.052	6023425.799		2070.042	RS-700	-0.49030371069
8299	9/12/2019 10:11:42		-122.361	37.717	2088957.135	6023424.432		2075.736	RS-700	-0.45448786164
8300	9/12/2019 10:11:43		-122.361	37.717	2088958.182	6023423.064		2041.838	RS-700	-0.66768597484
8301	9/12/2019 10:11:44		-122.361	37.717	2088959.375	6023421.699		1440.375	RS-700	-4.45047471698
8302	9/12/2019 10:11:45		-122.361	37.717	2088960.347	6023420.416		898.233	RS-700	-7.86017169811
8303	9/12/2019 10:11:46		-122.361	37.717	2088961.505	6023418.993		830.229	RS-700	-8.28786767296
8304	9/12/2019 10:11:47		-122.361	37.717	2088962.517	6023417.538		1409.371	RS-700	-4.64546314465
8305	9/12/2019 10:11:48		-122.361	37.717	2088963.568	6023415.967		2068.957	RS-700	-0.49712628931
8306	9/12/2019 10:11:49		-122.361	37.717	2088964.473	6023414.394		2168.667	RS-700	0.12998088050
8307	9/12/2019 10:11:50		-122.361	37.717	2088965.453	6023412.736		2196.121	RS-700	0.30265044025
8308	9/12/2019 10:11:51		-122.361	37.717	2088966.286	6023411.132		2167.883	RS-700	0.12505301887
8309	9/12/2019 10:11:52		-122.361	37.717	2088967.009	6023409.584		2131.448	RS-700	-0.10410194969
8310	9/12/2019 10:11:53		-122.361	37.717	2088967.955	6023407.809		2032.844	RS-700	-0.72425352201
8311	9/12/2019 10:11:54		-122.361	37.717	2088968.609	6023406.029		2079.269	RS-700	-0.43226993711
8312	9/12/2019 10:11:55		-122.361	37.717	2088969.664	6023404.285		2068.544	RS-700	-0.49972201258
8313	9/12/2019 10:11:56		-122.361	37.717	2088970.821	6023402.861		2132.765	RS-700	-0.09581572327
8314	9/12/2019 10:11:57		-122.361	37.717	2088971.944	6023401.322		2063.642	RS-700	-0.53055647799
8315	9/12/2019 10:11:58		-122.361	37.717	2088973.102	6023399.869		2018.626	RS-700	-0.81367075472
8316	9/12/2019 10:11:59		-122.361	37.717	2088974.185	6023398.502		2179.895	RS-700	0.20059647799
8317	9/12/2019 10:12:00		-122.361	37.717	2088975.305	6023397.136		2029.532	RS-700	-0.74508421384
8318	9/12/2019 10:12:01		-122.361	37.717	2088976.279	6023395.795		2087.855	RS-700	-0.37826981132
8319	9/12/2019 10:12:02		-122.361	37.717	2088977.435	6023394.430		2190.449	RS-700	0.26697566038
8320	9/12/2019 10:12:03		-122.361	37.717	2088978.590	6023393.093		2129.983	RS-700	-0.11331534591
8321	9/12/2019 10:12:04		-122.361	37.717	2088979.749	6023391.583		2108.859	RS-700	-0.24616817610
8322	9/12/2019 10:12:05		-122.361	37.717	2088980.873	6023390.014		2146.666	RS-700	-0.00838880503
8323	9/12/2019 10:12:06		-122.361	37.717	2088982.108	6023388.360		2183.112	RS-700	0.22082855346
8324	9/12/2019 10:12:07		-122.361	37.717	2088983.453	6023386.651		2155.665	RS-700	0.04820635220
8325	9/12/2019 10:12:08		-122.361	37.717	2088984.725	6023384.941		2154.887	RS-700	0.04331220126
8326	9/12/2019 10:12:09		-122.361	37.717	2088985.996	6023383.317		2179.460	RS-700	0.19786050315
8327	9/12/2019 10:12:10		-122.361	37.717	2088987.227	6023381.837		2073.743	RS-700	-0.46702339623
8328	9/12/2019 10:12:11		-122.361	37.717	2088988.387	6023380.269		2203.572	RS-700	0.34950955975
8329	9/12/2019 10:12:12		-122.361	37.717	2088989.583	6023378.731		2136.411	RS-700	-0.07288855346
8330	9/12/2019 10:12:13		-122.361	37.717	2088990.853	6023377.136		2128.089	RS-700	-0.12522955975
8331	9/12/2019 10:12:14		-122.361	37.717	2088992.087	6023375.511		2136.892	RS-700	-0.06986446541
8332	9/12/2019 10:12:15		-122.361	37.717	2088993.432	6023373.802		2113.663	RS-700	-0.21595754717
8333	9/12/2019 10:12:16		-122.361	37.717	2088994.669	6023372.062		2087.547	RS-700	-0.38020503145
8334	9/12/2019 10:12:17		-122.361	37.717	2088995.865	6023370.495		2063.073	RS-700	-0.53413264151
8335	9/12/2019 10:12:18		-122.361	37.717	2088997.171	6023368.958		2096.072	RS-700	-0.32658855346
8336	9/12/2019 10:12:19		-122.361	37.717	2088998.512	6023367.423		2049.854	RS-700	-0.61727327044
8337	9/12/2019 10:12:20		-122.361	37.717	2088999.892	6023365.801		2162.995	RS-700	0.09430622642
8338	9/12/2019 10:12:21		-122.361	37.717	2089000.977	6023364.376		2088.331	RS-700	-0.37527918239
8339	9/12/2019 10:12:22		-122.361	37.717	2089001.952	6023362.920		2079.743	RS-700	-0.42929106918
8340	9/12/2019 10:12:23		-122.361	37.717	2089003.185	6023361.383		2051.740	RS-700	-0.60541006289
8341	9/12/2019 10:12:24		-122.361	37.717	2089004.381	6023359.844		2132.552	RS-700	-0.09715993711
8342	9/12/2019 10:12:25		-122.361	37.717	2089005.579	6023358.219		2155.993	RS-700	0.05027333333
8343	9/12/2019 10:12:26		-122.361	37.717	2089006.884	6023356.683		2166.890	RS-700	0.11880201258
8344	9/12/2019 10:12:27		-122.361	37.717	2089008.372	6023355.121		2131.761	RS-700	-0.10213245283
8345	9/12/2019 10:12:28		-122.361	37.717	2089009.678	6023353.527		2080.075	RS-700	-0.42719974843
8346	9/12/2019 10:12:29		-122.361	37.717	2089010.912	6023351.931		2178.783	RS-700	0.19360427673
8347	9/12/2019 10:12:30		-122.361	37.717	2089012.216	6023350.453		2101.548	RS-700	-0.29214987421
8348	9/12/2019 10:12:31		-122.361	37.717	2089013.411	6023348.943		2027.940	RS-700	-0.75509389937
8349	9/12/2019 10:12:32		-122.361	37.717	2089014.756	6023347.234		2031.627	RS-700	-0.73190547170
8350	9/12/2019 10:12:33		-122.361	37.717	2089015.994	6023345.407		1996.620	RS-700	-0.95207352201
8351	9/12/2019 10:12:34		-122.361	37.717	2089017.194	6023343.695		2150.346	RS-700	0.01475383648
8352	9/12/2019 10:12:35		-122.361	37.717	2089018.468	6023341.898		2073.750	RS-700	-0.46697918239
8353	9/12/2019 10:12:36		-122.361	37.717	2089019.890	6023339.959		2080.437	RS-700	-0.42492509434
8354	9/12/2019 10:12:37		-122.361	37.717	2089021.421	6023338.080		2087.543	RS-700	-0.38023006289
8355	9/12/2019 10:12:38		-122.361	37.717	2089022.953	6023336.115		2101.655	RS-700	-0.29147578616
8356	9/12/2019 10:12:39		-122.361	37.717	2089024.484	6023334.207		2090.176	RS-700	-0.36367383648

Gamma Scan Survey Results
Survey Unit 4 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
8357	9/12/2019 10:12:40		-122.361	37.717	2089025.792	6023332.555		2025.542	RS-700	-0.77017396226
8358	9/12/2019 10:12:41		-122.361	37.717	2089027.062	6023330.931		2049.044	RS-700	-0.62236327044
8359	9/12/2019 10:12:42		-122.361	37.717	2089028.259	6023329.335		1989.413	RS-700	-0.99740157233
8360	9/12/2019 10:12:43		-122.361	37.717	2089029.494	6023327.681		2048.846	RS-700	-0.62361238994
8361	9/12/2019 10:12:44		-122.361	37.717	2089030.729	6023326.028		2020.316	RS-700	-0.80304591195
8362	9/12/2019 10:12:45		-122.361	37.717	2089031.818	6023324.372		2085.647	RS-700	-0.39215515723
8363	9/12/2019 10:12:46		-122.361	37.717	2089032.979	6023322.775		2099.448	RS-700	-0.30535540881
8364	9/12/2019 10:12:47		-122.361	37.717	2089034.287	6023321.065		1947.511	RS-700	-1.26093597484
8365	9/12/2019 10:12:48		-122.361	37.717	2089035.562	6023319.210		2142.449	RS-700	-0.03491207547
8366	9/12/2019 10:12:49		-122.361	37.717	2089036.909	6023317.414		2075.548	RS-700	-0.45567339623
8367	9/12/2019 10:12:50		-122.361	37.717	2089038.220	6023315.588		2007.523	RS-700	-0.88350157233
8368	9/12/2019 10:12:51		-122.361	37.717	2089039.563	6023313.995		2031.045	RS-700	-0.73556830189
8369	9/12/2019 10:12:52		-122.361	37.717	2089040.832	6023312.429		2046.736	RS-700	-0.63687817610
8370	9/12/2019 10:12:53		-122.361	37.717	2089042.141	6023310.748		1943.701	RS-700	-1.28489792453
8371	9/12/2019 10:12:54		-122.361	37.717	2089043.523	6023309.011		2072.747	RS-700	-0.47328817610
8372	9/12/2019 10:12:55		-122.361	37.717	2089044.869	6023307.244		2130.769	RS-700	-0.10837320755
8373	9/12/2019 10:12:56		-122.361	37.717	2089046.105	6023305.533		2042.636	RS-700	-0.66266534591
8374	9/12/2019 10:12:57		-122.361	37.717	2089047.301	6023303.994		2100.652	RS-700	-0.29778452830
8375	9/12/2019 10:12:58		-122.361	37.717	2089048.571	6023302.371		2090.753	RS-700	-0.36004402516
8376	9/12/2019 10:12:59		-122.361	37.717	2089049.734	6023300.658		2111.504	RS-700	-0.22953364780
8377	9/12/2019 10:13:00		-122.361	37.717	2089050.864	6023298.800		2197.354	RS-700	0.31040276730
8378	9/12/2019 10:13:01		-122.361	37.717	2089052.026	6023297.116		2069.166	RS-700	-0.49581389937
8379	9/12/2019 10:13:02		-122.361	37.717	2089053.297	6023295.493		2148.450	RS-700	0.00283169811
8380	9/12/2019 10:13:03		-122.361	37.717	2089054.641	6023293.841		2116.085	RS-700	-0.20072490566
8381	9/12/2019 10:13:04		-122.361	37.717	2089055.915	6023292.015		2214.139	RS-700	0.41596886793
8382	9/12/2019 10:13:05		-122.361	37.717	2089057.156	6023290.073		2119.766	RS-700	-0.17757383648
8383	9/12/2019 10:13:06		-122.361	37.717	2089058.319	6023288.331		2043.937	RS-700	-0.65448591195
8384	9/12/2019 10:13:07		-122.361	37.717	2089059.517	6023286.706		1977.319	RS-700	-1.07346377358
8385	9/12/2019 10:13:08		-122.361	37.717	2089060.598	6023285.454		1707.631	RS-700	-2.76961729560
8386	9/12/2019 10:13:09		-122.361	37.717	2089061.680	6023284.174		1645.489	RS-700	-3.16044647799
8387	9/12/2019 10:13:10		-122.361	37.717	2089062.620	6023282.688		1873.503	RS-700	-1.72639647799
8388	9/12/2019 10:13:11		-122.361	37.717	2089063.673	6023281.031		2074.122	RS-700	-0.46464383648
8389	9/12/2019 10:13:12		-122.361	37.717	2089064.579	6023279.400		2092.330	RS-700	-0.35012471698
8390	9/12/2019 10:13:13		-122.361	37.717	2089065.664	6023277.946		2003.039	RS-700	-0.91170704403
8391	9/12/2019 10:13:14		-122.361	37.717	2089066.857	6023276.553		1257.134	RS-700	-5.60292867925
8392	9/12/2019 10:13:15		-122.361	37.717	2089067.976	6023275.215		929.103	RS-700	-7.66601805031
8393	9/12/2019 10:13:16		-122.361	37.717	2089069.171	6023273.735		979.107	RS-700	-7.35152981132
8394	9/12/2019 10:13:17		-122.361	37.717	2089070.144	6023272.423		1545.092	RS-700	-3.79187735849
8395	9/12/2019 10:13:18		-122.362	37.717	2089071.300	6023271.057		1978.614	RS-700	-1.06531817610
8396	9/12/2019 10:13:19		-122.362	37.717	2089072.347	6023269.690		2072.555	RS-700	-0.47449943396
8397	9/12/2019 10:13:20		-122.362	37.717	2089073.542	6023268.209		2053.944	RS-700	-0.59154528302
8398	9/12/2019 10:13:21		-122.362	37.717	2089074.665	6023266.698		2043.550	RS-700	-0.65691974843
8399	9/12/2019 10:13:22		-122.362	37.718	2089075.898	6023265.103		2097.068	RS-700	-0.32032484277
8400	9/12/2019 10:13:23		-122.362	37.718	2089077.022	6023263.563		2085.427	RS-700	-0.39354251572
8401	9/12/2019 10:13:24		-122.362	37.718	2089078.182	6023261.995		2162.573	RS-700	0.09165465409
8402	9/12/2019 10:13:25		-122.362	37.718	2089079.490	6023260.314		2107.649	RS-700	-0.25378150943
8403	9/12/2019 10:13:26		-122.362	37.718	2089080.874	6023258.490		2038.633	RS-700	-0.68784100629
8404	9/12/2019 10:13:27		-122.362	37.718	2089082.146	6023256.779		2128.983	RS-700	-0.11960327044
8405	9/12/2019 10:13:28		-122.362	37.718	2089083.302	6023255.442		2077.980	RS-700	-0.44037886793
8406	9/12/2019 10:13:29		-122.362	37.718	2089084.493	6023254.135		2136.565	RS-700	-0.07191993711
8407	9/12/2019 10:13:30		-122.362	37.718	2089085.761	6023252.627		2131.870	RS-700	-0.10144962264
8408	9/12/2019 10:13:31		-122.362	37.718	2089086.994	6023251.090		2118.979	RS-700	-0.18251968554
8409	9/12/2019 10:13:32		-122.362	37.718	2089088.192	6023249.435		2030.531	RS-700	-0.73879735849
8410	9/12/2019 10:13:33		-122.362	37.718	2089089.319	6023247.693		2153.779	RS-700	0.03634503145
8411	9/12/2019 10:13:34		-122.362	37.718	2089090.445	6023246.009		2220.684	RS-700	0.45713044025
8412	9/12/2019 10:13:35		-122.362	37.718	2089091.755	6023244.241		2191.460	RS-700	0.27333459120
8413	9/12/2019 10:13:36		-122.362	37.718	2089093.028	6023242.502		2492.780	RS-700	2.16842987421
8414	9/12/2019 10:13:37		-122.362	37.718	2089094.035	6023241.307		2634.686	RS-700	3.06091773585
8415	9/12/2019 10:13:38		-122.362	37.718	2089094.034	6023241.364		2614.202	RS-700	2.93209106918
8416	9/12/2019 10:13:39		-122.362	37.718	2089094.182	6023241.223		2514.545	RS-700	2.30531144654
8417	9/12/2019 10:13:40		-122.362	37.718	2089094.033	6023241.393		2567.441	RS-700	2.63799163522

Gamma Scan Survey Results
Survey Unit 4 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
8418	9/12/2019 10:13:41		-122.362	37.718	2089094.405	6023240.996		2655.692	RS-700	1.34807023460
8419	9/12/2019 10:13:42		-122.362	37.718	2089095.450	6023239.773		2579.444	RS-700	1.12446818182
8420	9/12/2019 10:13:43		-122.362	37.718	2089096.421	6023238.548		2120.873	RS-700	-0.22031519062
8421	9/12/2019 10:13:44		-122.362	37.718	2089097.320	6023237.264		1764.898	RS-700	-1.26422865103
8422	9/12/2019 10:13:45		-122.362	37.718	2089098.292	6023236.039		1594.414	RS-700	-1.76418052786
8423	9/12/2019 10:13:46		-122.362	37.718	2089099.266	6023234.641		1997.621	RS-700	-0.58175712610
8424	9/12/2019 10:13:47		-122.362	37.718	2089100.605	6023233.279		2505.779	RS-700	0.90844319648
8425	9/12/2019 10:13:48		-122.362	37.718	2089101.942	6023231.975		2554.315	RS-700	1.05077618768
8426	9/12/2019 10:13:49		-122.362	37.718	2089103.462	6023230.616		2274.933	RS-700	0.23147574780
8427	9/12/2019 10:13:50		-122.362	37.718	2089104.652	6023229.367		2204.664	RS-700	0.02540841642
8428	9/12/2019 10:13:51		-122.362	37.718	2089106.020	6023228.353		2010.843	RS-700	-0.54298304985
8429	9/12/2019 10:13:52		-122.362	37.718	2089107.313	6023227.424		2211.791	RS-700	0.04630721408
8430	9/12/2019 10:13:53		-122.362	37.718	2089108.613	6023226.148		2076.750	RS-700	-0.44811358491
8431	9/12/2019 10:13:54		-122.362	37.718	2089109.550	6023224.807		2124.887	RS-700	-0.14536647799
8432	9/12/2019 10:13:55		-122.362	37.718	2089110.633	6023223.440		2171.873	RS-700	0.15014767296
8433	9/12/2019 10:13:56		-122.362	37.718	2089111.869	6023221.729		2219.577	RS-700	0.45016767296
8434	9/12/2019 10:13:57		-122.362	37.718	2089113.287	6023220.021		2235.694	RS-700	0.55153641509
8435	9/12/2019 10:13:58		-122.362	37.718	2089114.781	6023218.141		2045.430	RS-700	-0.64509559748
8436	9/12/2019 10:13:59		-122.362	37.718	2089116.276	6023216.233		2159.104	RS-700	0.06983949686
8437	9/12/2019 10:14:00		-122.362	37.718	2089117.553	6023214.291		2207.900	RS-700	0.37673220126
8438	9/12/2019 10:14:01		-122.362	37.718	2089118.573	6023212.431		2161.892	RS-700	0.08737100629
8439	9/12/2019 10:14:02		-122.362	37.718	2089119.590	6023210.744		2224.915	RS-700	0.48374081761
8440	9/12/2019 10:14:03		-122.362	37.718	2089120.572	6023208.970		2167.565	RS-700	0.12304742138
8441	9/12/2019 10:14:04		-122.362	37.718	2089121.478	6023207.368		2176.216	RS-700	0.17745886793
8442	9/12/2019 10:14:05		-122.362	37.718	2089122.492	6023205.826		2127.448	RS-700	-0.12925672956
8443	9/12/2019 10:14:06		-122.362	37.718	2089123.650	6023204.373		2105.549	RS-700	-0.26698773585
8444	9/12/2019 10:14:07		-122.362	37.718	2089124.847	6023202.777		2120.979	RS-700	-0.16994081761
8445	9/12/2019 10:14:08		-122.362	37.718	2089126.118	6023201.124		2117.657	RS-700	-0.19083440252
8446	9/12/2019 10:14:09		-122.362	37.718	2089127.354	6023199.442		2134.414	RS-700	-0.08544924528
8447	9/12/2019 10:14:10		-122.362	37.718	2089128.734	6023197.792		2293.822	RS-700	0.91712044025
8448	9/12/2019 10:14:11		-122.362	37.718	2089130.298	6023196.087		2166.133	RS-700	0.11404459120
8449	9/12/2019 10:14:12		-122.362	37.718	2089131.752	6023194.380		2093.289	RS-700	-0.34409685535
8450	9/12/2019 10:14:13		-122.362	37.718	2089133.244	6023192.616		2189.692	RS-700	0.26221635220
8451	9/12/2019 10:14:14		-122.362	37.718	2089134.625	6023190.908		2228.579	RS-700	0.50678735849
8452	9/12/2019 10:14:15		-122.362	37.718	2089136.005	6023189.286		2253.920	RS-700	0.66616396226
8453	9/12/2019 10:14:16		-122.362	37.718	2089137.421	6023187.694		2225.919	RS-700	0.49005918239
8454	9/12/2019 10:14:17		-122.362	37.718	2089138.802	6023186.015		2189.681	RS-700	0.26214421384
8455	9/12/2019 10:14:18		-122.362	37.718	2089140.074	6023184.304		2249.584	RS-700	0.63889314465
8456	9/12/2019 10:14:19		-122.362	37.718	2089141.456	6023182.538		2306.260	RS-700	0.99534339623
8457	9/12/2019 10:14:20		-122.362	37.718	2089142.763	6023180.944		2232.813	RS-700	0.53341515723
8458	9/12/2019 10:14:21		-122.362	37.718	2089143.998	6023179.262		2250.924	RS-700	0.64732163522
8459	9/12/2019 10:14:22		-122.362	37.718	2089145.452	6023177.555		2278.591	RS-700	0.82132880503
8460	9/12/2019 10:14:23		-122.362	37.718	2089146.798	6023175.846		2216.241	RS-700	0.42918641509
8461	9/12/2019 10:14:24		-122.362	37.718	2089148.179	6023174.138		2239.249	RS-700	0.57389459120
8462	9/12/2019 10:14:25		-122.362	37.718	2089149.231	6023172.509		2305.255	RS-700	0.98902459120
8463	9/12/2019 10:14:26		-122.362	37.718	2089150.320	6023170.882		2302.601	RS-700	0.97233094340
8464	9/12/2019 10:14:27		-122.362	37.718	2089151.518	6023169.228		2304.294	RS-700	0.98297849057
8465	9/12/2019 10:14:28		-122.362	37.718	2089152.719	6023167.429		2225.023	RS-700	0.48442295598
8466	9/12/2019 10:14:29		-122.362	37.718	2089154.103	6023165.605		2105.975	RS-700	-0.26430786164
8467	9/12/2019 10:14:30		-122.362	37.718	2089155.522	6023163.840		2214.110	RS-700	0.41578477987
8468	9/12/2019 10:14:31		-122.362	37.718	2089156.941	6023162.103		2259.704	RS-700	0.70253981132
8469	9/12/2019 10:14:32		-122.362	37.718	2089158.248	6023160.451		2150.666	RS-700	0.01677031447
8470	9/12/2019 10:14:33		-122.362	37.718	2089159.702	6023158.773		2242.145	RS-700	0.59210974843
8471	9/12/2019 10:14:34		-122.362	37.718	2089161.194	6023156.981		2142.554	RS-700	-0.03424937107
8472	9/12/2019 10:14:35		-122.362	37.718	2089162.541	6023155.185		2141.884	RS-700	-0.03846446541
8473	9/12/2019 10:14:36		-122.362	37.718	2089163.885	6023153.534		2260.587	RS-700	0.70809685535
8474	9/12/2019 10:14:37		-122.362	37.718	2089165.153	6023152.025		2235.035	RS-700	0.54738805031
8475	9/12/2019 10:14:38		-122.362	37.718	2089166.389	6023150.343		2260.153	RS-700	0.70536201258
8476	9/12/2019 10:14:39		-122.362	37.718	2089167.589	6023148.573		2185.330	RS-700	0.23477792453
8477	9/12/2019 10:14:40		-122.362	37.718	2089168.646	6023146.714		2244.056	RS-700	0.60412867925
8478	9/12/2019 10:14:41		-122.362	37.718	2089170.137	6023145.008		2112.079	RS-700	-0.22592106918

Gamma Scan Survey Results
Survey Unit 4 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
8479	9/12/2019 10:14:42		-122.362	37.718	2089171.592	6023143.243		2073.968	RS-700	-0.46561132076
8480	9/12/2019 10:14:43		-122.362	37.718	2089172.977	6023141.361		2121.445	RS-700	-0.16701018868
8481	9/12/2019 10:14:44		-122.362	37.718	2089174.291	6023139.391		2136.300	RS-700	-0.07358257862
8482	9/12/2019 10:14:45		-122.362	37.718	2089174.948	6023137.495		2116.976	RS-700	-0.19512220126
8483	9/12/2019 10:14:46		-122.362	37.718	2089175.051	6023135.964		2179.101	RS-700	0.19560345912
8484	9/12/2019 10:14:47		-122.362	37.718	2089175.038	6023134.777		2133.514	RS-700	-0.09110446541
8485	9/12/2019 10:14:48		-122.362	37.718	2089175.243	6023133.624		2239.926	RS-700	0.57815396226
8486	9/12/2019 10:14:49		-122.362	37.718	2089175.744	6023132.274		2351.724	RS-700	1.28128320755
8487	9/12/2019 10:14:50		-122.362	37.718	2089176.419	6023131.275		2101.739	RS-700	-0.29094981132
8488	9/12/2019 10:14:51		-122.362	37.718	2089177.165	6023130.393		2011.826	RS-700	-0.85644062893
8489	9/12/2019 10:14:52		-122.362	37.718	2089177.838	6023129.510		2037.707	RS-700	-0.69366685535
8490	9/12/2019 10:14:53		-122.362	37.718	2089178.437	6023128.683		2145.236	RS-700	-0.01738509434
8491	9/12/2019 10:14:54		-122.362	37.718	2089178.923	6023128.085		2181.095	RS-700	0.20814566038
8492	9/12/2019 10:14:55		-122.362	37.718	2089178.998	6023127.942		2087.437	RS-700	-0.38089949686
8493	9/12/2019 10:14:56		-122.362	37.718	2089179.073	6023127.856		2123.970	RS-700	-0.15113339623
8494	9/12/2019 10:14:57		-122.362	37.718	2089179.448	6023127.285		2295.174	RS-700	0.92562245283
8495	9/12/2019 10:14:58		-122.362	37.718	2089180.051	6023126.285		2151.092	RS-700	0.01944603774
8496	9/12/2019 10:14:59		-122.362	37.718	2089180.978	6023125.464		2260.789	RS-700	0.70936440252
8497	9/12/2019 10:15:00		-122.362	37.718	2089181.966	6023125.195		2228.356	RS-700	0.50538383648
8498	9/12/2019 10:15:01		-122.362	37.718	2089182.771	6023125.037		2085.858	RS-700	-0.39082886793
8499	9/12/2019 10:15:02		-122.362	37.718	2089183.543	6023124.647		2194.687	RS-700	0.29362704403
8500	9/12/2019 10:15:03		-122.362	37.718	2089184.133	6023124.283		2169.888	RS-700	0.13766100629
8501	9/12/2019 10:15:04		-122.362	37.718	2089184.947	6023123.663		2245.271	RS-700	0.61176949686
8502	9/12/2019 10:15:05		-122.362	37.718	2089186.022	6023122.701		2199.671	RS-700	0.32497716981
8503	9/12/2019 10:15:06		-122.362	37.718	2089187.322	6023121.425		2209.783	RS-700	0.38856955975
8504	9/12/2019 10:15:07		-122.362	37.718	2089188.590	6023119.917		2300.869	RS-700	0.96143729560
8505	9/12/2019 10:15:08		-122.362	37.718	2089189.898	6023118.265		2236.027	RS-700	0.55362735849
8506	9/12/2019 10:15:09		-122.362	37.718	2089191.211	6023116.352		2196.462	RS-700	0.30479308176
8507	9/12/2019 10:15:10		-122.362	37.718	2089192.596	6023114.471		2171.429	RS-700	0.14735113208
8508	9/12/2019 10:15:11		-122.362	37.718	2089194.055	6023112.503		2251.467	RS-700	0.65073654088
8509	9/12/2019 10:15:12		-122.362	37.718	2089195.662	6023110.452		2259.803	RS-700	0.70316522013
8510	9/12/2019 10:15:13		-122.362	37.718	2089197.232	6023108.401		2210.235	RS-700	0.39141584906
8511	9/12/2019 10:15:14		-122.362	37.718	2089198.692	6023106.405		2252.911	RS-700	0.65981672956
8512	9/12/2019 10:15:15		-122.362	37.718	2089200.191	6023104.294		2320.202	RS-700	1.08302981132
8513	9/12/2019 10:15:16		-122.362	37.718	2089201.760	6023102.329		2355.967	RS-700	1.30796691824
8514	9/12/2019 10:15:17		-122.362	37.718	2089203.292	6023100.392		2313.414	RS-700	1.04033748428
8515	9/12/2019 10:15:18		-122.362	37.718	2089204.676	6023098.539		2350.936	RS-700	1.27632389937
8516	9/12/2019 10:15:19		-122.362	37.718	2089205.988	6023096.656		2254.467	RS-700	0.66960647799
8517	9/12/2019 10:15:20		-122.362	37.718	2089207.334	6023094.918		2355.964	RS-700	1.30795264151
8518	9/12/2019 10:15:21		-122.362	37.718	2089208.532	6023093.293		2314.950	RS-700	1.05000069182
8519	9/12/2019 10:15:22		-122.362	37.718	2089209.769	6023091.524		2348.324	RS-700	1.25990232704
8520	9/12/2019 10:15:23		-122.362	37.718	2089211.044	6023089.640		2425.105	RS-700	1.74279578616
8521	9/12/2019 10:15:24		-122.362	37.718	2089212.287	6023087.581		2374.450	RS-700	1.42421157233
8522	9/12/2019 10:15:25		-122.362	37.718	2089213.493	6023085.551		2327.190	RS-700	1.12698339623
8523	9/12/2019 10:15:26		-122.362	37.718	2089214.767	6023083.725		2324.616	RS-700	1.11079238994
8524	9/12/2019 10:15:27		-122.362	37.718	2089216.006	6023081.869		2367.741	RS-700	1.38201597484
8525	9/12/2019 10:15:28		-122.362	37.718	2089217.502	6023079.903		2374.966	RS-700	1.42745628931
8526	9/12/2019 10:15:29		-122.362	37.718	2089218.812	6023078.135		2258.138	RS-700	0.69268962264
8527	9/12/2019 10:15:30		-122.362	37.718	2089219.899	6023076.566		2341.080	RS-700	1.21433647799
8528	9/12/2019 10:15:31		-122.362	37.718	2089221.059	6023075.027		2330.081	RS-700	1.14516534591
8529	9/12/2019 10:15:32		-122.362	37.718	2089222.517	6023073.117		2288.249	RS-700	0.88207081761
8530	9/12/2019 10:15:33		-122.362	37.718	2089224.123	6023071.124		2209.802	RS-700	0.38869100629
8531	9/12/2019 10:15:34		-122.362	37.718	2089225.800	6023069.190		2184.787	RS-700	0.23136723270
8532	9/12/2019 10:15:35		-122.362	37.718	2089227.514	6023067.257		2200.904	RS-700	0.33273025157
8533	9/12/2019 10:15:36		-122.362	37.718	2089229.264	6023065.325		2157.550	RS-700	0.06006163522
8534	9/12/2019 10:15:37		-122.362	37.718	2089231.014	6023063.392		2096.446	RS-700	-0.32423955975
8535	9/12/2019 10:15:38		-122.362	37.718	2089232.803	6023061.374		2174.758	RS-700	0.16828792453
8536	9/12/2019 10:15:39		-122.362	37.718	2089234.554	6023059.384		2213.024	RS-700	0.40895578616
8537	9/12/2019 10:15:40		-122.362	37.718	2089236.378	6023057.424		2100.863	RS-700	-0.29646157233
8538	9/12/2019 10:15:41		-122.362	37.718	2089238.166	6023055.376		2121.399	RS-700	-0.16730044025
8539	9/12/2019 10:15:42		-122.362	37.718	2089239.992	6023053.301		2108.758	RS-700	-0.24680194969

Gamma Scan Survey Results
Survey Unit 4 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
8540	9/12/2019 10:15:43		-122.362	37.718	2089241.636	6023051.222		2134.451	RS-700	-0.08521459120
8541	9/12/2019 10:15:44		-122.362	37.718	2089243.282	6023049.027		2107.758	RS-700	-0.25309194969
8542	9/12/2019 10:15:45		-122.362	37.718	2089244.892	6023046.802		2182.670	RS-700	0.21804918239
8543	9/12/2019 10:15:46		-122.362	37.718	2089246.537	6023044.694		2182.474	RS-700	0.21681666667
8544	9/12/2019 10:15:47		-122.362	37.718	2089248.292	6023042.530		2196.121	RS-700	0.30264874214
8545	9/12/2019 10:15:48		-122.362	37.718	2089250.157	6023040.311		2129.767	RS-700	-0.11467364780
8546	9/12/2019 10:15:49		-122.362	37.718	2089252.022	6023038.092		2158.875	RS-700	0.06839911950
8547	9/12/2019 10:15:50		-122.362	37.718	2089253.888	6023035.814		2251.916	RS-700	0.65356213837
8548	9/12/2019 10:15:51		-122.362	37.718	2089255.682	6023033.507		2259.711	RS-700	0.70258572327
8549	9/12/2019 10:15:52		-122.362	37.718	2089257.550	6023031.172		2102.749	RS-700	-0.28459496855
8550	9/12/2019 10:15:53		-122.362	37.718	2089259.379	6023028.894		2222.026	RS-700	0.46557452830
8551	9/12/2019 10:15:54		-122.362	37.718	2089261.099	6023026.671		2126.184	RS-700	-0.13720918239
8552	9/12/2019 10:15:55		-122.362	37.718	2089262.856	6023024.392		2205.685	RS-700	0.36280169811
8553	9/12/2019 10:15:56		-122.362	37.718	2089264.649	6023022.113		2095.650	RS-700	-0.32924817610
8554	9/12/2019 10:15:57		-122.362	37.718	2089266.519	6023019.691		2199.569	RS-700	0.32433100629
8555	9/12/2019 10:15:58		-122.362	37.718	2089268.425	6023017.241		2161.792	RS-700	0.08673905660
8556	9/12/2019 10:15:59		-122.362	37.718	2089270.221	6023014.847		2206.029	RS-700	0.36495981132
8557	9/12/2019 10:16:00		-122.362	37.718	2089271.905	6023012.566		2217.241	RS-700	0.43547679245
8558	9/12/2019 10:16:01		-122.362	37.718	2089273.516	6023010.313		2101.861	RS-700	-0.29018106918
8559	9/12/2019 10:16:02		-122.362	37.718	2089275.090	6023008.059		2321.061	RS-700	1.08843459119
8560	9/12/2019 10:16:03		-122.362	37.718	2089276.739	6023005.719		2282.711	RS-700	0.84723786164
8561	9/12/2019 10:16:04		-122.362	37.718	2089278.463	6023003.265		2235.917	RS-700	0.55293792453
8562	9/12/2019 10:16:05		-122.362	37.718	2089280.224	6023000.784		2225.797	RS-700	0.48929119497
8563	9/12/2019 10:16:06		-122.362	37.718	2089281.872	6022998.531		2236.462	RS-700	0.55636603774
8564	9/12/2019 10:16:07		-122.362	37.718	2089283.519	6022996.278		2271.710	RS-700	0.77804748428
8565	9/12/2019 10:16:08		-122.362	37.718	2089285.313	6022993.971		2294.169	RS-700	0.91930150943
8566	9/12/2019 10:16:09		-122.362	37.718	2089287.069	6022991.749		2337.728	RS-700	1.19325691824
8567	9/12/2019 10:16:10		-122.362	37.718	2089288.788	6022989.527		2260.586	RS-700	0.70808836478
8568	9/12/2019 10:16:11		-122.363	37.718	2089290.508	6022987.275		2215.590	RS-700	0.42509371069
8569	9/12/2019 10:16:12		-122.363	37.718	2089292.268	6022984.880		2249.145	RS-700	0.63612930818
8570	9/12/2019 10:16:13		-122.363	37.718	2089294.064	6022982.457		2269.613	RS-700	0.76486352201
8571	9/12/2019 10:16:14		-122.363	37.718	2089295.788	6022980.003		2316.961	RS-700	1.06264666667
8572	9/12/2019 10:16:15		-122.363	37.718	2089297.549	6022977.550		2212.799	RS-700	0.40753930818
8573	9/12/2019 10:16:16		-122.363	37.718	2089299.160	6022975.268		2282.622	RS-700	0.84668050315
8574	9/12/2019 10:16:17		-122.363	37.718	2089300.735	6022972.985		2226.580	RS-700	0.49421559748
8575	9/12/2019 10:16:18		-122.363	37.718	2089302.238	6022970.672		2237.032	RS-700	0.55994993711
8576	9/12/2019 10:16:19		-122.363	37.718	2089303.695	6022968.820		2228.693	RS-700	0.50750540881
8577	9/12/2019 10:16:20		-122.363	37.718	2089305.972	6022967.853		2174.896	RS-700	0.16915584906
8578	9/12/2019 10:16:21		-122.363	37.718	2089308.858	6022969.241		2207.243	RS-700	0.37259641509
8579	9/12/2019 10:16:22		-122.363	37.718	2089310.233	6022969.702		2230.029	RS-700	0.51590811321
8580	9/12/2019 10:16:23		-122.363	37.718	2089310.797	6022970.668		2273.038	RS-700	0.78640465409
8581	9/12/2019 10:16:24		-122.363	37.718	2089310.133	6022969.238		2278.935	RS-700	0.82348943396
8582	9/12/2019 10:16:25		-122.363	37.718	2089309.738	6022967.147		2327.196	RS-700	1.12701792453
8583	9/12/2019 10:16:26		-122.363	37.718	2089309.659	6022965.612		2237.032	RS-700	0.55995031447
8584	9/12/2019 10:16:27		-122.363	37.718	2089309.551	6022965.523		2313.067	RS-700	1.03815761006
8585	9/12/2019 10:16:28		-122.363	37.718	2089309.657	6022965.728		2214.131	RS-700	0.41592031447
8586	9/12/2019 10:16:29		-122.363	37.718	2089309.858	6022966.600		2233.470	RS-700	0.53754874214
8587	9/12/2019 10:16:30		-122.363	37.718	2089309.871	6022967.786		2285.405	RS-700	0.86417968554
8588	9/12/2019 10:16:31		-122.363	37.718	2089309.147	6022969.392		2214.574	RS-700	0.41870698113
8589	9/12/2019 10:16:32		-122.363	37.718	2089307.739	6022970.608		2187.198	RS-700	0.24652830189
8590	9/12/2019 10:16:33		-122.363	37.718	2089306.162	6022971.126		2334.966	RS-700	1.17588861635
8591	9/12/2019 10:16:34		-122.363	37.718	2089305.163	6022971.916		2251.265	RS-700	0.64946371069
8592	9/12/2019 10:16:35		-122.363	37.718	2089305.690	6022971.087		2290.594	RS-700	0.89681635220
8593	9/12/2019 10:16:36		-122.363	37.718	2089306.746	6022969.257		2196.790	RS-700	0.30685308176
8594	9/12/2019 10:16:37		-122.363	37.718	2089307.762	6022967.599		2241.374	RS-700	0.58725672956
8595	9/12/2019 10:16:38		-122.363	37.718	2089308.514	6022966.428		2279.929	RS-700	0.82974176101
8596	9/12/2019 10:16:39		-122.363	37.718	2089309.703	6022965.237		2330.073	RS-700	1.14511018868
8597	9/12/2019 10:16:40		-122.363	37.718	2089309.477	6022965.579		2230.919	RS-700	0.52150075472
8598	9/12/2019 10:16:41		-122.363	37.718	2089308.433	6022966.803		2190.901	RS-700	0.26981603774
8599	9/12/2019 10:16:42		-122.363	37.718	2089307.905	6022967.718		2269.804	RS-700	0.76606345912
8600	9/12/2019 10:16:43		-122.363	37.718	2089306.635	6022969.313		2306.343	RS-700	0.99586861635

Gamma Scan Survey Results
Survey Unit 4 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
8601	9/12/2019 10:16:44		-122.363	37.718	2089305.550	6022970.766		2319.075	RS-700	1.07594207547
8602	9/12/2019 10:16:45		-122.363	37.718	2089304.316	6022972.391		2329.830	RS-700	1.14358477987
8603	9/12/2019 10:16:46		-122.363	37.718	2089302.895	6022974.272		2270.801	RS-700	0.77233515723
8604	9/12/2019 10:16:47		-122.363	37.718	2089301.362	6022976.238		2177.994	RS-700	0.18864446541
8605	9/12/2019 10:16:48		-122.363	37.718	2089299.613	6022978.141		2191.679	RS-700	0.27470899371
8606	9/12/2019 10:16:49		-122.363	37.718	2089298.183	6022980.456		2291.307	RS-700	0.90129918239
8607	9/12/2019 10:16:50		-122.363	37.718	2089296.669	6022983.319		2183.565	RS-700	0.22367905660
8608	9/12/2019 10:16:51		-122.363	37.718	2089295.560	6022985.958		2195.233	RS-700	0.29706182390
8609	9/12/2019 10:16:52		-122.362	37.718	2089294.525	6022988.599		2287.617	RS-700	0.87809251572
8610	9/12/2019 10:16:53		-122.362	37.718	2089293.852	6022991.276		2170.008	RS-700	0.13841509434
8611	9/12/2019 10:16:54		-122.362	37.718	2089293.798	6022993.995		2220.798	RS-700	0.45785094340
8612	9/12/2019 10:16:55		-122.362	37.718	2089293.193	6022996.934		2175.692	RS-700	0.17416333333
8613	9/12/2019 10:16:56		-122.362	37.718	2089292.224	6022999.894		2186.787	RS-700	0.24394459120
8614	9/12/2019 10:16:57		-122.362	37.718	2089290.819	6023002.788		2132.227	RS-700	-0.09919823899
8615	9/12/2019 10:16:58		-122.362	37.718	2089289.016	6023005.529		2215.917	RS-700	0.42715088050
8616	9/12/2019 10:16:59		-122.362	37.718	2089287.215	6023008.213		2219.134	RS-700	0.44738433962
8617	9/12/2019 10:17:00		-122.362	37.718	2089285.530	6023010.523		2276.707	RS-700	0.80947943396
8618	9/12/2019 10:17:01		-122.362	37.718	2089284.141	6023012.578		2137.336	RS-700	-0.06707144654
8619	9/12/2019 10:17:02		-122.362	37.718	2089282.346	6023014.944		2266.590	RS-700	0.74584830189
8620	9/12/2019 10:17:03		-122.362	37.718	2089280.479	6023017.279		2183.787	RS-700	0.22507402516
8621	9/12/2019 10:17:04		-122.362	37.718	2089278.540	6023019.555		2212.909	RS-700	0.40823018868
8622	9/12/2019 10:17:05		-122.362	37.718	2089276.528	6023021.829		2126.888	RS-700	-0.13278018868
8623	9/12/2019 10:17:06		-122.362	37.718	2089274.588	6023024.134		2177.457	RS-700	0.18526125786
8624	9/12/2019 10:17:07		-122.362	37.718	2089272.717	6023026.642		2148.884	RS-700	0.00556150943
8625	9/12/2019 10:17:08		-122.362	37.718	2089270.958	6023029.037		2093.754	RS-700	-0.34116842767
8626	9/12/2019 10:17:09		-122.362	37.718	2089269.089	6023031.459		2106.968	RS-700	-0.25806352201
8627	9/12/2019 10:17:10		-122.362	37.718	2089267.185	6023033.794		2111.975	RS-700	-0.22657182390
8628	9/12/2019 10:17:11		-122.362	37.718	2089265.469	6023035.842		2177.319	RS-700	0.18439352201
8629	9/12/2019 10:17:12		-122.362	37.718	2089263.828	6023037.777		2172.350	RS-700	0.15314245283
8630	9/12/2019 10:17:13		-122.362	37.718	2089262.259	6023039.742		2183.787	RS-700	0.22507823899
8631	9/12/2019 10:17:14		-122.362	37.718	2089260.281	6023042.133		2263.820	RS-700	0.72842987421
8632	9/12/2019 10:17:15		-122.362	37.718	2089259.299	6023043.936		2134.875	RS-700	-0.08254528302
8633	9/12/2019 10:17:16		-122.362	37.718	2089257.654	6023046.073		2166.999	RS-700	0.11948893082
8634	9/12/2019 10:17:17		-122.362	37.718	2089255.786	6023048.437		2158.888	RS-700	0.06847660377
8635	9/12/2019 10:17:18		-122.362	37.718	2089254.509	6023050.379		2118.397	RS-700	-0.18618106918
8636	9/12/2019 10:17:19		-122.362	37.718	2089252.790	6023052.543		2081.446	RS-700	-0.41858031447
8637	9/12/2019 10:17:20		-122.362	37.718	2089251.036	6023054.678		2035.344	RS-700	-0.70852779874
8638	9/12/2019 10:17:21		-122.362	37.718	2089249.503	6023056.672		2085.154	RS-700	-0.39525553459
8639	9/12/2019 10:17:22		-122.362	37.718	2089247.931	6023058.811		2022.727	RS-700	-0.78788327044
8640	9/12/2019 10:17:23		-122.362	37.718	2089246.251	6023060.889		2039.831	RS-700	-0.68030943396
8641	9/12/2019 10:17:24		-122.362	37.718	2089244.607	6023062.998		2140.668	RS-700	-0.04611616352
8642	9/12/2019 10:17:25		-122.362	37.718	2089242.698	6023065.563		2161.890	RS-700	0.08735698113
8643	9/12/2019 10:17:26		-122.362	37.718	2089241.641	6023067.452		2113.997	RS-700	-0.21385716981
8644	9/12/2019 10:17:27		-122.362	37.718	2089240.068	6023069.619		2161.991	RS-700	0.08799389937
8645	9/12/2019 10:17:28		-122.362	37.718	2089238.461	6023071.699		2122.446	RS-700	-0.16071886793
8646	9/12/2019 10:17:29		-122.362	37.718	2089236.816	6023073.807		2178.240	RS-700	0.19018735849
8647	9/12/2019 10:17:30		-122.362	37.718	2089235.315	6023076.034		2197.339	RS-700	0.31030522013
8648	9/12/2019 10:17:31		-122.362	37.718	2089233.777	6023078.289		2297.481	RS-700	0.94013515723
8649	9/12/2019 10:17:32		-122.362	37.718	2089232.130	6023080.541		2342.667	RS-700	1.22431918239
8650	9/12/2019 10:17:33		-122.362	37.718	2089230.412	6023082.706		2284.399	RS-700	0.85785452830
8651	9/12/2019 10:17:34		-122.362	37.718	2089228.765	6023084.929		2311.959	RS-700	1.03118830189
8652	9/12/2019 10:17:35		-122.362	37.718	2089227.044	6023087.210		2276.708	RS-700	0.80948547170
8653	9/12/2019 10:17:36		-122.362	37.718	2089225.324	6023089.461		2232.029	RS-700	0.52848301887
8654	9/12/2019 10:17:37		-122.362	37.718	2089223.642	6023091.655		2225.793	RS-700	0.48926138365
8655	9/12/2019 10:17:38		-122.362	37.718	2089222.034	6023093.735		2284.929	RS-700	0.86118968554
8656	9/12/2019 10:17:39		-122.362	37.718	2089220.389	6023095.872		2370.103	RS-700	1.39687433962
8657	9/12/2019 10:17:40		-122.362	37.718	2089218.744	6023098.009		2334.660	RS-700	1.17395974843
8658	9/12/2019 10:17:41		-122.362	37.718	2089217.026	6023100.145		2307.052	RS-700	1.00032540881
8659	9/12/2019 10:17:42		-122.362	37.718	2089215.343	6023102.397		2213.014	RS-700	0.40889194969
8660	9/12/2019 10:17:43		-122.362	37.718	2089213.623	6023104.619		2341.548	RS-700	1.21728113208
8661	9/12/2019 10:17:44		-122.362	37.718	2089211.866	6023106.898		2261.475	RS-700	0.71367616352

Gamma Scan Survey Results
Survey Unit 4 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
8662	9/12/2019 10:17:45		-122.362	37.718	2089210.037	6023109.147		2278.710	RS-700	0.82207610063
8663	9/12/2019 10:17:46		-122.362	37.718	2089208.355	6023111.313		2279.367	RS-700	0.82620855346
8664	9/12/2019 10:17:47		-122.362	37.718	2089206.637	6023113.477		2221.264	RS-700	0.46078144654
8665	9/12/2019 10:17:48		-122.362	37.718	2089205.067	6023115.471		2172.924	RS-700	0.15675591195
8666	9/12/2019 10:17:49		-122.362	37.718	2089203.459	6023117.580		2228.027	RS-700	0.50331490566
8667	9/12/2019 10:17:50		-122.362	37.718	2089201.812	6023119.832		2202.570	RS-700	0.34320446541
8668	9/12/2019 10:17:51		-122.362	37.718	2089200.167	6023121.998		2121.553	RS-700	-0.16633257862
8669	9/12/2019 10:17:52		-122.362	37.718	2089198.559	6023124.107		2236.266	RS-700	0.55513308176
8670	9/12/2019 10:17:53		-122.362	37.718	2089196.876	6023126.301		2215.682	RS-700	0.42567572327
8671	9/12/2019 10:17:54		-122.362	37.718	2089195.195	6023128.409		2275.285	RS-700	0.80053301887
8672	9/12/2019 10:17:55		-122.362	37.718	2089193.552	6023130.488		2334.539	RS-700	1.17320251572
8673	9/12/2019 10:17:56		-122.362	37.718	2089191.759	6023132.738		2150.103	RS-700	0.01322943396
8674	9/12/2019 10:17:57		-122.362	37.718	2089190.003	6023134.959		2310.608	RS-700	1.02269169811
8675	9/12/2019 10:17:58		-122.362	37.718	2089188.283	6023137.182		2156.875	RS-700	0.05581949686
8676	9/12/2019 10:17:59		-122.362	37.718	2089186.560	6023139.606		2221.464	RS-700	0.46203955975
8677	9/12/2019 10:18:00		-122.362	37.718	2089184.729	6023141.913		2230.468	RS-700	0.51866698113
8678	9/12/2019 10:18:01		-122.362	37.718	2089182.827	6023144.161		2165.995	RS-700	0.11317886793
8679	9/12/2019 10:18:02		-122.362	37.718	2089182.003	6023147.124		2188.562	RS-700	0.25510477987
8680	9/12/2019 10:18:03		-122.362	37.718	2089180.284	6023149.347		2152.997	RS-700	0.03142477987
8681	9/12/2019 10:18:04		-122.362	37.718	2089178.458	6023151.422		2161.888	RS-700	0.08734496855
8682	9/12/2019 10:18:05		-122.362	37.718	2089176.812	6023153.617		2162.559	RS-700	0.09156522013
8683	9/12/2019 10:18:06		-122.362	37.718	2089175.094	6023155.782		2110.976	RS-700	-0.23285371069
8684	9/12/2019 10:18:07		-122.362	37.718	2089173.227	6023158.088		2138.105	RS-700	-0.06223471698
8685	9/12/2019 10:18:08		-122.362	37.718	2089171.436	6023160.251		2169.214	RS-700	0.13341855346
8686	9/12/2019 10:18:09		-122.362	37.718	2089169.570	6023162.499		2179.786	RS-700	0.19991301887
8687	9/12/2019 10:18:10		-122.362	37.718	2089167.741	6023164.748		2157.341	RS-700	0.05874553459
8688	9/12/2019 10:18:11		-122.362	37.718	2089165.803	6023166.966		2261.943	RS-700	0.71662301887
8689	9/12/2019 10:18:12		-122.362	37.718	2089163.794	6023169.096		2287.479	RS-700	0.87722496855
8690	9/12/2019 10:18:13		-122.362	37.718	2089161.640	6023171.194		2156.210	RS-700	0.05163691824
8691	9/12/2019 10:18:14		-122.362	37.718	2089159.448	6023173.349		2232.816	RS-700	0.53343484277
8692	9/12/2019 10:18:15		-122.362	37.718	2089157.330	6023175.477		2303.836	RS-700	0.98010358491
8693	9/12/2019 10:18:16		-122.362	37.718	2089155.137	6023177.690		2301.180	RS-700	0.96339522013
8694	9/12/2019 10:18:17		-122.362	37.718	2089153.087	6023180.050		2331.248	RS-700	1.15250490566
8695	9/12/2019 10:18:18		-122.362	37.718	2089151.432	6023182.708		2255.587	RS-700	0.67664792453
8696	9/12/2019 10:18:19		-122.362	37.718	2089149.887	6023185.310		2221.920	RS-700	0.46490465409
8697	9/12/2019 10:18:20		-122.362	37.718	2089148.597	6023187.888		2289.512	RS-700	0.89001295598
8698	9/12/2019 10:18:21		-122.362	37.718	2089147.634	6023190.530		2272.396	RS-700	0.78236610063
8699	9/12/2019 10:18:22		-122.362	37.718	2089147.178	6023193.327		2298.171	RS-700	0.94447446541
8700	9/12/2019 10:18:23		-122.362	37.718	2089146.614	6023196.064		2222.799	RS-700	0.47043509434
8701	9/12/2019 10:18:24		-122.362	37.718	2089145.687	6023198.708		2250.587	RS-700	0.64520213837
8702	9/12/2019 10:18:25		-122.362	37.718	2089144.615	6023201.319		2231.930	RS-700	0.52785943396
8703	9/12/2019 10:18:26		-122.362	37.718	2089143.362	6023203.898		2194.677	RS-700	0.29356578616
8704	9/12/2019 10:18:27		-122.362	37.718	2089141.784	6023206.325		2152.912	RS-700	0.03089031447
8705	9/12/2019 10:18:28		-122.362	37.718	2089139.956	6023208.545		2053.825	RS-700	-0.59229748428
8706	9/12/2019 10:18:29		-122.362	37.718	2089137.769	6023210.469		2097.872	RS-700	-0.31526874214
8707	9/12/2019 10:18:30		-122.362	37.718	2089135.759	6023212.657		2027.119	RS-700	-0.76025540881
8708	9/12/2019 10:18:31		-122.362	37.718	2089133.022	6023214.743		2128.764	RS-700	-0.12098094340
8709	9/12/2019 10:18:32		-122.362	37.718	2089131.464	6023216.159		2142.450	RS-700	-0.03490327044
8710	9/12/2019 10:18:33		-122.362	37.718	2089129.528	6023218.319		2186.571	RS-700	0.24258327044
8711	9/12/2019 10:18:34		-122.362	37.718	2089127.809	6023220.512		2131.201	RS-700	-0.10565320755
8712	9/12/2019 10:18:35		-122.362	37.718	2089126.201	6023222.621		2237.258	RS-700	0.56137075472
8713	9/12/2019 10:18:36		-122.362	37.718	2089124.483	6023224.757		2198.350	RS-700	0.31666735849
8714	9/12/2019 10:18:37		-122.362	37.718	2089122.619	6023226.918		2179.673	RS-700	0.19920232704
8715	9/12/2019 10:18:38		-122.362	37.718	2089120.232	6023229.735		2161.455	RS-700	0.08462402516
8716	9/12/2019 10:18:39		-122.362	37.718	2089118.761	6023232.280		2177.014	RS-700	0.18247817610
8717	9/12/2019 10:18:40		-122.362	37.718	2089117.882	6023234.375		2267.936	RS-700	0.75431389937
8718	9/12/2019 10:18:41		-122.362	37.718	2089115.387	6023237.131		2249.273	RS-700	0.15622671554
8719	9/12/2019 10:18:42		-122.362	37.718	2089113.882	6023239.532		2537.923	RS-700	1.00270736070
8720	9/12/2019 10:18:43		-122.362	37.718	2089112.648	6023241.185		2562.462	RS-700	1.07466938416
8721	9/12/2019 10:18:44		-122.362	37.718	2089113.331	6023241.604		2172.110	RS-700	-0.07005791789
8722	9/12/2019 10:18:45		-122.362	37.718	2089112.541	6023242.861		1974.797	RS-700	-0.64868782991

Gamma Scan Survey Results
Survey Unit 4 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
8723	9/12/2019 10:18:46		-122.362	37.718	2089112.767	6023242.518		2129.663	RS-700	-0.19453812317
8724	9/12/2019 10:18:47		-122.362	37.718	2089113.068	6023242.032		2395.105	RS-700	0.58388436950
8725	9/12/2019 10:18:48		-122.362	37.718	2089113.671	6023241.003		2601.671	RS-700	1.18965017595
8726	9/12/2019 10:18:49		-122.362	37.718	2089114.796	6023239.376		2443.370	RS-700	0.72542636364
8727	9/12/2019 10:18:50		-122.362	37.718	2089116.099	6023237.956		2351.076	RS-700	0.45476771261
8728	9/12/2019 10:18:51		-122.362	37.718	2089116.770	6023237.159		2250.919	RS-700	0.16105334311
8729	9/12/2019 10:18:52		-122.362	37.718	2089117.029	6023236.991		2183.465	RS-700	-0.03676061584
8730	9/12/2019 10:18:53		-122.362	37.718	2089117.103	6023236.905		2224.579	RS-700	0.08380947214
8731	9/12/2019 10:18:54		-122.362	37.718	2089117.255	6023236.590		2246.488	RS-700	0.14805747801
8732	9/12/2019 10:18:55		-122.362	37.718	2089117.856	6023235.676		2178.660	RS-700	-0.05085158358
8733	9/12/2019 10:18:56		-122.362	37.718	2089117.967	6023235.563		2195.015	RS-700	-0.00288988270
8734	9/12/2019 10:18:57		-122.362	37.718	2089117.033	6023236.788		2265.821	RS-700	0.20475304985
8735	9/12/2019 10:18:58		-122.362	37.718	2089116.314	6023238.134		2429.236	RS-700	0.68397574780
8736	9/12/2019 10:18:59		-122.362	37.718	2089114.978	6023239.380		2640.485	RS-700	1.30347475073
8737	9/12/2019 10:19:00		-122.362	37.718	2089113.672	6023240.974		2274.593	RS-700	0.23047885631
8738	9/12/2019 10:19:01		-122.362	37.718	2089112.110	6023242.592		1729.794	RS-700	-1.36717275660
8739	9/12/2019 10:19:02		-122.362	37.718	2089110.806	6023244.041		1594.336	RS-700	-1.76441196481
8740	9/12/2019 10:19:03		-122.362	37.718	2089109.827	6023245.671		2035.240	RS-700	-0.47143601173
8741	9/12/2019 10:19:04		-122.362	37.718	2089108.488	6023247.062		2457.132	RS-700	0.76578281525
8742	9/12/2019 10:19:05		-122.362	37.718	2089107.173	6023249.119		2456.814	RS-700	0.76485181818
8743	9/12/2019 10:19:06		-122.362	37.718	2089105.196	6023251.452		2095.457	RS-700	-0.33046201258
8744	9/12/2019 10:19:07		-122.362	37.718	2089103.071	6023253.926		2174.004	RS-700	0.16354704403
8745	9/12/2019 10:19:08		-122.362	37.718	2089100.665	6023255.846		2140.558	RS-700	-0.04680446541
8746	9/12/2019 10:19:09		-122.362	37.718	2089098.875	6023257.980		2186.007	RS-700	0.23903691824
8747	9/12/2019 10:19:10		-122.362	37.718	2089097.161	6023259.942		2078.537	RS-700	-0.43687597484
8748	9/12/2019 10:19:11		-122.362	37.718	2089095.339	6023261.786		2005.421	RS-700	-0.89672169811
8749	9/12/2019 10:19:12		-122.362	37.718	2089093.912	6023263.985		1985.616	RS-700	-1.02128383648
8750	9/12/2019 10:19:13		-122.362	37.718	2089092.447	6023266.213		2095.334	RS-700	-0.33123377359
8751	9/12/2019 10:19:14		-122.362	37.718	2089090.947	6023268.411		2103.077	RS-700	-0.28253270440
8752	9/12/2019 10:19:15		-122.362	37.718	2089089.410	6023270.608		2094.829	RS-700	-0.33441188679
8753	9/12/2019 10:19:16		-122.361	37.718	2089087.764	6023272.774		2041.037	RS-700	-0.67272113208
8754	9/12/2019 10:19:17		-122.361	37.718	2089086.409	6023274.974		2057.059	RS-700	-0.57195867925
8755	9/12/2019 10:19:18		-122.361	37.718	2089085.026	6023276.798		2107.753	RS-700	-0.25312584906
8756	9/12/2019 10:19:19		-122.361	37.718	2089084.039	6023278.804		2117.977	RS-700	-0.18882591195
8757	9/12/2019 10:19:20		-122.361	37.718	2089082.062	6023281.166		2108.654	RS-700	-0.24745723270
8758	9/12/2019 10:19:21		-122.361	37.718	2089081.559	6023282.602		2133.302	RS-700	-0.09243918239
8759	9/12/2019 10:19:22		-122.361	37.718	2089080.031	6023284.394		2148.672	RS-700	0.00422559748
8760	9/12/2019 10:19:23		-122.361	37.718	2089077.183	6023286.565		2075.838	RS-700	-0.45384647799
8761	9/12/2019 10:19:24		-122.361	37.718	2089075.408	6023287.919		2144.091	RS-700	-0.02458396226
8762	9/12/2019 10:19:25		-122.361	37.718	2089074.656	6023289.119		2148.428	RS-700	0.00269018868
8763	9/12/2019 10:19:26		-122.361	37.717	2089072.764	6023290.846		2098.772	RS-700	-0.30960943396
8764	9/12/2019 10:19:27		-122.361	37.717	2089071.014	6023292.778		2153.665	RS-700	0.03562817610
8765	9/12/2019 10:19:28		-122.361	37.717	2089069.378	6023294.482		2181.677	RS-700	0.21180427673
8766	9/12/2019 10:19:29		-122.361	37.717	2089068.250	6023296.253		2202.575	RS-700	0.34324194969
8767	9/12/2019 10:19:30		-122.361	37.717	2089066.869	6023297.932		2071.643	RS-700	-0.48023358491
8768	9/12/2019 10:19:31		-122.361	37.717	2089065.484	6023299.814		2147.673	RS-700	-0.00205572327
8769	9/12/2019 10:19:32		-122.361	37.717	2089064.137	6023301.610		2057.741	RS-700	-0.56766710692
8770	9/12/2019 10:19:33		-122.361	37.717	2089062.719	6023303.346		2070.063	RS-700	-0.49016735849
8771	9/12/2019 10:19:34		-122.361	37.717	2089061.114	6023305.282		2080.159	RS-700	-0.42667415094
8772	9/12/2019 10:19:35		-122.361	37.717	2089059.470	6023307.390		2004.121	RS-700	-0.90489924528
8773	9/12/2019 10:19:36		-122.361	37.717	2089057.754	6023309.439		2113.654	RS-700	-0.21601226415
8774	9/12/2019 10:19:37		-122.361	37.717	2089056.038	6023311.488		1964.311	RS-700	-1.15527748428
8775	9/12/2019 10:19:38		-122.361	37.717	2089054.466	6023313.597		1987.915	RS-700	-1.00682584906
8776	9/12/2019 10:19:39		-122.361	37.717	2089052.894	6023315.736		2008.522	RS-700	-0.87721823899
8777	9/12/2019 10:19:40		-122.361	37.717	2089051.358	6023317.875		2113.070	RS-700	-0.21968597484
8778	9/12/2019 10:19:41		-122.361	37.717	2089049.531	6023320.008		2014.617	RS-700	-0.83888698113
8779	9/12/2019 10:19:42		-122.361	37.717	2089047.817	6023321.999		2003.022	RS-700	-0.91181012579
8780	9/12/2019 10:19:43		-122.361	37.717	2089045.994	6023323.930		2059.155	RS-700	-0.55877528302
8781	9/12/2019 10:19:44		-122.361	37.717	2089044.246	6023325.747		1989.218	RS-700	-0.99862924528
8782	9/12/2019 10:19:45		-122.361	37.717	2089042.423	6023327.649		2039.737	RS-700	-0.68090050315
8783	9/12/2019 10:19:46		-122.361	37.717	2089040.670	6023329.726		1964.811	RS-700	-1.15213415094

Gamma Scan Survey Results
Survey Unit 4 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
8784	9/12/2019 10:19:47		-122.361	37.717	2089038.990	6023331.805		2065.548	RS-700	-0.51856301887
8785	9/12/2019 10:19:48		-122.361	37.717	2089037.419	6023333.914		2092.439	RS-700	-0.34943955975
8786	9/12/2019 10:19:49		-122.361	37.717	2089035.779	6023335.791		1984.429	RS-700	-1.02874748428
8787	9/12/2019 10:19:50		-122.361	37.717	2089034.143	6023337.465		2103.654	RS-700	-0.27890735849
8788	9/12/2019 10:19:51		-122.361	37.717	2089032.427	6023339.514		1968.385	RS-700	-1.12965327044
8789	9/12/2019 10:19:52		-122.361	37.717	2089030.853	6023341.740		1966.417	RS-700	-1.14203226415
8790	9/12/2019 10:19:53		-122.361	37.717	2089029.316	6023343.937		2047.721	RS-700	-0.63068823899
8791	9/12/2019 10:19:54		-122.361	37.717	2089027.821	6023345.903		2072.751	RS-700	-0.47326698113
8792	9/12/2019 10:19:55		-122.361	37.717	2089026.216	6023347.838		2044.045	RS-700	-0.65380641509
8793	9/12/2019 10:19:56		-122.361	37.717	2089024.535	6023349.975		1999.419	RS-700	-0.93446874214
8794	9/12/2019 10:19:57		-122.361	37.717	2089022.961	6023352.171		1944.313	RS-700	-1.28104937107
8795	9/12/2019 10:19:58		-122.361	37.717	2089021.355	6023354.193		1937.502	RS-700	-1.32388660377
8796	9/12/2019 10:19:59		-122.361	37.717	2089019.823	6023356.159		1983.620	RS-700	-1.03383540881
8797	9/12/2019 10:20:00		-122.361	37.717	2089018.288	6023358.240		2049.430	RS-700	-0.61993767296
8798	9/12/2019 10:20:01		-122.361	37.717	2089016.607	6023360.377		2063.743	RS-700	-0.52991735849
8799	9/12/2019 10:20:02		-122.361	37.717	2089014.887	6023362.628		2153.503	RS-700	0.03461207547
8800	9/12/2019 10:20:03		-122.361	37.717	2089013.208	6023364.649		1992.322	RS-700	-0.97910672956
8801	9/12/2019 10:20:04		-122.361	37.717	2089011.893	6023366.676		2024.032	RS-700	-0.77967088050
8802	9/12/2019 10:20:05		-122.361	37.717	2089010.288	6023368.641		1993.621	RS-700	-0.97093628931
8803	9/12/2019 10:20:06		-122.361	37.717	2089008.756	6023370.606		1918.172	RS-700	-1.44545635220
8804	9/12/2019 10:20:07		-122.361	37.717	2089007.331	6023372.661		1961.093	RS-700	-1.17551371069
8805	9/12/2019 10:20:08		-122.361	37.717	2089005.764	6023374.539		2021.716	RS-700	-0.79424025157
8806	9/12/2019 10:20:09		-122.361	37.717	2089004.195	6023376.504		2035.736	RS-700	-0.70606088050
8807	9/12/2019 10:20:10		-122.361	37.717	2089002.659	6023378.644		2064.746	RS-700	-0.52360817610
8808	9/12/2019 10:20:11		-122.361	37.717	2089001.194	6023380.900		2113.868	RS-700	-0.21466503145
8809	9/12/2019 10:20:12		-122.361	37.717	2088999.515	6023382.921		2164.887	RS-700	0.10620490566
8810	9/12/2019 10:20:13		-122.361	37.717	2088997.872	6023384.942		2092.279	RS-700	-0.35044534591
8811	9/12/2019 10:20:14		-122.361	37.717	2088996.410	6023387.054		2133.980	RS-700	-0.08817823899
8812	9/12/2019 10:20:15		-122.361	37.717	2088994.802	6023389.163		2095.872	RS-700	-0.32784748428
8813	9/12/2019 10:20:16		-122.361	37.717	2088993.267	6023391.273		2140.199	RS-700	-0.04906000000
8814	9/12/2019 10:20:17		-122.361	37.717	2088991.804	6023393.442		2173.106	RS-700	0.15789880503
8815	9/12/2019 10:20:18		-122.361	37.717	2088990.266	6023395.697		2081.536	RS-700	-0.41801490566
8816	9/12/2019 10:20:19		-122.361	37.717	2088988.689	6023398.038		2140.666	RS-700	-0.04612283019
8817	9/12/2019 10:20:20		-122.361	37.717	2088987.260	6023400.324		2150.450	RS-700	0.01541056604
8818	9/12/2019 10:20:21		-122.361	37.717	2088985.686	6023402.578		2091.750	RS-700	-0.35377314465
8819	9/12/2019 10:20:22		-122.361	37.717	2088984.076	6023404.774		2118.665	RS-700	-0.18449823899
8820	9/12/2019 10:20:23		-122.361	37.717	2088982.321	6023406.967		2025.039	RS-700	-0.77334138365
8821	9/12/2019 10:20:24		-122.361	37.717	2088980.638	6023409.161		2029.730	RS-700	-0.74383911950
8822	9/12/2019 10:20:25		-122.361	37.717	2088979.066	6023411.299		2023.136	RS-700	-0.78530610063
8823	9/12/2019 10:20:26		-122.361	37.717	2088977.565	6023413.526		2100.429	RS-700	-0.29919176101
8824	9/12/2019 10:20:27		-122.361	37.717	2088976.173	6023415.755		2123.297	RS-700	-0.15536251572
8825	9/12/2019 10:20:28		-122.361	37.717	2088974.855	6023417.928		2107.544	RS-700	-0.25443943396
8826	9/12/2019 10:20:29		-122.361	37.717	2088973.431	6023419.953		2035.142	RS-700	-0.70980050315
8827	9/12/2019 10:20:30		-122.361	37.717	2088971.792	6023421.772		2038.825	RS-700	-0.68663477987
8828	9/12/2019 10:20:31		-122.361	37.717	2088970.774	6023423.517		1985.007	RS-700	-1.02511188679
8829	9/12/2019 10:20:32		-122.361	37.717	2088969.760	6023425.059		2101.079	RS-700	-0.29509880503
8830	9/12/2019 10:20:33		-122.361	37.717	2088968.406	6023427.231		2198.577	RS-700	0.31809509434
8831	9/12/2019 10:20:34		-122.361	37.717	2088966.475	6023429.131		2129.768	RS-700	-0.11466817610
8832	9/12/2019 10:20:35		-122.361	37.717	2088964.941	6023431.183		2193.679	RS-700	0.28729031447
8833	9/12/2019 10:20:36		-122.361	37.717	2088963.262	6023433.204		2190.678	RS-700	0.26841308176
8834	9/12/2019 10:20:37		-122.361	37.717	2088961.335	6023434.872		2187.675	RS-700	0.24952893082
8835	9/12/2019 10:20:38		-122.361	37.717	2088959.264	6023436.422		2198.571	RS-700	0.31805452830
8836	9/12/2019 10:20:39		-122.361	37.717	2088957.230	6023438.002		2115.871	RS-700	-0.20206830189
8837	9/12/2019 10:20:40		-122.361	37.717	2088955.232	6023439.582		2093.659	RS-700	-0.34176704403
8838	9/12/2019 10:20:41		-122.361	37.717	2088953.307	6023441.135		2171.447	RS-700	0.14746786164
8839	9/12/2019 10:20:42		-122.361	37.717	2088951.500	6023442.256		2133.335	RS-700	-0.09223522013
8840	9/12/2019 10:20:43		-122.361	37.717	2088949.979	6023443.673		2044.534	RS-700	-0.65072685535
8841	9/12/2019 10:20:44		-122.361	37.717	2088948.996	6023445.476		2010.825	RS-700	-0.86273327044
8842	9/12/2019 10:20:45		-122.361	37.717	2088947.681	6023447.504		2060.749	RS-700	-0.54874761006
8843	9/12/2019 10:20:46		-122.361	37.717	2088946.434	6023449.764		2030.542	RS-700	-0.73872867925
8844	9/12/2019 10:20:47		-122.361	37.717	2088945.260	6023452.055		1964.909	RS-700	-1.15151509434

Gamma Scan Survey Results
Survey Unit 4 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
8845	9/12/2019 10:20:48		-122.361	37.717	2088944.376	6023454.381		2070.363	RS-700	-0.48828100629
8846	9/12/2019 10:20:49		-122.361	37.717	2088943.278	6023456.500		2088.228	RS-700	-0.37592188679
8847	9/12/2019 10:20:50		-122.361	37.717	2088941.927	6023458.498		2134.195	RS-700	-0.08682641509
8848	9/12/2019 10:20:51		-122.361	37.717	2088940.326	6023460.260		2081.153	RS-700	-0.42042006289
8849	9/12/2019 10:20:52		-122.361	37.717	2088938.865	6023462.314		2044.324	RS-700	-0.65204861635
8850	9/12/2019 10:20:53		-122.361	37.717	2088937.585	6023464.372		2066.474	RS-700	-0.51274113208
8851	9/12/2019 10:20:54		-122.361	37.717	2088936.339	6023466.604		2041.943	RS-700	-0.66702666667
8852	9/12/2019 10:20:55		-122.361	37.717	2088934.878	6023468.658		2216.798	RS-700	0.43269484277
8853	9/12/2019 10:20:56		-122.361	37.717	2088933.594	6023470.946		2214.682	RS-700	0.41938176101
8854	9/12/2019 10:20:57		-122.361	37.717	2088931.918	6023472.822		2143.995	RS-700	-0.02518830189
8855	9/12/2019 10:20:58		-122.361	37.717	2088930.129	6023474.870		2105.649	RS-700	-0.26635830189
8856	9/12/2019 10:20:59		-122.361	37.717	2088928.338	6023477.033		2108.763	RS-700	-0.24677603774
8857	9/12/2019 10:21:00		-122.361	37.717	2088926.620	6023479.198		2112.079	RS-700	-0.22591949686
8858	9/12/2019 10:21:01		-122.361	37.717	2088924.866	6023481.332		2121.866	RS-700	-0.16436591195
8859	9/12/2019 10:21:02		-122.361	37.717	2088923.364	6023483.588		1967.720	RS-700	-1.13383672956
8860	9/12/2019 10:21:03		-122.361	37.717	2088921.868	6023485.555		2065.835	RS-700	-0.51676000000
8861	9/12/2019 10:21:04		-122.361	37.717	2088920.340	6023487.318		2094.070	RS-700	-0.33918226415
8862	9/12/2019 10:21:05		-122.361	37.717	2088918.663	6023489.223		2239.584	RS-700	0.57599937107
8863	9/12/2019 10:21:06		-122.361	37.717	2088917.164	6023491.334		2178.795	RS-700	0.19367930818
8864	9/12/2019 10:21:07		-122.361	37.717	2088915.743	6023493.215		2086.065	RS-700	-0.38952911950
8865	9/12/2019 10:21:08		-122.361	37.717	2088914.355	6023495.270		2106.958	RS-700	-0.25812792453
8866	9/12/2019 10:21:09		-122.361	37.717	2088912.712	6023497.321		2174.116	RS-700	0.16425327044
8867	9/12/2019 10:21:10		-122.361	37.717	2088911.138	6023499.517		2232.805	RS-700	0.53336383648
8868	9/12/2019 10:21:11		-122.361	37.717	2088909.494	6023501.625		2230.918	RS-700	0.52149647799
8869	9/12/2019 10:21:12		-122.361	37.717	2088907.630	6023503.787		2258.452	RS-700	0.69466610063
8870	9/12/2019 10:21:13		-122.361	37.717	2088905.839	6023505.950		2253.044	RS-700	0.66065100629
8871	9/12/2019 10:21:14		-122.361	37.717	2088904.158	6023508.057		2200.685	RS-700	0.33134987421
8872	9/12/2019 10:21:15		-122.361	37.717	2088902.475	6023510.280		2117.393	RS-700	-0.19249471698
8873	9/12/2019 10:21:16		-122.361	37.717	2088900.790	6023512.619		2044.347	RS-700	-0.65190660377
8874	9/12/2019 10:21:17		-122.361	37.717	2088899.325	6023514.847		2134.772	RS-700	-0.08319805031
8875	9/12/2019 10:21:18		-122.361	37.717	2088897.859	6023517.132		2148.089	RS-700	0.00056050314
8876	9/12/2019 10:21:19		-122.361	37.717	2088895.922	6023519.321		2015.030	RS-700	-0.83629037736
8877	9/12/2019 10:21:20		-122.361	37.717	2088894.018	6023521.684		2101.550	RS-700	-0.29214000000
8878	9/12/2019 10:21:21		-122.361	37.717	2088892.299	6023523.878		1990.017	RS-700	-0.99360509434
8879	9/12/2019 10:21:22		-122.361	37.717	2088890.909	6023526.020		1838.845	RS-700	-1.94436798742
8880	9/12/2019 10:21:23		-122.361	37.717	2088889.272	6023527.752		2127.336	RS-700	-0.12996232704
8881	9/12/2019 10:21:24		-122.361	37.717	2088888.147	6023529.350		1941.791	RS-700	-1.29691194969
8882	9/12/2019 10:21:25		-122.361	37.717	2088886.583	6023531.084		1918.722	RS-700	-1.44200037736
8883	9/12/2019 10:21:26		-122.361	37.717	2088884.580	6023532.924		1957.092	RS-700	-1.20067647799
8884	9/12/2019 10:21:27		-122.361	37.717	2088882.580	6023534.620		1972.623	RS-700	-1.10299767296
8885	9/12/2019 10:21:28		-122.361	37.717	2088880.693	6023536.087		1931.689	RS-700	-1.36044446541
8886	9/12/2019 10:21:29		-122.361	37.717	2088878.984	6023537.789		2035.840	RS-700	-0.70540836478
8887	9/12/2019 10:21:30		-122.361	37.717	2088877.131	6023539.430		1975.713	RS-700	-1.08356836478
8888	9/12/2019 10:21:31		-122.361	37.717	2088875.176	6023540.664		2083.444	RS-700	-0.40601547170
8889	9/12/2019 10:21:32		-122.361	37.717	2088873.259	6023541.812		2011.731	RS-700	-0.85703528302
8890	9/12/2019 10:21:33		-122.361	37.717	2088871.555	6023543.283		1976.615	RS-700	-1.07789113208
8891	9/12/2019 10:21:34		-122.361	37.717	2088870.211	6023544.905		2018.629	RS-700	-0.81365572327
8892	9/12/2019 10:21:35		-122.361	37.717	2088868.941	6023546.500		2026.933	RS-700	-0.76142509434
8893	9/12/2019 10:21:36		-122.361	37.717	2088867.596	6023548.209		2069.869	RS-700	-0.49139238994
8894	9/12/2019 10:21:37		-122.361	37.717	2088866.214	6023549.975		2093.754	RS-700	-0.34116924528
8895	9/12/2019 10:21:38		-122.361	37.717	2088864.717	6023551.971		2102.205	RS-700	-0.28802144654
8896	9/12/2019 10:21:39		-122.361	37.717	2088863.183	6023554.052		2060.861	RS-700	-0.54804138365
8897	9/12/2019 10:21:40		-122.361	37.717	2088861.646	6023556.220		1907.880	RS-700	-1.51018842767
8898	9/12/2019 10:21:41		-122.360	37.717	2088860.149	6023558.245		1187.082	RS-700	-6.04351157233
8899	9/12/2019 10:21:42		-122.360	37.717	2088858.503	6023560.439		1189.303	RS-700	-6.02954264151
8900	9/12/2019 10:21:43		-122.360	37.717	2088856.784	6023562.662		1879.413	RS-700	-1.68922452830
8901	9/12/2019 10:21:44		-122.360	37.717	2088855.244	6023565.003		2092.439	RS-700	-0.34943729560
8902	9/12/2019 10:21:45		-122.360	37.717	2088853.887	6023567.320		2122.662	RS-700	-0.15935867925
8903	9/12/2019 10:21:46		-122.360	37.717	2088852.569	6023569.521		2082.855	RS-700	-0.40971446541
8904	9/12/2019 10:21:47		-122.360	37.717	2088850.961	6023571.601		2095.863	RS-700	-0.32790276730
8905	9/12/2019 10:21:48		-122.360	37.717	2088849.318	6023573.652		2132.412	RS-700	-0.09803886792

Gamma Scan Survey Results
Survey Unit 4 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
8906	9/12/2019 10:21:49		-122.360	37.717	2088847.711	6023575.703		2132.089	RS-700	-0.10006823899
8907	9/12/2019 10:21:50		-122.360	37.717	2088846.180	6023577.639		2137.095	RS-700	-0.06858226415
8908	9/12/2019 10:21:51		-122.360	37.717	2088844.431	6023579.485		2066.536	RS-700	-0.51234924528
8909	9/12/2019 10:21:52		-122.360	37.717	2088842.643	6023581.504		2020.627	RS-700	-0.80108566038
8910	9/12/2019 10:21:53		-122.360	37.717	2088840.780	6023583.636		2028.031	RS-700	-0.75452515723
8911	9/12/2019 10:21:54		-122.360	37.717	2088839.061	6023585.830		2082.093	RS-700	-0.41451100629
8912	9/12/2019 10:21:55		-122.360	37.717	2088837.344	6023587.937		2002.321	RS-700	-0.91622176101
8913	9/12/2019 10:21:56		-122.360	37.717	2088835.627	6023590.014		1975.515	RS-700	-1.08480880503
8914	9/12/2019 10:21:57		-122.360	37.717	2088833.983	6023592.094		2018.942	RS-700	-0.81168358491
8915	9/12/2019 10:21:58		-122.360	37.717	2088832.229	6023594.229		2050.058	RS-700	-0.61599018868
8916	9/12/2019 10:21:59		-122.360	37.717	2088830.474	6023596.421		2038.837	RS-700	-0.68655723270
8917	9/12/2019 10:22:00		-122.360	37.717	2088828.753	6023598.702		1965.413	RS-700	-1.14834515723
8918	9/12/2019 10:22:01		-122.360	37.717	2088827.106	6023600.925		2005.220	RS-700	-0.89798584906
8919	9/12/2019 10:22:02		-122.360	37.717	2088825.460	6023603.149		1982.517	RS-700	-1.04077402516
8920	9/12/2019 10:22:03		-122.360	37.717	2088823.782	6023605.112		2093.436	RS-700	-0.34317207547
8921	9/12/2019 10:22:04		-122.360	37.717	2088822.071	6023606.901		2021.129	RS-700	-0.79792811321
8922	9/12/2019 10:22:05		-122.360	37.717	2088820.695	6023608.320		2002.727	RS-700	-0.91366830189
8923	9/12/2019 10:22:06		-122.360	37.717	2088820.025	6023609.088		1942.987	RS-700	-1.28939144654
8924	9/12/2019 10:22:07		-122.360	37.717	2088819.800	6023609.372		2087.072	RS-700	-0.38319207547
8925	9/12/2019 10:22:08		-122.360	37.717	2088819.875	6023609.287		2005.617	RS-700	-0.89548748428
8926	9/12/2019 10:22:09		-122.360	37.717	2088819.950	6023609.202		2035.375	RS-700	-0.70833534591
8927	9/12/2019 10:22:10		-122.360	37.717	2088820.769	6023608.292		2045.538	RS-700	-0.64441314465
8928	9/12/2019 10:22:11		-122.360	37.717	2088821.405	6023607.437		1979.120	RS-700	-1.06213559748
8929	9/12/2019 10:22:12		-122.360	37.717	2088822.155	6023606.353		2008.020	RS-700	-0.88037427673
8930	9/12/2019 10:22:13		-122.360	37.717	2088822.641	6023605.697		2057.760	RS-700	-0.56754949686
8931	9/12/2019 10:22:14		-122.360	37.717	2088822.792	6023605.468		1963.512	RS-700	-1.16030176101
8932	9/12/2019 10:22:15		-122.360	37.717	2088822.422	6023605.722		1997.919	RS-700	-0.94390792453
8933	9/12/2019 10:22:16		-122.360	37.717	2088822.160	6023606.092		2108.653	RS-700	-0.24746842767
8934	9/12/2019 10:22:17		-122.360	37.717	2088821.591	6023607.238		2069.231	RS-700	-0.49540295598
8935	9/12/2019 10:22:18		-122.360	37.717	2088819.915	6023609.085		2033.837	RS-700	-0.71800761006
8936	9/12/2019 10:22:19		-122.360	37.717	2088817.835	6023611.156		2031.944	RS-700	-0.72990886793
8937	9/12/2019 10:22:20		-122.360	37.717	2088815.644	6023613.253		2035.038	RS-700	-0.71045534591
8938	9/12/2019 10:22:21		-122.360	37.717	2088813.606	6023615.007		2030.635	RS-700	-0.73814452830
8939	9/12/2019 10:22:22		-122.360	37.717	2088810.867	6023617.238		2062.054	RS-700	-0.54054295598
8940	9/12/2019 10:22:23		-122.360	37.717	2088808.977	6023618.907		2035.451	RS-700	-0.70785742138
8941	9/12/2019 10:22:24		-122.360	37.717	2088807.233	6023620.492		1963.002	RS-700	-1.16350723270
8942	9/12/2019 10:22:25		-122.360	37.717	2088806.302	6023621.544		2113.983	RS-700	-0.21394213837
8943	9/12/2019 10:22:26		-122.360	37.717	2088804.808	6023623.395		1965.512	RS-700	-1.14772566038
8944	9/12/2019 10:22:27		-122.360	37.717	2088803.237	6023625.505		2031.434	RS-700	-0.73311654088
8945	9/12/2019 10:22:28		-122.360	37.717	2088801.445	6023627.726		1980.709	RS-700	-1.05214251572
8946	9/12/2019 10:22:29		-122.360	37.717	2088799.645	6023630.294		1965.712	RS-700	-1.14646735849
8947	9/12/2019 10:22:30		-122.360	37.717	2088797.779	6023632.571		1978.103	RS-700	-1.06853295597
8948	9/12/2019 10:22:31		-122.360	37.717	2088795.876	6023634.876		1885.402	RS-700	-1.65155874214
8949	9/12/2019 10:22:32		-122.360	37.717	2088794.009	6023637.212		2085.482	RS-700	-0.39319534591
8950	9/12/2019 10:22:33		-122.360	37.717	2088792.216	6023639.462		1996.924	RS-700	-0.95016232704
8951	9/12/2019 10:22:34		-122.360	37.717	2088790.495	6023641.742		2062.636	RS-700	-0.53688075472
8952	9/12/2019 10:22:35		-122.360	37.717	2088788.451	6023643.813		2096.446	RS-700	-0.32424138365
8953	9/12/2019 10:22:36		-122.360	37.717	2088786.404	6023646.029		2006.531	RS-700	-0.88973918239
8954	9/12/2019 10:22:37		-122.360	37.717	2088784.354	6023648.360		2023.727	RS-700	-0.78159207547
8955	9/12/2019 10:22:38		-122.360	37.717	2088782.342	6023650.693		1973.710	RS-700	-1.09616314465
8956	9/12/2019 10:22:39		-122.360	37.717	2088780.328	6023653.054		1998.825	RS-700	-0.93820962264
8957	9/12/2019 10:22:40		-122.360	37.717	2088778.351	6023655.387		1957.804	RS-700	-1.19619874214
8958	9/12/2019 10:22:41		-122.360	37.717	2088776.446	6023657.779		2011.320	RS-700	-0.85962226415
8959	9/12/2019 10:22:42		-122.360	37.717	2088774.362	6023660.023		2031.631	RS-700	-0.73187886793
8960	9/12/2019 10:22:43		-122.360	37.717	2088772.649	6023661.928		2053.153	RS-700	-0.59652515723
8961	9/12/2019 10:22:44		-122.360	37.717	2088771.009	6023663.804		1994.022	RS-700	-0.96841723270
8962	9/12/2019 10:22:45		-122.360	37.717	2088769.334	6023665.652		1973.799	RS-700	-1.09560075472
8963	9/12/2019 10:22:46		-122.360	37.717	2088767.658	6023667.499		2056.137	RS-700	-0.57775641509
8964	9/12/2019 10:22:47		-122.360	37.717	2088766.199	6023669.466		1923.791	RS-700	-1.41011981132
8965	9/12/2019 10:22:48		-122.360	37.717	2088764.809	6023671.579		1878.679	RS-700	-1.69384176101
8966	9/12/2019 10:22:49		-122.360	37.717	2088763.056	6023673.685		2051.811	RS-700	-0.60496371069

Gamma Scan Survey Results
Survey Unit 4 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
8967	9/12/2019 10:22:50		-122.360	37.717	2088761.411	6023675.822		1951.998	RS-700	-1.23271754717
8968	9/12/2019 10:22:51		-122.360	37.717	2088759.839	6023677.932		1959.610	RS-700	-1.18484037736
8969	9/12/2019 10:22:52		-122.360	37.717	2088758.121	6023680.097		2025.830	RS-700	-0.76836729560
8970	9/12/2019 10:22:53		-122.360	37.717	2088756.479	6023682.089		2004.724	RS-700	-0.90110616352
8971	9/12/2019 10:22:54		-122.360	37.717	2088754.584	6023683.990		2052.957	RS-700	-0.59775270440
8972	9/12/2019 10:22:55		-122.360	37.717	2088752.869	6023685.981		1965.315	RS-700	-1.14896314465
8973	9/12/2019 10:22:56		-122.360	37.717	2088751.222	6023688.205		2036.162	RS-700	-0.70338660377
8974	9/12/2019 10:22:57		-122.360	37.717	2088749.579	6023690.284		1958.806	RS-700	-1.18989874214
8975	9/12/2019 10:22:58		-122.360	37.717	2088747.862	6023692.362		1905.879	RS-700	-1.52277477987
8976	9/12/2019 10:22:59		-122.360	37.717	2088746.330	6023694.299		1389.642	RS-700	-4.76954553459
8977	9/12/2019 10:23:00		-122.360	37.717	2088745.094	6023696.039		1010.418	RS-700	-7.15460207547
8978	9/12/2019 10:23:01		-122.360	37.717	2088744.120	6023697.408		1045.282	RS-700	-6.93533037736
8979	9/12/2019 10:23:02		-122.360	37.717	2088743.040	6023698.602		1380.432	RS-700	-4.82747264151
8980	9/12/2019 10:23:03		-122.360	37.717	2088741.742	6023699.791		1753.070	RS-700	-2.48383616352
8981	9/12/2019 10:23:04		-122.360	37.717	2088740.760	6023701.565		1952.510	RS-700	-1.22949754717
8982	9/12/2019 10:23:05		-122.360	37.717	2088739.707	6023703.222		1923.084	RS-700	-1.41456345912
8983	9/12/2019 10:23:06		-122.360	37.717	2088738.433	6023705.019		1467.521	RS-700	-4.27973937107
8984	9/12/2019 10:23:07		-122.360	37.717	2088737.155	6023706.990		1795.588	RS-700	-2.21642691824
8985	9/12/2019 10:23:08		-122.360	37.717	2088735.218	6023709.208		2020.650	RS-700	-0.80094566038
8986	9/12/2019 10:23:09		-122.360	37.717	2088734.197	6023711.097		1974.717	RS-700	-1.08982855346
8987	9/12/2019 10:23:10		-122.360	37.717	2088732.699	6023713.151		1951.409	RS-700	-1.23642157233
8988	9/12/2019 10:23:11		-122.360	37.717	2088731.240	6023715.089		2069.844	RS-700	-0.49154685535
8989	9/12/2019 10:23:12		-122.360	37.717	2088729.782	6023716.998		2019.233	RS-700	-0.80985685535
8990	9/12/2019 10:23:13		-122.360	37.717	2088728.323	6023718.966		1967.005	RS-700	-1.13833056604
8991	9/12/2019 10:23:14		-122.360	37.717	2088726.825	6023721.019		2074.059	RS-700	-0.46503767296
8992	9/12/2019 10:23:15		-122.360	37.717	2088725.252	6023723.186		2066.849	RS-700	-0.51038144654
8993	9/12/2019 10:23:16		-122.360	37.717	2088723.718	6023725.268		2003.129	RS-700	-0.91113798742
8994	9/12/2019 10:23:17		-122.360	37.717	2088722.110	6023727.377		2028.443	RS-700	-0.75192911950
8995	9/12/2019 10:23:18		-122.360	37.717	2088720.502	6023729.485		1989.718	RS-700	-0.99548415094
8996	9/12/2019 10:23:19		-122.360	37.717	2088718.895	6023731.537		2039.635	RS-700	-0.68154006289
8997	9/12/2019 10:23:20		-122.360	37.717	2088717.215	6023733.615		1976.892	RS-700	-1.07615207547
8998	9/12/2019 10:23:21		-122.360	37.717	2088715.609	6023735.608		2062.952	RS-700	-0.53489377359
8999	9/12/2019 10:23:22		-122.360	37.717	2088714.150	6023737.547		1908.685	RS-700	-1.50512591195
9000	9/12/2019 10:23:23		-122.360	37.717	2088712.545	6023739.511		1999.719	RS-700	-0.93258622642
9001	9/12/2019 10:23:24		-122.360	37.717	2088710.941	6023741.446		1927.984	RS-700	-1.38374930818
9002	9/12/2019 10:23:25		-122.360	37.717	2088709.264	6023743.380		2037.449	RS-700	-0.69528729560
9003	9/12/2019 10:23:26		-122.360	37.717	2088707.735	6023745.172		1978.515	RS-700	-1.06594251572
9004	9/12/2019 10:23:27		-122.360	37.717	2088706.205	6023746.994		1951.410	RS-700	-1.23641603774
9005	9/12/2019 10:23:28		-122.360	37.717	2088704.785	6023748.846		1983.814	RS-700	-1.03261691824
9006	9/12/2019 10:23:29		-122.360	37.717	2088703.363	6023750.727		1900.969	RS-700	-1.55365245283
9007	9/12/2019 10:23:30		-122.360	37.717	2088701.978	6023752.638		2004.727	RS-700	-0.90108874214
9008	9/12/2019 10:23:31		-122.360	37.716	2088700.480	6023754.720		2040.605	RS-700	-0.67544094340
9009	9/12/2019 10:23:32		-122.360	37.716	2088698.028	6023757.159		2019.829	RS-700	-0.80610509434
9010	9/12/2019 10:23:33		-122.360	37.716	2088697.303	6023758.823		1979.724	RS-700	-1.05833698113
9011	9/12/2019 10:23:34		-122.360	37.716	2088695.697	6023760.816		2048.741	RS-700	-0.62427327044
9012	9/12/2019 10:23:35		-122.360	37.716	2088694.054	6023762.866		2030.528	RS-700	-0.73881798742
9013	9/12/2019 10:23:36		-122.360	37.716	2088692.338	6023764.915		2016.838	RS-700	-0.82491729560
9014	9/12/2019 10:23:37		-122.360	37.716	2088690.620	6023767.080		2009.930	RS-700	-0.86836276730
9015	9/12/2019 10:23:38		-122.360	37.716	2088688.939	6023769.158		2061.543	RS-700	-0.54375566038
9016	9/12/2019 10:23:39		-122.360	37.716	2088687.294	6023771.296		2066.263	RS-700	-0.51406937107
9017	9/12/2019 10:23:40		-122.360	37.716	2088685.722	6023773.434		2062.641	RS-700	-0.53684786164
9018	9/12/2019 10:23:41		-122.360	37.716	2088683.525	6023775.879		2077.258	RS-700	-0.44492044025
9019	9/12/2019 10:23:42		-122.360	37.716	2088682.538	6023777.884		2173.784	RS-700	0.16216176101
9020	9/12/2019 10:23:43		-122.360	37.716	2088680.155	6023780.527		2081.754	RS-700	-0.41664333333
9021	9/12/2019 10:23:44		-122.360	37.716	2088679.203	6023782.591		2044.139	RS-700	-0.65321433962
9022	9/12/2019 10:23:45		-122.360	37.716	2088677.555	6023784.902		1963.314	RS-700	-0.68236390029
9023	9/12/2019 10:23:46		-122.360	37.716	2088675.208	6023787.546		2222.037	RS-700	0.07635369501
9024	9/12/2019 10:23:47		-122.360	37.716	2088673.563	6023789.712		2491.895	RS-700	0.86772648094
9025	9/12/2019 10:23:48		-122.360	37.716	2088672.070	6023791.505		2310.293	RS-700	0.33516947214
9026	9/12/2019 10:23:49		-122.360	37.716	2088670.794	6023793.418		1949.801	RS-700	-0.72199258065
9027	9/12/2019 10:23:50		-122.360	37.716	2088669.784	6023794.786		1460.600	RS-700	-2.15659947214

Gamma Scan Survey Results
Survey Unit 4 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
9028	9/12/2019 10:23:51		-122.360	37.716	2088668.702	6023796.067		1758.285	RS-700	-1.28362249267
9029	9/12/2019 10:23:52		-122.360	37.716	2088667.987	6023797.210		1953.002	RS-700	-0.71260542522
9030	9/12/2019 10:23:53		-122.360	37.716	2088667.123	6023798.552		2263.483	RS-700	0.19789604106
9031	9/12/2019 10:23:54		-122.360	37.716	2088665.814	6023800.291		2355.618	RS-700	1.30577056604
9032	9/12/2019 10:23:55		-122.360	37.716	2088665.118	6023802.331		2096.862	RS-700	-0.32162327044
9033	9/12/2019 10:23:56		-122.360	37.716	2088663.172	6023804.925		2061.170	RS-700	-0.54610088050
9034	9/12/2019 10:23:57		-122.360	37.716	2088661.305	6023807.261		2084.640	RS-700	-0.39849194969
9035	9/12/2019 10:23:58		-122.360	37.716	2088659.772	6023809.284		2026.136	RS-700	-0.76644113208
9036	9/12/2019 10:23:59		-122.360	37.716	2088658.239	6023811.279		2024.129	RS-700	-0.77906088050
9037	9/12/2019 10:24:00		-122.360	37.716	2088656.741	6023813.361		2046.351	RS-700	-0.63930144654
9038	9/12/2019 10:24:01		-122.360	37.716	2088655.279	6023815.415		2111.867	RS-700	-0.22724905660
9039	9/12/2019 10:24:02		-122.360	37.716	2088653.784	6023817.353		2087.068	RS-700	-0.38321974843
9040	9/12/2019 10:24:03		-122.360	37.716	2088652.362	6023819.292		2077.562	RS-700	-0.44300408805
9041	9/12/2019 10:24:04		-122.360	37.716	2088651.085	6023821.234		2026.937	RS-700	-0.76140503145
9042	9/12/2019 10:24:05		-122.360	37.716	2088649.737	6023823.087		1981.711	RS-700	-1.04584194969
9043	9/12/2019 10:24:06		-122.360	37.716	2088647.177	6023825.438		1974.016	RS-700	-1.09423597484
9044	9/12/2019 10:24:07		-122.360	37.716	2088646.935	6023826.648		2015.315	RS-700	-0.83449962264
9045	9/12/2019 10:24:08		-122.360	37.716	2088645.663	6023828.330		2004.428	RS-700	-0.90296628931
9046	9/12/2019 10:24:09		-122.360	37.716	2088644.504	6023829.840		2069.532	RS-700	-0.49351094340
9047	9/12/2019 10:24:10		-122.360	37.716	2088643.420	6023831.265		2088.761	RS-700	-0.37256962264
9048	9/12/2019 10:24:11		-122.360	37.716	2088641.534	6023832.703		2112.186	RS-700	-0.22524415094
9049	9/12/2019 10:24:12		-122.360	37.716	2088641.119	6023833.389		2114.755	RS-700	-0.20909062893
9050	9/12/2019 10:24:13		-122.360	37.716	2088640.742	6023834.076		2042.556	RS-700	-0.66316735849
9051	9/12/2019 10:24:14		-122.360	37.716	2088640.108	6023834.815		2034.548	RS-700	-0.71353163522
9052	9/12/2019 10:24:15		-122.360	37.716	2088638.893	6023835.485		2013.325	RS-700	-0.84701031447
9053	9/12/2019 10:24:16		-122.360	37.716	2088637.430	6023835.775		2018.829	RS-700	-0.81239371069
9054	9/12/2019 10:24:17		-122.360	37.716	2088635.980	6023835.457		1954.515	RS-700	-1.21688855346
9055	9/12/2019 10:24:18		-122.360	37.716	2088634.867	6023834.653		1953.608	RS-700	-1.22259037736
9056	9/12/2019 10:24:19		-122.360	37.716	2088634.544	6023834.387		2027.630	RS-700	-0.75704597484
9057	9/12/2019 10:24:20		-122.360	37.716	2088635.115	6023834.976		1959.702	RS-700	-1.18426188679
9058	9/12/2019 10:24:21		-122.360	37.716	2088635.819	6023836.234		1945.698	RS-700	-1.27233823899
9059	9/12/2019 10:24:22		-122.360	37.716	2088635.991	6023836.730		2000.435	RS-700	-0.92808088050
9060	9/12/2019 10:24:23		-122.360	37.716	2088636.168	6023836.994		1858.959	RS-700	-1.81786672956
9061	9/12/2019 10:24:24		-122.360	37.716	2088636.407	6023837.779		1840.029	RS-700	-1.93692610063
9062	9/12/2019 10:24:25		-122.360	37.716	2088636.124	6023837.369		1990.338	RS-700	-0.99158427673
9063	9/12/2019 10:24:26		-122.360	37.716	2088635.811	6023836.639		1949.605	RS-700	-1.24776937107
9064	9/12/2019 10:24:27		-122.360	37.716	2088635.647	6023835.710		1991.922	RS-700	-0.98162389937
9065	9/12/2019 10:24:28		-122.360	37.716	2088635.590	6023834.899		2015.625	RS-700	-0.83254672956
9066	9/12/2019 10:24:29		-122.360	37.716	2088635.822	6023834.238		2012.826	RS-700	-0.85014937107
9067	9/12/2019 10:24:30		-122.360	37.716	2088636.238	6023833.465		1982.915	RS-700	-1.03827031447
9068	9/12/2019 10:24:31		-122.360	37.716	2088636.948	6023832.525		2029.733	RS-700	-0.74381893082
9069	9/12/2019 10:24:32		-122.360	37.716	2088638.071	6023831.014		2033.613	RS-700	-0.71941213837
9070	9/12/2019 10:24:33		-122.360	37.716	2088639.306	6023829.360		1972.722	RS-700	-1.10237710692
9071	9/12/2019 10:24:34		-122.360	37.716	2088640.576	6023827.766		1991.719	RS-700	-0.98290207547
9072	9/12/2019 10:24:35		-122.360	37.716	2088642.026	6023826.261		2014.525	RS-700	-0.83946566038
9073	9/12/2019 10:24:36		-122.360	37.716	2088643.699	6023824.529		2046.626	RS-700	-0.63757207547
9074	9/12/2019 10:24:37		-122.360	37.716	2088645.235	6023822.361		2019.036	RS-700	-0.81109534591
9075	9/12/2019 10:24:38		-122.360	37.716	2088646.953	6023820.255		2042.933	RS-700	-0.66079911950
9076	9/12/2019 10:24:39		-122.360	37.716	2088648.743	6023818.120		2097.653	RS-700	-0.31664616352
9077	9/12/2019 10:24:40		-122.360	37.716	2088650.464	6023815.840		2024.041	RS-700	-0.77961622642
9078	9/12/2019 10:24:41		-122.360	37.716	2088652.213	6023813.936		2086.274	RS-700	-0.38821075472
9079	9/12/2019 10:24:42		-122.360	37.716	2088653.630	6023812.258		2062.536	RS-700	-0.53750849057
9080	9/12/2019 10:24:43		-122.360	37.716	2088655.348	6023810.122		2075.741	RS-700	-0.45445911950
9081	9/12/2019 10:24:44		-122.360	37.716	2088657.143	6023807.785		2128.657	RS-700	-0.12165572327
9082	9/12/2019 10:24:45		-122.360	37.716	2088658.866	6023805.389		2066.849	RS-700	-0.51038094340
9083	9/12/2019 10:24:46		-122.360	37.716	2088660.587	6023803.051		2124.556	RS-700	-0.14744654088
9084	9/12/2019 10:24:47		-122.360	37.716	2088662.128	6023800.652		2361.498	RS-700	1.34275440252
9085	9/12/2019 10:24:48		-122.360	37.716	2088663.515	6023798.654		2388.840	RS-700	1.51471773585
9086	9/12/2019 10:24:49		-122.360	37.716	2088664.750	6023797.030		1939.893	RS-700	-0.75104712610
9087	9/12/2019 10:24:50		-122.360	37.716	2088665.794	6023795.778		1540.558	RS-700	-1.92211771261
9088	9/12/2019 10:24:51		-122.360	37.716	2088666.882	6023794.179		1756.284	RS-700	-1.28948853372

Gamma Scan Survey Results
Survey Unit 4 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
9089	9/12/2019 10:24:52		-122.360	37.716	2088668.118	6023792.468		2438.367	RS-700	0.71075255132
9090	9/12/2019 10:24:53		-122.360	37.716	2088669.572	6023790.790		2412.859	RS-700	0.63595035191
9091	9/12/2019 10:24:54		-122.360	37.716	2088671.061	6023789.141		2128.985	RS-700	-0.19652595308
9092	9/12/2019 10:24:55		-122.360	37.716	2088672.486	6023787.087		1698.271	RS-700	-1.45961571848
9093	9/12/2019 10:24:56		-122.360	37.716	2088674.093	6023785.007		1851.848	RS-700	-1.00924258065
9094	9/12/2019 10:24:57		-122.360	37.716	2088675.296	6023783.150		2032.835	RS-700	-0.47848876833
9095	9/12/2019 10:24:58		-122.360	37.716	2088676.817	6023781.705		2116.658	RS-700	-0.19712264151
9096	9/12/2019 10:24:59		-122.360	37.716	2088678.018	6023779.935		2210.688	RS-700	0.39426264151
9097	9/12/2019 10:25:00		-122.360	37.716	2088679.551	6023777.940		2142.768	RS-700	-0.03290716981
9098	9/12/2019 10:25:01		-122.360	37.716	2088681.195	6023775.832		2060.848	RS-700	-0.54812742138
9099	9/12/2019 10:25:02		-122.360	37.716	2088682.657	6023773.720		1995.819	RS-700	-0.95711308176
9100	9/12/2019 10:25:03		-122.360	37.716	2088684.338	6023771.642		2004.927	RS-700	-0.89982893082
9101	9/12/2019 10:25:04		-122.360	37.716	2088685.983	6023769.505		2011.335	RS-700	-0.85952597484
9102	9/12/2019 10:25:05		-122.360	37.716	2088687.626	6023767.425		2143.460	RS-700	-0.02855106918
9103	9/12/2019 10:25:06		-122.360	37.716	2088689.343	6023765.319		2033.944	RS-700	-0.71733188679
9104	9/12/2019 10:25:07		-122.360	37.716	2088691.023	6023763.269		1997.203	RS-700	-0.94840867925
9105	9/12/2019 10:25:08		-122.360	37.716	2088692.629	6023761.247		1933.406	RS-700	-1.34964943396
9106	9/12/2019 10:25:09		-122.360	37.716	2088694.314	6023758.937		2015.826	RS-700	-0.83128106918
9107	9/12/2019 10:25:10		-122.360	37.716	2088695.890	6023756.596		2045.521	RS-700	-0.64452276730
9108	9/12/2019 10:25:11		-122.360	37.716	2088697.391	6023754.369		2098.182	RS-700	-0.31332270440
9109	9/12/2019 10:25:12		-122.360	37.716	2088698.964	6023752.202		2033.734	RS-700	-0.71865465409
9110	9/12/2019 10:25:13		-122.360	37.716	2088700.573	6023750.006		1998.728	RS-700	-0.93881597484
9111	9/12/2019 10:25:14		-122.360	37.717	2088702.258	6023747.725		1954.808	RS-700	-1.21504402516
9112	9/12/2019 10:25:15		-122.360	37.717	2088703.907	6023745.386		2004.628	RS-700	-0.90170993711
9113	9/12/2019 10:25:16		-122.360	37.717	2088705.627	6023743.105		1904.068	RS-700	-1.53416509434
9114	9/12/2019 10:25:17		-122.360	37.717	2088707.274	6023740.882		1932.698	RS-700	-1.35409955975
9115	9/12/2019 10:25:18		-122.360	37.717	2088708.881	6023738.831		1940.312	RS-700	-1.30621251572
9116	9/12/2019 10:25:19		-122.360	37.717	2088710.413	6023736.836		1937.714	RS-700	-1.32255056604
9117	9/12/2019 10:25:20		-122.360	37.717	2088711.910	6023734.840		2020.627	RS-700	-0.80108924528
9118	9/12/2019 10:25:21		-122.360	37.717	2088713.481	6023732.760		2103.761	RS-700	-0.27823389937
9119	9/12/2019 10:25:22		-122.360	37.717	2088715.050	6023730.766		2018.628	RS-700	-0.81365855346
9120	9/12/2019 10:25:23		-122.360	37.717	2088716.472	6023728.827		1987.321	RS-700	-1.01055836478
9121	9/12/2019 10:25:24		-122.360	37.717	2088717.676	6023726.912		2009.625	RS-700	-0.87028345912
9122	9/12/2019 10:25:25		-122.360	37.717	2088718.864	6023725.750		2071.641	RS-700	-0.48024522013
9123	9/12/2019 10:25:26		-122.360	37.717	2088720.001	6023725.367		2023.628	RS-700	-0.78221289308
9124	9/12/2019 10:25:27		-122.360	37.717	2088721.098	6023725.158		2042.642	RS-700	-0.66263025157
9125	9/12/2019 10:25:28		-122.360	37.717	2088722.194	6023724.977		2000.821	RS-700	-0.92565415094
9126	9/12/2019 10:25:29		-122.360	37.717	2088723.664	6023724.312		2103.495	RS-700	-0.27990704403
9127	9/12/2019 10:25:30		-122.360	37.717	2088725.111	6023722.981		2008.628	RS-700	-0.87655465409
9128	9/12/2019 10:25:31		-122.360	37.717	2088725.983	6023721.233		2020.824	RS-700	-0.79985018868
9129	9/12/2019 10:25:32		-122.360	37.717	2088726.125	6023719.587		2100.070	RS-700	-0.30144949686
9130	9/12/2019 10:25:33		-122.360	37.717	2088726.197	6023717.824		2056.332	RS-700	-0.57652704403
9131	9/12/2019 10:25:34		-122.360	37.717	2088726.233	6023716.002		2105.546	RS-700	-0.26700509434
9132	9/12/2019 10:25:35		-122.360	37.717	2088726.704	6023714.276		1997.822	RS-700	-0.94451547170
9133	9/12/2019 10:25:36		-122.360	37.717	2088727.828	6023712.678		2080.443	RS-700	-0.42488880503
9134	9/12/2019 10:25:37		-122.360	37.717	2088729.360	6023710.741		2113.970	RS-700	-0.21402295598
9135	9/12/2019 10:25:38		-122.360	37.717	2088730.969	6023708.603		1993.722	RS-700	-0.97029930818
9136	9/12/2019 10:25:39		-122.360	37.717	2088732.320	6023706.576		1918.795	RS-700	-1.44153786164
9137	9/12/2019 10:25:40		-122.360	37.717	2088733.852	6023704.610		1956.509	RS-700	-1.20434716981
9138	9/12/2019 10:25:41		-122.360	37.717	2088735.420	6023702.674		2008.329	RS-700	-0.87843144654
9139	9/12/2019 10:25:42		-122.360	37.717	2088736.954	6023700.650		1736.285	RS-700	-2.58940182390
9140	9/12/2019 10:25:43		-122.360	37.717	2088738.446	6023698.886		1414.265	RS-700	-4.61468660377
9141	9/12/2019 10:25:44		-122.360	37.717	2088739.496	6023697.316		1393.136	RS-700	-4.74757433962
9142	9/12/2019 10:25:45		-122.360	37.717	2088740.512	6023695.716		1411.239	RS-700	-4.63371867925
9143	9/12/2019 10:25:46		-122.360	37.717	2088741.707	6023694.207		1547.436	RS-700	-3.77713358491
9144	9/12/2019 10:25:47		-122.360	37.717	2088743.271	6023692.473		1905.073	RS-700	-1.52784100629
9145	9/12/2019 10:25:48		-122.360	37.717	2088744.799	6023690.710		1945.798	RS-700	-1.27170974843
9146	9/12/2019 10:25:49		-122.360	37.717	2088746.074	6023688.854		1971.319	RS-700	-1.11119830189
9147	9/12/2019 10:25:50		-122.360	37.717	2088747.642	6023686.918		1929.593	RS-700	-1.37362735849
9148	9/12/2019 10:25:51		-122.360	37.717	2088749.244	6023685.157		2068.738	RS-700	-0.49850113208
9149	9/12/2019 10:25:52		-122.360	37.717	2088750.738	6023683.248		2055.639	RS-700	-0.58088779874

Gamma Scan Survey Results
Survey Unit 4 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
9150	9/12/2019 10:25:53		-122.360	37.717	2088752.162	6023681.222		2081.478	RS-700	-0.41837767296
9151	9/12/2019 10:25:54		-122.360	37.717	2088753.550	6023679.196		2024.528	RS-700	-0.77655069182
9152	9/12/2019 10:25:55		-122.360	37.717	2088754.938	6023677.169		1975.109	RS-700	-1.08736748428
9153	9/12/2019 10:25:56		-122.360	37.717	2088756.434	6023675.174		2033.427	RS-700	-0.72058396226
9154	9/12/2019 10:25:57		-122.360	37.717	2088757.931	6023673.149		1834.673	RS-700	-1.97060792453
9155	9/12/2019 10:25:58		-122.360	37.717	2088759.501	6023671.127		1631.289	RS-700	-3.24975654088
9156	9/12/2019 10:25:59		-122.360	37.717	2088760.924	6023669.159		2065.847	RS-700	-0.51668245283
9157	9/12/2019 10:26:00		-122.360	37.717	2088762.275	6023667.160		2099.749	RS-700	-0.30346754717
9158	9/12/2019 10:26:01		-122.360	37.717	2088763.513	6023665.333		2074.267	RS-700	-0.46373157233
9159	9/12/2019 10:26:02		-122.360	37.717	2088764.825	6023663.479		2097.861	RS-700	-0.31534056604
9160	9/12/2019 10:26:03		-122.360	37.717	2088766.317	6023661.686		2022.227	RS-700	-0.79102735849
9161	9/12/2019 10:26:04		-122.360	37.717	2088767.812	6023659.749		1992.705	RS-700	-0.97669522013
9162	9/12/2019 10:26:05		-122.360	37.717	2088769.306	6023657.898		2125.767	RS-700	-0.13982842767
9163	9/12/2019 10:26:06		-122.360	37.717	2088770.694	6023655.871		2045.058	RS-700	-0.64743672956
9164	9/12/2019 10:26:07		-122.360	37.717	2088771.519	6023654.673		2018.031	RS-700	-0.81741566038
9165	9/12/2019 10:26:08		-122.360	37.717	2088772.017	6023653.438		2043.329	RS-700	-0.65830993711
9166	9/12/2019 10:26:09		-122.360	37.717	2088773.107	6023651.724		2050.645	RS-700	-0.61229547170
9167	9/12/2019 10:26:10		-122.360	37.717	2088774.553	6023650.451		2096.861	RS-700	-0.32163031447
9168	9/12/2019 10:26:11		-122.360	37.717	2088775.790	6023648.682		2089.398	RS-700	-0.36856798742
9169	9/12/2019 10:26:12		-122.360	37.717	2088777.354	6023646.948		1979.812	RS-700	-1.05778477987
9170	9/12/2019 10:26:13		-122.360	37.717	2088778.883	6023645.127		2056.328	RS-700	-0.57655371069
9171	9/12/2019 10:26:14		-122.360	37.717	2088780.452	6023643.133		2031.838	RS-700	-0.73057779874
9172	9/12/2019 10:26:15		-122.360	37.717	2088781.985	6023641.168		2006.926	RS-700	-0.88725817610
9173	9/12/2019 10:26:16		-122.360	37.717	2088783.627	6023639.175		2086.648	RS-700	-0.38585905660
9174	9/12/2019 10:26:17		-122.360	37.717	2088785.306	6023637.154		1989.619	RS-700	-0.99610893082
9175	9/12/2019 10:26:18		-122.360	37.717	2088786.912	6023635.103		1995.116	RS-700	-0.96153767296
9176	9/12/2019 10:26:19		-122.360	37.717	2088788.446	6023633.051		2021.732	RS-700	-0.79413937107
9177	9/12/2019 10:26:20		-122.360	37.717	2088789.908	6023630.968		2121.976	RS-700	-0.16367459120
9178	9/12/2019 10:26:21		-122.360	37.717	2088791.441	6023628.973		1998.421	RS-700	-0.94074880503
9179	9/12/2019 10:26:22		-122.360	37.717	2088792.974	6023626.979		2015.937	RS-700	-0.83058578616
9180	9/12/2019 10:26:23		-122.360	37.717	2088794.432	6023625.098		2012.731	RS-700	-0.85075094340
9181	9/12/2019 10:26:24		-122.360	37.717	2088796.001	6023623.104		2114.970	RS-700	-0.20773647799
9182	9/12/2019 10:26:25		-122.360	37.717	2088797.498	6023621.051		2055.843	RS-700	-0.57960547170
9183	9/12/2019 10:26:26		-122.360	37.717	2088799.106	6023618.971		2063.744	RS-700	-0.52991396226
9184	9/12/2019 10:26:27		-122.360	37.717	2088800.783	6023617.037		2017.219	RS-700	-0.82252452830
9185	9/12/2019 10:26:28		-122.360	37.717	2088802.277	6023615.157		1953.511	RS-700	-1.22319823899
9186	9/12/2019 10:26:29		-122.360	37.717	2088803.954	6023613.252		1998.530	RS-700	-0.94006163522
9187	9/12/2019 10:26:30		-122.360	37.717	2088805.773	6023611.495		2106.441	RS-700	-0.26137635220
9188	9/12/2019 10:26:31		-122.360	37.717	2088807.629	6023609.767		2031.740	RS-700	-0.73119628931
9189	9/12/2019 10:26:32		-122.360	37.717	2088809.410	6023608.095		2050.741	RS-700	-0.61169301887
9190	9/12/2019 10:26:33		-122.360	37.717	2088811.157	6023606.337		1935.796	RS-700	-1.33461716981
9191	9/12/2019 10:26:34		-122.360	37.717	2088812.866	6023604.606		2091.952	RS-700	-0.35250622642
9192	9/12/2019 10:26:35		-122.360	37.717	2088814.687	6023602.790		1968.710	RS-700	-1.12761169811
9193	9/12/2019 10:26:36		-122.360	37.717	2088816.617	6023600.948		1971.808	RS-700	-1.10812301887
9194	9/12/2019 10:26:37		-122.360	37.717	2088818.476	6023599.076		2057.643	RS-700	-0.56828408805
9195	9/12/2019 10:26:38		-122.360	37.717	2088820.263	6023597.086		1984.616	RS-700	-1.02757471698
9196	9/12/2019 10:26:39		-122.360	37.717	2088821.908	6023594.978		2008.130	RS-700	-0.87968805031
9197	9/12/2019 10:26:40		-122.360	37.717	2088823.444	6023592.810		2032.321	RS-700	-0.72753836478
9198	9/12/2019 10:26:41		-122.360	37.717	2088824.982	6023590.555		2039.843	RS-700	-0.68023295598
9199	9/12/2019 10:26:42		-122.360	37.717	2088826.555	6023588.359		2047.540	RS-700	-0.63182484277
9200	9/12/2019 10:26:43		-122.360	37.717	2088828.312	6023586.108		2047.046	RS-700	-0.63493220126
9201	9/12/2019 10:26:44		-122.360	37.717	2088830.176	6023583.917		2022.132	RS-700	-0.79162138365
9202	9/12/2019 10:26:45		-122.360	37.717	2088832.040	6023581.756		2143.095	RS-700	-0.03085012579
9203	9/12/2019 10:26:46		-122.360	37.717	2088833.903	6023579.652		2042.944	RS-700	-0.66073069182
9204	9/12/2019 10:26:47		-122.360	37.717	2088835.694	6023577.489		2123.659	RS-700	-0.15309113208
9205	9/12/2019 10:26:48		-122.360	37.717	2088837.162	6023575.088		2061.154	RS-700	-0.54619893082
9206	9/12/2019 10:26:49		-122.360	37.717	2088838.849	6023572.662		2050.637	RS-700	-0.61234471698
9207	9/12/2019 10:26:50		-122.360	37.717	2088840.679	6023570.355		2113.655	RS-700	-0.21600654088
9208	9/12/2019 10:26:51		-122.360	37.717	2088842.435	6023568.134		1879.480	RS-700	-1.68880616352
9209	9/12/2019 10:26:52		-122.360	37.717	2088844.193	6023565.796		1955.607	RS-700	-1.21001685535
9210	9/12/2019 10:26:53		-122.360	37.717	2088846.059	6023563.548		2129.447	RS-700	-0.11668440252

Gamma Scan Survey Results
Survey Unit 4 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
9211	9/12/2019 10:26:54		-122.360	37.717	2088847.853	6023561.269		1982.907	RS-700	-1.03831823899
9212	9/12/2019 10:26:55		-122.360	37.717	2088849.720	6023558.934		1068.268	RS-700	-6.79076522013
9213	9/12/2019 10:26:56		-122.361	37.717	2088851.475	6023556.741		1071.118	RS-700	-6.77283968553
9214	9/12/2019 10:26:57		-122.361	37.717	2088853.268	6023554.491		1942.805	RS-700	-1.29053603774
9215	9/12/2019 10:26:58		-122.361	37.717	2088855.168	6023552.359		2004.523	RS-700	-0.90236911950
9216	9/12/2019 10:26:59		-122.361	37.717	2088857.104	6023550.228		2049.739	RS-700	-0.61799383648
9217	9/12/2019 10:27:00		-122.361	37.717	2088858.857	6023548.151		2070.842	RS-700	-0.48526918239
9218	9/12/2019 10:27:01		-122.361	37.717	2088860.650	6023545.872		2031.633	RS-700	-0.73186861635
9219	9/12/2019 10:27:02		-122.361	37.717	2088862.447	6023543.449		2021.527	RS-700	-0.79542496855
9220	9/12/2019 10:27:03		-122.361	37.717	2088864.133	6023541.081		2036.148	RS-700	-0.70347075472
9221	9/12/2019 10:27:04		-122.361	37.717	2088865.817	6023538.800		2019.827	RS-700	-0.80612138365
9222	9/12/2019 10:27:05		-122.361	37.717	2088867.573	6023536.550		2013.727	RS-700	-0.84448257862
9223	9/12/2019 10:27:06		-122.361	37.717	2088869.293	6023534.298		2032.736	RS-700	-0.72492880503
9224	9/12/2019 10:27:07		-122.361	37.717	2088870.977	6023532.017		1986.516	RS-700	-1.01562383648
9225	9/12/2019 10:27:08		-122.361	37.717	2088872.663	6023529.679		2004.643	RS-700	-0.90161371069
9226	9/12/2019 10:27:09		-122.361	37.717	2088874.347	6023527.398		1954.117	RS-700	-1.21938729560
9227	9/12/2019 10:27:10		-122.361	37.717	2088875.996	6023525.058		1998.519	RS-700	-0.94013402516
9228	9/12/2019 10:27:11		-122.361	37.717	2088877.385	6023522.974		2008.827	RS-700	-0.87530276730
9229	9/12/2019 10:27:12		-122.361	37.717	2088878.806	6023521.122		1802.559	RS-700	-2.17258308176
9230	9/12/2019 10:27:13		-122.361	37.717	2088880.264	6023519.212		1959.610	RS-700	-1.18484157233
9231	9/12/2019 10:27:14		-122.361	37.717	2088881.464	6023517.471		2077.437	RS-700	-0.44379402516
9232	9/12/2019 10:27:15		-122.361	37.717	2088883.065	6023515.738		2078.633	RS-700	-0.43626899371
9233	9/12/2019 10:27:16		-122.361	37.717	2088884.834	6023514.645		2163.988	RS-700	0.10055389937
9234	9/12/2019 10:27:17		-122.361	37.717	2088885.826	6023514.231		1973.322	RS-700	-1.09860666667
9235	9/12/2019 10:27:18		-122.361	37.717	2088886.972	6023513.357		2131.664	RS-700	-0.10274276730
9236	9/12/2019 10:27:19		-122.361	37.717	2088887.986	6023511.844		2162.103	RS-700	0.08869610063
9237	9/12/2019 10:27:20		-122.361	37.717	2088888.345	6023510.260		2070.746	RS-700	-0.48587213837
9238	9/12/2019 10:27:21		-122.361	37.717	2088888.156	6023508.752		2095.383	RS-700	-0.33092163522
9239	9/12/2019 10:27:22		-122.361	37.717	2088888.089	6023508.461		2144.341	RS-700	-0.02301182390
9240	9/12/2019 10:27:23		-122.361	37.717	2088889.456	6023509.327		2114.978	RS-700	-0.20768641509
9241	9/12/2019 10:27:24		-122.361	37.717	2088891.740	6023509.836		2168.893	RS-700	0.13139981132
9242	9/12/2019 10:27:25		-122.361	37.717	2088892.102	6023509.958		2123.078	RS-700	-0.15673918239
9243	9/12/2019 10:27:26		-122.361	37.717	2088890.730	6023509.353		2139.997	RS-700	-0.05033314465
9244	9/12/2019 10:27:27		-122.361	37.717	2088889.094	6023509.233		2115.554	RS-700	-0.20406547170
9245	9/12/2019 10:27:28		-122.361	37.717	2088887.590	6023509.782		2105.758	RS-700	-0.26567415094
9246	9/12/2019 10:27:29		-122.361	37.717	2088886.193	6023510.420		2090.964	RS-700	-0.35871880503
9247	9/12/2019 10:27:30		-122.361	37.717	2088884.869	6023511.088		2209.223	RS-700	0.38505006289
9248	9/12/2019 10:27:31		-122.361	37.717	2088883.433	6023511.869		2092.861	RS-700	-0.34678603774
9249	9/12/2019 10:27:32		-122.361	37.717	2088881.852	6023512.590		2004.627	RS-700	-0.90171792453
9250	9/12/2019 10:27:33		-122.361	37.717	2088880.855	6023513.293		2164.785	RS-700	0.10556672956
9251	9/12/2019 10:27:34		-122.361	37.717	2088879.777	6023514.400		2052.843	RS-700	-0.59846886793
9252	9/12/2019 10:27:35		-122.361	37.717	2088878.323	6023516.078		1809.381	RS-700	-2.12968031447
9253	9/12/2019 10:27:36		-122.361	37.717	2088876.941	6023517.844		1981.615	RS-700	-1.04644930818
9254	9/12/2019 10:27:37		-122.361	37.717	2088875.846	6023519.790		2001.922	RS-700	-0.91872805031
9255	9/12/2019 10:27:38		-122.361	37.717	2088874.321	6023521.380		2010.922	RS-700	-0.86212647799
9256	9/12/2019 10:27:39		-122.361	37.717	2088872.711	6023523.604		2057.536	RS-700	-0.56895383648
9257	9/12/2019 10:27:40		-122.361	37.717	2088871.101	6023525.829		1989.419	RS-700	-0.99736327044
9258	9/12/2019 10:27:41		-122.361	37.717	2088870.118	6023527.632		1925.212	RS-700	-1.40118176101
9259	9/12/2019 10:27:42		-122.361	37.717	2088868.330	6023529.650		1965.610	RS-700	-1.14710874214
9260	9/12/2019 10:27:43		-122.361	37.717	2088866.502	6023531.813		1976.196	RS-700	-1.08053000000
9261	9/12/2019 10:27:44		-122.361	37.717	2088864.819	6023534.036		1647.743	RS-700	-3.14627144654
9262	9/12/2019 10:27:45		-122.361	37.717	2088863.099	6023536.287		2035.636	RS-700	-0.70668943396
9263	9/12/2019 10:27:46		-122.361	37.717	2088861.307	6023538.508		2032.626	RS-700	-0.72562503145
9264	9/12/2019 10:27:47		-122.361	37.717	2088859.482	6023540.526		2070.436	RS-700	-0.48782559748
9265	9/12/2019 10:27:48		-122.361	37.717	2088857.656	6023542.630		2072.462	RS-700	-0.47508069182
9266	9/12/2019 10:27:49		-122.361	37.717	2088855.793	6023544.734		2049.747	RS-700	-0.61794238994
9267	9/12/2019 10:27:50		-122.361	37.717	2088853.924	6023547.127		1989.524	RS-700	-0.99670207547
9268	9/12/2019 10:27:51		-122.361	37.717	2088852.056	6023549.491		1532.387	RS-700	-3.87178037736
9269	9/12/2019 10:27:52		-122.361	37.717	2088850.192	6023551.653		1448.195	RS-700	-4.40129031447
9270	9/12/2019 10:27:53		-122.361	37.717	2088848.327	6023553.872		1637.466	RS-700	-3.21090345912
9271	9/12/2019 10:27:54		-122.361	37.717	2088846.643	6023556.153		1952.705	RS-700	-1.22827276730

Gamma Scan Survey Results
Survey Unit 4 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
9272	9/12/2019 10:27:55		-122.360	37.717	2088844.810	6023558.605		2146.984	RS-700	-0.00638899371
9273	9/12/2019 10:27:56		-122.360	37.717	2088843.164	6023560.800		1890.826	RS-700	-1.61744396226
9274	9/12/2019 10:27:57		-122.360	37.717	2088841.551	6023563.140		1926.598	RS-700	-1.39246264151
9275	9/12/2019 10:27:58		-122.360	37.717	2088839.689	6023565.215		2051.946	RS-700	-0.60411496855
9276	9/12/2019 10:27:59		-122.360	37.717	2088838.085	6023567.150		1999.724	RS-700	-0.93255270440
9277	9/12/2019 10:28:00		-122.360	37.717	2088836.593	6023568.914		2113.969	RS-700	-0.21403176101
9278	9/12/2019 10:28:01		-122.360	37.717	2088835.323	6023570.480		2119.673	RS-700	-0.17815836478
9279	9/12/2019 10:28:02		-122.360	37.717	2088834.852	6023572.207		2096.968	RS-700	-0.32095572327
9280	9/12/2019 10:28:03		-122.360	37.717	2088834.928	6023573.857		2184.216	RS-700	0.22777415094
9281	9/12/2019 10:28:04		-122.360	37.717	2088835.220	6023575.657		2055.638	RS-700	-0.58089232704
9282	9/12/2019 10:28:05		-122.360	37.717	2088835.039	6023577.476		2092.442	RS-700	-0.34942025157
9283	9/12/2019 10:28:06		-122.360	37.717	2088834.311	6023579.284		2071.070	RS-700	-0.48383509434
9284	9/12/2019 10:28:07		-122.360	37.717	2088832.933	6023580.790		2130.195	RS-700	-0.11197880503
9285	9/12/2019 10:28:08		-122.360	37.717	2088831.938	6023581.378		2035.317	RS-700	-0.70869559748
9286	9/12/2019 10:28:09		-122.360	37.717	2088829.522	6023581.995		2056.639	RS-700	-0.57459597484
9287	9/12/2019 10:28:10		-122.360	37.717	2088827.990	6023582.109		2138.577	RS-700	-0.05926440252
9288	9/12/2019 10:28:11		-122.360	37.717	2088826.519	6023582.832		2089.877	RS-700	-0.36555616352
9289	9/12/2019 10:28:12		-122.360	37.717	2088826.031	6023583.575		2018.626	RS-700	-0.81367037736
9290	9/12/2019 10:28:13		-122.360	37.717	2088825.244	6023584.687		2127.303	RS-700	-0.13016830189
9291	9/12/2019 10:28:14		-122.360	37.717	2088823.863	6023586.396		1947.812	RS-700	-1.25904540881
9292	9/12/2019 10:28:15		-122.360	37.717	2088822.404	6023588.305		2076.084	RS-700	-0.45229943396
9293	9/12/2019 10:28:16		-122.360	37.717	2088820.834	6023590.357		2051.153	RS-700	-0.60909905660
9294	9/12/2019 10:28:17		-122.360	37.717	2088819.224	6023592.581		2074.966	RS-700	-0.45933106918
9295	9/12/2019 10:28:18		-122.360	37.717	2088817.615	6023594.719		2007.219	RS-700	-0.88541402516
9296	9/12/2019 10:28:19		-122.360	37.717	2088816.008	6023596.770		1977.819	RS-700	-1.07032352201
9297	9/12/2019 10:28:20		-122.360	37.717	2088814.364	6023598.878		2022.839	RS-700	-0.78717867925
9298	9/12/2019 10:28:21		-122.360	37.717	2088812.796	6023600.814		1917.870	RS-700	-1.44735937107
9299	9/12/2019 10:28:22		-122.360	37.717	2088811.120	6023602.691		2069.540	RS-700	-0.49345666667
9300	9/12/2019 10:28:23		-122.360	37.717	2088809.660	6023604.658		2080.751	RS-700	-0.42295138365
9301	9/12/2019 10:28:24		-122.360	37.717	2088808.236	6023606.683		2028.521	RS-700	-0.75143974843
9302	9/12/2019 10:28:25		-122.360	37.717	2088806.627	6023608.850		1991.619	RS-700	-0.98353088050
9303	9/12/2019 10:28:26		-122.360	37.717	2088805.017	6023611.046		1966.999	RS-700	-1.13836811321
9304	9/12/2019 10:28:27		-122.360	37.717	2088803.409	6023613.184		1969.313	RS-700	-1.12381886792
9305	9/12/2019 10:28:28		-122.360	37.717	2088801.873	6023615.323		2096.440	RS-700	-0.32427867925
9306	9/12/2019 10:28:29		-122.360	37.717	2088800.374	6023617.463		1915.781	RS-700	-1.46049893082
9307	9/12/2019 10:28:30		-122.360	37.717	2088798.876	6023619.545		2030.627	RS-700	-0.73819446541
9308	9/12/2019 10:28:31		-122.360	37.717	2088797.377	6023621.656		1901.974	RS-700	-1.54733264151
9309	9/12/2019 10:28:32		-122.360	37.717	2088795.988	6023623.740		1967.104	RS-700	-1.13771245283
9310	9/12/2019 10:28:33		-122.360	37.717	2088794.528	6023625.737		2040.151	RS-700	-0.67829270440
9311	9/12/2019 10:28:34		-122.360	37.717	2088792.998	6023627.587		1947.404	RS-700	-1.26160855346
9312	9/12/2019 10:28:35		-122.360	37.717	2088791.215	6023629.345		2053.184	RS-700	-0.59632981132
9313	9/12/2019 10:28:36		-122.360	37.717	2088789.646	6023631.339		1959.188	RS-700	-1.18749905660
9314	9/12/2019 10:28:37		-122.360	37.717	2088788.111	6023633.449		2003.720	RS-700	-0.90742220126
9315	9/12/2019 10:28:38		-122.360	37.717	2088786.503	6023635.558		2043.062	RS-700	-0.65998786164
9316	9/12/2019 10:28:39		-122.360	37.717	2088785.005	6023637.611		2018.932	RS-700	-0.81174723270
9317	9/12/2019 10:28:40		-122.360	37.717	2088783.470	6023639.722		1994.419	RS-700	-0.96591962264
9318	9/12/2019 10:28:41		-122.360	37.717	2088781.898	6023641.860		2043.332	RS-700	-0.65828748428
9319	9/12/2019 10:28:42		-122.360	37.717	2088780.291	6023643.911		2013.625	RS-700	-0.84512540881
9320	9/12/2019 10:28:43		-122.360	37.717	2088778.720	6023645.992		2061.845	RS-700	-0.54185679245
9321	9/12/2019 10:28:44		-122.360	37.717	2088777.113	6023648.072		2008.726	RS-700	-0.87593911950
9322	9/12/2019 10:28:45		-122.360	37.717	2088775.506	6023650.123		2042.846	RS-700	-0.66134503145
9323	9/12/2019 10:28:46		-122.360	37.717	2088773.824	6023652.288		1957.417	RS-700	-1.19863327044
9324	9/12/2019 10:28:47		-122.360	37.717	2088772.068	6023654.539		1924.886	RS-700	-1.40323408805
9325	9/12/2019 10:28:48		-122.360	37.717	2088770.463	6023656.503		2030.630	RS-700	-0.73817301887
9326	9/12/2019 10:28:49		-122.360	37.717	2088769.298	6023658.274		2099.648	RS-700	-0.30410100629
9327	9/12/2019 10:28:50		-122.360	37.717	2088767.700	6023659.920		2060.866	RS-700	-0.54801477987
9328	9/12/2019 10:28:51		-122.360	37.717	2088766.167	6023661.915		2114.084	RS-700	-0.21331031447
9329	9/12/2019 10:28:52		-122.360	37.717	2088764.524	6023663.965		2038.325	RS-700	-0.68978025157
9330	9/12/2019 10:28:53		-122.360	37.717	2088763.027	6023665.989		2039.839	RS-700	-0.68025735849
9331	9/12/2019 10:28:54		-122.360	37.717	2088761.600	6023668.160		1708.552	RS-700	-2.76382509434
9332	9/12/2019 10:28:55		-122.360	37.717	2088760.029	6023670.240		1895.718	RS-700	-1.58668012579

Gamma Scan Survey Results
Survey Unit 4 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
9333	9/12/2019 10:28:56		-122.360	37.717	2088758.205	6023672.229		1922.580	RS-700	-1.41773729560
9334	9/12/2019 10:28:57		-122.360	37.717	2088756.705	6023674.369		1937.790	RS-700	-1.32207647799
9335	9/12/2019 10:28:58		-122.360	37.717	2088755.171	6023676.422		1948.316	RS-700	-1.25587345912
9336	9/12/2019 10:28:59		-122.360	37.717	2088753.562	6023678.588		2031.620	RS-700	-0.73194849057
9337	9/12/2019 10:29:00		-122.360	37.717	2088752.135	6023680.759		2032.137	RS-700	-0.72870025157
9338	9/12/2019 10:29:01		-122.360	37.717	2088750.602	6023682.782		1959.413	RS-700	-1.18608301887
9339	9/12/2019 10:29:02		-122.360	37.717	2088748.704	6023684.828		1944.892	RS-700	-1.27740823899
9340	9/12/2019 10:29:03		-122.360	37.717	2088746.805	6023686.902		2038.638	RS-700	-0.68780930818
9341	9/12/2019 10:29:04		-122.360	37.717	2088744.905	6023689.034		1887.799	RS-700	-1.63648377358
9342	9/12/2019 10:29:05		-122.360	37.717	2088743.154	6023691.024		1654.278	RS-700	-3.10516786164
9343	9/12/2019 10:29:06		-122.360	37.717	2088741.116	6023692.777		1580.546	RS-700	-3.56889540881
9344	9/12/2019 10:29:07		-122.360	37.717	2088739.332	6023694.593		1711.416	RS-700	-2.74581358491
9345	9/12/2019 10:29:08		-122.360	37.717	2088738.166	6023696.451		1807.642	RS-700	-2.14061528302
9346	9/12/2019 10:29:09		-122.360	37.717	2088736.773	6023698.766		2030.159	RS-700	-0.74113698113
9347	9/12/2019 10:29:10		-122.360	37.717	2088735.163	6023700.962		1914.792	RS-700	-1.46671490566
9348	9/12/2019 10:29:11		-122.360	37.717	2088733.190	6023703.093		1975.109	RS-700	-1.08736433962
9349	9/12/2019 10:29:12		-122.360	37.717	2088731.365	6023705.168		1907.688	RS-700	-1.51139333333
9350	9/12/2019 10:29:13		-122.360	37.717	2088730.386	6023706.769		2052.152	RS-700	-0.60281559748
9351	9/12/2019 10:29:14		-122.360	37.717	2088728.634	6023708.817		1928.687	RS-700	-1.37932408805
9352	9/12/2019 10:29:15		-122.360	37.717	2088727.102	6023710.754		2059.756	RS-700	-0.55499622642
9353	9/12/2019 10:29:16		-122.360	37.717	2088725.742	6023713.215		2056.055	RS-700	-0.57826949686
9354	9/12/2019 10:29:17		-122.360	37.717	2088725.740	6023715.153		2065.647	RS-700	-0.51794308176
9355	9/12/2019 10:29:18		-122.360	37.717	2088725.847	6023717.094		2060.427	RS-700	-0.55077433962
9356	9/12/2019 10:29:19		-122.360	37.717	2088725.811	6023718.916		2048.735	RS-700	-0.62430761006
9357	9/12/2019 10:29:20		-122.360	37.717	2088725.231	6023720.582		2039.146	RS-700	-0.68461924528
9358	9/12/2019 10:29:21		-122.360	37.717	2088724.478	6023721.840		2002.822	RS-700	-0.91307075472
9359	9/12/2019 10:29:22		-122.360	37.717	2088723.434	6023723.063		2102.659	RS-700	-0.28516660377
9360	9/12/2019 10:29:23		-122.360	37.717	2088722.178	6023723.964		2122.191	RS-700	-0.16232383648
9361	9/12/2019 10:29:24		-122.360	37.717	2088720.790	6023724.168		2104.878	RS-700	-0.27120616352
9362	9/12/2019 10:29:25		-122.360	37.717	2088719.509	6023724.490		1915.710	RS-700	-1.46094509434
9363	9/12/2019 10:29:26		-122.360	37.717	2088717.575	6023724.683		2038.634	RS-700	-0.68783867925
9364	9/12/2019 10:29:27		-122.360	37.717	2088715.884	6023725.430		2096.759	RS-700	-0.32226761006
9365	9/12/2019 10:29:28		-122.360	37.717	2088714.653	6023726.939		2053.128	RS-700	-0.59667616352
9366	9/12/2019 10:29:29		-122.360	37.717	2088713.194	6023728.848		2127.085	RS-700	-0.13153924528
9367	9/12/2019 10:29:30		-122.360	37.717	2088711.586	6023730.957		2065.426	RS-700	-0.51933144654
9368	9/12/2019 10:29:31		-122.360	37.717	2088709.937	6023733.297		1969.296	RS-700	-1.12392220126
9369	9/12/2019 10:29:32		-122.360	37.717	2088708.180	6023735.605		1985.153	RS-700	-1.02419207547
9370	9/12/2019 10:29:33		-122.360	37.717	2088706.388	6023737.826		1989.712	RS-700	-0.99552333333
9371	9/12/2019 10:29:34		-122.360	37.717	2088704.527	6023739.814		1973.613	RS-700	-1.09677446541
9372	9/12/2019 10:29:35		-122.360	37.717	2088702.595	6023741.743		2078.641	RS-700	-0.43622327044
9373	9/12/2019 10:29:36		-122.360	37.716	2088700.663	6023743.672		2078.636	RS-700	-0.43625301887
9374	9/12/2019 10:29:37		-122.360	37.716	2088698.764	6023745.746		2084.864	RS-700	-0.39708295598
9375	9/12/2019 10:29:38		-122.360	37.716	2088697.006	6023748.084		2054.152	RS-700	-0.59023735849
9376	9/12/2019 10:29:39		-122.360	37.716	2088695.283	6023750.480		2032.134	RS-700	-0.72871943396
9377	9/12/2019 10:29:40		-122.360	37.716	2088693.453	6023752.787		2079.234	RS-700	-0.43249308176
9378	9/12/2019 10:29:41		-122.360	37.716	2088691.550	6023755.063		1959.812	RS-700	-1.18357056604
9379	9/12/2019 10:29:42		-122.360	37.716	2088689.614	6023757.224		2011.827	RS-700	-0.85643647799
9380	9/12/2019 10:29:43		-122.360	37.716	2088687.713	6023759.384		2068.953	RS-700	-0.49715213837
9381	9/12/2019 10:29:44		-122.360	37.716	2088685.884	6023761.634		2063.945	RS-700	-0.52864918239
9382	9/12/2019 10:29:45		-122.360	37.716	2088684.308	6023763.975		2041.845	RS-700	-0.66764163522
9383	9/12/2019 10:29:46		-122.360	37.716	2088682.659	6023766.314		2073.585	RS-700	-0.46801943396
9384	9/12/2019 10:29:47		-122.360	37.716	2088680.829	6023768.592		2065.266	RS-700	-0.52034163522
9385	9/12/2019 10:29:48		-122.360	37.716	2088678.927	6023770.840		2209.905	RS-700	0.38934000000
9386	9/12/2019 10:29:49		-122.360	37.716	2088677.134	6023773.119		2176.657	RS-700	0.18023283019
9387	9/12/2019 10:29:50		-122.360	37.716	2088675.448	6023775.487		2095.549	RS-700	-0.32988308176
9388	9/12/2019 10:29:51		-122.360	37.716	2088673.765	6023777.710		2086.644	RS-700	-0.38588823899
9389	9/12/2019 10:29:52		-122.360	37.716	2088671.973	6023779.902		2108.074	RS-700	-0.25784739003
9390	9/12/2019 10:29:53		-122.360	37.716	2088670.038	6023782.004		2217.470	RS-700	0.06296302053
9391	9/12/2019 10:29:54		-122.360	37.716	2088668.068	6023783.961		2277.051	RS-700	0.23768744868
9392	9/12/2019 10:29:55		-122.360	37.716	2088666.463	6023785.954		2389.221	RS-700	0.56663052786
9393	9/12/2019 10:29:56		-122.360	37.716	2088664.966	6023787.950		1941.690	RS-700	-0.74577592375

Gamma Scan Survey Results
Survey Unit 4 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
9394	9/12/2019 10:29:57		-122.360	37.716	2088663.764	6023789.806		1515.701	RS-700	-1.99501087977
9395	9/12/2019 10:29:58		-122.360	37.716	2088662.595	6023791.808		1999.419	RS-700	-0.57648428153
9396	9/12/2019 10:29:59		-122.360	37.716	2088661.504	6023793.580		2433.994	RS-700	0.69793020528
9397	9/12/2019 10:30:00		-122.360	37.716	2088659.972	6023795.517		2419.484	RS-700	1.70744515723
9398	9/12/2019 10:30:01		-122.360	37.716	2088659.776	6023796.208		2320.420	RS-700	1.08440169811
9399	9/12/2019 10:30:02		-122.360	37.716	2088658.586	6023797.457		2202.795	RS-700	0.34462232704
9400	9/12/2019 10:30:03		-122.360	37.716	2088658.549	6023797.485		2342.720	RS-700	1.22465572327
9401	9/12/2019 10:30:04		-122.360	37.716	2088658.511	6023797.600		2271.044	RS-700	0.77386452830
9402	9/12/2019 10:30:05		-122.360	37.716	2088658.474	6023797.628		2245.037	RS-700	0.61029415094
9403	9/12/2019 10:30:06		-122.360	37.716	2088658.474	6023797.599		2302.981	RS-700	0.97472635220
9404	9/12/2019 10:30:07		-122.360	37.716	2088658.437	6023797.656		2307.950	RS-700	1.00597691824
9405	9/12/2019 10:30:08		-122.360	37.716	2088658.437	6023797.628		2234.925	RS-700	0.54669503145
9406	9/12/2019 10:30:09		-122.360	37.716	2088658.437	6023797.656		2291.053	RS-700	0.89970163522
9407	9/12/2019 10:30:10		-122.360	37.716	2088658.437	6023797.656		2193.903	RS-700	0.28870000000
9408	9/12/2019 10:30:11		-122.360	37.716	2088658.400	6023797.656		2189.904	RS-700	0.26355025157
9409	9/12/2019 10:30:12		-122.360	37.716	2088658.437	6023797.656		2188.775	RS-700	0.25644452830
9410	9/12/2019 10:30:13		-122.360	37.716	2088658.437	6023797.656		2251.267	RS-700	0.64947572327
9411	9/12/2019 10:30:14		-122.360	37.716	2088658.437	6023797.656		2218.924	RS-700	0.44606125786
9412	9/12/2019 10:30:15		-122.360	37.716	2088658.399	6023797.714		2234.029	RS-700	0.54106069182
9413	9/12/2019 10:30:16		-122.360	37.716	2088658.360	6023797.829		2214.114	RS-700	0.41581132076
9414	9/12/2019 10:30:17		-122.360	37.716	2088658.203	6023798.433		2152.000	RS-700	0.02515610063
9415	9/12/2019 10:30:18		-122.360	37.716	2088658.105	6023799.704		2044.351	RS-700	-0.65188144654
9416	9/12/2019 10:30:19		-122.360	37.716	2088658.188	6023801.007		2069.645	RS-700	-0.49280006289
9417	9/12/2019 10:30:20		-122.360	37.716	2088658.311	6023802.167		2052.731	RS-700	-0.59917496855
9418	9/12/2019 10:30:21		-122.360	37.716	2088658.308	6023802.283		2076.855	RS-700	-0.44745276730
9419	9/12/2019 10:30:22		-122.360	37.716	2088658.276	6023802.051		2031.428	RS-700	-0.73315459120
9420	9/12/2019 10:30:23		-122.360	37.716	2088658.278	6023801.993		2099.761	RS-700	-0.30339037736
9421	9/12/2019 10:30:24		-122.360	37.716	2088658.314	6023801.994		2004.824	RS-700	-0.90047496855
9422	9/12/2019 10:30:25		-122.360	37.716	2088658.315	6023801.965		1991.918	RS-700	-0.98164685535
9423	9/12/2019 10:30:26		-122.360	37.716	2088658.314	6023801.994		2052.047	RS-700	-0.60347496855
9424	9/12/2019 10:30:27		-122.360	37.716	2088658.350	6023801.994		2075.855	RS-700	-0.45374018868
9425	9/12/2019 10:30:28		-122.360	37.716	2088658.387	6023801.966		2046.729	RS-700	-0.63692540881
9426	9/12/2019 10:30:29		-122.360	37.716	2088658.424	6023801.967		2025.318	RS-700	-0.77158301887
9427	9/12/2019 10:30:30		-122.360	37.716	2088658.424	6023801.967		2070.534	RS-700	-0.48720515723
9428	9/12/2019 10:30:31		-122.360	37.716	2088658.424	6023801.967		2077.968	RS-700	-0.44044974843
9429	9/12/2019 10:30:32		-122.360	37.716	2088658.460	6023801.997		2064.434	RS-700	-0.52557471698
9430	9/12/2019 10:30:33		-122.360	37.716	2088658.460	6023801.997		2037.326	RS-700	-0.69606270440
9431	9/12/2019 10:30:34		-122.360	37.716	2088658.460	6023801.997		2103.654	RS-700	-0.27890597484
9432	9/12/2019 10:30:35		-122.360	37.716	2088658.459	6023802.025		2103.336	RS-700	-0.28090471698
9433	9/12/2019 10:30:36		-122.360	37.716	2088658.459	6023802.025		2175.463	RS-700	0.17272270440
9434	9/12/2019 10:30:37		-122.360	37.716	2088658.459	6023802.025		2031.624	RS-700	-0.73192691824
9435	9/12/2019 10:30:38		-122.360	37.716	2088658.458	6023802.054		2040.349	RS-700	-0.67705264151
9436	9/12/2019 10:30:39		-122.360	37.716	2088658.495	6023802.055		2039.246	RS-700	-0.68398691824
9437	9/12/2019 10:30:40		-122.360	37.716	2088658.495	6023802.055		2058.151	RS-700	-0.56509025157
9438	9/12/2019 10:30:41		-122.360	37.716	2088658.495	6023802.055		2072.476	RS-700	-0.47499566038
9439	9/12/2019 10:30:42		-122.360	37.716	2088659.046	6023801.835		2116.549	RS-700	-0.19780503145
9440	9/12/2019 10:30:43		-122.360	37.716	2088658.495	6023802.055		2085.505	RS-700	-0.39305301887
9441	9/12/2019 10:30:44		-122.360	37.716	2088658.494	6023802.084		2004.917	RS-700	-0.89989100629
9442	9/12/2019 10:30:45		-122.360	37.716	2088658.494	6023802.084		2051.635	RS-700	-0.60606798742
9443	9/12/2019 10:30:46		-122.360	37.716	2088658.494	6023802.113		2131.983	RS-700	-0.10073427673
9444	9/12/2019 10:30:47		-122.360	37.716	2088659.009	6023801.863		2004.028	RS-700	-0.90548496855
9445	9/12/2019 10:30:48		-122.360	37.716	2088659.009	6023801.863		2068.366	RS-700	-0.50084572327
9446	9/12/2019 10:30:49		-122.360	37.716	2088659.009	6023801.863		2062.732	RS-700	-0.53627867925
9447	9/12/2019 10:30:50		-122.360	37.716	2088659.044	6023801.892		2175.998	RS-700	0.17608509434
9448	9/12/2019 10:30:51		-122.360	37.716	2088659.007	6023801.921		2024.525	RS-700	-0.77657509434
9449	9/12/2019 10:30:52		-122.360	37.716	2088659.044	6023801.921		2130.294	RS-700	-0.11135842767
9450	9/12/2019 10:30:53		-122.360	37.716	2088659.043	6023801.950		2050.752	RS-700	-0.61161955975
9451	9/12/2019 10:30:54		-122.360	37.716	2088659.043	6023801.950		2018.526	RS-700	-0.81430276730
9452	9/12/2019 10:30:55		-122.360	37.716	2088659.043	6023801.950		1987.618	RS-700	-1.00869176101
9453	9/12/2019 10:30:56		-122.360	37.716	2088659.043	6023801.979		2101.339	RS-700	-0.29346553459
9454	9/12/2019 12:41:02		-122.360	37.716	2088658.288	6023803.295		2108.854	RS-700	-0.24620044025

Gamma Scan Survey Results
Survey Unit 4 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
9455	9/12/2019 12:41:03		-122.360	37.716	2088658.288	6023803.295		2149.880	RS-700	0.01182647799
9456	9/12/2019 12:41:04		-122.360	37.716	2088658.252	6023803.294		2073.957	RS-700	-0.46567981132
9457	9/12/2019 12:41:05		-122.360	37.716	2088658.215	6023803.294		2144.096	RS-700	-0.02455194969
9458	9/12/2019 12:41:06		-122.360	37.716	2088658.215	6023803.294		2006.718	RS-700	-0.88856911950
9459	9/12/2019 12:41:07		-122.360	37.716	2088658.215	6023803.294		2053.737	RS-700	-0.59285157233
9460	9/12/2019 12:41:08		-122.360	37.716	2088658.252	6023803.294		2048.937	RS-700	-0.62303830189
9461	9/12/2019 12:41:09		-122.360	37.716	2088658.216	6023803.265		2042.821	RS-700	-0.66150327044
9462	9/12/2019 12:41:10		-122.360	37.716	2088658.252	6023803.265		2003.318	RS-700	-0.90994918239
9463	9/12/2019 12:41:11		-122.360	37.716	2088658.252	6023803.265		2032.054	RS-700	-0.72921943396
9464	9/12/2019 12:41:12		-122.360	37.716	2088658.813	6023802.553		2037.918	RS-700	-0.69233893082
9465	9/12/2019 12:41:13		-122.360	37.716	2088660.501	6023800.070		2118.334	RS-700	-0.18657861635
9466	9/12/2019 12:41:14		-122.360	37.716	2088661.819	6023797.868		2202.782	RS-700	0.34453918239
9467	9/12/2019 12:41:15		-122.360	37.716	2088662.736	6023795.717		2382.565	RS-700	0.54711140763
9468	9/12/2019 12:41:16		-122.360	37.716	2088663.320	6023793.819		2303.823	RS-700	0.31619744868
9469	9/12/2019 12:41:17		-122.360	37.716	2088663.485	6023791.016		1814.375	RS-700	-1.11913627566
9470	9/12/2019 12:41:18		-122.360	37.716	2088663.065	6023788.317		1542.474	RS-700	-1.91649812317
9471	9/12/2019 12:41:19		-122.360	37.716	2088661.648	6023786.322		1535.546	RS-700	-1.93681636364
9472	9/12/2019 12:41:20		-122.360	37.716	2088659.920	6023785.333		1616.583	RS-700	-1.69917120235
9473	9/12/2019 12:41:21		-122.360	37.716	2088658.619	6023784.815		1583.571	RS-700	-1.79597953079
9474	9/12/2019 12:41:22		-122.360	37.716	2088659.411	6023785.294		1622.497	RS-700	-1.68182642229
9475	9/12/2019 12:41:23		-122.360	37.716	2088661.036	6023785.991		1571.240	RS-700	-1.83214140762
9476	9/12/2019 12:41:24		-122.360	37.716	2088663.112	6023785.946		1900.388	RS-700	-0.86689762463
9477	9/12/2019 12:41:25		-122.360	37.716	2088665.095	6023785.146		2457.364	RS-700	0.76646190616
9478	9/12/2019 12:41:26		-122.360	37.716	2088666.931	6023784.373		2465.244	RS-700	0.78957255132
9479	9/12/2019 12:41:27		-122.360	37.716	2088668.770	6023783.454		2337.719	RS-700	0.41559741936
9480	9/12/2019 12:41:28		-122.360	37.716	2088670.074	6023782.005		2115.550	RS-700	-0.23592272727
9481	9/12/2019 12:41:29		-122.360	37.716	2088670.824	6023780.891		1900.718	RS-700	-0.86592926686
9482	9/12/2019 12:41:30		-122.360	37.716	2088671.166	6023780.204		1744.927	RS-700	-1.32279348974
9483	9/12/2019 12:41:31		-122.360	37.716	2088671.688	6023779.607		1739.216	RS-700	-1.33954390029
9484	9/12/2019 12:41:32		-122.360	37.716	2088672.061	6023779.122		1816.823	RS-700	-2.08287308176
9485	9/12/2019 12:41:33		-122.360	37.716	2088672.062	6023779.093		1787.371	RS-700	-2.26810496855
9486	9/12/2019 12:41:34		-122.360	37.716	2088672.462	6023779.130		1831.462	RS-700	-1.99080345912
9487	9/12/2019 12:41:35		-122.360	37.716	2088672.060	6023779.180		1767.151	RS-700	-2.39527591195
9488	9/12/2019 12:41:36		-122.360	37.716	2088672.060	6023779.180		1751.911	RS-700	-2.49112691824
9489	9/12/2019 12:41:37		-122.360	37.716	2088672.024	6023779.151		1840.383	RS-700	-1.93469792453
9490	9/12/2019 12:41:38		-122.360	37.716	2088672.024	6023779.179		1777.345	RS-700	-2.33116138365
9491	9/12/2019 12:41:39		-122.360	37.716	2088671.987	6023779.208		1766.798	RS-700	-2.39749679245
9492	9/12/2019 12:41:40		-122.360	37.716	2088671.987	6023779.208		1750.737	RS-700	-2.49851113208
9493	9/12/2019 12:41:41		-122.360	37.716	2088671.986	6023779.265		1771.570	RS-700	-2.36748691824
9494	9/12/2019 12:41:42		-122.360	37.716	2088671.985	6023779.294		1846.753	RS-700	-1.02418586510
9495	9/12/2019 12:41:43		-122.360	37.716	2088672.022	6023779.295		1834.566	RS-700	-1.97128459119
9496	9/12/2019 12:41:44		-122.360	37.716	2088671.985	6023779.294		1804.067	RS-700	-1.14936378299
9497	9/12/2019 12:41:45		-122.360	37.716	2088671.985	6023779.323		1801.903	RS-700	-1.15570979472
9498	9/12/2019 12:41:46		-122.360	37.716	2088671.948	6023779.323		1830.644	RS-700	-1.07142601173
9499	9/12/2019 12:41:47		-122.360	37.716	2088671.948	6023779.323		1826.564	RS-700	-1.08339087977
9500	9/12/2019 12:41:48		-122.360	37.716	2088671.948	6023779.323		1725.531	RS-700	-1.37967419355
9501	9/12/2019 12:41:49		-122.360	37.716	2088671.985	6023779.323		1799.404	RS-700	-1.16303844575
9502	9/12/2019 12:41:50		-122.360	37.716	2088671.985	6023779.294		1743.479	RS-700	-1.32704017595
9503	9/12/2019 12:41:51		-122.360	37.716	2088671.949	6023779.294		1773.576	RS-700	-1.23878038123
9504	9/12/2019 12:41:52		-122.360	37.716	2088671.985	6023779.294		1759.617	RS-700	-1.27971633431
9505	9/12/2019 12:41:53		-122.360	37.716	2088671.985	6023779.294		1771.603	RS-700	-1.24456692082
9506	9/12/2019 12:41:54		-122.360	37.716	2088671.949	6023779.294		1818.515	RS-700	-1.10699475073
9507	9/12/2019 12:41:55		-122.360	37.716	2088671.949	6023779.294		1813.765	RS-700	-1.12092498534
9508	9/12/2019 12:41:56		-122.360	37.716	2088671.985	6023779.294		1831.644	RS-700	-1.06849190616
9509	9/12/2019 12:41:57		-122.360	37.716	2088671.985	6023779.294		1805.395	RS-700	-1.14546891496
9510	9/12/2019 12:41:58		-122.360	37.716	2088671.949	6023779.294		1834.381	RS-700	-1.06046721408
9511	9/12/2019 12:41:59		-122.360	37.716	2088671.949	6023779.294		1782.679	RS-700	-1.21208495601
9512	9/12/2019 12:42:00		-122.360	37.716	2088671.985	6023779.323		1740.565	RS-700	-1.33558624633
9513	9/12/2019 12:42:01		-122.360	37.716	2088671.948	6023779.323		1723.435	RS-700	-1.38582208211
9514	9/12/2019 12:42:02		-122.360	37.716	2088671.757	6023779.782		1965.800	RS-700	-0.67507310850
9515	9/12/2019 12:42:03		-122.360	37.716	2088673.260	6023777.439		2032.831	RS-700	-0.72433421384

Gamma Scan Survey Results
Survey Unit 4 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
9516	9/12/2019 12:42:04		-122.360	37.716	2088674.230	6023776.301		2118.848	RS-700	-0.18334672956
9517	9/12/2019 12:42:05		-122.360	37.716	2088675.617	6023774.304		2111.649	RS-700	-0.22862383648
9518	9/12/2019 12:42:06		-122.360	37.716	2088677.454	6023771.650		2092.641	RS-700	-0.34816987421
9519	9/12/2019 12:42:07		-122.360	37.716	2088679.026	6023769.540		2027.718	RS-700	-0.75648955975
9520	9/12/2019 12:42:08		-122.360	37.716	2088680.634	6023767.431		2056.730	RS-700	-0.57402264151
9521	9/12/2019 12:42:09		-122.360	37.716	2088682.242	6023765.322		2002.916	RS-700	-0.91248106918
9522	9/12/2019 12:42:10		-122.360	37.716	2088683.852	6023763.098		2036.425	RS-700	-0.70173119497
9523	9/12/2019 12:42:11		-122.360	37.716	2088685.426	6023760.843		2041.839	RS-700	-0.66767779874
9524	9/12/2019 12:42:12		-122.360	37.716	2088687.072	6023758.677		1977.805	RS-700	-1.07040918239
9525	9/12/2019 12:42:13		-122.360	37.716	2088688.525	6023756.999		2000.115	RS-700	-0.93009471698
9526	9/12/2019 12:42:14		-122.360	37.716	2088688.931	6023756.747		1921.264	RS-700	-1.42601547170
9527	9/12/2019 12:42:15		-122.360	37.716	2088689.453	6023756.150		2004.609	RS-700	-0.90183119497
9528	9/12/2019 12:42:16		-122.360	37.716	2088689.713	6023755.895		1933.497	RS-700	-1.34907295597
9529	9/12/2019 12:42:17		-122.360	37.716	2088689.940	6023755.465		2036.932	RS-700	-0.69853811321
9530	9/12/2019 12:42:18		-122.360	37.716	2088689.940	6023755.465		2105.850	RS-700	-0.26509528302
9531	9/12/2019 12:42:19		-122.360	37.716	2088689.940	6023755.436		2028.731	RS-700	-0.75012194969
9532	9/12/2019 12:42:20		-122.360	37.716	2088689.940	6023755.436		1984.602	RS-700	-1.02765930818
9533	9/12/2019 12:42:21		-122.360	37.716	2088689.977	6023755.408		2011.122	RS-700	-0.86086628931
9534	9/12/2019 12:42:22		-122.360	37.716	2088690.165	6023755.123		2020.208	RS-700	-0.80372182390
9535	9/12/2019 12:42:23		-122.360	37.716	2088691.285	6023753.756		2092.965	RS-700	-0.34613018868
9536	9/12/2019 12:42:24		-122.360	37.716	2088692.815	6023751.877		2127.647	RS-700	-0.12800396226
9537	9/12/2019 12:42:25		-122.360	37.716	2088694.642	6023749.744		2034.421	RS-700	-0.71433308176
9538	9/12/2019 12:42:26		-122.360	37.716	2088696.507	6023747.524		1973.605	RS-700	-1.09682591195
9539	9/12/2019 12:42:27		-122.360	37.716	2088698.265	6023745.216		2046.834	RS-700	-0.63626459120
9540	9/12/2019 12:42:28		-122.360	37.716	2088700.061	6023742.821		2050.643	RS-700	-0.61230515723
9541	9/12/2019 12:42:29		-122.360	37.717	2088701.963	6023740.574		2125.874	RS-700	-0.13915861635
9542	9/12/2019 12:42:30		-122.360	37.717	2088703.720	6023738.294		2007.715	RS-700	-0.88229503145
9543	9/12/2019 12:42:31		-122.360	37.717	2088705.403	6023736.042		1901.489	RS-700	-1.55038578616
9544	9/12/2019 12:42:32		-122.360	37.717	2088707.082	6023734.021		1931.981	RS-700	-1.35861283019
9545	9/12/2019 12:42:33		-122.360	37.717	2088708.800	6023731.914		1968.803	RS-700	-1.12702383648
9546	9/12/2019 12:42:34		-122.360	37.717	2088710.443	6023729.864		2043.725	RS-700	-0.65581767296
9547	9/12/2019 12:42:35		-122.360	37.717	2088712.085	6023727.872		2046.733	RS-700	-0.63689691824
9548	9/12/2019 12:42:36		-122.360	37.717	2088713.579	6023725.992		2050.629	RS-700	-0.61239490566
9549	9/12/2019 12:42:37		-122.360	37.717	2088714.922	6023724.370		2045.932	RS-700	-0.64193729560
9550	9/12/2019 12:42:38		-122.360	37.717	2088715.970	6023722.944		1987.206	RS-700	-1.01128075472
9551	9/12/2019 12:42:39		-122.360	37.717	2088716.868	6023721.776		2060.631	RS-700	-0.54948867925
9552	9/12/2019 12:42:40		-122.360	37.717	2088717.758	6023720.954		2015.625	RS-700	-0.83254962264
9553	9/12/2019 12:42:41		-122.360	37.717	2088718.383	6023720.677		2069.428	RS-700	-0.49416452830
9554	9/12/2019 12:42:42		-122.360	37.717	2088718.639	6023720.596		2034.032	RS-700	-0.71678238994
9555	9/12/2019 12:42:43		-122.360	37.717	2088719.408	6023720.408		2076.040	RS-700	-0.45257761006
9556	9/12/2019 12:42:44		-122.360	37.717	2088720.579	6023720.113		2057.939	RS-700	-0.56642163522
9557	9/12/2019 12:42:45		-122.360	37.717	2088722.199	6023719.249		2057.634	RS-700	-0.56833987421
9558	9/12/2019 12:42:46		-122.360	37.717	2088723.605	6023718.091		2124.972	RS-700	-0.14483150943
9559	9/12/2019 12:42:47		-122.360	37.717	2088724.727	6023716.637		2142.336	RS-700	-0.03562044025
9560	9/12/2019 12:42:48		-122.360	37.717	2088725.144	6023715.807		2059.732	RS-700	-0.55514308176
9561	9/12/2019 12:42:49		-122.360	37.717	2088725.649	6023714.226		2049.838	RS-700	-0.61737150943
9562	9/12/2019 12:42:50		-122.360	37.717	2088726.051	6023712.295		1989.210	RS-700	-0.99867842767
9563	9/12/2019 12:42:51		-122.360	37.717	2088726.079	6023710.907		2050.631	RS-700	-0.61238213837
9564	9/12/2019 12:42:52		-122.360	37.717	2088726.194	6023710.620		2038.243	RS-700	-0.69029660377
9565	9/12/2019 12:42:53		-122.360	37.717	2088726.423	6023710.104		2027.827	RS-700	-0.75580679245
9566	9/12/2019 12:42:54		-122.360	37.717	2088726.882	6023708.985		1982.915	RS-700	-1.03826842767
9567	9/12/2019 12:42:55		-122.360	37.717	2088727.114	6023708.295		2014.803	RS-700	-0.83771937107
9568	9/12/2019 12:42:56		-122.360	37.717	2088727.642	6023707.409		2046.830	RS-700	-0.63628842767
9569	9/12/2019 12:42:57		-122.360	37.717	2088728.316	6023706.467		2019.031	RS-700	-0.81112465409
9570	9/12/2019 12:42:58		-122.360	37.717	2088728.990	6023705.526		1896.066	RS-700	-1.58449138365
9571	9/12/2019 12:42:59		-122.360	37.717	2088730.412	6023703.645		2003.515	RS-700	-0.90870761006
9572	9/12/2019 12:43:00		-122.360	37.717	2088731.906	6023701.736		1882.379	RS-700	-1.67057100629
9573	9/12/2019 12:43:01		-122.360	37.717	2088733.406	6023699.596		1972.817	RS-700	-1.10178201258
9574	9/12/2019 12:43:02		-122.360	37.717	2088734.314	6023697.878		2033.837	RS-700	-0.71800867925
9575	9/12/2019 12:43:03		-122.360	37.717	2088735.342	6023695.613		1756.447	RS-700	-2.46259974843
9576	9/12/2019 12:43:04		-122.360	37.717	2088736.837	6023693.676		1571.234	RS-700	-3.62745729560

Gamma Scan Survey Results
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SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
9577	9/12/2019 12:43:05		-122.360	37.717	2088737.854	6023691.989		1597.078	RS-700	-3.46491515723
9578	9/12/2019 12:43:06		-122.360	37.717	2088739.351	6023689.965		1579.327	RS-700	-3.57655716981
9579	9/12/2019 12:43:07		-122.360	37.717	2088741.063	6023688.147		1854.463	RS-700	-1.84614647799
9580	9/12/2019 12:43:08		-122.360	37.717	2088742.561	6023686.036		1933.984	RS-700	-1.34601358491
9581	9/12/2019 12:43:09		-122.360	37.717	2088744.207	6023683.841		1988.206	RS-700	-1.00499220126
9582	9/12/2019 12:43:10		-122.360	37.717	2088745.592	6023681.988		2002.513	RS-700	-0.91501138365
9583	9/12/2019 12:43:11		-122.360	37.717	2088746.640	6023680.563		1958.406	RS-700	-1.19241597484
9584	9/12/2019 12:43:12		-122.360	37.717	2088747.620	6023678.875		1925.492	RS-700	-1.39941981132
9585	9/12/2019 12:43:13		-122.360	37.717	2088749.152	6023676.938		2008.617	RS-700	-0.87662157233
9586	9/12/2019 12:43:14		-122.360	37.717	2088750.498	6023675.171		1990.909	RS-700	-0.98799320755
9587	9/12/2019 12:43:15		-122.360	37.717	2088752.287	6023673.124		2046.424	RS-700	-0.63884503145
9588	9/12/2019 12:43:16		-122.360	37.717	2088754.041	6023671.018		1918.780	RS-700	-1.44163566038
9589	9/12/2019 12:43:17		-122.360	37.717	2088755.761	6023668.738		1990.113	RS-700	-0.99300270440
9590	9/12/2019 12:43:18		-122.360	37.717	2088757.553	6023666.546		1746.286	RS-700	-2.52650207547
9591	9/12/2019 12:43:19		-122.360	37.717	2088759.381	6023664.354		1994.516	RS-700	-0.96530515723
9592	9/12/2019 12:43:20		-122.360	37.717	2088761.065	6023662.073		2173.450	RS-700	0.16006182390
9593	9/12/2019 12:43:21		-122.360	37.717	2088762.713	6023659.792		2126.079	RS-700	-0.13787031447
9594	9/12/2019 12:43:22		-122.360	37.717	2088764.473	6023657.368		2137.975	RS-700	-0.06304767296
9595	9/12/2019 12:43:23		-122.360	37.717	2088766.195	6023655.030		2097.958	RS-700	-0.31472987421
9596	9/12/2019 12:43:24		-122.360	37.717	2088768.240	6023652.900		2031.824	RS-700	-0.73066534591
9597	9/12/2019 12:43:25		-122.360	37.717	2088769.665	6023650.817		2015.031	RS-700	-0.83628113208
9598	9/12/2019 12:43:26		-122.360	37.717	2088770.532	6023649.330		2007.826	RS-700	-0.88159874214
9599	9/12/2019 12:43:27		-122.360	37.717	2088771.914	6023647.621		2126.080	RS-700	-0.13786132076
9600	9/12/2019 12:43:28		-122.360	37.717	2088773.518	6023645.715		2123.756	RS-700	-0.15247522013
9601	9/12/2019 12:43:29		-122.360	37.717	2088775.237	6023643.492		1959.703	RS-700	-1.18425698113
9602	9/12/2019 12:43:30		-122.360	37.717	2088776.987	6023641.560		2032.127	RS-700	-0.72875968554
9603	9/12/2019 12:43:31		-122.360	37.717	2088778.669	6023639.424		2096.527	RS-700	-0.32373188679
9604	9/12/2019 12:43:32		-122.360	37.717	2088780.206	6023637.227		2136.877	RS-700	-0.06995377358
9605	9/12/2019 12:43:33		-122.360	37.717	2088781.887	6023635.090		2024.823	RS-700	-0.77469899371
9606	9/12/2019 12:43:34		-122.360	37.717	2088783.639	6023633.071		2117.121	RS-700	-0.19420528302
9607	9/12/2019 12:43:35		-122.360	37.717	2088785.176	6023630.845		2012.820	RS-700	-0.85018716981
9608	9/12/2019 12:43:36		-122.360	37.717	2088786.715	6023628.561		2063.426	RS-700	-0.53191226415
9609	9/12/2019 12:43:37		-122.360	37.717	2088788.324	6023626.365		2091.279	RS-700	-0.35673364780
9610	9/12/2019 12:43:38		-122.360	37.717	2088790.080	6023624.144		1993.907	RS-700	-0.96913792453
9611	9/12/2019 12:43:39		-122.360	37.717	2088791.836	6023621.951		2052.249	RS-700	-0.60220899371
9612	9/12/2019 12:43:40		-122.360	37.717	2088793.516	6023619.872		2002.815	RS-700	-0.91311566038
9613	9/12/2019 12:43:41		-122.360	37.717	2088795.196	6023617.794		2052.731	RS-700	-0.59917528302
9614	9/12/2019 12:43:42		-122.360	37.717	2088796.844	6023615.483		2086.541	RS-700	-0.38653672956
9615	9/12/2019 12:43:43		-122.360	37.717	2088798.638	6023613.205		2029.526	RS-700	-0.74511867925
9616	9/12/2019 12:43:44		-122.360	37.717	2088800.466	6023611.013		2036.237	RS-700	-0.70291037736
9617	9/12/2019 12:43:45		-122.360	37.717	2088802.297	6023608.648		2140.875	RS-700	-0.04481415094
9618	9/12/2019 12:43:46		-122.360	37.717	2088804.052	6023606.485		2068.053	RS-700	-0.50281094340
9619	9/12/2019 12:43:47		-122.360	37.717	2088805.771	6023604.291		2026.731	RS-700	-0.76269584906
9620	9/12/2019 12:43:48		-122.360	37.717	2088807.491	6023602.040		2003.112	RS-700	-0.91124761006
9621	9/12/2019 12:43:49		-122.360	37.717	2088809.065	6023599.815		1971.809	RS-700	-1.10811962264
9622	9/12/2019 12:43:50		-122.360	37.717	2088810.639	6023597.560		2129.550	RS-700	-0.11603465409
9623	9/12/2019 12:43:51		-122.360	37.717	2088812.359	6023595.338		1983.817	RS-700	-1.03260062893
9624	9/12/2019 12:43:52		-122.360	37.717	2088813.935	6023592.997		2028.218	RS-700	-0.75334899371
9625	9/12/2019 12:43:53		-122.360	37.717	2088815.618	6023590.774		2051.941	RS-700	-0.60414383648
9626	9/12/2019 12:43:54		-122.360	37.717	2088817.300	6023588.609		2086.538	RS-700	-0.38655654088
9627	9/12/2019 12:43:55		-122.360	37.717	2088818.983	6023586.385		2102.845	RS-700	-0.28399610063
9628	9/12/2019 12:43:56		-122.360	37.717	2088820.590	6023584.334		2073.443	RS-700	-0.46891113208
9629	9/12/2019 12:43:57		-122.360	37.717	2088822.196	6023582.283		2141.411	RS-700	-0.04144283019
9630	9/12/2019 12:43:58		-122.360	37.717	2088823.691	6023580.375		2127.762	RS-700	-0.12728358491
9631	9/12/2019 12:43:59		-122.360	37.717	2088824.960	6023578.809		2040.529	RS-700	-0.67591553459
9632	9/12/2019 12:44:00		-122.360	37.717	2088826.180	6023577.907		2112.663	RS-700	-0.22224220126
9633	9/12/2019 12:44:01		-122.360	37.717	2088827.389	6023577.555		2139.873	RS-700	-0.05111522013
9634	9/12/2019 12:44:02		-122.360	37.717	2088828.522	6023577.375		2138.871	RS-700	-0.05741283019
9635	9/12/2019 12:44:03		-122.360	37.717	2088829.951	6023576.941		2035.424	RS-700	-0.70802446541
9636	9/12/2019 12:44:04		-122.360	37.717	2088831.346	6023576.361		2063.947	RS-700	-0.52863591195
9637	9/12/2019 12:44:05		-122.360	37.717	2088832.494	6023575.429		2060.439	RS-700	-0.55069716981

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SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
9638	9/12/2019 12:44:06		-122.360	37.717	2088833.211	6023574.141		2080.160	RS-700	-0.42666490566
9639	9/12/2019 12:44:07		-122.360	37.717	2088833.494	6023572.729		2063.533	RS-700	-0.53124075472
9640	9/12/2019 12:44:08		-122.360	37.717	2088833.634	6023571.199		2133.658	RS-700	-0.09019993711
9641	9/12/2019 12:44:09		-122.360	37.717	2088833.703	6023569.551		2067.631	RS-700	-0.50546377359
9642	9/12/2019 12:44:10		-122.360	37.717	2088833.363	6023568.329		2107.377	RS-700	-0.25549106918
9643	9/12/2019 12:44:11		-122.360	37.717	2088833.428	6023566.913		2144.874	RS-700	-0.01965968553
9644	9/12/2019 12:44:12		-122.360	37.717	2088834.114	6023565.364		2165.776	RS-700	0.11180100629
9645	9/12/2019 12:44:13		-122.360	37.717	2088835.460	6023563.598		2038.528	RS-700	-0.68850578616
9646	9/12/2019 12:44:14		-122.360	37.717	2088837.031	6023561.546		2031.128	RS-700	-0.73504553459
9647	9/12/2019 12:44:15		-122.360	37.717	2088838.715	6023559.265		1977.110	RS-700	-1.07478289308
9648	9/12/2019 12:44:16		-122.361	37.717	2088840.545	6023556.958		2209.004	RS-700	0.38367327044
9649	9/12/2019 12:44:17		-122.361	37.717	2088842.449	6023554.623		2060.640	RS-700	-0.54943528302
9650	9/12/2019 12:44:18		-122.361	37.717	2088844.171	6023552.285		1724.677	RS-700	-2.66241000000
9651	9/12/2019 12:44:19		-122.361	37.717	2088845.817	6023550.062		1539.104	RS-700	-3.82953157233
9652	9/12/2019 12:44:20		-122.361	37.717	2088847.536	6023547.897		1610.240	RS-700	-3.38213534591
9653	9/12/2019 12:44:21		-122.361	37.717	2088849.399	6023545.764		2040.822	RS-700	-0.67407540881
9654	9/12/2019 12:44:22		-122.361	37.717	2088851.190	6023543.601		2127.187	RS-700	-0.13090056604
9655	9/12/2019 12:44:23		-122.361	37.717	2088852.946	6023541.379		2043.833	RS-700	-0.65513830189
9656	9/12/2019 12:44:24		-122.361	37.717	2088854.631	6023539.070		2175.992	RS-700	0.17604729560
9657	9/12/2019 12:44:25		-122.361	37.717	2088856.535	6023536.735		2115.746	RS-700	-0.20285723270
9658	9/12/2019 12:44:26		-122.361	37.717	2088858.221	6023534.367		1995.123	RS-700	-0.96148955975
9659	9/12/2019 12:44:27		-122.361	37.717	2088859.945	6023531.914		1890.831	RS-700	-1.61741553459
9660	9/12/2019 12:44:28		-122.361	37.717	2088861.669	6023529.431		2016.126	RS-700	-0.82939584906
9661	9/12/2019 12:44:29		-122.361	37.717	2088863.391	6023527.093		2039.830	RS-700	-0.68031163522
9662	9/12/2019 12:44:30		-122.361	37.717	2088865.221	6023524.815		2029.420	RS-700	-0.74578509434
9663	9/12/2019 12:44:31		-122.361	37.717	2088867.014	6023522.565		2026.826	RS-700	-0.76209830189
9664	9/12/2019 12:44:32		-122.361	37.717	2088868.807	6023520.286		2063.629	RS-700	-0.53063522013
9665	9/12/2019 12:44:33		-122.361	37.717	2088870.417	6023518.091		2031.524	RS-700	-0.73255509434
9666	9/12/2019 12:44:34		-122.361	37.717	2088872.025	6023515.982		2113.971	RS-700	-0.21401830189
9667	9/12/2019 12:44:35		-122.361	37.717	2088873.373	6023514.099		1999.917	RS-700	-0.93133792453
9668	9/12/2019 12:44:36		-122.361	37.717	2088874.568	6023512.619		1816.194	RS-700	-2.08683295597
9669	9/12/2019 12:44:37		-122.361	37.717	2088875.130	6023511.849		1870.671	RS-700	-1.74420647799
9670	9/12/2019 12:44:38		-122.361	37.717	2088875.614	6023511.280		1955.894	RS-700	-1.20821396226
9671	9/12/2019 12:44:39		-122.361	37.717	2088876.288	6023510.396		2131.762	RS-700	-0.10212490566
9672	9/12/2019 12:44:40		-122.361	37.717	2088876.884	6023509.714		2125.429	RS-700	-0.14195320755
9673	9/12/2019 12:44:41		-122.361	37.717	2088877.654	6023507.588		2214.556	RS-700	0.41859188679
9674	9/12/2019 12:44:42		-122.361	37.717	2088877.964	6023504.846		2175.858	RS-700	0.17520742138
9675	9/12/2019 12:44:43		-122.361	37.717	2088877.960	6023503.197		2165.447	RS-700	0.10972899371
9676	9/12/2019 12:44:44		-122.361	37.717	2088878.014	6023502.330		2093.272	RS-700	-0.34420339623
9677	9/12/2019 12:44:45		-122.361	37.717	2088877.819	6023501.169		2129.173	RS-700	-0.11841119497
9678	9/12/2019 12:44:46		-122.361	37.717	2088877.961	6023501.345		2110.973	RS-700	-0.23287654088
9679	9/12/2019 12:44:47		-122.361	37.717	2088878.603	6023502.023		2127.541	RS-700	-0.12867062893
9680	9/12/2019 12:44:48		-122.361	37.717	2088879.971	6023502.803		2165.209	RS-700	0.10823389937
9681	9/12/2019 12:44:49		-122.361	37.717	2088880.869	6023503.428		2215.236	RS-700	0.42286792453
9682	9/12/2019 12:44:50		-122.361	37.717	2088882.836	6023503.438		2140.550	RS-700	-0.04685496855
9683	9/12/2019 12:44:51		-122.361	37.717	2088881.435	6023502.456		2177.769	RS-700	0.18722710692
9684	9/12/2019 12:44:52		-122.361	37.717	2088877.116	6023501.705		2166.449	RS-700	0.11603213837
9685	9/12/2019 12:44:53		-122.361	37.717	2088875.246	6023502.333		2086.370	RS-700	-0.38760968554
9686	9/12/2019 12:44:54		-122.361	37.717	2088873.806	6023503.346		2010.211	RS-700	-0.86659981132
9687	9/12/2019 12:44:55		-122.361	37.717	2088872.867	6023504.774		2051.734	RS-700	-0.60544905660
9688	9/12/2019 12:44:56		-122.361	37.717	2088872.841	6023506.075		2054.235	RS-700	-0.58971761006
9689	9/12/2019 12:44:57		-122.361	37.717	2088872.857	6023507.088		1992.819	RS-700	-0.97598264151
9690	9/12/2019 12:44:58		-122.361	37.717	2088872.780	6023507.318		2098.852	RS-700	-0.30910811321
9691	9/12/2019 12:44:59		-122.361	37.717	2088872.889	6023507.291		2138.977	RS-700	-0.05674679245
9692	9/12/2019 12:45:00		-122.361	37.717	2088872.889	6023507.291		2104.856	RS-700	-0.27134559748
9693	9/12/2019 12:45:01		-122.361	37.717	2088872.853	6023507.319		2097.064	RS-700	-0.32034981132
9694	9/12/2019 12:45:02		-122.361	37.717	2088872.816	6023507.347		2093.062	RS-700	-0.34552169811
9695	9/12/2019 12:45:03		-122.361	37.717	2088872.816	6023507.318		2111.755	RS-700	-0.22795622642
9696	9/12/2019 12:45:04		-122.361	37.717	2088872.743	6023507.317		2028.028	RS-700	-0.75453924528
9697	9/12/2019 12:45:05		-122.361	37.717	2088872.598	6023507.314		2093.849	RS-700	-0.34057408805
9698	9/12/2019 12:45:06		-122.361	37.717	2088872.635	6023507.286		1988.713	RS-700	-1.00180742138

Gamma Scan Survey Results
Survey Unit 4 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
9699	9/12/2019 12:45:07		-122.361	37.717	2088872.635	6023507.286		2054.746	RS-700	-0.58650301887
9700	9/12/2019 12:45:08		-122.361	37.717	2088872.367	6023507.917		1920.595	RS-700	-1.43021798742
9701	9/12/2019 12:45:09		-122.361	37.717	2088872.136	6023508.578		1956.702	RS-700	-1.20313150943
9702	9/12/2019 12:45:10		-122.361	37.717	2088872.441	6023507.890		2089.959	RS-700	-0.36503698113
9703	9/12/2019 12:45:11		-122.361	37.717	2088872.743	6023507.346		2049.847	RS-700	-0.61731597484
9704	9/12/2019 12:45:12		-122.361	37.717	2088872.169	6023508.723		1755.524	RS-700	-2.46840389937
9705	9/12/2019 12:45:13		-122.361	37.717	2088870.598	6023510.833		1958.405	RS-700	-1.19242106918
9706	9/12/2019 12:45:14		-122.361	37.717	2088869.632	6023511.768		2017.727	RS-700	-0.81932402516
9707	9/12/2019 12:45:15		-122.361	37.717	2088868.472	6023513.307		2034.324	RS-700	-0.71494578616
9708	9/12/2019 12:45:16		-122.361	37.717	2088867.042	6023515.651		2022.521	RS-700	-0.78917918239
9709	9/12/2019 12:45:17		-122.361	37.717	2088865.496	6023518.311		2029.721	RS-700	-0.74389389937
9710	9/12/2019 12:45:18		-122.361	37.717	2088863.623	6023520.907		2034.619	RS-700	-0.71308591195
9711	9/12/2019 12:45:19		-122.361	37.717	2088861.682	6023523.298		2143.990	RS-700	-0.02522251572
9712	9/12/2019 12:45:20		-122.361	37.717	2088859.883	6023525.837		2047.534	RS-700	-0.63186415094
9713	9/12/2019 12:45:21		-122.361	37.717	2088858.054	6023528.115		2026.318	RS-700	-0.76529817610
9714	9/12/2019 12:45:22		-122.361	37.717	2088856.187	6023530.392		2050.629	RS-700	-0.61239540881
9715	9/12/2019 12:45:23		-122.361	37.717	2088854.247	6023532.726		2098.543	RS-700	-0.31105169811
9716	9/12/2019 12:45:24		-122.361	37.717	2088852.525	6023535.093		2074.843	RS-700	-0.46010773585
9717	9/12/2019 12:45:25		-122.361	37.717	2088850.620	6023537.457		2109.437	RS-700	-0.24253245283
9718	9/12/2019 12:45:26		-122.361	37.717	2088848.859	6023539.938		2105.224	RS-700	-0.26903031447
9719	9/12/2019 12:45:27		-122.361	37.717	2088846.994	6023542.158		1766.899	RS-700	-2.39686144654
9720	9/12/2019 12:45:28		-122.361	37.717	2088845.345	6023544.497		1472.266	RS-700	-4.24990050314
9721	9/12/2019 12:45:29		-122.361	37.717	2088843.699	6023546.692		1386.316	RS-700	-4.79046654088
9722	9/12/2019 12:45:30		-122.361	37.717	2088841.798	6023548.882		1789.831	RS-700	-2.25263408805
9723	9/12/2019 12:45:31		-122.361	37.717	2088839.934	6023551.073		2201.679	RS-700	0.33760308176
9724	9/12/2019 12:45:32		-122.361	37.717	2088838.141	6023553.323		1981.971	RS-700	-1.04420635220
9725	9/12/2019 12:45:33		-122.361	37.717	2088836.426	6023555.314		1776.489	RS-700	-2.33654452830
9726	9/12/2019 12:45:34		-122.360	37.717	2088834.673	6023557.391		2091.849	RS-700	-0.35315081761
9727	9/12/2019 12:45:35		-122.360	37.717	2088832.961	6023559.237		2061.461	RS-700	-0.54426905660
9728	9/12/2019 12:45:36		-122.360	37.717	2088831.576	6023561.148		2079.324	RS-700	-0.43192503145
9729	9/12/2019 12:45:37		-122.360	37.717	2088830.336	6023563.033		2111.985	RS-700	-0.22651125786
9730	9/12/2019 12:45:38		-122.360	37.717	2088829.250	6023564.573		2145.421	RS-700	-0.01621924528
9731	9/12/2019 12:45:39		-122.360	37.717	2088827.847	6023565.500		2116.647	RS-700	-0.19718584906
9732	9/12/2019 12:45:40		-122.360	37.717	2088826.823	6023565.740		2089.642	RS-700	-0.36702974843
9733	9/12/2019 12:45:41		-122.360	37.717	2088825.616	6023566.006		2057.633	RS-700	-0.56834352201
9734	9/12/2019 12:45:42		-122.360	37.717	2088824.147	6023566.613		2129.079	RS-700	-0.11899698113
9735	9/12/2019 12:45:43		-122.360	37.717	2088822.742	6023567.684		2092.651	RS-700	-0.34810918239
9736	9/12/2019 12:45:44		-122.360	37.717	2088821.802	6023569.141		2111.643	RS-700	-0.22866088050
9737	9/12/2019 12:45:45		-122.360	37.717	2088821.372	6023570.608		2072.845	RS-700	-0.47267289308
9738	9/12/2019 12:45:46		-122.360	37.717	2088821.458	6023571.796		2143.874	RS-700	-0.02594893082
9739	9/12/2019 12:45:47		-122.360	37.717	2088821.835	6023572.961		2058.943	RS-700	-0.56010974843
9740	9/12/2019 12:45:48		-122.360	37.717	2088821.995	6023574.092		2045.343	RS-700	-0.64564056604
9741	9/12/2019 12:45:49		-122.360	37.717	2088821.672	6023575.706		2124.078	RS-700	-0.15045402516
9742	9/12/2019 12:45:50		-122.360	37.717	2088820.847	6023576.904		2115.760	RS-700	-0.20276811321
9743	9/12/2019 12:45:51		-122.360	37.717	2088819.589	6023577.892		2003.116	RS-700	-0.91121836478
9744	9/12/2019 12:45:52		-122.360	37.717	2088817.989	6023579.596		2133.765	RS-700	-0.08953031447
9745	9/12/2019 12:45:53		-122.360	37.717	2088816.200	6023581.643		2037.832	RS-700	-0.69287792453
9746	9/12/2019 12:45:54		-122.360	37.717	2088814.297	6023583.949		2059.836	RS-700	-0.55448924528
9747	9/12/2019 12:45:55		-122.360	37.717	2088812.429	6023586.313		2035.034	RS-700	-0.71047974843
9748	9/12/2019 12:45:56		-122.360	37.717	2088810.634	6023588.650		2008.820	RS-700	-0.87534352201
9749	9/12/2019 12:45:57		-122.360	37.717	2088808.915	6023590.872		2000.616	RS-700	-0.92694440252
9750	9/12/2019 12:45:58		-122.360	37.717	2088807.302	6023593.212		2057.719	RS-700	-0.56780427673
9751	9/12/2019 12:45:59		-122.360	37.717	2088805.617	6023595.522		2009.218	RS-700	-0.87284389937
9752	9/12/2019 12:46:00		-122.360	37.717	2088803.969	6023597.862		2046.322	RS-700	-0.63948371069
9753	9/12/2019 12:46:01		-122.360	37.717	2088802.209	6023600.257		2099.381	RS-700	-0.30577974843
9754	9/12/2019 12:46:02		-122.360	37.717	2088800.450	6023602.623		2093.636	RS-700	-0.34191220126
9755	9/12/2019 12:46:03		-122.360	37.717	2088798.654	6023605.075		2062.849	RS-700	-0.53554389937
9756	9/12/2019 12:46:04		-122.360	37.717	2088796.785	6023607.497		2070.637	RS-700	-0.48656251572
9757	9/12/2019 12:46:05		-122.360	37.717	2088794.987	6023609.979		2233.136	RS-700	0.53544767296
9758	9/12/2019 12:46:06		-122.360	37.717	2088793.154	6023612.430		2068.860	RS-700	-0.49773308176
9759	9/12/2019 12:46:07		-122.360	37.717	2088791.286	6023614.794		2019.921	RS-700	-0.80552660377

Gamma Scan Survey Results
Survey Unit 4 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
9760	9/12/2019 12:46:08		-122.360	37.717	2088789.453	6023617.217		1982.808	RS-700	-1.03894295597
9761	9/12/2019 12:46:09		-122.360	37.717	2088787.692	6023619.728		1961.506	RS-700	-1.17291886792
9762	9/12/2019 12:46:10		-122.360	37.717	2088785.895	6023622.180		1994.514	RS-700	-0.96532333333
9763	9/12/2019 12:46:11		-122.360	37.717	2088784.060	6023624.689		2106.864	RS-700	-0.25871415094
9764	9/12/2019 12:46:12		-122.360	37.717	2088782.225	6023627.228		2003.725	RS-700	-0.90738710692
9765	9/12/2019 12:46:13		-122.360	37.717	2088782.935	6023630.019		2001.707	RS-700	-0.92008446541
9766	9/12/2019 12:46:14		-122.360	37.717	2088781.065	6023632.441		2034.625	RS-700	-0.71304767296
9767	9/12/2019 12:46:15		-122.360	37.717	2088779.198	6023634.805		2054.630	RS-700	-0.58722968554
9768	9/12/2019 12:46:16		-122.360	37.717	2088777.256	6023637.197		2036.624	RS-700	-0.70047792453
9769	9/12/2019 12:46:17		-122.360	37.717	2088775.423	6023639.648		2114.334	RS-700	-0.21173591195
9770	9/12/2019 12:46:18		-122.360	37.717	2088773.342	6023641.719		1982.204	RS-700	-1.04274264151
9771	9/12/2019 12:46:19		-122.360	37.717	2088771.732	6023643.944		2047.041	RS-700	-0.63496383648
9772	9/12/2019 12:46:20		-122.360	37.717	2088770.245	6023645.476		1946.412	RS-700	-1.26784767296
9773	9/12/2019 12:46:21		-122.360	37.717	2088768.829	6023647.068		2010.327	RS-700	-0.86586930818
9774	9/12/2019 12:46:22		-122.360	37.717	2088767.158	6023648.713		2106.865	RS-700	-0.25871000000
9775	9/12/2019 12:46:23		-122.360	37.717	2088765.264	6023650.527		1998.807	RS-700	-0.93832339623
9776	9/12/2019 12:46:24		-122.360	37.717	2088763.875	6023652.640		2056.350	RS-700	-0.57641584906
9777	9/12/2019 12:46:25		-122.360	37.717	2088762.736	6023654.990		2149.662	RS-700	0.01045188679
9778	9/12/2019 12:46:26		-122.360	37.717	2088761.019	6023657.068		2129.667	RS-700	-0.11530471698
9779	9/12/2019 12:46:27		-122.360	37.717	2088758.867	6023659.050		2016.516	RS-700	-0.82694220126
9780	9/12/2019 12:46:28		-122.360	37.717	2088756.747	6023661.264		2001.433	RS-700	-0.92180698113
9781	9/12/2019 12:46:29		-122.360	37.717	2088754.842	6023663.657		2033.426	RS-700	-0.72059339623
9782	9/12/2019 12:46:30		-122.360	37.717	2088752.792	6023666.046		2011.717	RS-700	-0.85712421384
9783	9/12/2019 12:46:31		-122.360	37.717	2088750.816	6023668.350		1988.907	RS-700	-1.00058578616
9784	9/12/2019 12:46:32		-122.360	37.717	2088748.804	6023670.625		1951.896	RS-700	-1.23335993711
9785	9/12/2019 12:46:33		-122.360	37.717	2088746.901	6023672.901		1971.102	RS-700	-1.11256553459
9786	9/12/2019 12:46:34		-122.360	37.717	2088745.073	6023675.093		1928.500	RS-700	-1.38050553459
9787	9/12/2019 12:46:35		-122.360	37.717	2088743.209	6023677.254		2030.727	RS-700	-0.73756792453
9788	9/12/2019 12:46:36		-122.360	37.717	2088741.672	6023679.480		1902.690	RS-700	-1.54282955975
9789	9/12/2019 12:46:37		-122.360	37.717	2088740.099	6023681.677		1915.984	RS-700	-1.45921993711
9790	9/12/2019 12:46:38		-122.360	37.717	2088738.851	6023683.966		1512.313	RS-700	-3.99803402516
9791	9/12/2019 12:46:39		-122.360	37.717	2088737.317	6023686.019		1168.300	RS-700	-6.16163610063
9792	9/12/2019 12:46:40		-122.360	37.717	2088735.793	6023687.609		1231.439	RS-700	-5.76453207547
9793	9/12/2019 12:46:41		-122.360	37.717	2088734.048	6023689.252		1644.191	RS-700	-3.16861194969
9794	9/12/2019 12:46:42		-122.360	37.717	2088733.114	6023690.448		1959.177	RS-700	-1.18756786164
9795	9/12/2019 12:46:43		-122.360	37.717	2088731.838	6023692.361		2018.823	RS-700	-0.81243509434
9796	9/12/2019 12:46:44		-122.360	37.717	2088730.489	6023694.273		1896.064	RS-700	-1.58450566038
9797	9/12/2019 12:46:45		-122.360	37.717	2088728.989	6023696.442		1764.285	RS-700	-2.41330352201
9798	9/12/2019 12:46:46		-122.360	37.717	2088727.270	6023698.635		1988.724	RS-700	-1.00173622642
9799	9/12/2019 12:46:47		-122.360	37.717	2088725.653	6023701.207		1999.555	RS-700	-0.93361408805
9800	9/12/2019 12:46:48		-122.360	37.717	2088724.001	6023703.691		2110.647	RS-700	-0.23492371069
9801	9/12/2019 12:46:49		-122.360	37.717	2088722.605	6023706.122		2119.652	RS-700	-0.17829238994
9802	9/12/2019 12:46:50		-122.360	37.717	2088721.366	6023708.007		1996.915	RS-700	-0.95022320755
9803	9/12/2019 12:46:51		-122.360	37.717	2088720.255	6023708.940		2056.944	RS-700	-0.57268025157
9804	9/12/2019 12:46:52		-122.360	37.717	2088719.485	6023709.185		2023.414	RS-700	-0.78356044025
9805	9/12/2019 12:46:53		-122.360	37.717	2088718.424	6023709.424		2039.241	RS-700	-0.68401918239
9806	9/12/2019 12:46:54		-122.360	37.717	2088717.326	6023709.692		2062.531	RS-700	-0.53754371069
9807	9/12/2019 12:46:55		-122.360	37.717	2088716.037	6023710.418		2074.053	RS-700	-0.46507301887
9808	9/12/2019 12:46:56		-122.360	37.717	2088714.919	6023711.698		2147.637	RS-700	-0.00228471698
9809	9/12/2019 12:46:57		-122.360	37.717	2088714.415	6023713.221		2088.958	RS-700	-0.37133628931
9810	9/12/2019 12:46:58		-122.360	37.717	2088714.605	6023714.700		2066.636	RS-700	-0.51172025157
9811	9/12/2019 12:46:59		-122.360	37.717	2088714.759	6023716.092		2016.823	RS-700	-0.82501169811
9812	9/12/2019 12:47:00		-122.360	37.717	2088715.017	6023717.746		2099.752	RS-700	-0.30344937107
9813	9/12/2019 12:47:01		-122.360	37.717	2088715.023	6023719.280		2034.629	RS-700	-0.71302767296
9814	9/12/2019 12:47:02		-122.360	37.717	2088714.301	6023720.828		2004.727	RS-700	-0.90109069182
9815	9/12/2019 12:47:03		-122.360	37.717	2088712.844	6023722.650		2046.946	RS-700	-0.63556100629
9816	9/12/2019 12:47:04		-122.360	37.717	2088711.236	6023724.759		2072.531	RS-700	-0.47464641509
9817	9/12/2019 12:47:05		-122.360	37.717	2088709.553	6023727.011		2073.627	RS-700	-0.46775207547
9818	9/12/2019 12:47:06		-122.360	37.717	2088707.798	6023729.175		1983.311	RS-700	-1.03577993711
9819	9/12/2019 12:47:07		-122.360	37.717	2088706.008	6023731.280		1949.502	RS-700	-1.24841295597
9820	9/12/2019 12:47:08		-122.360	37.717	2088704.254	6023733.415		2008.917	RS-700	-0.87473283019

Gamma Scan Survey Results
Survey Unit 4 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
9821	9/12/2019 12:47:09		-122.360	37.717	2088702.533	6023735.696		2091.645	RS-700	-0.35443471698
9822	9/12/2019 12:47:10		-122.360	37.716	2088700.886	6023737.948		2082.846	RS-700	-0.40977276730
9823	9/12/2019 12:47:11		-122.360	37.716	2088699.132	6023740.083		1953.895	RS-700	-1.22078364780
9824	9/12/2019 12:47:12		-122.360	37.716	2088697.343	6023742.131		1987.008	RS-700	-1.01252616352
9825	9/12/2019 12:47:13		-122.360	37.716	2088695.661	6023744.296		2005.720	RS-700	-0.89484559748
9826	9/12/2019 12:47:14		-122.360	37.716	2088694.016	6023746.462		2093.162	RS-700	-0.34489496855
9827	9/12/2019 12:47:15		-122.360	37.716	2088692.227	6023748.481		1999.415	RS-700	-0.93449465409
9828	9/12/2019 12:47:16		-122.360	37.716	2088690.436	6023750.673		1969.396	RS-700	-1.12329327044
9829	9/12/2019 12:47:17		-122.360	37.716	2088688.608	6023752.835		1998.917	RS-700	-0.93762974843
9830	9/12/2019 12:47:18		-122.360	37.716	2088686.893	6023754.826		2016.522	RS-700	-0.82690880503
9831	9/12/2019 12:47:19		-122.360	37.716	2088685.358	6023756.936		1997.414	RS-700	-0.94707905660
9832	9/12/2019 12:47:20		-122.360	37.716	2088683.859	6023759.076		2002.926	RS-700	-0.91241559748
9833	9/12/2019 12:47:21		-122.360	37.716	2088682.140	6023761.299		2052.147	RS-700	-0.60284911950
9834	9/12/2019 12:47:22		-122.360	37.716	2088680.167	6023763.429		2123.653	RS-700	-0.15312421384
9835	9/12/2019 12:47:23		-122.360	37.716	2088678.518	6023765.769		2085.534	RS-700	-0.39286761006
9836	9/12/2019 12:47:24		-122.360	37.716	2088676.614	6023768.132		2151.665	RS-700	0.02304823899
9837	9/12/2019 12:47:25		-122.360	37.716	2088674.819	6023770.469		2070.052	RS-700	-0.49024088050
9838	9/12/2019 12:47:26		-122.360	37.716	2088673.240	6023772.984		2040.423	RS-700	-0.67658635220
9839	9/12/2019 12:47:27		-122.360	37.716	2088671.447	6023775.205		2072.156	RS-700	-0.47700320755
9840	9/12/2019 12:47:28		-122.360	37.716	2088669.580	6023777.540		2161.891	RS-700	-0.10002639296
9841	9/12/2019 12:47:29		-122.360	37.716	2088667.929	6023779.966		2404.855	RS-700	0.61247903226
9842	9/12/2019 12:47:30		-122.360	37.716	2088666.142	6023781.927		2451.005	RS-700	0.74781554252
9843	9/12/2019 12:47:31		-122.360	37.716	2088664.649	6023783.749		1998.313	RS-700	-0.57972771261
9844	9/12/2019 12:47:32		-122.360	37.716	2088662.973	6023785.654		1615.094	RS-700	-1.70353782991
9845	9/12/2019 12:47:33		-122.360	37.716	2088661.110	6023787.729		2217.903	RS-700	0.06423266862
9846	9/12/2019 12:47:34		-122.360	37.716	2088659.209	6023789.947		2517.013	RS-700	0.94138680352
9847	9/12/2019 12:47:35		-122.360	37.716	2088657.782	6023792.089		2274.814	RS-700	0.23112527859
9848	9/12/2019 12:47:36		-122.360	37.716	2088655.966	6023793.673		2039.942	RS-700	-0.67961025157
9849	9/12/2019 12:47:37		-122.360	37.716	2088653.841	6023794.325		2070.536	RS-700	-0.48719509434
9850	9/12/2019 12:47:38		-122.360	37.716	2088651.885	6023793.794		2009.517	RS-700	-0.87095981132
9851	9/12/2019 12:47:39		-122.360	37.716	2088650.632	6023792.699		1994.414	RS-700	-0.96595245283
9852	9/12/2019 12:47:40		-122.360	37.716	2088650.732	6023793.164		2098.646	RS-700	-0.31040232704
9853	9/12/2019 12:47:41		-122.360	37.716	2088651.015	6023795.426		2052.934	RS-700	-0.59790245283
9854	9/12/2019 12:47:42		-122.360	37.716	2088650.530	6023797.847		2016.722	RS-700	-0.82564861635
9855	9/12/2019 12:47:43		-122.360	37.716	2088649.697	6023799.421		2105.975	RS-700	-0.26430654088
9856	9/12/2019 12:47:44		-122.360	37.716	2088649.169	6023800.336		2042.245	RS-700	-0.66512616352
9857	9/12/2019 12:47:45		-122.360	37.716	2088649.662	6023799.392		2113.754	RS-700	-0.21538603774
9858	9/12/2019 12:47:46		-122.360	37.716	2088651.023	6023796.873		2008.419	RS-700	-0.87786591195
9859	9/12/2019 12:47:47		-122.360	37.716	2088652.570	6023794.155		2174.999	RS-700	0.16980761006
9860	9/12/2019 12:47:48		-122.360	37.716	2088654.373	6023791.385		2423.471	RS-700	1.73251974843
9861	9/12/2019 12:47:49		-122.360	37.716	2088656.098	6023788.902		2637.603	RS-700	1.29502325513
9862	9/12/2019 12:47:50		-122.360	37.716	2088657.595	6023786.878		2183.891	RS-700	-0.03551005865
9863	9/12/2019 12:47:51		-122.360	37.716	2088658.876	6023784.733		1543.791	RS-700	-1.91263604106
9864	9/12/2019 12:47:52		-122.360	37.716	2088660.559	6023782.481		2154.553	RS-700	-0.12154442815
9865	9/12/2019 12:47:53		-122.360	37.716	2088662.246	6023780.056		2489.764	RS-700	0.86147876833
9866	9/12/2019 12:47:54		-122.360	37.716	2088664.305	6023777.261		2197.783	RS-700	0.00522882698
9867	9/12/2019 12:47:55		-122.360	37.716	2088666.222	6023774.262		2109.227	RS-700	-0.24385716981
9868	9/12/2019 12:47:56		-122.360	37.716	2088668.206	6023771.553		2105.172	RS-700	-0.26935779874
9869	9/12/2019 12:47:57		-122.360	37.716	2088670.145	6023769.248		2078.857	RS-700	-0.43486264151
9870	9/12/2019 12:47:58		-122.360	37.716	2088672.049	6023766.913		2033.519	RS-700	-0.72000610063
9871	9/12/2019 12:47:59		-122.360	37.716	2088673.876	6023764.780		2132.336	RS-700	-0.09851842767
9872	9/12/2019 12:48:00		-122.360	37.716	2088675.482	6023762.787		2131.863	RS-700	-0.10149364780
9873	9/12/2019 12:48:01		-122.360	37.716	2088677.164	6023760.592		2051.132	RS-700	-0.60923295598
9874	9/12/2019 12:48:02		-122.360	37.716	2088678.850	6023758.254		2018.722	RS-700	-0.81306823899
9875	9/12/2019 12:48:03		-122.360	37.716	2088680.787	6023756.036		1974.417	RS-700	-1.09171477987
9876	9/12/2019 12:48:04		-122.360	37.716	2088682.797	6023753.848		2118.758	RS-700	-0.18391465409
9877	9/12/2019 12:48:05		-122.360	37.716	2088684.590	6023751.598		2039.529	RS-700	-0.68220761006
9878	9/12/2019 12:48:06		-122.360	37.716	2088686.348	6023749.261		2030.419	RS-700	-0.73950056604
9879	9/12/2019 12:48:07		-122.360	37.716	2088688.070	6023746.951		2021.623	RS-700	-0.79482522013
9880	9/12/2019 12:48:08		-122.360	37.716	2088689.791	6023744.642		2000.510	RS-700	-0.92760849057
9881	9/12/2019 12:48:09		-122.360	37.716	2088691.475	6023742.361		1973.702	RS-700	-1.09621534591

Gamma Scan Survey Results
Survey Unit 4 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
9882	9/12/2019 12:48:10		-122.360	37.716	2088693.341	6023740.113		1995.902	RS-700	-0.95658955975
9883	9/12/2019 12:48:11		-122.360	37.716	2088695.241	6023737.952		1984.004	RS-700	-1.03141918239
9884	9/12/2019 12:48:12		-122.360	37.716	2088692.567	6023736.915		1992.812	RS-700	-0.97602773585
9885	9/12/2019 12:48:13		-122.360	37.716	2088694.322	6023734.722		1991.813	RS-700	-0.98230981132
9886	9/12/2019 12:48:14		-122.360	37.716	2088696.044	6023732.384		2039.154	RS-700	-0.68456503145
9887	9/12/2019 12:48:15		-122.360	37.716	2088697.764	6023730.133		1934.898	RS-700	-1.34026213836
9888	9/12/2019 12:48:16		-122.360	37.716	2088699.555	6023727.941		1988.008	RS-700	-1.00624025157
9889	9/12/2019 12:48:17		-122.360	37.716	2088701.418	6023725.837		1996.921	RS-700	-0.95018238994
9890	9/12/2019 12:48:18		-122.360	37.717	2088703.100	6023723.672		2098.960	RS-700	-0.30843012579
9891	9/12/2019 12:48:19		-122.360	37.717	2088704.852	6023721.624		1973.116	RS-700	-1.09989767296
9892	9/12/2019 12:48:20		-122.360	37.717	2088706.605	6023719.546		1982.212	RS-700	-1.04268937107
9893	9/12/2019 12:48:21		-122.360	37.717	2088708.174	6023717.581		2100.751	RS-700	-0.29716578616
9894	9/12/2019 12:48:22		-122.360	37.717	2088709.633	6023715.614		2116.548	RS-700	-0.19780974843
9895	9/12/2019 12:48:23		-122.360	37.717	2088711.093	6023713.618		2195.778	RS-700	0.30048974843
9896	9/12/2019 12:48:24		-122.360	37.717	2088712.369	6023711.763		2089.748	RS-700	-0.36636635220
9897	9/12/2019 12:48:25		-122.360	37.717	2088713.611	6023709.734		2080.328	RS-700	-0.42560918239
9898	9/12/2019 12:48:26		-122.360	37.717	2088715.434	6023707.803		2022.133	RS-700	-0.79161798742
9899	9/12/2019 12:48:27		-122.360	37.717	2088717.405	6023705.730		1976.605	RS-700	-1.07795289308
9900	9/12/2019 12:48:28		-122.360	37.717	2088719.379	6023703.512		2024.619	RS-700	-0.77597811321
9901	9/12/2019 12:48:29		-122.360	37.717	2088721.389	6023701.325		2062.248	RS-700	-0.53931786164
9902	9/12/2019 12:48:30		-122.360	37.717	2088723.249	6023699.394		1831.018	RS-700	-1.99359849057
9903	9/12/2019 12:48:31		-122.360	37.717	2088724.743	6023697.486		1821.636	RS-700	-2.05260106918
9904	9/12/2019 12:48:32		-122.360	37.717	2088726.388	6023695.378		2010.929	RS-700	-0.86208194969
9905	9/12/2019 12:48:33		-122.360	37.717	2088727.711	6023692.945		1934.993	RS-700	-1.33966553459
9906	9/12/2019 12:48:34		-122.360	37.717	2088729.030	6023690.714		1367.218	RS-700	-4.91057716981
9907	9/12/2019 12:48:35		-122.360	37.717	2088730.158	6023688.914		1034.333	RS-700	-7.00419238994
9908	9/12/2019 12:48:36		-122.360	37.717	2088731.179	6023687.025		1111.117	RS-700	-6.52127698113
9909	9/12/2019 12:48:37		-122.360	37.717	2088732.488	6023685.286		1771.074	RS-700	-2.37060553459
9910	9/12/2019 12:48:38		-122.360	37.717	2088734.277	6023683.239		1952.415	RS-700	-1.23009584906
9911	9/12/2019 12:48:39		-122.360	37.717	2088735.633	6023680.980		1985.930	RS-700	-1.01930540881
9912	9/12/2019 12:48:40		-122.360	37.717	2088736.718	6023679.555		2037.630	RS-700	-0.69415094340
9913	9/12/2019 12:48:41		-122.360	37.717	2088738.119	6023676.835		1945.599	RS-700	-1.27296270440
9914	9/12/2019 12:48:42		-122.360	37.717	2088739.689	6023674.783		2034.624	RS-700	-0.71305867925
9915	9/12/2019 12:48:43		-122.360	37.717	2088741.263	6023672.558		2011.318	RS-700	-0.85963396226
9916	9/12/2019 12:48:44		-122.360	37.717	2088742.947	6023670.277		2020.530	RS-700	-0.80170075472
9917	9/12/2019 12:48:45		-122.360	37.717	2088744.882	6023668.232		1926.695	RS-700	-1.39185817610
9918	9/12/2019 12:48:46		-122.360	37.717	2088746.890	6023666.131		1959.796	RS-700	-1.18367459119
9919	9/12/2019 12:48:47		-122.360	37.717	2088748.829	6023663.884		2066.016	RS-700	-0.51562459120
9920	9/12/2019 12:48:48		-122.360	37.717	2088750.804	6023661.609		2041.036	RS-700	-0.67273270440
9921	9/12/2019 12:48:49		-122.360	37.717	2088752.781	6023659.247		1944.306	RS-700	-1.28109471698
9922	9/12/2019 12:48:50		-122.360	37.717	2088754.686	6023656.884		1986.800	RS-700	-1.01383503145
9923	9/12/2019 12:48:51		-122.360	37.717	2088756.628	6023654.434		2069.944	RS-700	-0.49091905660
9924	9/12/2019 12:48:52		-122.360	37.717	2088758.496	6023652.070		1998.616	RS-700	-0.93952490566
9925	9/12/2019 12:48:53		-122.360	37.717	2088760.290	6023649.792		2057.526	RS-700	-0.56901647799
9926	9/12/2019 12:48:54		-122.360	37.717	2088762.049	6023647.396		1940.887	RS-700	-1.30259710692
9927	9/12/2019 12:48:55		-122.360	37.717	2088763.735	6023645.029		1976.095	RS-700	-1.08116050314
9928	9/12/2019 12:48:56		-122.360	37.717	2088765.530	6023642.634		2091.850	RS-700	-0.35314232704
9929	9/12/2019 12:48:57		-122.360	37.717	2088767.289	6023640.268		2004.918	RS-700	-0.89988779874
9930	9/12/2019 12:48:58		-122.360	37.717	2088769.118	6023638.048		2065.538	RS-700	-0.51863081761
9931	9/12/2019 12:48:59		-122.360	37.717	2088771.055	6023635.858		2002.617	RS-700	-0.91435584906
9932	9/12/2019 12:49:00		-122.360	37.717	2088772.883	6023633.696		2060.737	RS-700	-0.54882522013
9933	9/12/2019 12:49:01		-122.360	37.717	2088774.749	6023631.390		2017.623	RS-700	-0.81997955975
9934	9/12/2019 12:49:02		-122.360	37.717	2088776.545	6023628.995		2072.633	RS-700	-0.47400691824
9935	9/12/2019 12:49:03		-122.360	37.717	2088778.489	6023626.488		2025.620	RS-700	-0.76968616352
9936	9/12/2019 12:49:04		-122.360	37.717	2088780.322	6023624.037		2077.324	RS-700	-0.44450352201
9937	9/12/2019 12:49:05		-122.360	37.717	2088781.896	6023621.811		2078.328	RS-700	-0.43818628931
9938	9/12/2019 12:49:06		-122.360	37.717	2088783.504	6023619.702		2054.042	RS-700	-0.59092823899
9939	9/12/2019 12:49:07		-122.360	37.717	2088785.261	6023617.423		2072.845	RS-700	-0.47267358491
9940	9/12/2019 12:49:08		-122.360	37.717	2088786.981	6023615.172		2070.532	RS-700	-0.48721817610
9941	9/12/2019 12:49:09		-122.360	37.717	2088788.663	6023612.977		2068.430	RS-700	-0.50044069182
9942	9/12/2019 12:49:10		-122.360	37.717	2088790.346	6023610.783		2043.934	RS-700	-0.65450477987

Gamma Scan Survey Results
Survey Unit 4 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
9943	9/12/2019 12:49:11		-122.360	37.717	2088792.176	6023608.505		2100.941	RS-700	-0.29596930818
9944	9/12/2019 12:49:12		-122.360	37.717	2088793.970	6023606.197		2197.903	RS-700	0.31385635220
9945	9/12/2019 12:49:13		-122.360	37.717	2088795.872	6023603.921		2034.239	RS-700	-0.71547949686
9946	9/12/2019 12:49:14		-122.360	37.717	2088797.814	6023601.500		1994.107	RS-700	-0.96787886793
9947	9/12/2019 12:49:15		-122.360	37.717	2088799.754	6023599.167		1993.122	RS-700	-0.97407798742
9948	9/12/2019 12:49:16		-122.360	37.717	2088801.658	6023596.832		1923.877	RS-700	-1.40957779874
9949	9/12/2019 12:49:17		-122.360	37.717	2088803.600	6023594.440		2050.147	RS-700	-0.61542792453
9950	9/12/2019 12:49:18		-122.360	37.717	2088805.358	6023592.103		2074.948	RS-700	-0.45944402516
9951	9/12/2019 12:49:19		-122.360	37.717	2088807.223	6023589.855		2001.518	RS-700	-0.92127251572
9952	9/12/2019 12:49:20		-122.360	37.717	2088809.125	6023587.636		2028.116	RS-700	-0.75398779874
9953	9/12/2019 12:49:21		-122.360	37.717	2088810.952	6023585.502		1985.612	RS-700	-1.02130698113
9954	9/12/2019 12:49:22		-122.360	37.717	2088812.559	6023583.423		2054.044	RS-700	-0.59091968554
9955	9/12/2019 12:49:23		-122.360	37.717	2088814.166	6023581.343		2132.443	RS-700	-0.09784188679
9956	9/12/2019 12:49:24		-122.360	37.717	2088815.807	6023579.408		2113.650	RS-700	-0.21603515723
9957	9/12/2019 12:49:25		-122.360	37.717	2088817.554	6023577.649		2097.380	RS-700	-0.31836748428
9958	9/12/2019 12:49:26		-122.360	37.717	2088818.637	6023576.282		2103.857	RS-700	-0.27762761006
9959	9/12/2019 12:49:27		-122.360	37.717	2088818.937	6023574.031		2056.349	RS-700	-0.57642308176
9960	9/12/2019 12:49:28		-122.360	37.717	2088819.511	6023570.831		2049.147	RS-700	-0.62171566038
9961	9/12/2019 12:49:29		-122.360	37.717	2088820.730	6023568.136		2077.324	RS-700	-0.44450094340
9962	9/12/2019 12:49:30		-122.360	37.717	2088822.672	6023565.687		2064.048	RS-700	-0.52799742138
9963	9/12/2019 12:49:31		-122.360	37.717	2088824.684	6023563.412		2109.337	RS-700	-0.24316622642
9964	9/12/2019 12:49:32		-122.360	37.717	2088826.732	6023561.139		2110.754	RS-700	-0.23425314465
9965	9/12/2019 12:49:33		-122.360	37.717	2088828.635	6023558.833		2096.747	RS-700	-0.32234553459
9966	9/12/2019 12:49:34		-122.361	37.717	2088830.462	6023556.700		1934.509	RS-700	-1.34271238994
9967	9/12/2019 12:49:35		-122.361	37.717	2088832.180	6023554.564		1948.796	RS-700	-1.25285591195
9968	9/12/2019 12:49:36		-122.361	37.717	2088833.935	6023552.371		2218.459	RS-700	0.44313723270
9969	9/12/2019 12:49:37		-122.361	37.717	2088835.655	6023550.120		1937.888	RS-700	-1.32145754717
9970	9/12/2019 12:49:38		-122.361	37.717	2088837.375	6023547.869		1256.134	RS-700	-5.60922314465
9971	9/12/2019 12:49:39		-122.361	37.717	2088839.058	6023545.674		1109.118	RS-700	-6.53384748428
9972	9/12/2019 12:49:40		-122.361	37.717	2088840.737	6023543.654		1768.804	RS-700	-2.38487773585
9973	9/12/2019 12:49:41		-122.361	37.717	2088842.815	6023541.699		1988.917	RS-700	-1.00052037736
9974	9/12/2019 12:49:42		-122.361	37.717	2088844.712	6023539.711		2129.765	RS-700	-0.11468477987
9975	9/12/2019 12:49:43		-122.361	37.717	2088846.755	6023537.727		2114.769	RS-700	-0.20900163522
9976	9/12/2019 12:49:44		-122.361	37.717	2088848.402	6023535.474		1989.615	RS-700	-0.99613484277
9977	9/12/2019 12:49:45		-122.361	37.717	2088850.339	6023533.285		2089.591	RS-700	-0.36734937107
9978	9/12/2019 12:49:46		-122.361	37.717	2088852.205	6023531.037		2014.325	RS-700	-0.84072528302
9979	9/12/2019 12:49:47		-122.361	37.717	2088854.103	6023528.962		2076.121	RS-700	-0.45207006289
9980	9/12/2019 12:49:48		-122.361	37.717	2088855.748	6023526.825		2003.719	RS-700	-0.90742509434
9981	9/12/2019 12:49:49		-122.361	37.717	2088857.501	6023524.748		2128.974	RS-700	-0.11966169811
9982	9/12/2019 12:49:50		-122.361	37.717	2088859.290	6023522.730		2089.740	RS-700	-0.36641289308
9983	9/12/2019 12:49:51		-122.361	37.717	2088861.079	6023520.653		2091.149	RS-700	-0.35755660377
9984	9/12/2019 12:49:52		-122.361	37.717	2088862.721	6023518.661		1966.802	RS-700	-1.13961276730
9985	9/12/2019 12:49:53		-122.361	37.717	2088864.328	6023516.610		2038.451	RS-700	-0.68898710692
9986	9/12/2019 12:49:54		-122.361	37.717	2088865.864	6023514.442		1992.710	RS-700	-0.97666974843
9987	9/12/2019 12:49:55		-122.361	37.717	2088867.362	6023512.388		1952.503	RS-700	-1.22954176101
9988	9/12/2019 12:49:56		-122.361	37.717	2088868.678	6023510.274		1818.472	RS-700	-2.07250371069
9989	9/12/2019 12:49:57		-122.361	37.717	2088870.137	6023508.364		2091.748	RS-700	-0.35378849057
9990	9/12/2019 12:49:58		-122.361	37.717	2088871.551	6023506.859		2106.733	RS-700	-0.25953893082
9991	9/12/2019 12:49:59		-122.361	37.717	2088872.180	6023504.500		2157.878	RS-700	0.06212270440
9992	9/12/2019 12:50:00		-122.361	37.717	2088872.082	6023502.125		2014.413	RS-700	-0.84016679245
9993	9/12/2019 12:50:01		-122.361	37.717	2088871.915	6023501.341		2061.429	RS-700	-0.54447477987
9994	9/12/2019 12:50:02		-122.361	37.717	2088872.659	6023502.397		2165.099	RS-700	0.10753823899
9995	9/12/2019 12:50:03		-122.361	37.717	2088874.605	6023503.448		2132.297	RS-700	-0.09875842767
9996	9/12/2019 12:50:04		-122.361	37.717	2088877.002	6023503.756		2174.786	RS-700	0.16846352201
9997	9/12/2019 12:50:05		-122.361	37.717	2088878.977	6023503.333		2182.110	RS-700	0.21452515723
9998	9/12/2019 12:50:06		-122.361	37.717	2088879.124	6023503.307		2112.756	RS-700	-0.22165968554
9999	9/12/2019 12:50:07		-122.361	37.717	2088878.175	6023503.404		2237.907	RS-700	0.56545578616
10000	9/12/2019 12:50:08		-122.361	37.717	2088877.263	6023503.472		2259.055	RS-700	0.69845672956
10001	9/12/2019 12:50:09		-122.361	37.717	2088876.495	6023503.631		2127.664	RS-700	-0.12789773585
10002	9/12/2019 12:50:10		-122.361	37.717	2088875.540	6023504.017		2143.551	RS-700	-0.02798194969
10003	9/12/2019 12:50:11		-122.361	37.717	2088875.503	6023504.045		2159.665	RS-700	0.07336654088

Gamma Scan Survey Results
Survey Unit 4 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
10004	9/12/2019 12:50:12		-122.361	37.717	2088876.116	6023502.524		2219.684	RS-700	0.45084578616
10005	9/12/2019 12:50:13		-122.361	37.717	2088876.955	6023500.660		2130.404	RS-700	-0.11066685535
10006	9/12/2019 12:50:14		-122.361	37.717	2088877.703	6023499.633		2110.650	RS-700	-0.23490559748
10007	9/12/2019 12:50:15		-122.361	37.717	2088877.363	6023500.263		2101.860	RS-700	-0.29018861635
10008	9/12/2019 12:50:16		-122.361	37.717	2088876.350	6023501.776		2174.319	RS-700	0.16553100629
10009	9/12/2019 12:50:17		-122.361	37.717	2088874.608	6023503.275		2159.779	RS-700	0.07408364780
10010	9/12/2019 12:50:18		-122.361	37.717	2088872.466	6023504.794		2058.048	RS-700	-0.56573773585
10011	9/12/2019 12:50:19		-122.361	37.717	2088870.476	6023505.970		2097.653	RS-700	-0.31664597484
10012	9/12/2019 12:50:20		-122.361	37.717	2088868.259	6023507.546		1806.823	RS-700	-2.14576962264
10013	9/12/2019 12:50:21		-122.361	37.717	2088866.330	6023509.330		1930.691	RS-700	-1.36672213836
10014	9/12/2019 12:50:22		-122.361	37.717	2088864.874	6023511.124		2081.749	RS-700	-0.41667490566
10015	9/12/2019 12:50:23		-122.361	37.717	2088863.777	6023513.156		2061.048	RS-700	-0.54686635220
10016	9/12/2019 12:50:24		-122.361	37.717	2088861.984	6023515.435		1943.793	RS-700	-1.28432188679
10017	9/12/2019 12:50:25		-122.361	37.717	2088859.933	6023517.824		2038.936	RS-700	-0.68593679245
10018	9/12/2019 12:50:26		-122.361	37.717	2088857.992	6023520.216		2093.647	RS-700	-0.34184433962
10019	9/12/2019 12:50:27		-122.361	37.717	2088856.048	6023522.752		1970.509	RS-700	-1.11629314465
10020	9/12/2019 12:50:28		-122.361	37.717	2088854.285	6023525.350		2061.635	RS-700	-0.54317496855
10021	9/12/2019 12:50:29		-122.361	37.717	2088852.596	6023527.833		2021.728	RS-700	-0.79416616352
10022	9/12/2019 12:50:30		-122.361	37.717	2088850.765	6023530.198		2023.520	RS-700	-0.78289113208
10023	9/12/2019 12:50:31		-122.361	37.717	2088848.966	6023532.737		2092.542	RS-700	-0.34879496855
10024	9/12/2019 12:50:32		-122.361	37.717	2088847.281	6023535.076		2102.544	RS-700	-0.28588572327
10025	9/12/2019 12:50:33		-122.361	37.717	2088845.598	6023537.270		2161.667	RS-700	0.08595433962
10026	9/12/2019 12:50:34		-122.361	37.717	2088843.409	6023539.309		2073.626	RS-700	-0.46775874214
10027	9/12/2019 12:50:35		-122.361	37.717	2088841.329	6023541.351		1639.750	RS-700	-3.19653981132
10028	9/12/2019 12:50:36		-122.361	37.717	2088843.604	6023542.322		855.141	RS-700	-8.13119006289
10029	9/12/2019 12:50:37		-122.361	37.717	2088841.592	6023544.625		1468.230	RS-700	-4.27528226415
10030	9/12/2019 12:50:38		-122.361	37.717	2088834.634	6023548.393		2151.662	RS-700	0.02302886792
10031	9/12/2019 12:50:39		-122.361	37.717	2088837.820	6023549.295		2038.811	RS-700	-0.68672547170
10032	9/12/2019 12:50:40		-122.361	37.717	2088831.302	6023552.955		1677.453	RS-700	-2.95941433962
10033	9/12/2019 12:50:41		-122.361	37.717	2088829.435	6023555.262		1917.592	RS-700	-1.44910628931
10034	9/12/2019 12:50:42		-122.361	37.717	2088832.367	6023556.159		2106.860	RS-700	-0.25874025157
10035	9/12/2019 12:50:43		-122.360	37.717	2088825.635	6023559.554		2236.921	RS-700	0.55925383648
10036	9/12/2019 12:50:44		-122.360	37.717	2088823.551	6023561.770		2070.637	RS-700	-0.48655811321
10037	9/12/2019 12:50:45		-122.360	37.717	2088821.683	6023564.134		2124.784	RS-700	-0.14601025157
10038	9/12/2019 12:50:46		-122.360	37.717	2088819.849	6023566.614		2048.136	RS-700	-0.62807283019
10039	9/12/2019 12:50:47		-122.360	37.717	2088817.833	6023569.120		2009.914	RS-700	-0.86846584906
10040	9/12/2019 12:50:48		-122.360	37.717	2088815.997	6023571.687		2051.030	RS-700	-0.60987245283
10041	9/12/2019 12:50:49		-122.360	37.717	2088814.091	6023574.137		2043.442	RS-700	-0.65759672956
10042	9/12/2019 12:50:50		-122.360	37.717	2088812.150	6023576.529		2038.841	RS-700	-0.68653201258
10043	9/12/2019 12:50:51		-122.360	37.717	2088809.954	6023578.887		2042.628	RS-700	-0.66271641509
10044	9/12/2019 12:50:52		-122.360	37.717	2088808.120	6023581.396		2056.052	RS-700	-0.57828855346
10045	9/12/2019 12:50:53		-122.360	37.717	2088806.396	6023583.850		2085.434	RS-700	-0.39349723270
10046	9/12/2019 12:50:54		-122.360	37.717	2088804.632	6023586.476		2182.432	RS-700	0.21655389937
10047	9/12/2019 12:50:55		-122.360	37.717	2088802.543	6023588.952		2021.728	RS-700	-0.79416150943
10048	9/12/2019 12:50:56		-122.360	37.717	2088800.746	6023591.404		2015.518	RS-700	-0.83321767296
10049	9/12/2019 12:50:57		-122.360	37.717	2088799.060	6023593.772		2030.729	RS-700	-0.73755119497
10050	9/12/2019 12:50:58		-122.360	37.717	2088797.335	6023596.283		1965.999	RS-700	-1.14466188679
10051	9/12/2019 12:50:59		-122.360	37.717	2088795.501	6023598.764		2029.853	RS-700	-0.74306138365
10052	9/12/2019 12:51:00		-122.360	37.717	2088793.595	6023601.243		2078.054	RS-700	-0.43991113208
10053	9/12/2019 12:51:01		-122.360	37.717	2088791.796	6023603.782		2072.159	RS-700	-0.47698440252
10054	9/12/2019 12:51:02		-122.360	37.717	2088790.069	6023606.409		2071.155	RS-700	-0.48330106918
10055	9/12/2019 12:51:03		-122.360	37.717	2088788.124	6023608.945		2104.098	RS-700	-0.27611433962
10056	9/12/2019 12:51:04		-122.360	37.717	2088786.146	6023611.365		1979.610	RS-700	-1.05905660377
10057	9/12/2019 12:51:05		-122.360	37.717	2088784.131	6023613.813		2010.923	RS-700	-0.86212000000
10058	9/12/2019 12:51:06		-122.360	37.717	2088782.185	6023616.407		1930.594	RS-700	-1.36733081761
10059	9/12/2019 12:51:07		-122.360	37.717	2088780.312	6023619.031		2001.518	RS-700	-0.92127100629
10060	9/12/2019 12:51:08		-122.360	37.717	2088778.439	6023621.656		2015.515	RS-700	-0.83324182390
10061	9/12/2019 12:51:09		-122.360	37.717	2088776.678	6023624.167		2029.829	RS-700	-0.74321238994
10062	9/12/2019 12:51:10		-122.360	37.717	2088774.846	6023626.560		2027.017	RS-700	-0.76089918239
10063	9/12/2019 12:51:11		-122.360	37.717	2088773.049	6023629.013		2046.324	RS-700	-0.63947289308
10064	9/12/2019 12:51:12		-122.360	37.717	2088770.998	6023631.431		1982.907	RS-700	-1.03831968553

Gamma Scan Survey Results
Survey Unit 4 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
10065	9/12/2019 12:51:13		-122.360	37.717	2088769.017	6023633.937		1994.422	RS-700	-0.96589886793
10066	9/12/2019 12:51:14		-122.360	37.717	2088767.182	6023636.505		2033.627	RS-700	-0.71932767296
10067	9/12/2019 12:51:15		-122.360	37.717	2088765.311	6023639.042		2033.627	RS-700	-0.71932716981
10068	9/12/2019 12:51:16		-122.360	37.717	2088763.440	6023641.522		2070.736	RS-700	-0.48593628931
10069	9/12/2019 12:51:17		-122.360	37.717	2088761.499	6023643.914		1999.516	RS-700	-0.93386213837
10070	9/12/2019 12:51:18		-122.360	37.717	2088759.665	6023646.423		2021.622	RS-700	-0.79482754717
10071	9/12/2019 12:51:19		-122.360	37.717	2088757.760	6023648.787		1992.114	RS-700	-0.98041352201
10072	9/12/2019 12:51:20		-122.360	37.717	2088755.817	6023651.294		1938.402	RS-700	-1.31822440252
10073	9/12/2019 12:51:21		-122.360	37.717	2088753.762	6023653.886		2071.467	RS-700	-0.48133691824
10074	9/12/2019 12:51:22		-122.360	37.717	2088751.856	6023656.336		2006.417	RS-700	-0.89045748428
10075	9/12/2019 12:51:23		-122.360	37.717	2088749.949	6023658.815		2003.208	RS-700	-0.91064283019
10076	9/12/2019 12:51:24		-122.360	37.717	2088748.003	6023661.467		1997.022	RS-700	-0.94954603774
10077	9/12/2019 12:51:25		-122.360	37.717	2088746.022	6023664.031		2055.738	RS-700	-0.58026446541
10078	9/12/2019 12:51:26		-122.360	37.717	2088744.039	6023666.653		1993.709	RS-700	-0.97038182390
10079	9/12/2019 12:51:27		-122.360	37.717	2088742.132	6023669.161		2050.326	RS-700	-0.61430100629
10080	9/12/2019 12:51:28		-122.360	37.717	2088740.333	6023671.700		2006.923	RS-700	-0.88727647799
10081	9/12/2019 12:51:29		-122.360	37.717	2088738.534	6023674.268		1907.303	RS-700	-1.51381635220
10082	9/12/2019 12:51:30		-122.360	37.717	2088736.733	6023676.923		1994.614	RS-700	-0.96468874214
10083	9/12/2019 12:51:31		-122.360	37.717	2088734.970	6023679.521		1882.582	RS-700	-1.66929452830
10084	9/12/2019 12:51:32		-122.360	37.717	2088732.918	6023681.968		1763.541	RS-700	-2.41798427673
10085	9/12/2019 12:51:33		-122.360	37.717	2088731.122	6023684.420		881.095	RS-700	-7.96795603774
10086	9/12/2019 12:51:34		-122.360	37.717	2088729.634	6023685.982		868.093	RS-700	-8.04973025157
10087	9/12/2019 12:51:35		-122.360	37.717	2088732.792	6023686.507		1413.428	RS-700	-4.61994786164
10088	9/12/2019 12:51:36		-122.360	37.717	2088726.975	6023689.661		2001.218	RS-700	-0.92315867925
10089	9/12/2019 12:51:37		-122.360	37.717	2088725.478	6023691.656		1882.490	RS-700	-1.66987389937
10090	9/12/2019 12:51:38		-122.360	37.717	2088723.287	6023693.812		1197.498	RS-700	-5.97800295597
10091	9/12/2019 12:51:39		-122.360	37.717	2088721.389	6023695.828		1535.248	RS-700	-3.85378773585
10092	9/12/2019 12:51:40		-122.360	37.717	2088719.630	6023698.252		2035.524	RS-700	-0.70739773585
10093	9/12/2019 12:51:41		-122.360	37.717	2088717.840	6023700.357		1983.717	RS-700	-1.03322886792
10094	9/12/2019 12:51:42		-122.360	37.717	2088715.976	6023702.519		1994.520	RS-700	-0.96528283019
10095	9/12/2019 12:51:43		-122.360	37.717	2088714.182	6023704.827		2045.837	RS-700	-0.64253672956
10096	9/12/2019 12:51:44		-122.360	37.717	2088712.391	6023706.990		2028.321	RS-700	-0.75269993711
10097	9/12/2019 12:51:45		-122.360	37.717	2088710.705	6023709.329		2023.131	RS-700	-0.78533798742
10098	9/12/2019 12:51:46		-122.360	37.717	2088709.163	6023711.815		2018.424	RS-700	-0.81494496855
10099	9/12/2019 12:51:47		-122.360	37.717	2088707.440	6023714.211		2082.645	RS-700	-0.41103861635
10100	9/12/2019 12:51:48		-122.360	37.717	2088709.565	6023715.381		2004.720	RS-700	-0.90113408805
10101	9/12/2019 12:51:49		-122.360	37.717	2088703.526	6023718.733		2015.937	RS-700	-0.83058245283
10102	9/12/2019 12:51:50		-122.360	37.716	2088701.656	6023721.184		1907.788	RS-700	-1.51076899371
10103	9/12/2019 12:51:51		-122.360	37.716	2088699.858	6023723.694		2051.652	RS-700	-0.60595943396
10104	9/12/2019 12:51:52		-122.360	37.716	2088697.919	6023725.999		1885.677	RS-700	-1.64982874214
10105	9/12/2019 12:51:53		-122.360	37.716	2088695.941	6023728.390		2012.925	RS-700	-0.84952748428
10106	9/12/2019 12:51:54		-122.360	37.716	2088693.997	6023730.897		1995.119	RS-700	-0.96151547170
10107	9/12/2019 12:51:55		-122.360	37.716	2088692.161	6023733.493		1966.799	RS-700	-1.13963075472
10108	9/12/2019 12:51:56		-122.360	37.716	2088690.216	6023736.058		1972.907	RS-700	-1.10121301887
10109	9/12/2019 12:51:57		-122.360	37.716	2088688.162	6023738.621		1996.720	RS-700	-0.95144874214
10110	9/12/2019 12:51:58		-122.360	37.716	2088686.219	6023741.128		1960.697	RS-700	-1.17800748428
10111	9/12/2019 12:51:59		-122.360	37.716	2088684.277	6023743.520		1921.883	RS-700	-1.42211830189
10112	9/12/2019 12:52:00		-122.360	37.716	2088682.190	6023745.909		1982.901	RS-700	-1.03836025157
10113	9/12/2019 12:52:01		-122.360	37.716	2088680.356	6023748.418		2067.846	RS-700	-0.50411578616
10114	9/12/2019 12:52:02		-122.360	37.716	2088678.485	6023750.927		2087.758	RS-700	-0.37888333333
10115	9/12/2019 12:52:03		-122.360	37.716	2088676.543	6023753.347		2057.941	RS-700	-0.56640842767
10116	9/12/2019 12:52:04		-122.360	37.716	2088674.565	6023755.767		2134.877	RS-700	-0.08253534591
10117	9/12/2019 12:52:05		-122.360	37.716	2088672.621	6023758.274		2076.848	RS-700	-0.44749515723
10118	9/12/2019 12:52:06		-122.360	37.716	2088670.823	6023760.785		2106.389	RS-700	-0.26170207547
10119	9/12/2019 12:52:07		-122.360	37.716	2088668.954	6023763.207		2186.116	RS-700	0.23972459120
10120	9/12/2019 12:52:08		-122.360	37.716	2088667.086	6023765.571		2118.863	RS-700	-0.18325132076
10121	9/12/2019 12:52:09		-122.360	37.716	2088665.364	6023767.967		2176.325	RS-700	0.17814641509
10122	9/12/2019 12:52:10		-122.360	37.716	2088663.603	6023770.420		2126.747	RS-700	-0.13366924528
10123	9/12/2019 12:52:11		-122.360	37.716	2088661.807	6023772.843		2135.879	RS-700	-0.17630903226
10124	9/12/2019 12:52:12		-122.360	37.716	2088660.047	6023775.267		2250.375	RS-700	0.15945630499
10125	9/12/2019 12:52:13		-122.360	37.716	2088658.251	6023777.662		2521.915	RS-700	0.95576313783

Gamma Scan Survey Results
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SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
10126	9/12/2019 12:52:14		-122.360	37.716	2088656.717	6023779.714		2261.371	RS-700	0.19170516129
10127	9/12/2019 12:52:15		-122.360	37.716	2088655.369	6023781.568		1646.155	RS-700	-1.61244762463
10128	9/12/2019 12:52:16		-122.360	37.716	2088653.724	6023783.734		1837.652	RS-700	-1.05087322581
10129	9/12/2019 12:52:17		-122.360	37.716	2088652.360	6023786.397		2523.035	RS-700	0.95904621701
10130	9/12/2019 12:52:18		-122.360	37.716	2088650.723	6023788.130		2545.050	RS-700	2.49716899371
10131	9/12/2019 12:52:19		-122.360	37.716	2088648.967	6023790.380		2141.875	RS-700	-0.03851974843
10132	9/12/2019 12:52:20		-122.360	37.716	2088647.182	6023792.225		2029.625	RS-700	-0.74449943396
10133	9/12/2019 12:52:21		-122.360	37.716	2088645.685	6023794.221		2047.738	RS-700	-0.63058025157
10134	9/12/2019 12:52:22		-122.360	37.716	2088644.273	6023795.639		2039.342	RS-700	-0.68338100629
10135	9/12/2019 12:52:23		-122.360	37.716	2088642.584	6023796.329		2005.110	RS-700	-0.89867830189
10136	9/12/2019 12:52:24		-122.360	37.716	2088640.546	6023796.259		2109.174	RS-700	-0.24419000000
10137	9/12/2019 12:52:25		-122.360	37.716	2088638.854	6023795.300		2079.280	RS-700	-0.43220157233
10138	9/12/2019 12:52:26		-122.360	37.716	2088638.034	6023794.416		2031.518	RS-700	-0.73259119497
10139	9/12/2019 12:52:27		-122.360	37.716	2088638.349	6023795.030		2068.953	RS-700	-0.49715364780
10140	9/12/2019 12:52:28		-122.360	37.716	2088638.787	6023796.832		2045.224	RS-700	-0.64638968554
10141	9/12/2019 12:52:29		-122.360	37.716	2088638.605	6023798.622		2011.924	RS-700	-0.85582666667
10142	9/12/2019 12:52:30		-122.360	37.716	2088638.138	6023800.146		2070.833	RS-700	-0.48532792453
10143	9/12/2019 12:52:31		-122.360	37.716	2088638.137	6023800.204		2003.016	RS-700	-0.91184993711
10144	9/12/2019 12:52:32		-122.360	37.716	2088638.307	6023798.992		1988.881	RS-700	-1.00074672956
10145	9/12/2019 12:52:33		-122.360	37.716	2088638.927	6023797.124		2109.861	RS-700	-0.23987062893
10146	9/12/2019 12:52:34		-122.360	37.716	2088640.120	6023795.701		2049.426	RS-700	-0.61996402516
10147	9/12/2019 12:52:35		-122.360	37.716	2088641.531	6023794.341		2047.836	RS-700	-0.62996081761
10148	9/12/2019 12:52:36		-122.360	37.716	2088642.723	6023793.034		2000.116	RS-700	-0.93009075472
10149	9/12/2019 12:52:37		-122.360	37.716	2088644.252	6023791.212		2167.984	RS-700	0.12568402516
10150	9/12/2019 12:52:38		-122.360	37.716	2088645.969	6023789.106		2397.565	RS-700	1.56959037736
10151	9/12/2019 12:52:39		-122.360	37.716	2088647.640	6023787.519		2621.579	RS-700	2.97848490566
10152	9/12/2019 12:52:40		-122.360	37.716	2088649.235	6023786.046		2250.143	RS-700	0.15877794721
10153	9/12/2019 12:52:41		-122.360	37.716	2088650.825	6023782.982		1528.942	RS-700	-1.95618281525
10154	9/12/2019 12:52:42		-122.360	37.716	2088652.278	6023781.333		1969.803	RS-700	-0.66333422287
10155	9/12/2019 12:52:43		-122.360	37.716	2088653.812	6023779.280		2434.752	RS-700	0.70015302053
10156	9/12/2019 12:52:44		-122.360	37.716	2088655.898	6023776.978		2449.363	RS-700	0.74300143695
10157	9/12/2019 12:52:45		-122.360	37.716	2088658.172	6023774.333		2121.761	RS-700	-0.21771105572
10158	9/12/2019 12:52:46		-122.360	37.716	2088660.012	6023771.506		2156.457	RS-700	-0.11596334311
10159	9/12/2019 12:52:47		-122.360	37.716	2088661.406	6023769.190		2196.223	RS-700	0.30329056604
10160	9/12/2019 12:52:48		-122.360	37.716	2088662.711	6023767.654		2200.456	RS-700	0.32991484277
10161	9/12/2019 12:52:49		-122.360	37.716	2088663.756	6023766.401		2120.655	RS-700	-0.17197886793
10162	9/12/2019 12:52:50		-122.360	37.716	2088664.618	6023765.174		2080.156	RS-700	-0.42669421384
10163	9/12/2019 12:52:51		-122.360	37.716	2088665.672	6023763.431		2202.790	RS-700	0.34458955975
10164	9/12/2019 12:52:52		-122.360	37.716	2088667.354	6023761.294		2042.936	RS-700	-0.66078194969
10165	9/12/2019 12:52:53		-122.360	37.716	2088669.219	6023759.075		2026.526	RS-700	-0.76398635220
10166	9/12/2019 12:52:54		-122.360	37.716	2088671.158	6023756.799		2134.340	RS-700	-0.08591194969
10167	9/12/2019 12:52:55		-122.360	37.716	2088672.988	6023754.492		2110.181	RS-700	-0.23785754717
10168	9/12/2019 12:52:56		-122.360	37.716	2088674.743	6023752.328		2106.757	RS-700	-0.25939182390
10169	9/12/2019 12:52:57		-122.360	37.716	2088676.422	6023750.278		2027.914	RS-700	-0.75526081761
10170	9/12/2019 12:52:58		-122.360	37.716	2088678.139	6023748.172		2012.423	RS-700	-0.85268805031
10171	9/12/2019 12:52:59		-122.360	37.716	2088679.931	6023746.009		1990.803	RS-700	-0.98865742138
10172	9/12/2019 12:53:00		-122.360	37.716	2088681.433	6023743.695		1987.613	RS-700	-1.00872396226
10173	9/12/2019 12:53:01		-122.360	37.716	2088682.974	6023741.295		1865.388	RS-700	-1.77743459119
10174	9/12/2019 12:53:02		-122.360	37.716	2088684.731	6023739.016		2127.174	RS-700	-0.13098257862
10175	9/12/2019 12:53:03		-122.360	37.716	2088686.562	6023736.680		1920.980	RS-700	-1.42779867925
10176	9/12/2019 12:53:04		-122.360	37.716	2088688.286	6023734.226		1946.791	RS-700	-1.26546666667
10177	9/12/2019 12:53:05		-122.360	37.716	2088690.085	6023731.687		1998.616	RS-700	-0.93952012579
10178	9/12/2019 12:53:06		-122.360	37.716	2088691.775	6023729.117		2037.342	RS-700	-0.69595937107
10179	9/12/2019 12:53:07		-122.360	37.716	2088693.608	6023726.636		1985.308	RS-700	-1.02322081761
10180	9/12/2019 12:53:08		-122.360	37.716	2088695.515	6023724.186		1982.710	RS-700	-1.03956257862
10181	9/12/2019 12:53:09		-122.360	37.716	2088697.457	6023721.737		2045.045	RS-700	-0.64751396226
10182	9/12/2019 12:53:10		-122.360	37.716	2088699.256	6023719.198		2036.539	RS-700	-0.70101433962
10183	9/12/2019 12:53:11		-122.360	37.716	2088701.165	6023716.574		1984.713	RS-700	-1.02696037736
10184	9/12/2019 12:53:12		-122.360	37.717	2088703.038	6023713.950		2001.516	RS-700	-0.92128150943
10185	9/12/2019 12:53:13		-122.360	37.717	2088704.910	6023711.383		2064.153	RS-700	-0.52734157233
10186	9/12/2019 12:53:14		-122.360	37.717	2088706.744	6023708.903		2011.833	RS-700	-0.85639666667

Gamma Scan Survey Results
Survey Unit 4 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
10187	9/12/2019 12:53:15		-122.360	37.717	2088708.721	6023706.541		1926.700	RS-700	-1.39182465409
10188	9/12/2019 12:53:16		-122.360	37.717	2088710.697	6023704.237		1972.610	RS-700	-1.10308062893
10189	9/12/2019 12:53:17		-122.360	37.717	2088712.712	6023701.818		1968.709	RS-700	-1.12761767296
10190	9/12/2019 12:53:18		-122.360	37.717	2088714.656	6023699.281		1964.598	RS-700	-1.15347069182
10191	9/12/2019 12:53:19		-122.360	37.717	2088716.528	6023696.715		1962.803	RS-700	-1.16476050314
10192	9/12/2019 12:53:20		-122.360	37.717	2088718.287	6023694.349		1685.673	RS-700	-2.90771509434
10193	9/12/2019 12:53:21		-122.360	37.717	2088719.636	6023692.437		1855.303	RS-700	-1.84086194969
10194	9/12/2019 12:53:22		-122.360	37.717	2088720.586	6023690.460		1992.830	RS-700	-0.97590905660
10195	9/12/2019 12:53:23		-122.360	37.717	2088721.752	6023688.574		1944.827	RS-700	-1.27782012579
10196	9/12/2019 12:53:24		-122.360	37.717	2088723.354	6023686.783		1681.943	RS-700	-2.93117905660
10197	9/12/2019 12:53:25		-122.360	37.717	2088724.803	6023685.336		960.151	RS-700	-7.47075106918
10198	9/12/2019 12:53:26		-122.360	37.717	2088726.146	6023683.743		798.166	RS-700	-8.48952125786
10199	9/12/2019 12:53:27		-122.360	37.717	2088726.783	6023682.830		901.141	RS-700	-7.84187937107
10200	9/12/2019 12:53:28		-122.360	37.717	2088727.682	6023681.546		1513.923	RS-700	-3.98790553459
10201	9/12/2019 12:53:29		-122.360	37.717	2088728.841	6023680.035		1943.708	RS-700	-1.28485723270
10202	9/12/2019 12:53:30		-122.360	37.717	2088729.776	6023678.810		1946.183	RS-700	-1.26928647799
10203	9/12/2019 12:53:31		-122.360	37.717	2088730.779	6023677.846		1947.797	RS-700	-1.25914062893
10204	9/12/2019 12:53:32		-122.360	37.717	2088731.782	6023676.853		2024.439	RS-700	-0.77711207547
10205	9/12/2019 12:53:33		-122.360	37.717	2088732.710	6023675.946		2051.439	RS-700	-0.60730012579
10206	9/12/2019 12:53:34		-122.360	37.717	2088733.973	6023674.698		1945.404	RS-700	-1.27419169811
10207	9/12/2019 12:53:35		-122.360	37.717	2088735.426	6023673.078		2031.727	RS-700	-0.73127465409
10208	9/12/2019 12:53:36		-122.360	37.717	2088736.882	6023671.284		1956.701	RS-700	-1.20313540881
10209	9/12/2019 12:53:37		-122.360	37.717	2088738.048	6023669.398		2044.528	RS-700	-0.65076748428
10210	9/12/2019 12:53:38		-122.360	37.717	2088739.287	6023667.571		1971.605	RS-700	-1.10940125786
10211	9/12/2019 12:53:39		-122.360	37.717	2088740.519	6023666.034		2000.308	RS-700	-0.92887924528
10212	9/12/2019 12:53:40		-122.360	37.717	2088742.009	6023664.356		2005.622	RS-700	-0.89545628931
10213	9/12/2019 12:53:41		-122.360	37.717	2088743.321	6023662.473		1967.805	RS-700	-1.13330358491
10214	9/12/2019 12:53:42		-122.360	37.717	2088744.783	6023660.390		2029.642	RS-700	-0.74438811321
10215	9/12/2019 12:53:43		-122.360	37.717	2088746.307	6023658.858		1941.989	RS-700	-1.29566911950
10216	9/12/2019 12:53:44		-122.360	37.717	2088747.584	6023656.887		2053.953	RS-700	-0.59148767296
10217	9/12/2019 12:53:45		-122.360	37.717	2088748.896	6023655.004		1939.604	RS-700	-1.31066371069
10218	9/12/2019 12:53:46		-122.360	37.717	2088750.142	6023652.801		1961.802	RS-700	-1.17105641509
10219	9/12/2019 12:53:47		-122.360	37.717	2088751.149	6023651.577		2081.848	RS-700	-0.41604842767
10220	9/12/2019 12:53:48		-122.360	37.717	2088751.975	6023650.321		1955.503	RS-700	-1.21067018868
10221	9/12/2019 12:53:49		-122.360	37.717	2088752.649	6023649.408		2012.724	RS-700	-0.85079201258
10222	9/12/2019 12:53:50		-122.360	37.717	2088753.022	6023648.953		2042.751	RS-700	-0.66194194969
10223	9/12/2019 12:53:51		-122.360	37.717	2088753.247	6023648.668		1983.914	RS-700	-1.03198867925
10224	9/12/2019 12:53:52		-122.360	37.717	2088753.396	6023648.468		1985.510	RS-700	-1.02195264151
10225	9/12/2019 12:53:53		-122.360	37.717	2088753.992	6023647.815		2093.752	RS-700	-0.34117987421
10226	9/12/2019 12:53:54		-122.360	37.717	2088754.950	6023647.255		2069.262	RS-700	-0.49520685535
10227	9/12/2019 12:53:55		-122.360	37.717	2088756.288	6023645.893		1997.617	RS-700	-0.94580345912
10228	9/12/2019 12:53:56		-122.360	37.717	2088757.824	6023643.725		2017.740	RS-700	-0.81924509434
10229	9/12/2019 12:53:57		-122.360	37.717	2088759.203	6023642.161		2021.312	RS-700	-0.79677968554
10230	9/12/2019 12:53:58		-122.360	37.717	2088760.711	6023639.558		1978.610	RS-700	-1.06534616352
10231	9/12/2019 12:53:59		-122.360	37.717	2088762.213	6023637.303		2043.739	RS-700	-0.65572698113
10232	9/12/2019 12:54:00		-122.360	37.717	2088763.713	6023635.134		2094.698	RS-700	-0.33523452830
10233	9/12/2019 12:54:01		-122.360	37.717	2088765.285	6023632.995		2005.618	RS-700	-0.89548729560
10234	9/12/2019 12:54:02		-122.360	37.717	2088766.850	6023631.233		1932.794	RS-700	-1.35349924528
10235	9/12/2019 12:54:03		-122.360	37.717	2088768.385	6023629.122		2005.721	RS-700	-0.89483937107
10236	9/12/2019 12:54:04		-122.360	37.717	2088769.927	6023626.665		2098.642	RS-700	-0.31042528302
10237	9/12/2019 12:54:05		-122.360	37.717	2088771.426	6023624.554		2087.165	RS-700	-0.38261069182
10238	9/12/2019 12:54:06		-122.360	37.717	2088773.032	6023622.532		2075.542	RS-700	-0.45571358491
10239	9/12/2019 12:54:07		-122.360	37.717	2088774.675	6023620.482		2055.634	RS-700	-0.58092106918
10240	9/12/2019 12:54:08		-122.360	37.717	2088776.318	6023618.460		2010.216	RS-700	-0.86656603774
10241	9/12/2019 12:54:09		-122.360	37.717	2088777.853	6023616.350		2050.059	RS-700	-0.61597823899
10242	9/12/2019 12:54:10		-122.360	37.717	2088779.534	6023614.213		1981.809	RS-700	-1.04522377358
10243	9/12/2019 12:54:11		-122.360	37.717	2088781.360	6023612.109		1960.803	RS-700	-1.17734270440
10244	9/12/2019 12:54:12		-122.360	37.717	2088783.034	6023610.377		1997.309	RS-700	-0.94773949686
10245	9/12/2019 12:54:13		-122.360	37.717	2088784.691	6023607.633		2060.636	RS-700	-0.54946075472
10246	9/12/2019 12:54:14		-122.360	37.717	2088786.372	6023605.497		2126.975	RS-700	-0.13223289308
10247	9/12/2019 12:54:15		-122.360	37.717	2088788.052	6023603.447		2099.329	RS-700	-0.30610716981

Gamma Scan Survey Results
Survey Unit 4 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
10248	9/12/2019 12:54:16		-122.360	37.717	2088789.658	6023601.425		2052.147	RS-700	-0.60285213837
10249	9/12/2019 12:54:17		-122.360	37.717	2088791.263	6023599.461		1979.413	RS-700	-1.06029767296
10250	9/12/2019 12:54:18		-122.360	37.717	2088792.832	6023597.496		1985.412	RS-700	-1.02256610063
10251	9/12/2019 12:54:19		-122.360	37.717	2088794.328	6023595.500		1981.902	RS-700	-1.04464088050
10252	9/12/2019 12:54:20		-122.360	37.717	2088795.787	6023593.562		2026.828	RS-700	-0.76208830189
10253	9/12/2019 12:54:21		-122.360	37.717	2088797.210	6023591.594		2107.640	RS-700	-0.25383798742
10254	9/12/2019 12:54:22		-122.360	37.717	2088798.636	6023589.453		2014.319	RS-700	-0.84076358491
10255	9/12/2019 12:54:23		-122.360	37.717	2088800.281	6023587.344		2085.537	RS-700	-0.39284748428
10256	9/12/2019 12:54:24		-122.360	37.717	2088801.780	6023585.204		2090.540	RS-700	-0.36138251572
10257	9/12/2019 12:54:25		-122.360	37.717	2088803.281	6023582.978		1998.116	RS-700	-0.94266962264
10258	9/12/2019 12:54:26		-122.360	37.717	2088804.772	6023581.243		2045.239	RS-700	-0.64629786164
10259	9/12/2019 12:54:27		-122.360	37.717	2088806.446	6023579.511		1995.911	RS-700	-0.95653691824
10260	9/12/2019 12:54:28		-122.360	37.717	2088807.944	6023577.429		2007.619	RS-700	-0.88289811321
10261	9/12/2019 12:54:29		-122.360	37.717	2088809.476	6023575.463		2086.744	RS-700	-0.38525654088
10262	9/12/2019 12:54:30		-122.360	37.717	2088811.011	6023573.353		2157.664	RS-700	0.06077817610
10263	9/12/2019 12:54:31		-122.360	37.717	2088812.404	6023571.095		2029.936	RS-700	-0.74254194969
10264	9/12/2019 12:54:32		-122.360	37.717	2088814.010	6023569.044		2028.117	RS-700	-0.75398320755
10265	9/12/2019 12:54:33		-122.360	37.717	2088815.729	6023566.879		2028.933	RS-700	-0.74885000000
10266	9/12/2019 12:54:34		-122.360	37.717	2088817.708	6023564.402		2117.500	RS-700	-0.19182578616
10267	9/12/2019 12:54:35		-122.360	37.717	2088819.376	6023562.931		2047.324	RS-700	-0.63318289308
10268	9/12/2019 12:54:36		-122.360	37.717	2088821.057	6023560.823		2045.835	RS-700	-0.64254459120
10269	9/12/2019 12:54:37		-122.360	37.717	2088822.813	6023558.602		2124.766	RS-700	-0.14612685535
10270	9/12/2019 12:54:38		-122.361	37.717	2088824.532	6023556.379		2113.854	RS-700	-0.21475515723
10271	9/12/2019 12:54:39		-122.361	37.717	2088826.194	6023553.403		1672.670	RS-700	-2.98949786164
10272	9/12/2019 12:54:40		-122.361	37.717	2088827.842	6023551.122		1378.555	RS-700	-4.83927987421
10273	9/12/2019 12:54:41		-122.361	37.717	2088829.155	6023549.181		2046.535	RS-700	-0.63814402516
10274	9/12/2019 12:54:42		-122.361	37.717	2088830.720	6023547.418		2219.573	RS-700	0.45014283019
10275	9/12/2019 12:54:43		-122.361	37.717	2088832.433	6023545.485		1734.706	RS-700	-2.59933553459
10276	9/12/2019 12:54:44		-122.361	37.717	2088834.260	6023543.380		850.218	RS-700	-8.16214899371
10277	9/12/2019 12:54:45		-122.361	37.717	2088836.015	6023541.187		1258.581	RS-700	-5.59383194969
10278	9/12/2019 12:54:46		-122.361	37.717	2088837.623	6023539.079		1949.702	RS-700	-1.24715880503
10279	9/12/2019 12:54:47		-122.361	37.717	2088839.299	6023537.231		2026.026	RS-700	-0.76713427673
10280	9/12/2019 12:54:48		-122.361	37.717	2088841.156	6023535.388		2087.750	RS-700	-0.37893132076
10281	9/12/2019 12:54:49		-122.361	37.717	2088843.036	6023534.239		2029.031	RS-700	-0.74823000000
10282	9/12/2019 12:54:50		-122.361	37.717	2088844.788	6023532.249		2083.433	RS-700	-0.40607918239
10283	9/12/2019 12:54:51		-122.361	37.717	2088846.663	6023529.509		2090.332	RS-700	-0.36269050315
10284	9/12/2019 12:54:52		-122.361	37.717	2088848.418	6023527.345		2039.240	RS-700	-0.68402761006
10285	9/12/2019 12:54:53		-122.361	37.717	2088850.245	6023525.211		2100.328	RS-700	-0.29982371069
10286	9/12/2019 12:54:54		-122.361	37.717	2088852.072	6023523.049		2048.734	RS-700	-0.62431440252
10287	9/12/2019 12:54:55		-122.361	37.717	2088853.828	6023520.827		2042.136	RS-700	-0.66580849057
10288	9/12/2019 12:54:56		-122.361	37.717	2088855.403	6023518.573		2108.650	RS-700	-0.24748477987
10289	9/12/2019 12:54:57		-122.361	37.717	2088856.757	6023516.401		2002.623	RS-700	-0.91431880503
10290	9/12/2019 12:54:58		-122.361	37.717	2088858.398	6023514.438		2025.835	RS-700	-0.76833150943
10291	9/12/2019 12:54:59		-122.361	37.717	2088860.148	6023512.505		1989.110	RS-700	-0.99931132076
10292	9/12/2019 12:55:00		-122.361	37.717	2088861.825	6023510.629		2052.634	RS-700	-0.59978716981
10293	9/12/2019 12:55:01		-122.361	37.717	2088863.281	6023508.807		1875.867	RS-700	-1.71152943396
10294	9/12/2019 12:55:02		-122.361	37.717	2088864.593	6023506.923		1852.837	RS-700	-1.85636836478
10295	9/12/2019 12:55:03		-122.361	37.717	2088865.752	6023505.442		2113.961	RS-700	-0.21408477987
10296	9/12/2019 12:55:04		-122.361	37.717	2088866.509	6023504.011		2187.663	RS-700	0.24945339623
10297	9/12/2019 12:55:05		-122.361	37.717	2088866.979	6023502.313		2111.656	RS-700	-0.22857981132
10298	9/12/2019 12:55:06		-122.361	37.717	2088866.678	6023500.976		2080.950	RS-700	-0.42169842767
10299	9/12/2019 12:55:07		-122.361	37.717	2088865.837	6023499.311		2032.730	RS-700	-0.72496842767
10300	9/12/2019 12:55:08		-122.361	37.717	2088864.947	6023498.280		2142.445	RS-700	-0.03493635220
10301	9/12/2019 12:55:09		-122.361	37.717	2088864.661	6023498.043		2133.970	RS-700	-0.08823754717
10302	9/12/2019 12:55:10		-122.361	37.717	2088865.997	6023498.590		2080.855	RS-700	-0.42229616352
10303	9/12/2019 12:55:11		-122.361	37.717	2088867.476	6023497.492		2089.755	RS-700	-0.36631811321
10304	9/12/2019 12:55:12		-122.361	37.717	2088868.681	6023497.342		2091.650	RS-700	-0.35440327044
10305	9/12/2019 12:55:13		-122.361	37.717	2088869.520	6023497.272		2020.618	RS-700	-0.80114698113
10306	9/12/2019 12:55:14		-122.361	37.717	2088869.775	6023497.277		2033.831	RS-700	-0.71804610063
10307	9/12/2019 12:55:15		-122.361	37.717	2088869.156	6023497.265		2037.524	RS-700	-0.69481943396
10308	9/12/2019 12:55:16		-122.361	37.717	2088867.913	6023497.500		2163.449	RS-700	0.09716169811

Gamma Scan Survey Results
Survey Unit 4 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
10309	9/12/2019 12:55:17		-122.361	37.717	2088866.955	6023498.031		2119.869	RS-700	-0.17692327044
10310	9/12/2019 12:55:18		-122.361	37.717	2088865.887	6023498.646		2101.422	RS-700	-0.29294320755
10311	9/12/2019 12:55:19		-122.361	37.717	2088864.964	6023499.264		2000.621	RS-700	-0.92691226415
10312	9/12/2019 12:55:20		-122.361	37.717	2088864.480	6023499.775		2151.889	RS-700	0.02445842767
10313	9/12/2019 12:55:21		-122.361	37.717	2088864.517	6023499.747		2164.751	RS-700	0.10535339623
10314	9/12/2019 12:55:22		-122.361	37.717	2088864.441	6023499.919		2177.897	RS-700	0.18802981132
10315	9/12/2019 12:55:23		-122.361	37.717	2088864.217	6023500.204		2200.898	RS-700	0.33269408805
10316	9/12/2019 12:55:24		-122.361	37.717	2088863.506	6023501.174		2052.533	RS-700	-0.60042270440
10317	9/12/2019 12:55:25		-122.361	37.717	2088862.307	6023502.857		1735.623	RS-700	-2.59356584906
10318	9/12/2019 12:55:26		-122.361	37.717	2088860.854	6023504.506		1975.791	RS-700	-1.08307522013
10319	9/12/2019 12:55:27		-122.361	37.717	2088859.438	6023506.127		1946.093	RS-700	-1.26985371069
10320	9/12/2019 12:55:28		-122.361	37.717	2088858.379	6023508.073		2067.430	RS-700	-0.50673018868
10321	9/12/2019 12:55:29		-122.361	37.717	2088857.288	6023509.816		2074.845	RS-700	-0.46009547170
10322	9/12/2019 12:55:30		-122.361	37.717	2088855.878	6023511.148		1914.877	RS-700	-1.46618383648
10323	9/12/2019 12:55:31		-122.361	37.717	2088858.500	6023511.142		2026.422	RS-700	-0.76464081761
10324	9/12/2019 12:55:32		-122.361	37.717	2088852.979	6023514.099		2032.933	RS-700	-0.72369301887
10325	9/12/2019 12:55:33		-122.361	37.717	2088851.664	6023516.098		1986.713	RS-700	-1.01438163522
10326	9/12/2019 12:55:34		-122.361	37.717	2088850.281	6023517.893		1972.711	RS-700	-1.10244465409
10327	9/12/2019 12:55:35		-122.361	37.717	2088849.049	6023519.431		2058.533	RS-700	-0.56268396226
10328	9/12/2019 12:55:36		-122.361	37.717	2088848.114	6023520.627		2031.031	RS-700	-0.73565100629
10329	9/12/2019 12:55:37		-122.361	37.717	2088846.808	6023522.221		1945.990	RS-700	-1.27050069182
10330	9/12/2019 12:55:38		-122.361	37.717	2088845.903	6023523.794		2030.525	RS-700	-0.73883440252
10331	9/12/2019 12:55:39		-122.361	37.717	2088844.526	6023525.271		1976.610	RS-700	-1.07792622642
10332	9/12/2019 12:55:40		-122.361	37.717	2088843.447	6023526.407		2054.838	RS-700	-0.58592264151
10333	9/12/2019 12:55:41		-122.361	37.717	2088842.666	6023527.202		2021.725	RS-700	-0.79418471698
10334	9/12/2019 12:55:42		-122.361	37.717	2088846.282	6023526.695		1962.804	RS-700	-1.16475421384
10335	9/12/2019 12:55:43		-122.361	37.717	2088845.461	6023527.691		2025.928	RS-700	-0.76774937107
10336	9/12/2019 12:55:44		-122.361	37.717	2088844.454	6023528.886		2074.845	RS-700	-0.46009540881
10337	9/12/2019 12:55:45		-122.361	37.717	2088843.296	6023530.339		2054.132	RS-700	-0.59036616352
10338	9/12/2019 12:55:46		-122.361	37.717	2088837.738	6023533.295		2054.147	RS-700	-0.59027345912
10339	9/12/2019 12:55:47		-122.361	37.717	2088836.538	6023535.036		2061.841	RS-700	-0.54187798742
10340	9/12/2019 12:55:48		-122.361	37.717	2088835.011	6023536.712		1636.596	RS-700	-3.21637924528
10341	9/12/2019 12:55:49		-122.361	37.717	2088833.889	6023538.194		1192.576	RS-700	-6.00895817610
10342	9/12/2019 12:55:50		-122.361	37.717	2088833.167	6023539.742		1082.346	RS-700	-6.70222540881
10343	9/12/2019 12:55:51		-122.361	37.717	2088832.300	6023541.200		1212.278	RS-700	-5.88504685535
10344	9/12/2019 12:55:52		-122.361	37.717	2088831.183	6023542.422		1895.855	RS-700	-1.58581691824
10345	9/12/2019 12:55:53		-122.361	37.717	2088829.889	6023543.380		2124.763	RS-700	-0.14614704403
10346	9/12/2019 12:55:54		-122.361	37.717	2088833.141	6023542.866		2185.873	RS-700	0.23819421384
10347	9/12/2019 12:55:55		-122.361	37.717	2088832.284	6023543.862		2221.686	RS-700	0.46343207547
10348	9/12/2019 12:55:56		-122.361	37.717	2088831.202	6023545.142		2328.836	RS-700	1.13733182390
10349	9/12/2019 12:55:57		-122.361	37.717	2088829.933	6023546.679		2245.906	RS-700	0.61575987421
10350	9/12/2019 12:55:58		-122.361	37.717	2088828.367	6023548.528		2165.776	RS-700	0.11180176101
10351	9/12/2019 12:55:59		-122.361	37.717	2088826.837	6023550.350		2200.785	RS-700	0.33198327044
10352	9/12/2019 12:56:00		-122.361	37.717	2088825.418	6023552.144		1986.314	RS-700	-1.01689182390
10353	9/12/2019 12:56:01		-122.361	37.717	2088824.073	6023553.824		2046.942	RS-700	-0.63558477987
10354	9/12/2019 12:56:02		-122.361	37.717	2088822.765	6023555.534		2094.541	RS-700	-0.33622289308
10355	9/12/2019 12:56:03		-122.360	37.717	2088821.275	6023557.182		2108.548	RS-700	-0.24812691824
10356	9/12/2019 12:56:04		-122.360	37.717	2088819.601	6023558.943		2110.336	RS-700	-0.23688006289
10357	9/12/2019 12:56:05		-122.360	37.717	2088818.036	6023560.734		2117.544	RS-700	-0.19154968554
10358	9/12/2019 12:56:06		-122.360	37.717	2088816.708	6023563.398		2054.612	RS-700	-0.58734628931
10359	9/12/2019 12:56:07		-122.360	37.717	2088815.154	6023564.640		2040.632	RS-700	-0.67526798742
10360	9/12/2019 12:56:08		-122.360	37.717	2088813.622	6023566.606		2031.828	RS-700	-0.73063981132
10361	9/12/2019 12:56:09		-122.360	37.717	2088812.095	6023568.312		1993.619	RS-700	-0.97095094340
10362	9/12/2019 12:56:10		-122.360	37.717	2088810.677	6023569.990		2088.959	RS-700	-0.37132698113
10363	9/12/2019 12:56:11		-122.360	37.717	2088809.334	6023571.613		2012.734	RS-700	-0.85073044025
10364	9/12/2019 12:56:12		-122.360	37.717	2088808.100	6023573.237		2047.631	RS-700	-0.63124855346
10365	9/12/2019 12:56:13		-122.360	37.717	2088806.942	6023574.690		2077.847	RS-700	-0.44121232704
10366	9/12/2019 12:56:14		-122.360	37.717	2088805.639	6023576.139		2060.328	RS-700	-0.55139716981
10367	9/12/2019 12:56:15		-122.360	37.717	2088804.189	6023577.615		1996.816	RS-700	-0.95084119497
10368	9/12/2019 12:56:16		-122.360	37.717	2088802.667	6023579.060		1975.397	RS-700	-1.08555628931
10369	9/12/2019 12:56:17		-122.360	37.717	2088801.109	6023580.475		1882.770	RS-700	-1.66811157233

Gamma Scan Survey Results
Survey Unit 4 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
10370	9/12/2019 12:56:18		-122.360	37.717	2088799.681	6023582.733		2123.080	RS-700	-0.15672654088
10371	9/12/2019 12:56:19		-122.360	37.717	2088798.518	6023584.416		2053.735	RS-700	-0.59286257862
10372	9/12/2019 12:56:20		-122.360	37.717	2088797.616	6023585.816		2051.939	RS-700	-0.60415943396
10373	9/12/2019 12:56:21		-122.360	37.717	2088796.609	6023587.011		2016.623	RS-700	-0.82626911950
10374	9/12/2019 12:56:22		-122.360	37.717	2088791.538	6023589.283		1969.692	RS-700	-1.12143238994
10375	9/12/2019 12:56:23		-122.360	37.717	2088790.895	6023590.485		2052.737	RS-700	-0.59913880503
10376	9/12/2019 12:56:24		-122.360	37.717	2088790.222	6023591.368		1970.409	RS-700	-1.11692257862
10377	9/12/2019 12:56:25		-122.360	37.717	2088793.506	6023591.057		2085.840	RS-700	-0.39094169811
10378	9/12/2019 12:56:26		-122.360	37.717	2088793.394	6023591.171		2056.835	RS-700	-0.57336503145
10379	9/12/2019 12:56:27		-122.360	37.717	2088793.431	6023591.172		1958.604	RS-700	-1.19116723270
10380	9/12/2019 12:56:28		-122.360	37.717	2088793.394	6023591.200		2021.136	RS-700	-0.79788805031
10381	9/12/2019 12:56:29		-122.360	37.717	2088793.430	6023591.201		2090.857	RS-700	-0.35939056604
10382	9/12/2019 12:56:30		-122.360	37.717	2088793.394	6023591.200		2001.323	RS-700	-0.92249559748
10383	9/12/2019 12:56:31		-122.360	37.717	2088793.393	6023591.229		2044.829	RS-700	-0.64887176101
10384	9/12/2019 12:56:32		-122.360	37.717	2088792.945	6023591.770		1944.309	RS-700	-1.28107352201
10385	9/12/2019 12:56:33		-122.360	37.717	2088791.973	6023593.052		2013.823	RS-700	-0.84388194969
10386	9/12/2019 12:56:34		-122.360	37.717	2088790.665	6023594.733		2049.248	RS-700	-0.62107886793
10387	9/12/2019 12:56:35		-122.360	37.717	2088789.470	6023596.214		2193.456	RS-700	0.28588685535
10388	9/12/2019 12:56:36		-122.360	37.717	2088788.498	6023597.496		2091.166	RS-700	-0.35744566038
10389	9/12/2019 12:56:37		-122.360	37.717	2088787.825	6023598.351		2054.537	RS-700	-0.58781628931
10390	9/12/2019 12:56:38		-122.360	37.717	2088787.302	6023599.035		2035.949	RS-700	-0.70472610063
10391	9/12/2019 12:56:39		-122.360	37.717	2088786.778	6023599.719		2006.521	RS-700	-0.88980616352
10392	9/12/2019 12:56:40		-122.360	37.717	2088785.918	6023600.859		2053.324	RS-700	-0.59544440252
10393	9/12/2019 12:56:41		-122.360	37.717	2088784.535	6023602.654		2055.841	RS-700	-0.57961522013
10394	9/12/2019 12:56:42		-122.360	37.717	2088783.040	6023604.562		2059.427	RS-700	-0.55706000000
10395	9/12/2019 12:56:43		-122.360	37.717	2088781.471	6023606.556		2016.722	RS-700	-0.82564849057
10396	9/12/2019 12:56:44		-122.360	37.717	2088780.012	6023608.495		1945.806	RS-700	-1.27165773585
10397	9/12/2019 12:56:45		-122.360	37.717	2088778.516	6023610.461		1989.510	RS-700	-0.99679283019
10398	9/12/2019 12:56:46		-122.360	37.717	2088777.056	6023612.486		2026.313	RS-700	-0.76532465409
10399	9/12/2019 12:56:47		-122.360	37.717	2088775.554	6023614.713		1979.792	RS-700	-1.05791264151
10400	9/12/2019 12:56:48		-122.360	37.717	2088773.981	6023616.938		1948.407	RS-700	-1.25530452830
10401	9/12/2019 12:56:49		-122.360	37.717	2088772.337	6023619.017		2063.362	RS-700	-0.53231654088
10402	9/12/2019 12:56:50		-122.360	37.717	2088770.697	6023620.894		2017.716	RS-700	-0.81939534591
10403	9/12/2019 12:56:51		-122.360	37.717	2088769.089	6023623.003		1967.396	RS-700	-1.13587522013
10404	9/12/2019 12:56:52		-122.360	37.717	2088767.482	6023625.054		2020.830	RS-700	-0.79981138365
10405	9/12/2019 12:56:53		-122.360	37.717	2088765.950	6023627.049		1918.594	RS-700	-1.44280503145
10406	9/12/2019 12:56:54		-122.360	37.717	2088764.455	6023628.929		1982.512	RS-700	-1.04080213836
10407	9/12/2019 12:56:55		-122.360	37.717	2088762.999	6023630.751		1955.509	RS-700	-1.21063232704
10408	9/12/2019 12:56:56		-122.360	37.717	2088761.577	6023632.661		1980.498	RS-700	-1.05346981132
10409	9/12/2019 12:56:57		-122.360	37.717	2088760.042	6023634.743		1988.712	RS-700	-1.00181125786
10410	9/12/2019 12:56:58		-122.360	37.717	2088758.397	6023636.909		1928.500	RS-700	-1.38050603774
10411	9/12/2019 12:56:59		-122.360	37.717	2088756.753	6023638.988		1941.890	RS-700	-1.29628786164
10412	9/12/2019 12:57:00		-122.360	37.717	2088755.110	6023641.038		2035.219	RS-700	-0.70931735849
10413	9/12/2019 12:57:01		-122.360	37.717	2088753.391	6023643.232		1964.217	RS-700	-1.15586968553
10414	9/12/2019 12:57:02		-122.360	37.717	2088751.597	6023645.539		1983.514	RS-700	-1.03450528302
10415	9/12/2019 12:57:03		-122.360	37.717	2088749.842	6023647.703		1975.007	RS-700	-1.08800930818
10416	9/12/2019 12:57:04		-122.360	37.717	2088748.162	6023649.811		1960.415	RS-700	-1.17978213836
10417	9/12/2019 12:57:05		-122.360	37.717	2088742.748	6023652.857		1921.973	RS-700	-1.42155301887
10418	9/12/2019 12:57:06		-122.360	37.717	2088740.737	6023655.073		2017.732	RS-700	-0.81929534591
10419	9/12/2019 12:57:07		-122.360	37.717	2088743.227	6023656.193		1922.598	RS-700	-1.41761981132
10420	9/12/2019 12:57:08		-122.360	37.717	2088741.547	6023658.301		1881.692	RS-700	-1.67489062893
10421	9/12/2019 12:57:09		-122.360	37.717	2088736.353	6023661.264		1918.592	RS-700	-1.44282037736
10422	9/12/2019 12:57:10		-122.360	37.717	2088734.634	6023663.457		1805.739	RS-700	-2.15258559748
10423	9/12/2019 12:57:11		-122.360	37.717	2088732.924	6023665.217		1833.561	RS-700	-1.97760383648
10424	9/12/2019 12:57:12		-122.360	37.717	2088731.319	6023667.153		1984.717	RS-700	-1.02693578616
10425	9/12/2019 12:57:13		-122.360	37.717	2088733.416	6023667.918		1909.497	RS-700	-1.50001748428
10426	9/12/2019 12:57:14		-122.360	37.717	2088728.110	6023671.023		2014.505	RS-700	-0.83959314465
10427	9/12/2019 12:57:15		-122.360	37.717	2088730.192	6023672.569		2060.632	RS-700	-0.54948119497
10428	9/12/2019 12:57:16		-122.360	37.717	2088728.584	6023674.678		1768.525	RS-700	-2.38663610063
10429	9/12/2019 12:57:17		-122.360	37.717	2088727.013	6023676.730		1547.415	RS-700	-3.77726723270
10430	9/12/2019 12:57:18		-122.360	37.717	2088725.633	6023678.409		1631.889	RS-700	-3.24598238994

Gamma Scan Survey Results
Survey Unit 4 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
10431	9/12/2019 12:57:19		-122.360	37.717	2088724.395	6023680.207		1581.328	RS-700	-3.56397641509
10432	9/12/2019 12:57:20		-122.360	37.717	2088722.839	6023681.536		1936.575	RS-700	-1.32971691824
10433	9/12/2019 12:57:21		-122.360	37.717	2088721.376	6023683.677		2030.032	RS-700	-0.74193647799
10434	9/12/2019 12:57:22		-122.360	37.717	2088719.694	6023685.871		2056.620	RS-700	-0.57471893082
10435	9/12/2019 12:57:23		-122.360	37.717	2088717.940	6023687.977		1944.989	RS-700	-1.27679635220
10436	9/12/2019 12:57:24		-122.360	37.717	2088716.589	6023689.975		1939.599	RS-700	-1.31069566038
10437	9/12/2019 12:57:25		-122.360	37.717	2088715.641	6023691.895		2009.925	RS-700	-0.86839798742
10438	9/12/2019 12:57:26		-122.360	37.717	2088715.164	6023692.059		2086.066	RS-700	-0.38952471698
10439	9/12/2019 12:57:27		-122.360	37.717	2088714.669	6023693.148		2023.127	RS-700	-0.78536723270
10440	9/12/2019 12:57:28		-122.360	37.717	2088713.687	6023694.894		2025.828	RS-700	-0.76837937107
10441	9/12/2019 12:57:29		-122.360	37.717	2088712.119	6023696.859		2032.631	RS-700	-0.72559207547
10442	9/12/2019 12:57:30		-122.360	37.717	2088710.475	6023698.909		1964.710	RS-700	-1.15276603774
10443	9/12/2019 12:57:31		-122.360	37.717	2088709.012	6023701.079		2033.628	RS-700	-0.71931792453
10444	9/12/2019 12:57:32		-122.360	37.717	2088707.406	6023703.101		2020.824	RS-700	-0.79984943396
10445	9/12/2019 12:57:33		-122.360	37.717	2088705.946	6023705.068		2001.521	RS-700	-0.92125207547
10446	9/12/2019 12:57:34		-122.360	37.717	2088704.411	6023707.178		1943.404	RS-700	-1.28676566038
10447	9/12/2019 12:57:35		-122.360	37.717	2088703.121	6023709.785		1927.693	RS-700	-1.38558050314
10448	9/12/2019 12:57:36		-122.360	37.716	2088695.876	6023713.345		1947.087	RS-700	-1.26360484277
10449	9/12/2019 12:57:37		-122.360	37.716	2088694.488	6023715.371		1973.512	RS-700	-1.09740610063
10450	9/12/2019 12:57:38		-122.360	37.716	2088698.370	6023716.114		1974.700	RS-700	-1.08993805031
10451	9/12/2019 12:57:39		-122.360	37.716	2088691.347	6023719.504		1975.895	RS-700	-1.08241962264
10452	9/12/2019 12:57:40		-122.360	37.716	2088694.982	6023719.807		1986.326	RS-700	-1.01681779874
10453	9/12/2019 12:57:41		-122.360	37.716	2088693.376	6023721.858		1963.698	RS-700	-1.15913408805
10454	9/12/2019 12:57:42		-122.360	37.716	2088686.673	6023725.602		1939.596	RS-700	-1.31071672956
10455	9/12/2019 12:57:43		-122.360	37.716	2088685.068	6023727.566		2048.734	RS-700	-0.62431276730
10456	9/12/2019 12:57:44		-122.360	37.716	2088688.227	6023728.063		1934.303	RS-700	-1.34400333333
10457	9/12/2019 12:57:45		-122.360	37.716	2088681.599	6023731.692		1859.945	RS-700	-1.81166937107
10458	9/12/2019 12:57:46		-122.360	37.716	2088679.953	6023733.887		1889.962	RS-700	-1.62288245283
10459	9/12/2019 12:57:47		-122.360	37.716	2088678.162	6023736.021		1960.606	RS-700	-1.17858176101
10460	9/12/2019 12:57:48		-122.360	37.716	2088676.446	6023738.070		2102.075	RS-700	-0.28883647799
10461	9/12/2019 12:57:49		-122.360	37.716	2088679.592	6023739.203		2111.653	RS-700	-0.22859943396
10462	9/12/2019 12:57:50		-122.360	37.716	2088677.946	6023741.398		1967.903	RS-700	-1.13268591195
10463	9/12/2019 12:57:51		-122.360	37.716	2088676.192	6023743.533		1962.798	RS-700	-1.16479301887
10464	9/12/2019 12:57:52		-122.360	37.716	2088674.478	6023745.466		2081.736	RS-700	-0.41675238994
10465	9/12/2019 12:57:53		-122.360	37.716	2088672.946	6023747.432		2052.527	RS-700	-0.60045729560
10466	9/12/2019 12:57:54		-122.360	37.716	2088671.421	6023749.051		1954.402	RS-700	-1.21759830189
10467	9/12/2019 12:57:55		-122.360	37.716	2088669.928	6023750.873		1996.524	RS-700	-0.95268132076
10468	9/12/2019 12:57:56		-122.360	37.716	2088668.579	6023752.755		1959.801	RS-700	-1.18364283019
10469	9/12/2019 12:57:57		-122.360	37.716	2088667.051	6023754.547		1985.313	RS-700	-1.02318867925
10470	9/12/2019 12:57:58		-122.360	37.716	2088665.446	6023756.483		2050.423	RS-700	-0.61369050315
10471	9/12/2019 12:57:59		-122.360	37.716	2088663.840	6023758.505		2115.544	RS-700	-0.20412610063
10472	9/12/2019 12:58:00		-122.360	37.716	2088662.379	6023760.559		2177.666	RS-700	0.18657748428
10473	9/12/2019 12:58:01		-122.360	37.716	2088660.812	6023762.408		2170.911	RS-700	0.14409566038
10474	9/12/2019 12:58:02		-122.360	37.716	2088659.026	6023764.340		2070.845	RS-700	-0.48524955975
10475	9/12/2019 12:58:03		-122.360	37.716	2088657.312	6023766.302		2105.330	RS-700	-0.26836251572
10476	9/12/2019 12:58:04		-122.360	37.716	2088655.631	6023768.381		2255.583	RS-700	0.17472879765
10477	9/12/2019 12:58:05		-122.360	37.716	2088654.112	6023769.710		2654.817	RS-700	1.34550310850
10478	9/12/2019 12:58:06		-122.360	37.716	2088652.817	6023772.578		2375.968	RS-700	0.52776542522
10479	9/12/2019 12:58:07		-122.360	37.716	2088651.542	6023774.404		1887.574	RS-700	-0.90447615836
10480	9/12/2019 12:58:08		-122.360	37.716	2088650.344	6023776.058		1478.529	RS-700	-2.10402020528
10481	9/12/2019 12:58:09		-122.360	37.716	2088648.906	6023776.926		2054.041	RS-700	-0.41630152493
10482	9/12/2019 12:58:10		-122.360	37.716	2088647.597	6023778.665		2541.165	RS-700	1.01221340176
10483	9/12/2019 12:58:11		-122.360	37.716	2088646.319	6023780.665		2564.164	RS-700	1.07966000000
10484	9/12/2019 12:58:12		-122.360	37.716	2088644.713	6023782.687		2199.899	RS-700	0.32640748428
10485	9/12/2019 12:58:13		-122.360	37.716	2088643.033	6023784.766		2003.620	RS-700	-0.90804817610
10486	9/12/2019 12:58:14		-122.360	37.716	2088641.282	6023786.727		2093.066	RS-700	-0.34549383648
10487	9/12/2019 12:58:15		-122.360	37.716	2088639.823	6023788.665		2047.836	RS-700	-0.62996226415
10488	9/12/2019 12:58:16		-122.360	37.716	2088638.089	6023789.817		2027.422	RS-700	-0.75835496855
10489	9/12/2019 12:58:17		-122.360	37.716	2088635.970	6023790.122		2006.123	RS-700	-0.89230786164
10490	9/12/2019 12:58:18		-122.360	37.716	2088629.980	6023790.987		2034.417	RS-700	-0.71435836478
10491	9/12/2019 12:58:19		-122.360	37.716	2088629.260	6023790.567		1953.996	RS-700	-1.22015025157

Gamma Scan Survey Results
Survey Unit 4 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
10492	9/12/2019 12:58:20		-122.360	37.716	2088629.542	6023791.036		2021.513	RS-700	-0.79551522013
10493	9/12/2019 12:58:21		-122.360	37.716	2088630.387	6023792.528		2035.629	RS-700	-0.70673855346
10494	9/12/2019 12:58:22		-122.360	37.716	2088630.528	6023794.556		2055.639	RS-700	-0.58088792453
10495	9/12/2019 12:58:23		-122.360	37.716	2088630.615	6023795.686		2026.926	RS-700	-0.76146893082
10496	9/12/2019 12:58:24		-122.360	37.716	2088630.756	6023795.920		2034.042	RS-700	-0.71671805031
10497	9/12/2019 12:58:25		-122.360	37.716	2088630.707	6023794.733		2000.714	RS-700	-0.92632805031
10498	9/12/2019 12:58:26		-122.360	37.716	2088630.783	6023792.767		2058.737	RS-700	-0.56140440252
10499	9/12/2019 12:58:27		-122.360	37.716	2088631.117	6023790.575		2063.327	RS-700	-0.53253295598
10500	9/12/2019 12:58:28		-122.360	37.716	2088631.961	6023788.422		2053.423	RS-700	-0.59482276730
10501	9/12/2019 12:58:29		-122.360	37.716	2088633.419	6023786.542		1975.701	RS-700	-1.08364119497
10502	9/12/2019 12:58:30		-122.360	37.716	2088634.952	6023784.547		2101.176	RS-700	-0.29449345912
10503	9/12/2019 12:58:31		-122.360	37.716	2088636.703	6023782.586		2355.961	RS-700	1.30792886792
10504	9/12/2019 12:58:32		-122.360	37.716	2088642.421	6023778.909		2633.833	RS-700	1.28396651026
10505	9/12/2019 12:58:33		-122.360	37.716	2088640.246	6023778.403		2374.498	RS-700	0.52345548387
10506	9/12/2019 12:58:34		-122.360	37.716	2088641.878	6023776.873		1955.406	RS-700	-0.70555565982
10507	9/12/2019 12:58:35		-122.360	37.716	2088643.221	6023775.309		1462.232	RS-700	-2.15181170088
10508	9/12/2019 12:58:36		-122.360	37.716	2088644.671	6023773.775		2047.154	RS-700	-0.43649961877
10509	9/12/2019 12:58:37		-122.360	37.716	2088646.233	6023772.157		2552.427	RS-700	1.04524008798
10510	9/12/2019 12:58:38		-122.360	37.716	2088647.681	6023770.769		2505.675	RS-700	0.90813712610
10511	9/12/2019 12:58:39		-122.360	37.716	2088649.910	6023768.585		2165.214	RS-700	-0.09028108504
10512	9/12/2019 12:58:40		-122.360	37.716	2088651.779	6023766.163		2116.440	RS-700	-0.23331428153
10513	9/12/2019 12:58:41		-122.360	37.716	2088653.754	6023763.888		2134.553	RS-700	-0.08457327044
10514	9/12/2019 12:58:42		-122.360	37.716	2088655.872	6023761.760		2166.450	RS-700	0.11604050315
10515	9/12/2019 12:58:43		-122.360	37.716	2088657.689	6023760.147		2231.135	RS-700	0.52285918239
10516	9/12/2019 12:58:44		-122.360	37.716	2088659.355	6023758.763		2063.049	RS-700	-0.53428345912
10517	9/12/2019 12:58:45		-122.360	37.716	2088660.881	6023757.115		2063.535	RS-700	-0.53122930818
10518	9/12/2019 12:58:46		-122.360	37.716	2088662.372	6023755.380		1992.611	RS-700	-0.97728987421
10519	9/12/2019 12:58:47		-122.360	37.716	2088663.900	6023753.646		1992.822	RS-700	-0.97595962264
10520	9/12/2019 12:58:48		-122.360	37.716	2088665.358	6023751.736		1994.616	RS-700	-0.96467974843
10521	9/12/2019 12:58:49		-122.360	37.716	2088666.598	6023749.823		2015.716	RS-700	-0.83197257862
10522	9/12/2019 12:58:50		-122.360	37.716	2088668.019	6023747.970		2112.434	RS-700	-0.22368616352
10523	9/12/2019 12:58:51		-122.360	37.716	2088669.435	6023746.350		2009.921	RS-700	-0.86842402516
10524	9/12/2019 12:58:52		-122.360	37.716	2088670.856	6023744.497		2061.739	RS-700	-0.54252289308
10525	9/12/2019 12:58:53		-122.360	37.716	2088672.315	6023742.530		2028.622	RS-700	-0.75080220126
10526	9/12/2019 12:58:54		-122.360	37.716	2088673.737	6023740.620		2033.842	RS-700	-0.71797308176
10527	9/12/2019 12:58:55		-122.360	37.716	2088675.158	6023738.739		2187.118	RS-700	0.24602559748
10528	9/12/2019 12:58:56		-122.360	37.716	2088676.467	6023737.029		2052.839	RS-700	-0.59849547170
10529	9/12/2019 12:58:57		-122.360	37.716	2088677.550	6023735.662		1958.618	RS-700	-1.19108465409
10530	9/12/2019 12:58:58		-122.360	37.716	2088678.300	6023734.577		1926.978	RS-700	-1.39007540881
10531	9/12/2019 12:58:59		-122.360	37.716	2088678.823	6023733.951		2035.638	RS-700	-0.70667930818
10532	9/12/2019 12:59:00		-122.360	37.716	2088678.860	6023733.894		1923.871	RS-700	-1.40961792453
10533	9/12/2019 12:59:01		-122.360	37.716	2088678.858	6023734.010		1923.896	RS-700	-1.40946050314
10534	9/12/2019 12:59:02		-122.360	37.716	2088678.895	6023733.982		1995.016	RS-700	-0.96216635220
10535	9/12/2019 12:59:03		-122.360	37.716	2088677.783	6023734.972		1882.770	RS-700	-1.66811522013
10536	9/12/2019 12:59:04		-122.360	37.716	2088677.783	6023734.972		1942.086	RS-700	-1.29505622642
10537	9/12/2019 12:59:05		-122.360	37.716	2088677.783	6023734.972		2004.626	RS-700	-0.90172440252
10538	9/12/2019 12:59:06		-122.360	37.716	2088677.818	6023735.002		1958.702	RS-700	-1.19055176101
10539	9/12/2019 12:59:07		-122.360	37.716	2088677.782	6023735.001		2036.523	RS-700	-0.70111490566
10540	9/12/2019 12:59:08		-122.360	37.716	2088677.818	6023735.002		1957.997	RS-700	-1.19498905660
10541	9/12/2019 12:59:09		-122.360	37.716	2088677.819	6023734.973		1946.991	RS-700	-1.26420905660
10542	9/12/2019 12:59:10		-122.360	37.716	2088677.819	6023734.973		1929.498	RS-700	-1.37422849057
10543	9/12/2019 12:59:11		-122.360	37.716	2088677.818	6023735.002		2004.418	RS-700	-0.90303440252
10544	9/12/2019 12:59:12		-122.360	37.716	2088677.818	6023735.002		1902.775	RS-700	-1.54229836478
10545	9/12/2019 12:59:13		-122.360	37.716	2088677.819	6023734.973		1980.711	RS-700	-1.05212943396
10546	9/12/2019 12:59:14		-122.360	37.716	2088678.968	6023733.983		2056.427	RS-700	-0.57592861635
10547	9/12/2019 12:59:15		-122.360	37.716	2088679.018	6023733.290		2018.727	RS-700	-0.81303811321
10548	9/12/2019 12:59:16		-122.360	37.716	2088679.054	6023733.319		1923.910	RS-700	-1.40937188679
10549	9/12/2019 12:59:17		-122.360	37.716	2088679.053	6023733.377		1954.404	RS-700	-1.21758301887
10550	9/12/2019 12:59:18		-122.360	37.716	2088679.053	6023733.348		1998.116	RS-700	-0.94266748428
10551	9/12/2019 12:59:19		-122.360	37.716	2088679.053	6023733.377		2001.819	RS-700	-0.91937842767
10552	9/12/2019 12:59:20		-122.360	37.716	2088679.016	6023733.405		1967.601	RS-700	-1.13458515723

Gamma Scan Survey Results
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SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
10553	9/12/2019 12:59:21		-122.360	37.716	2088679.016	6023733.405		1926.208	RS-700	-1.39491918239
10554	9/12/2019 12:59:22		-122.360	37.716	2088679.015	6023733.434		1928.500	RS-700	-1.38050327044
10555	9/12/2019 12:59:23		-122.360	37.716	2088679.015	6023733.434		1983.910	RS-700	-1.03201201258
10556	9/12/2019 12:59:24		-122.360	37.716	2088679.014	6023733.463		1987.711	RS-700	-1.00810452830
10557	9/12/2019 12:59:25		-122.360	37.716	2088679.051	6023733.435		2006.418	RS-700	-0.89045044025
10558	9/12/2019 12:59:26		-122.360	37.716	2088679.051	6023733.435		1934.593	RS-700	-1.34217962264
10559	9/12/2019 12:59:27		-122.360	37.716	2088679.004	6023733.984		1966.912	RS-700	-1.13891679245
10560	9/12/2019 12:59:28		-122.360	37.716	2088679.228	6023733.699		1928.595	RS-700	-1.37990484277
10561	9/12/2019 12:59:29		-122.360	37.716	2088679.977	6023732.672		1876.669	RS-700	-1.70648578616
10562	9/12/2019 12:59:30		-122.360	37.716	2088680.877	6023731.359		1952.502	RS-700	-1.22954566038
10563	9/12/2019 12:59:31		-122.360	37.716	2088681.859	6023729.585		1958.509	RS-700	-1.19176477987
10564	9/12/2019 12:59:32		-122.360	37.716	2088682.809	6023727.637		2028.831	RS-700	-0.74948761006
10565	9/12/2019 12:59:33		-122.360	37.716	2088683.828	6023725.806		1975.004	RS-700	-1.08802364780
10566	9/12/2019 12:59:34		-122.360	37.716	2088684.883	6023724.033		2059.437	RS-700	-0.55700075472
10567	9/12/2019 12:59:35		-122.360	37.716	2088686.045	6023722.378		1938.174	RS-700	-1.31965836478
10568	9/12/2019 12:59:36		-122.360	37.716	2088687.278	6023720.811		2063.944	RS-700	-0.52865408805
10569	9/12/2019 12:59:37		-122.360	37.716	2088688.583	6023719.275		2078.472	RS-700	-0.43728257862
10570	9/12/2019 12:59:38		-122.360	37.716	2088690.107	6023717.743		1985.014	RS-700	-1.02506911950
10571	9/12/2019 12:59:39		-122.360	37.716	2088691.149	6023716.607		1998.228	RS-700	-0.94196188679
10572	9/12/2019 12:59:40		-122.360	37.716	2088691.980	6023715.119		1963.697	RS-700	-1.15913603774
10573	9/12/2019 12:59:41		-122.360	37.716	2088693.067	6023713.549		1979.612	RS-700	-1.05904704403
10574	9/12/2019 12:59:42		-122.360	37.716	2088694.261	6023712.126		1977.696	RS-700	-1.07109358491
10575	9/12/2019 12:59:43		-122.360	37.716	2088695.565	6023710.648		1978.909	RS-700	-1.06346566038
10576	9/12/2019 12:59:44		-122.360	37.716	2088696.796	6023709.168		2014.024	RS-700	-0.84261798742
10577	9/12/2019 12:59:45		-122.360	37.716	2088697.990	6023707.745		1968.114	RS-700	-1.13135918239
10578	9/12/2019 12:59:46		-122.360	37.716	2088699.036	6023706.406		1948.501	RS-700	-1.25471018868
10579	9/12/2019 12:59:47		-122.360	37.716	2088699.754	6023705.119		2043.739	RS-700	-0.65572993711
10580	9/12/2019 12:59:48		-122.360	37.716	2088700.469	6023703.947		2038.041	RS-700	-0.69156433962
10581	9/12/2019 12:59:49		-122.360	37.716	2088701.443	6023702.577		2001.530	RS-700	-0.92119433962
10582	9/12/2019 12:59:50		-122.360	37.717	2088702.454	6023701.180		2115.880	RS-700	-0.20201251572
10583	9/12/2019 12:59:51		-122.360	37.717	2088703.578	6023699.611		2120.973	RS-700	-0.16997918239
10584	9/12/2019 12:59:52		-122.360	37.717	2088704.667	6023697.984		2106.759	RS-700	-0.25937918239
10585	9/12/2019 12:59:53		-122.360	37.717	2088705.868	6023696.185		2036.730	RS-700	-0.69981389937
10586	9/12/2019 12:59:54		-122.360	37.717	2088707.107	6023694.300		2084.959	RS-700	-0.39648540881
10587	9/12/2019 12:59:55		-122.360	37.717	2088708.420	6023692.388		2119.867	RS-700	-0.17693817610
10588	9/12/2019 12:59:56		-122.360	37.717	2088709.842	6023690.478		1936.687	RS-700	-1.32901490566
10589	9/12/2019 12:59:57		-122.360	37.717	2088714.922	6023687.743		2012.826	RS-700	-0.85015396226
10590	9/12/2019 12:59:58		-122.360	37.717	2088712.896	6023687.038		2103.543	RS-700	-0.27960534591
10591	9/12/2019 12:59:59		-122.360	37.717	2088714.095	6023685.384		2054.624	RS-700	-0.58726767296
10592	9/12/2019 13:00:00		-122.360	37.717	2088715.331	6023683.643		2049.837	RS-700	-0.61737540881
10593	9/12/2019 13:00:01		-122.360	37.717	2088716.607	6023681.759		2060.536	RS-700	-0.55008723270
10594	9/12/2019 13:00:02		-122.360	37.717	2088717.954	6023679.935		1990.021	RS-700	-0.99358163522
10595	9/12/2019 13:00:03		-122.360	37.717	2088719.374	6023678.111		2004.214	RS-700	-0.90431226415
10596	9/12/2019 13:00:04		-122.360	37.717	2088720.869	6023676.203		1957.791	RS-700	-1.19628503145
10597	9/12/2019 13:00:05		-122.360	37.717	2088722.361	6023674.439		2014.602	RS-700	-0.83898408805
10598	9/12/2019 13:00:06		-122.360	37.717	2088723.813	6023672.847		2009.920	RS-700	-0.86842490566
10599	9/12/2019 13:00:07		-122.360	37.717	2088725.096	6023670.587		1996.417	RS-700	-0.95335006289
10600	9/12/2019 13:00:08		-122.360	37.717	2088726.027	6023669.564		1974.808	RS-700	-1.08926100629
10601	9/12/2019 13:00:09		-122.360	37.717	2088726.586	6023668.939		1993.931	RS-700	-0.96898616352
10602	9/12/2019 13:00:10		-122.360	37.717	2088726.808	6023668.741		2028.714	RS-700	-0.75022855346
10603	9/12/2019 13:00:11		-122.360	37.717	2088726.735	6023668.768		2048.951	RS-700	-0.62294773585
10604	9/12/2019 13:00:12		-122.360	37.717	2088726.735	6023668.739		2016.825	RS-700	-0.82500075472
10605	9/12/2019 13:00:13		-122.360	37.717	2088726.735	6023668.739		2009.924	RS-700	-0.86840295598
10606	9/12/2019 13:00:14		-122.360	37.717	2088726.772	6023668.711		2034.720	RS-700	-0.71245415094
10607	9/12/2019 13:00:15		-122.360	37.717	2088726.772	6023668.711		1974.709	RS-700	-1.08987930818
10608	9/12/2019 13:00:16		-122.360	37.717	2088726.833	6023669.291		1987.709	RS-700	-1.00811905660
10609	9/12/2019 13:00:17		-122.360	37.717	2088727.766	6023668.181		1998.324	RS-700	-0.94135698113
10610	9/12/2019 13:00:18		-122.360	37.717	2088729.106	6023666.704		1988.723	RS-700	-1.00174194969
10611	9/12/2019 13:00:19		-122.360	37.717	2088730.562	6023664.939		1988.830	RS-700	-1.00106899371
10612	9/12/2019 13:00:20		-122.360	37.717	2088732.092	6023663.089		1844.754	RS-700	-1.90720465409
10613	9/12/2019 13:00:21		-122.360	37.717	2088733.672	6023660.545		1912.211	RS-700	-1.48295150943

Gamma Scan Survey Results
Survey Unit 4 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
10614	9/12/2019 13:00:22		-122.360	37.717	2088735.089	6023658.895		1884.754	RS-700	-1.65563742138
10615	9/12/2019 13:00:23		-122.360	37.717	2088736.541	6023657.275		1907.585	RS-700	-1.51204509434
10616	9/12/2019 13:00:24		-122.360	37.717	2088738.177	6023655.601		1991.714	RS-700	-0.98293094340
10617	9/12/2019 13:00:25		-122.360	37.717	2088739.624	6023654.241		2013.623	RS-700	-0.84513968554
10618	9/12/2019 13:00:26		-122.360	37.717	2088741.121	6023652.246		1979.816	RS-700	-1.05775886792
10619	9/12/2019 13:00:27		-122.360	37.717	2088742.503	6023650.508		2021.632	RS-700	-0.79476849057
10620	9/12/2019 13:00:28		-122.360	37.717	2088743.933	6023648.193		1994.816	RS-700	-0.96342207547
10621	9/12/2019 13:00:29		-122.360	37.717	2088745.317	6023646.340		1949.696	RS-700	-1.24719578616
10622	9/12/2019 13:00:30		-122.360	37.717	2088746.774	6023644.489		2015.623	RS-700	-0.83255716981
10623	9/12/2019 13:00:31		-122.360	37.717	2088748.074	6023643.242		2059.533	RS-700	-0.55639641509
10624	9/12/2019 13:00:32		-122.360	37.717	2088749.530	6023641.448		1985.127	RS-700	-1.02435893082
10625	9/12/2019 13:00:33		-122.360	37.717	2088750.982	6023639.828		1998.920	RS-700	-0.93761062893
10626	9/12/2019 13:00:34		-122.360	37.717	2088752.520	6023637.602		2068.647	RS-700	-0.49907754717
10627	9/12/2019 13:00:35		-122.360	37.717	2088753.832	6023635.719		2148.560	RS-700	0.00352113208
10628	9/12/2019 13:00:36		-122.360	37.717	2088754.999	6023633.775		2048.038	RS-700	-0.62869025157
10629	9/12/2019 13:00:37		-122.360	37.717	2088756.305	6023632.238		2038.135	RS-700	-0.69097389937
10630	9/12/2019 13:00:38		-122.360	37.717	2088757.691	6023630.299		2063.049	RS-700	-0.53428452830
10631	9/12/2019 13:00:39		-122.360	37.717	2088759.260	6023628.305		2074.640	RS-700	-0.46138119497
10632	9/12/2019 13:00:40		-122.360	37.717	2088760.721	6023626.280		2012.625	RS-700	-0.85141823899
10633	9/12/2019 13:00:41		-122.360	37.717	2088762.108	6023624.282		2013.745	RS-700	-0.84436924528
10634	9/12/2019 13:00:42		-122.360	37.717	2088763.505	6023621.793		2033.320	RS-700	-0.72125993711
10635	9/12/2019 13:00:43		-122.360	37.717	2088764.961	6023619.999		2116.287	RS-700	-0.19945006289
10636	9/12/2019 13:00:44		-122.360	37.717	2088766.444	6023618.669		1992.413	RS-700	-0.97853383648
10637	9/12/2019 13:00:45		-122.360	37.717	2088767.903	6023616.702		2010.623	RS-700	-0.86400465409
10638	9/12/2019 13:00:46		-122.360	37.717	2088769.433	6023614.881		1988.813	RS-700	-1.00117389937
10639	9/12/2019 13:00:47		-122.360	37.717	2088771.000	6023612.973		2022.028	RS-700	-0.79227899371
10640	9/12/2019 13:00:48		-122.360	37.717	2088772.568	6023611.037		1971.608	RS-700	-1.10938270440
10641	9/12/2019 13:00:49		-122.360	37.717	2088774.066	6023608.984		2026.923	RS-700	-0.76148899371
10642	9/12/2019 13:00:50		-122.360	37.717	2088775.489	6023607.016		2080.956	RS-700	-0.42166006289
10643	9/12/2019 13:00:51		-122.360	37.717	2088776.764	6023605.161		2095.851	RS-700	-0.32797867925
10644	9/12/2019 13:00:52		-122.360	37.717	2088778.222	6023603.252		2045.529	RS-700	-0.64447201258
10645	9/12/2019 13:00:53		-122.360	37.717	2088779.643	6023601.399		2157.210	RS-700	0.05792245283
10646	9/12/2019 13:00:54		-122.360	37.717	2088781.064	6023599.547		2023.727	RS-700	-0.78159157233
10647	9/12/2019 13:00:55		-122.360	37.717	2088782.523	6023597.609		2057.632	RS-700	-0.56835081761
10648	9/12/2019 13:00:56		-122.360	37.717	2088783.916	6023595.293		2054.634	RS-700	-0.58720459120
10649	9/12/2019 13:00:57		-122.360	37.717	2088785.153	6023593.524		2083.633	RS-700	-0.40482308176
10650	9/12/2019 13:00:58		-122.360	37.717	2088786.427	6023591.756		2057.266	RS-700	-0.57065314465
10651	9/12/2019 13:00:59		-122.360	37.717	2088787.849	6023589.817		2027.726	RS-700	-0.75644094340
10652	9/12/2019 13:01:00		-122.360	37.717	2088789.339	6023588.168		2071.930	RS-700	-0.47842660377
10653	9/12/2019 13:01:01		-122.360	37.717	2088790.835	6023586.202		2034.833	RS-700	-0.71173949686
10654	9/12/2019 13:01:02		-122.360	37.717	2088792.291	6023584.408		1937.510	RS-700	-1.32383698113
10655	9/12/2019 13:01:03		-122.360	37.717	2088793.819	6023582.645		1932.785	RS-700	-1.35355251572
10656	9/12/2019 13:01:04		-122.360	37.717	2088795.430	6023580.391		1986.813	RS-700	-1.01375710692
10657	9/12/2019 13:01:05		-122.360	37.717	2088797.032	6023578.572		2071.641	RS-700	-0.48024452830
10658	9/12/2019 13:01:06		-122.360	37.717	2088798.414	6023576.806		2078.966	RS-700	-0.43417861635
10659	9/12/2019 13:01:07		-122.360	37.717	2088799.723	6023575.096		2089.754	RS-700	-0.36632893082
10660	9/12/2019 13:01:08		-122.360	37.717	2088801.032	6023573.357		2089.449	RS-700	-0.36824415094
10661	9/12/2019 13:01:09		-122.360	37.717	2088802.119	6023571.816		1956.900	RS-700	-1.20188471698
10662	9/12/2019 13:01:10		-122.360	37.717	2088803.017	6023570.619		2114.861	RS-700	-0.20841943396
10663	9/12/2019 13:01:11		-122.360	37.717	2088803.763	6023569.708		2089.646	RS-700	-0.36700886793
10664	9/12/2019 13:01:12		-122.360	37.717	2088804.325	6023568.938		2054.044	RS-700	-0.59092075472
10665	9/12/2019 13:01:13		-122.360	37.717	2088804.624	6023568.568		2003.718	RS-700	-0.90743522013
10666	9/12/2019 13:01:14		-122.360	37.717	2088804.660	6023568.569		2008.619	RS-700	-0.87660855346
10667	9/12/2019 13:01:15		-122.360	37.717	2088804.661	6023568.540		2140.763	RS-700	-0.04551748428
10668	9/12/2019 13:01:16		-122.360	37.717	2088804.661	6023568.540		2020.942	RS-700	-0.79910805031
10669	9/12/2019 13:01:17		-122.360	37.717	2088804.661	6023568.540		2107.582	RS-700	-0.25419937107
10670	9/12/2019 13:01:18		-122.360	37.717	2088804.773	6023568.369		2033.422	RS-700	-0.72061761006
10671	9/12/2019 13:01:19		-122.360	37.717	2088805.445	6023567.543		2028.627	RS-700	-0.75077572327
10672	9/12/2019 13:01:20		-122.360	37.717	2088806.596	6023566.437		2130.658	RS-700	-0.10906949686
10673	9/12/2019 13:01:21		-122.360	37.717	2088807.791	6023564.986		1967.711	RS-700	-1.13389515723
10674	9/12/2019 13:01:22		-122.360	37.717	2088808.948	6023563.533		2029.731	RS-700	-0.74383069182

Gamma Scan Survey Results
Survey Unit 4 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
10675	9/12/2019 13:01:23		-122.360	37.717	2088810.299	6023561.564		2080.856	RS-700	-0.42229062893
10676	9/12/2019 13:01:24		-122.360	37.717	2088811.755	6023559.770		2061.157	RS-700	-0.54618358491
10677	9/12/2019 13:01:25		-122.360	37.717	2088813.174	6023558.005		2138.081	RS-700	-0.06238427673
10678	9/12/2019 13:01:26		-122.361	37.717	2088814.555	6023556.296		1971.003	RS-700	-1.11318610063
10679	9/12/2019 13:01:27		-122.361	37.717	2088815.901	6023554.558		2106.185	RS-700	-0.26298540881
10680	9/12/2019 13:01:28		-122.361	37.717	2088817.170	6023552.993		2060.635	RS-700	-0.54946289308
10681	9/12/2019 13:01:29		-122.361	37.717	2088818.513	6023551.399		2125.202	RS-700	-0.14338496855
10682	9/12/2019 13:01:30		-122.361	37.717	2088819.822	6023549.689		2173.104	RS-700	0.15788465409
10683	9/12/2019 13:01:31		-122.361	37.717	2088820.980	6023548.208		2155.102	RS-700	0.04466691824
10684	9/12/2019 13:01:32		-122.361	37.717	2088822.218	6023546.410		2236.249	RS-700	0.55502415094
10685	9/12/2019 13:01:33		-122.361	37.717	2088823.347	6023544.581		2299.941	RS-700	0.95560194969
10686	9/12/2019 13:01:34		-122.361	37.717	2088824.808	6023542.498		2228.468	RS-700	0.50608761006
10687	9/12/2019 13:01:35		-122.361	37.717	2088826.558	6023540.565		2328.719	RS-700	1.13659993711
10688	9/12/2019 13:01:36		-122.361	37.717	2088828.091	6023538.600		2140.317	RS-700	-0.04831767296
10689	9/12/2019 13:01:37		-122.361	37.717	2088829.732	6023536.665		2117.104	RS-700	-0.19431477987
10690	9/12/2019 13:01:38		-122.361	37.717	2088831.190	6023534.756		2016.714	RS-700	-0.82569861635
10691	9/12/2019 13:01:39		-122.361	37.717	2088832.718	6023532.992		1999.817	RS-700	-0.93197125786
10692	9/12/2019 13:01:40		-122.361	37.717	2088834.171	6023531.343		2177.567	RS-700	0.18595408805
10693	9/12/2019 13:01:41		-122.361	37.717	2088835.620	6023529.926		2163.902	RS-700	0.10001094340
10694	9/12/2019 13:01:42		-122.361	37.717	2088837.037	6023528.247		2062.741	RS-700	-0.53621974843
10695	9/12/2019 13:01:43		-122.361	37.717	2088838.490	6023526.627		2022.827	RS-700	-0.78725207547
10696	9/12/2019 13:01:44		-122.361	37.717	2088839.830	6023525.149		1890.583	RS-700	-1.61897477987
10697	9/12/2019 13:01:45		-122.361	37.717	2088841.322	6023523.385		2006.916	RS-700	-0.88731918239
10698	9/12/2019 13:01:46		-122.361	37.717	2088842.851	6023521.593		1987.714	RS-700	-1.00809088050
10699	9/12/2019 13:01:47		-122.361	37.717	2088844.344	6023519.771		2051.354	RS-700	-0.60783735849
10700	9/12/2019 13:01:48		-122.361	37.717	2088845.877	6023517.747		1982.710	RS-700	-1.03956182390
10701	9/12/2019 13:01:49		-122.361	37.717	2088847.451	6023515.522		2022.621	RS-700	-0.78854729560
10702	9/12/2019 13:01:50		-122.361	37.717	2088848.972	6023514.106		2014.924	RS-700	-0.83695691824
10703	9/12/2019 13:01:51		-122.361	37.717	2088850.467	6023512.197		2035.325	RS-700	-0.70865031447
10704	9/12/2019 13:01:52		-122.361	37.717	2088851.813	6023510.459		1951.797	RS-700	-1.23397987421
10705	9/12/2019 13:01:53		-122.361	37.717	2088853.124	6023508.634		1990.815	RS-700	-0.98858610063
10706	9/12/2019 13:01:54		-122.361	37.717	2088854.324	6023506.893		2043.832	RS-700	-0.65514157233
10707	9/12/2019 13:01:55		-122.361	37.717	2088855.372	6023505.438		2010.817	RS-700	-0.86278930818
10708	9/12/2019 13:01:56		-122.361	37.717	2088855.824	6023504.695		2043.556	RS-700	-0.65688270440
10709	9/12/2019 13:01:57		-122.361	37.717	2088855.973	6023504.524		2019.217	RS-700	-0.80995333333
10710	9/12/2019 13:01:58		-122.361	37.717	2088855.973	6023504.553		1979.798	RS-700	-1.05787371069
10711	9/12/2019 13:01:59		-122.361	37.717	2088855.973	6023504.524		2000.321	RS-700	-0.92879610063
10712	9/12/2019 13:02:00		-122.361	37.717	2088856.010	6023504.525		2006.717	RS-700	-0.88857421384
10713	9/12/2019 13:02:01		-122.361	37.717	2088856.010	6023504.496		2010.312	RS-700	-0.86596062893
10714	9/12/2019 13:02:02		-122.361	37.717	2088856.010	6023504.496		2082.958	RS-700	-0.40907000000
10715	9/12/2019 13:02:03		-122.361	37.717	2088856.010	6023504.496		2056.640	RS-700	-0.57459251572
10716	9/12/2019 13:02:04		-122.361	37.717	2088856.010	6023504.496		2035.232	RS-700	-0.70922968554
10717	9/12/2019 13:02:05		-122.361	37.717	2088856.011	6023504.467		2075.164	RS-700	-0.45808981132
10718	9/12/2019 13:02:06		-122.361	37.717	2088856.047	6023504.468		2021.027	RS-700	-0.79857427673
10719	9/12/2019 13:02:07		-122.361	37.717	2088856.048	6023504.439		2045.315	RS-700	-0.64582050315
10720	9/12/2019 13:02:08		-122.361	37.717	2088856.393	6023503.578		2097.858	RS-700	-0.31535924528
10721	9/12/2019 13:02:09		-122.361	37.717	2088856.915	6023502.952		1917.690	RS-700	-1.44848748428
10722	9/12/2019 13:02:10		-122.361	37.717	2088857.363	6023502.382		2021.414	RS-700	-0.79613528302
10723	9/12/2019 13:02:11		-122.361	37.717	2088857.363	6023502.382		2049.276	RS-700	-0.62090616352
10724	9/12/2019 13:02:12		-122.361	37.717	2088857.401	6023502.325		2015.322	RS-700	-0.83445484277
10725	9/12/2019 13:02:13		-122.361	37.717	2088857.325	6023502.497		2010.523	RS-700	-0.86463672956
10726	9/12/2019 13:02:14		-122.361	37.717	2088857.401	6023502.325		2005.423	RS-700	-0.89670981132
10727	9/12/2019 13:02:15		-122.361	37.717	2088857.812	6023501.784		1821.107	RS-700	-2.05593176101
10728	9/12/2019 13:02:16		-122.361	37.717	2088858.108	6023501.558		1864.033	RS-700	-1.78595308176
10729	9/12/2019 13:02:17		-122.361	37.717	2088858.070	6023501.644		1940.404	RS-700	-1.30563345912
10730	9/12/2019 13:02:18		-122.361	37.717	2088857.885	6023501.785		1993.912	RS-700	-0.96910786164
10731	9/12/2019 13:02:19		-122.361	37.717	2088858.145	6023501.530		1679.266	RS-700	-2.94801081761
10732	9/12/2019 13:02:20		-122.361	37.717	2088858.444	6023501.131		1628.912	RS-700	-3.26470289308
10733	9/12/2019 13:02:21		-122.361	37.717	2088858.629	6023500.990		1814.378	RS-700	-2.09825169811
10734	9/12/2019 13:02:22		-122.361	37.717	2088858.928	6023500.620		1767.545	RS-700	-2.39280138365
10735	9/12/2019 13:02:23		-122.361	37.717	2088858.822	6023500.444		1800.375	RS-700	-2.18631836478

Gamma Scan Survey Results
Survey Unit 4 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
10736	9/12/2019 13:02:24		-122.361	37.717	2088861.897	6023499.637		1797.191	RS-700	-2.20634559748
10737	9/12/2019 13:02:25		-122.361	37.717	2088859.528	6023499.735		2058.282	RS-700	-0.56426169811
10738	9/12/2019 13:02:26		-122.361	37.717	2088860.948	6023497.940		2044.327	RS-700	-0.65203421384
10739	9/12/2019 13:02:27		-122.361	37.717	2088862.249	6023496.607		2205.574	RS-700	0.36210132076
10740	9/12/2019 13:02:28		-122.361	37.717	2088862.857	6023495.346		2113.434	RS-700	-0.21739823899
10741	9/12/2019 13:02:29		-122.361	37.717	2088863.039	6023493.498		2071.845	RS-700	-0.47895943396
10742	9/12/2019 13:02:30		-122.361	37.717	2088862.273	6023491.718		2156.556	RS-700	0.05381119497
10743	9/12/2019 13:02:31		-122.361	37.717	2088861.025	6023490.420		1974.907	RS-700	-1.08863635220
10744	9/12/2019 13:02:32		-122.361	37.717	2088860.339	6023490.117		1985.315	RS-700	-1.02317798742
10745	9/12/2019 13:02:33		-122.361	37.717	2088860.960	6023490.014		2022.726	RS-700	-0.78788930818
10746	9/12/2019 13:02:34		-122.361	37.717	2088862.465	6023489.407		2014.933	RS-700	-0.83690138365
10747	9/12/2019 13:02:35		-122.361	37.717	2088864.230	6023488.574		2117.867	RS-700	-0.18951295598
10748	9/12/2019 13:02:36		-122.361	37.717	2088865.483	6023487.818		2081.854	RS-700	-0.41601050315
10749	9/12/2019 13:02:37		-122.361	37.717	2088866.256	6023487.428		2088.869	RS-700	-0.37189169811
10750	9/12/2019 13:02:38		-122.361	37.717	2088866.402	6023487.374		2119.087	RS-700	-0.18184081761
10751	9/12/2019 13:02:39		-122.361	37.717	2088866.292	6023487.429		2179.000	RS-700	0.19496792453
10752	9/12/2019 13:02:40		-122.361	37.717	2088866.292	6023487.429		2160.338	RS-700	0.07760050314
10753	9/12/2019 13:02:41		-122.361	37.717	2088866.256	6023487.428		2148.205	RS-700	0.00128735849
10754	9/12/2019 13:02:42		-122.361	37.717	2088869.374	6023486.304		2125.449	RS-700	-0.14182962264
10755	9/12/2019 13:02:43		-122.361	37.717	2088869.411	6023486.276		2186.236	RS-700	0.24047905660
10756	9/12/2019 13:02:44		-122.361	37.717	2088869.411	6023486.276		2216.008	RS-700	0.42772358491
10757	9/12/2019 13:02:45		-122.361	37.717	2088869.447	6023486.277		2158.669	RS-700	0.06710094340
10758	9/12/2019 13:02:46		-122.361	37.717	2088869.411	6023486.247		2157.304	RS-700	0.05851415094
10759	9/12/2019 13:02:47		-122.361	37.717	2088869.448	6023486.248		2172.455	RS-700	0.15380742138
10760	9/12/2019 13:02:48		-122.361	37.717	2088869.448	6023486.219		2175.889	RS-700	0.17540207547
10761	9/12/2019 13:02:49		-122.361	37.717	2088869.412	6023486.218		2160.443	RS-700	0.07825515723
10762	9/12/2019 13:02:50		-122.361	37.717	2088869.412	6023486.189		2116.437	RS-700	-0.19850641509
10763	9/12/2019 13:02:51		-122.361	37.717	2088869.449	6023486.190		2192.898	RS-700	0.28237559748
10764	9/12/2019 13:02:52		-122.361	37.717	2088869.485	6023486.191		2101.956	RS-700	-0.28958509434
10765	9/12/2019 13:02:53		-122.361	37.717	2088865.964	6023487.452		2207.683	RS-700	0.37536566038
10766	9/12/2019 13:02:54		-122.361	37.717	2088865.891	6023487.450		2203.022	RS-700	0.34605207547
10767	9/12/2019 13:02:55		-122.361	37.717	2088865.892	6023487.421		2068.534	RS-700	-0.49978345912
10768	9/12/2019 13:02:56		-122.361	37.717	2088865.928	6023487.422		2216.235	RS-700	0.42915270440
10769	9/12/2019 13:02:57		-122.361	37.717	2088865.966	6023487.365		2145.093	RS-700	-0.01828371069
10770	9/12/2019 13:02:58		-122.361	37.717	2088865.966	6023487.365		2285.158	RS-700	0.86262943396
10771	9/12/2019 13:02:59		-122.361	37.717	2088865.966	6023487.336		2203.568	RS-700	0.34948402516
10772	9/12/2019 13:03:00		-122.361	37.717	2088865.966	6023487.336		2010.418	RS-700	-0.86529566038
10773	9/12/2019 13:03:01		-122.361	37.717	2088866.002	6023487.337		2178.999	RS-700	0.19496522013
10774	9/12/2019 13:03:02		-122.361	37.717	2088866.002	6023487.337		2163.772	RS-700	0.09919534591
10775	9/12/2019 13:03:03		-122.361	37.717	2088866.002	6023487.337		2202.009	RS-700	0.33967962264
10776	9/12/2019 13:03:04		-122.361	37.717	2088866.002	6023487.337		2178.109	RS-700	0.18936308176
10777	9/12/2019 13:03:05		-122.361	37.717	2088866.002	6023487.337		2131.451	RS-700	-0.10408031447
10778	9/12/2019 13:03:06		-122.361	37.717	2088866.002	6023487.337		2226.017	RS-700	0.49067578616
10779	9/12/2019 13:03:07		-122.361	37.717	2088865.819	6023487.420		2246.690	RS-700	0.62069075472
10780	9/12/2019 13:03:08		-122.361	37.717	2088865.195	6023487.668		2156.105	RS-700	0.05097421384
10781	9/12/2019 13:03:09		-122.361	37.717	2088864.605	6023488.003		2156.103	RS-700	0.05096314465
10782	9/12/2019 13:03:10		-122.361	37.717	2088863.718	6023488.680		2087.831	RS-700	-0.37842100629
10783	9/12/2019 13:03:11		-122.361	37.717	2088862.386	6023489.724		2096.863	RS-700	-0.32161503145
10784	9/12/2019 13:03:12		-122.361	37.717	2088860.866	6023491.053		2078.621	RS-700	-0.43634886793
10785	9/12/2019 13:03:13		-122.361	37.717	2088859.202	6023492.351		1991.801	RS-700	-0.98238641509
10786	9/12/2019 13:03:14		-122.361	37.717	2088857.755	6023493.682		2036.530	RS-700	-0.70107113208
10787	9/12/2019 13:03:15		-122.361	37.717	2088856.597	6023495.134		1925.596	RS-700	-1.39876704403
10788	9/12/2019 13:03:16		-122.361	37.717	2088855.621	6023496.619		1691.691	RS-700	-2.86986748428
10789	9/12/2019 13:03:17		-122.361	37.717	2088854.387	6023498.215		1899.588	RS-700	-1.56233987421
10790	9/12/2019 13:03:18		-122.361	37.717	2088853.417	6023499.382		1986.915	RS-700	-1.01311100629
10791	9/12/2019 13:03:19		-122.361	37.717	2088852.338	6023500.546		2000.817	RS-700	-0.92567811321
10792	9/12/2019 13:03:20		-122.361	37.717	2088851.625	6023501.574		2029.722	RS-700	-0.74388547170
10793	9/12/2019 13:03:21		-122.361	37.717	2088851.213	6023502.144		2003.217	RS-700	-0.91058251572
10794	9/12/2019 13:03:22		-122.361	37.717	2088850.913	6023502.601		1968.798	RS-700	-1.12705962264
10795	9/12/2019 13:03:23		-122.361	37.717	2088850.913	6023502.601		2024.618	RS-700	-0.77598930818
10796	9/12/2019 13:03:24		-122.361	37.717	2088850.952	6023502.486		2010.128	RS-700	-0.86711943396

Gamma Scan Survey Results
Survey Unit 4 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
10797	9/12/2019 13:03:25		-122.361	37.717	2088850.951	6023502.515		1987.414	RS-700	-1.00997559748
10798	9/12/2019 13:03:26		-122.361	37.717	2088850.951	6023502.515		2011.124	RS-700	-0.86085314465
10799	9/12/2019 13:03:27		-122.361	37.717	2088850.950	6023502.544		2023.133	RS-700	-0.78532672956
10800	9/12/2019 13:03:28		-122.361	37.717	2088850.763	6023502.801		1977.214	RS-700	-1.07412603774
10801	9/12/2019 13:03:29		-122.361	37.717	2088850.053	6023503.741		1917.690	RS-700	-1.44849138365
10802	9/12/2019 13:03:30		-122.361	37.717	2088849.043	6023505.052		2061.743	RS-700	-0.54249610063
10803	9/12/2019 13:03:31		-122.361	37.717	2088847.961	6023506.361		1886.365	RS-700	-1.64550597484
10804	9/12/2019 13:03:32		-122.361	37.717	2088846.953	6023507.585		2025.449	RS-700	-0.77075836478
10805	9/12/2019 13:03:33		-122.361	37.717	2088846.021	6023508.666		1937.509	RS-700	-1.32384559748
10806	9/12/2019 13:03:34		-122.361	37.717	2088845.231	6023509.952		1990.828	RS-700	-0.98850402516
10807	9/12/2019 13:03:35		-122.361	37.717	2088845.061	6023511.164		1968.610	RS-700	-1.12823792453
10808	9/12/2019 13:03:36		-122.361	37.717	2088845.261	6023512.123		2071.950	RS-700	-0.47830000000
10809	9/12/2019 13:03:37		-122.361	37.717	2088845.315	6023513.049		2022.834	RS-700	-0.78720672956
10810	9/12/2019 13:03:38		-122.361	37.717	2088845.148	6023514.117		2092.533	RS-700	-0.34884698113
10811	9/12/2019 13:03:39		-122.361	37.717	2088844.473	6023515.087		2078.444	RS-700	-0.43746176101
10812	9/12/2019 13:03:40		-122.361	37.717	2088843.582	6023515.937		2081.850	RS-700	-0.41603597484
10813	9/12/2019 13:03:41		-122.361	37.717	2088842.688	6023516.961		2028.731	RS-700	-0.75011641509
10814	9/12/2019 13:03:42		-122.361	37.717	2088841.826	6023518.188		2139.335	RS-700	-0.05449716981
10815	9/12/2019 13:03:43		-122.361	37.717	2088841.041	6023519.213		2044.925	RS-700	-0.64827081761
10816	9/12/2019 13:03:44		-122.361	37.717	2088840.444	6023519.896		2048.040	RS-700	-0.62867830189
10817	9/12/2019 13:03:45		-122.361	37.717	2088840.145	6023520.324		2057.842	RS-700	-0.56703415094
10818	9/12/2019 13:03:46		-122.361	37.717	2088839.994	6023520.552		1965.019	RS-700	-1.15082452830
10819	9/12/2019 13:03:47		-122.361	37.717	2088839.996	6023520.466		2005.620	RS-700	-0.89546861635
10820	9/12/2019 13:03:48		-122.361	37.717	2088840.071	6023520.380		1987.315	RS-700	-1.01059798742
10821	9/12/2019 13:03:49		-122.361	37.717	2088840.070	6023520.409		1962.509	RS-700	-1.16660893082
10822	9/12/2019 13:03:50		-122.361	37.717	2088840.071	6023520.380		2051.839	RS-700	-0.60478427673
10823	9/12/2019 13:03:51		-122.361	37.717	2088840.071	6023520.380		2006.821	RS-700	-0.88792050315
10824	9/12/2019 13:03:52		-122.361	37.717	2088840.071	6023520.380		1988.014	RS-700	-1.00619981132
10825	9/12/2019 13:03:53		-122.361	37.717	2088840.071	6023520.351		1982.009	RS-700	-1.04396628931
10826	9/12/2019 13:03:54		-122.361	37.717	2088840.071	6023520.380		2012.822	RS-700	-0.85017622642
10827	9/12/2019 13:03:55		-122.361	37.717	2088840.107	6023520.381		1968.794	RS-700	-1.12708056604
10828	9/12/2019 13:03:56		-122.361	37.717	2088840.108	6023520.352		2007.903	RS-700	-0.88111069182
10829	9/12/2019 13:03:57		-122.361	37.717	2088840.108	6023520.352		1945.602	RS-700	-1.27294440252
10830	9/12/2019 13:03:58		-122.361	37.717	2088840.108	6023520.352		2048.632	RS-700	-0.62495786164
10831	9/12/2019 13:03:59		-122.361	37.717	2088840.108	6023520.352		1922.788	RS-700	-1.41642805031
10832	9/12/2019 13:04:00		-122.361	37.717	2088840.071	6023520.351		2022.524	RS-700	-0.78915679245
10833	9/12/2019 13:04:01		-122.361	37.717	2088840.072	6023520.322		1959.602	RS-700	-1.18489540881
10834	9/12/2019 13:04:02		-122.361	37.717	2088839.884	6023520.608		1931.494	RS-700	-1.36167383648
10835	9/12/2019 13:04:03		-122.361	37.717	2088839.024	6023521.748		2036.425	RS-700	-0.70173194969
10836	9/12/2019 13:04:04		-122.361	37.717	2088837.683	6023523.255		2073.951	RS-700	-0.46571943396
10837	9/12/2019 13:04:05		-122.361	37.717	2088836.265	6023524.962		1998.519	RS-700	-0.94013301887
10838	9/12/2019 13:04:06		-122.361	37.717	2088834.520	6023526.606		2066.743	RS-700	-0.51105345912
10839	9/12/2019 13:04:07		-122.361	37.717	2088832.700	6023528.421		1984.423	RS-700	-1.02878389937
10840	9/12/2019 13:04:08		-122.361	37.717	2088831.419	6023530.565		1972.002	RS-700	-1.10690641509
10841	9/12/2019 13:04:09		-122.361	37.717	2088830.069	6023532.506		2083.225	RS-700	-0.40738786164
10842	9/12/2019 13:04:10		-122.361	37.717	2088828.431	6023534.296		2166.220	RS-700	0.11458962264
10843	9/12/2019 13:04:11		-122.361	37.717	2088827.046	6023536.178		2231.135	RS-700	0.52286433962
10844	9/12/2019 13:04:12		-122.361	37.717	2088825.623	6023538.175		2304.165	RS-700	0.98217270440
10845	9/12/2019 13:04:13		-122.361	37.717	2088823.980	6023540.225		2282.706	RS-700	0.84721000000
10846	9/12/2019 13:04:14		-122.361	37.717	2088822.300	6023542.275		2317.061	RS-700	1.06327540881
10847	9/12/2019 13:04:15		-122.361	37.717	2088820.803	6023544.270		2123.763	RS-700	-0.15243220126
10848	9/12/2019 13:04:16		-122.361	37.717	2088819.524	6023546.356		2152.343	RS-700	0.02731515723
10849	9/12/2019 13:04:17		-122.361	37.717	2088818.168	6023548.586		2144.413	RS-700	-0.02256062893
10850	9/12/2019 13:04:18		-122.361	37.717	2088816.668	6023550.755		2139.089	RS-700	-0.05604119497
10851	9/12/2019 13:04:19		-122.361	37.717	2088815.026	6023552.747		2109.079	RS-700	-0.24478735849
10852	9/12/2019 13:04:20		-122.361	37.717	2088813.929	6023554.809		2032.032	RS-700	-0.72935641509
10853	9/12/2019 13:04:21		-122.360	37.717	2088812.795	6023556.927		2116.308	RS-700	-0.19931924528
10854	9/12/2019 13:04:22		-122.360	37.717	2088811.444	6023558.925		2094.538	RS-700	-0.33624069182
10855	9/12/2019 13:04:23		-122.360	37.717	2088810.203	6023560.868		1920.978	RS-700	-1.42781352201
10856	9/12/2019 13:04:24		-122.360	37.717	2088809.002	6023562.666		2081.965	RS-700	-0.41531666667
10857	9/12/2019 13:04:25		-122.360	37.717	2088807.623	6023564.259		2061.956	RS-700	-0.54115817610

Gamma Scan Survey Results
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SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
10858	9/12/2019 13:04:26		-122.360	37.717	2088806.351	6023565.970		2105.340	RS-700	-0.26830396226
10859	9/12/2019 13:04:27		-122.360	37.717	2088804.897	6023567.648		2072.839	RS-700	-0.47271188679
10860	9/12/2019 13:04:28		-122.360	37.717	2088803.476	6023569.500		2080.643	RS-700	-0.42362974843
10861	9/12/2019 13:04:29		-122.360	37.717	2088802.201	6023571.355		2056.629	RS-700	-0.57465981132
10862	9/12/2019 13:04:30		-122.360	37.717	2088800.927	6023573.152		2049.254	RS-700	-0.62104452830
10863	9/12/2019 13:04:31		-122.360	37.717	2088799.582	6023574.861		2013.324	RS-700	-0.84701578616
10864	9/12/2019 13:04:32		-122.360	37.717	2088798.162	6023576.685		2031.728	RS-700	-0.73126798742
10865	9/12/2019 13:04:33		-122.360	37.717	2088796.597	6023578.447		2056.844	RS-700	-0.57330716981
10866	9/12/2019 13:04:34		-122.360	37.717	2088795.212	6023580.358		1940.086	RS-700	-1.30763754717
10867	9/12/2019 13:04:35		-122.360	37.717	2088793.867	6023582.038		1978.022	RS-700	-1.06904264151
10868	9/12/2019 13:04:36		-122.360	37.717	2088792.488	6023583.631		2028.731	RS-700	-0.75011811321
10869	9/12/2019 13:04:37		-122.360	37.717	2088791.329	6023585.141		2050.428	RS-700	-0.61366289308
10870	9/12/2019 13:04:38		-122.360	37.717	2088790.424	6023586.686		2010.721	RS-700	-0.86339037736
10871	9/12/2019 13:04:39		-122.360	37.717	2088789.154	6023588.280		1967.801	RS-700	-1.13332748428
10872	9/12/2019 13:04:40		-122.360	37.717	2088787.703	6023589.843		2040.346	RS-700	-0.67706962264
10873	9/12/2019 13:04:41		-122.360	37.717	2088786.285	6023591.550		2094.432	RS-700	-0.33690314465
10874	9/12/2019 13:04:42		-122.360	37.717	2088784.867	6023593.287		2121.870	RS-700	-0.16433899371
10875	9/12/2019 13:04:43		-122.360	37.717	2088783.447	6023595.081		2098.437	RS-700	-0.31171515723
10876	9/12/2019 13:04:44		-122.360	37.717	2088782.028	6023596.847		2081.643	RS-700	-0.41734245283
10877	9/12/2019 13:04:45		-122.360	37.717	2088780.754	6023598.644		2081.876	RS-700	-0.41587352201
10878	9/12/2019 13:04:46		-122.360	37.717	2088779.337	6023600.323		2070.053	RS-700	-0.49023358491
10879	9/12/2019 13:04:47		-122.360	37.717	2088778.142	6023601.803		2007.027	RS-700	-0.88662213837
10880	9/12/2019 13:04:48		-122.360	37.717	2088777.021	6023603.228		1986.612	RS-700	-1.01501716981
10881	9/12/2019 13:04:49		-122.360	37.717	2088775.973	6023604.653		1892.584	RS-700	-1.60638729560
10882	9/12/2019 13:04:50		-122.360	37.717	2088774.922	6023606.224		2003.618	RS-700	-0.90806169811
10883	9/12/2019 13:04:51		-122.360	37.717	2088773.872	6023607.765		1963.705	RS-700	-1.15908603774
10884	9/12/2019 13:04:52		-122.360	37.717	2088772.785	6023609.277		1971.312	RS-700	-1.11124603774
10885	9/12/2019 13:04:53		-122.360	37.717	2088771.587	6023610.931		2029.424	RS-700	-0.74576289308
10886	9/12/2019 13:04:54		-122.360	37.717	2088770.388	6023612.614		2041.838	RS-700	-0.66768358491
10887	9/12/2019 13:04:55		-122.360	37.717	2088769.186	6023614.471		1878.581	RS-700	-1.69445710692
10888	9/12/2019 13:04:56		-122.360	37.717	2088767.843	6023616.064		2008.022	RS-700	-0.88036358491
10889	9/12/2019 13:04:57		-122.360	37.717	2088766.502	6023617.571		1981.514	RS-700	-1.04708352201
10890	9/12/2019 13:04:58		-122.360	37.717	2088765.018	6023618.930		2058.532	RS-700	-0.56269308176
10891	9/12/2019 13:04:59		-122.360	37.717	2088763.529	6023620.549		2111.180	RS-700	-0.23157465409
10892	9/12/2019 13:05:00		-122.360	37.717	2088762.184	6023622.287		2056.048	RS-700	-0.57831150943
10893	9/12/2019 13:05:01		-122.360	37.717	2088760.987	6023623.884		1964.794	RS-700	-1.15224119497
10894	9/12/2019 13:05:02		-122.360	37.717	2088759.866	6023625.279		1928.695	RS-700	-1.37927534591
10895	9/12/2019 13:05:03		-122.360	37.717	2088758.933	6023626.418		2102.757	RS-700	-0.28454779874
10896	9/12/2019 13:05:04		-122.360	37.717	2088758.152	6023627.270		2045.626	RS-700	-0.64386465409
10897	9/12/2019 13:05:05		-122.360	37.717	2088757.779	6023627.697		1960.312	RS-700	-1.18042522013
10898	9/12/2019 13:05:06		-122.360	37.717	2088757.666	6023627.868		2072.370	RS-700	-0.47566088050
10899	9/12/2019 13:05:07		-122.360	37.717	2088757.666	6023627.868		2080.643	RS-700	-0.42362968554
10900	9/12/2019 13:05:08		-122.360	37.717	2088757.666	6023627.868		2046.631	RS-700	-0.63754094340
10901	9/12/2019 13:05:09		-122.360	37.717	2088757.666	6023627.868		2007.319	RS-700	-0.88478836478
10902	9/12/2019 13:05:10		-122.360	37.717	2088757.630	6023627.867		2124.972	RS-700	-0.14483226415
10903	9/12/2019 13:05:11		-122.360	37.717	2088757.666	6023627.868		2086.857	RS-700	-0.38454622642
10904	9/12/2019 13:05:12		-122.360	37.717	2088757.630	6023627.867		2042.733	RS-700	-0.66205433962
10905	9/12/2019 13:05:13		-122.360	37.717	2088757.629	6023627.896		2047.530	RS-700	-0.63188679245
10906	9/12/2019 13:05:14		-122.360	37.717	2088757.629	6023627.896		2002.910	RS-700	-0.91251465409
10907	9/12/2019 13:05:15		-122.360	37.717	2088757.630	6023627.867		1954.506	RS-700	-1.21694358491
10908	9/12/2019 13:05:16		-122.360	37.717	2088757.629	6023627.896		2031.523	RS-700	-0.73255993711
10909	9/12/2019 13:05:17		-122.360	37.717	2088757.666	6023627.897		2136.767	RS-700	-0.07064603774
10910	9/12/2019 13:05:18		-122.360	37.717	2088757.629	6023627.896		2039.931	RS-700	-0.67968169811
10911	9/12/2019 13:05:19		-122.360	37.717	2088757.666	6023627.897		2033.525	RS-700	-0.71996811321
10912	9/12/2019 13:05:20		-122.360	37.717	2088757.666	6023627.868		2050.043	RS-700	-0.61608396226
10913	9/12/2019 13:05:21		-122.360	37.717	2088757.666	6023627.868		2090.753	RS-700	-0.36004446541
10914	9/12/2019 13:05:22		-122.360	37.717	2088757.666	6023627.868		2081.863	RS-700	-0.41595666667
10915	9/12/2019 13:05:23		-122.360	37.717	2088757.666	6023627.868		2075.758	RS-700	-0.45435484277
10916	9/12/2019 13:05:24		-122.360	37.717	2088757.666	6023627.868		2035.057	RS-700	-0.71033176101
10917	9/12/2019 13:05:25		-122.360	37.717	2088757.666	6023627.868		1989.209	RS-700	-0.99868817610
10918	9/12/2019 13:05:26		-122.360	37.717	2088757.666	6023627.868		2050.839	RS-700	-0.61107264151

Gamma Scan Survey Results
Survey Unit 4 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
10919	9/12/2019 13:05:27		-122.360	37.717	2088757.666	6023627.868		2049.530	RS-700	-0.61930572327
10920	9/12/2019 13:05:28		-122.360	37.717	2088757.666	6023627.868		2090.485	RS-700	-0.36173201258
10921	9/12/2019 13:05:29		-122.360	37.717	2088757.666	6023627.868		2082.153	RS-700	-0.41413081761
10922	9/12/2019 13:05:30		-122.360	37.717	2088757.666	6023627.868		2050.323	RS-700	-0.61432113208
10923	9/12/2019 13:05:31		-122.360	37.717	2088757.666	6023627.868		2074.641	RS-700	-0.46137924528
10924	9/12/2019 13:05:32		-122.360	37.717	2088757.666	6023627.868		2096.282	RS-700	-0.32526924528
10925	9/12/2019 13:05:33		-122.360	37.717	2088757.666	6023627.868		2153.986	RS-700	0.03764490566
10926	9/12/2019 13:05:34		-122.360	37.717	2088757.666	6023627.868		2067.744	RS-700	-0.50475559748
10927	9/12/2019 13:05:35		-122.360	37.717	2088757.666	6023627.868		2023.626	RS-700	-0.78222930818
10928	9/12/2019 13:05:36		-122.360	37.717	2088757.666	6023627.868		2051.427	RS-700	-0.60737955975
10929	9/12/2019 13:05:37		-122.360	37.717	2088757.667	6023627.839		2078.162	RS-700	-0.43923490566
10930	9/12/2019 13:05:38		-122.360	37.717	2088757.630	6023627.867		2068.845	RS-700	-0.49782849057
10931	9/12/2019 13:05:39		-122.360	37.717	2088757.630	6023627.867		2010.721	RS-700	-0.86339301887
10932	9/12/2019 13:05:40		-122.360	37.717	2088757.630	6023627.867		2067.950	RS-700	-0.50345616352
10933	9/12/2019 13:05:41		-122.360	37.717	2088757.630	6023627.867		2015.421	RS-700	-0.83383333333
10934	9/12/2019 13:05:42		-122.360	37.717	2088757.666	6023627.868		2089.535	RS-700	-0.36770276730
10935	9/12/2019 13:05:43		-122.360	37.717	2088757.666	6023627.868		2039.832	RS-700	-0.68030194969
10936	9/12/2019 13:05:44		-122.360	37.717	2088757.666	6023627.868		2065.736	RS-700	-0.51738641509
10937	9/12/2019 13:05:45		-122.360	37.717	2088757.667	6023627.839		2058.362	RS-700	-0.56376113208
10938	9/12/2019 13:05:46		-122.360	37.717	2088757.667	6023627.839		1962.797	RS-700	-1.16480150943
10939	9/12/2019 13:05:47		-122.360	37.717	2088757.667	6023627.810		2083.856	RS-700	-0.40341949686
10940	9/12/2019 13:05:48		-122.360	37.717	2088757.667	6023627.810		2044.041	RS-700	-0.65383069182
10941	9/12/2019 13:05:49		-122.360	37.717	2088757.668	6023627.781		2047.627	RS-700	-0.63127981132
10942	9/12/2019 13:05:50		-122.360	37.717	2088757.631	6023627.809		2065.844	RS-700	-0.51670666667
10943	9/12/2019 13:05:51		-122.360	37.717	2088757.668	6023627.781		1950.406	RS-700	-1.24272672956
10944	9/12/2019 13:05:52		-122.360	37.717	2088757.668	6023627.781		2036.415	RS-700	-0.70179132076
10945	9/12/2019 13:05:53		-122.360	37.717	2088757.668	6023627.781		2021.421	RS-700	-0.79609691824
10946	9/12/2019 13:05:54		-122.360	37.717	2088757.668	6023627.781		1991.407	RS-700	-0.98486144654
10947	9/12/2019 13:05:55		-122.360	37.717	2088757.668	6023627.781		2030.323	RS-700	-0.74010874214
10948	9/12/2019 13:05:56		-122.360	37.717	2088757.668	6023627.781		2016.926	RS-700	-0.82436402516
10949	9/12/2019 13:05:57		-122.360	37.717	2088757.668	6023627.781		2059.848	RS-700	-0.55441364780
10950	9/12/2019 13:05:58		-122.360	37.717	2088757.668	6023627.781		2020.523	RS-700	-0.80174433962
10951	9/12/2019 13:05:59		-122.360	37.717	2088757.668	6023627.781		2049.633	RS-700	-0.61865893082
10952	9/12/2019 13:06:00		-122.360	37.717	2088757.631	6023627.809		2082.539	RS-700	-0.41170515723
10953	9/12/2019 13:06:01		-122.360	37.717	2088757.481	6023628.009		2092.063	RS-700	-0.35180446541
10954	9/12/2019 13:06:02		-122.360	37.717	2088757.333	6023628.151		1971.815	RS-700	-1.10807987421
10955	9/12/2019 13:06:03		-122.360	37.717	2088757.258	6023628.236		2020.028	RS-700	-0.80485496855
10956	9/12/2019 13:06:04		-122.360	37.717	2088757.109	6023628.406		2058.636	RS-700	-0.56204075472
10957	9/12/2019 13:06:05		-122.360	37.717	2088757.035	6023628.492		2032.223	RS-700	-0.72815786164
10958	9/12/2019 13:06:06		-122.360	37.717	2088757.034	6023628.521		2082.536	RS-700	-0.41172176101
10959	9/12/2019 13:06:07		-122.360	37.717	2088756.998	6023628.520		2014.420	RS-700	-0.84012496855
10960	9/12/2019 13:06:08		-122.360	37.717	2088756.998	6023628.520		2023.229	RS-700	-0.78472308176
10961	9/12/2019 13:06:09		-122.360	37.717	2088756.998	6023628.520		1955.310	RS-700	-1.21188861635
10962	9/12/2019 13:06:10		-122.360	37.717	2088757.034	6023628.521		2081.642	RS-700	-0.41734817610
10963	9/12/2019 13:06:11		-122.360	37.717	2088756.998	6023628.520		1965.703	RS-700	-1.14652301887
10964	9/12/2019 13:06:12		-122.360	37.717	2088757.034	6023628.521		1998.819	RS-700	-0.93824572327
10965	9/12/2019 13:06:13		-122.360	37.717	2088757.034	6023628.521		2058.044	RS-700	-0.56576402516
10966	9/12/2019 13:06:14		-122.360	37.717	2088756.998	6023628.520		1990.811	RS-700	-0.98860792453
10967	9/12/2019 13:06:15		-122.360	37.717	2088757.034	6023628.521		2057.947	RS-700	-0.56636849057
10968	9/12/2019 13:06:16		-122.360	37.717	2088757.034	6023628.521		2050.833	RS-700	-0.61111496855
10969	9/12/2019 13:06:17		-122.360	37.717	2088757.034	6023628.521		2101.651	RS-700	-0.29150100629
10970	9/12/2019 13:06:18		-122.360	37.717	2088757.034	6023628.521		1955.695	RS-700	-1.20946767296
10971	9/12/2019 13:06:19		-122.360	37.717	2088757.034	6023628.550		2049.427	RS-700	-0.61995352201
10972	9/12/2019 13:06:20		-122.360	37.717	2088757.034	6023628.550		2099.749	RS-700	-0.30346716981
10973	9/12/2019 13:06:21		-122.360	37.717	2088757.034	6023628.550		1998.996	RS-700	-0.93713157233
10974	9/12/2019 13:06:22		-122.360	37.717	2088757.034	6023628.521		2075.846	RS-700	-0.45379660377
10975	9/12/2019 13:06:23		-122.360	37.717	2088757.033	6023628.579		2103.400	RS-700	-0.28050534591
10976	9/12/2019 13:06:24		-122.360	37.717	2088756.810	6023628.806		2037.530	RS-700	-0.69477943396
10977	9/12/2019 13:06:25		-122.360	37.717	2088756.437	6023629.232		1988.812	RS-700	-1.00117974843
10978	9/12/2019 13:06:26		-122.360	37.717	2088755.762	6023630.202		2040.627	RS-700	-0.67530471698
10979	9/12/2019 13:06:27		-122.360	37.717	2088754.748	6023631.773		2013.929	RS-700	-0.84321138365

Gamma Scan Survey Results
Survey Unit 4 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
10980	9/12/2019 13:06:28		-122.360	37.717	2088753.729	6023633.547		1982.102	RS-700	-1.04338094340
10981	9/12/2019 13:06:29		-122.360	37.717	2088752.711	6023635.291		2042.834	RS-700	-0.66142056604
10982	9/12/2019 13:06:30		-122.360	37.717	2088751.700	6023636.689		1973.214	RS-700	-1.09928408805
10983	9/12/2019 13:06:31		-122.360	37.717	2088750.690	6023638.057		2054.740	RS-700	-0.58654182390
10984	9/12/2019 13:06:32		-122.360	37.717	2088749.788	6023639.428		2089.061	RS-700	-0.37068553459
10985	9/12/2019 13:06:33		-122.360	37.717	2088748.926	6023640.684		2032.732	RS-700	-0.72495295598
10986	9/12/2019 13:06:34		-122.360	37.717	2088747.991	6023641.909		2085.748	RS-700	-0.39151968554
10987	9/12/2019 13:06:35		-122.360	37.717	2088747.020	6023643.134		1937.214	RS-700	-1.32569987421
10988	9/12/2019 13:06:36		-122.360	37.717	2088745.975	6023644.386		1995.911	RS-700	-0.95653496855
10989	9/12/2019 13:06:37		-122.360	37.717	2088745.075	6023645.699		2028.730	RS-700	-0.75012415094
10990	9/12/2019 13:06:38		-122.360	37.717	2088743.476	6023647.345		2006.820	RS-700	-0.88792433962
10991	9/12/2019 13:06:39		-122.360	37.717	2088742.429	6023648.713		2044.632	RS-700	-0.65011201258
10992	9/12/2019 13:06:40		-122.360	37.717	2088741.379	6023650.226		2051.742	RS-700	-0.60539371069
10993	9/12/2019 13:06:41		-122.360	37.717	2088740.259	6023651.621		2035.931	RS-700	-0.70483874214
10994	9/12/2019 13:06:42		-122.360	37.717	2088739.209	6023653.133		1915.881	RS-700	-1.45986792453
10995	9/12/2019 13:06:43		-122.360	37.717	2088738.124	6023654.616		1897.779	RS-700	-1.57371987421
10996	9/12/2019 13:06:44		-122.360	37.717	2088736.891	6023656.154		1949.432	RS-700	-1.24885452830
10997	9/12/2019 13:06:45		-122.360	37.717	2088735.770	6023657.578		1973.509	RS-700	-1.09742654088
10998	9/12/2019 13:06:46		-122.360	37.717	2088734.647	6023659.118		1955.323	RS-700	-1.21180716981
10999	9/12/2019 13:06:47		-122.360	37.717	2088733.633	6023660.660		1923.496	RS-700	-1.41197522013
11000	9/12/2019 13:06:48		-122.360	37.717	2088732.365	6023662.197		1944.588	RS-700	-1.27931811321
11001	9/12/2019 13:06:49		-122.360	37.717	2088731.279	6023663.680		2047.838	RS-700	-0.62995157233
11002	9/12/2019 13:06:50		-122.360	37.717	2088730.048	6023665.160		2077.536	RS-700	-0.44316849057
11003	9/12/2019 13:06:51		-122.360	37.717	2088728.893	6023666.468		1979.623	RS-700	-1.05897540881
11004	9/12/2019 13:06:52		-122.360	37.717	2088727.923	6023667.635		2058.943	RS-700	-0.56010811321
11005	9/12/2019 13:06:53		-122.360	37.717	2088727.177	6023668.517		2029.526	RS-700	-0.74511880503
11006	9/12/2019 13:06:54		-122.360	37.717	2088726.691	6023669.115		2028.034	RS-700	-0.75450163522
11007	9/12/2019 13:06:55		-122.360	37.717	2088726.356	6023669.484		2102.644	RS-700	-0.28525641509
11008	9/12/2019 13:06:56		-122.360	37.717	2088726.356	6023669.513		2006.021	RS-700	-0.89294811321
11009	9/12/2019 13:06:57		-122.360	37.717	2088726.356	6023669.513		2016.531	RS-700	-0.82685106918
11010	9/12/2019 13:06:58		-122.360	37.717	2088726.356	6023669.484		1998.217	RS-700	-0.94203289308
11011	9/12/2019 13:06:59		-122.360	37.717	2088726.356	6023669.484		2013.824	RS-700	-0.84387603774
11012	9/12/2019 13:07:00		-122.360	37.717	2088726.356	6023669.484		2137.446	RS-700	-0.06637962264
11013	9/12/2019 13:07:01		-122.360	37.717	2088726.356	6023669.484		2003.418	RS-700	-0.90931987421
11014	9/12/2019 13:07:02		-122.360	37.717	2088726.357	6023669.455		2094.860	RS-700	-0.33421339623
11015	9/12/2019 13:07:03		-122.360	37.717	2088726.357	6023669.455		1992.514	RS-700	-0.97789641509
11016	9/12/2019 13:07:04		-122.360	37.717	2088726.320	6023669.454		2035.630	RS-700	-0.70672666667
11017	9/12/2019 13:07:05		-122.360	37.717	2088726.283	6023669.483		2038.343	RS-700	-0.68966886793
11018	9/12/2019 13:07:06		-122.360	37.717	2088726.283	6023669.483		2015.420	RS-700	-0.83383654088
11019	9/12/2019 13:07:07		-122.360	37.717	2088726.247	6023669.482		2068.945	RS-700	-0.49719874214
11020	9/12/2019 13:07:08		-122.360	37.717	2088726.246	6023669.511		1992.814	RS-700	-0.97601490566
11021	9/12/2019 13:07:09		-122.360	37.717	2088726.246	6023669.511		2001.516	RS-700	-0.92128371069
11022	9/12/2019 13:07:10		-122.360	37.717	2088726.210	6023669.510		2010.823	RS-700	-0.86275157233
11023	9/12/2019 13:07:11		-122.360	37.717	2088726.246	6023669.511		2035.728	RS-700	-0.70611056604
11024	9/12/2019 13:07:12		-122.360	37.717	2088726.246	6023669.511		2075.427	RS-700	-0.45643188679
11025	9/12/2019 13:07:13		-122.360	37.717	2088726.211	6023669.481		2055.839	RS-700	-0.57963194969
11026	9/12/2019 13:07:14		-122.360	37.717	2088726.246	6023669.511		2072.638	RS-700	-0.47397421384
11027	9/12/2019 13:07:15		-122.360	37.717	2088726.246	6023669.511		2058.364	RS-700	-0.56375031447
11028	9/12/2019 13:07:16		-122.360	37.717	2088726.210	6023669.510		1958.506	RS-700	-1.19178654088
11029	9/12/2019 13:07:17		-122.360	37.717	2088726.210	6023669.510		2026.237	RS-700	-0.76580264151
11030	9/12/2019 13:07:18		-122.360	37.717	2088726.246	6023669.511		2014.522	RS-700	-0.83948150943
11031	9/12/2019 13:07:19		-122.360	37.717	2088729.147	6023668.353		2042.719	RS-700	-0.66214584906
11032	9/12/2019 13:07:20		-122.360	37.717	2088726.174	6023669.480		1978.099	RS-700	-1.06855842767
11033	9/12/2019 13:07:21		-122.360	37.717	2088726.211	6023669.481		2123.867	RS-700	-0.15177798742
11034	9/12/2019 13:07:22		-122.360	37.717	2088726.431	6023669.399		1982.799	RS-700	-1.03900062893
11035	9/12/2019 13:07:23		-122.360	37.717	2088726.246	6023669.540		2002.323	RS-700	-0.91621069182
11036	9/12/2019 13:07:24		-122.360	37.717	2088725.842	6023669.705		1997.815	RS-700	-0.94455735849
11037	9/12/2019 13:07:25		-122.360	37.717	2088725.729	6023669.906		2010.820	RS-700	-0.86276522013
11038	9/12/2019 13:07:26		-122.360	37.717	2088725.020	6023670.759		1976.002	RS-700	-1.08174547170
11039	9/12/2019 13:07:27		-122.360	37.717	2088723.790	6023672.153		2018.026	RS-700	-0.81744459120
11040	9/12/2019 13:07:28		-122.360	37.717	2088722.372	6023673.860		2057.749	RS-700	-0.56761710692

Gamma Scan Survey Results
Survey Unit 4 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
11041	9/12/2019 13:07:29		-122.360	37.717	2088720.804	6023675.825		1977.007	RS-700	-1.07542685535
11042	9/12/2019 13:07:30		-122.360	37.717	2088719.048	6023678.018		2011.723	RS-700	-0.85709100629
11043	9/12/2019 13:07:31		-122.360	37.717	2088717.292	6023680.269		2023.447	RS-700	-0.78335364780
11044	9/12/2019 13:07:32		-122.360	37.717	2088715.608	6023682.521		2027.939	RS-700	-0.75509830189
11045	9/12/2019 13:07:33		-122.360	37.717	2088713.927	6023684.686		2001.318	RS-700	-0.92252861635
11046	9/12/2019 13:07:34		-122.360	37.717	2088712.171	6023686.879		1937.903	RS-700	-1.32136754717
11047	9/12/2019 13:07:35		-122.360	37.717	2088710.528	6023688.929		1957.715	RS-700	-1.19676213836
11048	9/12/2019 13:07:36		-122.360	37.717	2088708.995	6023690.953		2061.845	RS-700	-0.54185540881
11049	9/12/2019 13:07:37		-122.360	37.717	2088707.572	6023692.892		2043.637	RS-700	-0.65636861635
11050	9/12/2019 13:07:38		-122.360	37.717	2088706.186	6023694.860		2089.061	RS-700	-0.37068452830
11051	9/12/2019 13:07:39		-122.360	37.717	2088704.871	6023696.859		2033.837	RS-700	-0.71800874214
11052	9/12/2019 13:07:40		-122.360	37.717	2088703.485	6023698.828		2082.645	RS-700	-0.41104025157
11053	9/12/2019 13:07:41		-122.360	37.716	2088702.100	6023700.710		1972.408	RS-700	-1.10434993711
11054	9/12/2019 13:07:42		-122.360	37.716	2088700.789	6023702.535		1953.602	RS-700	-1.22262962264
11055	9/12/2019 13:07:43		-122.360	37.716	2088699.553	6023704.247		1880.871	RS-700	-1.68005471698
11056	9/12/2019 13:07:44		-122.360	37.716	2088698.318	6023705.929		1999.799	RS-700	-0.93208396226
11057	9/12/2019 13:07:45		-122.360	37.716	2088697.195	6023707.440		1989.517	RS-700	-0.99675113208
11058	9/12/2019 13:07:46		-122.360	37.716	2088696.260	6023708.665		1918.109	RS-700	-1.44585597484
11059	9/12/2019 13:07:47		-122.360	37.716	2088695.551	6023709.548		1996.612	RS-700	-0.95212377359
11060	9/12/2019 13:07:48		-122.360	37.716	2088694.992	6023710.145		1926.784	RS-700	-1.39129345912
11061	9/12/2019 13:07:49		-122.360	37.716	2088694.584	6023710.542		1995.717	RS-700	-0.95775779874
11062	9/12/2019 13:07:50		-122.360	37.716	2088693.802	6023711.394		2087.954	RS-700	-0.37764742138
11063	9/12/2019 13:07:51		-122.360	37.716	2088692.465	6023712.727		1996.518	RS-700	-0.95271603774
11064	9/12/2019 13:07:52		-122.360	37.716	2088691.383	6023714.007		2045.734	RS-700	-0.64318421384
11065	9/12/2019 13:07:53		-122.360	37.716	2088690.378	6023715.116		1958.797	RS-700	-1.18995440252
11066	9/12/2019 13:07:54		-122.360	37.716	2088689.742	6023715.971		2057.062	RS-700	-0.57193641509
11067	9/12/2019 13:07:55		-122.360	37.716	2088692.235	6023715.124		2059.360	RS-700	-0.55748333333
11068	9/12/2019 13:07:56		-122.360	37.716	2088692.234	6023715.153		2092.550	RS-700	-0.34874031447
11069	9/12/2019 13:07:57		-122.360	37.716	2088692.234	6023715.182		2018.219	RS-700	-0.81623345912
11070	9/12/2019 13:07:58		-122.360	37.716	2088692.197	6023715.210		1997.513	RS-700	-0.94645735849
11071	9/12/2019 13:07:59		-122.360	37.716	2088692.196	6023715.239		1952.605	RS-700	-1.22889911950
11072	9/12/2019 13:08:00		-122.360	37.716	2088689.699	6023716.288		1877.483	RS-700	-1.70136402516
11073	9/12/2019 13:08:01		-122.360	37.716	2088689.699	6023716.288		2036.833	RS-700	-0.69916415094
11074	9/12/2019 13:08:02		-122.360	37.716	2088692.196	6023715.268		2003.520	RS-700	-0.90868031447
11075	9/12/2019 13:08:03		-122.360	37.716	2088692.195	6023715.297		2017.630	RS-700	-0.81993509434
11076	9/12/2019 13:08:04		-122.360	37.716	2088689.586	6023716.460		1947.412	RS-700	-1.26155773585
11077	9/12/2019 13:08:05		-122.360	37.716	2088688.910	6023717.517		2015.723	RS-700	-0.83193283019
11078	9/12/2019 13:08:06		-122.360	37.716	2088687.862	6023718.942		1962.607	RS-700	-1.16599371069
11079	9/12/2019 13:08:07		-122.360	37.716	2088686.809	6023720.571		1955.706	RS-700	-1.20939572327
11080	9/12/2019 13:08:08		-122.360	37.716	2088685.685	6023722.168		1993.621	RS-700	-0.97093761006
11081	9/12/2019 13:08:09		-122.360	37.716	2088684.450	6023723.822		2063.853	RS-700	-0.52922584906
11082	9/12/2019 13:08:10		-122.360	37.716	2088683.255	6023725.331		1971.609	RS-700	-1.10937761006
11083	9/12/2019 13:08:11		-122.360	37.716	2088681.947	6023727.012		2017.218	RS-700	-0.82252823899
11084	9/12/2019 13:08:12		-122.360	37.716	2088680.678	6023728.549		1995.717	RS-700	-0.95775754717
11085	9/12/2019 13:08:13		-122.360	37.716	2088679.411	6023730.000		1912.579	RS-700	-1.48063264151
11086	9/12/2019 13:08:14		-122.360	37.716	2088677.161	6023731.459		1972.906	RS-700	-1.10122207547
11087	9/12/2019 13:08:15		-122.360	37.716	2088675.930	6023732.910		1984.611	RS-700	-1.02760679245
11088	9/12/2019 13:08:16		-122.360	37.716	2088674.624	6023734.475		2049.732	RS-700	-0.61803553459
11089	9/12/2019 13:08:17		-122.360	37.716	2088673.611	6023735.960		2108.440	RS-700	-0.24880245283
11090	9/12/2019 13:08:18		-122.360	37.716	2088672.600	6023737.357		2120.436	RS-700	-0.17335798742
11091	9/12/2019 13:08:19		-122.360	37.716	2088671.621	6023738.987		2105.650	RS-700	-0.26634943396
11092	9/12/2019 13:08:20		-122.360	37.716	2088670.460	6023740.613		2084.851	RS-700	-0.39716062893
11093	9/12/2019 13:08:21		-122.360	37.716	2088669.120	6023742.062		2055.842	RS-700	-0.57961314465
11094	9/12/2019 13:08:22		-122.360	37.716	2088667.706	6023743.567		2192.676	RS-700	0.28097987421
11095	9/12/2019 13:08:23		-122.360	37.716	2088668.825	6023744.052		2056.838	RS-700	-0.57334861635
11096	9/12/2019 13:08:24		-122.360	37.716	2088665.127	6023746.900		2007.722	RS-700	-0.88225238994
11097	9/12/2019 13:08:25		-122.360	37.716	2088664.116	6023748.269		1954.704	RS-700	-1.21570025157
11098	9/12/2019 13:08:26		-122.360	37.716	2088663.511	6023749.385		2066.952	RS-700	-0.50973874214
11099	9/12/2019 13:08:27		-122.360	37.716	2088662.696	6023750.092		1969.618	RS-700	-1.12189836478
11100	9/12/2019 13:08:28		-122.360	37.716	2088662.247	6023750.720		1946.308	RS-700	-1.26850333333
11101	9/12/2019 13:08:29		-122.360	37.716	2088661.612	6023751.488		1986.720	RS-700	-1.01433842767

Gamma Scan Survey Results
Survey Unit 4 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
11102	9/12/2019 13:08:30		-122.360	37.716	2088661.463	6023751.659		1932.499	RS-700	-1.35535031447
11103	9/12/2019 13:08:31		-122.360	37.716	2088661.769	6023750.913		2012.622	RS-700	-0.85143610063
11104	9/12/2019 13:08:32		-122.360	37.716	2088662.261	6023749.968		1972.904	RS-700	-1.10123484277
11105	9/12/2019 13:08:33		-122.360	37.716	2088662.225	6023749.967		1913.769	RS-700	-1.47315289308
11106	9/12/2019 13:08:34		-122.360	37.716	2088661.852	6023750.423		1983.906	RS-700	-1.03204018868
11107	9/12/2019 13:08:35		-122.360	37.716	2088661.510	6023751.139		1957.408	RS-700	-1.19869138365
11108	9/12/2019 13:08:36		-122.360	37.716	2088661.504	6023751.457		1982.119	RS-700	-1.04327767296
11109	9/12/2019 13:08:37		-122.360	37.716	2088661.527	6023752.123		1997.815	RS-700	-0.94455704403
11110	9/12/2019 13:08:38		-122.360	37.716	2088661.476	6023752.845		2097.064	RS-700	-0.32035490566
11111	9/12/2019 13:08:39		-122.360	37.716	2088661.356	6023753.364		2035.157	RS-700	-0.70970553459
11112	9/12/2019 13:08:40		-122.360	37.716	2088661.659	6023752.791		1901.577	RS-700	-1.54983081761
11113	9/12/2019 13:08:41		-122.360	37.716	2088662.334	6023751.792		1996.198	RS-700	-0.95472855346
11114	9/12/2019 13:08:42		-122.360	37.716	2088662.561	6023751.392		2049.531	RS-700	-0.61930339623
11115	9/12/2019 13:08:43		-122.360	37.716	2088662.294	6023751.994		1923.883	RS-700	-1.40954220126
11116	9/12/2019 13:08:44		-122.360	37.716	2088661.807	6023752.678		2005.519	RS-700	-0.89610874214
11117	9/12/2019 13:08:45		-122.360	37.716	2088661.394	6023753.278		1973.892	RS-700	-1.09501974843
11118	9/12/2019 13:08:46		-122.360	37.716	2088661.245	6023753.448		1972.818	RS-700	-1.10177345912
11119	9/12/2019 13:08:47		-122.360	37.716	2088660.758	6023754.133		2067.640	RS-700	-0.50540924528
11120	9/12/2019 13:08:48		-122.360	37.716	2088659.713	6023755.414		2085.199	RS-700	-0.39497509434
11121	9/12/2019 13:08:49		-122.360	37.716	2088658.481	6023756.923		2115.228	RS-700	-0.20611496855
11122	9/12/2019 13:08:50		-122.360	37.716	2088657.061	6023758.746		2123.183	RS-700	-0.15608333333
11123	9/12/2019 13:08:51		-122.360	37.716	2088658.174	6023759.550		2111.769	RS-700	-0.22786993711
11124	9/12/2019 13:08:52		-122.360	37.716	2088654.067	6023762.824		2202.222	RS-700	0.34101622642
11125	9/12/2019 13:08:53		-122.360	37.716	2088652.458	6023764.962		2181.897	RS-700	-0.04135844575
11126	9/12/2019 13:08:54		-122.360	37.716	2088650.739	6023767.184		2235.137	RS-700	0.11477225807
11127	9/12/2019 13:08:55		-122.360	37.716	2088649.461	6023769.155		2502.766	RS-700	0.89960674487
11128	9/12/2019 13:08:56		-122.360	37.716	2088648.004	6023771.035		2445.254	RS-700	0.73095087977
11129	9/12/2019 13:08:57		-122.360	37.716	2088646.662	6023772.571		1978.512	RS-700	-0.63779372434
11130	9/12/2019 13:08:58		-122.360	37.716	2088645.724	6023773.970		1455.669	RS-700	-2.17105794721
11131	9/12/2019 13:08:59		-122.360	37.716	2088644.707	6023775.628		1725.359	RS-700	-1.38017768328
11132	9/12/2019 13:09:00		-122.360	37.716	2088643.916	6023776.943		2109.187	RS-700	-0.25458398827
11133	9/12/2019 13:09:01		-122.360	37.716	2088645.480	6023777.090		2527.517	RS-700	0.97219199414
11134	9/12/2019 13:09:02		-122.360	37.716	2088644.436	6023778.313		2742.857	RS-700	1.60368703812
11135	9/12/2019 13:09:03		-122.360	37.716	2088640.743	6023780.843		2566.049	RS-700	2.62924100629
11136	9/12/2019 13:09:04		-122.360	37.716	2088639.243	6023783.041		2193.786	RS-700	0.28796465409
11137	9/12/2019 13:09:05		-122.360	37.716	2088637.300	6023785.491		2120.759	RS-700	-0.17132547170
11138	9/12/2019 13:09:06		-122.360	37.716	2088635.635	6023786.817		2011.021	RS-700	-0.86150031447
11139	9/12/2019 13:09:07		-122.360	37.716	2088634.497	6023787.286		2010.825	RS-700	-0.86273433962
11140	9/12/2019 13:09:08		-122.360	37.716	2088634.021	6023787.422		2038.921	RS-700	-0.68603283019
11141	9/12/2019 13:09:09		-122.360	37.716	2088633.948	6023787.420		2029.729	RS-700	-0.74384584906
11142	9/12/2019 13:09:10		-122.360	37.716	2088633.911	6023787.448		2057.154	RS-700	-0.57135943396
11143	9/12/2019 13:09:11		-122.360	37.716	2088633.910	6023787.477		1990.019	RS-700	-0.99359320755
11144	9/12/2019 13:09:12		-122.360	37.716	2088633.947	6023787.449		2001.317	RS-700	-0.92253283019
11145	9/12/2019 13:09:13		-122.360	37.716	2088633.984	6023787.450		2008.730	RS-700	-0.87591308176
11146	9/12/2019 13:09:14		-122.360	37.716	2088633.984	6023787.450		1977.709	RS-700	-1.07101427673
11147	9/12/2019 13:09:15		-122.360	37.716	2088633.984	6023787.450		2040.418	RS-700	-0.67661371069
11148	9/12/2019 13:09:16		-122.360	37.716	2088634.020	6023787.451		2141.446	RS-700	-0.04121742138
11149	9/12/2019 13:09:17		-122.360	37.716	2088634.020	6023787.451		2058.815	RS-700	-0.56091408805
11150	9/12/2019 13:09:18		-122.360	37.716	2088634.020	6023787.451		1999.312	RS-700	-0.93514698113
11151	9/12/2019 13:09:19		-122.360	37.716	2088634.020	6023787.451		1988.503	RS-700	-1.00312301887
11152	9/12/2019 13:09:20		-122.360	37.716	2088634.020	6023787.479		1992.310	RS-700	-0.97918213837
11153	9/12/2019 13:09:21		-122.360	37.716	2088634.020	6023787.451		2030.237	RS-700	-0.74064528302
11154	9/12/2019 13:09:22		-122.360	37.716	2088634.020	6023787.451		1986.803	RS-700	-1.01381559748
11155	9/12/2019 13:09:23		-122.360	37.716	2088634.020	6023787.451		2012.521	RS-700	-0.85206779874
11156	9/12/2019 13:09:24		-122.360	37.716	2088634.057	6023787.422		2081.524	RS-700	-0.41809075472
11157	9/12/2019 13:09:25		-122.360	37.716	2088634.239	6023787.455		2016.430	RS-700	-0.82748383648
11158	9/12/2019 13:09:26		-122.360	37.716	2088634.853	6023787.699		2018.520	RS-700	-0.81433754717
11159	9/12/2019 13:09:27		-122.360	37.716	2088635.823	6023788.383		2132.341	RS-700	-0.09848119497
11160	9/12/2019 13:09:28		-122.360	37.716	2088636.709	6023789.587		2016.521	RS-700	-0.82691358491
11161	9/12/2019 13:09:29		-122.360	37.716	2088637.121	6023790.839		2050.429	RS-700	-0.61365716981
11162	9/12/2019 13:09:30		-122.360	37.716	2088637.181	6023791.477		2007.511	RS-700	-0.88357905660

Gamma Scan Survey Results
Survey Unit 4 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
11163	9/12/2019 13:09:31		-122.360	37.716	2088637.182	6023791.448		2050.737	RS-700	-0.61171968554
11164	9/12/2019 13:09:32		-122.360	37.716	2088637.150	6023791.245		2073.051	RS-700	-0.47137496855
11165	9/12/2019 13:09:33		-122.360	37.716	2088637.152	6023791.129		2058.943	RS-700	-0.56010918239
11166	9/12/2019 13:09:34		-122.360	37.716	2088637.152	6023791.129		2058.327	RS-700	-0.56398069182
11167	9/12/2019 13:09:35		-122.360	37.716	2088637.153	6023791.100		2129.871	RS-700	-0.11401811321
11168	9/12/2019 13:09:36		-122.360	37.716	2088637.153	6023791.071		1992.514	RS-700	-0.97789968554
11169	9/12/2019 13:09:37		-122.360	37.716	2088637.153	6023791.071		2072.167	RS-700	-0.47693735849
11170	9/12/2019 13:09:38		-122.360	37.716	2088637.154	6023791.042		2078.535	RS-700	-0.43688647799
11171	9/12/2019 13:09:39		-122.360	37.716	2088637.154	6023791.042		2069.744	RS-700	-0.49217465409
11172	9/12/2019 13:09:40		-122.360	37.716	2088637.154	6023791.013		2082.746	RS-700	-0.41040163522
11173	9/12/2019 13:09:41		-122.360	37.716	2088637.155	6023790.985		2017.727	RS-700	-0.81932710692
11174	9/12/2019 13:09:42		-122.360	37.716	2088637.191	6023790.985		1974.822	RS-700	-1.08916918239
11175	9/12/2019 13:09:43		-122.360	37.716	2088637.156	6023790.927		2037.835	RS-700	-0.69286106918
11176	9/12/2019 13:09:44		-122.360	37.716	2088637.122	6023790.810		2038.640	RS-700	-0.68779698113
11177	9/12/2019 13:09:45		-122.360	37.716	2088637.018	6023790.548		2078.332	RS-700	-0.43816603774
11178	9/12/2019 13:09:46		-122.360	37.716	2088636.807	6023790.168		2037.424	RS-700	-0.69544849057
11179	9/12/2019 13:09:47		-122.360	37.716	2088636.602	6023789.469		1957.808	RS-700	-1.19617735849
11180	9/12/2019 13:09:48		-122.360	37.716	2088636.475	6023788.541		2074.327	RS-700	-0.46335528302
11181	9/12/2019 13:09:49		-122.360	37.716	2088636.417	6023787.816		2145.557	RS-700	-0.01536761006
11182	9/12/2019 13:09:50		-122.360	37.716	2088636.397	6023786.948		2193.456	RS-700	0.28588503145
11183	9/12/2019 13:09:51		-122.360	37.716	2088636.564	6023785.881		1995.919	RS-700	-0.95648207547
11184	9/12/2019 13:09:52		-122.360	37.716	2088636.770	6023784.699		2029.423	RS-700	-0.74576974843
11185	9/12/2019 13:09:53		-122.360	37.716	2088637.082	6023783.635		2137.766	RS-700	-0.06436415094
11186	9/12/2019 13:09:54		-122.360	37.716	2088637.233	6023783.377		2139.766	RS-700	-0.05178616352
11187	9/12/2019 13:09:55		-122.360	37.716	2088636.677	6023783.887		2058.535	RS-700	-0.56267069182
11188	9/12/2019 13:09:56		-122.360	37.716	2088635.163	6023784.927		2099.542	RS-700	-0.30476484277
11189	9/12/2019 13:09:57		-122.360	37.716	2088633.543	6023785.821		2105.754	RS-700	-0.26569591195
11190	9/12/2019 13:09:58		-122.360	37.716	2088632.141	6023786.719		1970.612	RS-700	-1.11564735849
11191	9/12/2019 13:09:59		-122.360	37.716	2088631.028	6023787.738		2035.839	RS-700	-0.70541446541
11192	9/12/2019 13:10:00		-122.360	37.716	2088630.135	6023788.704		2006.418	RS-700	-0.89045062893
11193	9/12/2019 13:10:01		-122.360	37.716	2088629.837	6023789.045		2013.630	RS-700	-0.84509660377
11194	9/12/2019 13:10:02		-122.360	37.716	2088629.948	6023788.932		1901.681	RS-700	-1.54917452830
11195	9/12/2019 13:10:03		-122.360	37.716	2088629.985	6023788.904		1957.713	RS-700	-1.19677666667
11196	9/12/2019 13:10:04		-122.360	37.716	2088629.985	6023788.904		2001.118	RS-700	-0.92378918239
11197	9/12/2019 13:10:05		-122.360	37.716	2088629.985	6023788.904		1997.519	RS-700	-0.94642314465
11198	9/12/2019 13:10:06		-122.360	37.716	2088629.949	6023788.874		1969.505	RS-700	-1.12260867925
11199	9/12/2019 13:10:07		-122.360	37.716	2088629.985	6023788.904		1935.793	RS-700	-1.33463628931
11200	9/12/2019 13:10:08		-122.360	37.716	2088629.986	6023788.875		1967.511	RS-700	-1.13514849057
11201	9/12/2019 13:10:09		-122.360	37.716	2088630.022	6023788.875		1906.675	RS-700	-1.51776823899
11202	9/12/2019 13:10:10		-122.360	37.716	2088630.060	6023788.818		1981.809	RS-700	-1.04522660377
11203	9/12/2019 13:10:11		-122.360	37.716	2088630.097	6023788.790		2043.038	RS-700	-0.66013823899
11204	9/12/2019 13:10:12		-122.360	37.716	2088630.207	6023788.734		1981.611	RS-700	-1.04647333333
11205	9/12/2019 13:10:13		-122.360	37.716	2088630.244	6023788.706		2037.420	RS-700	-0.69547201258
11206	9/12/2019 13:10:14		-122.360	37.716	2088630.245	6023788.677		1962.507	RS-700	-1.16662081761
11207	9/12/2019 13:10:15		-122.360	37.716	2088630.208	6023788.706		1995.725	RS-700	-0.95770421384
11208	9/12/2019 13:10:16		-122.360	37.716	2088630.208	6023788.706		2105.761	RS-700	-0.26565616352
11209	9/12/2019 13:10:17		-122.360	37.716	2088630.245	6023788.677		1987.619	RS-700	-1.00868540881
11210	9/12/2019 13:10:18		-122.360	37.716	2088630.281	6023788.678		1981.807	RS-700	-1.04523981132
11211	9/12/2019 13:10:19		-122.360	37.716	2088630.504	6023788.480		2077.663	RS-700	-0.44237339623
11212	9/12/2019 13:10:20		-122.360	37.716	2088631.246	6023787.771		2046.736	RS-700	-0.63688088050
11213	9/12/2019 13:10:21		-122.360	37.716	2088631.921	6023786.801		1953.916	RS-700	-1.22065628931
11214	9/12/2019 13:10:22		-122.360	37.716	2088632.705	6023785.804		2130.334	RS-700	-0.11110603774
11215	9/12/2019 13:10:23		-122.360	37.716	2088633.605	6023784.520		2042.632	RS-700	-0.66269150943
11216	9/12/2019 13:10:24		-122.360	37.716	2088634.655	6023783.008		2026.028	RS-700	-0.76711937107
11217	9/12/2019 13:10:25		-122.360	37.716	2088635.848	6023781.614		2118.195	RS-700	-0.18745150943
11218	9/12/2019 13:10:26		-122.360	37.716	2088636.375	6023780.728		2191.324	RS-700	0.27247754717
11219	9/12/2019 13:10:27		-122.360	37.716	2088637.236	6023779.587		2453.006	RS-700	1.91827383648
11220	9/12/2019 13:10:28		-122.360	37.716	2088638.208	6023778.305		2636.095	RS-700	3.06977886792
11221	9/12/2019 13:10:29		-122.360	37.716	2088638.996	6023777.134		2547.041	RS-700	1.02944580645
11222	9/12/2019 13:10:30		-122.360	37.716	2088639.783	6023776.022		2199.787	RS-700	0.01110451613
11223	9/12/2019 13:10:31		-122.360	37.716	2088640.753	6023774.855		1878.581	RS-700	-0.93084821114

Gamma Scan Survey Results
Survey Unit 4 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
11224	9/12/2019 13:10:32		-122.360	37.716	2088641.240	6023774.170		1544.943	RS-700	-1.90925733138
11225	9/12/2019 13:10:33		-122.360	37.716	2088642.064	6023773.029		1358.350	RS-700	-2.45645211144
11226	9/12/2019 13:10:34		-122.360	37.716	2088642.846	6023772.148		1726.637	RS-700	-1.37643193548
11227	9/12/2019 13:10:35		-122.360	37.716	2088643.701	6023771.268		1995.719	RS-700	-0.58733392962
11228	9/12/2019 13:10:36		-122.360	37.716	2088644.446	6023770.444		2352.982	RS-700	0.46035844575
11229	9/12/2019 13:10:37		-122.360	37.716	2088645.167	6023769.012		2484.397	RS-700	0.84573935484
11230	9/12/2019 13:10:38		-122.360	37.716	2088645.995	6023767.668		2308.949	RS-700	0.33122961877
11231	9/12/2019 13:10:39		-122.360	37.716	2088647.479	6023766.280		2126.282	RS-700	-0.20445281525
11232	9/12/2019 13:10:40		-122.360	37.716	2088648.927	6023764.863		2016.419	RS-700	-0.52662941349
11233	9/12/2019 13:10:41		-122.360	37.716	2088650.161	6023763.267		2010.522	RS-700	-0.54392483871
11234	9/12/2019 13:10:42		-122.360	37.716	2088651.429	6023761.788		2029.317	RS-700	-0.74643295598
11235	9/12/2019 13:10:43		-122.360	37.716	2088652.508	6023760.623		2072.162	RS-700	-0.47697081761
11236	9/12/2019 13:10:44		-122.360	37.716	2088653.328	6023759.685		2109.545	RS-700	-0.24185245283
11237	9/12/2019 13:10:45		-122.360	37.716	2088653.589	6023759.372		2072.052	RS-700	-0.47765823899
11238	9/12/2019 13:10:46		-122.360	37.716	2088654.144	6023758.949		2169.567	RS-700	0.13563880503
11239	9/12/2019 13:10:47		-122.360	37.716	2088654.842	6023758.615		2149.786	RS-700	0.01122955975
11240	9/12/2019 13:10:48		-122.360	37.716	2088655.500	6023758.513		2143.755	RS-700	-0.02669761006
11241	9/12/2019 13:10:49		-122.360	37.716	2088655.500	6023758.513		2041.825	RS-700	-0.66776427673
11242	9/12/2019 13:10:50		-122.360	37.716	2088656.699	6023758.623		2066.451	RS-700	-0.51288767296
11243	9/12/2019 13:10:51		-122.360	37.716	2088657.904	6023758.474		2048.940	RS-700	-0.62301905660
11244	9/12/2019 13:10:52		-122.360	37.716	2088659.116	6023757.977		2103.665	RS-700	-0.27883415094
11245	9/12/2019 13:10:53		-122.360	37.716	2088660.078	6023757.215		2099.967	RS-700	-0.30209345912
11246	9/12/2019 13:10:54		-122.360	37.716	2088660.529	6023756.530		2112.283	RS-700	-0.22463597484
11247	9/12/2019 13:10:55		-122.360	37.716	2088661.205	6023755.473		2010.217	RS-700	-0.86655880503
11248	9/12/2019 13:10:56		-122.360	37.716	2088661.875	6023754.763		2042.631	RS-700	-0.66269861635
11249	9/12/2019 13:10:57		-122.360	37.716	2088662.550	6023753.793		1932.598	RS-700	-1.35473044025
11250	9/12/2019 13:10:58		-122.360	37.716	2088662.901	6023752.584		1909.397	RS-700	-1.50064723270
11251	9/12/2019 13:10:59		-122.360	37.716	2088662.890	6023751.340		1899.303	RS-700	-1.56413452830
11252	9/12/2019 13:11:00		-122.360	37.716	2088662.881	6023749.951		2117.086	RS-700	-0.19442635220
11253	9/12/2019 13:11:01		-122.360	37.716	2088662.763	6023748.531		2022.420	RS-700	-0.78981176101
11254	9/12/2019 13:11:02		-122.360	37.716	2088662.496	6023747.340		1993.614	RS-700	-0.97098144654
11255	9/12/2019 13:11:03		-122.360	37.716	2088662.406	6023746.355		2039.615	RS-700	-0.68166408805
11256	9/12/2019 13:11:04		-122.360	37.716	2088662.451	6023745.950		1974.312	RS-700	-1.09237786164
11257	9/12/2019 13:11:05		-122.360	37.716	2088662.412	6023746.036		2084.167	RS-700	-0.40146245283
11258	9/12/2019 13:11:06		-122.360	37.716	2088662.176	6023746.929		1987.613	RS-700	-1.00872572327
11259	9/12/2019 13:11:07		-122.360	37.716	2088661.974	6023747.966		2028.631	RS-700	-0.75074836478
11260	9/12/2019 13:11:08		-122.360	37.716	2088661.942	6023747.734		2117.382	RS-700	-0.19256911950
11261	9/12/2019 13:11:09		-122.360	37.716	2088661.989	6023747.185		1933.889	RS-700	-1.34660830189
11262	9/12/2019 13:11:10		-122.360	37.716	2088662.073	6023746.608		2002.797	RS-700	-0.91322540881
11263	9/12/2019 13:11:11		-122.360	37.716	2088662.035	6023746.694		2070.434	RS-700	-0.48783553459
11264	9/12/2019 13:11:12		-122.360	37.716	2088662.036	6023746.665		2005.619	RS-700	-0.89547792453
11265	9/12/2019 13:11:13		-122.360	37.716	2088662.035	6023746.723		2096.861	RS-700	-0.32162691824
11266	9/12/2019 13:11:14		-122.360	37.716	2088662.035	6023746.723		1986.521	RS-700	-1.01559345912
11267	9/12/2019 13:11:15		-122.360	37.716	2088662.035	6023746.694		2014.821	RS-700	-0.83760301887
11268	9/12/2019 13:11:16		-122.360	37.716	2088662.072	6023746.695		2057.943	RS-700	-0.56639566038
11269	9/12/2019 13:11:17		-122.360	37.716	2088662.036	6023746.665		1983.111	RS-700	-1.03703477987
11270	9/12/2019 13:11:18		-122.360	37.716	2088662.073	6023746.637		2106.814	RS-700	-0.25903062893
11271	9/12/2019 13:11:19		-122.360	37.716	2088662.073	6023746.637		1980.614	RS-700	-1.05274389937
11272	9/12/2019 13:11:20		-122.360	37.716	2088662.110	6023746.580		2077.856	RS-700	-0.44115830189
11273	9/12/2019 13:11:21		-122.360	37.716	2088662.110	6023746.580		2026.133	RS-700	-0.76646075472
11274	9/12/2019 13:11:22		-122.360	37.716	2088662.187	6023746.408		1991.013	RS-700	-0.98733849057
11275	9/12/2019 13:11:23		-122.360	37.716	2088662.490	6023745.778		2054.854	RS-700	-0.58582572327
11276	9/12/2019 13:11:24		-122.360	37.716	2088662.454	6023745.777		2055.733	RS-700	-0.58029295598
11277	9/12/2019 13:11:25		-122.360	37.716	2088662.490	6023745.778		2054.743	RS-700	-0.58652352201
11278	9/12/2019 13:11:26		-122.360	37.716	2088662.491	6023745.749		2004.628	RS-700	-0.90171044025
11279	9/12/2019 13:11:27		-122.360	37.716	2088662.492	6023745.720		2010.723	RS-700	-0.86337735849
11280	9/12/2019 13:11:28		-122.360	37.716	2088662.491	6023745.749		2017.021	RS-700	-0.82376471698
11281	9/12/2019 13:11:29		-122.360	37.716	2088662.492	6023745.720		2077.635	RS-700	-0.44254408805
11282	9/12/2019 13:11:30		-122.360	37.716	2088662.528	6023745.720		2006.418	RS-700	-0.89045301887
11283	9/12/2019 13:11:31		-122.360	37.716	2088663.047	6023745.239		1987.414	RS-700	-1.00997415094
11284	9/12/2019 13:11:32		-122.360	37.716	2088663.903	6023744.359		2041.725	RS-700	-0.66839446541

Gamma Scan Survey Results
Survey Unit 4 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
11285	9/12/2019 13:11:33		-122.360	37.716	2088664.943	6023743.338		2047.834	RS-700	-0.62997327044
11286	9/12/2019 13:11:34		-122.360	37.716	2088665.946	6023742.317		1969.527	RS-700	-1.12247207547
11287	9/12/2019 13:11:35		-122.360	37.716	2088666.805	6023741.263		2029.347	RS-700	-0.74624515723
11288	9/12/2019 13:11:36		-122.360	37.716	2088667.551	6023740.381		2034.727	RS-700	-0.71240880503
11289	9/12/2019 13:11:37		-122.360	37.716	2088668.443	6023739.444		2032.624	RS-700	-0.72563610063
11290	9/12/2019 13:11:38		-122.360	37.716	2088669.118	6023738.503		1918.497	RS-700	-1.44341610063
11291	9/12/2019 13:11:39		-122.360	37.716	2088669.829	6023737.534		2051.840	RS-700	-0.60478018868
11292	9/12/2019 13:11:40		-122.360	37.716	2088670.539	6023736.593		2103.650	RS-700	-0.27892830189
11293	9/12/2019 13:11:41		-122.360	37.716	2088671.251	6023735.623		2038.834	RS-700	-0.68657704403
11294	9/12/2019 13:11:42		-122.360	37.716	2088671.961	6023734.712		2074.849	RS-700	-0.46007094340
11295	9/12/2019 13:11:43		-122.360	37.716	2088672.744	6023733.773		2041.430	RS-700	-0.67024974843
11296	9/12/2019 13:11:44		-122.360	37.716	2088673.454	6023732.890		1957.503	RS-700	-1.19809553459
11297	9/12/2019 13:11:45		-122.360	37.716	2088674.164	6023731.949		2046.528	RS-700	-0.63818566038
11298	9/12/2019 13:11:46		-122.360	37.716	2088674.839	6023730.979		1936.890	RS-700	-1.32773679245
11299	9/12/2019 13:11:47		-122.360	37.716	2088675.698	6023729.926		1921.594	RS-700	-1.42393584906
11300	9/12/2019 13:11:48		-122.360	37.716	2088676.746	6023728.500		1889.781	RS-700	-1.62402169811
11301	9/12/2019 13:11:49		-122.360	37.716	2088677.904	6023727.019		1967.901	RS-700	-1.13269754717
11302	9/12/2019 13:11:50		-122.360	37.716	2088678.989	6023725.594		1974.518	RS-700	-1.09108289308
11303	9/12/2019 13:11:51		-122.360	37.716	2088680.111	6023724.112		2039.625	RS-700	-0.68160377359
11304	9/12/2019 13:11:52		-122.360	37.716	2088681.306	6023722.631		1921.684	RS-700	-1.42336817610
11305	9/12/2019 13:11:53		-122.360	37.716	2088682.391	6023721.148		1921.304	RS-700	-1.42575823899
11306	9/12/2019 13:11:54		-122.360	37.716	2088683.552	6023719.551		2029.133	RS-700	-0.74759188679
11307	9/12/2019 13:11:55		-122.360	37.716	2088684.827	6023717.725		2011.624	RS-700	-0.85771245283
11308	9/12/2019 13:11:56		-122.360	37.716	2088686.172	6023715.987		1923.982	RS-700	-1.40891817610
11309	9/12/2019 13:11:57		-122.360	37.716	2088687.518	6023714.220		1962.099	RS-700	-1.16919018868
11310	9/12/2019 13:11:58		-122.360	37.716	2088688.642	6023712.651		1960.705	RS-700	-1.17795735849
11311	9/12/2019 13:11:59		-122.360	37.716	2088689.650	6023711.398		1925.596	RS-700	-1.39876880503
11312	9/12/2019 13:12:00		-122.360	37.716	2088690.791	6023710.813		1948.898	RS-700	-1.25221578616
11313	9/12/2019 13:12:01		-122.360	37.716	2088691.015	6023710.557		2054.327	RS-700	-0.58913641509
11314	9/12/2019 13:12:02		-122.360	37.716	2088691.123	6023710.588		1942.701	RS-700	-1.29118742138
11315	9/12/2019 13:12:03		-122.360	37.716	2088691.486	6023710.654		2079.961	RS-700	-0.42792044025
11316	9/12/2019 13:12:04		-122.360	37.716	2088692.286	6023710.698		1963.598	RS-700	-1.15975955975
11317	9/12/2019 13:12:05		-122.360	37.716	2088693.636	6023710.581		1882.675	RS-700	-1.66870874214
11318	9/12/2019 13:12:06		-122.360	37.716	2088695.463	6023710.299		1910.975	RS-700	-1.49072471698
11319	9/12/2019 13:12:07		-122.360	37.716	2088695.794	6023710.132		1952.384	RS-700	-1.23028773585
11320	9/12/2019 13:12:08		-122.360	37.716	2088695.127	6023710.697		1936.690	RS-700	-1.32899207547
11321	9/12/2019 13:12:09		-122.360	37.716	2088694.494	6023711.379		1929.596	RS-700	-1.37360937107
11322	9/12/2019 13:12:10		-122.360	37.716	2088694.050	6023711.746		1957.705	RS-700	-1.19682572327
11323	9/12/2019 13:12:11		-122.360	37.716	2088694.382	6023711.521		2053.735	RS-700	-0.59286025157
11324	9/12/2019 13:12:12		-122.360	37.716	2088694.679	6023711.238		1989.818	RS-700	-0.99485805031
11325	9/12/2019 13:12:13		-122.360	37.716	2088694.901	6023711.069		2040.539	RS-700	-0.67585308176
11326	9/12/2019 13:12:14		-122.360	37.716	2088694.939	6023711.011		1978.707	RS-700	-1.06473515723
11327	9/12/2019 13:12:15		-122.360	37.716	2088694.975	6023711.041		1929.793	RS-700	-1.37236930818
11328	9/12/2019 13:12:16		-122.360	37.716	2088694.975	6023711.041		1942.795	RS-700	-1.29059798742
11329	9/12/2019 13:12:17		-122.360	37.716	2088694.939	6023711.011		1904.972	RS-700	-1.52847710692
11330	9/12/2019 13:12:18		-122.360	37.716	2088694.938	6023711.040		1904.874	RS-700	-1.52909333333
11331	9/12/2019 13:12:19		-122.360	37.716	2088694.975	6023711.041		1910.400	RS-700	-1.49434106918
11332	9/12/2019 13:12:20		-122.360	37.716	2088694.975	6023711.041		1959.903	RS-700	-1.18299849057
11333	9/12/2019 13:12:21		-122.360	37.716	2088694.975	6023711.041		1933.505	RS-700	-1.34902572327
11334	9/12/2019 13:12:22		-122.360	37.716	2088695.012	6023711.013		1959.080	RS-700	-1.18817547170
11335	9/12/2019 13:12:23		-122.360	37.716	2088695.011	6023711.042		1999.717	RS-700	-0.93259861635
11336	9/12/2019 13:12:24		-122.360	37.716	2088695.011	6023711.042		1979.676	RS-700	-1.05864333333
11337	9/12/2019 13:12:25		-122.360	37.716	2088695.011	6023711.042		1926.599	RS-700	-1.39245968553
11338	9/12/2019 13:12:26		-122.360	37.716	2088695.159	6023710.929		1978.509	RS-700	-1.06598132075
11339	9/12/2019 13:12:27		-122.360	37.716	2088695.641	6023710.476		1927.175	RS-700	-1.38883962264
11340	9/12/2019 13:12:28		-122.360	37.716	2088696.425	6023709.537		1947.697	RS-700	-1.25976943396
11341	9/12/2019 13:12:29		-122.360	37.716	2088697.435	6023708.197		1908.871	RS-700	-1.50395440252
11342	9/12/2019 13:12:30		-122.360	37.716	2088698.549	6023707.120		1909.876	RS-700	-1.49763578616
11343	9/12/2019 13:12:31		-122.360	37.716	2088699.191	6023705.975		1985.104	RS-700	-1.02450616352
11344	9/12/2019 13:12:32		-122.360	37.716	2088699.344	6023705.602		1929.692	RS-700	-1.37300786164
11345	9/12/2019 13:12:33		-122.360	37.716	2088699.303	6023705.804		1948.399	RS-700	-1.25535289308

Gamma Scan Survey Results
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SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
11346	9/12/2019 13:12:34		-122.360	37.716	2088699.342	6023705.689		1941.799	RS-700	-1.29686075472
11347	9/12/2019 13:12:35		-122.360	37.716	2088699.342	6023705.689		1937.498	RS-700	-1.32390943396
11348	9/12/2019 13:12:36		-122.360	37.716	2088699.342	6023705.689		1923.690	RS-700	-1.41075446541
11349	9/12/2019 13:12:37		-122.360	37.716	2088699.342	6023705.689		1940.695	RS-700	-1.30380484277
11350	9/12/2019 13:12:38		-122.360	37.716	2088699.342	6023705.689		1928.788	RS-700	-1.37869358491
11351	9/12/2019 13:12:39		-122.360	37.716	2088699.342	6023705.689		1873.858	RS-700	-1.72416106918
11352	9/12/2019 13:12:40		-122.360	37.716	2088699.343	6023705.631		1937.499	RS-700	-1.32390503145
11353	9/12/2019 13:12:41		-122.360	37.716	2088699.315	6023705.197		1900.398	RS-700	-1.55724389937
11354	9/12/2019 13:12:42		-122.360	37.716	2088699.361	6023704.735		1974.598	RS-700	-1.09057660377
11355	9/12/2019 13:12:43		-122.360	37.716	2088699.486	6023703.927		1949.303	RS-700	-1.24966452830
11356	9/12/2019 13:12:44		-122.360	37.716	2088699.287	6023702.939		1896.586	RS-700	-1.58122182390
11357	9/12/2019 13:12:45		-122.360	37.716	2088699.345	6023701.899		1967.317	RS-700	-1.13636987421
11358	9/12/2019 13:12:46		-122.360	37.716	2088699.589	6023700.573		1993.615	RS-700	-0.97097628931
11359	9/12/2019 13:12:47		-122.360	37.716	2088699.866	6023699.479		1974.612	RS-700	-1.09049257862
11360	9/12/2019 13:12:48		-122.360	37.716	2088700.317	6023698.765		2033.630	RS-700	-0.71930993711
11361	9/12/2019 13:12:49		-122.360	37.716	2088700.766	6023698.195		1999.518	RS-700	-0.93384742138
11362	9/12/2019 13:12:50		-122.360	37.716	2088701.213	6023697.683		1993.215	RS-700	-0.97348937107
11363	9/12/2019 13:12:51		-122.360	37.716	2088701.250	6023697.655		2000.823	RS-700	-0.92564238994
11364	9/12/2019 13:12:52		-122.360	37.716	2088701.212	6023697.712		2012.517	RS-700	-0.85209641509
11365	9/12/2019 13:12:53		-122.360	37.716	2088701.176	6023697.712		1970.409	RS-700	-1.11692547170
11366	9/12/2019 13:12:54		-122.360	37.716	2088701.176	6023697.712		2001.430	RS-700	-0.92182226415
11367	9/12/2019 13:12:55		-122.360	37.716	2088701.176	6023697.712		1987.416	RS-700	-1.00996490566
11368	9/12/2019 13:12:56		-122.360	37.716	2088701.176	6023697.712		2009.518	RS-700	-0.87095421384
11369	9/12/2019 13:12:57		-122.360	37.716	2088701.139	6023697.711		1921.200	RS-700	-1.42641339623
11370	9/12/2019 13:12:58		-122.360	37.716	2088701.176	6023697.712		1963.708	RS-700	-1.15907188679
11371	9/12/2019 13:12:59		-122.360	37.716	2088701.175	6023697.741		2018.523	RS-700	-0.81432050315
11372	9/12/2019 13:13:00		-122.360	37.716	2088701.175	6023697.741		2032.828	RS-700	-0.72435113208
11373	9/12/2019 13:13:01		-122.360	37.716	2088701.175	6023697.769		2017.713	RS-700	-0.81941540881
11374	9/12/2019 13:13:02		-122.360	37.716	2088701.175	6023697.769		1959.901	RS-700	-1.18301031447
11375	9/12/2019 13:13:03		-122.360	37.716	2088701.175	6023697.769		1896.060	RS-700	-1.58453069182
11376	9/12/2019 13:13:04		-122.360	37.716	2088701.211	6023697.770		1997.221	RS-700	-0.94829389937
11377	9/12/2019 13:13:05		-122.360	37.716	2088701.175	6023697.769		2044.633	RS-700	-0.65010786164
11378	9/12/2019 13:13:06		-122.360	37.716	2088701.211	6023697.770		1969.904	RS-700	-1.12010257862
11379	9/12/2019 13:13:07		-122.360	37.716	2088701.174	6023697.798		2035.527	RS-700	-0.70738050315
11380	9/12/2019 13:13:08		-122.360	37.716	2088701.174	6023697.798		1971.514	RS-700	-1.10997276730
11381	9/12/2019 13:13:09		-122.360	37.716	2088701.211	6023697.799		1931.308	RS-700	-1.36284314465
11382	9/12/2019 13:13:10		-122.360	37.716	2088701.174	6023697.798		1948.796	RS-700	-1.25285459119
11383	9/12/2019 13:13:11		-122.360	37.716	2088701.211	6023697.770		1962.804	RS-700	-1.16475572327
11384	9/12/2019 13:13:12		-122.360	37.716	2088701.211	6023697.770		2075.746	RS-700	-0.45442949686
11385	9/12/2019 13:13:13		-122.360	37.716	2088701.360	6023697.600		2045.942	RS-700	-0.64187716981
11386	9/12/2019 13:13:14		-122.360	37.716	2088701.732	6023697.202		2058.726	RS-700	-0.56146943396
11387	9/12/2019 13:13:15		-122.360	37.717	2088702.368	6023696.376		1958.389	RS-700	-1.19251981132
11388	9/12/2019 13:13:16		-122.360	37.717	2088703.192	6023695.206		2004.817	RS-700	-0.90052050315
11389	9/12/2019 13:13:17		-122.360	37.717	2088704.278	6023693.723		2071.738	RS-700	-0.47963308176
11390	9/12/2019 13:13:18		-122.360	37.717	2088705.694	6023692.131		2037.216	RS-700	-0.69675685535
11391	9/12/2019 13:13:19		-122.360	37.717	2088707.039	6023690.393		2048.039	RS-700	-0.62868566038
11392	9/12/2019 13:13:20		-122.360	37.717	2088708.312	6023688.654		2006.620	RS-700	-0.88918232704
11393	9/12/2019 13:13:21		-122.360	37.717	2088709.400	6023687.026		2016.413	RS-700	-0.82758893082
11394	9/12/2019 13:13:22		-122.360	37.717	2088710.485	6023685.601		2050.629	RS-700	-0.61239886793
11395	9/12/2019 13:13:23		-122.360	37.717	2088711.459	6023684.232		1993.015	RS-700	-0.97474553459
11396	9/12/2019 13:13:24		-122.360	37.717	2088712.504	6023682.951		2001.215	RS-700	-0.92317496855
11397	9/12/2019 13:13:25		-122.360	37.717	2088713.475	6023681.726		1992.003	RS-700	-0.98111433962
11398	9/12/2019 13:13:26		-122.360	37.717	2088714.485	6023680.415		1992.016	RS-700	-0.98103069182
11399	9/12/2019 13:13:27		-122.360	37.717	2088715.679	6023678.964		2059.148	RS-700	-0.55881515723
11400	9/12/2019 13:13:28		-122.360	37.717	2088716.800	6023677.539		1962.987	RS-700	-1.16360232704
11401	9/12/2019 13:13:29		-122.360	37.717	2088717.921	6023676.086		1995.416	RS-700	-0.95964742138
11402	9/12/2019 13:13:30		-122.360	37.717	2088719.155	6023674.491		1969.410	RS-700	-1.12320522013
11403	9/12/2019 13:13:31		-122.360	37.717	2088720.426	6023672.838		1932.791	RS-700	-1.35351377358
11404	9/12/2019 13:13:32		-122.360	37.717	2088721.772	6023671.100		2068.753	RS-700	-0.49840861635
11405	9/12/2019 13:13:33		-122.360	37.717	2088723.044	6023669.389		1977.039	RS-700	-1.07522660377
11406	9/12/2019 13:13:34		-122.360	37.717	2088724.132	6023667.762		1934.888	RS-700	-1.34032628931

Gamma Scan Survey Results
Survey Unit 4 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
11407	9/12/2019 13:13:35		-122.360	37.717	2088725.034	6023666.362		2023.032	RS-700	-0.78596069182
11408	9/12/2019 13:13:36		-122.360	37.717	2088725.715	6023665.103		2014.523	RS-700	-0.83947937107
11409	9/12/2019 13:13:37		-122.360	37.717	2088726.504	6023663.903		1988.710	RS-700	-1.00182616352
11410	9/12/2019 13:13:38		-122.360	37.717	2088727.356	6023663.168		1983.810	RS-700	-1.03263968553
11411	9/12/2019 13:13:39		-122.360	37.717	2088728.202	6023662.751		2003.023	RS-700	-0.91180610063
11412	9/12/2019 13:13:40		-122.360	37.717	2088728.934	6023662.563		2013.018	RS-700	-0.84894295598
11413	9/12/2019 13:13:41		-122.360	37.717	2088729.296	6023662.686		1935.791	RS-700	-1.33464899371
11414	9/12/2019 13:13:42		-122.360	37.717	2088730.166	6023662.877		1954.603	RS-700	-1.21633641509
11415	9/12/2019 13:13:43		-122.360	37.717	2088731.111	6023662.982		1944.504	RS-700	-1.27984716981
11416	9/12/2019 13:13:44		-122.360	37.717	2088732.389	6023662.805		1853.760	RS-700	-1.85056490566
11417	9/12/2019 13:13:45		-122.360	37.717	2088733.052	6023662.442		1916.915	RS-700	-1.45336396226
11418	9/12/2019 13:13:46		-122.360	37.717	2088732.054	6023663.146		1927.899	RS-700	-1.38428327044
11419	9/12/2019 13:13:47		-122.360	37.717	2088731.200	6023663.968		1982.822	RS-700	-1.03885685535
11420	9/12/2019 13:13:48		-122.360	37.717	2088730.757	6023664.277		1998.416	RS-700	-0.94078119497
11421	9/12/2019 13:13:49		-122.360	37.717	2088731.274	6023663.911		1965.318	RS-700	-1.14894622642
11422	9/12/2019 13:13:50		-122.360	37.717	2088732.311	6023663.064		1943.501	RS-700	-1.28615465409
11423	9/12/2019 13:13:51		-122.360	37.717	2088733.392	6023661.813		1866.389	RS-700	-1.77113886792
11424	9/12/2019 13:13:52		-122.360	37.717	2088734.366	6023660.443		1972.908	RS-700	-1.10121000000
11425	9/12/2019 13:13:53		-122.360	37.717	2088735.518	6023659.309		1887.300	RS-700	-1.63962371069
11426	9/12/2019 13:13:54		-122.360	37.717	2088736.673	6023658.001		1926.696	RS-700	-1.39185213836
11427	9/12/2019 13:13:55		-122.360	37.717	2088736.957	6023656.502		1933.689	RS-700	-1.34786729560
11428	9/12/2019 13:13:56		-122.360	37.717	2088737.020	6023655.202		2010.722	RS-700	-0.86338452830
11429	9/12/2019 13:13:57		-122.360	37.717	2088737.049	6023653.727		1904.780	RS-700	-1.52968333333
11430	9/12/2019 13:13:58		-122.360	37.717	2088737.032	6023652.743		1910.884	RS-700	-1.49129779874
11431	9/12/2019 13:13:59		-122.360	37.717	2088737.307	6023651.736		1954.801	RS-700	-1.21508849057
11432	9/12/2019 13:14:00		-122.360	37.717	2088737.847	6023650.213		1971.700	RS-700	-1.10880792453
11433	9/12/2019 13:14:01		-122.360	37.717	2088738.314	6023648.718		1933.217	RS-700	-1.35083855346
11434	9/12/2019 13:14:02		-122.360	37.717	2088738.922	6023647.457		1892.587	RS-700	-1.60637415094
11435	9/12/2019 13:14:03		-122.360	37.717	2088739.815	6023646.491		2076.850	RS-700	-0.44748194969
11436	9/12/2019 13:14:04		-122.360	37.717	2088740.563	6023645.494		2026.422	RS-700	-0.76464163522
11437	9/12/2019 13:14:05		-122.360	37.717	2088741.198	6023644.696		1962.313	RS-700	-1.16784339623
11438	9/12/2019 13:14:06		-122.360	37.717	2088741.833	6023643.899		2043.529	RS-700	-0.65704761006
11439	9/12/2019 13:14:07		-122.360	37.717	2088741.946	6023643.728		2003.319	RS-700	-0.90994452830
11440	9/12/2019 13:14:08		-122.360	37.717	2088741.946	6023643.728		2050.624	RS-700	-0.61242635220
11441	9/12/2019 13:14:09		-122.360	37.717	2088741.946	6023643.728		2038.140	RS-700	-0.69094106918
11442	9/12/2019 13:14:10		-122.360	37.717	2088741.983	6023643.699		1966.902	RS-700	-1.13898220126
11443	9/12/2019 13:14:11		-122.360	37.717	2088741.947	6023643.670		2036.421	RS-700	-0.70175402516
11444	9/12/2019 13:14:12		-122.360	37.717	2088741.984	6023643.641		2080.539	RS-700	-0.42428308176
11445	9/12/2019 13:14:13		-122.360	37.717	2088741.984	6023643.641		2102.185	RS-700	-0.28814264151
11446	9/12/2019 13:14:14		-122.360	37.717	2088741.984	6023643.613		2049.632	RS-700	-0.61866547170
11447	9/12/2019 13:14:15		-122.360	37.717	2088741.985	6023643.584		2089.168	RS-700	-0.37000968554
11448	9/12/2019 13:14:16		-122.360	37.717	2088741.985	6023643.584		2027.702	RS-700	-0.75659031447
11449	9/12/2019 13:14:17		-122.360	37.717	2088742.058	6023643.556		2061.837	RS-700	-0.54190396226
11450	9/12/2019 13:14:18		-122.360	37.717	2088742.022	6023643.555		2007.418	RS-700	-0.88416176101
11451	9/12/2019 13:14:19		-122.360	37.717	2088742.060	6023643.469		1970.412	RS-700	-1.11690742138
11452	9/12/2019 13:14:20		-122.360	37.717	2088742.806	6023642.587		2112.963	RS-700	-0.22035685535
11453	9/12/2019 13:14:21		-122.360	37.717	2088743.963	6023641.193		2070.049	RS-700	-0.49025779874
11454	9/12/2019 13:14:22		-122.360	37.717	2088745.084	6023639.769		1955.003	RS-700	-1.21381685535
11455	9/12/2019 13:14:23		-122.360	37.717	2088746.352	6023638.232		2064.737	RS-700	-0.52366471698
11456	9/12/2019 13:14:24		-122.360	37.717	2088747.734	6023636.523		1972.814	RS-700	-1.10179610063
11457	9/12/2019 13:14:25		-122.360	37.717	2088749.042	6023634.813		1927.981	RS-700	-1.38376660377
11458	9/12/2019 13:14:26		-122.360	37.717	2088750.500	6023632.962		1976.096	RS-700	-1.08115509434
11459	9/12/2019 13:14:27		-122.360	37.717	2088752.139	6023631.114		1927.074	RS-700	-1.38947459119
11460	9/12/2019 13:14:28		-122.360	37.717	2088753.889	6023629.153		1969.312	RS-700	-1.12382106918
11461	9/12/2019 13:14:29		-122.360	37.717	2088755.492	6023627.304		1924.694	RS-700	-1.40443993711
11462	9/12/2019 13:14:30		-122.360	37.717	2088757.093	6023625.542		2006.618	RS-700	-0.88919654088
11463	9/12/2019 13:14:31		-122.360	37.717	2088758.481	6023623.544		1976.792	RS-700	-1.07677748428
11464	9/12/2019 13:14:32		-122.360	37.717	2088759.722	6023621.544		1878.674	RS-700	-1.69387685535
11465	9/12/2019 13:14:33		-122.360	37.717	2088760.853	6023619.628		1941.610	RS-700	-1.29805226415
11466	9/12/2019 13:14:34		-122.360	37.717	2088761.981	6023617.857		1967.790	RS-700	-1.13339893082
11467	9/12/2019 13:14:35		-122.360	37.717	2088763.028	6023616.460		1922.282	RS-700	-1.41960823899

Gamma Scan Survey Results
Survey Unit 4 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
11468	9/12/2019 13:14:36		-122.360	37.717	2088764.429	6023615.591		2047.143	RS-700	-0.63432226415
11469	9/12/2019 13:14:37		-122.360	37.717	2088765.597	6023615.470		1922.694	RS-700	-1.41702050314
11470	9/12/2019 13:14:38		-122.360	37.717	2088765.621	6023616.078		1863.855	RS-700	-1.78707635220
11471	9/12/2019 13:14:39		-122.360	37.717	2088765.997	6023615.507		1942.887	RS-700	-1.29002113208
11472	9/12/2019 13:14:40		-122.360	37.717	2088767.635	6023615.568		1932.695	RS-700	-1.35412138365
11473	9/12/2019 13:14:41		-122.360	37.717	2088768.915	6023615.275		2021.911	RS-700	-0.79301383648
11474	9/12/2019 13:14:42		-122.360	37.717	2088768.914	6023615.333		1904.688	RS-700	-1.53026245283
11475	9/12/2019 13:14:43		-122.360	37.717	2088767.771	6023616.034		1985.413	RS-700	-1.02256283019
11476	9/12/2019 13:14:44		-122.360	37.717	2088766.953	6023616.856		2028.634	RS-700	-0.75072968554
11477	9/12/2019 13:14:45		-122.360	37.717	2088766.732	6023617.026		2026.245	RS-700	-0.76575553459
11478	9/12/2019 13:14:46		-122.360	37.717	2088767.729	6023616.322		1938.698	RS-700	-1.31636402516
11479	9/12/2019 13:14:47		-122.360	37.717	2088768.806	6023615.273		1985.715	RS-700	-1.02065861635
11480	9/12/2019 13:14:48		-122.360	37.717	2088769.852	6023613.934		1929.596	RS-700	-1.37360937107
11481	9/12/2019 13:14:49		-122.360	37.717	2088770.970	6023612.654		1934.503	RS-700	-1.34274855346
11482	9/12/2019 13:14:50		-122.360	37.717	2088772.047	6023611.605		1944.507	RS-700	-1.27982899371
11483	9/12/2019 13:14:51		-122.360	37.717	2088772.693	6023610.287		2000.722	RS-700	-0.92627641509
11484	9/12/2019 13:14:52		-122.360	37.717	2088772.833	6023608.699		1960.701	RS-700	-1.17798194969
11485	9/12/2019 13:14:53		-122.360	37.717	2088772.723	6023606.903		1906.206	RS-700	-1.52071522013
11486	9/12/2019 13:14:54		-122.360	37.717	2088772.723	6023605.081		1961.604	RS-700	-1.17230188679
11487	9/12/2019 13:14:55		-122.360	37.717	2088772.643	6023603.604		1826.382	RS-700	-2.02275169811
11488	9/12/2019 13:14:56		-122.360	37.717	2088772.800	6023603.028		1978.611	RS-700	-1.06534157233
11489	9/12/2019 13:14:57		-122.360	37.717	2088773.255	6023602.169		1986.610	RS-700	-1.01503025157
11490	9/12/2019 13:14:58		-122.360	37.717	2088773.853	6023601.371		1941.404	RS-700	-1.29934301887
11491	9/12/2019 13:14:59		-122.360	37.717	2088774.525	6023600.545		2011.939	RS-700	-0.85572660377
11492	9/12/2019 13:15:00		-122.360	37.717	2088775.643	6023599.266		1996.013	RS-700	-0.95589276730
11493	9/12/2019 13:15:01		-122.360	37.717	2088776.985	6023597.730		2044.318	RS-700	-0.65208918239
11494	9/12/2019 13:15:02		-122.360	37.717	2088778.438	6023596.052		2125.767	RS-700	-0.13982861635
11495	9/12/2019 13:15:03		-122.360	37.717	2088779.786	6023594.227		1964.329	RS-700	-1.15516301887
11496	9/12/2019 13:15:04		-122.360	37.717	2088780.988	6023592.371		2042.043	RS-700	-0.66639433962
11497	9/12/2019 13:15:05		-122.360	37.717	2088782.514	6023590.723		1976.712	RS-700	-1.07728012579
11498	9/12/2019 13:15:06		-122.360	37.717	2088783.929	6023589.160		1968.193	RS-700	-1.13086075472
11499	9/12/2019 13:15:07		-122.360	37.717	2088785.231	6023587.768		2059.842	RS-700	-0.55445088050
11500	9/12/2019 13:15:08		-122.360	37.717	2088786.314	6023586.459		2051.040	RS-700	-0.60981201258
11501	9/12/2019 13:15:09		-122.360	37.717	2088787.770	6023584.637		2072.055	RS-700	-0.47763930818
11502	9/12/2019 13:15:10		-122.360	37.717	2088789.123	6023582.523		1971.811	RS-700	-1.10810459119
11503	9/12/2019 13:15:11		-122.360	37.717	2088790.731	6023580.443		1968.908	RS-700	-1.12636352201
11504	9/12/2019 13:15:12		-122.360	37.717	2088792.523	6023578.222		1968.801	RS-700	-1.12703905660
11505	9/12/2019 13:15:13		-122.360	37.717	2088794.282	6023575.827		1944.810	RS-700	-1.27792540881
11506	9/12/2019 13:15:14		-122.360	37.717	2088796.072	6023573.721		2036.934	RS-700	-0.69853088050
11507	9/12/2019 13:15:15		-122.360	37.717	2088797.385	6023571.809		1960.825	RS-700	-1.17720440252
11508	9/12/2019 13:15:16		-122.360	37.717	2088798.833	6023570.420		2031.424	RS-700	-0.73318207547
11509	9/12/2019 13:15:17		-122.360	37.717	2088800.459	6023569.237		2063.837	RS-700	-0.52932591195
11510	9/12/2019 13:15:18		-122.360	37.717	2088802.357	6023569.015		2096.437	RS-700	-0.32429471698
11511	9/12/2019 13:15:19		-122.360	37.717	2088804.186	6023568.617		2086.955	RS-700	-0.38393320755
11512	9/12/2019 13:15:20		-122.360	37.717	2088805.480	6023567.630		2100.544	RS-700	-0.29846817610
11513	9/12/2019 13:15:21		-122.360	37.717	2088806.526	6023566.291		2166.569	RS-700	0.11678566038
11514	9/12/2019 13:15:22		-122.360	37.717	2088807.796	6023564.697		1965.412	RS-700	-1.14835113208
11515	9/12/2019 13:15:23		-122.360	37.717	2088809.181	6023562.844		1927.501	RS-700	-1.38678377358
11516	9/12/2019 13:15:24		-122.360	37.717	2088810.670	6023561.195		1962.803	RS-700	-1.16476031447
11517	9/12/2019 13:15:25		-122.360	37.717	2088812.128	6023559.315		2119.443	RS-700	-0.17960635220
11518	9/12/2019 13:15:26		-122.360	37.717	2088813.512	6023557.491		2074.539	RS-700	-0.46202088050
11519	9/12/2019 13:15:27		-122.361	37.717	2088814.905	6023555.175		2008.318	RS-700	-0.87850220126
11520	9/12/2019 13:15:28		-122.361	37.717	2088816.108	6023553.319		2209.018	RS-700	0.38376308176
11521	9/12/2019 13:15:29		-122.361	37.717	2088817.320	6023550.970		2133.990	RS-700	-0.08811471698
11522	9/12/2019 13:15:30		-122.361	37.717	2088818.528	6023548.825		2207.361	RS-700	0.37334012579
11523	9/12/2019 13:15:31		-122.361	37.717	2088819.773	6023546.651		2176.890	RS-700	0.18170000000
11524	9/12/2019 13:15:32		-122.361	37.717	2088820.977	6023544.707		2245.036	RS-700	0.61028628931
11525	9/12/2019 13:15:33		-122.361	37.717	2088822.174	6023543.111		2302.600	RS-700	0.97232685535
11526	9/12/2019 13:15:34		-122.361	37.717	2088823.587	6023541.635		2344.310	RS-700	1.23465654088
11527	9/12/2019 13:15:35		-122.361	37.717	2088824.462	6023539.772		2276.273	RS-700	0.80674905660
11528	9/12/2019 13:15:36		-122.361	37.717	2088824.893	6023538.247		2303.829	RS-700	0.98005805031

Gamma Scan Survey Results
Survey Unit 4 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
11529	9/12/2019 13:15:37		-122.361	37.717	2088825.517	6023536.147		2101.449	RS-700	-0.29277415094
11530	9/12/2019 13:15:38		-122.361	37.717	2088826.400	6023533.879		2099.754	RS-700	-0.30343647799
11531	9/12/2019 13:15:39		-122.361	37.717	2088827.314	6023531.872		1975.605	RS-700	-1.08424440252
11532	9/12/2019 13:15:40		-122.361	37.717	2088828.589	6023530.046		1896.868	RS-700	-1.57944641509
11533	9/12/2019 13:15:41		-122.361	37.717	2088830.005	6023528.396		1894.845	RS-700	-1.59217000000
11534	9/12/2019 13:15:42		-122.361	37.717	2088831.569	6023526.663		2046.426	RS-700	-0.63882748428
11535	9/12/2019 13:15:43		-122.361	37.717	2088833.024	6023524.956		2008.711	RS-700	-0.87603201258
11536	9/12/2019 13:15:44		-122.361	37.717	2088834.369	6023523.247		1961.797	RS-700	-1.17108641509
11537	9/12/2019 13:15:45		-122.361	37.717	2088835.605	6023521.507		1974.607	RS-700	-1.09052509434
11538	9/12/2019 13:15:46		-122.361	37.717	2088836.972	6023520.521		2027.523	RS-700	-0.75771698113
11539	9/12/2019 13:15:47		-122.361	37.717	2088837.660	6023520.737		1999.318	RS-700	-0.93510396226
11540	9/12/2019 13:15:48		-122.361	37.717	2088839.520	6023520.601		1984.515	RS-700	-1.02820893082
11541	9/12/2019 13:15:49		-122.361	37.717	2088841.284	6023519.826		2065.952	RS-700	-0.51602358491
11542	9/12/2019 13:15:50		-122.361	37.717	2088842.976	6023518.963		1961.599	RS-700	-1.17233566038
11543	9/12/2019 13:15:51		-122.361	37.717	2088844.498	6023517.517		2011.214	RS-700	-0.86029006289
11544	9/12/2019 13:15:52		-122.361	37.717	2088845.698	6023515.748		1999.632	RS-700	-0.93313000000
11545	9/12/2019 13:15:53		-122.361	37.717	2088846.277	6023514.110		1999.821	RS-700	-0.93194591195
11546	9/12/2019 13:15:54		-122.361	37.717	2088846.828	6023512.038		2045.940	RS-700	-0.64188522013
11547	9/12/2019 13:15:55		-122.361	37.717	2088847.054	6023509.873		2037.529	RS-700	-0.69478465409
11548	9/12/2019 13:15:56		-122.361	37.717	2088847.836	6023507.140		1966.702	RS-700	-1.14024056604
11549	9/12/2019 13:15:57		-122.361	37.717	2088849.043	6023505.081		1973.315	RS-700	-1.09865031447
11550	9/12/2019 13:15:58		-122.361	37.717	2088850.279	6023503.341		2052.962	RS-700	-0.59772433962
11551	9/12/2019 13:15:59		-122.361	37.717	2088851.902	6023502.303		2015.723	RS-700	-0.83192893082
11552	9/12/2019 13:16:00		-122.361	37.717	2088853.439	6023501.928		1969.808	RS-700	-1.12070440252
11553	9/12/2019 13:16:01		-122.361	37.717	2088854.997	6023502.335		2062.440	RS-700	-0.53811616352
11554	9/12/2019 13:16:02		-122.361	37.717	2088856.692	6023503.179		1952.896	RS-700	-1.22706886792
11555	9/12/2019 13:16:03		-122.361	37.717	2088857.658	6023504.066		2079.644	RS-700	-0.42991169811
11556	9/12/2019 13:16:04		-122.361	37.717	2088858.470	6023505.326		1998.817	RS-700	-0.93825540881
11557	9/12/2019 13:16:05		-122.361	37.717	2088859.099	6023506.670		2085.855	RS-700	-0.39085188679
11558	9/12/2019 13:16:06		-122.361	37.717	2088859.438	6023507.949		2020.934	RS-700	-0.79915981132
11559	9/12/2019 13:16:07		-122.361	37.717	2088859.410	6023509.366		2105.661	RS-700	-0.26628509434
11560	9/12/2019 13:16:08		-122.361	37.717	2088859.045	6023511.211		1996.522	RS-700	-0.95269075472
11561	9/12/2019 13:16:09		-122.361	37.717	2088857.960	6023512.693		2022.505	RS-700	-0.78927968554
11562	9/12/2019 13:16:10		-122.361	37.717	2088856.732	6023514.000		2020.323	RS-700	-0.80299981132
11563	9/12/2019 13:16:11		-122.361	37.717	2088855.281	6023515.533		1921.492	RS-700	-1.42458169811
11564	9/12/2019 13:16:12		-122.361	37.717	2088853.645	6023517.208		2099.649	RS-700	-0.30409540881
11565	9/12/2019 13:16:13		-122.361	37.717	2088851.935	6023518.967		1973.711	RS-700	-1.09615918239
11566	9/12/2019 13:16:14		-122.361	37.717	2088850.077	6023520.811		1993.615	RS-700	-0.97097194969
11567	9/12/2019 13:16:15		-122.361	37.717	2088848.183	6023522.654		2033.837	RS-700	-0.71800735849
11568	9/12/2019 13:16:16		-122.361	37.717	2088846.069	6023524.579		2043.836	RS-700	-0.65512182390
11569	9/12/2019 13:16:17		-122.361	37.717	2088843.920	6023526.445		1972.412	RS-700	-1.10432522013
11570	9/12/2019 13:16:18		-122.361	37.717	2088841.841	6023528.400		2011.019	RS-700	-0.86151509434
11571	9/12/2019 13:16:19		-122.361	37.717	2088840.014	6023530.563		2078.057	RS-700	-0.43989433962
11572	9/12/2019 13:16:20		-122.361	37.717	2088838.370	6023532.642		2064.363	RS-700	-0.52602018868
11573	9/12/2019 13:16:21		-122.361	37.717	2088836.838	6023534.579		1838.662	RS-700	-1.94552176101
11574	9/12/2019 13:16:22		-122.361	37.717	2088835.458	6023536.229		1455.675	RS-700	-4.35424427673
11575	9/12/2019 13:16:23		-122.361	37.717	2088834.263	6023537.739		1340.214	RS-700	-5.08041786164
11576	9/12/2019 13:16:24		-122.361	37.717	2088833.329	6023538.906		1413.239	RS-700	-4.62113823899
11577	9/12/2019 13:16:25		-122.361	37.717	2088832.545	6023539.874		1403.143	RS-700	-4.68463823899
11578	9/12/2019 13:16:26		-122.361	37.717	2088831.797	6023540.843		1511.226	RS-700	-4.00487075472
11579	9/12/2019 13:16:27		-122.361	37.717	2088830.864	6023542.011		1836.569	RS-700	-1.95868308176
11580	9/12/2019 13:16:28		-122.361	37.717	2088830.079	6023543.008		2159.127	RS-700	0.06998270440
11581	9/12/2019 13:16:29		-122.361	37.717	2088829.179	6023544.292		2141.870	RS-700	-0.03855452830
11582	9/12/2019 13:16:30		-122.361	37.717	2088828.203	6023545.777		2210.800	RS-700	0.39496723270
11583	9/12/2019 13:16:31		-122.361	37.717	2088827.292	6023547.610		2218.241	RS-700	0.44176880503
11584	9/12/2019 13:16:32		-122.361	37.717	2088826.487	6023549.677		2119.447	RS-700	-0.17958037736
11585	9/12/2019 13:16:33		-122.361	37.717	2088825.791	6023551.688		2162.345	RS-700	0.09021823899
11586	9/12/2019 13:16:34		-122.361	37.717	2088824.731	6023553.721		2112.440	RS-700	-0.22365037736
11587	9/12/2019 13:16:35		-122.361	37.717	2088823.161	6023555.744		2053.635	RS-700	-0.59349270440
11588	9/12/2019 13:16:36		-122.360	37.717	2088821.451	6023557.504		2053.842	RS-700	-0.59219100629
11589	9/12/2019 13:16:37		-122.360	37.717	2088820.011	6023558.488		1999.027	RS-700	-0.93693918239

Gamma Scan Survey Results
Survey Unit 4 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
11590	9/12/2019 13:16:38		-122.360	37.717	2088819.122	6023559.222		2092.874	RS-700	-0.34670396226
11591	9/12/2019 13:16:39		-122.360	37.717	2088818.271	6023559.929		2120.655	RS-700	-0.17198031447
11592	9/12/2019 13:16:40		-122.360	37.717	2088817.529	6023560.579		2048.420	RS-700	-0.62629056604
11593	9/12/2019 13:16:41		-122.360	37.717	2088816.678	6023561.286		2092.827	RS-700	-0.34699874214
11594	9/12/2019 13:16:42		-122.360	37.717	2088815.299	6023562.850		2032.731	RS-700	-0.72496295598
11595	9/12/2019 13:16:43		-122.360	37.717	2088814.142	6023564.273		1983.714	RS-700	-1.03324817610
11596	9/12/2019 13:16:44		-122.360	37.717	2088813.358	6023565.241		2005.616	RS-700	-0.89549761006
11597	9/12/2019 13:16:45		-122.360	37.717	2088813.058	6023565.640		1958.810	RS-700	-1.18987182390
11598	9/12/2019 13:16:46		-122.360	37.717	2088813.058	6023565.640		1913.300	RS-700	-1.47610182390
11599	9/12/2019 13:16:47		-122.360	37.717	2088813.058	6023565.640		2035.835	RS-700	-0.70543830189
11600	9/12/2019 13:16:48		-122.360	37.717	2088813.058	6023565.640		2053.355	RS-700	-0.59525018868
11601	9/12/2019 13:16:49		-122.360	37.717	2088813.022	6023565.639		2128.981	RS-700	-0.11961798742
11602	9/12/2019 13:16:50		-122.360	37.717	2088813.022	6023565.639		2024.828	RS-700	-0.77466911950
11603	9/12/2019 13:16:51		-122.360	37.717	2088812.909	6023565.811		2058.637	RS-700	-0.56203150943
11604	9/12/2019 13:16:52		-122.360	37.717	2088812.121	6023567.010		2003.628	RS-700	-0.90799924528
11605	9/12/2019 13:16:53		-122.360	37.717	2088810.703	6023568.689		2027.745	RS-700	-0.75632119497
11606	9/12/2019 13:16:54		-122.360	37.717	2088808.630	6023570.412		2046.757	RS-700	-0.63674981132
11607	9/12/2019 13:16:55		-122.360	37.717	2088806.306	6023571.900		2067.840	RS-700	-0.50415320755
11608	9/12/2019 13:16:56		-122.360	37.717	2088803.803	6023573.210		2032.432	RS-700	-0.72684452830
11609	9/12/2019 13:16:57		-122.360	37.717	2088801.224	6023574.692		2026.728	RS-700	-0.76271660377
11610	9/12/2019 13:16:58		-122.360	37.717	2088798.643	6023576.318		2057.846	RS-700	-0.56700578616
11611	9/12/2019 13:16:59		-122.360	37.717	2088796.058	6023578.118		1937.594	RS-700	-1.32330509434
11612	9/12/2019 13:17:00		-122.360	37.717	2088793.651	6023580.096		2059.433	RS-700	-0.55702213837
11613	9/12/2019 13:17:01		-122.360	37.717	2088791.678	6023582.226		1991.103	RS-700	-0.98677446541
11614	9/12/2019 13:17:02		-122.360	37.717	2088789.741	6023584.444		2045.634	RS-700	-0.64381333333
11615	9/12/2019 13:17:03		-122.360	37.717	2088787.915	6023586.520		1961.213	RS-700	-1.17476371069
11616	9/12/2019 13:17:04		-122.360	37.717	2088786.122	6023588.741		2036.832	RS-700	-0.69916817610
11617	9/12/2019 13:17:05		-122.360	37.717	2088784.326	6023591.164		2068.949	RS-700	-0.49717534591
11618	9/12/2019 13:17:06		-122.360	37.717	2088782.603	6023593.560		2033.832	RS-700	-0.71803503145
11619	9/12/2019 13:17:07		-122.360	37.717	2088780.809	6023595.897		2124.018	RS-700	-0.15082855346
11620	9/12/2019 13:17:08		-122.360	37.717	2088778.796	6023598.229		2078.433	RS-700	-0.43752578616
11621	9/12/2019 13:17:09		-122.360	37.717	2088777.077	6023600.423		2107.862	RS-700	-0.25243911950
11622	9/12/2019 13:17:10		-122.360	37.717	2088775.582	6023602.360		1978.311	RS-700	-1.06722377358
11623	9/12/2019 13:17:11		-122.360	37.717	2088774.120	6023604.443		1889.750	RS-700	-1.62421352201
11624	9/12/2019 13:17:12		-122.360	37.717	2088773.165	6023606.681		1991.615	RS-700	-0.98355125786
11625	9/12/2019 13:17:13		-122.360	37.717	2088772.759	6023608.756		1985.815	RS-700	-1.02003194969
11626	9/12/2019 13:17:14		-122.360	37.717	2088772.064	6023610.738		1968.704	RS-700	-1.12764641509
11627	9/12/2019 13:17:15		-122.360	37.717	2088770.856	6023612.884		1990.716	RS-700	-0.98920855346
11628	9/12/2019 13:17:16		-122.360	37.717	2088769.283	6023615.080		1912.876	RS-700	-1.47876490566
11629	9/12/2019 13:17:17		-122.360	37.717	2088767.527	6023617.302		2060.838	RS-700	-0.54818622642
11630	9/12/2019 13:17:18		-122.360	37.717	2088765.659	6023619.666		2039.528	RS-700	-0.68221100629
11631	9/12/2019 13:17:19		-122.360	37.717	2088763.719	6023622.028		2049.531	RS-700	-0.61930012579
11632	9/12/2019 13:17:20		-122.360	37.717	2088761.924	6023624.365		2022.013	RS-700	-0.79236823899
11633	9/12/2019 13:17:21		-122.360	37.717	2088760.201	6023626.790		2068.849	RS-700	-0.49780383648
11634	9/12/2019 13:17:22		-122.360	37.717	2088758.440	6023629.243		1915.879	RS-700	-1.45987886792
11635	9/12/2019 13:17:23		-122.360	37.717	2088756.828	6023631.583		2067.745	RS-700	-0.50475138365
11636	9/12/2019 13:17:24		-122.360	37.717	2088755.177	6023633.981		1947.606	RS-700	-1.26033748428
11637	9/12/2019 13:17:25		-122.360	37.717	2088753.490	6023636.435		2008.223	RS-700	-0.87910182390
11638	9/12/2019 13:17:26		-122.360	37.717	2088751.728	6023638.946		2088.646	RS-700	-0.37329283019
11639	9/12/2019 13:17:27		-122.360	37.717	2088750.042	6023641.343		2068.742	RS-700	-0.49847654088
11640	9/12/2019 13:17:28		-122.360	37.717	2088748.282	6023643.738		1993.606	RS-700	-0.97103377359
11641	9/12/2019 13:17:29		-122.360	37.717	2088747.062	6023646.520		2027.727	RS-700	-0.75643396226
11642	9/12/2019 13:17:30		-122.360	37.717	2088746.384	6023649.486		1974.316	RS-700	-1.09235169811
11643	9/12/2019 13:17:31		-122.360	37.717	2088745.558	6023652.536		2025.729	RS-700	-0.76900006289
11644	9/12/2019 13:17:32		-122.360	37.717	2088744.261	6023655.519		1986.714	RS-700	-1.01437591195
11645	9/12/2019 13:17:33		-122.360	37.717	2088742.674	6023658.410		1929.597	RS-700	-1.37360490566
11646	9/12/2019 13:17:34		-122.360	37.717	2088741.054	6023661.126		1934.596	RS-700	-1.34216106918
11647	9/12/2019 13:17:35		-122.360	37.717	2088739.288	6023663.839		1963.605	RS-700	-1.15971767296
11648	9/12/2019 13:17:36		-122.360	37.717	2088737.630	6023666.642		1944.602	RS-700	-1.27923364780
11649	9/12/2019 13:17:37		-122.360	37.717	2088735.899	6023669.442		2017.216	RS-700	-0.82253811321
11650	9/12/2019 13:17:38		-122.360	37.717	2088734.347	6023672.391		1964.093	RS-700	-1.15664987421

Gamma Scan Survey Results
Survey Unit 4 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
11651	9/12/2019 13:17:39		-122.360	37.717	2088732.799	6023675.167		2055.634	RS-700	-0.58091899371
11652	9/12/2019 13:17:40		-122.360	37.717	2088731.143	6023677.824		1938.800	RS-700	-1.31572622642
11653	9/12/2019 13:17:41		-122.360	37.717	2088728.987	6023680.038		1254.246	RS-700	-5.62109509434
11654	9/12/2019 13:17:42		-122.360	37.717	2088726.978	6023682.197		1204.527	RS-700	-5.93379314465
11655	9/12/2019 13:17:43		-122.360	37.717	2088725.119	6023684.098		1632.763	RS-700	-3.24048654088
11656	9/12/2019 13:17:44		-122.360	37.717	2088723.439	6023686.148		1955.114	RS-700	-1.21312119497
11657	9/12/2019 13:17:45		-122.360	37.717	2088721.898	6023688.548		2003.412	RS-700	-0.90935698113
11658	9/12/2019 13:17:46		-122.360	37.717	2088720.099	6023691.115		2045.732	RS-700	-0.64319232704
11659	9/12/2019 13:17:47		-122.360	37.717	2088718.188	6023693.826		2056.945	RS-700	-0.57267025157
11660	9/12/2019 13:17:48		-122.360	37.717	2088716.712	6023696.632		1987.819	RS-700	-1.00743081761
11661	9/12/2019 13:17:49		-122.360	37.717	2088714.876	6023699.199		2051.947	RS-700	-0.60411006289
11662	9/12/2019 13:17:50		-122.360	37.717	2088713.039	6023701.853		2036.730	RS-700	-0.69981283019
11663	9/12/2019 13:17:51		-122.360	37.717	2088711.169	6023704.304		2091.548	RS-700	-0.35504616352
11664	9/12/2019 13:17:52		-122.360	37.717	2088709.479	6023706.903		2108.169	RS-700	-0.25051088050
11665	9/12/2019 13:17:53		-122.360	37.717	2088707.750	6023709.588		2088.064	RS-700	-0.37695333333
11666	9/12/2019 13:17:54		-122.360	37.717	2088706.018	6023712.447		2050.837	RS-700	-0.61108641509
11667	9/12/2019 13:17:55		-122.360	37.717	2088704.288	6023715.190		2009.818	RS-700	-0.86906754717
11668	9/12/2019 13:17:56		-122.360	37.717	2088702.487	6023717.873		1990.912	RS-700	-0.98797289308
11669	9/12/2019 13:17:57		-122.360	37.716	2088700.798	6023720.386		2022.626	RS-700	-0.78851402516
11670	9/12/2019 13:17:58		-122.360	37.716	2088698.964	6023722.866		1916.203	RS-700	-1.45784333333
11671	9/12/2019 13:17:59		-122.360	37.716	2088697.091	6023725.491		2009.226	RS-700	-0.87279534591
11672	9/12/2019 13:18:00		-122.360	37.716	2088695.145	6023728.142		2097.657	RS-700	-0.31662553459
11673	9/12/2019 13:18:01		-122.360	37.716	2088693.162	6023730.794		2023.423	RS-700	-0.78350584906
11674	9/12/2019 13:18:02		-122.360	37.716	2088691.363	6023733.362		1997.223	RS-700	-0.94828572327
11675	9/12/2019 13:18:03		-122.360	37.716	2088689.602	6023735.844		2140.878	RS-700	-0.04479094340
11676	9/12/2019 13:18:04		-122.360	37.716	2088687.657	6023738.380		1955.906	RS-700	-1.20813735849
11677	9/12/2019 13:18:05		-122.360	37.716	2088685.678	6023740.857		2007.926	RS-700	-0.88096578616
11678	9/12/2019 13:18:06		-122.360	37.716	2088683.701	6023743.190		2029.026	RS-700	-0.74826113208
11679	9/12/2019 13:18:07		-122.360	37.716	2088681.722	6023745.639		2037.630	RS-700	-0.69414798742
11680	9/12/2019 13:18:08		-122.360	37.716	2088679.781	6023748.060		2122.553	RS-700	-0.16004496855
11681	9/12/2019 13:18:09		-122.360	37.716	2088677.986	6023750.396		2095.749	RS-700	-0.32862169811
11682	9/12/2019 13:18:10		-122.360	37.716	2088676.155	6023752.732		2175.995	RS-700	0.17606685535
11683	9/12/2019 13:18:11		-122.360	37.716	2088674.320	6023755.271		2068.264	RS-700	-0.50148295598
11684	9/12/2019 13:18:12		-122.360	37.716	2088672.591	6023757.985		2070.542	RS-700	-0.48715949686
11685	9/12/2019 13:18:13		-122.360	37.716	2088671.007	6023760.730		2114.493	RS-700	-0.21073377359
11686	9/12/2019 13:18:14		-122.360	37.716	2088669.603	6023763.567		2151.882	RS-700	0.02441685535
11687	9/12/2019 13:18:15		-122.360	37.716	2088668.054	6023766.371		2143.554	RS-700	-0.02796012579
11688	9/12/2019 13:18:16		-122.360	37.716	2088666.255	6023768.939		2028.940	RS-700	-0.74880339623
11689	9/12/2019 13:18:17		-122.360	37.716	2088664.422	6023771.362		2044.638	RS-700	-0.65007773585
11690	9/12/2019 13:18:18		-122.360	37.716	2088662.477	6023773.927		2150.772	RS-700	-0.13263381232
11691	9/12/2019 13:18:19		-122.360	37.716	2088660.932	6023776.529		2398.384	RS-700	0.59350217009
11692	9/12/2019 13:18:20		-122.360	37.716	2088659.467	6023778.785		2567.404	RS-700	1.08915994135
11693	9/12/2019 13:18:21		-122.360	37.716	2088658.073	6023781.159		1984.702	RS-700	-0.61964255132
11694	9/12/2019 13:18:22		-122.360	37.716	2088656.681	6023783.359		1522.394	RS-700	-1.97538404692
11695	9/12/2019 13:18:23		-122.360	37.716	2088655.547	6023785.477		2162.451	RS-700	-0.09838328446
11696	9/12/2019 13:18:24		-122.360	37.716	2088654.340	6023787.565		2666.367	RS-700	1.37937483871
11697	9/12/2019 13:18:25		-122.360	37.716	2088652.584	6023789.758		2431.753	RS-700	1.78460930818
11698	9/12/2019 13:18:26		-122.360	37.716	2088650.900	6023792.039		2083.859	RS-700	-0.40339987421
11699	9/12/2019 13:18:27		-122.360	37.716	2088649.104	6023794.462		2105.761	RS-700	-0.26565691824
11700	9/12/2019 13:18:28		-122.360	37.716	2088647.632	6023797.037		2089.968	RS-700	-0.36497861635
11701	9/12/2019 13:18:29		-122.360	37.716	2088646.059	6023799.233		2025.624	RS-700	-0.76965855346
11702	9/12/2019 13:18:30		-122.360	37.716	2088645.067	6023801.528		2065.531	RS-700	-0.51867496855
11703	9/12/2019 13:18:31		-122.360	37.716	2088645.128	6023803.959		1985.110	RS-700	-1.02446471698
11704	9/12/2019 13:18:32		-122.360	37.716	2088646.210	6023806.324		1995.528	RS-700	-0.95894572327
11705	9/12/2019 13:18:33		-122.360	37.716	2088647.675	6023807.742		1979.708	RS-700	-1.05844150943
11706	9/12/2019 13:18:34		-122.360	37.716	2088649.483	6023808.356		2067.364	RS-700	-0.50714553459
11707	9/12/2019 13:18:35		-122.360	37.716	2088651.270	6023808.247		2107.652	RS-700	-0.25376182390
11708	9/12/2019 13:18:36		-122.360	37.716	2088652.811	6023807.670		2120.165	RS-700	-0.17506591195
11709	9/12/2019 13:18:37		-122.360	37.716	2088654.355	6023806.949		2092.072	RS-700	-0.35174716981
11710	9/12/2019 13:18:38		-122.360	37.716	2088655.755	6023806.167		2025.336	RS-700	-0.77147062893
11711	9/12/2019 13:18:39		-122.360	37.716	2088657.084	6023805.267		2098.068	RS-700	-0.31403836478

Gamma Scan Survey Results
Survey Unit 4 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
11712	9/12/2019 13:18:40		-122.360	37.716	2088658.085	6023804.361		2098.645	RS-700	-0.31040943396
11713	9/12/2019 13:18:41		-122.360	37.716	2088659.085	6023803.513		2078.844	RS-700	-0.43494169811
11714	9/12/2019 13:18:42		-122.360	37.716	2088659.538	6023802.712		2110.764	RS-700	-0.23418591195
11715	9/12/2019 13:18:43		-122.360	37.716	2088659.986	6023802.143		2091.544	RS-700	-0.35506943396
11716	9/12/2019 13:18:44		-122.360	37.716	2088660.470	6023801.603		2064.533	RS-700	-0.52495075472
11717	9/12/2019 13:18:45		-122.360	37.716	2088660.767	6023801.319		2020.140	RS-700	-0.80414955975
11718	9/12/2019 13:18:46		-122.360	37.716	2088660.656	6023801.433		2091.549	RS-700	-0.35503729560
11719	9/12/2019 13:18:47		-122.360	37.716	2088660.507	6023801.603		2093.751	RS-700	-0.34118974843
11720	9/12/2019 13:18:48		-122.360	37.716	2088660.324	6023801.657		2011.319	RS-700	-0.85962836478
11721	9/12/2019 13:18:49		-122.360	37.716	2088660.847	6023801.002		2153.993	RS-700	0.03768924528
11722	9/12/2019 13:18:50		-122.360	37.716	2088662.264	6023799.295		2266.588	RS-700	0.74583830189
11723	9/12/2019 13:18:51		-122.360	37.716	2088663.804	6023796.982		2401.501	RS-700	0.60264304985
11724	9/12/2019 13:18:52		-122.360	37.716	2088665.373	6023794.959		2044.637	RS-700	-0.44388008798
11725	9/12/2019 13:18:53		-122.360	37.716	2088666.424	6023793.389		1523.623	RS-700	-1.97178087977
11726	9/12/2019 13:18:54		-122.360	37.716	2088667.693	6023791.852		1743.538	RS-700	-1.32686850440
11727	9/12/2019 13:18:55		-122.360	37.716	2088668.662	6023790.743		2076.950	RS-700	-0.34912099707
11728	9/12/2019 13:18:56		-122.360	37.716	2088669.674	6023789.316		2531.903	RS-700	0.98505293255
11729	9/12/2019 13:18:57		-122.360	37.716	2088670.767	6023787.429		2378.209	RS-700	0.53433636364
11730	9/12/2019 13:18:58		-122.360	37.716	2088671.982	6023784.936		2044.532	RS-700	-0.44418747801
11731	9/12/2019 13:18:59		-122.360	37.716	2088673.884	6023782.717		1866.363	RS-700	-0.96667692082
11732	9/12/2019 13:19:00		-122.360	37.716	2088675.937	6023780.212		2043.040	RS-700	-0.66012509434
11733	9/12/2019 13:19:01		-122.360	37.716	2088677.835	6023778.138		1995.118	RS-700	-0.96152157233
11734	9/12/2019 13:19:02		-122.360	37.716	2088679.288	6023776.518		2082.173	RS-700	-0.41400874214
11735	9/12/2019 13:19:03		-122.360	37.716	2088680.258	6023775.322		2056.738	RS-700	-0.57397522013
11736	9/12/2019 13:19:04		-122.360	37.716	2088680.781	6023774.696		2186.896	RS-700	0.24462987421
11737	9/12/2019 13:19:05		-122.360	37.716	2088680.856	6023774.553		2193.563	RS-700	0.28655685535
11738	9/12/2019 13:19:06		-122.360	37.716	2088680.782	6023774.638		2219.239	RS-700	0.44804628931
11739	9/12/2019 13:19:07		-122.360	37.716	2088680.782	6023774.638		2120.868	RS-700	-0.17064182390
11740	9/12/2019 13:19:08		-122.360	37.716	2088680.746	6023774.608		2083.056	RS-700	-0.40845377359
11741	9/12/2019 13:19:09		-122.360	37.716	2088680.745	6023774.637		2139.344	RS-700	-0.05443754717
11742	9/12/2019 13:19:10		-122.360	37.716	2088681.234	6023773.866		2111.440	RS-700	-0.22993805031
11743	9/12/2019 13:19:11		-122.360	37.716	2088682.436	6023772.038		2017.622	RS-700	-0.81998641509
11744	9/12/2019 13:19:12		-122.360	37.716	2088684.266	6023769.731		2077.954	RS-700	-0.44054031447
11745	9/12/2019 13:19:13		-122.360	37.716	2088686.390	6023767.314		2072.434	RS-700	-0.47525603774
11746	9/12/2019 13:19:14		-122.360	37.716	2088688.553	6023764.753		2082.854	RS-700	-0.40972308176
11747	9/12/2019 13:19:15		-122.360	37.716	2088690.610	6023762.075		2154.772	RS-700	0.04259150943
11748	9/12/2019 13:19:16		-122.360	37.716	2088692.557	6023759.394		2117.991	RS-700	-0.18873805031
11749	9/12/2019 13:19:17		-122.360	37.716	2088694.505	6023756.655		2040.939	RS-700	-0.67333660377
11750	9/12/2019 13:19:18		-122.360	37.716	2088696.523	6023754.092		2142.767	RS-700	-0.03290918239
11751	9/12/2019 13:19:19		-122.360	37.716	2088698.396	6023751.438		1968.703	RS-700	-1.12765257862
11752	9/12/2019 13:19:20		-122.360	37.716	2088700.235	6023748.727		1971.510	RS-700	-1.11000088050
11753	9/12/2019 13:19:21		-122.360	37.717	2088702.108	6023746.102		1962.607	RS-700	-1.16599188679
11754	9/12/2019 13:19:22		-122.360	37.717	2088704.016	6023743.565		2088.272	RS-700	-0.37565075472
11755	9/12/2019 13:19:23		-122.360	37.717	2088706.066	6023741.176		1991.317	RS-700	-0.98542874214
11756	9/12/2019 13:19:24		-122.360	37.717	2088708.228	6023738.702		1956.707	RS-700	-1.20310056604
11757	9/12/2019 13:19:25		-122.360	37.717	2088710.353	6023736.198		2009.522	RS-700	-0.87092962264
11758	9/12/2019 13:19:26		-122.360	37.717	2088712.406	6023733.722		2043.630	RS-700	-0.65641389937
11759	9/12/2019 13:19:27		-122.360	37.717	2088714.458	6023731.217		2095.663	RS-700	-0.32916616352
11760	9/12/2019 13:19:28		-122.360	37.717	2088716.511	6023728.741		2117.765	RS-700	-0.19015805031
11761	9/12/2019 13:19:29		-122.360	37.717	2088718.451	6023726.378		2057.636	RS-700	-0.56832754717
11762	9/12/2019 13:19:30		-122.360	37.717	2088720.500	6023724.104		1976.316	RS-700	-1.07977610063
11763	9/12/2019 13:19:31		-122.360	37.717	2088722.550	6023721.715		2148.234	RS-700	0.00147257862
11764	9/12/2019 13:19:32		-122.360	37.717	2088724.672	6023719.385		2023.730	RS-700	-0.78157515723
11765	9/12/2019 13:19:33		-122.360	37.717	2088726.756	6023717.141		2097.859	RS-700	-0.31535427673
11766	9/12/2019 13:19:34		-122.360	37.717	2088728.517	6023714.659		2067.345	RS-700	-0.50726641509
11767	9/12/2019 13:19:35		-122.360	37.717	2088729.811	6023711.878		2028.524	RS-700	-0.75141849057
11768	9/12/2019 13:19:36		-122.360	37.717	2088731.288	6023709.014		1978.710	RS-700	-1.06471880503
11769	9/12/2019 13:19:37		-122.360	37.717	2088732.837	6023706.239		1770.548	RS-700	-2.37391320755
11770	9/12/2019 13:19:38		-122.360	37.717	2088734.454	6023703.667		1504.390	RS-700	-4.04786201258
11771	9/12/2019 13:19:39		-122.360	37.717	2088735.997	6023701.123		2021.626	RS-700	-0.79480371069
11772	9/12/2019 13:19:40		-122.360	37.717	2088737.466	6023698.693		1754.632	RS-700	-2.47401459119

Gamma Scan Survey Results
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SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
11773	9/12/2019 13:19:41		-122.360	37.717	2088738.832	6023695.914		1218.319	RS-700	-5.84704792453
11774	9/12/2019 13:19:42		-122.360	37.717	2088740.298	6023693.658		1182.184	RS-700	-6.07431358491
11775	9/12/2019 13:19:43		-122.360	37.717	2088741.357	6023691.654		1375.360	RS-700	-4.85937377358
11776	9/12/2019 13:19:44		-122.360	37.717	2088741.942	6023689.698		1785.463	RS-700	-2.28010446541
11777	9/12/2019 13:19:45		-122.360	37.717	2088744.564	6023687.870		1994.819	RS-700	-0.96340213837
11778	9/12/2019 13:19:46		-122.360	37.717	2088746.391	6023685.736		1986.025	RS-700	-1.01870911950
11779	9/12/2019 13:19:47		-122.360	37.717	2088747.854	6023683.596		1976.403	RS-700	-1.07922704403
11780	9/12/2019 13:19:48		-122.360	37.717	2088750.880	6023681.602		2107.666	RS-700	-0.25367163522
11781	9/12/2019 13:19:49		-122.360	37.717	2088753.144	6023679.477		1984.918	RS-700	-1.02567025157
11782	9/12/2019 13:19:50		-122.360	37.717	2088755.192	6023677.232		2075.634	RS-700	-0.45513352201
11783	9/12/2019 13:19:51		-122.360	37.717	2088757.132	6023674.869		2006.419	RS-700	-0.89044666667
11784	9/12/2019 13:19:52		-122.360	37.717	2088758.964	6023672.505		2013.325	RS-700	-0.84701352201
11785	9/12/2019 13:19:53		-122.360	37.717	2088761.372	6023670.441		1967.623	RS-700	-1.13444647799
11786	9/12/2019 13:19:54		-122.360	37.717	2088763.882	6023668.755		2006.817	RS-700	-0.88794031447
11787	9/12/2019 13:19:55		-122.360	37.717	2088766.325	6023666.778		1955.507	RS-700	-1.21064528302
11788	9/12/2019 13:19:56		-122.360	37.717	2088768.625	6023664.654		1978.413	RS-700	-1.06658792453
11789	9/12/2019 13:19:57		-122.360	37.717	2088770.783	6023662.353		2038.036	RS-700	-0.69159930818
11790	9/12/2019 13:19:58		-122.360	37.717	2088772.798	6023659.934		2043.710	RS-700	-0.65590918239
11791	9/12/2019 13:19:59		-122.360	37.717	2088775.100	6023657.724		1988.719	RS-700	-1.00176974843
11792	9/12/2019 13:20:00		-122.360	37.717	2088776.860	6023655.299		1994.707	RS-700	-0.96410647799
11793	9/12/2019 13:20:01		-122.360	37.717	2088778.621	6023652.818		2013.829	RS-700	-0.84384050315
11794	9/12/2019 13:20:02		-122.360	37.717	2088780.128	6023650.302		2104.470	RS-700	-0.27377069182
11795	9/12/2019 13:20:03		-122.360	37.717	2088781.454	6023647.695		1999.911	RS-700	-0.93137522013
11796	9/12/2019 13:20:04		-122.360	37.717	2088783.109	6023645.067		2028.132	RS-700	-0.75388515723
11797	9/12/2019 13:20:05		-122.360	37.717	2088785.054	6023642.501		2028.728	RS-700	-0.75013918239
11798	9/12/2019 13:20:06		-122.360	37.717	2088786.815	6023640.020		2090.627	RS-700	-0.36083628931
11799	9/12/2019 13:20:07		-122.360	37.717	2088788.579	6023637.393		1975.514	RS-700	-1.08481924528
11800	9/12/2019 13:20:08		-122.360	37.717	2088790.491	6023634.625		2011.726	RS-700	-0.85706666667
11801	9/12/2019 13:20:09		-122.360	37.717	2088792.291	6023631.999		1955.895	RS-700	-1.20820823899
11802	9/12/2019 13:20:10		-122.360	37.717	2088794.092	6023629.344		2045.838	RS-700	-0.64252830189
11803	9/12/2019 13:20:11		-122.360	37.717	2088795.969	6023626.546		1993.921	RS-700	-0.96904754717
11804	9/12/2019 13:20:12		-122.360	37.717	2088797.773	6023623.718		1918.785	RS-700	-1.44160610063
11805	9/12/2019 13:20:13		-122.360	37.717	2088799.614	6023620.891		1962.410	RS-700	-1.16723327044
11806	9/12/2019 13:20:14		-122.360	37.717	2088801.489	6023618.150		2005.510	RS-700	-0.89616044025
11807	9/12/2019 13:20:15		-122.360	37.717	2088803.434	6023615.585		1942.406	RS-700	-1.29304647799
11808	9/12/2019 13:20:16		-122.360	37.717	2088805.345	6023612.875		1963.903	RS-700	-1.15784169811
11809	9/12/2019 13:20:17		-122.360	37.717	2088807.148	6023610.134		1994.516	RS-700	-0.96530534591
11810	9/12/2019 13:20:18		-122.360	37.717	2088808.950	6023607.421		2028.632	RS-700	-0.75074201258
11811	9/12/2019 13:20:19		-122.360	37.717	2088810.898	6023604.682		2104.651	RS-700	-0.27263440252
11812	9/12/2019 13:20:20		-122.360	37.717	2088813.062	6023602.093		2002.727	RS-700	-0.91366358491
11813	9/12/2019 13:20:21		-122.360	37.717	2088815.334	6023599.534		2021.526	RS-700	-0.79543320755
11814	9/12/2019 13:20:22		-122.360	37.717	2088817.572	6023596.888		2018.416	RS-700	-0.81499194969
11815	9/12/2019 13:20:23		-122.360	37.717	2088819.922	6023594.100		2100.757	RS-700	-0.29712270440
11816	9/12/2019 13:20:24		-122.360	37.717	2088822.200	6023591.281		2026.828	RS-700	-0.76208874214
11817	9/12/2019 13:20:25		-122.360	37.717	2088824.329	6023588.604		2066.541	RS-700	-0.51232050315
11818	9/12/2019 13:20:26		-122.360	37.717	2088826.314	6023585.808		2118.871	RS-700	-0.18320389937
11819	9/12/2019 13:20:27		-122.360	37.717	2088828.262	6023583.127		2094.544	RS-700	-0.33620018868
11820	9/12/2019 13:20:28		-122.360	37.717	2088830.246	6023580.418		2033.213	RS-700	-0.72193025157
11821	9/12/2019 13:20:29		-122.360	37.717	2088832.194	6023577.680		2156.102	RS-700	0.05095723270
11822	9/12/2019 13:20:30		-122.360	37.717	2088834.395	6023575.033		2033.847	RS-700	-0.71794308176
11823	9/12/2019 13:20:31		-122.360	37.717	2088836.345	6023572.208		2158.209	RS-700	0.06420786164
11824	9/12/2019 13:20:32		-122.360	37.717	2088838.189	6023569.235		2152.993	RS-700	0.03140100629
11825	9/12/2019 13:20:33		-122.360	37.717	2088839.851	6023566.231		2097.958	RS-700	-0.31473176101
11826	9/12/2019 13:20:34		-122.360	37.717	2088841.547	6023563.343		1666.008	RS-700	-3.03139622642
11827	9/12/2019 13:20:35		-122.360	37.717	2088843.785	6023560.696		2154.895	RS-700	0.04336729560
11828	9/12/2019 13:20:36		-122.360	37.717	2088846.094	6023558.139		2044.959	RS-700	-0.64805515723
11829	9/12/2019 13:20:37		-122.361	37.717	2088848.295	6023555.521		1264.508	RS-700	-5.55655050314
11830	9/12/2019 13:20:38		-122.361	37.717	2088850.389	6023552.756		1238.134	RS-700	-5.72242842767
11831	9/12/2019 13:20:39		-122.361	37.717	2088852.190	6023550.073		1987.817	RS-700	-1.00744000000
11832	9/12/2019 13:20:40		-122.361	37.717	2088853.413	6023547.204		2091.956	RS-700	-0.35247572327
11833	9/12/2019 13:20:41		-122.361	37.717	2088855.108	6023544.373		2072.058	RS-700	-0.47762006289

Gamma Scan Survey Results
Survey Unit 4 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
11834	9/12/2019 13:20:42		-122.361	37.717	2088856.984	6023541.633		2113.088	RS-700	-0.21957540881
11835	9/12/2019 13:20:43		-122.361	37.717	2088859.292	6023539.076		1971.511	RS-700	-1.10999163522
11836	9/12/2019 13:20:44		-122.361	37.717	2088861.709	6023536.607		1927.900	RS-700	-1.38427433962
11837	9/12/2019 13:20:45		-122.361	37.717	2088863.945	6023534.018		1945.799	RS-700	-1.27170490566
11838	9/12/2019 13:20:46		-122.361	37.717	2088866.035	6023531.514		1961.893	RS-700	-1.17048213836
11839	9/12/2019 13:20:47		-122.361	37.717	2088868.015	6023529.008		1992.204	RS-700	-0.97984616352
11840	9/12/2019 13:20:48		-122.361	37.717	2088870.175	6023526.591		2025.635	RS-700	-0.76959018868
11841	9/12/2019 13:20:49		-122.361	37.717	2088872.335	6023524.175		1986.013	RS-700	-1.01878396226
11842	9/12/2019 13:20:50		-122.361	37.717	2088874.387	6023521.728		2082.848	RS-700	-0.40976044025
11843	9/12/2019 13:20:51		-122.361	37.717	2088876.106	6023519.506		2111.087	RS-700	-0.23215779874
11844	9/12/2019 13:20:52		-122.361	37.717	2088877.413	6023517.912		1949.908	RS-700	-1.24586056604
11845	9/12/2019 13:20:53		-122.361	37.717	2088878.054	6023516.796		1835.292	RS-700	-1.96671566038
11846	9/12/2019 13:20:54		-122.361	37.717	2088879.431	6023515.319		1974.199	RS-700	-1.09309056604
11847	9/12/2019 13:20:55		-122.361	37.717	2088880.639	6023513.173		2114.766	RS-700	-0.20902100629
11848	9/12/2019 13:20:56		-122.361	37.717	2088882.320	6023511.066		2043.942	RS-700	-0.65445308176
11849	9/12/2019 13:20:57		-122.361	37.717	2088884.043	6023508.641		2141.876	RS-700	-0.03851446541
11850	9/12/2019 13:20:58		-122.361	37.717	2088885.914	6023506.132		2195.005	RS-700	0.29562786164
11851	9/12/2019 13:20:59		-122.361	37.717	2088887.820	6023503.682		2277.275	RS-700	0.81305050315
11852	9/12/2019 13:21:00		-122.361	37.717	2088889.429	6023501.544		2170.885	RS-700	0.14393283019
11853	9/12/2019 13:21:01		-122.361	37.717	2088890.589	6023499.947		2205.233	RS-700	0.35995849057
11854	9/12/2019 13:21:02		-122.361	37.717	2088891.375	6023498.893		2235.138	RS-700	0.54803817610
11855	9/12/2019 13:21:03		-122.361	37.717	2088891.824	6023498.294		2140.772	RS-700	-0.04545937107
11856	9/12/2019 13:21:04		-122.361	37.717	2088892.312	6023497.580		2143.881	RS-700	-0.02590415094
11857	9/12/2019 13:21:05		-122.361	37.717	2088893.202	6023496.759		2184.796	RS-700	0.23142415094
11858	9/12/2019 13:21:06		-122.361	37.717	2088894.092	6023495.967		2235.576	RS-700	0.55079496855
11859	9/12/2019 13:21:07		-122.361	37.717	2088896.061	6023494.039		2166.088	RS-700	0.11375981132
11860	9/12/2019 13:21:08		-122.361	37.717	2088898.000	6023491.763		2153.903	RS-700	0.03712566038
11861	9/12/2019 13:21:09		-122.361	37.717	2088899.762	6023489.223		2165.642	RS-700	0.11095622642
11862	9/12/2019 13:21:10		-122.361	37.717	2088901.184	6023487.284		2173.220	RS-700	0.15861522013
11863	9/12/2019 13:21:11		-122.361	37.717	2088901.934	6023486.229		2191.228	RS-700	0.27187352201
11864	9/12/2019 13:21:12		-122.361	37.717	2088901.596	6023486.743		2119.548	RS-700	-0.17894031447
11865	9/12/2019 13:21:13		-122.361	37.717	2088901.520	6023486.886		2178.560	RS-700	0.19220000000
11866	9/12/2019 13:21:14		-122.361	37.717	2088901.521	6023486.857		2150.197	RS-700	0.01381767296
11867	9/12/2019 13:21:15		-122.361	37.717	2088901.558	6023486.800		2055.947	RS-700	-0.57894691824
11868	9/12/2019 13:21:16		-122.361	37.717	2088901.558	6023486.800		2176.876	RS-700	0.18161157233
11869	9/12/2019 13:21:17		-122.361	37.717	2088901.558	6023486.800		2212.127	RS-700	0.40331477987
11870	9/12/2019 13:21:18		-122.361	37.717	2088901.558	6023486.800		2247.572	RS-700	0.62624075472
11871	9/12/2019 13:21:19		-122.361	37.717	2088901.522	6023486.799		2209.684	RS-700	0.38794987421
11872	9/12/2019 13:21:20		-122.361	37.717	2088901.522	6023486.799		2123.390	RS-700	-0.15477861635
11873	9/12/2019 13:21:21		-122.361	37.717	2088901.634	6023486.657		2310.490	RS-700	1.02195006289
11874	9/12/2019 13:21:22		-122.361	37.717	2088902.868	6023485.032		2101.965	RS-700	-0.28952610063
11875	9/12/2019 13:21:23		-122.361	37.717	2088904.669	6023482.377		2150.096	RS-700	0.01318396226
11876	9/12/2019 13:21:24		-122.361	37.717	2088906.406	6023479.287		2132.766	RS-700	-0.09581396226
11877	9/12/2019 13:21:25		-122.361	37.717	2088908.183	6023475.996		2108.651	RS-700	-0.24747584906
11878	9/12/2019 13:21:26		-122.361	37.717	2088909.852	6023472.615		2147.985	RS-700	-0.00009459119
11879	9/12/2019 13:21:27		-122.361	37.717	2088911.445	6023469.464		2127.448	RS-700	-0.12926056604
11880	9/12/2019 13:21:28		-122.361	37.717	2088912.709	6023466.336		2192.443	RS-700	0.27951308176
11881	9/12/2019 13:21:29		-122.361	37.717	2088913.867	6023463.032		2156.205	RS-700	0.05160408805
11882	9/12/2019 13:21:30		-122.361	37.717	2088914.770	6023459.723		2264.927	RS-700	0.73539081761
11883	9/12/2019 13:21:31		-122.361	37.717	2088915.599	6023456.499		2245.694	RS-700	0.61443050315
11884	9/12/2019 13:21:32		-122.361	37.717	2088916.573	6023453.336		2180.001	RS-700	0.20126477987
11885	9/12/2019 13:21:33		-122.361	37.717	2088917.689	6023450.321		2179.786	RS-700	0.19991327044
11886	9/12/2019 13:21:34		-122.361	37.717	2088918.771	6023447.189		2223.133	RS-700	0.47253496855
11887	9/12/2019 13:21:35		-122.361	37.717	2088919.816	6023444.056		2294.513	RS-700	0.92146371069
11888	9/12/2019 13:21:36		-122.361	37.717	2088920.924	6023441.475		2205.901	RS-700	0.36415748428
11889	9/12/2019 13:21:37		-122.361	37.717	2088922.005	6023438.372		2191.566	RS-700	0.27399899371
11890	9/12/2019 13:21:38		-122.361	37.717	2088923.225	6023435.619		2285.037	RS-700	0.86186716981
11891	9/12/2019 13:21:39		-122.361	37.717	2088924.308	6023432.458		2166.101	RS-700	0.11384327044
11892	9/12/2019 13:21:40		-122.361	37.717	2088925.065	6023429.175		2158.557	RS-700	0.06639830189
11893	9/12/2019 13:21:41		-122.361	37.717	2088925.387	6023425.796		2076.154	RS-700	-0.45186169811
11894	9/12/2019 13:21:42		-122.361	37.717	2088925.418	6023422.441		2186.571	RS-700	0.24258547170

Gamma Scan Survey Results
Survey Unit 4 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
11895	9/12/2019 13:21:43		-122.361	37.717	2088925.730	6023419.554		2149.784	RS-700	0.01121974843
11896	9/12/2019 13:21:44		-122.361	37.717	2088926.987	6023416.802		2074.047	RS-700	-0.46511106918
11897	9/12/2019 13:21:45		-122.361	37.717	2088928.244	6023414.021		2223.549	RS-700	0.47515144654
11898	9/12/2019 13:21:46		-122.361	37.717	2088930.042	6023411.482		2133.193	RS-700	-0.09312283019
11899	9/12/2019 13:21:47		-122.361	37.717	2088931.877	6023408.943		2183.785	RS-700	0.22506301887
11900	9/12/2019 13:21:48		-122.361	37.717	2088933.713	6023406.376		2184.685	RS-700	0.23072503145
11901	9/12/2019 13:21:49		-122.361	37.717	2088935.115	6023403.656		2049.046	RS-700	-0.62235000000
11902	9/12/2019 13:21:50		-122.361	37.717	2088936.260	6023401.017		1761.593	RS-700	-2.43022968553
11903	9/12/2019 13:21:51		-122.361	37.717	2088937.943	6023398.794		1757.868	RS-700	-2.45366000000
11904	9/12/2019 13:21:52		-122.361	37.717	2088940.094	6023396.811		1729.583	RS-700	-2.63155182390
11905	9/12/2019 13:21:53		-122.361	37.717	2088942.503	6023394.747		2127.490	RS-700	-0.12899207547
11906	9/12/2019 13:21:54		-122.361	37.717	2088944.771	6023392.420		2119.761	RS-700	-0.17760100629
11907	9/12/2019 13:21:55		-122.361	37.717	2088946.859	6023389.974		2102.997	RS-700	-0.28303685535
11908	9/12/2019 13:21:56		-122.361	37.717	2088949.091	6023387.588		2110.389	RS-700	-0.23654477987
11909	9/12/2019 13:21:57		-122.361	37.717	2088951.399	6023385.088		2158.668	RS-700	0.06709138365
11910	9/12/2019 13:21:58		-122.361	37.717	2088953.708	6023382.501		2177.673	RS-700	0.18662100629
11911	9/12/2019 13:21:59		-122.361	37.717	2088955.943	6023380.029		2067.631	RS-700	-0.50546283019
11912	9/12/2019 13:22:00		-122.361	37.717	2088958.141	6023377.527		2010.928	RS-700	-0.86209006289
11913	9/12/2019 13:22:01		-122.361	37.717	2088960.451	6023374.940		2083.048	RS-700	-0.40850169811
11914	9/12/2019 13:22:02		-122.361	37.717	2088962.684	6023372.525		2149.670	RS-700	0.01050572327
11915	9/12/2019 13:22:03		-122.361	37.717	2088965.178	6023369.826		2093.871	RS-700	-0.34043188679
11916	9/12/2019 13:22:04		-122.361	37.717	2088967.525	6023367.183		2141.338	RS-700	-0.04189761006
11917	9/12/2019 13:22:05		-122.361	37.717	2088969.800	6023364.451		2082.861	RS-700	-0.40967622642
11918	9/12/2019 13:22:06		-122.361	37.717	2088972.218	6023361.895		2102.232	RS-700	-0.28784918239
11919	9/12/2019 13:22:07		-122.361	37.717	2088974.490	6023359.394		2150.665	RS-700	0.01676150943
11920	9/12/2019 13:22:08		-122.361	37.717	2088976.725	6023356.893		2111.755	RS-700	-0.22795459120
11921	9/12/2019 13:22:09		-122.361	37.717	2088979.068	6023354.451		2062.637	RS-700	-0.53687408805
11922	9/12/2019 13:22:10		-122.361	37.717	2088981.230	6023351.920		2008.826	RS-700	-0.87530937107
11923	9/12/2019 13:22:11		-122.361	37.717	2088983.180	6023349.123		2166.888	RS-700	0.11879352201
11924	9/12/2019 13:22:12		-122.361	37.717	2088985.381	6023346.476		2164.774	RS-700	0.10549440252
11925	9/12/2019 13:22:13		-122.361	37.717	2088987.763	6023343.920		2191.094	RS-700	0.27102949686
11926	9/12/2019 13:22:14		-122.361	37.717	2088989.965	6023341.216		2218.117	RS-700	0.44099037736
11927	9/12/2019 13:22:15		-122.361	37.717	2088992.279	6023338.397		2208.799	RS-700	0.38238283019
11928	9/12/2019 13:22:16		-122.361	37.717	2088994.556	6023335.637		2154.791	RS-700	0.04270893082
11929	9/12/2019 13:22:17		-122.361	37.717	2088996.472	6023332.666		2024.830	RS-700	-0.77465106918
11930	9/12/2019 13:22:18		-122.361	37.717	2088998.424	6023329.754		2081.429	RS-700	-0.41868452830
11931	9/12/2019 13:22:19		-122.361	37.717	2089000.514	6023327.192		2118.645	RS-700	-0.18462176101
11932	9/12/2019 13:22:20		-122.361	37.717	2089002.491	6023324.859		2151.781	RS-700	0.02377767296
11933	9/12/2019 13:22:21		-122.361	37.717	2089004.431	6023322.525		2153.681	RS-700	0.03572811321
11934	9/12/2019 13:22:22		-122.361	37.717	2089006.853	6023319.767		2076.642	RS-700	-0.44879452830
11935	9/12/2019 13:22:23		-122.361	37.717	2089009.277	6023316.951		2054.253	RS-700	-0.58960515723
11936	9/12/2019 13:22:24		-122.361	37.717	2089011.628	6023314.105		1972.613	RS-700	-1.10306490566
11937	9/12/2019 13:22:25		-122.361	37.717	2089013.904	6023311.344		1993.519	RS-700	-0.97157610063
11938	9/12/2019 13:22:26		-122.361	37.717	2089016.146	6023308.466		2025.438	RS-700	-0.77082823899
11939	9/12/2019 13:22:27		-122.361	37.717	2089018.461	6023305.620		1993.428	RS-700	-0.97214842767
11940	9/12/2019 13:22:28		-122.361	37.717	2089020.667	6023302.741		2007.723	RS-700	-0.88224817610
11941	9/12/2019 13:22:29		-122.361	37.717	2089022.946	6023299.836		2098.758	RS-700	-0.30970100629
11942	9/12/2019 13:22:30		-122.361	37.717	2089025.336	6023296.875		2034.716	RS-700	-0.71247779874
11943	9/12/2019 13:22:31		-122.361	37.717	2089027.723	6023294.029		2028.832	RS-700	-0.74948729560
11944	9/12/2019 13:22:32		-122.361	37.717	2089030.180	6023291.387		2124.656	RS-700	-0.14681515723
11945	9/12/2019 13:22:33		-122.361	37.717	2089032.847	6023289.126		1971.809	RS-700	-1.10811691824
11946	9/12/2019 13:22:34		-122.361	37.717	2089035.587	6023286.866		2049.837	RS-700	-0.61737987421
11947	9/12/2019 13:22:35		-122.361	37.717	2089038.218	6023284.604		2076.971	RS-700	-0.44672289308
11948	9/12/2019 13:22:36		-122.361	37.717	2089040.812	6023282.312		2074.635	RS-700	-0.46141283019
11949	9/12/2019 13:22:37		-122.361	37.717	2089043.158	6023279.755		2094.858	RS-700	-0.33422389937
11950	9/12/2019 13:22:38		-122.361	37.717	2089045.322	6023277.166		2131.564	RS-700	-0.10337238994
11951	9/12/2019 13:22:39		-122.361	37.717	2089047.450	6023274.518		1866.519	RS-700	-1.77031773585
11952	9/12/2019 13:22:40		-122.361	37.717	2089049.865	6023272.106		1864.109	RS-700	-1.78547616352
11953	9/12/2019 13:22:41		-122.362	37.717	2089051.849	6023269.427		2041.632	RS-700	-0.66898012579
11954	9/12/2019 13:22:42		-122.362	37.717	2089053.462	6023267.057		1737.715	RS-700	-2.58040849057
11955	9/12/2019 13:22:43		-122.362	37.717	2089054.829	6023264.221		899.142	RS-700	-7.85445283019

Gamma Scan Survey Results
Survey Unit 4 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
11956	9/12/2019 13:22:44		-122.362	37.717	2089057.036	6023261.314		1552.465	RS-700	-3.74550138365
11957	9/12/2019 13:22:45		-122.362	37.717	2089059.127	6023258.722		2047.243	RS-700	-0.63368949686
11958	9/12/2019 13:22:46		-122.362	37.717	2089061.002	6023256.011		2018.929	RS-700	-0.81176452830
11959	9/12/2019 13:22:47		-122.362	37.717	2089062.773	6023253.009		2093.071	RS-700	-0.34546823899
11960	9/12/2019 13:22:48		-122.362	37.717	2089065.157	6023250.366		2123.662	RS-700	-0.15306993711
11961	9/12/2019 13:22:49		-122.362	37.717	2089067.216	6023247.543		2084.547	RS-700	-0.39907459120
11962	9/12/2019 13:22:50		-122.362	37.717	2089069.674	6023244.785		2087.959	RS-700	-0.37761566038
11963	9/12/2019 13:22:51		-122.362	37.717	2089071.952	6023241.967		2173.996	RS-700	0.16349798742
11964	9/12/2019 13:22:52		-122.362	37.717	2089073.977	6023239.027		2039.538	RS-700	-0.68214955975
11965	9/12/2019 13:22:53		-122.362	37.718	2089076.003	6023236.030		2223.910	RS-700	0.47742427673
11966	9/12/2019 13:22:54		-122.362	37.718	2089078.070	6023232.860		2227.132	RS-700	0.49768540881
11967	9/12/2019 13:22:55		-122.362	37.718	2089079.989	6023229.715		2593.316	RS-700	1.16514956012
11968	9/12/2019 13:22:56		-122.362	37.718	2089081.685	6023226.885		2287.701	RS-700	0.26891791789
11969	9/12/2019 13:22:57		-122.362	37.718	2089083.225	6023224.515		1575.329	RS-700	-1.82014894428
11970	9/12/2019 13:22:58		-122.362	37.718	2089084.282	6023222.626		1856.482	RS-700	-0.99565325513
11971	9/12/2019 13:22:59		-122.362	37.718	2089085.642	6023220.194		2502.015	RS-700	0.89740337243
11972	9/12/2019 13:23:00		-122.362	37.718	2089087.667	6023217.226		2260.583	RS-700	0.18939167155
11973	9/12/2019 13:23:01		-122.362	37.718	2089090.072	6023213.542		2178.898	RS-700	-0.05015173021
11974	9/12/2019 13:23:02		-122.362	37.718	2089092.663	6023209.601		2235.803	RS-700	0.55221823899
11975	9/12/2019 13:23:03		-122.362	37.718	2089095.639	6023206.478		2140.447	RS-700	-0.04750283019
11976	9/12/2019 13:23:04		-122.362	37.718	2089098.250	6023203.347		2208.242	RS-700	0.37888056604
11977	9/12/2019 13:23:05		-122.362	37.718	2089100.576	6023199.922		2141.214	RS-700	-0.04268094340
11978	9/12/2019 13:23:06		-122.362	37.718	2089102.724	6023196.290		2157.780	RS-700	0.06150691824
11979	9/12/2019 13:23:07		-122.362	37.718	2089104.652	6023192.742		2141.880	RS-700	-0.03848849057
11980	9/12/2019 13:23:08		-122.362	37.718	2089106.581	6023189.164		2182.892	RS-700	0.21944408805
11981	9/12/2019 13:23:09		-122.362	37.718	2089108.437	6023185.584		2219.132	RS-700	0.44736943396
11982	9/12/2019 13:23:10		-122.362	37.718	2089110.107	6023182.175		2230.131	RS-700	0.51654698113
11983	9/12/2019 13:23:11		-122.362	37.718	2089111.703	6023178.851		2200.901	RS-700	0.33271270440
11984	9/12/2019 13:23:12		-122.362	37.718	2089113.442	6023175.645		2149.879	RS-700	0.01181830189
11985	9/12/2019 13:23:13		-122.362	37.718	2089115.506	6023172.591		2134.969	RS-700	-0.08195295597
11986	9/12/2019 13:23:14		-122.362	37.718	2089117.750	6023169.627		2244.809	RS-700	0.60886006289
11987	9/12/2019 13:23:15		-122.362	37.718	2089120.178	6023166.550		2171.454	RS-700	0.14750886793
11988	9/12/2019 13:23:16		-122.362	37.718	2089122.463	6023163.385		2228.138	RS-700	0.50401006289
11989	9/12/2019 13:23:17		-122.362	37.718	2089124.788	6023160.017		2210.903	RS-700	0.39561396226
11990	9/12/2019 13:23:18		-122.362	37.718	2089126.965	6023156.762		2169.560	RS-700	0.13559849057
11991	9/12/2019 13:23:19		-122.362	37.718	2089129.141	6023153.565		2303.065	RS-700	0.97524924528
11992	9/12/2019 13:23:20		-122.362	37.718	2089131.355	6023150.254		2294.940	RS-700	0.92414968554
11993	9/12/2019 13:23:21		-122.362	37.718	2089133.642	6023147.001		2231.796	RS-700	0.52701672956
11994	9/12/2019 13:23:22		-122.362	37.718	2089135.852	6023143.921		2261.806	RS-700	0.71576100629
11995	9/12/2019 13:23:23		-122.362	37.718	2089138.062	6023140.811		2168.781	RS-700	0.13069496855
11996	9/12/2019 13:23:24		-122.362	37.718	2089140.201	6023137.643		2292.827	RS-700	0.91086025157
11997	9/12/2019 13:23:25		-122.362	37.718	2089142.341	6023134.416		2325.719	RS-700	1.11773207547
11998	9/12/2019 13:23:26		-122.362	37.718	2089144.481	6023131.218		2216.802	RS-700	0.43271383648
11999	9/12/2019 13:23:27		-122.362	37.718	2089146.402	6023128.016		2206.897	RS-700	0.37042433962
12000	9/12/2019 13:23:28		-122.362	37.718	2089148.359	6023124.844		2172.780	RS-700	0.15584742138
12001	9/12/2019 13:23:29		-122.362	37.718	2089150.499	6023121.589		2269.384	RS-700	0.76342232704
12002	9/12/2019 13:23:30		-122.362	37.718	2089153.113	6023118.343		2186.111	RS-700	0.23969421384
12003	9/12/2019 13:23:31		-122.362	37.718	2089156.010	6023115.507		2198.903	RS-700	0.32014616352
12004	9/12/2019 13:23:32		-122.362	37.718	2089158.727	6023112.610		2364.851	RS-700	1.36384025157
12005	9/12/2019 13:23:33		-122.362	37.718	2089161.190	6023109.622		2265.163	RS-700	0.73687371069
12006	9/12/2019 13:23:34		-122.362	37.718	2089163.510	6023106.515		2296.498	RS-700	0.93394905660
12007	9/12/2019 13:23:35		-122.362	37.718	2089165.757	6023103.377		2259.587	RS-700	0.70180496855
12008	9/12/2019 13:23:36		-122.362	37.718	2089167.820	6023100.351		2295.821	RS-700	0.92969465409
12009	9/12/2019 13:23:37		-122.362	37.718	2089169.814	6023097.151		2220.024	RS-700	0.45298371069
12010	9/12/2019 13:23:38		-122.362	37.718	2089171.989	6023094.012		2156.672	RS-700	0.05454132075
12011	9/12/2019 13:23:39		-122.362	37.718	2089174.454	6023090.937		2283.589	RS-700	0.85275911950
12012	9/12/2019 13:23:40		-122.362	37.718	2089177.100	6023087.923		2173.324	RS-700	0.15927345912
12013	9/12/2019 13:23:41		-122.362	37.718	2089179.746	6023084.880		2460.636	RS-700	1.96626345912
12014	9/12/2019 13:23:42		-122.362	37.718	2089182.285	6023081.748		2357.203	RS-700	1.31574119497
12015	9/12/2019 13:23:43		-122.362	37.718	2089184.790	6023078.471		2293.175	RS-700	0.91304987421
12016	9/12/2019 13:23:44		-122.362	37.718	2089187.258	6023075.222		2329.852	RS-700	1.14372050314

Gamma Scan Survey Results
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SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
12017	9/12/2019 13:23:45		-122.362	37.718	2089189.618	6023071.942		2249.581	RS-700	0.63887238994
12018	9/12/2019 13:23:46		-122.362	37.718	2089191.942	6023068.632		2307.182	RS-700	1.00114704403
12019	9/12/2019 13:23:47		-122.362	37.718	2089194.193	6023065.292		2262.038	RS-700	0.71721930818
12020	9/12/2019 13:23:48		-122.362	37.718	2089196.514	6023062.127		2264.817	RS-700	0.73469540881
12021	9/12/2019 13:23:49		-122.362	37.718	2089198.869	6023059.107		2273.030	RS-700	0.78635132076
12022	9/12/2019 13:23:50		-122.362	37.718	2089201.186	6023056.116		2433.876	RS-700	1.79796150943
12023	9/12/2019 13:23:51		-122.362	37.718	2089203.653	6023052.954		2090.963	RS-700	-0.35872452830
12024	9/12/2019 13:23:52		-122.362	37.718	2089206.265	6023049.823		2201.120	RS-700	0.33408949686
12025	9/12/2019 13:23:53		-122.362	37.718	2089208.947	6023046.781		2138.873	RS-700	-0.05740044025
12026	9/12/2019 13:23:54		-122.362	37.718	2089211.556	6023043.796		2179.784	RS-700	0.19989792453
12027	9/12/2019 13:23:55		-122.362	37.718	2089214.057	6023040.750		2215.463	RS-700	0.42429490566
12028	9/12/2019 13:23:56		-122.362	37.718	2089216.340	6023037.642		2076.673	RS-700	-0.44860037736
12029	9/12/2019 13:23:57		-122.362	37.718	2089218.444	6023034.415		2045.717	RS-700	-0.64328729560
12030	9/12/2019 13:23:58		-122.362	37.718	2089220.691	6023031.306		2214.574	RS-700	0.41870660377
12031	9/12/2019 13:23:59		-122.362	37.718	2089223.118	6023028.288		2177.672	RS-700	0.18661893082
12032	9/12/2019 13:24:00		-122.362	37.718	2089225.545	6023025.269		2207.011	RS-700	0.37114132076
12033	9/12/2019 13:24:01		-122.362	37.718	2089228.082	6023022.253		2179.893	RS-700	0.20058465409
12034	9/12/2019 13:24:02		-122.362	37.718	2089230.654	6023019.267		2059.942	RS-700	-0.55382622642
12035	9/12/2019 13:24:03		-122.362	37.718	2089232.830	6023016.099		2160.993	RS-700	0.08171446541
12036	9/12/2019 13:24:04		-122.362	37.718	2089235.042	6023012.903		2144.570	RS-700	-0.02157138365
12037	9/12/2019 13:24:05		-122.362	37.718	2089237.255	6023009.678		2187.349	RS-700	0.24747647799
12038	9/12/2019 13:24:06		-122.362	37.718	2089239.467	6023006.482		2171.890	RS-700	0.15025333333
12039	9/12/2019 13:24:07		-122.362	37.718	2089241.644	6023003.256		2191.788	RS-700	0.27539698113
12040	9/12/2019 13:24:08		-122.362	37.718	2089243.750	6022999.913		2108.073	RS-700	-0.25111238994
12041	9/12/2019 13:24:09		-122.362	37.718	2089245.856	6022996.570		2201.681	RS-700	0.33761918239
12042	9/12/2019 13:24:10		-122.362	37.718	2089247.999	6022993.199		2141.574	RS-700	-0.04041238994
12043	9/12/2019 13:24:11		-122.362	37.718	2089250.177	6022989.886		2249.142	RS-700	0.63611578616
12044	9/12/2019 13:24:12		-122.362	37.718	2089252.354	6022986.632		2276.157	RS-700	0.80601823899
12045	9/12/2019 13:24:13		-122.363	37.718	2089254.531	6022983.406		2247.030	RS-700	0.62282968554
12046	9/12/2019 13:24:14		-122.363	37.718	2089256.636	6022980.092		2270.715	RS-700	0.77178955975
12047	9/12/2019 13:24:15		-122.363	37.718	2089258.704	6022976.835		2327.413	RS-700	1.12838522013
12048	9/12/2019 13:24:16		-122.363	37.718	2089260.806	6022973.666		2317.134	RS-700	1.06373861635
12049	9/12/2019 13:24:17		-122.363	37.718	2089262.837	6022970.466		2332.721	RS-700	1.16176855346
12050	9/12/2019 13:24:18		-122.363	37.718	2089264.939	6022967.297		2379.091	RS-700	1.45340069182
12051	9/12/2019 13:24:19		-122.363	37.718	2089267.005	6022964.126		2270.591	RS-700	0.77101345912
12052	9/12/2019 13:24:20		-122.363	37.718	2089269.069	6022961.101		2292.700	RS-700	0.91006251572
12053	9/12/2019 13:24:21		-122.363	37.718	2089271.021	6022958.160		2218.141	RS-700	0.44113867925
12054	9/12/2019 13:24:22		-122.363	37.718	2089272.790	6022955.302		2224.140	RS-700	0.47886880503
12055	9/12/2019 13:24:23		-122.363	37.718	2089274.371	6022952.701		2185.897	RS-700	0.23834547170
12056	9/12/2019 13:24:24		-122.363	37.718	2089275.763	6022950.443		2300.594	RS-700	0.95971238994
12057	9/12/2019 13:24:25		-122.363	37.718	2089276.932	6022948.470		2272.703	RS-700	0.78429635220
12058	9/12/2019 13:24:26		-122.363	37.718	2089277.838	6022946.868		2217.567	RS-700	0.43753012579
12059	9/12/2019 13:24:27		-122.363	37.718	2089278.629	6022945.553		2296.401	RS-700	0.93333672956
12060	9/12/2019 13:24:28		-122.363	37.718	2089278.931	6022944.981		2272.587	RS-700	0.78356327044
12061	9/12/2019 13:24:29		-122.363	37.718	2089279.082	6022944.723		2313.295	RS-700	1.03958874214
12062	9/12/2019 13:24:30		-122.363	37.718	2089279.158	6022944.551		2373.964	RS-700	1.42115842767
12063	9/12/2019 13:24:31		-122.363	37.718	2089279.197	6022944.465		2310.023	RS-700	1.01901320755
12064	9/12/2019 13:24:32		-122.363	37.718	2089279.234	6022944.437		2298.188	RS-700	0.94458012579
12065	9/13/2019 7:18:44		-122.360	37.716	2088635.658	6023780.193		2148.191	RS-700	0.00120427673
12066	9/13/2019 7:18:45		-122.360	37.716	2088635.658	6023780.193		2263.037	RS-700	0.72350245283
12067	9/13/2019 7:18:46		-122.360	37.716	2088635.658	6023780.193		2194.110	RS-700	0.28999798742
12068	9/13/2019 7:18:47		-122.360	37.716	2088635.658	6023780.193		2162.772	RS-700	0.09290622642
12069	9/13/2019 7:18:48		-122.360	37.716	2088635.658	6023780.193		2220.792	RS-700	0.45781037736
12070	9/13/2019 7:18:49		-122.360	37.716	2088635.658	6023780.164		2162.983	RS-700	0.09423427673
12071	9/13/2019 7:18:50		-122.360	37.716	2088635.658	6023780.193		2164.091	RS-700	0.10119811321
12072	9/13/2019 7:18:51		-122.360	37.716	2088634.948	6023781.104		2161.659	RS-700	0.08590710692
12073	9/13/2019 7:18:52		-122.360	37.716	2088633.716	6023782.584		2161.768	RS-700	0.08658867925
12074	9/13/2019 7:18:53		-122.360	37.716	2088632.449	6023784.063		2094.527	RS-700	-0.33630861635
12075	9/13/2019 7:18:54		-122.360	37.716	2088631.403	6023785.373		2083.428	RS-700	-0.40611226415
12076	9/13/2019 7:18:55		-122.360	37.716	2088630.058	6023787.054		2137.859	RS-700	-0.06378025157
12077	9/13/2019 7:18:56		-122.360	37.716	2088628.820	6023788.881		2087.635	RS-700	-0.37965125786

Gamma Scan Survey Results
Survey Unit 4 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
12078	9/13/2019 7:18:57		-122.360	37.716	2088627.476	6023790.561		2076.309	RS-700	-0.45088874214
12079	9/13/2019 7:18:58		-122.360	37.716	2088626.245	6023792.012		2075.724	RS-700	-0.45456352201
12080	9/13/2019 7:18:59		-122.360	37.716	2088625.565	6023793.271		2098.038	RS-700	-0.31422584906
12081	9/13/2019 7:19:00		-122.360	37.716	2088625.212	6023794.508		2151.558	RS-700	0.02237886792
12082	9/13/2019 7:19:01		-122.360	37.716	2088625.247	6023794.567		2079.635	RS-700	-0.42996823899
12083	9/13/2019 7:19:02		-122.360	37.716	2088625.215	6023794.364		2151.883	RS-700	0.02442012579
12084	9/13/2019 7:19:03		-122.360	37.716	2088625.232	6023793.496		2091.843	RS-700	-0.35318836478
12085	9/13/2019 7:19:04		-122.360	37.716	2088625.142	6023792.568		2155.200	RS-700	0.04528522013
12086	9/13/2019 7:19:05		-122.360	37.716	2088625.109	6023792.394		2075.154	RS-700	-0.45815062893
12087	9/13/2019 7:19:06		-122.360	37.716	2088625.027	6023792.826		2075.910	RS-700	-0.45339591195
12088	9/13/2019 7:19:07		-122.360	37.716	2088624.974	6023793.664		2144.976	RS-700	-0.01901943396
12089	9/13/2019 7:19:08		-122.360	37.716	2088625.108	6023794.246		2092.640	RS-700	-0.34817446541
12090	9/13/2019 7:19:09		-122.360	37.716	2088625.318	6023794.684		2087.641	RS-700	-0.37961415094
12091	9/13/2019 7:19:10		-122.360	37.716	2088625.601	6023795.094		2099.532	RS-700	-0.30483132076
12092	9/13/2019 7:19:11		-122.360	37.716	2088625.991	6023795.623		2038.030	RS-700	-0.69163729560
12093	9/13/2019 7:19:12		-122.360	37.716	2088626.306	6023796.295		2132.078	RS-700	-0.10013584906
12094	9/13/2019 7:19:13		-122.360	37.716	2088626.507	6023797.138		2186.542	RS-700	0.24240547170
12095	9/13/2019 7:19:14		-122.360	37.716	2088626.492	6023797.918		2037.827	RS-700	-0.69290974843
12096	9/13/2019 7:19:15		-122.360	37.716	2088626.802	6023796.999		2100.482	RS-700	-0.29885383648
12097	9/13/2019 7:19:16		-122.360	37.716	2088627.779	6023795.485		2180.992	RS-700	0.20749465409
12098	9/13/2019 7:19:17		-122.360	37.716	2088628.084	6023794.768		2096.165	RS-700	-0.32600811321
12099	9/13/2019 7:19:18		-122.360	37.716	2088627.550	6023795.972		2094.579	RS-700	-0.33598320755
12100	9/13/2019 7:19:19		-122.360	37.716	2088626.462	6023797.600		2137.653	RS-700	-0.06507427673
12101	9/13/2019 7:19:20		-122.360	37.716	2088625.268	6023799.051		2080.382	RS-700	-0.42526836478
12102	9/13/2019 7:19:21		-122.360	37.716	2088624.220	6023800.448		2102.224	RS-700	-0.28789855346
12103	9/13/2019 7:19:22		-122.360	37.716	2088623.465	6023801.793		2186.106	RS-700	0.23966238994
12104	9/13/2019 7:19:23		-122.360	37.716	2088622.354	6023802.726		2189.777	RS-700	0.26275018868
12105	9/13/2019 7:19:24		-122.360	37.716	2088622.280	6023802.782		2199.779	RS-700	0.32565471698
12106	9/13/2019 7:19:25		-122.360	37.716	2088623.277	6023802.078		2185.999	RS-700	0.23898635220
12107	9/13/2019 7:19:26		-122.360	37.716	2088623.609	6023801.883		2124.765	RS-700	-0.14613138365
12108	9/13/2019 7:19:27		-122.360	37.716	2088623.132	6023802.076		2146.082	RS-700	-0.01206056604
12109	9/13/2019 7:19:28		-122.360	37.716	2088622.762	6023802.358		2150.552	RS-700	0.01605150943
12110	9/13/2019 7:19:29		-122.360	37.716	2088622.132	6023802.895		2200.891	RS-700	0.33264893082
12111	9/13/2019 7:19:30		-122.360	37.716	2088621.216	6023803.195		2180.214	RS-700	0.20260188679
12112	9/13/2019 7:19:31		-122.360	37.716	2088619.900	6023803.429		2205.896	RS-700	0.36412289308
12113	9/13/2019 7:19:32		-122.360	37.716	2088618.406	6023803.486		2210.565	RS-700	0.39349000000
12114	9/13/2019 7:19:33		-122.360	37.716	2088617.088	6023803.807		2144.772	RS-700	-0.02030490566
12115	9/13/2019 7:19:34		-122.360	37.716	2088615.834	6023804.621		2028.719	RS-700	-0.75019452830
12116	9/13/2019 7:19:35		-122.360	37.716	2088615.016	6023805.473		2097.851	RS-700	-0.31540283019
12117	9/13/2019 7:19:36		-122.360	37.716	2088614.410	6023806.618		2038.521	RS-700	-0.68854440252
12118	9/13/2019 7:19:37		-122.360	37.716	2088613.474	6023807.901		2130.868	RS-700	-0.10774836478
12119	9/13/2019 7:19:38		-122.360	37.716	2088612.238	6023809.613		2124.754	RS-700	-0.14619962264
12120	9/13/2019 7:19:39		-122.360	37.716	2088610.892	6023811.379		2238.244	RS-700	0.56757396226
12121	9/13/2019 7:19:40		-122.360	37.716	2088609.583	6023813.118		2155.226	RS-700	0.04544874214
12122	9/13/2019 7:19:41		-122.360	37.716	2088608.382	6023814.888		2137.985	RS-700	-0.06298773585
12123	9/13/2019 7:19:42		-122.360	37.716	2088607.182	6023816.629		2196.559	RS-700	0.30540477987
12124	9/13/2019 7:19:43		-122.360	37.716	2088605.912	6023818.224		2148.763	RS-700	0.00480106918
12125	9/13/2019 7:19:44		-122.360	37.716	2088605.199	6023819.309		2150.091	RS-700	0.01314924528
12126	9/13/2019 7:19:45		-122.360	37.716	2088604.809	6023820.603		2207.795	RS-700	0.37606672956
12127	9/13/2019 7:19:46		-122.360	37.716	2088604.747	6023821.904		2217.788	RS-700	0.43891817610
12128	9/13/2019 7:19:47		-122.360	37.716	2088604.846	6023822.398		2202.775	RS-700	0.34449930818
12129	9/13/2019 7:19:48		-122.360	37.716	2088604.571	6023821.582		2171.450	RS-700	0.14748597484
12130	9/13/2019 7:19:49		-122.360	37.716	2088604.500	6023821.465		2138.551	RS-700	-0.05943025157
12131	9/13/2019 7:19:50		-122.360	37.716	2088604.960	6023822.140		2256.366	RS-700	0.68154597484
12132	9/13/2019 7:19:51		-122.360	37.716	2088605.411	6023823.306		2156.196	RS-700	0.05154515723
12133	9/13/2019 7:19:52		-122.360	37.716	2088605.604	6023824.554		2176.991	RS-700	0.18233427673
12134	9/13/2019 7:19:53		-122.360	37.716	2088605.507	6023825.796		2217.898	RS-700	0.43960735849
12135	9/13/2019 7:19:54		-122.360	37.716	2088604.860	6023827.171		2173.446	RS-700	0.16003578616
12136	9/13/2019 7:19:55		-122.360	37.716	2088603.492	6023828.244		2162.547	RS-700	0.09149050314
12137	9/13/2019 7:19:56		-122.360	37.716	2088601.767	6023828.904		2051.328	RS-700	-0.60800194969
12138	9/13/2019 7:19:57		-122.360	37.716	2088600.370	6023829.541		2130.269	RS-700	-0.11151886793

Gamma Scan Survey Results
Survey Unit 4 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
12139	9/13/2019 7:19:58		-122.360	37.716	2088600.002	6023829.765		2234.216	RS-700	0.54223924528
12140	9/13/2019 7:19:59		-122.360	37.716	2088600.263	6023829.424		2171.904	RS-700	0.15034270440
12141	9/13/2019 7:20:00		-122.360	37.716	2088599.891	6023829.850		2114.284	RS-700	-0.21204937107
12142	9/13/2019 7:20:01		-122.360	37.716	2088598.993	6023831.047		2066.043	RS-700	-0.51545283019
12143	9/13/2019 7:20:02		-122.360	37.716	2088598.049	6023832.707		2091.849	RS-700	-0.35314918239
12144	9/13/2019 7:20:03		-122.360	37.716	2088597.176	6023834.483		2148.996	RS-700	0.00626710692
12145	9/13/2019 7:20:04		-122.360	37.716	2088596.340	6023836.231		2053.821	RS-700	-0.59231949686
12146	9/13/2019 7:20:05		-122.360	37.716	2088595.358	6023838.005		2214.232	RS-700	0.41655597484
12147	9/13/2019 7:20:06		-122.360	37.716	2088594.122	6023839.745		2187.684	RS-700	0.24958289308
12148	9/13/2019 7:20:07		-122.359	37.716	2088592.923	6023841.429		2193.796	RS-700	0.28802672956
12149	9/13/2019 7:20:08		-122.359	37.716	2088591.758	6023843.228		2173.341	RS-700	0.15937584906
12150	9/13/2019 7:20:09		-122.359	37.716	2088590.411	6023845.053		2047.629	RS-700	-0.63126358491
12151	9/13/2019 7:20:10		-122.359	37.716	2088589.101	6023846.821		2077.678	RS-700	-0.44227899371
12152	9/13/2019 7:20:11		-122.359	37.716	2088587.830	6023848.502		2132.295	RS-700	-0.09877270440
12153	9/13/2019 7:20:12		-122.359	37.716	2088586.524	6023850.067		2070.243	RS-700	-0.48903899371
12154	9/13/2019 7:20:13		-122.359	37.716	2088585.079	6023851.312		2137.175	RS-700	-0.06807874214
12155	9/13/2019 7:20:14		-122.359	37.716	2088583.217	6023851.535		2045.917	RS-700	-0.64203264151
12156	9/13/2019 7:20:15		-122.359	37.716	2088582.053	6023851.454		2153.200	RS-700	0.03270672956
12157	9/13/2019 7:20:16		-122.359	37.716	2088580.591	6023851.714		2091.724	RS-700	-0.35393547170
12158	9/13/2019 7:20:17		-122.359	37.716	2088579.188	6023852.699		2136.761	RS-700	-0.07068798742
12159	9/13/2019 7:20:18		-122.359	37.716	2088577.996	6023854.035		2155.873	RS-700	0.04951880503
12160	9/13/2019 7:20:19		-122.359	37.716	2088577.125	6023855.696		2130.290	RS-700	-0.11138446541
12161	9/13/2019 7:20:20		-122.359	37.716	2088576.106	6023857.498		2101.743	RS-700	-0.29092163522
12162	9/13/2019 7:20:21		-122.359	37.716	2088574.695	6023858.859		2086.427	RS-700	-0.38725421384
12163	9/13/2019 7:20:22		-122.359	37.716	2088573.541	6023860.138		2124.959	RS-700	-0.14491207547
12164	9/13/2019 7:20:23		-122.359	37.716	2088572.565	6023861.594		2048.423	RS-700	-0.62627194969
12165	9/13/2019 7:20:24		-122.359	37.716	2088571.478	6023863.134		2163.990	RS-700	0.10056333333
12166	9/13/2019 7:20:25		-122.359	37.716	2088570.209	6023864.700		2012.918	RS-700	-0.84956930818
12167	9/13/2019 7:20:26		-122.359	37.716	2088568.936	6023866.411		2182.555	RS-700	0.21732628931
12168	9/13/2019 7:20:27		-122.359	37.716	2088567.625	6023868.236		2119.652	RS-700	-0.17828842767
12169	9/13/2019 7:20:28		-122.359	37.716	2088566.388	6023870.035		2108.646	RS-700	-0.24750729560
12170	9/13/2019 7:20:29		-122.359	37.716	2088565.226	6023871.689		2185.887	RS-700	0.23828088050
12171	9/13/2019 7:20:30		-122.359	37.716	2088563.992	6023873.314		1981.607	RS-700	-1.04649924528
12172	9/13/2019 7:20:31		-122.359	37.716	2088562.943	6023874.797		2204.882	RS-700	0.35774559748
12173	9/13/2019 7:20:32		-122.359	37.716	2088563.136	6023874.252		2151.119	RS-700	0.01961893082
12174	9/13/2019 7:20:33		-122.359	37.716	2088563.563	6023872.929		2125.540	RS-700	-0.14125654088
12175	9/13/2019 7:20:34		-122.359	37.716	2088563.830	6023872.298		2120.959	RS-700	-0.17006698113
12176	9/13/2019 7:20:35		-122.359	37.716	2088563.792	6023872.384		2146.651	RS-700	-0.00848528302
12177	9/13/2019 7:20:36		-122.359	37.716	2088563.300	6023873.329		2174.885	RS-700	0.16908830189
12178	9/13/2019 7:20:37		-122.359	37.716	2088563.093	6023874.569		2134.761	RS-700	-0.08326729560
12179	9/13/2019 7:20:38		-122.359	37.716	2088563.254	6023875.614		2112.545	RS-700	-0.22298924528
12180	9/13/2019 7:20:39		-122.359	37.716	2088563.121	6023876.797		2127.644	RS-700	-0.12802685535
12181	9/13/2019 7:20:40		-122.359	37.716	2088562.555	6023877.799		2111.962	RS-700	-0.22665257862
12182	9/13/2019 7:20:41		-122.359	37.716	2088561.441	6023878.905		2194.678	RS-700	0.29357031447
12183	9/13/2019 7:20:42		-122.359	37.716	2088560.425	6023880.534		2239.144	RS-700	0.57323157233
12184	9/13/2019 7:20:43		-122.359	37.716	2088559.155	6023882.128		2117.647	RS-700	-0.19089786164
12185	9/13/2019 7:20:44		-122.359	37.716	2088559.044	6023882.242		2160.227	RS-700	0.07689905660
12186	9/13/2019 7:20:45		-122.359	37.716	2088559.792	6023881.215		2132.076	RS-700	-0.10014842767
12187	9/13/2019 7:20:46		-122.359	37.716	2088560.240	6023880.675		2158.661	RS-700	0.06705031447
12188	9/13/2019 7:20:47		-122.359	37.716	2088559.758	6023881.128		2017.121	RS-700	-0.82313559748
12189	9/13/2019 7:20:48		-122.359	37.716	2088559.235	6023881.783		2124.655	RS-700	-0.14682572327
12190	9/13/2019 7:20:49		-122.359	37.716	2088559.075	6023882.503		2154.986	RS-700	0.04393672956
12191	9/13/2019 7:20:50		-122.359	37.716	2088558.729	6023883.393		2207.562	RS-700	0.37460628931
12192	9/13/2019 7:20:51		-122.359	37.716	2088557.985	6023884.217		2168.786	RS-700	0.13072830189
12193	9/13/2019 7:20:52		-122.359	37.716	2088556.875	6023885.092		2141.658	RS-700	-0.03988389937
12194	9/13/2019 7:20:53		-122.359	37.716	2088555.623	6023885.761		2347.416	RS-700	1.25418553459
12195	9/13/2019 7:20:54		-122.359	37.716	2088554.406	6023886.518		2231.791	RS-700	0.52698540881
12196	9/13/2019 7:20:55		-122.359	37.716	2088553.358	6023887.944		2148.747	RS-700	0.00469817610
12197	9/13/2019 7:20:56		-122.359	37.716	2088552.889	6023889.555		2144.965	RS-700	-0.01908773585
12198	9/13/2019 7:20:57		-122.359	37.716	2088552.850	6023889.670		2183.672	RS-700	0.22435433962
12199	9/13/2019 7:20:58		-122.359	37.716	2088552.519	6023888.014		2191.881	RS-700	0.27598176101

Gamma Scan Survey Results
Survey Unit 4 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
12200	9/13/2019 7:20:59		-122.359	37.716	2088552.455	6023887.579		2130.863	RS-700	-0.10778238994
12201	9/13/2019 7:21:00		-122.359	37.716	2088552.442	6023888.215		2183.230	RS-700	0.22157132076
12202	9/13/2019 7:21:01		-122.359	37.716	2088552.501	6023888.911		2274.798	RS-700	0.79746893082
12203	9/13/2019 7:21:02		-122.359	37.716	2088552.783	6023889.408		2193.984	RS-700	0.28920635220
12204	9/13/2019 7:21:03		-122.359	37.716	2088552.891	6023889.468		2235.455	RS-700	0.55003402516
12205	9/13/2019 7:21:04		-122.359	37.716	2088553.212	6023889.793		2247.140	RS-700	0.62351893082
12206	9/13/2019 7:21:05		-122.359	37.716	2088553.705	6023890.670		2159.195	RS-700	0.07040704403
12207	9/13/2019 7:21:06		-122.359	37.716	2088554.010	6023891.776		2136.069	RS-700	-0.07503635220
12208	9/13/2019 7:21:07		-122.359	37.716	2088553.879	6023892.873		2144.082	RS-700	-0.02463849057
12209	9/13/2019 7:21:08		-122.359	37.716	2088554.223	6023892.098		2233.896	RS-700	0.54022905660
12210	9/13/2019 7:21:09		-122.359	37.716	2088555.091	6023890.553		2200.015	RS-700	0.32713742138
12211	9/13/2019 7:21:10		-122.359	37.716	2088555.354	6023890.154		2333.181	RS-700	1.16466132075
12212	9/13/2019 7:21:11		-122.359	37.716	2088554.675	6023891.326		2221.342	RS-700	0.46127144654
12213	9/13/2019 7:21:12		-122.359	37.716	2088553.770	6023892.871		2185.997	RS-700	0.23897754717
12214	9/13/2019 7:21:13		-122.359	37.716	2088552.574	6023894.438		2236.688	RS-700	0.55778522013
12215	9/13/2019 7:21:14		-122.359	37.716	2088551.452	6023895.920		2088.037	RS-700	-0.37712698113
12216	9/13/2019 7:21:15		-122.359	37.716	2088550.475	6023897.405		2158.739	RS-700	0.06753987421
12217	9/13/2019 7:21:16		-122.359	37.716	2088549.398	6023898.454		2168.663	RS-700	0.12995867925
12218	9/13/2019 7:21:17		-122.359	37.716	2088548.188	6023898.893		2255.298	RS-700	0.67482748428
12219	9/13/2019 7:21:18		-122.359	37.716	2088546.840	6023898.924		2282.927	RS-700	0.84859987421
12220	9/13/2019 7:21:19		-122.359	37.716	2088545.676	6023898.843		2225.231	RS-700	0.48573176101
12221	9/13/2019 7:21:20		-122.359	37.716	2088544.470	6023899.051		2286.699	RS-700	0.87231880503
12222	9/13/2019 7:21:21		-122.359	37.716	2088543.070	6023899.833		2257.030	RS-700	0.68572408805
12223	9/13/2019 7:21:22		-122.359	37.716	2088542.099	6023901.086		2257.805	RS-700	0.69059509434
12224	9/13/2019 7:21:23		-122.359	37.716	2088541.120	6023902.658		2264.035	RS-700	0.72978169811
12225	9/13/2019 7:21:24		-122.359	37.716	2088539.993	6023904.401		2170.434	RS-700	0.14109238994
12226	9/13/2019 7:21:25		-122.359	37.716	2088538.789	6023906.344		2310.974	RS-700	1.02499471698
12227	9/13/2019 7:21:26		-122.359	37.716	2088537.440	6023908.284		2325.165	RS-700	1.11424754717
12228	9/13/2019 7:21:27		-122.359	37.716	2088536.056	6023910.108		2209.122	RS-700	0.38441283019
12229	9/13/2019 7:21:28		-122.359	37.716	2088534.744	6023911.963		2182.783	RS-700	0.21875937107
12230	9/13/2019 7:21:29		-122.359	37.716	2088533.290	6023913.670		2123.649	RS-700	-0.15314993711
12231	9/13/2019 7:21:30		-122.359	37.716	2088531.687	6023915.519		2083.646	RS-700	-0.40474440252
12232	9/13/2019 7:21:31		-122.359	37.716	2088530.233	6023917.254		2031.129	RS-700	-0.73503924528
12233	9/13/2019 7:21:32		-122.359	37.716	2088528.782	6023918.788		2096.336	RS-700	-0.32493314465
12234	9/13/2019 7:21:33		-122.359	37.716	2088527.509	6023920.527		2144.978	RS-700	-0.01900911950
12235	9/13/2019 7:21:34		-122.359	37.716	2088526.159	6023922.468		2038.315	RS-700	-0.68984182390
12236	9/13/2019 7:21:35		-122.359	37.716	2088524.739	6023924.320		2087.253	RS-700	-0.38205553459
12237	9/13/2019 7:21:36		-122.359	37.716	2088523.283	6023926.114		2120.174	RS-700	-0.17500415094
12238	9/13/2019 7:21:37		-122.359	37.716	2088521.790	6023927.907		2066.845	RS-700	-0.51041006289
12239	9/13/2019 7:21:38		-122.359	37.716	2088520.518	6023929.617		2108.968	RS-700	-0.24548421384
12240	9/13/2019 7:21:39		-122.359	37.716	2088519.319	6023931.300		2161.877	RS-700	0.08727553459
12241	9/13/2019 7:21:40		-122.359	37.716	2088518.049	6023932.895		2133.540	RS-700	-0.09094427673
12242	9/13/2019 7:21:41		-122.359	37.716	2088516.858	6023934.202		2151.787	RS-700	0.02381654088
12243	9/13/2019 7:21:42		-122.359	37.716	2088516.321	6023935.552		2157.315	RS-700	0.05858647799
12244	9/13/2019 7:21:43		-122.359	37.716	2088516.294	6023936.911		2076.932	RS-700	-0.44696654088
12245	9/13/2019 7:21:44		-122.359	37.716	2088516.889	6023938.138		2240.023	RS-700	0.57875968554
12246	9/13/2019 7:21:45		-122.359	37.716	2088516.792	6023939.322		2091.321	RS-700	-0.35647201258
12247	9/13/2019 7:21:46		-122.359	37.716	2088517.172	6023940.400		2172.341	RS-700	0.15308993711
12248	9/13/2019 7:21:47		-122.359	37.716	2088516.414	6023941.889		2183.429	RS-700	0.22282201258
12249	9/13/2019 7:21:48		-122.359	37.716	2088515.182	6023943.398		2061.837	RS-700	-0.54190855346
12250	9/13/2019 7:21:49		-122.359	37.716	2088513.949	6023944.965		2134.074	RS-700	-0.08758735849
12251	9/13/2019 7:21:50		-122.359	37.716	2088512.395	6023946.178		2128.650	RS-700	-0.12170044025
12252	9/13/2019 7:21:51		-122.359	37.716	2088510.526	6023946.777		2145.762	RS-700	-0.01407446541
12253	9/13/2019 7:21:52		-122.359	37.716	2088508.925	6023946.688		2118.640	RS-700	-0.18465559748
12254	9/13/2019 7:21:53		-122.359	37.716	2088507.422	6023947.179		2134.430	RS-700	-0.08534465409
12255	9/13/2019 7:21:54		-122.359	37.716	2088505.976	6023948.481		2164.102	RS-700	0.10126742138
12256	9/13/2019 7:21:55		-122.359	37.716	2088504.524	6023950.101		2136.755	RS-700	-0.07072251572
12257	9/13/2019 7:21:56		-122.359	37.716	2088502.960	6023951.835		2115.967	RS-700	-0.20146490566
12258	9/13/2019 7:21:57		-122.359	37.716	2088501.798	6023953.489		2098.747	RS-700	-0.30976578616
12259	9/13/2019 7:21:58		-122.359	37.716	2088500.527	6023955.142		2156.865	RS-700	0.05575691824
12260	9/13/2019 7:21:59		-122.359	37.716	2088499.146	6023956.822		2070.745	RS-700	-0.48587899371

Gamma Scan Survey Results
Survey Unit 4 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
12261	9/13/2019 7:22:00		-122.359	37.716	2088497.767	6023958.414		2204.458	RS-700	0.35508345912
12262	9/13/2019 7:22:01		-122.359	37.716	2088497.332	6023960.113		2196.005	RS-700	0.30191742138
12263	9/13/2019 7:22:02		-122.359	37.716	2088496.608	6023961.718		2149.535	RS-700	0.00965610063
12264	9/13/2019 7:22:03		-122.359	37.716	2088495.308	6023962.994		2144.869	RS-700	-0.01968886792
12265	9/13/2019 7:22:04		-122.359	37.716	2088493.900	6023964.239		2184.106	RS-700	0.22707962264
12266	9/13/2019 7:22:05		-122.359	37.716	2088492.383	6023965.424		2110.639	RS-700	-0.23497308176
12267	9/13/2019 7:22:06		-122.359	37.716	2088491.192	6023966.732		2098.429	RS-700	-0.31176509434
12268	9/13/2019 7:22:07		-122.359	37.716	2088490.114	6023967.809		2168.227	RS-700	0.12721150943
12269	9/13/2019 7:22:08		-122.359	37.716	2088489.396	6023969.126		2094.742	RS-700	-0.33495911950
12270	9/13/2019 7:22:09		-122.359	37.716	2088488.381	6023970.697		2136.086	RS-700	-0.07492918239
12271	9/13/2019 7:22:10		-122.359	37.716	2088487.149	6023972.235		2176.095	RS-700	0.17669597484
12272	9/13/2019 7:22:11		-122.359	37.716	2088485.987	6023973.890		2143.767	RS-700	-0.02662515723
12273	9/13/2019 7:22:12		-122.359	37.716	2088484.680	6023975.513		2138.089	RS-700	-0.06233559748
12274	9/13/2019 7:22:13		-122.359	37.716	2088483.371	6023977.281		2193.889	RS-700	0.28861163522
12275	9/13/2019 7:22:14		-122.359	37.716	2088482.353	6023978.996		2130.295	RS-700	-0.11135276730
12276	9/13/2019 7:22:15		-122.359	37.716	2088481.343	6023980.365		2179.775	RS-700	0.19984062893
12277	9/13/2019 7:22:16		-122.359	37.716	2088480.370	6023981.647		2114.753	RS-700	-0.20909981132
12278	9/13/2019 7:22:17		-122.359	37.716	2088479.246	6023983.245		2218.794	RS-700	0.44524257862
12279	9/13/2019 7:22:18		-122.359	37.716	2088479.040	6023984.456		2147.222	RS-700	-0.00489182390
12280	9/13/2019 7:22:19		-122.359	37.716	2088479.348	6023985.446		2106.859	RS-700	-0.25874805031
12281	9/13/2019 7:22:20		-122.359	37.716	2088479.803	6023986.352		2129.531	RS-700	-0.11615427673
12282	9/13/2019 7:22:21		-122.359	37.716	2088480.000	6023987.455		2179.209	RS-700	0.19628132076
12283	9/13/2019 7:22:22		-122.359	37.716	2088479.991	6023987.889		2162.663	RS-700	0.09221880503
12284	9/13/2019 7:22:23		-122.359	37.716	2088480.340	6023986.854		2211.673	RS-700	0.40045798742
12285	9/13/2019 7:22:24		-122.359	37.716	2088481.161	6023985.829		2207.220	RS-700	0.37245289308
12286	9/13/2019 7:22:25		-122.359	37.716	2088481.944	6023984.948		2275.827	RS-700	0.80394220126
12287	9/13/2019 7:22:26		-122.359	37.716	2088481.384	6023985.631		2250.155	RS-700	0.64248352201
12288	9/13/2019 7:22:27		-122.359	37.716	2088480.594	6023986.859		2127.072	RS-700	-0.13162333333
12289	9/13/2019 7:22:28		-122.359	37.716	2088479.905	6023988.553		2156.758	RS-700	0.05508484277
12290	9/13/2019 7:22:29		-122.359	37.716	2088478.851	6023990.296		2163.767	RS-700	0.09916295597
12291	9/13/2019 7:22:30		-122.359	37.716	2088477.722	6023992.126		2204.568	RS-700	0.35577666667
12292	9/13/2019 7:22:31		-122.359	37.716	2088476.344	6023993.660		2223.355	RS-700	0.47392955975
12293	9/13/2019 7:22:32		-122.359	37.716	2088474.624	6023994.089		2224.010	RS-700	0.47805000000
12294	9/13/2019 7:22:33		-122.359	37.716	2088473.128	6023994.233		2249.463	RS-700	0.63813056604
12295	9/13/2019 7:22:34		-122.359	37.716	2088471.506	6023995.184		2125.964	RS-700	-0.13858981132
12296	9/13/2019 7:22:35		-122.359	37.716	2088470.279	6023996.491		2088.633	RS-700	-0.37338006289
12297	9/13/2019 7:22:36		-122.359	37.716	2088469.006	6023998.201		2078.417	RS-700	-0.43762817610
12298	9/13/2019 7:22:37		-122.359	37.716	2088467.691	6024000.229		2105.852	RS-700	-0.26508094340
12299	9/13/2019 7:22:38		-122.359	37.716	2088466.410	6024002.403		2159.636	RS-700	0.07318446541
12300	9/13/2019 7:22:39		-122.359	37.716	2088465.241	6024004.405		2164.772	RS-700	0.10548710692
12301	9/13/2019 7:22:40		-122.359	37.716	2088464.182	6024006.380		2142.656	RS-700	-0.03360698113
12302	9/13/2019 7:22:41		-122.359	37.716	2088463.162	6024008.269		2104.489	RS-700	-0.27365207547
12303	9/13/2019 7:22:42		-122.359	37.716	2088461.707	6024009.976		2156.884	RS-700	0.05587201258
12304	9/13/2019 7:22:43		-122.359	37.716	2088460.401	6024011.570		2056.938	RS-700	-0.57271616352
12305	9/13/2019 7:22:44		-122.359	37.716	2088459.091	6024013.338		2075.318	RS-700	-0.45711861635
12306	9/13/2019 7:22:45		-122.359	37.716	2088457.633	6024015.218		2123.968	RS-700	-0.15114333333
12307	9/13/2019 7:22:46		-122.359	37.716	2088455.959	6024017.008		2156.094	RS-700	0.05090792453
12308	9/13/2019 7:22:47		-122.359	37.716	2088454.138	6024018.852		2136.184	RS-700	-0.07431584906
12309	9/13/2019 7:22:48		-122.359	37.716	2088452.206	6024020.752		2204.337	RS-700	0.35431905660
12310	9/13/2019 7:22:49		-122.359	37.716	2088450.640	6024022.601		2131.083	RS-700	-0.10639773585
12311	9/13/2019 7:22:50		-122.359	37.716	2088449.257	6024024.368		2067.528	RS-700	-0.50611176101
12312	9/13/2019 7:22:51		-122.359	37.716	2088447.769	6024025.958		2131.746	RS-700	-0.10222698113
12313	9/13/2019 7:22:52		-122.359	37.716	2088446.211	6024027.403		2112.067	RS-700	-0.22599377359
12314	9/13/2019 7:22:53		-122.359	37.716	2088444.654	6024028.761		2093.430	RS-700	-0.34320955975
12315	9/13/2019 7:22:54		-122.359	37.716	2088443.751	6024030.247		1998.311	RS-700	-0.94144238994
12316	9/13/2019 7:22:55		-122.359	37.716	2088443.609	6024031.864		2084.159	RS-700	-0.40151767296
12317	9/13/2019 7:22:56		-122.359	37.716	2088444.020	6024033.203		2084.577	RS-700	-0.39888981132
12318	9/13/2019 7:22:57		-122.359	37.716	2088444.362	6024034.281		2057.426	RS-700	-0.56964660377
12319	9/13/2019 7:22:58		-122.359	37.716	2088444.234	6024035.233		2071.912	RS-700	-0.47853880503
12320	9/13/2019 7:22:59		-122.359	37.716	2088444.653	6024034.315		2036.840	RS-700	-0.69911805031
12321	9/13/2019 7:23:00		-122.359	37.716	2088445.368	6024033.172		2151.875	RS-700	0.02437113208

Gamma Scan Survey Results
Survey Unit 4 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
12322	9/13/2019 7:23:01		-122.359	37.716	2088445.706	6024032.658		2055.731	RS-700	-0.58031012579
12323	9/13/2019 7:23:02		-122.359	37.716	2088444.916	6024033.915		2118.181	RS-700	-0.18754232704
12324	9/13/2019 7:23:03		-122.359	37.716	2088443.824	6024035.716		2090.057	RS-700	-0.36442352201
12325	9/13/2019 7:23:04		-122.359	37.716	2088442.514	6024037.484		2039.732	RS-700	-0.68093301887
12326	9/13/2019 7:23:05		-122.359	37.716	2088441.534	6024039.172		2115.853	RS-700	-0.20218528302
12327	9/13/2019 7:23:06		-122.359	37.716	2088440.574	6024039.818		2066.732	RS-700	-0.51112056604
12328	9/13/2019 7:23:07		-122.359	37.716	2088441.164	6024039.453		2104.967	RS-700	-0.27064484277
12329	9/13/2019 7:23:08		-122.359	37.716	2088442.271	6024038.723		2047.635	RS-700	-0.63122924528
12330	9/13/2019 7:23:09		-122.359	37.716	2088441.978	6024038.833		2034.213	RS-700	-0.71564327044
12331	9/13/2019 7:23:10		-122.359	37.716	2088440.649	6024039.733		2043.239	RS-700	-0.65887320755
12332	9/13/2019 7:23:11		-122.359	37.716	2088440.608	6024039.934		2065.622	RS-700	-0.51809786164
12333	9/13/2019 7:23:12		-122.359	37.716	2088439.718	6024040.727		2072.246	RS-700	-0.47643855346
12334	9/13/2019 7:23:13		-122.359	37.716	2088439.094	6024041.004		2100.854	RS-700	-0.29651710692
12335	9/13/2019 7:23:14		-122.359	37.716	2088440.042	6024040.936		2037.021	RS-700	-0.69797849057
12336	9/13/2019 7:23:15		-122.359	37.716	2088440.041	6024040.993		2042.923	RS-700	-0.66086433962
12337	9/13/2019 7:23:16		-122.359	37.716	2088438.838	6024041.056		2041.723	RS-700	-0.66841113208
12338	9/13/2019 7:23:17		-122.359	37.716	2088437.422	6024040.826		2043.541	RS-700	-0.65697792453
12339	9/13/2019 7:23:18		-122.359	37.716	2088436.114	6024040.655		2025.714	RS-700	-0.76909685535
12340	9/13/2019 7:23:19		-122.359	37.716	2088434.353	6024041.314		2112.034	RS-700	-0.22620257862
12341	9/13/2019 7:23:20		-122.359	37.716	2088434.137	6024041.194		2051.728	RS-700	-0.60548710692
12342	9/13/2019 7:23:21		-122.359	37.716	2088434.505	6024040.999		2072.529	RS-700	-0.47465987421
12343	9/13/2019 7:23:22		-122.359	37.716	2088434.981	6024040.864		2093.640	RS-700	-0.34188433962
12344	9/13/2019 7:23:23		-122.359	37.716	2088435.682	6024040.444		2134.670	RS-700	-0.08383471698
12345	9/13/2019 7:23:24		-122.359	37.716	2088435.205	6024040.608		2099.852	RS-700	-0.30281748428
12346	9/13/2019 7:23:25		-122.359	37.716	2088434.395	6024041.055		2122.644	RS-700	-0.15947433962
12347	9/13/2019 7:23:26		-122.359	37.716	2088433.688	6024041.793		2040.129	RS-700	-0.67843647799
12348	9/13/2019 7:23:27		-122.359	37.716	2088433.901	6024042.058		2065.733	RS-700	-0.51740327044
12349	9/13/2019 7:23:28		-122.359	37.716	2088433.654	6024045.322		2084.055	RS-700	-0.40217138365
12350	9/13/2019 7:23:29		-122.359	37.716	2088432.717	6024046.692		2047.726	RS-700	-0.63065509434
12351	9/13/2019 7:23:30		-122.359	37.716	2088431.664	6024048.349		2061.744	RS-700	-0.54249062893
12352	9/13/2019 7:23:31		-122.359	37.716	2088430.573	6024050.092		2074.634	RS-700	-0.46142352201
12353	9/13/2019 7:23:32		-122.359	37.716	2088429.488	6024051.575		1998.207	RS-700	-0.94209207547
12354	9/13/2019 7:23:33		-122.359	37.716	2088428.770	6024052.863		2071.045	RS-700	-0.48399201258
12355	9/13/2019 7:23:34		-122.359	37.716	2088428.709	6024054.105		2119.082	RS-700	-0.18187427673
12356	9/13/2019 7:23:35		-122.359	37.716	2088428.873	6024055.035		2082.743	RS-700	-0.41042176101
12357	9/13/2019 7:23:36		-122.359	37.716	2088429.110	6024055.907		2080.477	RS-700	-0.42467232704
12358	9/13/2019 7:23:37		-122.359	37.716	2088429.571	6024056.553		2128.545	RS-700	-0.12235553459
12359	9/13/2019 7:23:38		-122.359	37.716	2088430.249	6024057.232		2084.644	RS-700	-0.39846603774
12360	9/13/2019 7:23:39		-122.359	37.716	2088430.931	6024057.737		2075.150	RS-700	-0.45817660377
12361	9/13/2019 7:23:40		-122.359	37.716	2088431.292	6024057.918		2116.968	RS-700	-0.19517213837
12362	9/13/2019 7:23:41		-122.359	37.716	2088431.745	6024058.939		2045.703	RS-700	-0.64337761006
12363	9/13/2019 7:23:42		-122.359	37.716	2088433.441	6024059.754		2118.609	RS-700	-0.18484754717
12364	9/13/2019 7:23:43		-122.359	37.716	2088434.307	6024060.148		2011.113	RS-700	-0.86092742138
12365	9/13/2019 7:23:44		-122.359	37.716	2088434.561	6024060.210		2087.523	RS-700	-0.38036050315
12366	9/13/2019 7:23:45		-122.359	37.716	2088436.262	6024060.736		2062.041	RS-700	-0.54062044025
12367	9/13/2019 7:23:46		-122.359	37.716	2088437.782	6024061.200		2104.434	RS-700	-0.27400238994
12368	9/13/2019 7:23:47		-122.359	37.716	2088437.637	6024061.168		1998.720	RS-700	-0.93886817610
12369	9/13/2019 7:23:48		-122.359	37.716	2088437.637	6024061.197		2103.853	RS-700	-0.27765515723
12370	9/13/2019 7:23:49		-122.359	37.716	2088437.128	6024061.129		2073.154	RS-700	-0.47072679245
12371	9/13/2019 7:23:50		-122.359	37.716	2088436.260	6024060.823		2091.745	RS-700	-0.35380628931
12372	9/13/2019 7:23:51		-122.359	37.716	2088434.376	6024060.351		2057.635	RS-700	-0.56833440252
12373	9/13/2019 7:23:52		-122.359	37.716	2088432.902	6024059.367		2012.313	RS-700	-0.85338037736
12374	9/13/2019 7:23:53		-122.359	37.716	2088431.791	6024058.448		2108.750	RS-700	-0.24685603774
12375	9/13/2019 7:23:54		-122.359	37.716	2088430.686	6024057.240		2038.319	RS-700	-0.68981698113
12376	9/13/2019 7:23:55		-122.359	37.716	2088429.795	6024056.268		2037.829	RS-700	-0.69290138365
12377	9/13/2019 7:23:56		-122.359	37.716	2088429.978	6024056.214		2054.845	RS-700	-0.58587842767
12378	9/13/2019 7:23:57		-122.359	37.716	2088431.013	6024057.276		2011.817	RS-700	-0.85649955975
12379	9/13/2019 7:23:58		-122.359	37.716	2088431.943	6024058.162		2087.534	RS-700	-0.38029188679
12380	9/13/2019 7:23:59		-122.359	37.716	2088434.449	6024058.472		2121.436	RS-700	-0.16707006289
12381	9/13/2019 7:24:00		-122.359	37.716	2088436.135	6024057.927		2095.651	RS-700	-0.32923679245
12382	9/13/2019 7:24:01		-122.359	37.716	2088437.017	6024057.540		2025.721	RS-700	-0.76905056604

Gamma Scan Survey Results
Survey Unit 4 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
12383	9/13/2019 7:24:02		-122.359	37.716	2088438.641	6024056.444		2130.760	RS-700	-0.10842635220
12384	9/13/2019 7:24:03		-122.359	37.716	2088439.708	6024054.064		2099.646	RS-700	-0.30411528302
12385	9/13/2019 7:24:04		-122.359	37.716	2088439.035	6024051.302		2008.109	RS-700	-0.87981679245
12386	9/13/2019 7:24:05		-122.359	37.716	2088437.801	6024049.252		2073.738	RS-700	-0.46705578616
12387	9/13/2019 7:24:06		-122.359	37.716	2088437.760	6024047.660		2146.873	RS-700	-0.00709081761
12388	9/13/2019 7:24:07		-122.359	37.716	2088437.726	6024047.515		2068.528	RS-700	-0.49982660377
12389	9/13/2019 7:24:08		-122.359	37.716	2088436.423	6024048.935		2185.433	RS-700	0.23542867925
12390	9/13/2019 7:24:09		-122.359	37.716	2088434.678	6024050.608		2048.342	RS-700	-0.62678012579
12391	9/13/2019 7:24:10		-122.359	37.716	2088432.969	6024052.339		2097.957	RS-700	-0.31473522013
12392	9/13/2019 7:24:11		-122.359	37.716	2088431.777	6024053.675		2116.964	RS-700	-0.19519477987
12393	9/13/2019 7:24:12		-122.359	37.716	2088431.628	6024053.816		2149.659	RS-700	0.01043415094
12394	9/13/2019 7:24:13		-122.359	37.716	2088431.365	6024054.216		2078.948	RS-700	-0.43428742138
12395	9/13/2019 7:24:14		-122.359	37.716	2088431.142	6024054.443		2129.864	RS-700	-0.11406157233
12396	9/13/2019 7:24:15		-122.359	37.716	2088431.141	6024054.501		2094.850	RS-700	-0.33427842767
12397	9/13/2019 7:24:16		-122.359	37.716	2088431.141	6024054.501		2027.036	RS-700	-0.76078188679
12398	9/13/2019 7:24:17		-122.359	37.716	2088431.178	6024054.473		2168.126	RS-700	0.12657911950
12399	9/13/2019 7:24:18		-122.359	37.716	2088431.216	6024054.416		2051.927	RS-700	-0.60423377359
12400	9/13/2019 7:24:19		-122.359	37.716	2088431.253	6024054.387		2059.956	RS-700	-0.55373798742
12401	9/13/2019 7:24:20		-122.359	37.716	2088431.290	6024054.330		2113.860	RS-700	-0.21471924528
12402	9/13/2019 7:24:21		-122.359	37.716	2088431.290	6024054.330		2128.308	RS-700	-0.12384672956
12403	9/13/2019 7:24:22		-122.359	37.716	2088431.403	6024054.159		2180.546	RS-700	0.20469383648
12404	9/13/2019 7:24:23		-122.359	37.716	2088431.922	6024053.706		2064.529	RS-700	-0.52497257862
12405	9/13/2019 7:24:24		-122.359	37.716	2088432.447	6024052.965		2140.875	RS-700	-0.04481000000
12406	9/13/2019 7:24:25		-122.359	37.716	2088433.491	6024051.712		2163.876	RS-700	0.09984823899
12407	9/13/2019 7:24:26		-122.359	37.716	2088434.793	6024050.321		2125.186	RS-700	-0.14348301887
12408	9/13/2019 7:24:27		-122.359	37.716	2088436.057	6024049.044		2022.714	RS-700	-0.78796270440
12409	9/13/2019 7:24:28		-122.359	37.716	2088437.248	6024047.737		2055.526	RS-700	-0.58159880503
12410	9/13/2019 7:24:29		-122.359	37.716	2088438.514	6024046.344		2100.176	RS-700	-0.30078125786
12411	9/13/2019 7:24:30		-122.359	37.716	2088439.928	6024044.839		2079.839	RS-700	-0.42868295598
12412	9/13/2019 7:24:31		-122.359	37.716	2088441.381	6024043.219		2004.701	RS-700	-0.90125088050
12413	9/13/2019 7:24:32		-122.359	37.716	2088442.764	6024041.395		2083.627	RS-700	-0.40486352201
12414	9/13/2019 7:24:33		-122.359	37.716	2088444.257	6024039.602		2149.981	RS-700	0.01246012579
12415	9/13/2019 7:24:34		-122.359	37.716	2088445.966	6024037.871		2120.863	RS-700	-0.17067591195
12416	9/13/2019 7:24:35		-122.359	37.716	2088447.567	6024036.109		2121.438	RS-700	-0.16705415094
12417	9/13/2019 7:24:36		-122.359	37.716	2088449.135	6024034.173		2067.424	RS-700	-0.50676911950
12418	9/13/2019 7:24:37		-122.359	37.716	2088450.595	6024032.206		2138.546	RS-700	-0.05945987421
12419	9/13/2019 7:24:38		-122.359	37.716	2088451.978	6024030.410		2070.738	RS-700	-0.48592685535
12420	9/13/2019 7:24:39		-122.359	37.716	2088453.436	6024028.530		2152.660	RS-700	0.02930566038
12421	9/13/2019 7:24:40		-122.359	37.716	2088455.003	6024026.652		2185.776	RS-700	0.23758716981
12422	9/13/2019 7:24:41		-122.359	37.716	2088456.569	6024024.802		2026.017	RS-700	-0.76718981132
12423	9/13/2019 7:24:42		-122.359	37.716	2088458.100	6024022.894		2087.266	RS-700	-0.38197660377
12424	9/13/2019 7:24:43		-122.359	37.716	2088459.597	6024020.870		2100.745	RS-700	-0.29719836478
12425	9/13/2019 7:24:44		-122.359	37.716	2088461.132	6024018.760		2160.313	RS-700	0.07744163522
12426	9/13/2019 7:24:45		-122.359	37.716	2088462.629	6024016.735		2058.030	RS-700	-0.56585088050
12427	9/13/2019 7:24:46		-122.359	37.716	2088464.160	6024014.856		2183.225	RS-700	0.22153905660
12428	9/13/2019 7:24:47		-122.359	37.716	2088465.653	6024013.034		2134.976	RS-700	-0.08191490566
12429	9/13/2019 7:24:48		-122.359	37.716	2088467.185	6024011.068		2216.117	RS-700	0.42840867925
12430	9/13/2019 7:24:49		-122.359	37.716	2088468.611	6024008.956		2124.953	RS-700	-0.14494861635
12431	9/13/2019 7:24:50		-122.359	37.716	2088469.853	6024006.926		2209.566	RS-700	0.38720597484
12432	9/13/2019 7:24:51		-122.359	37.716	2088471.130	6024004.956		2169.554	RS-700	0.13555943396
12433	9/13/2019 7:24:52		-122.359	37.716	2088472.480	6024003.015		2210.219	RS-700	0.39131610063
12434	9/13/2019 7:24:53		-122.359	37.716	2088473.897	6024001.336		2169.756	RS-700	0.13682761006
12435	9/13/2019 7:24:54		-122.359	37.716	2088475.245	6023999.483		2222.568	RS-700	0.46897811321
12436	9/13/2019 7:24:55		-122.359	37.716	2088476.593	6023997.629		2201.786	RS-700	0.33827471698
12437	9/13/2019 7:24:56		-122.359	37.716	2088477.833	6023995.686		2123.536	RS-700	-0.15386194969
12438	9/13/2019 7:24:57		-122.359	37.716	2088479.071	6023993.888		2215.678	RS-700	0.42564886793
12439	9/13/2019 7:24:58		-122.359	37.716	2088480.344	6023992.149		2274.699	RS-700	0.79685201258
12440	9/13/2019 7:24:59		-122.359	37.716	2088481.655	6023990.294		2173.986	RS-700	0.16343251572
12441	9/13/2019 7:25:00		-122.359	37.716	2088482.970	6023988.266		2240.135	RS-700	0.57946352201
12442	9/13/2019 7:25:01		-122.359	37.716	2088484.357	6023986.269		2265.373	RS-700	0.73819245283
12443	9/13/2019 7:25:02		-122.359	37.716	2088485.888	6023984.390		2162.662	RS-700	0.09221264151

Gamma Scan Survey Results
Survey Unit 4 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
12444	9/13/2019 7:25:03		-122.359	37.716	2088487.381	6023982.539		2178.561	RS-700	0.19220968554
12445	9/13/2019 7:25:04		-122.359	37.716	2088488.913	6023980.602		2116.436	RS-700	-0.19851823899
12446	9/13/2019 7:25:05		-122.359	37.716	2088490.409	6023978.607		2237.257	RS-700	0.56136433962
12447	9/13/2019 7:25:06		-122.359	37.716	2088492.015	6023976.613		2250.143	RS-700	0.64240874214
12448	9/13/2019 7:25:07		-122.359	37.716	2088493.437	6023974.703		2175.874	RS-700	0.17530767296
12449	9/13/2019 7:25:08		-122.359	37.716	2088495.007	6023972.651		2180.988	RS-700	0.20747270440
12450	9/13/2019 7:25:09		-122.359	37.716	2088496.504	6023970.627		2219.789	RS-700	0.45150371069
12451	9/13/2019 7:25:10		-122.359	37.716	2088497.963	6023968.718		2143.867	RS-700	-0.02599226415
12452	9/13/2019 7:25:11		-122.359	37.716	2088499.459	6023966.722		2286.151	RS-700	0.86887352201
12453	9/13/2019 7:25:12		-122.359	37.716	2088500.991	6023964.756		2143.300	RS-700	-0.02956238994
12454	9/13/2019 7:25:13		-122.359	37.716	2088502.450	6023962.818		2239.016	RS-700	0.57242522013
12455	9/13/2019 7:25:14		-122.359	37.716	2088503.944	6023960.938		2210.561	RS-700	0.39346345912
12456	9/13/2019 7:25:15		-122.359	37.716	2088505.034	6023959.253		2137.979	RS-700	-0.06302427673
12457	9/13/2019 7:25:16		-122.359	37.716	2088506.454	6023957.401		2152.974	RS-700	0.03128314465
12458	9/13/2019 7:25:17		-122.359	37.716	2088508.357	6023955.124		2231.020	RS-700	0.52213572327
12459	9/13/2019 7:25:18		-122.359	37.716	2088509.561	6023953.181		2114.975	RS-700	-0.20770358491
12460	9/13/2019 7:25:19		-122.359	37.716	2088510.981	6023951.386		2243.105	RS-700	0.59814547170
12461	9/13/2019 7:25:20		-122.359	37.716	2088512.326	6023949.677		2145.085	RS-700	-0.01833553459
12462	9/13/2019 7:25:21		-122.359	37.716	2088513.628	6023948.285		2034.542	RS-700	-0.71357503145
12463	9/13/2019 7:25:22		-122.359	37.716	2088513.963	6023947.916		2138.330	RS-700	-0.06082050314
12464	9/13/2019 7:25:23		-122.359	37.716	2088513.701	6023948.258		2099.641	RS-700	-0.30414283019
12465	9/13/2019 7:25:24		-122.359	37.716	2088513.552	6023948.458		2108.175	RS-700	-0.25047119497
12466	9/13/2019 7:25:25		-122.359	37.716	2088512.910	6023949.602		2104.959	RS-700	-0.27069654088
12467	9/13/2019 7:25:26		-122.359	37.716	2088511.795	6023950.708		2111.945	RS-700	-0.22675886793
12468	9/13/2019 7:25:27		-122.359	37.716	2088511.052	6023951.475		2226.241	RS-700	0.49207924528
12469	9/13/2019 7:25:28		-122.359	37.716	2088510.978	6023951.531		2202.119	RS-700	0.34037283019
12470	9/13/2019 7:25:29		-122.359	37.716	2088511.870	6023950.594		2108.984	RS-700	-0.24538157233
12471	9/13/2019 7:25:30		-122.359	37.716	2088513.208	6023949.261		2082.848	RS-700	-0.40976371069
12472	9/13/2019 7:25:31		-122.359	37.716	2088514.511	6023947.840		2119.295	RS-700	-0.18053503145
12473	9/13/2019 7:25:32		-122.359	37.716	2088515.671	6023946.272		2113.061	RS-700	-0.21974402516
12474	9/13/2019 7:25:33		-122.359	37.716	2088516.795	6023944.703		2172.884	RS-700	0.15650113208
12475	9/13/2019 7:25:34		-122.359	37.716	2088517.919	6023943.134		2175.743	RS-700	0.17448327044
12476	9/13/2019 7:25:35		-122.359	37.716	2088519.156	6023941.365		2159.446	RS-700	0.07198974843
12477	9/13/2019 7:25:36		-122.359	37.716	2088520.504	6023939.482		2235.788	RS-700	0.55212591195
12478	9/13/2019 7:25:37		-122.359	37.716	2088522.033	6023937.661		2255.031	RS-700	0.67314899371
12479	9/13/2019 7:25:38		-122.359	37.716	2088523.527	6023935.782		2185.314	RS-700	0.23467610063
12480	9/13/2019 7:25:39		-122.359	37.716	2088525.023	6023933.815		2162.648	RS-700	0.09212723270
12481	9/13/2019 7:25:40		-122.359	37.716	2088526.702	6023931.794		2158.769	RS-700	0.06772911950
12482	9/13/2019 7:25:41		-122.359	37.716	2088528.344	6023929.831		2101.745	RS-700	-0.29091289308
12483	9/13/2019 7:25:42		-122.359	37.716	2088529.912	6023927.895		2234.570	RS-700	0.54446547170
12484	9/13/2019 7:25:43		-122.359	37.716	2088531.589	6023925.989		2197.687	RS-700	0.31249811321
12485	9/13/2019 7:25:44		-122.359	37.716	2088533.229	6023924.055		2095.855	RS-700	-0.32795553459
12486	9/13/2019 7:25:45		-122.359	37.716	2088534.833	6023922.148		2170.413	RS-700	0.14095962264
12487	9/13/2019 7:25:46		-122.359	37.716	2088536.476	6023920.127		2256.151	RS-700	0.68019314465
12488	9/13/2019 7:25:47		-122.359	37.716	2088538.008	6023918.190		2244.803	RS-700	0.60882301887
12489	9/13/2019 7:25:48		-122.359	37.716	2088539.577	6023916.167		2303.050	RS-700	0.97515578616
12490	9/13/2019 7:25:49		-122.359	37.716	2088541.182	6023914.232		2262.143	RS-700	0.71787855346
12491	9/13/2019 7:25:50		-122.359	37.716	2088542.749	6023912.324		2266.140	RS-700	0.74301647799
12492	9/13/2019 7:25:51		-122.359	37.716	2088544.316	6023910.446		2324.303	RS-700	1.10882679245
12493	9/13/2019 7:25:52		-122.359	37.716	2088545.631	6023908.418		2420.709	RS-700	1.71515352201
12494	9/13/2019 7:25:53		-122.359	37.716	2088546.871	6023906.504		2289.231	RS-700	0.88824559748
12495	9/13/2019 7:25:54		-122.359	37.716	2088548.002	6023904.560		2279.725	RS-700	0.82845754717
12496	9/13/2019 7:25:55		-122.359	37.716	2088549.127	6023902.962		2292.284	RS-700	0.90744918239
12497	9/13/2019 7:25:56		-122.359	37.716	2088550.246	6023901.595		2270.909	RS-700	0.77301182390
12498	9/13/2019 7:25:57		-122.359	37.716	2088551.362	6023900.431		2271.041	RS-700	0.77384534591
12499	9/13/2019 7:25:58		-122.359	37.716	2088552.628	6023899.010		2195.677	RS-700	0.29985327044
12500	9/13/2019 7:25:59		-122.359	37.716	2088553.864	6023897.299		2255.123	RS-700	0.67372654088
12501	9/13/2019 7:26:00		-122.359	37.716	2088555.100	6023895.588		2200.226	RS-700	0.32846836478
12502	9/13/2019 7:26:01		-122.359	37.716	2088556.298	6023893.933		2257.802	RS-700	0.69057874214
12503	9/13/2019 7:26:02		-122.359	37.716	2088557.716	6023892.255		2232.459	RS-700	0.53118811321
12504	9/13/2019 7:26:03		-122.359	37.716	2088559.098	6023890.517		2356.311	RS-700	1.31013232704

Gamma Scan Survey Results
Survey Unit 4 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
12505	9/13/2019 7:26:04		-122.359	37.716	2088560.702	6023888.582		2167.194	RS-700	0.12072006289
12506	9/13/2019 7:26:05		-122.359	37.716	2088562.233	6023886.674		2186.441	RS-700	0.24176962264
12507	9/13/2019 7:26:06		-122.359	37.716	2088563.838	6023884.739		2173.321	RS-700	0.15925100629
12508	9/13/2019 7:26:07		-122.359	37.716	2088565.479	6023882.804		2179.430	RS-700	0.19767320755
12509	9/13/2019 7:26:08		-122.359	37.716	2088567.008	6023880.983		2129.652	RS-700	-0.11539672956
12510	9/13/2019 7:26:09		-122.359	37.716	2088568.429	6023879.130		2142.975	RS-700	-0.03160584906
12511	9/13/2019 7:26:10		-122.359	37.716	2088569.925	6023877.135		2117.532	RS-700	-0.19161968554
12512	9/13/2019 7:26:11		-122.359	37.716	2088571.495	6023875.083		2082.952	RS-700	-0.40910477987
12513	9/13/2019 7:26:12		-122.359	37.716	2088573.069	6023872.887		2261.786	RS-700	0.71563471698
12514	9/13/2019 7:26:13		-122.359	37.716	2088574.641	6023870.748		2211.902	RS-700	0.40189855346
12515	9/13/2019 7:26:14		-122.359	37.716	2088576.177	6023868.609		2098.539	RS-700	-0.31107855346
12516	9/13/2019 7:26:15		-122.359	37.716	2088577.750	6023866.384		2118.647	RS-700	-0.18461012579
12517	9/13/2019 7:26:16		-122.359	37.716	2088579.250	6023864.215		2137.980	RS-700	-0.06301761006
12518	9/13/2019 7:26:17		-122.359	37.716	2088580.892	6023862.251		2149.745	RS-700	0.01097238994
12519	9/13/2019 7:26:18		-122.359	37.716	2088582.462	6023860.199		2110.772	RS-700	-0.23413748428
12520	9/13/2019 7:26:19		-122.359	37.716	2088583.994	6023858.233		2111.285	RS-700	-0.23091345912
12521	9/13/2019 7:26:20		-122.359	37.716	2088585.307	6023856.321		2086.318	RS-700	-0.38793723270
12522	9/13/2019 7:26:21		-122.359	37.716	2088586.617	6023854.525		2058.737	RS-700	-0.56140352201
12523	9/13/2019 7:26:22		-122.359	37.716	2088587.997	6023852.903		2059.632	RS-700	-0.55577635220
12524	9/13/2019 7:26:23		-122.359	37.716	2088589.378	6023851.223		2112.640	RS-700	-0.22239081761
12525	9/13/2019 7:26:24		-122.359	37.716	2088590.724	6023849.457		2070.255	RS-700	-0.48896295598
12526	9/13/2019 7:26:25		-122.359	37.716	2088592.258	6023847.404		2140.178	RS-700	-0.04919471698
12527	9/13/2019 7:26:26		-122.359	37.716	2088593.829	6023845.323		2145.095	RS-700	-0.01827031447
12528	9/13/2019 7:26:27		-122.359	37.716	2088595.358	6023843.531		2258.477	RS-700	0.69482666667
12529	9/13/2019 7:26:28		-122.359	37.716	2088596.956	6023841.914		2143.764	RS-700	-0.02664075472
12530	9/13/2019 7:26:29		-122.360	37.716	2088598.484	6023840.179		2077.258	RS-700	-0.44491949686
12531	9/13/2019 7:26:30		-122.360	37.716	2088600.048	6023838.446		2177.873	RS-700	0.18788182390
12532	9/13/2019 7:26:31		-122.360	37.716	2088601.398	6023836.476		2143.872	RS-700	-0.02596396226
12533	9/13/2019 7:26:32		-122.360	37.716	2088602.639	6023834.505		2166.774	RS-700	0.11807452830
12534	9/13/2019 7:26:33		-122.360	37.716	2088603.806	6023832.561		2228.022	RS-700	0.50328408805
12535	9/13/2019 7:26:34		-122.360	37.716	2088605.223	6023830.940		2107.432	RS-700	-0.25514553459
12536	9/13/2019 7:26:35		-122.360	37.716	2088606.643	6023829.116		2206.790	RS-700	0.36974672956
12537	9/13/2019 7:26:36		-122.360	37.716	2088607.624	6023827.371		2230.016	RS-700	0.51582647799
12538	9/13/2019 7:26:37		-122.360	37.716	2088608.498	6023825.566		2112.857	RS-700	-0.22102484277
12539	9/13/2019 7:26:38		-122.360	37.716	2088609.485	6023823.560		2217.570	RS-700	0.43754855346
12540	9/13/2019 7:26:39		-122.360	37.716	2088610.798	6023821.619		2152.656	RS-700	0.02928452830
12541	9/13/2019 7:26:40		-122.360	37.716	2088612.037	6023819.734		2177.775	RS-700	0.18726622642
12542	9/13/2019 7:26:41		-122.360	37.716	2088613.602	6023817.943		2177.895	RS-700	0.18801698113
12543	9/13/2019 7:26:42		-122.360	37.716	2088615.316	6023816.009		2240.906	RS-700	0.58431207547
12544	9/13/2019 7:26:43		-122.360	37.716	2088616.992	6023814.162		2262.812	RS-700	0.72208597484
12545	9/13/2019 7:26:44		-122.360	37.716	2088618.702	6023812.403		2191.993	RS-700	0.27668767296
12546	9/13/2019 7:26:45		-122.360	37.716	2088620.338	6023810.728		2239.355	RS-700	0.57455943396
12547	9/13/2019 7:26:46		-122.360	37.716	2088621.903	6023808.908		2255.165	RS-700	0.67399641509
12548	9/13/2019 7:26:47		-122.360	37.716	2088623.394	6023807.202		2198.130	RS-700	0.31528270440
12549	9/13/2019 7:26:48		-122.360	37.716	2088624.886	6023805.409		2162.771	RS-700	0.09289679245
12550	9/13/2019 7:26:49		-122.360	37.716	2088626.307	6023803.556		2229.234	RS-700	0.51090389937
12551	9/13/2019 7:26:50		-122.360	37.716	2088627.653	6023801.818		2062.526	RS-700	-0.53757062893
12552	9/13/2019 7:26:51		-122.360	37.716	2088629.069	6023800.197		2106.750	RS-700	-0.25943364780
12553	9/13/2019 7:26:52		-122.360	37.716	2088630.310	6023798.226		2111.540	RS-700	-0.22931062893
12554	9/13/2019 7:26:53		-122.360	37.716	2088631.439	6023796.397		2145.778	RS-700	-0.01397698113
12555	9/13/2019 7:26:54		-122.360	37.716	2088632.563	6023794.799		2077.534	RS-700	-0.44318119497
12556	9/13/2019 7:26:55		-122.360	37.716	2088633.909	6023793.061		2146.551	RS-700	-0.00911075472
12557	9/13/2019 7:26:56		-122.360	37.716	2088635.293	6023791.208		2179.000	RS-700	0.19496654088
12558	9/13/2019 7:26:57		-122.360	37.716	2088636.606	6023789.267		2110.960	RS-700	-0.23295723270
12559	9/13/2019 7:26:58		-122.360	37.716	2088637.810	6023787.323		2186.670	RS-700	0.24320628931
12560	9/13/2019 7:26:59		-122.360	37.716	2088639.150	6023785.903		2209.781	RS-700	0.38855924528
12561	9/13/2019 7:27:00		-122.360	37.716	2088640.985	6023785.159		2251.916	RS-700	0.65355767296
12562	9/13/2019 7:27:01		-122.360	37.716	2088643.022	6023785.315		2300.162	RS-700	0.95699672956
12563	9/13/2019 7:27:02		-122.360	37.716	2088644.357	6023785.920		2219.458	RS-700	0.44942018868
12564	9/13/2019 7:27:03		-122.360	37.716	2088644.106	6023785.742		2230.568	RS-700	0.51929471698
12565	9/13/2019 7:27:04		-122.360	37.716	2088643.752	6023785.243		2304.706	RS-700	0.98557050315

Gamma Scan Survey Results
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SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
12566	9/13/2019 7:27:05		-122.360	37.716	2088643.856	6023785.505		2204.787	RS-700	0.35715213837
12567	9/13/2019 7:27:06		-122.360	37.716	2088643.964	6023785.565		2287.936	RS-700	0.88009949686
12568	9/13/2019 7:27:07		-122.360	37.716	2088642.972	6023784.128		2462.393	RS-700	1.97731654088
12569	9/13/2019 7:27:08		-122.360	37.716	2088642.422	6023782.497		2644.950	RS-700	3.12547270440
12570	9/13/2019 7:27:09		-122.360	37.716	2088642.357	6023782.119		2637.438	RS-700	3.07822496855
12571	9/13/2019 7:27:10		-122.360	37.716	2088642.776	6023782.996		2517.642	RS-700	2.32479144654
12572	9/13/2019 7:27:11		-122.360	37.716	2088642.705	6023784.759		2269.348	RS-700	0.76319729560
12573	9/13/2019 7:27:12		-122.360	37.716	2088642.535	6023786.000		2168.770	RS-700	0.13062616352
12574	9/13/2019 7:27:13		-122.360	37.716	2088642.294	6023787.094		2174.992	RS-700	0.16976194969
12575	9/13/2019 7:27:14		-122.360	37.716	2088642.650	6023787.506		2238.913	RS-700	0.57177830189
12576	9/13/2019 7:27:15		-122.360	37.716	2088641.538	6023788.497		2172.883	RS-700	0.15649773585
12577	9/13/2019 7:27:16		-122.360	37.716	2088640.066	6023789.278		2200.106	RS-700	0.32770968554
12578	9/13/2019 7:27:17		-122.360	37.716	2088639.174	6023790.157		2193.784	RS-700	0.28794704403
12579	9/13/2019 7:27:18		-122.360	37.716	2088639.675	6023788.807		2209.115	RS-700	0.38437289308
12580	9/13/2019 7:27:19		-122.360	37.716	2088640.414	6023786.420		2295.700	RS-700	0.92892867925
12581	9/13/2019 7:27:20		-122.360	37.716	2088641.507	6023784.562		2258.587	RS-700	0.69551320755
12582	9/13/2019 7:27:21		-122.360	37.716	2088641.241	6023785.135		2265.008	RS-700	0.73590094340
12583	9/13/2019 7:27:22		-122.360	37.716	2088640.301	6023786.621		2252.142	RS-700	0.65498081761
12584	9/13/2019 7:27:23		-122.360	37.716	2088639.026	6023788.476		2217.566	RS-700	0.43752396226
12585	9/13/2019 7:27:24		-122.360	37.716	2088637.672	6023790.619		2210.786	RS-700	0.39488339623
12586	9/13/2019 7:27:25		-122.360	37.716	2088636.099	6023792.786		2206.000	RS-700	0.36477823899
12587	9/13/2019 7:27:26		-122.360	37.716	2088634.456	6023794.837		2168.776	RS-700	0.13066823899
12588	9/13/2019 7:27:27		-122.360	37.716	2088632.737	6023797.059		2125.413	RS-700	-0.14205805031
12589	9/13/2019 7:27:28		-122.360	37.716	2088630.867	6023799.510		2059.220	RS-700	-0.55836188679
12590	9/13/2019 7:27:29		-122.360	37.716	2088629.182	6023801.849		2135.869	RS-700	-0.07629427673
12591	9/13/2019 7:27:30		-122.360	37.716	2088627.463	6023804.042		2124.747	RS-700	-0.14624490566
12592	9/13/2019 7:27:31		-122.360	37.716	2088625.636	6023806.176		2145.660	RS-700	-0.01471716981
12593	9/13/2019 7:27:32		-122.360	37.716	2088623.700	6023808.307		2237.035	RS-700	0.55996559748
12594	9/13/2019 7:27:33		-122.360	37.716	2088622.094	6023810.329		2205.222	RS-700	0.35988742138
12595	9/13/2019 7:27:34		-122.360	37.716	2088620.747	6023812.125		2180.879	RS-700	0.20678811321
12596	9/13/2019 7:27:35		-122.360	37.716	2088619.662	6023813.579		2197.007	RS-700	0.30821710692
12597	9/13/2019 7:27:36		-122.360	37.716	2088618.130	6023815.516		2117.713	RS-700	-0.19048213837
12598	9/13/2019 7:27:37		-122.360	37.716	2088616.486	6023817.624		2197.001	RS-700	0.30818333333
12599	9/13/2019 7:27:38		-122.360	37.716	2088614.841	6023819.732		2166.892	RS-700	0.11881509434
12600	9/13/2019 7:27:39		-122.360	37.716	2088613.160	6023821.869		2233.791	RS-700	0.53956654088
12601	9/13/2019 7:27:40		-122.360	37.716	2088611.446	6023823.802		2210.890	RS-700	0.39553553459
12602	9/13/2019 7:27:41		-122.360	37.716	2088609.836	6023826.026		2190.555	RS-700	0.26764062893
12603	9/13/2019 7:27:42		-122.360	37.716	2088608.370	6023828.312		2113.799	RS-700	-0.21509905660
12604	9/13/2019 7:27:43		-122.360	37.716	2088606.795	6023830.595		2193.897	RS-700	0.28865823899
12605	9/13/2019 7:27:44		-122.360	37.716	2088605.149	6023832.819		2129.189	RS-700	-0.11830867925
12606	9/13/2019 7:27:45		-122.360	37.716	2088603.540	6023834.957		2060.731	RS-700	-0.54886446541
12607	9/13/2019 7:27:46		-122.360	37.716	2088601.895	6023837.123		2104.753	RS-700	-0.27199320755
12608	9/13/2019 7:27:47		-122.360	37.716	2088600.359	6023839.291		2023.411	RS-700	-0.78357886793
12609	9/13/2019 7:27:48		-122.359	37.716	2088598.785	6023841.516		2104.751	RS-700	-0.27200433962
12610	9/13/2019 7:27:49		-122.359	37.716	2088597.250	6023843.626		2218.899	RS-700	0.44590867925
12611	9/13/2019 7:27:50		-122.359	37.716	2088595.713	6023845.824		2169.448	RS-700	0.13489251572
12612	9/13/2019 7:27:51		-122.359	37.716	2088594.032	6023847.960		2209.234	RS-700	0.38511691824
12613	9/13/2019 7:27:52		-122.359	37.716	2088592.422	6023850.127		2132.085	RS-700	-0.10009622642
12614	9/13/2019 7:27:53		-122.359	37.716	2088590.742	6023852.205		2173.759	RS-700	0.16200528302
12615	9/13/2019 7:27:54		-122.359	37.716	2088588.917	6023854.281		2129.860	RS-700	-0.11409081761
12616	9/13/2019 7:27:55		-122.359	37.716	2088587.056	6023856.269		2112.074	RS-700	-0.22595132076
12617	9/13/2019 7:27:56		-122.359	37.716	2088585.267	6023858.317		2224.461	RS-700	0.48088817610
12618	9/13/2019 7:27:57		-122.359	37.716	2088583.441	6023860.392		2197.784	RS-700	0.31310729560
12619	9/13/2019 7:27:58		-122.359	37.716	2088581.685	6023862.643		2072.428	RS-700	-0.47529635220
12620	9/13/2019 7:27:59		-122.359	37.716	2088579.966	6023864.836		2121.077	RS-700	-0.16932748428
12621	9/13/2019 7:28:00		-122.359	37.716	2088578.359	6023866.916		2169.882	RS-700	0.13762018868
12622	9/13/2019 7:28:01		-122.359	37.716	2088576.866	6023868.709		2173.871	RS-700	0.16270962264
12623	9/13/2019 7:28:02		-122.359	37.716	2088575.821	6023869.991		2138.781	RS-700	-0.05798106918
12624	9/13/2019 7:28:03		-122.359	37.716	2088575.112	6023870.844		2153.975	RS-700	0.03757886792
12625	9/13/2019 7:28:04		-122.359	37.716	2088574.514	6023871.614		2139.869	RS-700	-0.05113685535
12626	9/13/2019 7:28:05		-122.359	37.716	2088573.619	6023872.666		2120.638	RS-700	-0.17208597484

Gamma Scan Survey Results
Survey Unit 4 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
12627	9/13/2019 7:28:06		-122.359	37.716	2088572.650	6023873.804		2136.446	RS-700	-0.07266459120
12628	9/13/2019 7:28:07		-122.359	37.716	2088571.571	6023874.969		2111.540	RS-700	-0.22931044025
12629	9/13/2019 7:28:08		-122.359	37.716	2088570.529	6023876.077		2124.760	RS-700	-0.14616100629
12630	9/13/2019 7:28:09		-122.359	37.716	2088568.998	6023877.984		2226.907	RS-700	0.49627138365
12631	9/13/2019 7:28:10		-122.359	37.716	2088567.460	6023880.211		2115.860	RS-700	-0.20214094340
12632	9/13/2019 7:28:11		-122.359	37.716	2088565.884	6023882.580		2127.864	RS-700	-0.12664006289
12633	9/13/2019 7:28:12		-122.359	37.716	2088564.197	6023884.977		2167.105	RS-700	0.12016012579
12634	9/13/2019 7:28:13		-122.359	37.716	2088562.439	6023887.314		2198.016	RS-700	0.31456798742
12635	9/13/2019 7:28:14		-122.359	37.716	2088560.646	6023889.564		2324.296	RS-700	1.10878012579
12636	9/13/2019 7:28:15		-122.359	37.716	2088558.927	6023891.787		2312.936	RS-700	1.03733540881
12637	9/13/2019 7:28:16		-122.359	37.716	2088557.171	6023894.009		2227.243	RS-700	0.49838264151
12638	9/13/2019 7:28:17		-122.359	37.716	2088555.637	6023896.061		2244.139	RS-700	0.60464654088
12639	9/13/2019 7:28:18		-122.359	37.716	2088554.031	6023898.054		2210.652	RS-700	0.39403591195
12640	9/13/2019 7:28:19		-122.359	37.716	2088552.462	6023900.048		2188.779	RS-700	0.25647069182
12641	9/13/2019 7:28:20		-122.359	37.716	2088551.077	6023901.959		2243.685	RS-700	0.60179012579
12642	9/13/2019 7:28:21		-122.359	37.716	2088549.469	6023904.068		2202.896	RS-700	0.34525981132
12643	9/13/2019 7:28:22		-122.359	37.716	2088547.823	6023906.263		2282.930	RS-700	0.84861905660
12644	9/13/2019 7:28:23		-122.359	37.716	2088546.104	6023908.457		2206.792	RS-700	0.36975968554
12645	9/13/2019 7:28:24		-122.359	37.716	2088544.493	6023910.710		2250.796	RS-700	0.64651301887
12646	9/13/2019 7:28:25		-122.359	37.716	2088542.918	6023913.022		2191.339	RS-700	0.27257025157
12647	9/13/2019 7:28:26		-122.359	37.716	2088541.234	6023915.274		2225.905	RS-700	0.48996905660
12648	9/13/2019 7:28:27		-122.359	37.716	2088539.480	6023917.380		2218.567	RS-700	0.44381685535
12649	9/13/2019 7:28:28		-122.359	37.716	2088537.727	6023919.457		2308.592	RS-700	1.01001452830
12650	9/13/2019 7:28:29		-122.359	37.716	2088535.973	6023921.621		2265.025	RS-700	0.73600559748
12651	9/13/2019 7:28:30		-122.359	37.716	2088534.253	6023923.844		2184.662	RS-700	0.23057968554
12652	9/13/2019 7:28:31		-122.359	37.716	2088532.496	6023926.152		2233.912	RS-700	0.54032735849
12653	9/13/2019 7:28:32		-122.359	37.716	2088530.559	6023928.341		2146.874	RS-700	-0.00708270440
12654	9/13/2019 7:28:33		-122.359	37.716	2088528.693	6023930.590		2038.726	RS-700	-0.68725861635
12655	9/13/2019 7:28:34		-122.359	37.716	2088526.823	6023933.041		2214.338	RS-700	0.41721842767
12656	9/13/2019 7:28:35		-122.359	37.716	2088524.956	6023935.347		2173.454	RS-700	0.16008761006
12657	9/13/2019 7:28:36		-122.359	37.716	2088523.091	6023937.595		2182.215	RS-700	0.21518610063
12658	9/13/2019 7:28:37		-122.359	37.716	2088521.261	6023939.874		2194.335	RS-700	0.29141509434
12659	9/13/2019 7:28:38		-122.359	37.716	2088519.501	6023942.298		2135.988	RS-700	-0.07554622642
12660	9/13/2019 7:28:39		-122.359	37.716	2088517.706	6023944.663		2197.121	RS-700	0.30893886793
12661	9/13/2019 7:28:40		-122.359	37.716	2088516.023	6023946.887		2139.858	RS-700	-0.05120993711
12662	9/13/2019 7:28:41		-122.359	37.716	2088514.197	6023948.962		2130.298	RS-700	-0.11133194969
12663	9/13/2019 7:28:42		-122.359	37.716	2088512.263	6023950.978		2210.569	RS-700	0.39351729560
12664	9/13/2019 7:28:43		-122.359	37.716	2088510.331	6023952.936		2216.121	RS-700	0.42843578616
12665	9/13/2019 7:28:44		-122.359	37.716	2088508.469	6023955.011		2237.245	RS-700	0.56128672956
12666	9/13/2019 7:28:45		-122.359	37.716	2088506.679	6023957.116		2187.891	RS-700	0.25088886793
12667	9/13/2019 7:28:46		-122.359	37.716	2088505.031	6023959.369		2159.097	RS-700	0.06979465409
12668	9/13/2019 7:28:47		-122.359	37.716	2088503.201	6023961.676		2220.674	RS-700	0.45706616352
12669	9/13/2019 7:28:48		-122.359	37.716	2088501.333	6023964.069		2143.189	RS-700	-0.03025742138
12670	9/13/2019 7:28:49		-122.359	37.716	2088499.576	6023966.319		2172.190	RS-700	0.15214000000
12671	9/13/2019 7:28:50		-122.359	37.716	2088497.854	6023968.658		2052.534	RS-700	-0.60041251572
12672	9/13/2019 7:28:51		-122.359	37.716	2088496.388	6023970.972		2152.984	RS-700	0.03134761006
12673	9/13/2019 7:28:52		-122.359	37.716	2088495.140	6023973.290		2157.230	RS-700	0.05805088050
12674	9/13/2019 7:28:53		-122.359	37.716	2088493.967	6023975.524		2249.136	RS-700	0.63607672956
12675	9/13/2019 7:28:54		-122.359	37.716	2088492.612	6023977.753		2267.813	RS-700	0.75353930818
12676	9/13/2019 7:28:55		-122.359	37.716	2088490.892	6023979.976		2141.092	RS-700	-0.04344773585
12677	9/13/2019 7:28:56		-122.359	37.716	2088488.956	6023982.107		2112.279	RS-700	-0.22466062893
12678	9/13/2019 7:28:57		-122.359	37.716	2088487.129	6023984.270		2246.586	RS-700	0.62004018868
12679	9/13/2019 7:28:58		-122.359	37.716	2088485.229	6023986.402		2252.029	RS-700	0.65427113208
12680	9/13/2019 7:28:59		-122.359	37.716	2088483.327	6023988.649		2081.627	RS-700	-0.41743805031
12681	9/13/2019 7:29:00		-122.359	37.716	2088481.496	6023990.985		2124.759	RS-700	-0.14617119497
12682	9/13/2019 7:29:01		-122.359	37.716	2088479.702	6023993.293		2149.764	RS-700	0.01109597484
12683	9/13/2019 7:29:02		-122.359	37.716	2088477.873	6023995.542		2180.327	RS-700	0.20331591195
12684	9/13/2019 7:29:03		-122.359	37.716	2088476.008	6023997.733		2255.470	RS-700	0.67591314465
12685	9/13/2019 7:29:04		-122.359	37.716	2088474.288	6024000.013		2167.777	RS-700	0.12438113208
12686	9/13/2019 7:29:05		-122.359	37.716	2088472.602	6024002.381		2182.666	RS-700	0.21802251572
12687	9/13/2019 7:29:06		-122.359	37.716	2088471.097	6024004.810		2230.133	RS-700	0.51656056604

Gamma Scan Survey Results
Survey Unit 4 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
12688	9/13/2019 7:29:07		-122.359	37.716	2088469.561	6024006.950		2178.448	RS-700	0.19149383648
12689	9/13/2019 7:29:08		-122.359	37.716	2088468.366	6024008.459		2243.807	RS-700	0.60256006289
12690	9/13/2019 7:29:09		-122.359	37.716	2088467.543	6024009.513		2232.361	RS-700	0.53057264151
12691	9/13/2019 7:29:10		-122.359	37.716	2088467.060	6024010.024		2138.083	RS-700	-0.06237226415
12692	9/13/2019 7:29:11		-122.359	37.716	2088467.096	6024010.025		2165.878	RS-700	0.11244207547
12693	9/13/2019 7:29:12		-122.359	37.716	2088467.096	6024010.025		2154.553	RS-700	0.04121094340
12694	9/13/2019 7:29:13		-122.359	37.716	2088467.059	6024010.082		2173.455	RS-700	0.16009188679
12695	9/13/2019 7:29:14		-122.359	37.716	2088467.021	6024010.168		2199.219	RS-700	0.32213496855
12696	9/13/2019 7:29:15		-122.359	37.716	2088466.833	6024010.425		2246.254	RS-700	0.61794849057
12697	9/13/2019 7:29:16		-122.359	37.716	2088465.421	6024011.872		2135.162	RS-700	-0.08074157233
12698	9/13/2019 7:29:17		-122.359	37.716	2088463.707	6024013.806		2155.875	RS-700	0.04952968553
12699	9/13/2019 7:29:18		-122.359	37.716	2088461.915	6024015.998		2129.554	RS-700	-0.11601547170
12700	9/13/2019 7:29:19		-122.359	37.716	2088460.157	6024018.335		2143.657	RS-700	-0.02731396226
12701	9/13/2019 7:29:20		-122.359	37.716	2088458.363	6024020.672		2143.862	RS-700	-0.02602484277
12702	9/13/2019 7:29:21		-122.359	37.716	2088456.494	6024023.094		2085.753	RS-700	-0.39148993711
12703	9/13/2019 7:29:22		-122.359	37.716	2088454.698	6024025.488		2186.893	RS-700	0.24461257862
12704	9/13/2019 7:29:23		-122.359	37.716	2088452.902	6024027.912		2011.836	RS-700	-0.85637679245
12705	9/13/2019 7:29:24		-122.359	37.716	2088451.179	6024030.279		2152.884	RS-700	0.03071855346
12706	9/13/2019 7:29:25		-122.359	37.716	2088449.461	6024032.443		2112.541	RS-700	-0.22301446541
12707	9/13/2019 7:29:26		-122.359	37.716	2088447.778	6024034.696		2103.077	RS-700	-0.28253566038
12708	9/13/2019 7:29:27		-122.359	37.716	2088445.985	6024036.917		2153.885	RS-700	0.03701270440
12709	9/13/2019 7:29:28		-122.359	37.716	2088444.194	6024039.080		2028.829	RS-700	-0.74950352201
12710	9/13/2019 7:29:29		-122.359	37.716	2088442.510	6024041.361		2074.523	RS-700	-0.46212245283
12711	9/13/2019 7:29:30		-122.359	37.716	2088440.861	6024043.700		2011.723	RS-700	-0.85709031447
12712	9/13/2019 7:29:31		-122.359	37.716	2088439.286	6024045.983		2011.416	RS-700	-0.85901987421
12713	9/13/2019 7:29:32		-122.359	37.716	2088437.820	6024048.298		2037.216	RS-700	-0.69675257862
12714	9/13/2019 7:29:33		-122.359	37.716	2088436.281	6024050.611		2167.557	RS-700	0.12300088050
12715	9/13/2019 7:29:34		-122.359	37.716	2088434.854	6024052.781		1992.035	RS-700	-0.98091251572
12716	9/13/2019 7:29:35		-122.359	37.716	2088433.914	6024054.238		2046.847	RS-700	-0.63618364780
12717	9/13/2019 7:29:36		-122.359	37.716	2088433.191	6024055.815		2028.628	RS-700	-0.75076540881
12718	9/13/2019 7:29:37		-122.359	37.716	2088433.522	6024057.470		2060.318	RS-700	-0.55146207547
12719	9/13/2019 7:29:38		-122.359	37.716	2088434.251	6024059.278		2043.427	RS-700	-0.65768911950
12720	9/13/2019 7:29:39		-122.359	37.716	2088435.074	6024060.047		2051.730	RS-700	-0.60547364780
12721	9/13/2019 7:29:40		-122.359	37.716	2088434.105	6024059.305		2077.950	RS-700	-0.44056886793
12722	9/13/2019 7:29:41		-122.359	37.716	2088432.311	6024057.967		2073.884	RS-700	-0.46614050315
12723	9/13/2019 7:29:42		-122.359	37.716	2088431.856	6024057.003		2090.641	RS-700	-0.36075006289
12724	9/13/2019 7:29:43		-122.359	37.716	2088430.745	6024056.113		2122.763	RS-700	-0.15872088050
12725	9/13/2019 7:29:44		-122.359	37.716	2088430.030	6024055.463		1992.007	RS-700	-0.98108924528
12726	9/13/2019 7:29:45		-122.359	37.716	2088430.274	6024055.988		2150.084	RS-700	0.01310716981
12727	9/13/2019 7:29:46		-122.359	37.716	2088431.134	6024056.700		2133.763	RS-700	-0.08954314465
12728	9/13/2019 7:29:47		-122.359	37.716	2088431.532	6024056.852		2045.832	RS-700	-0.64256867925
12729	9/13/2019 7:29:48		-122.359	37.716	2088431.891	6024057.091		2148.882	RS-700	0.00554867925
12730	9/13/2019 7:29:49		-122.359	37.716	2088432.470	6024057.276		2194.886	RS-700	0.29488188679
12731	9/13/2019 7:29:50		-122.359	37.716	2088433.992	6024057.653		2051.831	RS-700	-0.60483647799
12732	9/13/2019 7:29:51		-122.359	37.716	2088435.528	6024057.337		2071.836	RS-700	-0.47901672956
12733	9/13/2019 7:29:52		-122.359	37.716	2088435.930	6024057.258		2125.879	RS-700	-0.13912547170
12734	9/13/2019 7:29:53		-122.359	37.716	2088434.752	6024057.900		2045.422	RS-700	-0.64514603774
12735	9/13/2019 7:29:54		-122.359	37.716	2088433.278	6024058.767		2101.854	RS-700	-0.29022421384
12736	9/13/2019 7:29:55		-122.359	37.716	2088432.653	6024059.073		2141.655	RS-700	-0.03990597484
12737	9/13/2019 7:29:56		-122.359	37.716	2088432.394	6024059.299		2091.851	RS-700	-0.35313710692
12738	9/13/2019 7:29:57		-122.359	37.716	2088433.755	6024058.574		2006.917	RS-700	-0.88731754717
12739	9/13/2019 7:29:58		-122.359	37.716	2088435.577	6024056.701		2087.639	RS-700	-0.37962723270
12740	9/13/2019 7:29:59		-122.359	37.716	2088436.889	6024054.818		2164.838	RS-700	0.10589672956
12741	9/13/2019 7:30:00		-122.359	37.716	2088438.595	6024053.289		2147.657	RS-700	-0.00215792453
12742	9/13/2019 7:30:01		-122.359	37.716	2088440.306	6024051.472		1984.799	RS-700	-1.02642433962
12743	9/13/2019 7:30:02		-122.359	37.716	2088441.882	6024049.131		1922.777	RS-700	-1.41649377358
12744	9/13/2019 7:30:03		-122.359	37.716	2088443.345	6024047.019		2100.981	RS-700	-0.29571635220
12745	9/13/2019 7:30:04		-122.359	37.716	2088444.872	6024045.313		1984.706	RS-700	-1.02700716981
12746	9/13/2019 7:30:05		-122.359	37.716	2088446.472	6024043.580		2086.435	RS-700	-0.38720421384
12747	9/13/2019 7:30:06		-122.359	37.716	2088448.032	6024042.049		2150.197	RS-700	0.01382025157
12748	9/13/2019 7:30:07		-122.359	37.716	2088449.225	6024040.655		2166.979	RS-700	0.11936339623

Gamma Scan Survey Results
Survey Unit 4 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
12749	9/13/2019 7:30:08		-122.359	37.716	2088450.940	6024038.664		2203.249	RS-700	0.34748025157
12750	9/13/2019 7:30:09		-122.359	37.716	2088452.692	6024036.645		2125.610	RS-700	-0.14082069182
12751	9/13/2019 7:30:10		-122.359	37.716	2088454.334	6024034.652		2058.837	RS-700	-0.56077465409
12752	9/13/2019 7:30:11		-122.359	37.716	2088455.753	6024032.887		2147.657	RS-700	-0.00215710692
12753	9/13/2019 7:30:12		-122.359	37.716	2088457.429	6024031.011		2112.542	RS-700	-0.22300427673
12754	9/13/2019 7:30:13		-122.359	37.716	2088459.142	6024029.106		2166.877	RS-700	0.11872207547
12755	9/13/2019 7:30:14		-122.359	37.716	2088460.820	6024027.143		2137.296	RS-700	-0.06731905660
12756	9/13/2019 7:30:15		-122.359	37.716	2088462.536	6024025.065		2204.336	RS-700	0.35431308176
12757	9/13/2019 7:30:16		-122.359	37.716	2088464.179	6024023.044		2168.321	RS-700	0.12780610063
12758	9/13/2019 7:30:17		-122.359	37.716	2088465.788	6024020.906		2146.979	RS-700	-0.00642157233
12759	9/13/2019 7:30:18		-122.359	37.716	2088467.432	6024018.798		2102.969	RS-700	-0.28321232704
12760	9/13/2019 7:30:19		-122.359	37.716	2088469.184	6024016.750		2205.006	RS-700	0.35852672956
12761	9/13/2019 7:30:20		-122.359	37.716	2088470.972	6024014.760		2182.216	RS-700	0.21519515723
12762	9/13/2019 7:30:21		-122.359	37.716	2088472.724	6024012.712		2235.792	RS-700	0.55214836478
12763	9/13/2019 7:30:22		-122.359	37.716	2088474.513	6024010.664		2274.924	RS-700	0.79826515723
12764	9/13/2019 7:30:23		-122.359	37.716	2088476.228	6024008.673		2269.254	RS-700	0.76260176101
12765	9/13/2019 7:30:24		-122.359	37.716	2088477.833	6024006.680		2237.038	RS-700	0.55998679245
12766	9/13/2019 7:30:25		-122.359	37.716	2088479.584	6024004.719		2208.455	RS-700	0.38021861635
12767	9/13/2019 7:30:26		-122.359	37.716	2088481.446	6024002.673		2229.922	RS-700	0.51523534591
12768	9/13/2019 7:30:27		-122.359	37.716	2088483.383	6024000.483		2221.462	RS-700	0.46202433962
12769	9/13/2019 7:30:28		-122.359	37.716	2088485.139	6023998.262		2220.480	RS-700	0.45584937107
12770	9/13/2019 7:30:29		-122.359	37.716	2088486.747	6023996.124		2270.816	RS-700	0.77242987421
12771	9/13/2019 7:30:30		-122.359	37.716	2088488.321	6023993.898		2039.231	RS-700	-0.68408056604
12772	9/13/2019 7:30:31		-122.359	37.716	2088490.040	6023991.705		2256.577	RS-700	0.68287465409
12773	9/13/2019 7:30:32		-122.359	37.716	2088491.758	6023989.540		2197.895	RS-700	0.31380301887
12774	9/13/2019 7:30:33		-122.359	37.716	2088493.511	6023987.463		2285.699	RS-700	0.86602874214
12775	9/13/2019 7:30:34		-122.359	37.716	2088495.157	6023985.268		2235.471	RS-700	0.55013308176
12776	9/13/2019 7:30:35		-122.359	37.716	2088496.802	6023983.131		2210.897	RS-700	0.39558018868
12777	9/13/2019 7:30:36		-122.359	37.716	2088498.446	6023981.052		2140.083	RS-700	-0.04979484277
12778	9/13/2019 7:30:37		-122.359	37.716	2088499.981	6023978.941		2235.470	RS-700	0.55012396226
12779	9/13/2019 7:30:38		-122.359	37.716	2088501.479	6023976.859		2178.569	RS-700	0.19225836478
12780	9/13/2019 7:30:39		-122.359	37.716	2088502.906	6023974.689		2221.348	RS-700	0.46130685535
12781	9/13/2019 7:30:40		-122.359	37.716	2088504.296	6023972.547		2144.658	RS-700	-0.02101786164
12782	9/13/2019 7:30:41		-122.359	37.716	2088505.757	6023970.493		2168.557	RS-700	0.12928949686
12783	9/13/2019 7:30:42		-122.359	37.716	2088507.214	6023968.641		2205.875	RS-700	0.36399509434
12784	9/13/2019 7:30:43		-122.359	37.716	2088508.780	6023966.850		2203.562	RS-700	0.34944748428
12785	9/13/2019 7:30:44		-122.359	37.716	2088510.421	6023964.915		2274.919	RS-700	0.79823276730
12786	9/13/2019 7:30:45		-122.359	37.716	2088512.101	6023962.836		2126.207	RS-700	-0.13706377359
12787	9/13/2019 7:30:46		-122.359	37.716	2088513.781	6023960.729		2149.413	RS-700	0.00888660377
12788	9/13/2019 7:30:47		-122.359	37.716	2088515.390	6023958.591		2143.972	RS-700	-0.02533402516
12789	9/13/2019 7:30:48		-122.359	37.716	2088516.925	6023956.481		2095.956	RS-700	-0.32732264151
12790	9/13/2019 7:30:49		-122.359	37.716	2088518.535	6023954.285		2145.284	RS-700	-0.01707899371
12791	9/13/2019 7:30:50		-122.359	37.716	2088520.219	6023951.975		2140.659	RS-700	-0.04617119497
12792	9/13/2019 7:30:51		-122.359	37.716	2088521.868	6023949.664		2221.123	RS-700	0.45989188679
12793	9/13/2019 7:30:52		-122.359	37.716	2088523.662	6023947.357		2221.505	RS-700	0.46229496855
12794	9/13/2019 7:30:53		-122.359	37.716	2088525.420	6023945.019		2182.776	RS-700	0.21871685535
12795	9/13/2019 7:30:54		-122.359	37.716	2088527.033	6023942.650		2197.011	RS-700	0.30824345912
12796	9/13/2019 7:30:55		-122.359	37.716	2088528.786	6023940.573		2207.566	RS-700	0.37463012579
12797	9/13/2019 7:30:56		-122.359	37.716	2088530.504	6023938.437		2092.070	RS-700	-0.35176201258
12798	9/13/2019 7:30:57		-122.359	37.716	2088532.187	6023936.214		2128.331	RS-700	-0.12370188679
12799	9/13/2019 7:30:58		-122.359	37.716	2088533.944	6023933.905		2164.097	RS-700	0.10124094340
12800	9/13/2019 7:30:59		-122.359	37.716	2088535.739	6023931.540		2132.866	RS-700	-0.09517943396
12801	9/13/2019 7:31:00		-122.359	37.716	2088537.533	6023929.232		2074.947	RS-700	-0.45945062893
12802	9/13/2019 7:31:01		-122.359	37.716	2088539.290	6023926.953		2282.836	RS-700	0.84802509434
12803	9/13/2019 7:31:02		-122.359	37.716	2088541.155	6023924.762		2262.694	RS-700	0.72134364780
12804	9/13/2019 7:31:03		-122.359	37.716	2088543.021	6023922.456		2222.123	RS-700	0.46618289308
12805	9/13/2019 7:31:04		-122.359	37.716	2088544.851	6023920.178		2241.135	RS-700	0.58575704403
12806	9/13/2019 7:31:05		-122.359	37.716	2088546.608	6023917.898		2443.366	RS-700	1.85764811321
12807	9/13/2019 7:31:06		-122.359	37.716	2088548.290	6023915.733		2272.038	RS-700	0.78011276730
12808	9/13/2019 7:31:07		-122.359	37.716	2088549.935	6023913.596		2337.250	RS-700	1.19025000000
12809	9/13/2019 7:31:08		-122.359	37.716	2088551.472	6023911.398		2226.017	RS-700	0.49067188679

Gamma Scan Survey Results
Survey Unit 4 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
12810	9/13/2019 7:31:09		-122.359	37.716	2088553.120	6023909.117		2239.572	RS-700	0.57592402516
12811	9/13/2019 7:31:10		-122.359	37.716	2088554.767	6023906.835		2206.009	RS-700	0.36483830189
12812	9/13/2019 7:31:11		-122.359	37.716	2088556.597	6023904.586		2169.444	RS-700	0.13487012579
12813	9/13/2019 7:31:12		-122.359	37.716	2088558.424	6023902.452		2363.842	RS-700	1.35749647799
12814	9/13/2019 7:31:13		-122.359	37.716	2088560.252	6023900.232		2227.559	RS-700	0.50037402516
12815	9/13/2019 7:31:14		-122.359	37.716	2088562.079	6023898.099		2232.022	RS-700	0.52844226415
12816	9/13/2019 7:31:15		-122.359	37.716	2088563.723	6023895.990		2231.026	RS-700	0.52217704403
12817	9/13/2019 7:31:16		-122.359	37.716	2088565.405	6023893.854		2315.941	RS-700	1.05623157233
12818	9/13/2019 7:31:17		-122.359	37.716	2088567.089	6023891.573		2199.335	RS-700	0.32286421384
12819	9/13/2019 7:31:18		-122.359	37.716	2088568.845	6023889.351		2208.577	RS-700	0.38098584906
12820	9/13/2019 7:31:19		-122.359	37.716	2088570.712	6023887.016		2254.021	RS-700	0.66679591195
12821	9/13/2019 7:31:20		-122.359	37.716	2088572.690	6023884.625		2177.773	RS-700	0.18725207547
12822	9/13/2019 7:31:21		-122.359	37.716	2088574.666	6023882.292		2099.952	RS-700	-0.30218918239
12823	9/13/2019 7:31:22		-122.359	37.716	2088576.713	6023880.076		2146.086	RS-700	-0.01203874214
12824	9/13/2019 7:31:23		-122.359	37.716	2088578.762	6023877.773		2141.199	RS-700	-0.04277301887
12825	9/13/2019 7:31:24		-122.359	37.716	2088580.562	6023875.177		2222.019	RS-700	0.46553056604
12826	9/13/2019 7:31:25		-122.359	37.716	2088582.541	6023872.699		2118.852	RS-700	-0.18332050315
12827	9/13/2019 7:31:26		-122.359	37.716	2088584.413	6023870.132		2201.788	RS-700	0.33828924528
12828	9/13/2019 7:31:27		-122.359	37.716	2088586.286	6023867.508		2168.989	RS-700	0.13200415094
12829	9/13/2019 7:31:28		-122.359	37.716	2088588.012	6023864.967		2094.430	RS-700	-0.33691547170
12830	9/13/2019 7:31:29		-122.359	37.716	2088589.699	6023862.542		2126.975	RS-700	-0.13223339623
12831	9/13/2019 7:31:30		-122.359	37.716	2088591.275	6023860.230		2173.654	RS-700	0.16134459120
12832	9/13/2019 7:31:31		-122.359	37.716	2088593.176	6023858.011		2155.767	RS-700	0.04884779874
12833	9/13/2019 7:31:32		-122.359	37.716	2088595.189	6023855.679		2211.899	RS-700	0.40187861635
12834	9/13/2019 7:31:33		-122.359	37.716	2088597.203	6023853.317		2134.080	RS-700	-0.08754427673
12835	9/13/2019 7:31:34		-122.359	37.716	2088599.327	6023850.900		2130.868	RS-700	-0.10775125786
12836	9/13/2019 7:31:35		-122.359	37.716	2088601.230	6023848.566		2136.971	RS-700	-0.06936691824
12837	9/13/2019 7:31:36		-122.359	37.716	2088602.953	6023846.170		2110.849	RS-700	-0.23365157233
12838	9/13/2019 7:31:37		-122.359	37.716	2088604.713	6023843.775		2057.737	RS-700	-0.56769496855
12839	9/13/2019 7:31:38		-122.360	37.716	2088606.399	6023841.407		2106.850	RS-700	-0.25880490566
12840	9/13/2019 7:31:39		-122.360	37.716	2088608.405	6023839.422		2098.324	RS-700	-0.31242672956
12841	9/13/2019 7:31:40		-122.360	37.716	2088609.796	6023837.222		1960.707	RS-700	-1.17794031447
12842	9/13/2019 7:31:41		-122.360	37.716	2088611.166	6023836.063		1908.686	RS-700	-1.50511805031
12843	9/13/2019 7:31:42		-122.360	37.716	2088612.730	6023834.329		2045.829	RS-700	-0.64258729560
12844	9/13/2019 7:31:43		-122.360	37.716	2088614.590	6023832.399		2165.103	RS-700	0.10756603774
12845	9/13/2019 7:31:44		-122.360	37.716	2088615.951	6023829.880		1636.336	RS-700	-3.21801270440
12846	9/13/2019 7:31:45		-122.360	37.716	2088617.333	6023828.143		1021.258	RS-700	-7.08642679245
12847	9/13/2019 7:31:46		-122.360	37.716	2088618.830	6023826.118		1297.400	RS-700	-5.34968710692
12848	9/13/2019 7:31:47		-122.360	37.716	2088620.437	6023824.067		2012.612	RS-700	-0.85149396226
12849	9/13/2019 7:31:48		-122.360	37.716	2088622.155	6023821.903		2097.751	RS-700	-0.31603295598
12850	9/13/2019 7:31:49		-122.360	37.716	2088624.060	6023819.510		2208.671	RS-700	0.38158113208
12851	9/13/2019 7:31:50		-122.360	37.716	2088626.035	6023817.264		2193.111	RS-700	0.28371509434
12852	9/13/2019 7:31:51		-122.360	37.716	2088627.936	6023815.074		2142.970	RS-700	-0.03163213836
12853	9/13/2019 7:31:52		-122.360	37.716	2088629.764	6023812.883		2206.790	RS-700	0.36974955975
12854	9/13/2019 7:31:53		-122.360	37.716	2088631.558	6023810.546		2053.840	RS-700	-0.59220169811
12855	9/13/2019 7:31:54		-122.360	37.716	2088633.464	6023808.125		2153.094	RS-700	0.03203842767
12856	9/13/2019 7:31:55		-122.360	37.716	2088635.402	6023805.878		2211.689	RS-700	0.40056270440
12857	9/13/2019 7:31:56		-122.360	37.716	2088637.341	6023803.602		2133.648	RS-700	-0.09026201258
12858	9/13/2019 7:31:57		-122.360	37.716	2088639.170	6023801.382		2256.691	RS-700	0.68359389937
12859	9/13/2019 7:31:58		-122.360	37.716	2088640.889	6023799.159		2115.859	RS-700	-0.20214176101
12860	9/13/2019 7:31:59		-122.360	37.716	2088642.461	6023797.021		2086.845	RS-700	-0.38462163522
12861	9/13/2019 7:32:00		-122.360	37.716	2088643.961	6023794.881		2304.552	RS-700	0.98460496855
12862	9/13/2019 7:32:01		-122.360	37.716	2088645.165	6023792.908		2217.790	RS-700	0.43892993711
12863	9/13/2019 7:32:02		-122.360	37.716	2088646.093	6023792.059		2259.036	RS-700	0.69834069182
12864	9/13/2019 7:32:03		-122.360	37.716	2088647.122	6023791.559		2212.118	RS-700	0.40326012579
12865	9/13/2019 7:32:04		-122.360	37.716	2088648.144	6023791.434		2200.787	RS-700	0.33199251572
12866	9/13/2019 7:32:05		-122.360	37.716	2088647.239	6023791.156		2226.110	RS-700	0.49125710692
12867	9/13/2019 7:32:06		-122.360	37.716	2088645.407	6023789.904		2225.908	RS-700	0.48999031447
12868	9/13/2019 7:32:07		-122.360	37.716	2088644.866	6023789.633		2230.690	RS-700	0.52006044025
12869	9/13/2019 7:32:08		-122.360	37.716	2088645.697	6023789.997		2185.558	RS-700	0.23621540881
12870	9/13/2019 7:32:09		-122.360	37.716	2088647.137	6023790.836		2218.009	RS-700	0.44031006289

Gamma Scan Survey Results
Survey Unit 4 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
12871	9/13/2019 7:32:10		-122.360	37.716	2088648.026	6023791.895		2219.903	RS-700	0.45222264151
12872	9/13/2019 7:32:11		-122.360	37.716	2088648.438	6023793.147		2158.665	RS-700	0.06707729560
12873	9/13/2019 7:32:12		-122.360	37.716	2088648.452	6023794.305		2165.775	RS-700	0.11179194969
12874	9/13/2019 7:32:13		-122.360	37.716	2088648.449	6023794.449		2338.945	RS-700	1.20091232704
12875	9/13/2019 7:32:14		-122.360	37.716	2088649.308	6023793.367		2256.809	RS-700	0.68433628931
12876	9/13/2019 7:32:15		-122.360	37.716	2088650.240	6023792.257		2245.361	RS-700	0.61233226415
12877	9/13/2019 7:32:16		-122.360	37.716	2088650.240	6023792.286		2327.161	RS-700	1.12679679245
12878	9/13/2019 7:32:17		-122.360	37.716	2088649.530	6023793.169		2173.558	RS-700	0.16074232704
12879	9/13/2019 7:32:18		-122.360	37.716	2088647.889	6023795.103		2274.924	RS-700	0.79826534591
12880	9/13/2019 7:32:19		-122.360	37.716	2088646.204	6023797.442		2245.016	RS-700	0.61016138365
12881	9/13/2019 7:32:20		-122.360	37.716	2088644.411	6023799.721		2215.896	RS-700	0.42701660377
12882	9/13/2019 7:32:21		-122.360	37.716	2088642.397	6023802.082		2162.448	RS-700	0.09086698113
12883	9/13/2019 7:32:22		-122.360	37.716	2088640.566	6023804.418		2177.324	RS-700	0.18442798742
12884	9/13/2019 7:32:23		-122.360	37.716	2088638.588	6023806.838		2234.904	RS-700	0.54656893082
12885	9/13/2019 7:32:24		-122.360	37.716	2088636.684	6023809.173		2174.777	RS-700	0.16841188679
12886	9/13/2019 7:32:25		-122.360	37.716	2088634.926	6023811.510		2124.655	RS-700	-0.14682616352
12887	9/13/2019 7:32:26		-122.360	37.716	2088633.095	6023813.846		2125.189	RS-700	-0.14346522013
12888	9/13/2019 7:32:27		-122.360	37.716	2088631.301	6023816.154		2218.690	RS-700	0.44459194969
12889	9/13/2019 7:32:28		-122.360	37.716	2088629.616	6023818.492		2202.894	RS-700	0.34524698113
12890	9/13/2019 7:32:29		-122.360	37.716	2088627.784	6023820.857		2148.773	RS-700	0.00486081761
12891	9/13/2019 7:32:30		-122.360	37.716	2088626.321	6023822.998		2096.633	RS-700	-0.32306289308
12892	9/13/2019 7:32:31		-122.360	37.716	2088624.672	6023825.366		2033.727	RS-700	-0.71869924528
12893	9/13/2019 7:32:32		-122.360	37.716	2088623.245	6023827.537		1245.322	RS-700	-5.67722327044
12894	9/13/2019 7:32:33		-122.360	37.716	2088622.013	6023829.046		945.151	RS-700	-7.56508874214
12895	9/13/2019 7:32:34		-122.360	37.716	2088620.743	6023830.641		1096.172	RS-700	-6.61527106918
12896	9/13/2019 7:32:35		-122.360	37.716	2088619.802	6023832.155		1751.449	RS-700	-2.49403276730
12897	9/13/2019 7:32:36		-122.360	37.716	2088618.826	6023833.640		2120.746	RS-700	-0.17140987421
12898	9/13/2019 7:32:37		-122.360	37.716	2088618.077	6023834.696		2089.952	RS-700	-0.36508402516
12899	9/13/2019 7:32:38		-122.360	37.716	2088616.995	6023836.005		1984.411	RS-700	-1.02885968553
12900	9/13/2019 7:32:39		-122.360	37.716	2088616.059	6023837.288		1663.699	RS-700	-3.04591817610
12901	9/13/2019 7:32:40		-122.360	37.716	2088614.901	6023838.712		1586.391	RS-700	-3.53213496855
12902	9/13/2019 7:32:41		-122.360	37.716	2088613.780	6023840.136		1748.379	RS-700	-2.51334220126
12903	9/13/2019 7:32:42		-122.360	37.716	2088613.033	6023841.076		1962.611	RS-700	-1.16596597484
12904	9/13/2019 7:32:43		-122.359	37.716	2088612.360	6023841.959		2020.714	RS-700	-0.80054213837
12905	9/13/2019 7:32:44		-122.359	37.716	2088611.574	6023843.043		1970.088	RS-700	-1.11894345912
12906	9/13/2019 7:32:45		-122.359	37.716	2088610.270	6023844.522		2039.924	RS-700	-0.67972641509
12907	9/13/2019 7:32:46		-122.359	37.716	2088608.896	6023845.825		2123.755	RS-700	-0.15248163522
12908	9/13/2019 7:32:47		-122.359	37.716	2088607.253	6023847.876		2006.415	RS-700	-0.89047031447
12909	9/13/2019 7:32:48		-122.359	37.716	2088606.126	6023849.647		2267.154	RS-700	0.74939352201
12910	9/13/2019 7:32:49		-122.359	37.716	2088604.374	6023851.637		2197.325	RS-700	0.31022062893
12911	9/13/2019 7:32:50		-122.359	37.716	2088602.660	6023853.599		2249.026	RS-700	0.63538628931
12912	9/13/2019 7:32:51		-122.359	37.716	2088601.161	6023855.710		2174.425	RS-700	0.16619377359
12913	9/13/2019 7:32:52		-122.359	37.716	2088599.589	6023857.849		2249.453	RS-700	0.63806867925
12914	9/13/2019 7:32:53		-122.359	37.716	2088597.984	6023859.842		2078.849	RS-700	-0.43491352201
12915	9/13/2019 7:32:54		-122.359	37.716	2088596.522	6023861.896		2188.000	RS-700	0.25157270440
12916	9/13/2019 7:32:55		-122.359	37.716	2088595.098	6023863.951		2215.131	RS-700	0.42220723270
12917	9/13/2019 7:32:56		-122.359	37.716	2088593.456	6023865.915		2080.262	RS-700	-0.42602716981
12918	9/13/2019 7:32:57		-122.359	37.716	2088592.817	6023866.914		2155.091	RS-700	0.04459987421
12919	9/13/2019 7:32:58		-122.359	37.716	2088592.330	6023867.628		2260.251	RS-700	0.70597981132
12920	9/13/2019 7:32:59		-122.359	37.716	2088592.069	6023867.912		2149.982	RS-700	0.01246371069
12921	9/13/2019 7:33:00		-122.359	37.716	2088592.105	6023867.913		2111.648	RS-700	-0.22862691824
12922	9/13/2019 7:33:01		-122.359	37.716	2088592.105	6023867.913		2100.755	RS-700	-0.29713981132
12923	9/13/2019 7:33:02		-122.359	37.716	2088592.142	6023867.885		2108.066	RS-700	-0.25115528302
12924	9/13/2019 7:33:03		-122.359	37.716	2088592.142	6023867.885		2172.559	RS-700	0.15445635220
12925	9/13/2019 7:33:04		-122.359	37.716	2088592.142	6023867.885		2088.846	RS-700	-0.37203943396
12926	9/13/2019 7:33:05		-122.359	37.716	2088592.142	6023867.914		2106.190	RS-700	-0.26295314465
12927	9/13/2019 7:33:06		-122.359	37.716	2088592.105	6023867.913		2101.544	RS-700	-0.29217786164
12928	9/13/2019 7:33:07		-122.359	37.716	2088592.105	6023867.913		2078.749	RS-700	-0.43554119497
12929	9/13/2019 7:33:08		-122.359	37.716	2088592.142	6023867.914		2177.339	RS-700	0.18452188679
12930	9/13/2019 7:33:09		-122.359	37.716	2088592.106	6023867.884		2154.985	RS-700	0.04393119497
12931	9/13/2019 7:33:10		-122.359	37.716	2088592.106	6023867.884		2178.782	RS-700	0.19359779874

Gamma Scan Survey Results
Survey Unit 4 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
12932	9/13/2019 7:33:11		-122.359	37.716	2088592.070	6023867.883		2118.435	RS-700	-0.18594232704
12933	9/13/2019 7:33:12		-122.359	37.716	2088592.105	6023867.913		2196.112	RS-700	0.30259176101
12934	9/13/2019 7:33:13		-122.359	37.716	2088592.105	6023867.913		2175.671	RS-700	0.17403427673
12935	9/13/2019 7:33:14		-122.359	37.716	2088592.105	6023867.913		2207.686	RS-700	0.37538371069
12936	9/13/2019 7:33:15		-122.359	37.716	2088592.105	6023867.913		2134.439	RS-700	-0.08528716981
12937	9/13/2019 7:33:16		-122.359	37.716	2088592.105	6023867.942		2195.448	RS-700	0.29841773585
12938	9/13/2019 7:33:17		-122.359	37.716	2088592.105	6023867.913		2156.877	RS-700	0.05582779874
12939	9/13/2019 7:33:18		-122.359	37.716	2088592.105	6023867.913		2208.670	RS-700	0.38156987421
12940	9/13/2019 7:33:19		-122.359	37.716	2088592.105	6023867.942		2041.238	RS-700	-0.67145918239
12941	9/13/2019 7:33:20		-122.359	37.716	2088592.105	6023867.913		2084.733	RS-700	-0.39790616352
12942	9/13/2019 7:33:21		-122.359	37.716	2088592.105	6023867.913		2192.677	RS-700	0.28098955975
12943	9/13/2019 7:33:22		-122.359	37.716	2088592.105	6023867.913		2170.665	RS-700	0.14254849057
12944	9/13/2019 7:33:23		-122.359	37.716	2088592.105	6023867.913		2216.128	RS-700	0.42847886793
12945	9/13/2019 7:33:24		-122.359	37.716	2088592.105	6023867.913		2184.784	RS-700	0.23134490566
12946	9/13/2019 7:33:25		-122.359	37.716	2088592.106	6023867.884		2115.961	RS-700	-0.20150226415
12947	9/13/2019 7:33:26		-122.359	37.716	2088592.106	6023867.884		2159.883	RS-700	0.07473566038
12948	9/13/2019 7:33:27		-122.359	37.716	2088592.106	6023867.884		2199.562	RS-700	0.32429000000
12949	9/13/2019 7:33:28		-122.359	37.716	2088592.107	6023867.855		2247.354	RS-700	0.62486729560
12950	9/13/2019 7:33:29		-122.359	37.716	2088592.107	6023867.855		2155.231	RS-700	0.04547685535
12951	9/13/2019 7:33:30		-122.359	37.716	2088592.143	6023867.856		2055.425	RS-700	-0.58223459120
12952	9/13/2019 7:33:31		-122.359	37.716	2088592.107	6023867.855		2115.278	RS-700	-0.20579723270
12953	9/13/2019 7:33:32		-122.359	37.716	2088592.143	6023867.856		2121.864	RS-700	-0.16437754717
12954	9/13/2019 7:33:33		-122.359	37.716	2088592.143	6023867.856		2093.747	RS-700	-0.34121433962
12955	9/13/2019 7:33:34		-122.359	37.716	2088592.143	6023867.856		2207.116	RS-700	0.37179672956
12956	9/13/2019 7:33:35		-122.359	37.716	2088592.143	6023867.856		2179.995	RS-700	0.20122880503
12957	9/13/2019 7:33:36		-122.359	37.716	2088592.143	6023867.856		2133.872	RS-700	-0.08885786164
12958	9/13/2019 7:33:37		-122.359	37.716	2088592.179	6023867.856		2130.545	RS-700	-0.10977691824
12959	9/13/2019 7:33:38		-122.359	37.716	2088592.179	6023867.856		2170.772	RS-700	0.14322207547
12960	9/13/2019 7:33:39		-122.359	37.716	2088592.180	6023867.828		2190.559	RS-700	0.26766698113
12961	9/13/2019 7:33:40		-122.359	37.716	2088592.180	6023867.828		2130.626	RS-700	-0.10926836478
12962	9/13/2019 7:33:41		-122.359	37.716	2088592.180	6023867.828		2197.893	RS-700	0.31379012579
12963	9/13/2019 7:33:42		-122.359	37.716	2088592.144	6023867.827		2176.885	RS-700	0.18166905660
12964	9/13/2019 7:33:43		-122.359	37.716	2088592.144	6023867.798		2153.306	RS-700	0.03337144654
12965	9/13/2019 7:33:44		-122.359	37.716	2088592.144	6023867.798		2205.008	RS-700	0.35854238994
12966	9/13/2019 7:33:45		-122.359	37.716	2088592.144	6023867.798		2135.763	RS-700	-0.07696433962
12967	9/13/2019 7:33:46		-122.359	37.716	2088592.144	6023867.798		2177.231	RS-700	0.18384484277
12968	9/13/2019 7:33:47		-122.359	37.716	2088592.144	6023867.798		2113.015	RS-700	-0.22003182390
12969	9/13/2019 7:33:48		-122.359	37.716	2088592.108	6023867.797		2212.573	RS-700	0.40611987421
12970	9/13/2019 7:33:49		-122.359	37.716	2088592.144	6023867.798		2204.229	RS-700	0.35363899371
12971	9/13/2019 7:33:50		-122.359	37.716	2088592.144	6023867.827		2127.438	RS-700	-0.12932169811
12972	9/13/2019 7:33:51		-122.359	37.716	2088592.144	6023867.827		2152.671	RS-700	0.02937471698
12973	9/13/2019 7:33:52		-122.359	37.716	2088592.144	6023867.798		2139.333	RS-700	-0.05451144654
12974	9/13/2019 7:33:53		-122.359	37.716	2088592.144	6023867.798		2186.334	RS-700	0.24109641509
12975	9/13/2019 7:33:54		-122.359	37.716	2088592.144	6023867.798		2238.017	RS-700	0.56614188679
12976	9/13/2019 7:33:55		-122.359	37.716	2088592.144	6023867.798		2189.894	RS-700	0.26348446541
12977	9/13/2019 7:33:56		-122.359	37.716	2088592.181	6023867.799		2159.416	RS-700	0.07179710692
12978	9/13/2019 7:33:57		-122.359	37.716	2088592.144	6023867.798		2117.390	RS-700	-0.19251371069
12979	9/13/2019 7:33:58		-122.359	37.716	2088592.181	6023867.799		2102.550	RS-700	-0.28585062893
12980	9/13/2019 7:33:59		-122.359	37.716	2088592.145	6023867.769		2249.364	RS-700	0.63750641509
12981	9/13/2019 7:34:00		-122.359	37.716	2088592.145	6023867.769		2081.062	RS-700	-0.42099339623
12982	9/13/2019 7:34:01		-122.359	37.716	2088592.145	6023867.769		2196.000	RS-700	0.30188742138
12983	9/13/2019 7:34:02		-122.359	37.716	2088592.145	6023867.769		2132.192	RS-700	-0.09942213836
12984	9/13/2019 7:34:03		-122.359	37.716	2088592.145	6023867.769		2099.855	RS-700	-0.30279880503
12985	9/13/2019 7:34:04		-122.359	37.716	2088592.145	6023867.740		2202.676	RS-700	0.34387572327
12986	9/13/2019 7:34:05		-122.359	37.716	2088592.145	6023867.769		2204.996	RS-700	0.35846352201
12987	9/13/2019 7:34:06		-122.359	37.716	2088592.145	6023867.769		2172.098	RS-700	0.15156220126
12988	9/13/2019 7:34:07		-122.359	37.716	2088592.145	6023867.769		2166.557	RS-700	0.11671245283
12989	9/13/2019 7:34:08		-122.359	37.716	2088592.145	6023867.769		2241.912	RS-700	0.59064081761
12990	9/13/2019 7:34:09		-122.359	37.716	2088592.145	6023867.769		2153.891	RS-700	0.03705119497
12991	9/13/2019 7:34:10		-122.359	37.716	2088592.181	6023867.770		2197.128	RS-700	0.30898396226
12992	9/13/2019 7:34:11		-122.359	37.716	2088592.181	6023867.770		2245.574	RS-700	0.61367383648

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SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
12993	9/13/2019 7:34:12		-122.359	37.716	2088592.181	6023867.799		2158.765	RS-700	0.06770635220
12994	9/13/2019 7:34:13		-122.359	37.716	2088592.145	6023867.769		2173.341	RS-700	0.15937968554
12995	9/13/2019 7:34:14		-122.359	37.716	2088592.145	6023867.769		2078.056	RS-700	-0.43989893082
12996	9/13/2019 7:34:15		-122.359	37.716	2088592.070	6023867.883		2268.385	RS-700	0.75713811321
12997	9/13/2019 7:34:16		-122.359	37.716	2088591.583	6023868.539		2129.782	RS-700	-0.11457855346
12998	9/13/2019 7:34:17		-122.359	37.716	2088590.649	6023869.707		2049.936	RS-700	-0.61675238994
12999	9/13/2019 7:34:18		-122.359	37.716	2088589.007	6023871.728		2201.775	RS-700	0.33820779874
13000	9/13/2019 7:34:19		-122.359	37.716	2088588.211	6023873.274		2187.452	RS-700	0.24812842767
13001	9/13/2019 7:34:20		-122.359	37.716	2088587.045	6023875.161		2054.423	RS-700	-0.58853572327
13002	9/13/2019 7:34:21		-122.359	37.716	2088585.659	6023877.100		2095.964	RS-700	-0.32727106918
13003	9/13/2019 7:34:22		-122.359	37.716	2088584.165	6023878.951		2143.450	RS-700	-0.02861566038
13004	9/13/2019 7:34:23		-122.359	37.716	2088582.189	6023881.255		2109.647	RS-700	-0.24121081761
13005	9/13/2019 7:34:24		-122.359	37.716	2088580.432	6023883.535		2100.748	RS-700	-0.29718207547
13006	9/13/2019 7:34:25		-122.359	37.716	2088579.155	6023885.506		2080.638	RS-700	-0.42366056604
13007	9/13/2019 7:34:26		-122.359	37.716	2088577.509	6023887.701		2265.241	RS-700	0.73736685535
13008	9/13/2019 7:34:27		-122.359	37.716	2088575.896	6023890.041		2164.225	RS-700	0.10204125786
13009	9/13/2019 7:34:28		-122.359	37.716	2088574.246	6023892.467		2151.312	RS-700	0.02082905660
13010	9/13/2019 7:34:29		-122.359	37.716	2088572.451	6023894.804		2227.124	RS-700	0.49763528302
13011	9/13/2019 7:34:30		-122.359	37.716	2088570.658	6023897.083		2227.546	RS-700	0.50029037736
13012	9/13/2019 7:34:31		-122.359	37.716	2088568.901	6023899.362		2234.908	RS-700	0.54659081761
13013	9/13/2019 7:34:32		-122.359	37.716	2088567.145	6023901.584		2221.681	RS-700	0.46340503145
13014	9/13/2019 7:34:33		-122.359	37.716	2088565.424	6023903.893		2298.479	RS-700	0.94640628931
13015	9/13/2019 7:34:34		-122.359	37.716	2088563.701	6023906.260		2323.485	RS-700	1.10367993711
13016	9/13/2019 7:34:35		-122.359	37.716	2088562.054	6023908.542		2355.422	RS-700	1.30454339623
13017	9/13/2019 7:34:36		-122.359	37.716	2088560.261	6023910.792		2299.710	RS-700	0.95414849057
13018	9/13/2019 7:34:37		-122.359	37.716	2088558.577	6023913.044		2203.108	RS-700	0.34659037736
13019	9/13/2019 7:34:38		-122.359	37.716	2088556.487	6023915.577		2239.246	RS-700	0.57387226415
13020	9/13/2019 7:34:39		-122.359	37.716	2088555.173	6023917.576		2268.473	RS-700	0.75769194969
13021	9/13/2019 7:34:40		-122.359	37.716	2088553.342	6023919.912		2254.710	RS-700	0.67113050315
13022	9/13/2019 7:34:41		-122.359	37.716	2088551.552	6023922.018		2375.075	RS-700	1.42814452830
13023	9/13/2019 7:34:42		-122.359	37.716	2088550.207	6023923.727		2289.590	RS-700	0.89050081761
13024	9/13/2019 7:34:43		-122.359	37.716	2088549.384	6023924.839		2296.814	RS-700	0.93593911950
13025	9/13/2019 7:34:44		-122.359	37.716	2088548.974	6023925.322		2272.569	RS-700	0.78344974843
13026	9/13/2019 7:34:45		-122.359	37.716	2088548.936	6023925.408		2250.137	RS-700	0.64237006289
13027	9/13/2019 7:34:46		-122.359	37.716	2088548.936	6023925.379		2178.447	RS-700	0.19149238994
13028	9/13/2019 7:34:47		-122.359	37.716	2088548.972	6023925.380		2234.130	RS-700	0.54169792453
13029	9/13/2019 7:34:48		-122.359	37.716	2088548.972	6023925.380		2210.132	RS-700	0.39076522013
13030	9/13/2019 7:34:49		-122.359	37.716	2088548.972	6023925.380		2203.006	RS-700	0.34595125786
13031	9/13/2019 7:34:50		-122.359	37.716	2088548.936	6023925.379		2285.393	RS-700	0.86410610063
13032	9/13/2019 7:34:51		-122.359	37.716	2088548.936	6023925.379		2278.835	RS-700	0.82286062893
13033	9/13/2019 7:34:52		-122.359	37.716	2088548.936	6023925.408		2177.876	RS-700	0.18790018868
13034	9/13/2019 7:34:53		-122.359	37.716	2088548.936	6023925.379		2210.787	RS-700	0.39488786164
13035	9/13/2019 7:34:54		-122.359	37.716	2088548.972	6023925.380		2297.274	RS-700	0.93883088050
13036	9/13/2019 7:34:55		-122.359	37.716	2088549.009	6023925.381		2188.216	RS-700	0.25293232704
13037	9/13/2019 7:34:56		-122.359	37.716	2088549.009	6023925.381		2246.236	RS-700	0.61783433962
13038	9/13/2019 7:34:57		-122.359	37.716	2088549.009	6023925.352		2225.242	RS-700	0.48579647799
13039	9/13/2019 7:34:58		-122.359	37.716	2088549.009	6023925.381		2233.799	RS-700	0.53961805031
13040	9/13/2019 7:34:59		-122.359	37.716	2088549.045	6023925.382		2207.683	RS-700	0.37536710692
13041	9/13/2019 7:35:00		-122.359	37.716	2088548.713	6023925.606		2243.132	RS-700	0.59831327044
13042	9/13/2019 7:35:01		-122.359	37.716	2088548.677	6023925.606		2236.019	RS-700	0.55357660377
13043	9/13/2019 7:35:02		-122.359	37.716	2088548.677	6023925.606		2319.220	RS-700	1.07685842767
13044	9/13/2019 7:35:03		-122.359	37.716	2088548.677	6023925.577		2312.828	RS-700	1.03665616352
13045	9/13/2019 7:35:04		-122.359	37.716	2088548.677	6023925.577		2284.931	RS-700	0.86120383648
13046	9/13/2019 7:35:05		-122.359	37.716	2088548.714	6023925.578		2363.960	RS-700	1.35823735849
13047	9/13/2019 7:35:06		-122.359	37.716	2088549.046	6023925.353		2300.705	RS-700	0.96040974843
13048	9/13/2019 7:35:07		-122.359	37.716	2088549.046	6023925.324		2180.340	RS-700	0.20339540881
13049	9/13/2019 7:35:08		-122.359	37.716	2088549.046	6023925.353		2170.208	RS-700	0.13967088050
13050	9/13/2019 7:35:09		-122.359	37.716	2088549.046	6023925.353		2211.569	RS-700	0.39980264151
13051	9/13/2019 7:35:10		-122.359	37.716	2088548.713	6023925.606		2249.138	RS-700	0.63608528302
13052	9/13/2019 7:35:11		-122.359	37.716	2088548.714	6023925.578		2200.895	RS-700	0.33267465409
13053	9/13/2019 7:35:12		-122.359	37.716	2088548.749	6023925.607		2228.242	RS-700	0.50466421384

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SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
13054	9/13/2019 7:35:13		-122.359	37.716	2088548.749	6023925.607		2183.996	RS-700	0.22639264151
13055	9/13/2019 7:35:14		-122.359	37.716	2088549.008	6023925.410		2170.100	RS-700	0.13899264151
13056	9/13/2019 7:35:15		-122.359	37.716	2088549.045	6023925.382		2269.150	RS-700	0.76194672956
13057	9/13/2019 7:35:16		-122.359	37.716	2088549.119	6023925.354		2156.873	RS-700	0.05580767296
13058	9/13/2019 7:35:17		-122.359	37.716	2088549.119	6023925.354		2290.931	RS-700	0.89894012579
13059	9/13/2019 7:35:18		-122.359	37.716	2088549.004	6023925.612		2194.795	RS-700	0.29430597484
13060	9/13/2019 7:35:19		-122.359	37.716	2088548.476	6023926.556		2272.133	RS-700	0.78071308176
13061	9/13/2019 7:35:20		-122.359	37.716	2088547.244	6023928.065		2269.473	RS-700	0.76398295598
13062	9/13/2019 7:35:21		-122.359	37.716	2088545.716	6023929.800		2251.806	RS-700	0.65286597484
13063	9/13/2019 7:35:22		-122.359	37.716	2088544.300	6023931.421		2251.592	RS-700	0.65152012579
13064	9/13/2019 7:35:23		-122.359	37.716	2088542.250	6023933.810		2253.916	RS-700	0.66613704403
13065	9/13/2019 7:35:24		-122.359	37.716	2088540.827	6023935.749		2159.769	RS-700	0.07401798742
13066	9/13/2019 7:35:25		-122.359	37.716	2088538.923	6023938.084		2228.907	RS-700	0.50884880503
13067	9/13/2019 7:35:26		-122.359	37.716	2088537.163	6023940.537		2153.981	RS-700	0.03761339623
13068	9/13/2019 7:35:27		-122.359	37.716	2088535.221	6023942.986		2283.817	RS-700	0.85419559748
13069	9/13/2019 7:35:28		-122.359	37.716	2088533.277	6023945.465		2248.691	RS-700	0.63327899371
13070	9/13/2019 7:35:29		-122.359	37.716	2088531.335	6023947.914		2165.877	RS-700	0.11243220126
13071	9/13/2019 7:35:30		-122.359	37.716	2088529.465	6023950.365		2190.441	RS-700	0.26692553459
13072	9/13/2019 7:35:31		-122.359	37.716	2088527.631	6023952.874		2094.860	RS-700	-0.33421591195
13073	9/13/2019 7:35:32		-122.359	37.716	2088525.833	6023955.385		2189.221	RS-700	0.25925371069
13074	9/13/2019 7:35:33		-122.359	37.716	2088524.071	6023957.895		2151.779	RS-700	0.02376666667
13075	9/13/2019 7:35:34		-122.359	37.716	2088521.978	6023960.631		2180.103	RS-700	0.20190698113
13076	9/13/2019 7:35:35		-122.359	37.716	2088520.771	6023962.719		2178.999	RS-700	0.19496100629
13077	9/13/2019 7:35:36		-122.359	37.716	2088518.536	6023965.192		2120.751	RS-700	-0.17137553459
13078	9/13/2019 7:35:37		-122.359	37.716	2088517.076	6023967.217		2208.677	RS-700	0.38161320755
13079	9/13/2019 7:35:38		-122.359	37.716	2088515.760	6023969.303		1939.630	RS-700	-1.31050150943
13080	9/13/2019 7:35:39		-122.359	37.716	2088513.753	6023971.346		1913.692	RS-700	-1.47363295597
13081	9/13/2019 7:35:40		-122.359	37.716	2088513.403	6023972.438		2026.716	RS-700	-0.76279264151
13082	9/13/2019 7:35:41		-122.359	37.716	2088511.808	6023973.911		2183.197	RS-700	0.22136559748
13083	9/13/2019 7:35:42		-122.359	37.716	2088510.320	6023975.473		2197.877	RS-700	0.31368937107
13084	9/13/2019 7:35:43		-122.359	37.716	2088509.044	6023977.357		2248.706	RS-700	0.63337377359
13085	9/13/2019 7:35:44		-122.359	37.716	2088507.473	6023979.466		2177.229	RS-700	0.18383119497
13086	9/13/2019 7:35:45		-122.359	37.716	2088505.754	6023981.660		2265.809	RS-700	0.74093679245
13087	9/13/2019 7:35:46		-122.359	37.716	2088503.817	6023983.849		2233.574	RS-700	0.53820119497
13088	9/13/2019 7:35:47		-122.359	37.716	2088501.878	6023986.096		2189.225	RS-700	0.25927874214
13089	9/13/2019 7:35:48		-122.359	37.716	2088500.083	6023988.491		2220.911	RS-700	0.45855987421
13090	9/13/2019 7:35:49		-122.359	37.716	2088498.288	6023990.827		2232.017	RS-700	0.52840704403
13091	9/13/2019 7:35:50		-122.359	37.716	2088496.570	6023992.992		2263.923	RS-700	0.72907572327
13092	9/13/2019 7:35:51		-122.359	37.716	2088494.704	6023995.240		2193.235	RS-700	0.28449861635
13093	9/13/2019 7:35:52		-122.359	37.716	2088492.729	6023997.516		2237.364	RS-700	0.56203666667
13094	9/13/2019 7:35:53		-122.359	37.716	2088490.825	6023999.850		2202.886	RS-700	0.34519534591
13095	9/13/2019 7:35:54		-122.359	37.716	2088488.992	6024002.273		2261.484	RS-700	0.71373522013
13096	9/13/2019 7:35:55		-122.359	37.716	2088487.051	6024004.693		2179.991	RS-700	0.20120421384
13097	9/13/2019 7:35:56		-122.359	37.716	2088485.110	6024007.027		2222.237	RS-700	0.46690157233
13098	9/13/2019 7:35:57		-122.359	37.716	2088483.321	6024009.103		2203.785	RS-700	0.35084735849
13099	9/13/2019 7:35:58		-122.359	37.716	2088481.640	6024011.240		2229.348	RS-700	0.51162188679
13100	9/13/2019 7:35:59		-122.359	37.716	2088479.514	6024013.744		2261.579	RS-700	0.71433578616
13101	9/13/2019 7:36:00		-122.359	37.716	2088477.757	6024016.052		2269.041	RS-700	0.76126597484
13102	9/13/2019 7:36:01		-122.359	37.716	2088475.997	6024018.447		2270.696	RS-700	0.77167025157
13103	9/13/2019 7:36:02		-122.359	37.716	2088474.607	6024020.618		2255.478	RS-700	0.67596081761
13104	9/13/2019 7:36:03		-122.359	37.716	2088472.884	6024022.985		2176.211	RS-700	0.17742509434
13105	9/13/2019 7:36:04		-122.359	37.716	2088471.055	6024025.264		2150.874	RS-700	0.01807855346
13106	9/13/2019 7:36:05		-122.359	37.716	2088469.187	6024027.599		2214.231	RS-700	0.41654886793
13107	9/13/2019 7:36:06		-122.359	37.716	2088467.464	6024030.024		2134.981	RS-700	-0.08188283019
13108	9/13/2019 7:36:07		-122.359	37.716	2088465.594	6024032.504		2245.140	RS-700	0.61094509434
13109	9/13/2019 7:36:08		-122.359	37.716	2088463.689	6024034.867		2193.564	RS-700	0.28656767296
13110	9/13/2019 7:36:09		-122.359	37.716	2088461.751	6024037.114		2175.101	RS-700	0.17044547170
13111	9/13/2019 7:36:10		-122.359	37.716	2088459.956	6024039.480		2114.393	RS-700	-0.21136452830
13112	9/13/2019 7:36:11		-122.359	37.716	2088458.159	6024041.903		2198.788	RS-700	0.31941823899
13113	9/13/2019 7:36:12		-122.359	37.716	2088456.473	6024044.300		2071.943	RS-700	-0.47834685535
13114	9/13/2019 7:36:13		-122.359	37.716	2088454.496	6024046.633		2138.651	RS-700	-0.05879716981

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SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
13115	9/13/2019 7:36:14		-122.359	37.716	2088452.666	6024048.940		2122.609	RS-700	-0.15968987421
13116	9/13/2019 7:36:15		-122.359	37.716	2088450.800	6024051.217		2118.649	RS-700	-0.18459534591
13117	9/13/2019 7:36:16		-122.359	37.716	2088448.971	6024053.438		2041.728	RS-700	-0.66837528302
13118	9/13/2019 7:36:17		-122.359	37.716	2088447.181	6024055.543		2038.626	RS-700	-0.68788830189
13119	9/13/2019 7:36:18		-122.359	37.716	2088445.575	6024057.594		2061.251	RS-700	-0.54559144654
13120	9/13/2019 7:36:19		-122.359	37.716	2088444.271	6024059.044		2085.741	RS-700	-0.39156660377
13121	9/13/2019 7:36:20		-122.359	37.716	2088443.302	6024060.153		2048.629	RS-700	-0.62497201258
13122	9/13/2019 7:36:21		-122.359	37.716	2088442.722	6024061.848		1977.594	RS-700	-1.07173427673
13123	9/13/2019 7:36:22		-122.359	37.716	2088442.799	6024063.470		2084.365	RS-700	-0.40022044025
13124	9/13/2019 7:36:23		-122.359	37.716	2088442.762	6024063.527		2054.529	RS-700	-0.58787044025
13125	9/13/2019 7:36:24		-122.359	37.716	2088441.365	6024062.342		2038.832	RS-700	-0.68659150943
13126	9/13/2019 7:36:25		-122.359	37.716	2088441.156	6024061.846		2028.926	RS-700	-0.74889433962
13127	9/13/2019 7:36:26		-122.359	37.716	2088441.371	6024062.053		2068.743	RS-700	-0.49846987421
13128	9/13/2019 7:36:27		-122.359	37.716	2088441.251	6024062.571		2028.522	RS-700	-0.75143622642
13129	9/13/2019 7:36:28		-122.359	37.716	2088442.948	6024063.328		2020.123	RS-700	-0.80425654088
13130	9/13/2019 7:36:29		-122.359	37.716	2088444.843	6024063.250		2092.530	RS-700	-0.34886735849
13131	9/13/2019 7:36:30		-122.359	37.716	2088446.241	6024062.554		2096.535	RS-700	-0.32367754717
13132	9/13/2019 7:36:31		-122.359	37.716	2088446.611	6024062.243		2146.982	RS-700	-0.00640427673
13133	9/13/2019 7:36:32		-122.359	37.716	2088445.641	6024063.439		2104.271	RS-700	-0.27502754717
13134	9/13/2019 7:36:33		-122.359	37.716	2088444.892	6024064.437		2016.517	RS-700	-0.82693842767
13135	9/13/2019 7:36:34		-122.359	37.716	2088444.518	6024064.950		2039.238	RS-700	-0.68403886793
13136	9/13/2019 7:36:35		-122.359	37.716	2088444.817	6024064.580		2035.931	RS-700	-0.70483628931
13137	9/13/2019 7:36:36		-122.359	37.716	2088445.790	6024063.240		2177.784	RS-700	0.18731767296
13138	9/13/2019 7:36:37		-122.359	37.716	2088447.240	6024061.735		2123.860	RS-700	-0.15182610063
13139	9/13/2019 7:36:38		-122.359	37.716	2088449.021	6024060.122		2083.635	RS-700	-0.40481446541
13140	9/13/2019 7:36:39		-122.359	37.716	2088451.097	6024058.253		2136.297	RS-700	-0.07360446541
13141	9/13/2019 7:36:40		-122.359	37.716	2088453.215	6024056.126		2046.140	RS-700	-0.64062968554
13142	9/13/2019 7:36:41		-122.359	37.716	2088455.188	6024053.966		2187.216	RS-700	0.24664169811
13143	9/13/2019 7:36:42		-122.359	37.716	2088457.055	6024051.689		2152.653	RS-700	0.02926421384
13144	9/13/2019 7:36:43		-122.359	37.716	2088458.957	6024049.412		2116.292	RS-700	-0.19942421384
13145	9/13/2019 7:36:44		-122.359	37.716	2088460.715	6024047.075		2183.898	RS-700	0.22577232704
13146	9/13/2019 7:36:45		-122.359	37.716	2088462.579	6024044.942		2085.743	RS-700	-0.39155176101
13147	9/13/2019 7:36:46		-122.359	37.716	2088464.478	6024042.810		2168.884	RS-700	0.13134314465
13148	9/13/2019 7:36:47		-122.359	37.716	2088466.413	6024040.736		2118.861	RS-700	-0.18326477987
13149	9/13/2019 7:36:48		-122.359	37.716	2088468.350	6024038.576		2098.169	RS-700	-0.31340477987
13150	9/13/2019 7:36:49		-122.359	37.716	2088470.213	6024036.443		2124.185	RS-700	-0.14978188679
13151	9/13/2019 7:36:50		-122.359	37.716	2088472.079	6024034.195		2104.065	RS-700	-0.27631911950
13152	9/13/2019 7:36:51		-122.359	37.716	2088473.946	6024031.859		2244.913	RS-700	0.60951301887
13153	9/13/2019 7:36:52		-122.359	37.716	2088475.814	6024029.495		2202.676	RS-700	0.34387295598
13154	9/13/2019 7:36:53		-122.359	37.716	2088477.716	6024027.276		2217.127	RS-700	0.43476169811
13155	9/13/2019 7:36:54		-122.359	37.716	2088479.472	6024025.055		2211.567	RS-700	0.39979144654
13156	9/13/2019 7:36:55		-122.359	37.716	2088481.191	6024022.803		2167.991	RS-700	0.12572867925
13157	9/13/2019 7:36:56		-122.359	37.716	2088482.801	6024020.637		2200.443	RS-700	0.32983132076
13158	9/13/2019 7:36:57		-122.359	37.716	2088484.407	6024018.614		2228.042	RS-700	0.50340723270
13159	9/13/2019 7:36:58		-122.359	37.716	2088485.429	6024016.638		2202.899	RS-700	0.34527471698
13160	9/13/2019 7:36:59		-122.359	37.716	2088486.088	6024014.655		2107.655	RS-700	-0.25374276730
13161	9/13/2019 7:37:00		-122.359	37.716	2088487.220	6024012.682		2188.554	RS-700	0.25505402516
13162	9/13/2019 7:37:01		-122.359	37.716	2088488.928	6024011.038		2198.554	RS-700	0.31794830189
13163	9/13/2019 7:37:02		-122.359	37.716	2088490.852	6024009.513		2268.032	RS-700	0.75492132076
13164	9/13/2019 7:37:03		-122.359	37.716	2088492.669	6024007.872		2293.276	RS-700	0.91368320755
13165	9/13/2019 7:37:04		-122.359	37.716	2088494.014	6024006.162		2247.913	RS-700	0.62838119497
13166	9/13/2019 7:37:05		-122.359	37.716	2088494.739	6024004.470		2173.311	RS-700	0.15919037736
13167	9/13/2019 7:37:06		-122.359	37.716	2088494.843	6024002.939		2194.450	RS-700	0.29213798742
13168	9/13/2019 7:37:07		-122.359	37.716	2088494.584	6024001.313		2198.457	RS-700	0.31733867925
13169	9/13/2019 7:37:08		-122.359	37.716	2088494.726	6023999.667		2238.123	RS-700	0.56680918239
13170	9/13/2019 7:37:09		-122.359	37.716	2088495.407	6023998.350		2291.391	RS-700	0.90182710692
13171	9/13/2019 7:37:10		-122.359	37.716	2088496.195	6023997.179		2188.900	RS-700	0.25723446541
13172	9/13/2019 7:37:11		-122.359	37.716	2088497.384	6023995.988		2365.961	RS-700	1.37082578616
13173	9/13/2019 7:37:12		-122.359	37.716	2088498.816	6023995.438		2311.049	RS-700	1.02546364780
13174	9/13/2019 7:37:13		-122.359	37.716	2088500.310	6023995.381		2264.033	RS-700	0.72976981132
13175	9/13/2019 7:37:14		-122.359	37.716	2088501.840	6023995.353		2296.075	RS-700	0.93128861635

Gamma Scan Survey Results
Survey Unit 4 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
13176	9/13/2019 7:37:15		-122.359	37.716	2088503.379	6023994.863		2264.490	RS-700	0.73263842767
13177	9/13/2019 7:37:16		-122.359	37.716	2088504.530	6023993.758		2137.869	RS-700	-0.06371635220
13178	9/13/2019 7:37:17		-122.359	37.716	2088505.951	6023991.934		2119.436	RS-700	-0.17964559748
13179	9/13/2019 7:37:18		-122.359	37.716	2088507.488	6023989.679		2130.990	RS-700	-0.10698364780
13180	9/13/2019 7:37:19		-122.359	37.716	2088509.245	6023987.400		2187.780	RS-700	0.25018559748
13181	9/13/2019 7:37:20		-122.359	37.716	2088510.857	6023985.117		2152.980	RS-700	0.03132213836
13182	9/13/2019 7:37:21		-122.359	37.716	2088512.613	6023982.895		2156.329	RS-700	0.05238270440
13183	9/13/2019 7:37:22		-122.359	37.716	2088514.332	6023980.673		2300.173	RS-700	0.95706528302
13184	9/13/2019 7:37:23		-122.359	37.716	2088516.050	6023978.537		2273.921	RS-700	0.79195415094
13185	9/13/2019 7:37:24		-122.359	37.716	2088517.803	6023976.460		2125.797	RS-700	-0.13964283019
13186	9/13/2019 7:37:25		-122.359	37.716	2088519.519	6023974.411		2161.661	RS-700	0.08591805031
13187	9/13/2019 7:37:26		-122.359	37.716	2088521.271	6023972.363		2237.010	RS-700	0.55980918239
13188	9/13/2019 7:37:27		-122.359	37.716	2088523.025	6023970.257		2297.716	RS-700	0.94161245283
13189	9/13/2019 7:37:28		-122.359	37.716	2088524.741	6023968.179		2268.381	RS-700	0.75711295598
13190	9/13/2019 7:37:29		-122.359	37.716	2088526.349	6023966.070		2224.115	RS-700	0.47871295598
13191	9/13/2019 7:37:30		-122.359	37.716	2088528.102	6023963.993		2197.003	RS-700	0.30819735849
13192	9/13/2019 7:37:31		-122.359	37.716	2088529.857	6023961.800		2163.212	RS-700	0.09567433962
13193	9/13/2019 7:37:32		-122.359	37.716	2088531.650	6023959.550		2103.753	RS-700	-0.27828477987
13194	9/13/2019 7:37:33		-122.359	37.716	2088533.371	6023957.241		2224.349	RS-700	0.48017930818
13195	9/13/2019 7:37:34		-122.359	37.716	2088535.092	6023954.932		2202.118	RS-700	0.34036748428
13196	9/13/2019 7:37:35		-122.359	37.716	2088536.812	6023952.681		2191.999	RS-700	0.27672433962
13197	9/13/2019 7:37:36		-122.359	37.716	2088538.605	6023950.460		2237.452	RS-700	0.56259213837
13198	9/13/2019 7:37:37		-122.359	37.716	2088540.360	6023948.238		2217.122	RS-700	0.43472779874
13199	9/13/2019 7:37:38		-122.359	37.716	2088542.116	6023946.045		2180.336	RS-700	0.20337213837
13200	9/13/2019 7:37:39		-122.359	37.716	2088543.871	6023943.852		2287.161	RS-700	0.87522698113
13201	9/13/2019 7:37:40		-122.359	37.716	2088545.591	6023941.601		2168.212	RS-700	0.12711635220
13202	9/13/2019 7:37:41		-122.359	37.716	2088547.386	6023939.235		2280.492	RS-700	0.83328522013
13203	9/13/2019 7:37:42		-122.359	37.716	2088549.035	6023936.896		2140.969	RS-700	-0.04421748428
13204	9/13/2019 7:37:43		-122.359	37.716	2088550.793	6023934.587		2292.929	RS-700	0.91150358491
13205	9/13/2019 7:37:44		-122.359	37.716	2088552.624	6023932.223		2274.801	RS-700	0.79749062893
13206	9/13/2019 7:37:45		-122.359	37.716	2088554.456	6023929.829		2367.963	RS-700	1.38341704403
13207	9/13/2019 7:37:46		-122.359	37.716	2088556.216	6023927.405		2290.390	RS-700	0.89553566038
13208	9/13/2019 7:37:47		-122.359	37.716	2088557.975	6023925.009		2301.282	RS-700	0.96403974843
13209	9/13/2019 7:37:48		-122.359	37.716	2088559.590	6023922.553		2318.827	RS-700	1.07438622642
13210	9/13/2019 7:37:49		-122.359	37.716	2088561.347	6023920.303		2381.848	RS-700	1.47074025157
13211	9/13/2019 7:37:50		-122.359	37.716	2088563.392	6023918.174		2294.466	RS-700	0.92117270440
13212	9/13/2019 7:37:51		-122.359	37.716	2088565.332	6023915.840		2297.821	RS-700	0.94227000000
13213	9/13/2019 7:37:52		-122.359	37.716	2088567.199	6023913.534		2373.434	RS-700	1.41782698113
13214	9/13/2019 7:37:53		-122.359	37.716	2088569.100	6023911.315		2380.607	RS-700	1.46293723270
13215	9/13/2019 7:37:54		-122.359	37.716	2088570.968	6023908.980		2345.833	RS-700	1.24423031447
13216	9/13/2019 7:37:55		-122.359	37.716	2088572.652	6023906.699		2226.463	RS-700	0.49348025157
13217	9/13/2019 7:37:56		-122.359	37.716	2088574.374	6023904.360		2175.661	RS-700	0.17396849057
13218	9/13/2019 7:37:57		-122.359	37.716	2088576.206	6023901.938		2228.230	RS-700	0.50459044025
13219	9/13/2019 7:37:58		-122.359	37.716	2088577.966	6023899.514		2213.006	RS-700	0.40884333333
13220	9/13/2019 7:37:59		-122.359	37.716	2088579.872	6023897.092		2099.749	RS-700	-0.30346402516
13221	9/13/2019 7:38:00		-122.359	37.716	2088581.847	6023894.817		2183.003	RS-700	0.22014176101
13222	9/13/2019 7:38:01		-122.359	37.716	2088583.712	6023892.598		2164.338	RS-700	0.10275276730
13223	9/13/2019 7:38:02		-122.359	37.716	2088585.397	6023890.288		2098.943	RS-700	-0.30853201258
13224	9/13/2019 7:38:03		-122.359	37.716	2088587.118	6023887.950		2128.496	RS-700	-0.12266949686
13225	9/13/2019 7:38:04		-122.359	37.716	2088588.914	6023885.584		2148.302	RS-700	0.00190018868
13226	9/13/2019 7:38:05		-122.359	37.716	2088590.674	6023883.131		2181.897	RS-700	0.21318735849
13227	9/13/2019 7:38:06		-122.359	37.716	2088592.471	6023880.650		2178.549	RS-700	0.19213176101
13228	9/13/2019 7:38:07		-122.359	37.716	2088594.266	6023878.313		2207.666	RS-700	0.37525993711
13229	9/13/2019 7:38:08		-122.359	37.716	2088596.061	6023875.947		2159.987	RS-700	0.07538823899
13230	9/13/2019 7:38:09		-122.359	37.716	2088597.856	6023873.582		2111.492	RS-700	-0.22961194969
13231	9/13/2019 7:38:10		-122.359	37.716	2088599.578	6023871.244		2185.561	RS-700	0.23623150943
13232	9/13/2019 7:38:11		-122.359	37.716	2088601.259	6023869.107		2145.662	RS-700	-0.01470591195
13233	9/13/2019 7:38:12		-122.359	37.716	2088602.939	6023867.029		2168.078	RS-700	0.12627427673
13234	9/13/2019 7:38:13		-122.359	37.716	2088604.287	6023865.204		2143.542	RS-700	-0.02803842767
13235	9/13/2019 7:38:14		-122.359	37.716	2088604.690	6023863.216		2218.348	RS-700	0.44244245283
13236	9/13/2019 7:38:15		-122.359	37.716	2088604.439	6023861.215		2159.093	RS-700	0.06976842767

Gamma Scan Survey Results
Survey Unit 4 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
13237	9/13/2019 7:38:16		-122.359	37.716	2088604.191	6023859.040		2190.453	RS-700	0.26700025157
13238	9/13/2019 7:38:17		-122.359	37.716	2088604.452	6023856.904		2193.654	RS-700	0.28713471698
13239	9/13/2019 7:38:18		-122.359	37.716	2088605.433	6023855.188		2198.673	RS-700	0.31869911950
13240	9/13/2019 7:38:19		-122.359	37.716	2088606.591	6023853.706		2165.777	RS-700	0.11180672956
13241	9/13/2019 7:38:20		-122.359	37.716	2088608.140	6023852.754		2140.776	RS-700	-0.04543377358
13242	9/13/2019 7:38:21		-122.359	37.716	2088609.858	6023852.441		2185.686	RS-700	0.23701767296
13243	9/13/2019 7:38:22		-122.359	37.716	2088611.677	6023852.535		2177.990	RS-700	0.18861867925
13244	9/13/2019 7:38:23		-122.359	37.716	2088613.657	6023851.851		2050.728	RS-700	-0.61177050315
13245	9/13/2019 7:38:24		-122.359	37.716	2088615.181	6023850.290		2040.931	RS-700	-0.67338704403
13246	9/13/2019 7:38:25		-122.359	37.716	2088616.821	6023848.413		2039.424	RS-700	-0.68286918239
13247	9/13/2019 7:38:26		-122.359	37.716	2088618.646	6023846.366		2028.316	RS-700	-0.75273257862
13248	9/13/2019 7:38:27		-122.359	37.716	2088620.290	6023844.258		2038.201	RS-700	-0.69056113208
13249	9/13/2019 7:38:28		-122.359	37.716	2088621.792	6023842.002		2097.854	RS-700	-0.31538522013
13250	9/13/2019 7:38:29		-122.360	37.716	2088623.432	6023840.096		2149.908	RS-700	0.01200031447
13251	9/13/2019 7:38:30		-122.360	37.716	2088625.106	6023838.336		1901.943	RS-700	-1.54752968553
13252	9/13/2019 7:38:31		-122.360	37.716	2088626.484	6023836.801		1779.920	RS-700	-2.31496754717
13253	9/13/2019 7:38:32		-122.360	37.716	2088627.640	6023835.435		1870.598	RS-700	-1.74466792453
13254	9/13/2019 7:38:33		-122.360	37.716	2088628.134	6023834.404		1812.032	RS-700	-2.11300553459
13255	9/13/2019 7:38:34		-122.360	37.716	2088628.400	6023833.830		1760.972	RS-700	-2.43413924528
13256	9/13/2019 7:38:35		-122.360	37.716	2088628.625	6023833.546		1789.928	RS-700	-2.25202798742
13257	9/13/2019 7:38:36		-122.360	37.716	2088629.153	6023832.601		1761.616	RS-700	-2.43008603774
13258	9/13/2019 7:38:37		-122.360	37.716	2088629.527	6023832.117		1745.536	RS-700	-2.53122088050
13259	9/13/2019 7:38:38		-122.360	37.716	2088629.565	6023832.060		1724.700	RS-700	-2.66226459119
13260	9/13/2019 7:38:39		-122.360	37.716	2088629.642	6023831.830		1842.378	RS-700	-1.92214805031
13261	9/13/2019 7:38:40		-122.360	37.716	2088630.141	6023830.567		1958.852	RS-700	-1.18960899371
13262	9/13/2019 7:38:41		-122.360	37.716	2088630.215	6023830.482		1965.191	RS-700	-1.14974251572
13263	9/13/2019 7:38:42		-122.360	37.716	2088630.252	6023830.453		2029.419	RS-700	-0.74579094340
13264	9/13/2019 7:38:43		-122.360	37.716	2088630.254	6023830.338		2098.735	RS-700	-0.30983987421
13265	9/13/2019 7:38:44		-122.360	37.716	2088630.237	6023829.383		2099.076	RS-700	-0.30770081761
13266	9/13/2019 7:38:45		-122.360	37.716	2088630.857	6023827.515		2151.880	RS-700	0.02440433962
13267	9/13/2019 7:38:46		-122.360	37.716	2088632.046	6023826.323		2202.562	RS-700	0.34315767296
13268	9/13/2019 7:38:47		-122.360	37.716	2088633.313	6023824.873		2178.111	RS-700	0.18937880503
13269	9/13/2019 7:38:48		-122.360	37.716	2088635.135	6023823.000		2127.085	RS-700	-0.13153893082
13270	9/13/2019 7:38:49		-122.360	37.716	2088637.068	6023821.013		2243.351	RS-700	0.59969006289
13271	9/13/2019 7:38:50		-122.360	37.716	2088638.826	6023818.704		2149.547	RS-700	0.00972893082
13272	9/13/2019 7:38:51		-122.360	37.716	2088640.550	6023816.251		2212.451	RS-700	0.40534911950
13273	9/13/2019 7:38:52		-122.360	37.716	2088642.276	6023813.652		2160.882	RS-700	0.08102050314
13274	9/13/2019 7:38:53		-122.360	37.716	2088643.964	6023811.227		2205.454	RS-700	0.36134666667
13275	9/13/2019 7:38:54		-122.360	37.716	2088645.723	6023808.831		2249.399	RS-700	0.63772962264
13276	9/13/2019 7:38:55		-122.360	37.716	2088647.516	6023806.582		2232.570	RS-700	0.53188364780
13277	9/13/2019 7:38:56		-122.360	37.716	2088649.162	6023804.358		2191.679	RS-700	0.27470937107
13278	9/13/2019 7:38:57		-122.360	37.716	2088650.737	6023802.103		2223.116	RS-700	0.47242918239
13279	9/13/2019 7:38:58		-122.360	37.716	2088652.313	6023799.762		2236.692	RS-700	0.55781364780
13280	9/13/2019 7:38:59		-122.360	37.716	2088654.035	6023797.395		2226.237	RS-700	0.49205798742
13281	9/13/2019 7:39:00		-122.360	37.716	2088656.152	6023795.326		2449.118	RS-700	1.89382075472
13282	9/13/2019 7:39:01		-122.360	37.716	2088657.573	6023793.473		2608.191	RS-700	2.89428018868
13283	9/13/2019 7:39:02		-122.360	37.716	2088658.762	6023792.253		2724.974	RS-700	1.55124363636
13284	9/13/2019 7:39:03		-122.360	37.716	2088659.812	6023790.740		2303.746	RS-700	0.31596944282
13285	9/13/2019 7:39:04		-122.360	37.716	2088661.084	6023789.059		1674.514	RS-700	-1.52928410557
13286	9/13/2019 7:39:05		-122.360	37.716	2088662.581	6023787.035		2062.633	RS-700	-0.39110425220
13287	9/13/2019 7:39:06		-122.360	37.716	2088663.786	6023785.062		2519.774	RS-700	0.94948304985
13288	9/13/2019 7:39:07		-122.360	37.716	2088665.351	6023783.271		2533.157	RS-700	0.98872953079
13289	9/13/2019 7:39:08		-122.360	37.716	2088666.963	6023780.930		2284.058	RS-700	0.25823325513
13290	9/13/2019 7:39:09		-122.360	37.716	2088668.613	6023778.562		2271.144	RS-700	0.22036240469
13291	9/13/2019 7:39:10		-122.360	37.716	2088670.228	6023776.077		2270.723	RS-700	0.77184559748
13292	9/13/2019 7:39:11		-122.360	37.716	2088671.948	6023773.855		2277.478	RS-700	0.81432937107
13293	9/13/2019 7:39:12		-122.360	37.716	2088673.775	6023771.692		2214.017	RS-700	0.41519830189
13294	9/13/2019 7:39:13		-122.360	37.716	2088675.565	6023769.616		2309.284	RS-700	1.01436484277
13295	9/13/2019 7:39:14		-122.360	37.716	2088677.319	6023767.481		2269.037	RS-700	0.76124088050
13296	9/13/2019 7:39:15		-122.360	37.716	2088679.037	6023765.316		2195.345	RS-700	0.29776779874
13297	9/13/2019 7:39:16		-122.360	37.716	2088680.756	6023763.123		2296.047	RS-700	0.93111465409

Gamma Scan Survey Results
Survey Unit 4 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
13298	9/13/2019 7:39:17		-122.360	37.716	2088682.438	6023760.958		2193.557	RS-700	0.28652383648
13299	9/13/2019 7:39:18		-122.360	37.716	2088684.046	6023758.820		2217.019	RS-700	0.43408132076
13300	9/13/2019 7:39:19		-122.360	37.716	2088685.689	6023756.769		2195.562	RS-700	0.29913119497
13301	9/13/2019 7:39:20		-122.360	37.716	2088687.478	6023754.751		2147.659	RS-700	-0.00214289308
13302	9/13/2019 7:39:21		-122.360	37.716	2088689.016	6023752.496		2145.983	RS-700	-0.01268446541
13303	9/13/2019 7:39:22		-122.360	37.716	2088690.731	6023750.476		2163.665	RS-700	0.09852088050
13304	9/13/2019 7:39:23		-122.360	37.716	2088692.484	6023748.399		2129.201	RS-700	-0.11823207547
13305	9/13/2019 7:39:24		-122.360	37.716	2088694.162	6023746.436		2185.103	RS-700	0.23335220126
13306	9/13/2019 7:39:25		-122.360	37.716	2088695.432	6023744.841		2225.132	RS-700	0.48510874214
13307	9/13/2019 7:39:26		-122.360	37.716	2088696.296	6023743.528		2187.000	RS-700	0.24528106918
13308	9/13/2019 7:39:27		-122.360	37.716	2088696.606	6023742.550		2167.205	RS-700	0.12078811321
13309	9/13/2019 7:39:28		-122.360	37.716	2088696.618	6023741.972		2200.011	RS-700	0.32711377359
13310	9/13/2019 7:39:29		-122.360	37.716	2088696.510	6023741.883		2159.099	RS-700	0.06980264151
13311	9/13/2019 7:39:30		-122.360	37.716	2088696.405	6023741.707		2194.455	RS-700	0.29217188679
13312	9/13/2019 7:39:31		-122.360	37.716	2088696.406	6023741.649		2106.771	RS-700	-0.25930339623
13313	9/13/2019 7:39:32		-122.360	37.716	2088696.229	6023741.356		2166.664	RS-700	0.11738509434
13314	9/13/2019 7:39:33		-122.360	37.716	2088696.160	6023741.210		2197.996	RS-700	0.31443761006
13315	9/13/2019 7:39:34		-122.360	37.716	2088696.124	6023741.152		2168.882	RS-700	0.13133415094
13316	9/13/2019 7:39:35		-122.360	37.716	2088696.089	6023741.093		2190.002	RS-700	0.26416459120
13317	9/13/2019 7:39:36		-122.360	37.716	2088696.090	6023741.064		2121.087	RS-700	-0.16926591195
13318	9/13/2019 7:39:37		-122.360	37.716	2088696.090	6023741.035		2172.970	RS-700	0.15704163522
13319	9/13/2019 7:39:38		-122.360	37.716	2088696.054	6023741.006		2174.887	RS-700	0.16909981132
13320	9/13/2019 7:39:39		-122.360	37.716	2088696.055	6023740.977		2177.751	RS-700	0.18711270440
13321	9/13/2019 7:39:40		-122.360	37.716	2088696.055	6023740.948		2154.210	RS-700	0.03905515723
13322	9/13/2019 7:39:41		-122.360	37.716	2088696.055	6023740.948		2105.750	RS-700	-0.26572566038
13323	9/13/2019 7:39:42		-122.360	37.716	2088696.056	6023740.919		2171.779	RS-700	0.14955503145
13324	9/13/2019 7:39:43		-122.360	37.716	2088696.057	6023740.890		2130.761	RS-700	-0.10842238994
13325	9/13/2019 7:39:44		-122.360	37.716	2088696.057	6023740.861		2274.291	RS-700	0.79428421384
13326	9/13/2019 7:39:45		-122.360	37.716	2088696.058	6023740.832		2131.985	RS-700	-0.10072553459
13327	9/13/2019 7:39:46		-122.360	37.716	2088696.058	6023740.832		2135.440	RS-700	-0.07899088050
13328	9/13/2019 7:39:47		-122.360	37.716	2088696.094	6023740.833		2169.776	RS-700	0.13695547170
13329	9/13/2019 7:39:48		-122.360	37.716	2088696.058	6023740.803		2186.775	RS-700	0.24386503145
13330	9/13/2019 7:39:49		-122.360	37.716	2088696.095	6023740.775		2131.972	RS-700	-0.10080465409
13331	9/13/2019 7:39:50		-122.360	37.716	2088696.060	6023740.717		2232.251	RS-700	0.52987861635
13332	9/13/2019 7:39:51		-122.360	37.716	2088696.061	6023740.688		2184.560	RS-700	0.22993446541
13333	9/13/2019 7:39:52		-122.360	37.716	2088696.060	6023740.717		2143.445	RS-700	-0.02865012579
13334	9/13/2019 7:39:53		-122.360	37.716	2088696.095	6023740.775		2122.651	RS-700	-0.15942484277
13335	9/13/2019 7:39:54		-122.360	37.716	2088696.166	6023740.863		2140.658	RS-700	-0.04617880503
13336	9/13/2019 7:39:55		-122.360	37.716	2088696.202	6023740.893		2251.035	RS-700	0.64802132076
13337	9/13/2019 7:39:56		-122.360	37.716	2088696.237	6023740.952		2255.257	RS-700	0.67457100629
13338	9/13/2019 7:39:57		-122.360	37.716	2088696.273	6023740.981		2135.550	RS-700	-0.07830031447
13339	9/13/2019 7:39:58		-122.360	37.716	2088696.309	6023741.011		2153.876	RS-700	0.03695874214
13340	9/13/2019 7:39:59		-122.360	37.716	2088696.344	6023741.069		2225.909	RS-700	0.48999616352
13341	9/13/2019 7:40:00		-122.360	37.716	2088696.380	6023741.128		2247.020	RS-700	0.62276805031
13342	9/13/2019 7:40:01		-122.360	37.716	2088696.487	6023741.246		2275.471	RS-700	0.80170150943
13343	9/13/2019 7:40:02		-122.360	37.716	2088696.521	6023741.333		2114.756	RS-700	-0.20908396226
13344	9/13/2019 7:40:03		-122.360	37.716	2088696.593	6023741.393		2184.001	RS-700	0.22641905660
13345	9/13/2019 7:40:04		-122.360	37.716	2088696.592	6023741.421		2101.540	RS-700	-0.29220257862
13346	9/13/2019 7:40:05		-122.360	37.716	2088696.628	6023741.451		2219.023	RS-700	0.44668408805
13347	9/13/2019 7:40:06		-122.360	37.716	2088696.664	6023741.481		2124.642	RS-700	-0.14690855346
13348	9/13/2019 7:40:07		-122.360	37.716	2088696.699	6023741.539		2193.999	RS-700	0.28930157233
13349	9/13/2019 7:40:08		-122.360	37.716	2088696.735	6023741.598		2221.904	RS-700	0.46480515723
13350	9/13/2019 7:40:09		-122.360	37.716	2088696.770	6023741.628		2245.696	RS-700	0.61443968554
13351	9/13/2019 7:40:10		-122.360	37.716	2088696.806	6023741.686		2139.768	RS-700	-0.05177572327
13352	9/13/2019 7:40:11		-122.360	37.716	2088696.618	6023741.972		2176.561	RS-700	0.17962647799
13353	9/13/2019 7:40:12		-122.360	37.716	2088695.381	6023743.712		2157.767	RS-700	0.06142647799
13354	9/13/2019 7:40:13		-122.360	37.716	2088693.361	6023746.420		2233.480	RS-700	0.53760968554
13355	9/13/2019 7:40:14		-122.360	37.716	2088691.228	6023749.271		2118.623	RS-700	-0.18476358491
13356	9/13/2019 7:40:15		-122.360	37.716	2088689.021	6023752.236		2132.401	RS-700	-0.09810830189
13357	9/13/2019 7:40:16		-122.360	37.716	2088686.854	6023754.970		2118.189	RS-700	-0.18748779874
13358	9/13/2019 7:40:17		-122.360	37.716	2088684.315	6023758.131		2195.578	RS-700	0.29923050315

Gamma Scan Survey Results
Survey Unit 4 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
13359	9/13/2019 7:40:18		-122.360	37.716	2088681.848	6023761.322		2207.790	RS-700	0.37603496855
13360	9/13/2019 7:40:19		-122.360	37.716	2088680.024	6023765.134		2161.992	RS-700	0.08799924528
13361	9/13/2019 7:40:20		-122.360	37.716	2088677.421	6023767.830		2187.779	RS-700	0.25018264151
13362	9/13/2019 7:40:21		-122.360	37.716	2088674.843	6023771.106		2211.341	RS-700	0.39836893082
13363	9/13/2019 7:40:22		-122.360	37.716	2088673.000	6023775.901		2257.370	RS-700	0.68786421384
13364	9/13/2019 7:40:23		-122.360	37.716	2088670.342	6023779.522		2213.571	RS-700	0.05152645161
13365	9/13/2019 7:40:24		-122.360	37.716	2088667.845	6023782.394		2546.656	RS-700	1.02831686217
13366	9/13/2019 7:40:25		-122.360	37.716	2088665.865	6023784.901		2331.064	RS-700	0.39608173021
13367	9/13/2019 7:40:26		-122.360	37.716	2088663.812	6023787.406		1823.114	RS-700	-1.09350797654
13368	9/13/2019 7:40:27		-122.360	37.716	2088661.708	6023790.662		2461.877	RS-700	0.77969900293
13369	9/13/2019 7:40:28		-122.360	37.716	2088659.284	6023793.507		2488.013	RS-700	0.85634310850
13370	9/13/2019 7:40:29		-122.360	37.716	2088657.956	6023796.200		2302.067	RS-700	0.96897220126
13371	9/13/2019 7:40:30		-122.360	37.716	2088658.425	6023798.264		2218.238	RS-700	0.44174924528
13372	9/13/2019 7:40:31		-122.360	37.716	2088659.381	6023799.614		2144.443	RS-700	-0.02237144654
13373	9/13/2019 7:40:32		-122.360	37.716	2088660.100	6023800.062		2220.811	RS-700	0.45792830189
13374	9/13/2019 7:40:33		-122.360	37.716	2088661.731	6023800.470		2210.678	RS-700	0.39420433962
13375	9/13/2019 7:40:34		-122.360	37.716	2088663.483	6023800.274		2303.824	RS-700	0.98002597484
13376	9/13/2019 7:40:35		-122.360	37.716	2088663.412	6023800.214		2149.877	RS-700	0.01180748428
13377	9/13/2019 7:40:36		-122.360	37.716	2088661.921	6023800.069		2255.577	RS-700	0.67658459120
13378	9/13/2019 7:40:37		-122.360	37.716	2088660.312	6023800.413		2173.449	RS-700	0.16005647799
13379	9/13/2019 7:40:38		-122.360	37.716	2088658.830	6023801.686		2183.341	RS-700	0.22227113208
13380	9/13/2019 7:40:39		-122.360	37.716	2088657.591	6023803.570		2222.791	RS-700	0.47038339623
13381	9/13/2019 7:40:40		-122.360	37.716	2088656.455	6023805.718		2218.129	RS-700	0.44106113208
13382	9/13/2019 7:40:41		-122.360	37.716	2088655.284	6023807.864		2246.137	RS-700	0.61721106918
13383	9/13/2019 7:40:42		-122.360	37.716	2088653.967	6023810.008		2217.017	RS-700	0.43406635220
13384	9/13/2019 7:40:43		-122.360	37.716	2088652.397	6023812.031		2245.237	RS-700	0.61155616352
13385	9/13/2019 7:40:44		-122.360	37.716	2088651.012	6023813.884		2161.881	RS-700	0.08730389937
13386	9/13/2019 7:40:45		-122.360	37.716	2088649.633	6023815.505		2184.777	RS-700	0.23130213837
13387	9/13/2019 7:40:46		-122.360	37.716	2088648.062	6023817.586		2057.350	RS-700	-0.57012364780
13388	9/13/2019 7:40:47		-122.360	37.716	2088646.489	6023819.754		2203.003	RS-700	0.34592842767
13389	9/13/2019 7:40:48		-122.360	37.716	2088644.734	6023821.917		2171.001	RS-700	0.14465761006
13390	9/13/2019 7:40:49		-122.360	37.716	2088643.055	6023823.967		2217.459	RS-700	0.43684855346
13391	9/13/2019 7:40:50		-122.360	37.716	2088641.302	6023826.015		2198.454	RS-700	0.31731849057
13392	9/13/2019 7:40:51		-122.360	37.716	2088639.622	6023828.094		2081.954	RS-700	-0.41538591195
13393	9/13/2019 7:40:52		-122.360	37.716	2088637.942	6023830.172		2243.689	RS-700	0.60181735849
13394	9/13/2019 7:40:53		-122.360	37.716	2088636.153	6023832.249		2128.401	RS-700	-0.12326698113
13395	9/13/2019 7:40:54		-122.360	37.716	2088634.987	6023834.106		1615.254	RS-700	-3.35060339623
13396	9/13/2019 7:40:55		-122.360	37.716	2088633.496	6023835.812		1282.395	RS-700	-5.44405396226
13397	9/13/2019 7:40:56		-122.360	37.716	2088631.450	6023837.970		1258.260	RS-700	-5.59584830189
13398	9/13/2019 7:40:57		-122.360	37.716	2088630.138	6023839.854		1569.256	RS-700	-3.63990188679
13399	9/13/2019 7:40:58		-122.360	37.716	2088629.571	6023840.913		1956.804	RS-700	-1.20248905660
13400	9/13/2019 7:40:59		-122.359	37.716	2088627.827	6023842.527		2120.650	RS-700	-0.17201415094
13401	9/13/2019 7:41:00		-122.359	37.716	2088626.187	6023844.433		1729.531	RS-700	-2.63187811321
13402	9/13/2019 7:41:01		-122.359	37.716	2088624.689	6023846.486		1651.671	RS-700	-3.12156459119
13403	9/13/2019 7:41:02		-122.359	37.716	2088623.228	6023848.540		1986.611	RS-700	-1.01502685535
13404	9/13/2019 7:41:03		-122.359	37.716	2088621.694	6023850.593		2014.719	RS-700	-0.83824641509
13405	9/13/2019 7:41:04		-122.359	37.716	2088620.125	6023852.558		2095.290	RS-700	-0.33150943396
13406	9/13/2019 7:41:05		-122.359	37.716	2088618.412	6023854.491		2037.728	RS-700	-0.69353496855
13407	9/13/2019 7:41:06		-122.359	37.716	2088617.065	6023856.258		2186.451	RS-700	0.24183012579
13408	9/13/2019 7:41:07		-122.359	37.716	2088616.663	6023858.188		2238.349	RS-700	0.56823452830
13409	9/13/2019 7:41:08		-122.359	37.716	2088616.112	6023860.231		2224.797	RS-700	0.48299786164
13410	9/13/2019 7:41:09		-122.359	37.716	2088614.765	6023862.085		2263.932	RS-700	0.72913308176
13411	9/13/2019 7:41:10		-122.359	37.716	2088612.953	6023863.438		2178.669	RS-700	0.19288968554
13412	9/13/2019 7:41:11		-122.359	37.716	2088611.049	6023863.979		2175.320	RS-700	0.17182591195
13413	9/13/2019 7:41:12		-122.359	37.716	2088609.030	6023864.749		2218.694	RS-700	0.44461666667
13414	9/13/2019 7:41:13		-122.359	37.716	2088606.891	6023866.095		2116.649	RS-700	-0.19717635220
13415	9/13/2019 7:41:14		-122.359	37.716	2088605.252	6023867.943		2202.118	RS-700	0.34036427673
13416	9/13/2019 7:41:15		-122.359	37.716	2088603.607	6023870.109		2127.971	RS-700	-0.12596748428
13417	9/13/2019 7:41:16		-122.359	37.716	2088602.106	6023872.335		2237.576	RS-700	0.56337371069
13418	9/13/2019 7:41:17		-122.359	37.716	2088600.314	6023874.528		2325.061	RS-700	1.11359201258
13419	9/13/2019 7:41:18		-122.359	37.716	2088598.559	6023876.720		2217.346	RS-700	0.43613534591

Gamma Scan Survey Results
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SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
13420	9/13/2019 7:41:19		-122.359	37.716	2088596.802	6023878.971		2238.023	RS-700	0.56617930818
13421	9/13/2019 7:41:20		-122.359	37.716	2088595.083	6023881.164		2253.693	RS-700	0.66473477987
13422	9/13/2019 7:41:21		-122.359	37.716	2088593.363	6023883.445		2198.781	RS-700	0.31937974843
13423	9/13/2019 7:41:22		-122.359	37.716	2088591.533	6023885.723		2180.783	RS-700	0.20618477987
13424	9/13/2019 7:41:23		-122.359	37.716	2088589.814	6023887.945		2054.735	RS-700	-0.58657150943
13425	9/13/2019 7:41:24		-122.359	37.716	2088588.021	6023890.195		2108.176	RS-700	-0.25046333333
13426	9/13/2019 7:41:25		-122.359	37.716	2088586.302	6023892.389		2183.112	RS-700	0.22083031447
13427	9/13/2019 7:41:26		-122.359	37.716	2088584.619	6023894.612		2224.684	RS-700	0.48228786164
13428	9/13/2019 7:41:27		-122.359	37.716	2088583.044	6023896.866		2148.869	RS-700	0.00546842767
13429	9/13/2019 7:41:28		-122.359	37.716	2088581.398	6023899.090		2084.760	RS-700	-0.39773490566
13430	9/13/2019 7:41:29		-122.359	37.716	2088579.607	6023901.253		2124.337	RS-700	-0.14882647799
13431	9/13/2019 7:41:30		-122.359	37.716	2088577.997	6023903.449		1859.383	RS-700	-1.81519955975
13432	9/13/2019 7:41:31		-122.359	37.716	2088576.349	6023905.730		2204.787	RS-700	0.35715345912
13433	9/13/2019 7:41:32		-122.359	37.716	2088573.996	6023908.693		2199.674	RS-700	0.32499553459
13434	9/13/2019 7:41:33		-122.359	37.716	2088572.798	6023910.347		2258.807	RS-700	0.69690220126
13435	9/13/2019 7:41:34		-122.359	37.716	2088570.973	6023912.393		2380.113	RS-700	1.45983125786
13436	9/13/2019 7:41:35		-122.359	37.716	2088569.181	6023914.586		2262.039	RS-700	0.71722698113
13437	9/13/2019 7:41:36		-122.359	37.716	2088567.463	6023916.750		2258.367	RS-700	0.69413006289
13438	9/13/2019 7:41:37		-122.359	37.716	2088565.780	6023918.944		2343.605	RS-700	1.23022194969
13439	9/13/2019 7:41:38		-122.359	37.716	2088564.208	6023921.083		2410.099	RS-700	1.64842339623
13440	9/13/2019 7:41:39		-122.359	37.716	2088562.526	6023923.277		2292.153	RS-700	0.90661968554
13441	9/13/2019 7:41:40		-122.359	37.716	2088560.839	6023925.703		2323.408	RS-700	1.10319415094
13442	9/13/2019 7:41:41		-122.359	37.716	2088559.156	6023927.897		2288.303	RS-700	0.88240572327
13443	9/13/2019 7:41:42		-122.359	37.716	2088557.511	6023930.034		2297.159	RS-700	0.93810968554
13444	9/13/2019 7:41:43		-122.359	37.716	2088555.867	6023932.142		2318.598	RS-700	1.07294415094
13445	9/13/2019 7:41:44		-122.359	37.716	2088554.332	6023934.224		2230.018	RS-700	0.51583830189
13446	9/13/2019 7:41:45		-122.359	37.716	2088552.762	6023936.305		2252.145	RS-700	0.65500069182
13447	9/13/2019 7:41:46		-122.359	37.716	2088551.007	6023938.439		2312.857	RS-700	1.03683603774
13448	9/13/2019 7:41:47		-122.359	37.716	2088549.182	6023940.515		2183.553	RS-700	0.22360327044
13449	9/13/2019 7:41:48		-122.359	37.716	2088547.389	6023942.736		2163.452	RS-700	0.09718289308
13450	9/13/2019 7:41:49		-122.359	37.716	2088545.632	6023945.016		2128.074	RS-700	-0.12531974843
13451	9/13/2019 7:41:50		-122.359	37.716	2088543.875	6023947.295		2307.937	RS-700	1.00589352201
13452	9/13/2019 7:41:51		-122.359	37.716	2088542.083	6023949.545		2173.560	RS-700	0.16075490566
13453	9/13/2019 7:41:52		-122.359	37.716	2088540.214	6023951.938		2240.921	RS-700	0.58440672956
13454	9/13/2019 7:41:53		-122.359	37.716	2088538.564	6023954.336		2207.914	RS-700	0.37681742138
13455	9/13/2019 7:41:54		-122.359	37.716	2088536.659	6023956.728		2109.495	RS-700	-0.24217207547
13456	9/13/2019 7:41:55		-122.359	37.716	2088534.682	6023959.090		2118.309	RS-700	-0.18673345912
13457	9/13/2019 7:41:56		-122.359	37.716	2088532.742	6023961.424		2181.107	RS-700	0.20821867925
13458	9/13/2019 7:41:57		-122.359	37.716	2088530.839	6023963.729		2162.532	RS-700	0.09139389937
13459	9/13/2019 7:41:58		-122.359	37.716	2088528.897	6023966.121		2182.548	RS-700	0.21728289308
13460	9/13/2019 7:41:59		-122.359	37.716	2088527.103	6023968.429		2152.774	RS-700	0.03002465409
13461	9/13/2019 7:42:00		-122.359	37.716	2088525.307	6023970.852		2243.024	RS-700	0.59763371069
13462	9/13/2019 7:42:01		-122.359	37.716	2088523.581	6023973.393		2138.407	RS-700	-0.06033088050
13463	9/13/2019 7:42:02		-122.359	37.716	2088522.039	6023975.879		2025.181	RS-700	-0.77244773585
13464	9/13/2019 7:42:03		-122.359	37.716	2088520.136	6023978.185		2188.680	RS-700	0.25584855346
13465	9/13/2019 7:42:04		-122.359	37.716	2088518.197	6023980.432		2198.887	RS-700	0.32004220126
13466	9/13/2019 7:42:05		-122.359	37.716	2088516.330	6023982.767		2224.790	RS-700	0.48295301887
13467	9/13/2019 7:42:06		-122.359	37.716	2088514.572	6023985.075		2219.568	RS-700	0.45011459120
13468	9/13/2019 7:42:07		-122.359	37.716	2088512.816	6023987.326		2081.745	RS-700	-0.41669842767
13469	9/13/2019 7:42:08		-122.359	37.716	2088510.880	6023989.457		2251.038	RS-700	0.64803911950
13470	9/13/2019 7:42:09		-122.359	37.716	2088509.232	6023991.739		2196.117	RS-700	0.30262220126
13471	9/13/2019 7:42:10		-122.359	37.716	2088507.408	6023993.728		2119.972	RS-700	-0.17627622642
13472	9/13/2019 7:42:11		-122.359	37.716	2088506.064	6023995.408		2233.803	RS-700	0.53964459120
13473	9/13/2019 7:42:12		-122.359	37.716	2088505.664	6023997.165		2185.013	RS-700	0.23278553459
13474	9/13/2019 7:42:13		-122.359	37.716	2088505.813	6023998.875		2306.960	RS-700	0.99974748428
13475	9/13/2019 7:42:14		-122.359	37.716	2088506.067	6024000.760		2272.710	RS-700	0.78434106918
13476	9/13/2019 7:42:15		-122.359	37.716	2088506.067	6024002.554		2186.451	RS-700	0.24183138365
13477	9/13/2019 7:42:16		-122.359	37.716	2088505.523	6024004.308		2255.143	RS-700	0.67385559748
13478	9/13/2019 7:42:17		-122.359	37.716	2088504.147	6024005.698		2271.032	RS-700	0.77378578616
13479	9/13/2019 7:42:18		-122.359	37.716	2088502.449	6024006.851		2169.979	RS-700	0.13823396226
13480	9/13/2019 7:42:19		-122.359	37.716	2088500.979	6024007.545		2330.413	RS-700	1.14725025157

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SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
13481	9/13/2019 7:42:20		-122.359	37.716	2088500.355	6024007.793		2224.790	RS-700	0.48295433962
13482	9/13/2019 7:42:21		-122.359	37.716	2088499.293	6024008.090		2234.439	RS-700	0.54364163522
13483	9/13/2019 7:42:22		-122.359	37.716	2088497.353	6024008.543		2285.589	RS-700	0.86534037736
13484	9/13/2019 7:42:23		-122.359	37.716	2088494.969	6024009.393		2163.305	RS-700	0.09625647799
13485	9/13/2019 7:42:24		-122.359	37.716	2088492.969	6024011.089		2214.131	RS-700	0.41591779874
13486	9/13/2019 7:42:25		-122.359	37.716	2088491.330	6024012.908		2130.975	RS-700	-0.10707729560
13487	9/13/2019 7:42:26		-122.359	37.716	2088490.137	6024014.302		1935.504	RS-700	-1.33645314465
13488	9/13/2019 7:42:27		-122.359	37.716	2088489.168	6024015.411		1844.289	RS-700	-1.91013012579
13489	9/13/2019 7:42:28		-122.359	37.716	2088488.236	6024016.492		2123.762	RS-700	-0.15244314465
13490	9/13/2019 7:42:29		-122.359	37.716	2088487.341	6024017.573		2230.463	RS-700	0.51863597484
13491	9/13/2019 7:42:30		-122.359	37.716	2088486.481	6024018.685		2203.787	RS-700	0.35085886793
13492	9/13/2019 7:42:31		-122.359	37.716	2088485.393	6024020.283		2322.830	RS-700	1.09956257862
13493	9/13/2019 7:42:32		-122.359	37.716	2088484.041	6024022.368		2222.688	RS-700	0.46973792453
13494	9/13/2019 7:42:33		-122.359	37.716	2088482.395	6024024.563		2145.552	RS-700	-0.01539534591
13495	9/13/2019 7:42:34		-122.359	37.716	2088480.530	6024026.783		2249.573	RS-700	0.63882597484
13496	9/13/2019 7:42:35		-122.359	37.716	2088478.627	6024029.088		2184.780	RS-700	0.23132295598
13497	9/13/2019 7:42:36		-122.359	37.716	2088476.759	6024031.423		2153.773	RS-700	0.03630849057
13498	9/13/2019 7:42:37		-122.359	37.716	2088474.965	6024033.731		2170.096	RS-700	0.13897062893
13499	9/13/2019 7:42:38		-122.359	37.716	2088473.282	6024035.983		2181.334	RS-700	0.20964509434
13500	9/13/2019 7:42:39		-122.359	37.716	2088471.524	6024038.292		2090.046	RS-700	-0.36449295598
13501	9/13/2019 7:42:40		-122.359	37.716	2088469.764	6024040.716		2096.541	RS-700	-0.32364150943
13502	9/13/2019 7:42:41		-122.359	37.716	2088468.040	6024043.199		2149.548	RS-700	0.00973540881
13503	9/13/2019 7:42:42		-122.359	37.716	2088466.316	6024045.624		2119.181	RS-700	-0.18125157233
13504	9/13/2019 7:42:43		-122.359	37.716	2088464.412	6024047.987		2169.231	RS-700	0.13353037736
13505	9/13/2019 7:42:44		-122.359	37.716	2088462.545	6024050.322		2130.763	RS-700	-0.10840591195
13506	9/13/2019 7:42:45		-122.359	37.716	2088460.640	6024052.715		2060.839	RS-700	-0.54818006289
13507	9/13/2019 7:42:46		-122.359	37.716	2088458.808	6024055.108		2162.548	RS-700	0.09149867925
13508	9/13/2019 7:42:47		-122.359	37.716	2088457.120	6024057.563		2078.842	RS-700	-0.43495679245
13509	9/13/2019 7:42:48		-122.359	37.716	2088455.362	6024059.871		2128.971	RS-700	-0.11967742138
13510	9/13/2019 7:42:49		-122.359	37.716	2088453.575	6024061.861		2072.740	RS-700	-0.47333345912
13511	9/13/2019 7:42:50		-122.359	37.716	2088452.232	6024063.455		2061.961	RS-700	-0.54112779874
13512	9/13/2019 7:42:51		-122.359	37.716	2088451.111	6024064.879		1996.908	RS-700	-0.95026245283
13513	9/13/2019 7:42:52		-122.359	37.716	2088449.513	6024066.525		2070.947	RS-700	-0.48461094340
13514	9/13/2019 7:42:53		-122.359	37.716	2088448.277	6024068.236		2118.948	RS-700	-0.18271540881
13515	9/13/2019 7:42:54		-122.359	37.716	2088448.093	6024070.142		2049.737	RS-700	-0.61800635220
13516	9/13/2019 7:42:55		-122.359	37.716	2088448.289	6024071.303		1973.599	RS-700	-1.09685987421
13517	9/13/2019 7:42:56		-122.359	37.716	2088448.184	6024071.070		2073.849	RS-700	-0.46636075472
13518	9/13/2019 7:42:57		-122.359	37.716	2088447.506	6024070.391		2041.029	RS-700	-0.67277471698
13519	9/13/2019 7:42:58		-122.359	37.716	2088446.322	6024069.470		1957.696	RS-700	-1.19688094340
13520	9/13/2019 7:42:59		-122.359	37.716	2088446.286	6024069.441		2020.616	RS-700	-0.80115974843
13521	9/13/2019 7:43:00		-122.359	37.716	2088447.325	6024070.329		1979.524	RS-700	-1.05959628931
13522	9/13/2019 7:43:01		-122.359	37.716	2088448.322	6024071.449		1950.691	RS-700	-1.24093440252
13523	9/13/2019 7:43:02		-122.359	37.716	2088449.980	6024072.349		2032.617	RS-700	-0.72568012579
13524	9/13/2019 7:43:03		-122.359	37.716	2088451.821	6024073.138		1993.518	RS-700	-0.97158371069
13525	9/13/2019 7:43:04		-122.359	37.716	2088453.915	6024074.048		2088.643	RS-700	-0.37331729560
13526	9/13/2019 7:43:05		-122.359	37.716	2088455.597	6024075.557		2038.838	RS-700	-0.68655496855
13527	9/13/2019 7:43:06		-122.359	37.716	2088457.095	6024077.149		2062.745	RS-700	-0.53619320755
13528	9/13/2019 7:43:07		-122.359	37.716	2088458.561	6024078.509		2074.949	RS-700	-0.45944062893
13529	9/13/2019 7:43:08		-122.359	37.716	2088460.095	6024080.159		2059.274	RS-700	-0.55802452830
13530	9/13/2019 7:43:09		-122.359	37.716	2088461.754	6024080.944		2036.725	RS-700	-0.69984509434
13531	9/13/2019 7:43:10		-122.359	37.716	2088462.979	6024081.634		2053.434	RS-700	-0.59475308176
13532	9/13/2019 7:43:11		-122.359	37.716	2088464.023	6024082.233		1978.417	RS-700	-1.06656232704
13533	9/13/2019 7:43:12		-122.359	37.716	2088464.311	6024082.413		2032.837	RS-700	-0.72429792453
13534	9/13/2019 7:43:13		-122.359	37.716	2088465.213	6024082.836		2035.141	RS-700	-0.70980610063
13535	9/13/2019 7:43:14		-122.359	37.716	2088466.330	6024083.436		2065.940	RS-700	-0.51609767296
13536	9/13/2019 7:43:15		-122.359	37.716	2088467.336	6024084.122		2081.638	RS-700	-0.41737163522
13537	9/13/2019 7:43:16		-122.359	37.716	2088467.803	6024084.449		1973.700	RS-700	-1.09622635220
13538	9/13/2019 7:43:17		-122.359	37.716	2088467.515	6024084.270		1997.516	RS-700	-0.94644207547
13539	9/13/2019 7:43:18		-122.359	37.716	2088466.004	6024083.343		2024.621	RS-700	-0.77596767296
13540	9/13/2019 7:43:19		-122.359	37.716	2088464.392	6024081.980		2026.135	RS-700	-0.76644880503
13541	9/13/2019 7:43:20		-122.359	37.716	2088462.752	6024080.212		1962.604	RS-700	-1.16601566038

Gamma Scan Survey Results
Survey Unit 4 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
13542	9/13/2019 7:43:21		-122.359	37.716	2088461.228	6024078.099		2083.864	RS-700	-0.40337345912
13543	9/13/2019 7:43:22		-122.359	37.716	2088459.927	6024075.758		2011.516	RS-700	-0.85838930818
13544	9/13/2019 7:43:23		-122.359	37.716	2088458.369	6024073.500		2025.824	RS-700	-0.76840415094
13545	9/13/2019 7:43:24		-122.359	37.716	2088456.880	6024071.474		2042.857	RS-700	-0.66127723270
13546	9/13/2019 7:43:25		-122.359	37.716	2088455.345	6024069.939		2107.654	RS-700	-0.25374981132
13547	9/13/2019 7:43:26		-122.359	37.716	2088453.583	6024068.776		2025.933	RS-700	-0.76771823899
13548	9/13/2019 7:43:27		-122.359	37.716	2088452.023	6024068.484		2098.961	RS-700	-0.30842238994
13549	9/13/2019 7:43:28		-122.359	37.716	2088452.060	6024068.456		2048.921	RS-700	-0.62313798742
13550	9/13/2019 7:43:29		-122.359	37.716	2088450.569	6024068.369		2121.966	RS-700	-0.16373798742
13551	9/13/2019 7:43:30		-122.359	37.716	2088450.315	6024068.277		2057.738	RS-700	-0.56768308176
13552	9/13/2019 7:43:31		-122.359	37.716	2088450.930	6024068.492		2128.758	RS-700	-0.12102094340
13553	9/13/2019 7:43:32		-122.359	37.716	2088452.019	6024068.687		2110.651	RS-700	-0.23489849057
13554	9/13/2019 7:43:33		-122.359	37.716	2088453.077	6024068.592		2056.648	RS-700	-0.57454308176
13555	9/13/2019 7:43:34		-122.359	37.716	2088454.214	6024068.181		2116.544	RS-700	-0.19783716981
13556	9/13/2019 7:43:35		-122.359	37.716	2088455.432	6024067.366		2061.970	RS-700	-0.54106899371
13557	9/13/2019 7:43:36		-122.359	37.716	2088457.024	6024066.067		2052.425	RS-700	-0.60110094340
13558	9/13/2019 7:43:37		-122.359	37.716	2088458.558	6024063.985		2108.543	RS-700	-0.24815735849
13559	9/13/2019 7:43:38		-122.359	37.716	2088460.421	6024061.910		2154.662	RS-700	0.04189716981
13560	9/13/2019 7:43:39		-122.359	37.716	2088462.320	6024059.807		2165.772	RS-700	0.11177540881
13561	9/13/2019 7:43:40		-122.359	37.716	2088463.965	6024057.670		2172.896	RS-700	0.15657924528
13562	9/13/2019 7:43:41		-122.359	37.716	2088465.352	6024055.672		2142.870	RS-700	-0.03226672956
13563	9/13/2019 7:43:42		-122.359	37.716	2088466.919	6024053.765		2190.099	RS-700	0.26477459120
13564	9/13/2019 7:43:43		-122.359	37.716	2088468.713	6024051.457		2130.438	RS-700	-0.11045358491
13565	9/13/2019 7:43:44		-122.359	37.716	2088470.398	6024049.147		2167.766	RS-700	0.12431314465
13566	9/13/2019 7:43:45		-122.359	37.716	2088472.082	6024046.866		2219.784	RS-700	0.45147396226
13567	9/13/2019 7:43:46		-122.359	37.716	2088473.656	6024044.641		2157.229	RS-700	0.05804654088
13568	9/13/2019 7:43:47		-122.359	37.716	2088475.378	6024042.303		2158.877	RS-700	0.06841044025
13569	9/13/2019 7:43:48		-122.359	37.716	2088476.989	6024040.020		2183.213	RS-700	0.22146735849
13570	9/13/2019 7:43:49		-122.359	37.716	2088478.674	6024037.711		2094.853	RS-700	-0.33426044025
13571	9/13/2019 7:43:50		-122.359	37.716	2088480.431	6024035.402		2163.203	RS-700	0.09561522013
13572	9/13/2019 7:43:51		-122.359	37.716	2088482.225	6024033.123		2297.279	RS-700	0.93886320755
13573	9/13/2019 7:43:52		-122.359	37.716	2088484.054	6024030.874		2176.776	RS-700	0.18098295598
13574	9/13/2019 7:43:53		-122.359	37.716	2088485.810	6024028.623		2157.557	RS-700	0.06010610063
13575	9/13/2019 7:43:54		-122.359	37.716	2088487.495	6024026.342		2262.260	RS-700	0.71861547170
13576	9/13/2019 7:43:55		-122.359	37.716	2088489.070	6024024.030		2216.907	RS-700	0.43338037736
13577	9/13/2019 7:43:56		-122.359	37.716	2088490.678	6024021.921		2181.664	RS-700	0.21172169811
13578	9/13/2019 7:43:57		-122.359	37.716	2088492.288	6024019.726		2201.015	RS-700	0.33342647799
13579	9/13/2019 7:43:58		-122.359	37.716	2088493.896	6024017.588		2184.890	RS-700	0.23201402516
13580	9/13/2019 7:43:59		-122.359	37.716	2088495.579	6024015.394		2292.160	RS-700	0.90666553459
13581	9/13/2019 7:44:00		-122.359	37.716	2088497.115	6024013.225		2233.245	RS-700	0.53613396226
13582	9/13/2019 7:44:01		-122.359	37.716	2088498.611	6024011.230		2253.031	RS-700	0.66057025157
13583	9/13/2019 7:44:02		-122.359	37.716	2088500.138	6024009.553		2228.685	RS-700	0.50745182390
13584	9/13/2019 7:44:03		-122.359	37.716	2088501.661	6024008.050		2221.571	RS-700	0.46271238994
13585	9/13/2019 7:44:04		-122.359	37.716	2088503.038	6024006.573		2290.046	RS-700	0.89337301887
13586	9/13/2019 7:44:05		-122.359	37.716	2088504.455	6024004.865		2291.156	RS-700	0.90034968554
13587	9/13/2019 7:44:06		-122.359	37.716	2088505.843	6024002.839		2274.154	RS-700	0.79342270440
13588	9/13/2019 7:44:07		-122.359	37.716	2088507.163	6024000.580		2199.007	RS-700	0.32079691824
13589	9/13/2019 7:44:08		-122.359	37.716	2088508.846	6023998.328		2128.547	RS-700	-0.12234402516
13590	9/13/2019 7:44:09		-122.359	37.716	2088510.747	6023996.138		2166.991	RS-700	0.11943805031
13591	9/13/2019 7:44:10		-122.359	37.716	2088512.648	6023993.948		2253.493	RS-700	0.66347735849
13592	9/13/2019 7:44:11		-122.359	37.716	2088514.367	6023991.725		2217.681	RS-700	0.43824427673
13593	9/13/2019 7:44:12		-122.359	37.716	2088515.938	6023989.645		2151.871	RS-700	0.02434477987
13594	9/13/2019 7:44:13		-122.359	37.716	2088517.580	6023987.652		2111.432	RS-700	-0.22998553459
13595	9/13/2019 7:44:14		-122.359	37.716	2088519.261	6023985.573		2104.538	RS-700	-0.27334616352
13596	9/13/2019 7:44:15		-122.359	37.716	2088520.978	6023983.438		2132.147	RS-700	-0.09970735849
13597	9/13/2019 7:44:16		-122.359	37.716	2088522.771	6023981.188		1911.040	RS-700	-1.49031591195
13598	9/13/2019 7:44:17		-122.359	37.716	2088524.489	6023979.052		2109.419	RS-700	-0.24264949686
13599	9/13/2019 7:44:18		-122.359	37.716	2088526.243	6023976.888		2228.573	RS-700	0.50675069182
13600	9/13/2019 7:44:19		-122.359	37.716	2088528.036	6023974.667		2239.910	RS-700	0.57805050315
13601	9/13/2019 7:44:20		-122.359	37.716	2088529.756	6023972.387		2221.783	RS-700	0.46404150943
13602	9/13/2019 7:44:21		-122.359	37.716	2088531.328	6023970.248		2213.136	RS-700	0.40965930818

Gamma Scan Survey Results
Survey Unit 4 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
13603	9/13/2019 7:44:22		-122.359	37.716	2088532.939	6023968.024		2138.879	RS-700	-0.05736647799
13604	9/13/2019 7:44:23		-122.359	37.716	2088534.513	6023965.770		2156.882	RS-700	0.05585855346
13605	9/13/2019 7:44:24		-122.359	37.716	2088536.086	6023963.573		2270.925	RS-700	0.77311270440
13606	9/13/2019 7:44:25		-122.359	37.716	2088537.841	6023961.409		2150.197	RS-700	0.01381515723
13607	9/13/2019 7:44:26		-122.359	37.716	2088539.669	6023959.189		2273.494	RS-700	0.78927283019
13608	9/13/2019 7:44:27		-122.359	37.716	2088541.534	6023956.998		2162.563	RS-700	0.09158861635
13609	9/13/2019 7:44:28		-122.359	37.716	2088543.401	6023954.692		2149.200	RS-700	0.00754943396
13610	9/13/2019 7:44:29		-122.359	37.716	2088545.086	6023952.353		2166.310	RS-700	0.11515805031
13611	9/13/2019 7:44:30		-122.359	37.716	2088546.844	6023950.016		2093.863	RS-700	-0.34048251572
13612	9/13/2019 7:44:31		-122.359	37.716	2088548.531	6023947.619		2175.667	RS-700	0.17400918239
13613	9/13/2019 7:44:32		-122.359	37.716	2088550.182	6023945.164		2241.260	RS-700	0.58653836478
13614	9/13/2019 7:44:33		-122.359	37.716	2088551.904	6023942.826		2264.239	RS-700	0.73106050315
13615	9/13/2019 7:44:34		-122.359	37.716	2088553.772	6023940.433		2234.919	RS-700	0.54665855346
13616	9/13/2019 7:44:35		-122.359	37.716	2088555.713	6023938.070		2321.945	RS-700	1.09399194969
13617	9/13/2019 7:44:36		-122.359	37.716	2088557.581	6023935.677		2289.704	RS-700	0.89121849057
13618	9/13/2019 7:44:37		-122.359	37.716	2088559.413	6023933.283		2339.946	RS-700	1.20721044025
13619	9/13/2019 7:44:38		-122.359	37.716	2088561.247	6023930.832		2281.818	RS-700	0.84162031447
13620	9/13/2019 7:44:39		-122.359	37.716	2088563.044	6023928.350		2284.049	RS-700	0.85565440252
13621	9/13/2019 7:44:40		-122.359	37.716	2088564.876	6023925.957		2176.665	RS-700	0.18028100629
13622	9/13/2019 7:44:41		-122.359	37.716	2088566.706	6023923.650		2360.662	RS-700	1.33749679245
13623	9/13/2019 7:44:42		-122.359	37.716	2088568.430	6023921.225		2283.047	RS-700	0.84935176101
13624	9/13/2019 7:44:43		-122.359	37.716	2088570.193	6023918.656		2311.054	RS-700	1.02549748428
13625	9/13/2019 7:44:44		-122.359	37.716	2088571.955	6023916.116		2199.564	RS-700	0.32430188679
13626	9/13/2019 7:44:45		-122.359	37.716	2088573.751	6023913.693		2270.466	RS-700	0.77022547170
13627	9/13/2019 7:44:46		-122.359	37.716	2088575.549	6023911.182		2202.450	RS-700	0.34245000000
13628	9/13/2019 7:44:47		-122.359	37.716	2088577.492	6023908.733		2169.553	RS-700	0.13555194969
13629	9/13/2019 7:44:48		-122.359	37.716	2088579.396	6023906.370		2072.097	RS-700	-0.47737874214
13630	9/13/2019 7:44:49		-122.359	37.716	2088581.189	6023904.091		2072.323	RS-700	-0.47595773585
13631	9/13/2019 7:44:50		-122.359	37.716	2088582.915	6023901.550		2157.664	RS-700	0.06077779874
13632	9/13/2019 7:44:51		-122.359	37.716	2088584.713	6023899.040		2138.546	RS-700	-0.05946176101
13633	9/13/2019 7:44:52		-122.359	37.716	2088586.437	6023896.586		2126.973	RS-700	-0.13224578616
13634	9/13/2019 7:44:53		-122.359	37.716	2088588.160	6023894.161		2132.656	RS-700	-0.09650270440
13635	9/13/2019 7:44:54		-122.359	37.716	2088589.956	6023891.767		2159.986	RS-700	0.07538201258
13636	9/13/2019 7:44:55		-122.359	37.716	2088591.861	6023889.375		2078.528	RS-700	-0.43693044025
13637	9/13/2019 7:44:56		-122.359	37.716	2088593.691	6023887.068		2092.648	RS-700	-0.34812515723
13638	9/13/2019 7:44:57		-122.359	37.716	2088595.341	6023884.670		2163.883	RS-700	0.09989553459
13639	9/13/2019 7:44:58		-122.359	37.716	2088596.812	6023882.125		2245.908	RS-700	0.61577213837
13640	9/13/2019 7:44:59		-122.359	37.716	2088598.536	6023879.671		2116.865	RS-700	-0.19581522013
13641	9/13/2019 7:45:00		-122.359	37.716	2088600.400	6023877.509		2204.566	RS-700	0.35575855346
13642	9/13/2019 7:45:01		-122.359	37.716	2088602.556	6023875.324		2143.659	RS-700	-0.02730452830
13643	9/13/2019 7:45:02		-122.359	37.716	2088604.567	6023873.079		2165.099	RS-700	0.10753880503
13644	9/13/2019 7:45:03		-122.359	37.716	2088606.651	6023870.864		2147.875	RS-700	-0.00078415094
13645	9/13/2019 7:45:04		-122.359	37.716	2088608.665	6023868.473		2239.921	RS-700	0.57811811321
13646	9/13/2019 7:45:05		-122.359	37.716	2088610.714	6023866.142		2142.985	RS-700	-0.03154320755
13647	9/13/2019 7:45:06		-122.359	37.716	2088612.655	6023863.779		2201.787	RS-700	0.33828427673
13648	9/13/2019 7:45:07		-122.359	37.716	2088614.595	6023861.445		2167.977	RS-700	0.12564308176
13649	9/13/2019 7:45:08		-122.359	37.716	2088616.499	6023859.111		2215.570	RS-700	0.42497100629
13650	9/13/2019 7:45:09		-122.359	37.716	2088618.511	6023856.807		2089.860	RS-700	-0.36566333333
13651	9/13/2019 7:45:10		-122.359	37.716	2088620.414	6023854.531		2068.753	RS-700	-0.49840622642
13652	9/13/2019 7:45:11		-122.359	37.716	2088622.096	6023852.365		2016.728	RS-700	-0.82561081761
13653	9/13/2019 7:45:12		-122.359	37.716	2088623.481	6023850.484		2134.442	RS-700	-0.08527188679
13654	9/13/2019 7:45:13		-122.359	37.716	2088623.663	6023848.665		1776.818	RS-700	-2.33448050314
13655	9/13/2019 7:45:14		-122.359	37.716	2088624.675	6023847.180		1590.400	RS-700	-3.50692012579
13656	9/13/2019 7:45:15		-122.359	37.716	2088625.028	6023845.943		1860.681	RS-700	-1.80703477987
13657	9/13/2019 7:45:16		-122.359	37.716	2088625.890	6023844.687		2091.537	RS-700	-0.35511433962
13658	9/13/2019 7:45:17		-122.359	37.716	2088627.623	6023843.623		2098.172	RS-700	-0.31338069182
13659	9/13/2019 7:45:18		-122.359	37.716	2088629.870	6023842.365		1859.666	RS-700	-1.81342138365
13660	9/13/2019 7:45:19		-122.360	37.716	2088632.162	6023840.646		1060.164	RS-700	-6.84173654088
13661	9/13/2019 7:45:20		-122.360	37.716	2088634.276	6023838.721		1281.586	RS-700	-5.44914226415
13662	9/13/2019 7:45:21		-122.360	37.716	2088636.687	6023836.512		2087.740	RS-700	-0.37899339623
13663	9/13/2019 7:45:22		-122.360	37.716	2088638.438	6023834.551		2225.670	RS-700	0.48849264151

Gamma Scan Survey Results
Survey Unit 4 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
13664	9/13/2019 7:45:23		-122.360	37.716	2088640.451	6023832.218		2168.980	RS-700	0.13195188679
13665	9/13/2019 7:45:24		-122.360	37.716	2088641.340	6023829.603		2143.665	RS-700	-0.02726628931
13666	9/13/2019 7:45:25		-122.360	37.716	2088643.172	6023827.239		2185.207	RS-700	0.23400459120
13667	9/13/2019 7:45:26		-122.360	37.716	2088645.114	6023824.818		2142.980	RS-700	-0.03157333333
13668	9/13/2019 7:45:27		-122.360	37.716	2088646.801	6023822.363		2127.639	RS-700	-0.12805440252
13669	9/13/2019 7:45:28		-122.360	37.716	2088648.558	6023820.113		2106.653	RS-700	-0.26004188679
13670	9/13/2019 7:45:29		-122.360	37.716	2088650.496	6023817.895		2287.705	RS-700	0.87864496855
13671	9/13/2019 7:45:30		-122.360	37.716	2088652.323	6023815.732		2182.521	RS-700	0.21711534591
13672	9/13/2019 7:45:31		-122.360	37.716	2088654.004	6023813.596		2203.558	RS-700	0.34942006289
13673	9/13/2019 7:45:32		-122.360	37.716	2088655.686	6023811.431		2201.677	RS-700	0.33759025157
13674	9/13/2019 7:45:33		-122.360	37.716	2088657.042	6023809.201		2181.990	RS-700	0.21377169811
13675	9/13/2019 7:45:34		-122.360	37.716	2088658.724	6023807.036		2147.979	RS-700	-0.00012974843
13676	9/13/2019 7:45:35		-122.360	37.716	2088660.552	6023804.844		2179.123	RS-700	0.19574119497
13677	9/13/2019 7:45:36		-122.360	37.716	2088662.083	6023802.908		2265.037	RS-700	0.73608276730
13678	9/13/2019 7:45:37		-122.360	37.716	2088663.129	6023801.626		2209.232	RS-700	0.38510723270
13679	9/13/2019 7:45:38		-122.360	37.716	2088664.563	6023800.903		2293.503	RS-700	0.91511364780
13680	9/13/2019 7:45:39		-122.360	37.716	2088666.270	6023801.168		2358.309	RS-700	1.32270119497
13681	9/13/2019 7:45:40		-122.360	37.716	2088667.461	6023801.713		2345.407	RS-700	1.24155176101
13682	9/13/2019 7:45:41		-122.360	37.716	2088667.931	6023801.867		2427.862	RS-700	1.76014012579
13683	9/13/2019 7:45:42		-122.360	37.716	2088667.123	6023800.404		2407.110	RS-700	0.61908982405
13684	9/13/2019 7:45:43		-122.360	37.716	2088666.579	6023798.426		2468.745	RS-700	0.79983868035
13685	9/13/2019 7:45:44		-122.360	37.716	2088666.262	6023797.899		2539.293	RS-700	1.00672331378
13686	9/13/2019 7:45:45		-122.360	37.716	2088666.606	6023798.918		2480.751	RS-700	0.83504665689
13687	9/13/2019 7:45:46		-122.360	37.716	2088666.902	6023800.486		2435.876	RS-700	1.81053993711
13688	9/13/2019 7:45:47		-122.360	37.716	2088666.540	6023802.215		2243.474	RS-700	0.60046301887
13689	9/13/2019 7:45:48		-122.360	37.716	2088665.529	6023803.641		2203.118	RS-700	0.34665477987
13690	9/13/2019 7:45:49		-122.360	37.716	2088664.019	6023804.450		2178.012	RS-700	0.18875446541
13691	9/13/2019 7:45:50		-122.360	37.716	2088662.978	6023805.529		2155.526	RS-700	0.04733440252
13692	9/13/2019 7:45:51		-122.360	37.716	2088661.630	6023807.412		2272.916	RS-700	0.78563716981
13693	9/13/2019 7:45:52		-122.360	37.716	2088660.282	6023809.236		2232.126	RS-700	0.52909327044
13694	9/13/2019 7:45:53		-122.360	37.716	2088658.822	6023811.262		2186.784	RS-700	0.24392578616
13695	9/13/2019 7:45:54		-122.360	37.716	2088657.099	6023813.629		2227.134	RS-700	0.49769666667
13696	9/13/2019 7:45:55		-122.360	37.716	2088655.379	6023815.909		2231.460	RS-700	0.52490559748
13697	9/13/2019 7:45:56		-122.360	37.716	2088653.766	6023818.249		2176.003	RS-700	0.17611698113
13698	9/13/2019 7:45:57		-122.360	37.716	2088652.082	6023820.530		2163.879	RS-700	0.09987012579
13699	9/13/2019 7:45:58		-122.360	37.716	2088650.433	6023822.870		2214.000	RS-700	0.41509207547
13700	9/13/2019 7:45:59		-122.360	37.716	2088647.934	6023825.829		2233.242	RS-700	0.53611132076
13701	9/13/2019 7:46:00		-122.360	37.716	2088646.177	6023828.137		2169.557	RS-700	0.13558119497
13702	9/13/2019 7:46:01		-122.360	37.716	2088645.386	6023829.452		2308.288	RS-700	1.00809792453
13703	9/13/2019 7:46:02		-122.360	37.716	2088643.592	6023831.731		2210.558	RS-700	0.39344471698
13704	9/13/2019 7:46:03		-122.360	37.716	2088641.946	6023833.955		2111.968	RS-700	-0.22661371069
13705	9/13/2019 7:46:04		-122.360	37.716	2088640.373	6023836.122		2127.761	RS-700	-0.12728779874
13706	9/13/2019 7:46:05		-122.360	37.716	2088638.552	6023837.967		1341.617	RS-700	-5.07158899371
13707	9/13/2019 7:46:06		-122.360	37.716	2088637.017	6023840.077		965.249	RS-700	-7.43868710692
13708	9/13/2019 7:46:07		-122.360	37.716	2088635.601	6023841.698		1299.335	RS-700	-5.33751685535
13709	9/13/2019 7:46:08		-122.359	37.716	2088634.474	6023843.411		1994.119	RS-700	-0.96780257862
13710	9/13/2019 7:46:09		-122.359	37.716	2088632.725	6023845.315		2151.418	RS-700	0.02149899371
13711	9/13/2019 7:46:10		-122.359	37.716	2088632.248	6023845.450		2190.562	RS-700	0.26768805031
13712	9/13/2019 7:46:11		-122.359	37.716	2088631.698	6023845.671		2185.573	RS-700	0.23630716981
13713	9/13/2019 7:46:12		-122.359	37.716	2088632.100	6023845.592		2171.669	RS-700	0.14885930818
13714	9/13/2019 7:46:13		-122.359	37.716	2088633.663	6023845.739		2155.335	RS-700	0.04613402516
13715	9/13/2019 7:46:14		-122.359	37.716	2088634.854	6023846.283		2175.099	RS-700	0.17043383648
13716	9/13/2019 7:46:15		-122.359	37.716	2088634.529	6023846.161		2115.376	RS-700	-0.20518283019
13717	9/13/2019 7:46:16		-122.359	37.716	2088633.371	6023845.762		2122.650	RS-700	-0.15943528302
13718	9/13/2019 7:46:17		-122.359	37.716	2088632.391	6023845.627		2182.547	RS-700	0.21727477987
13719	9/13/2019 7:46:18		-122.359	37.716	2088631.638	6023845.033		2124.863	RS-700	-0.14551767296
13720	9/13/2019 7:46:19		-122.359	37.716	2088630.378	6023844.256		2067.354	RS-700	-0.50720471698
13721	9/13/2019 7:46:20		-122.359	37.716	2088628.999	6023844.026		2122.552	RS-700	-0.16004918239
13722	9/13/2019 7:46:21		-122.359	37.716	2088627.942	6023844.063		2052.249	RS-700	-0.60220698113
13723	9/13/2019 7:46:22		-122.359	37.716	2088628.203	6023843.779		2162.229	RS-700	0.08948792453
13724	9/13/2019 7:46:23		-122.359	37.716	2088629.069	6023842.349		1963.709	RS-700	-1.15906522013

Gamma Scan Survey Results
Survey Unit 4 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
13725	9/13/2019 7:46:24		-122.360	37.716	2088629.296	6023841.920		2041.730	RS-700	-0.66836566038
13726	9/13/2019 7:46:25		-122.359	37.716	2088628.617	6023843.093		2166.100	RS-700	0.11383849057
13727	9/13/2019 7:46:26		-122.359	37.716	2088627.685	6023844.173		2076.263	RS-700	-0.45117660377
13728	9/13/2019 7:46:27		-122.359	37.716	2088626.427	6023845.161		1722.446	RS-700	-2.67643798742
13729	9/13/2019 7:46:28		-122.359	37.716	2088624.977	6023846.666		1661.596	RS-700	-3.05914201258
13730	9/13/2019 7:46:29		-122.359	37.716	2088623.702	6023848.521		2098.641	RS-700	-0.31043345912
13731	9/13/2019 7:46:30		-122.359	37.716	2088622.860	6023850.558		2084.747	RS-700	-0.39781886793
13732	9/13/2019 7:46:31		-122.359	37.716	2088621.256	6023852.465		2128.977	RS-700	-0.11963874214
13733	9/13/2019 7:46:32		-122.359	37.716	2088621.072	6023854.428		2085.431	RS-700	-0.39351622642
13734	9/13/2019 7:46:33		-122.359	37.716	2088619.944	6023856.199		2111.258	RS-700	-0.23107930818
13735	9/13/2019 7:46:34		-122.359	37.716	2088618.663	6023858.315		2232.348	RS-700	0.53048918239
13736	9/13/2019 7:46:35		-122.359	37.716	2088617.198	6023860.600		2187.658	RS-700	0.24941930818
13737	9/13/2019 7:46:36		-122.359	37.716	2088615.622	6023862.912		2258.920	RS-700	0.69760899371
13738	9/13/2019 7:46:37		-122.359	37.716	2088614.051	6023865.022		2168.331	RS-700	0.12786723270
13739	9/13/2019 7:46:38		-122.359	37.716	2088612.811	6023866.907		2157.983	RS-700	0.06278327044
13740	9/13/2019 7:46:39		-122.359	37.716	2088611.240	6023869.016		2171.676	RS-700	0.14890295598
13741	9/13/2019 7:46:40		-122.359	37.716	2088609.517	6023871.412		2255.031	RS-700	0.67315383648
13742	9/13/2019 7:46:41		-122.359	37.716	2088607.272	6023874.434		2196.675	RS-700	0.30613314465
13743	9/13/2019 7:46:42		-122.359	37.716	2088605.440	6023876.828		2119.864	RS-700	-0.17695779874
13744	9/13/2019 7:46:43		-122.359	37.716	2088604.165	6023878.654		2139.335	RS-700	-0.05449553459
13745	9/13/2019 7:46:44		-122.359	37.716	2088602.480	6023880.993		2237.562	RS-700	0.56328150943
13746	9/13/2019 7:46:45		-122.359	37.716	2088600.764	6023883.042		2224.796	RS-700	0.48299628931
13747	9/13/2019 7:46:46		-122.359	37.716	2088598.157	6023885.941		2200.751	RS-700	0.33176880503
13748	9/13/2019 7:46:47		-122.359	37.716	2088596.403	6023888.076		2102.595	RS-700	-0.28556861635
13749	9/13/2019 7:46:48		-122.359	37.716	2088594.910	6023889.898		2159.660	RS-700	0.07333232704
13750	9/13/2019 7:46:49		-122.359	37.716	2088593.267	6023891.948		2088.542	RS-700	-0.37395176101
13751	9/13/2019 7:46:50		-122.359	37.716	2088591.582	6023894.229		2159.770	RS-700	0.07402748428
13752	9/13/2019 7:46:51		-122.359	37.716	2088589.340	6023897.136		2159.883	RS-700	0.07473289308
13753	9/13/2019 7:46:52		-122.359	37.716	2088587.579	6023899.618		2214.129	RS-700	0.41590522013
13754	9/13/2019 7:46:53		-122.359	37.716	2088586.299	6023901.675		2163.880	RS-700	0.09987421384
13755	9/13/2019 7:46:54		-122.359	37.716	2088584.391	6023904.270		2232.694	RS-700	0.53266937107
13756	9/13/2019 7:46:55		-122.359	37.716	2088582.594	6023906.694		2232.687	RS-700	0.53262358491
13757	9/13/2019 7:46:56		-122.359	37.716	2088580.800	6023909.030		2177.324	RS-700	0.18442798742
13758	9/13/2019 7:46:57		-122.359	37.716	2088579.078	6023911.368		2270.266	RS-700	0.76896729560
13759	9/13/2019 7:46:58		-122.359	37.716	2088577.284	6023913.676		2205.899	RS-700	0.36414597484
13760	9/13/2019 7:46:59		-122.359	37.716	2088575.346	6023915.894		2260.131	RS-700	0.70522767296
13761	9/13/2019 7:47:00		-122.359	37.716	2088573.586	6023918.318		2294.150	RS-700	0.91918459120
13762	9/13/2019 7:47:01		-122.359	37.716	2088571.791	6023920.713		2275.380	RS-700	0.80113000000
13763	9/13/2019 7:47:02		-122.359	37.716	2088569.996	6023923.049		2355.967	RS-700	1.30796798742
13764	9/13/2019 7:47:03		-122.359	37.716	2088568.237	6023925.445		2259.260	RS-700	0.69974993711
13765	9/13/2019 7:47:04		-122.359	37.716	2088565.920	6023928.407		2305.272	RS-700	0.98913270440
13766	9/13/2019 7:47:05		-122.359	37.716	2088564.125	6023930.744		2272.938	RS-700	0.78577490566
13767	9/13/2019 7:47:06		-122.359	37.716	2088562.887	6023932.600		2214.770	RS-700	0.41993547170
13768	9/13/2019 7:47:07		-122.359	37.716	2088561.019	6023934.964		2313.944	RS-700	1.04367138365
13769	9/13/2019 7:47:08		-122.359	37.716	2088559.262	6023937.244		2276.471	RS-700	0.80799666667
13770	9/13/2019 7:47:09		-122.359	37.716	2088557.469	6023939.494		2227.244	RS-700	0.49839012579
13771	9/13/2019 7:47:10		-122.359	37.716	2088555.525	6023942.030		2289.704	RS-700	0.89122251572
13772	9/13/2019 7:47:11		-122.359	37.716	2088553.657	6023944.394		2165.660	RS-700	0.11106672956
13773	9/13/2019 7:47:12		-122.359	37.716	2088551.754	6023946.700		2243.915	RS-700	0.60323886793
13774	9/13/2019 7:47:13		-122.359	37.716	2088549.739	6023949.119		2121.493	RS-700	-0.16670911950
13775	9/13/2019 7:47:14		-122.359	37.716	2088547.350	6023952.051		2200.894	RS-700	0.33266616352
13776	9/13/2019 7:47:15		-122.359	37.716	2088545.927	6023954.019		2244.702	RS-700	0.60818622642
13777	9/13/2019 7:47:16		-122.359	37.716	2088544.020	6023956.498		2134.189	RS-700	-0.08685918239
13778	9/13/2019 7:47:17		-122.359	37.716	2088542.114	6023958.977		2200.785	RS-700	0.33198031447
13779	9/13/2019 7:47:18		-122.359	37.716	2088540.281	6023961.429		2173.996	RS-700	0.16349559748
13780	9/13/2019 7:47:19		-122.359	37.716	2088538.339	6023963.820		2213.901	RS-700	0.41446899371
13781	9/13/2019 7:47:20		-122.359	37.716	2088536.288	6023966.239		2158.448	RS-700	0.06571138365
13782	9/13/2019 7:47:21		-122.359	37.716	2088534.384	6023968.573		2226.138	RS-700	0.49143603774
13783	9/13/2019 7:47:22		-122.359	37.716	2088532.553	6023970.938		2206.108	RS-700	0.36545855346
13784	9/13/2019 7:47:23		-122.359	37.716	2088530.686	6023973.273		2107.963	RS-700	-0.25180723270
13785	9/13/2019 7:47:24		-122.359	37.716	2088528.927	6023975.611		2139.982	RS-700	-0.05042484277

Gamma Scan Survey Results
Survey Unit 4 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
13786	9/13/2019 7:47:25		-122.359	37.716	2088527.022	6023978.003		2078.837	RS-700	-0.43499018868
13787	9/13/2019 7:47:26		-122.359	37.716	2088525.193	6023980.252		1997.619	RS-700	-0.94579358491
13788	9/13/2019 7:47:27		-122.359	37.716	2088523.591	6023982.072		2119.330	RS-700	-0.18031163522
13789	9/13/2019 7:47:28		-122.359	37.716	2088521.442	6023983.910		2201.340	RS-700	0.33547295598
13790	9/13/2019 7:47:29		-122.359	37.716	2088519.506	6023986.041		2180.677	RS-700	0.20551339623
13791	9/13/2019 7:47:30		-122.359	37.716	2088517.442	6023989.125		2167.317	RS-700	0.12149031447
13792	9/13/2019 7:47:31		-122.359	37.716	2088516.207	6023990.778		2146.768	RS-700	-0.00774622642
13793	9/13/2019 7:47:32		-122.359	37.716	2088514.743	6023993.006		2211.788	RS-700	0.40118207547
13794	9/13/2019 7:47:33		-122.359	37.716	2088513.311	6023995.407		2229.572	RS-700	0.51302937107
13795	9/13/2019 7:47:34		-122.359	37.716	2088511.657	6023997.978		2179.894	RS-700	0.20059371069
13796	9/13/2019 7:47:35		-122.359	37.716	2088510.196	6024000.061		2252.577	RS-700	0.65771905660
13797	9/13/2019 7:47:36		-122.359	37.716	2088508.512	6024002.313		2306.809	RS-700	0.99880125786
13798	9/13/2019 7:47:37		-122.359	37.716	2088506.831	6024004.450		2127.962	RS-700	-0.12602792453
13799	9/13/2019 7:47:38		-122.359	37.716	2088504.965	6024006.698		2214.682	RS-700	0.41938113208
13800	9/13/2019 7:47:39		-122.359	37.716	2088503.063	6024008.946		2256.256	RS-700	0.68085465409
13801	9/13/2019 7:47:40		-122.359	37.716	2088501.122	6024011.338		2309.827	RS-700	1.01778106918
13802	9/13/2019 7:47:41		-122.359	37.716	2088499.179	6024013.787		2300.700	RS-700	0.96038025157
13803	9/13/2019 7:47:42		-122.359	37.716	2088497.310	6024016.238		2160.667	RS-700	0.07966358491
13804	9/13/2019 7:47:43		-122.359	37.716	2088495.478	6024018.603		2195.549	RS-700	0.29905150943
13805	9/13/2019 7:47:44		-122.359	37.716	2088493.538	6024020.937		2227.353	RS-700	0.49907314465
13806	9/13/2019 7:47:45		-122.359	37.716	2088491.488	6024023.326		2216.246	RS-700	0.42921836478
13807	9/13/2019 7:47:46		-122.359	37.716	2088489.474	6024025.716		2166.337	RS-700	0.11532490566
13808	9/13/2019 7:47:47		-122.359	37.716	2088487.459	6024028.135		2186.663	RS-700	0.24316509434
13809	9/13/2019 7:47:48		-122.359	37.716	2088485.478	6024030.700		2162.667	RS-700	0.09224358491
13810	9/13/2019 7:47:49		-122.359	37.716	2088483.536	6024033.120		2184.777	RS-700	0.23130213837
13811	9/13/2019 7:47:50		-122.359	37.716	2088481.667	6024035.513		2137.758	RS-700	-0.06441396226
13812	9/13/2019 7:47:51		-122.359	37.716	2088479.798	6024037.935		2133.669	RS-700	-0.09013056604
13813	9/13/2019 7:47:52		-122.359	37.716	2088478.040	6024040.273		2185.345	RS-700	0.23487496855
13814	9/13/2019 7:47:53		-122.359	37.716	2088476.247	6024042.523		2123.957	RS-700	-0.15121559748
13815	9/13/2019 7:47:54		-122.359	37.716	2088474.452	6024044.888		2148.662	RS-700	0.00416295597
13816	9/13/2019 7:47:55		-122.359	37.716	2088472.620	6024047.282		2099.751	RS-700	-0.30345522013
13817	9/13/2019 7:47:56		-122.359	37.716	2088470.786	6024049.763		2135.877	RS-700	-0.07624553459
13818	9/13/2019 7:47:57		-122.359	37.716	2088468.915	6024052.300		2118.964	RS-700	-0.18261490566
13819	9/13/2019 7:47:58		-122.359	37.716	2088467.154	6024054.782		2130.439	RS-700	-0.11044742138
13820	9/13/2019 7:47:59		-122.359	37.716	2088465.396	6024057.120		2088.077	RS-700	-0.37687553459
13821	9/13/2019 7:48:00		-122.359	37.716	2088463.567	6024059.369		2075.420	RS-700	-0.45647503145
13822	9/13/2019 7:48:01		-122.359	37.716	2088461.629	6024061.558		2077.638	RS-700	-0.44252987421
13823	9/13/2019 7:48:02		-122.359	37.716	2088459.804	6024063.605		2071.637	RS-700	-0.48027358491
13824	9/13/2019 7:48:03		-122.359	37.716	2088458.133	6024065.221		1980.609	RS-700	-1.05277433962
13825	9/13/2019 7:48:04		-122.359	37.716	2088457.381	6024066.421		2047.324	RS-700	-0.63318050315
13826	9/13/2019 7:48:05		-122.359	37.716	2088457.022	6024067.976		2000.419	RS-700	-0.92818245283
13827	9/13/2019 7:48:06		-122.359	37.716	2088457.456	6024070.010		2072.675	RS-700	-0.47374471698
13828	9/13/2019 7:48:07		-122.359	37.716	2088458.807	6024071.657		2039.729	RS-700	-0.68095050315
13829	9/13/2019 7:48:08		-122.359	37.716	2088460.614	6024072.358		2116.548	RS-700	-0.19781201258
13830	9/13/2019 7:48:09		-122.359	37.716	2088461.925	6024072.355		2080.047	RS-700	-0.42737742138
13831	9/13/2019 7:48:10		-122.359	37.716	2088460.971	6024072.712		1960.108	RS-700	-1.18171201258
13832	9/13/2019 7:48:11		-122.359	37.716	2088459.496	6024073.638		2161.988	RS-700	0.08797622642
13833	9/13/2019 7:48:12		-122.359	37.716	2088458.419	6024074.658		2110.180	RS-700	-0.23785949686
13834	9/13/2019 7:48:13		-122.359	37.716	2088458.271	6024074.771		1992.714	RS-700	-0.97664408805
13835	9/13/2019 7:48:14		-122.359	37.716	2088457.524	6024073.917		2031.422	RS-700	-0.73319792453
13836	9/13/2019 7:48:15		-122.359	37.716	2088459.569	6024073.639		2087.328	RS-700	-0.38158295598
13837	9/13/2019 7:48:16		-122.359	37.716	2088460.240	6024072.814		2043.040	RS-700	-0.66012270440
13838	9/13/2019 7:48:17		-122.359	37.716	2088460.765	6024072.072		2126.868	RS-700	-0.13290289308
13839	9/13/2019 7:48:18		-122.359	37.716	2088462.186	6024070.220		2078.947	RS-700	-0.43429691824
13840	9/13/2019 7:48:19		-122.359	37.716	2088463.757	6024068.139		2110.183	RS-700	-0.23784496855
13841	9/13/2019 7:48:20		-122.359	37.716	2088465.584	6024066.005		2143.682	RS-700	-0.02715654088
13842	9/13/2019 7:48:21		-122.359	37.716	2088467.377	6024063.726		2148.548	RS-700	0.00344748428
13843	9/13/2019 7:48:22		-122.359	37.716	2088469.024	6024061.474		2134.559	RS-700	-0.08453352201
13844	9/13/2019 7:48:23		-122.359	37.716	2088470.853	6024059.253		2148.766	RS-700	0.00481949686
13845	9/13/2019 7:48:24		-122.359	37.716	2088472.683	6024056.946		2139.557	RS-700	-0.05309968553
13846	9/13/2019 7:48:25		-122.359	37.716	2088474.549	6024054.669		2175.669	RS-700	0.17401786164

Gamma Scan Survey Results
Survey Unit 4 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
13847	9/13/2019 7:48:26		-122.359	37.716	2088476.234	6024052.359		2153.106	RS-700	0.03211069182
13848	9/13/2019 7:48:27		-122.359	37.716	2088478.026	6024050.138		2143.763	RS-700	-0.02664641509
13849	9/13/2019 7:48:28		-122.359	37.716	2088479.820	6024047.830		2133.181	RS-700	-0.09320327044
13850	9/13/2019 7:48:29		-122.359	37.716	2088481.576	6024045.608		2134.074	RS-700	-0.08758232704
13851	9/13/2019 7:48:30		-122.359	37.716	2088483.333	6024043.329		2173.669	RS-700	0.16144088050
13852	9/13/2019 7:48:31		-122.359	37.716	2088485.237	6024040.994		2150.552	RS-700	0.01605220126
13853	9/13/2019 7:48:32		-122.359	37.716	2088487.104	6024038.688		2210.343	RS-700	0.39209226415
13854	9/13/2019 7:48:33		-122.359	37.716	2088488.970	6024036.411		2260.920	RS-700	0.71018924528
13855	9/13/2019 7:48:34		-122.359	37.716	2088490.837	6024034.104		2261.703	RS-700	0.71511415094
13856	9/13/2019 7:48:35		-122.359	37.716	2088492.593	6024031.854		2217.233	RS-700	0.43543069182
13857	9/13/2019 7:48:36		-122.359	37.716	2088494.386	6024029.604		2210.565	RS-700	0.39348773585
13858	9/13/2019 7:48:37		-122.359	37.716	2088496.179	6024027.325		2291.394	RS-700	0.90185088050
13859	9/13/2019 7:48:38		-122.359	37.716	2088498.119	6024025.020		2244.919	RS-700	0.60955270440
13860	9/13/2019 7:48:39		-122.359	37.716	2088500.094	6024022.745		2258.251	RS-700	0.69340509434
13861	9/13/2019 7:48:40		-122.359	37.716	2088501.926	6024020.380		2212.898	RS-700	0.40816050315
13862	9/13/2019 7:48:41		-122.359	37.716	2088503.721	6024018.014		2233.247	RS-700	0.53614610063
13863	9/13/2019 7:48:42		-122.359	37.716	2088505.406	6024015.676		2172.107	RS-700	0.15161641509
13864	9/13/2019 7:48:43		-122.359	37.716	2088507.127	6024013.395		2307.826	RS-700	1.00519509434
13865	9/13/2019 7:48:44		-122.359	37.716	2088509.102	6024011.120		2273.699	RS-700	0.79056025157
13866	9/13/2019 7:48:45		-122.359	37.716	2088510.932	6024008.813		2203.568	RS-700	0.34948270440
13867	9/13/2019 7:48:46		-122.359	37.716	2088512.688	6024006.591		2195.683	RS-700	0.29989088050
13868	9/13/2019 7:48:47		-122.359	37.716	2088514.554	6024004.314		2186.108	RS-700	0.23967301887
13869	9/13/2019 7:48:48		-122.359	37.716	2088516.349	6024001.977		2125.306	RS-700	-0.14272679245
13870	9/13/2019 7:48:49		-122.359	37.716	2088518.291	6023999.557		2149.876	RS-700	0.01179842767
13871	9/13/2019 7:48:50		-122.359	37.716	2088520.122	6023997.192		2184.553	RS-700	0.22989295598
13872	9/13/2019 7:48:51		-122.359	37.716	2088521.879	6023994.912		2234.690	RS-700	0.54522163522
13873	9/13/2019 7:48:52		-122.359	37.716	2088523.562	6023992.689		2255.030	RS-700	0.67314528302
13874	9/13/2019 7:48:53		-122.359	37.716	2088525.355	6023990.468		2193.111	RS-700	0.28372006289
13875	9/13/2019 7:48:54		-122.359	37.716	2088527.111	6023988.217		2209.678	RS-700	0.38790880503
13876	9/13/2019 7:48:55		-122.359	37.716	2088528.683	6023986.079		2030.395	RS-700	-0.73965402516
13877	9/13/2019 7:48:56		-122.359	37.716	2088530.508	6023984.032		2014.619	RS-700	-0.83887251572
13878	9/13/2019 7:48:57		-122.359	37.716	2088532.335	6023981.928		2242.028	RS-700	0.59137169811
13879	9/13/2019 7:48:58		-122.359	37.716	2088534.089	6023979.764		2137.551	RS-700	-0.06571654088
13880	9/13/2019 7:48:59		-122.359	37.716	2088535.957	6023977.428		2225.267	RS-700	0.48595886793
13881	9/13/2019 7:49:00		-122.359	37.716	2088537.825	6023975.035		2132.510	RS-700	-0.09742440252
13882	9/13/2019 7:49:01		-122.359	37.716	2088539.765	6023972.730		2133.763	RS-700	-0.08954163522
13883	9/13/2019 7:49:02		-122.359	37.716	2088541.631	6023970.424		2251.037	RS-700	0.64803012579
13884	9/13/2019 7:49:03		-122.359	37.716	2088543.500	6023968.031		2244.138	RS-700	0.60464138365
13885	9/13/2019 7:49:04		-122.359	37.716	2088545.368	6023965.667		2217.672	RS-700	0.43818710692
13886	9/13/2019 7:49:05		-122.359	37.716	2088547.382	6023963.248		2215.794	RS-700	0.42637886793
13887	9/13/2019 7:49:06		-122.359	37.716	2088549.472	6023960.715		2180.561	RS-700	0.20478471698
13888	9/13/2019 7:49:07		-122.359	37.716	2088551.525	6023958.238		2148.770	RS-700	0.00484069182
13889	9/13/2019 7:49:08		-122.359	37.716	2088553.502	6023955.847		2141.200	RS-700	-0.04277044025
13890	9/13/2019 7:49:09		-122.359	37.716	2088555.443	6023953.485		2156.015	RS-700	0.05040754717
13891	9/13/2019 7:49:10		-122.359	37.716	2088557.274	6023951.120		2128.182	RS-700	-0.12463968554
13892	9/13/2019 7:49:11		-122.359	37.716	2088559.069	6023948.783		2123.545	RS-700	-0.15380295598
13893	9/13/2019 7:49:12		-122.359	37.716	2088560.899	6023946.476		2135.872	RS-700	-0.07627490566
13894	9/13/2019 7:49:13		-122.359	37.716	2088562.806	6023943.997		2277.384	RS-700	0.81373308176
13895	9/13/2019 7:49:14		-122.359	37.716	2088564.638	6023941.603		2288.015	RS-700	0.88059968554
13896	9/13/2019 7:49:15		-122.359	37.716	2088566.359	6023939.323		2370.738	RS-700	1.40087000000
13897	9/13/2019 7:49:16		-122.359	37.716	2088568.116	6023937.015		2275.933	RS-700	0.80461037736
13898	9/13/2019 7:49:17		-122.359	37.716	2088569.873	6023934.764		2279.924	RS-700	0.82971264151
13899	9/13/2019 7:49:18		-122.359	37.716	2088571.558	6023932.425		2366.722	RS-700	1.37561182390
13900	9/13/2019 7:49:19		-122.359	37.716	2088573.242	6023930.173		2278.925	RS-700	0.82342496855
13901	9/13/2019 7:49:20		-122.359	37.716	2088574.890	6023927.862		2240.470	RS-700	0.58157119497
13902	9/13/2019 7:49:21		-122.359	37.716	2088576.648	6023925.525		2313.942	RS-700	1.04365905660
13903	9/13/2019 7:49:22		-122.359	37.716	2088578.586	6023923.307		2230.358	RS-700	0.51797289308
13904	9/13/2019 7:49:23		-122.359	37.716	2088580.632	6023921.149		2291.707	RS-700	0.90381968554
13905	9/13/2019 7:49:24		-122.359	37.716	2088582.606	6023918.931		2299.166	RS-700	0.95072830189
13906	9/13/2019 7:49:25		-122.359	37.716	2088584.544	6023916.713		2181.097	RS-700	0.20815672956
13907	9/13/2019 7:49:26		-122.359	37.716	2088586.481	6023914.524		2248.585	RS-700	0.63260905660

Gamma Scan Survey Results
Survey Unit 4 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
13908	9/13/2019 7:49:27		-122.359	37.716	2088588.346	6023912.305		2206.013	RS-700	0.36486421384
13909	9/13/2019 7:49:28		-122.359	37.716	2088590.178	6023909.940		2149.766	RS-700	0.01110905660
13910	9/13/2019 7:49:29		-122.359	37.716	2088591.936	6023907.602		2143.446	RS-700	-0.02863849057
13911	9/13/2019 7:49:30		-122.359	37.716	2088593.802	6023905.354		2158.225	RS-700	0.06430893082
13912	9/13/2019 7:49:31		-122.359	37.716	2088595.597	6023902.988		2084.546	RS-700	-0.39908446541
13913	9/13/2019 7:49:32		-122.359	37.716	2088597.534	6023900.770		2111.071	RS-700	-0.23225874214
13914	9/13/2019 7:49:33		-122.359	37.716	2088599.723	6023898.760		2158.543	RS-700	0.06630798742
13915	9/13/2019 7:49:34		-122.359	37.716	2088601.736	6023896.427		2119.543	RS-700	-0.17897591195
13916	9/13/2019 7:49:35		-122.359	37.716	2088603.461	6023893.945		2180.992	RS-700	0.20749786164
13917	9/13/2019 7:49:36		-122.359	37.716	2088605.221	6023891.492		2104.275	RS-700	-0.27499842767
13918	9/13/2019 7:49:37		-122.359	37.716	2088607.195	6023889.274		2153.448	RS-700	0.03426635220
13919	9/13/2019 7:49:38		-122.359	37.716	2088609.135	6023886.969		2174.886	RS-700	0.16909723270
13920	9/13/2019 7:49:39		-122.359	37.716	2088611.002	6023884.663		2158.451	RS-700	0.06573163522
13921	9/13/2019 7:49:40		-122.359	37.716	2088612.831	6023882.414		2139.334	RS-700	-0.05450100629
13922	9/13/2019 7:49:41		-122.359	37.716	2088614.626	6023880.048		2216.563	RS-700	0.43121276730
13923	9/13/2019 7:49:42		-122.359	37.716	2088616.422	6023877.654		2111.886	RS-700	-0.22713056604
13924	9/13/2019 7:49:43		-122.359	37.716	2088618.327	6023875.233		2094.359	RS-700	-0.33736628931
13925	9/13/2019 7:49:44		-122.359	37.716	2088620.270	6023872.783		2137.442	RS-700	-0.06639962264
13926	9/13/2019 7:49:45		-122.359	37.716	2088622.138	6023870.419		2188.912	RS-700	0.25730981132
13927	9/13/2019 7:49:46		-122.359	37.716	2088624.079	6023868.027		2161.882	RS-700	0.08730811321
13928	9/13/2019 7:49:47		-122.359	37.716	2088625.874	6023865.691		2238.135	RS-700	0.56688383648
13929	9/13/2019 7:49:48		-122.359	37.716	2088627.738	6023863.500		2133.301	RS-700	-0.09244842767
13930	9/13/2019 7:49:49		-122.359	37.716	2088629.604	6023861.223		2108.175	RS-700	-0.25047163522
13931	9/13/2019 7:49:50		-122.359	37.716	2088631.434	6023858.945		2177.234	RS-700	0.18386383648
13932	9/13/2019 7:49:51		-122.359	37.716	2088633.367	6023856.958		2072.845	RS-700	-0.47267515723
13933	9/13/2019 7:49:52		-122.359	37.716	2088635.150	6023855.200		2179.892	RS-700	0.20058169811
13934	9/13/2019 7:49:53		-122.359	37.716	2088636.602	6023853.637		2213.792	RS-700	0.41378893082
13935	9/13/2019 7:49:54		-122.359	37.716	2088637.500	6023852.440		2082.161	RS-700	-0.41408213837
13936	9/13/2019 7:49:55		-122.359	37.716	2088638.098	6023851.642		2114.546	RS-700	-0.21040226415
13937	9/13/2019 7:49:56		-122.359	37.716	2088638.360	6023851.300		2189.674	RS-700	0.26210188679
13938	9/13/2019 7:49:57		-122.359	37.716	2088638.396	6023851.301		2257.373	RS-700	0.68787849057
13939	9/13/2019 7:49:58		-122.359	37.716	2088638.508	6023851.187		2191.097	RS-700	0.27105257862
13940	9/13/2019 7:49:59		-122.359	37.716	2088639.032	6023850.445		2188.441	RS-700	0.25434572327
13941	9/13/2019 7:50:00		-122.359	37.716	2088639.220	6023850.160		2169.776	RS-700	0.13695805031
13942	9/13/2019 7:50:01		-122.359	37.716	2088639.181	6023850.275		2124.182	RS-700	-0.14980100629
13943	9/13/2019 7:50:02		-122.359	37.716	2088639.108	6023850.302		2165.666	RS-700	0.11110754717
13944	9/13/2019 7:50:03		-122.359	37.716	2088639.070	6023850.388		2145.196	RS-700	-0.01763603774
13945	9/13/2019 7:50:04		-122.359	37.716	2088639.296	6023850.017		2199.676	RS-700	0.32500597484
13946	9/13/2019 7:50:05		-122.359	37.716	2088639.295	6023850.075		2191.786	RS-700	0.27538283019
13947	9/13/2019 7:50:06		-122.359	37.716	2088639.559	6023849.617		2112.157	RS-700	-0.22543006289
13948	9/13/2019 7:50:07		-122.359	37.716	2088639.596	6023849.589		1927.398	RS-700	-1.38743402516
13949	9/13/2019 7:50:08		-122.359	37.716	2088639.969	6023849.104		1932.401	RS-700	-1.35597132075
13950	9/13/2019 7:50:09		-122.359	37.716	2088640.231	6023848.762		1872.048	RS-700	-1.73554798742
13951	9/13/2019 7:50:10		-122.359	37.716	2088640.942	6023847.822		1730.447	RS-700	-2.62612169811
13952	9/13/2019 7:50:11		-122.359	37.716	2088641.841	6023846.567		1409.433	RS-700	-4.64507270440
13953	9/13/2019 7:50:12		-122.359	37.716	2088642.703	6023845.340		1492.235	RS-700	-4.12430622642
13954	9/13/2019 7:50:13		-122.359	37.716	2088643.604	6023843.969		1449.295	RS-700	-4.39437289308
13955	9/13/2019 7:50:14		-122.359	37.716	2088645.054	6023842.465		1927.880	RS-700	-1.38440113208
13956	9/13/2019 7:50:15		-122.360	37.716	2088646.625	6023840.384		2167.993	RS-700	0.12574509434
13957	9/13/2019 7:50:16		-122.360	37.716	2088647.985	6023837.952		2114.759	RS-700	-0.20906125786
13958	9/13/2019 7:50:17		-122.360	37.716	2088649.486	6023835.725		2213.681	RS-700	0.41308547170
13959	9/13/2019 7:50:18		-122.360	37.716	2088650.726	6023833.782		2169.348	RS-700	0.13426578616
13960	9/13/2019 7:50:19		-122.360	37.716	2088652.257	6023831.874		2206.567	RS-700	0.36834647799
13961	9/13/2019 7:50:20		-122.360	37.716	2088653.833	6023829.562		2103.641	RS-700	-0.27898779874
13962	9/13/2019 7:50:21		-122.360	37.716	2088655.626	6023827.312		2139.762	RS-700	-0.05181207547
13963	9/13/2019 7:50:22		-122.360	37.716	2088657.454	6023825.121		2074.946	RS-700	-0.45946226415
13964	9/13/2019 7:50:23		-122.360	37.716	2088659.356	6023822.873		2174.775	RS-700	0.16839905660
13965	9/13/2019 7:50:24		-122.360	37.716	2088661.185	6023820.624		2135.192	RS-700	-0.08055647799
13966	9/13/2019 7:50:25		-122.360	37.716	2088662.979	6023818.316		2182.107	RS-700	0.21450666667
13967	9/13/2019 7:50:26		-122.360	37.716	2088664.626	6023816.093		2134.556	RS-700	-0.08455635220
13968	9/13/2019 7:50:27		-122.360	37.716	2088666.343	6023813.986		2155.093	RS-700	0.04461295597

Gamma Scan Survey Results
Survey Unit 4 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
13969	9/13/2019 7:50:28		-122.360	37.716	2088668.060	6023811.879		2080.844	RS-700	-0.42236396226
13970	9/13/2019 7:50:29		-122.360	37.716	2088669.074	6023810.337		2112.064	RS-700	-0.22601314465
13971	9/13/2019 7:50:30		-122.360	37.716	2088670.404	6023809.380		2097.750	RS-700	-0.31603773585
13972	9/13/2019 7:50:31		-122.360	37.716	2088672.411	6023809.188		2150.193	RS-700	0.01379081761
13973	9/13/2019 7:50:32		-122.360	37.716	2088674.110	6023809.830		2228.023	RS-700	0.50328761006
13974	9/13/2019 7:50:33		-122.360	37.716	2088674.750	6023810.594		2211.570	RS-700	0.39981415094
13975	9/13/2019 7:50:34		-122.360	37.716	2088674.821	6023810.683		2222.473	RS-700	0.46838088050
13976	9/13/2019 7:50:35		-122.360	37.716	2088674.729	6023809.842		2202.791	RS-700	0.34460031447
13977	9/13/2019 7:50:36		-122.360	37.716	2088674.795	6023810.190		2120.652	RS-700	-0.17199886793
13978	9/13/2019 7:50:37		-122.360	37.716	2088674.642	6023808.683		2220.791	RS-700	0.45780270440
13979	9/13/2019 7:50:38		-122.360	37.716	2088674.648	6023808.423		2193.109	RS-700	0.28370377359
13980	9/13/2019 7:50:39		-122.360	37.716	2088674.912	6023809.788		2231.908	RS-700	0.52772283019
13981	9/13/2019 7:50:40		-122.360	37.716	2088674.879	6023811.436		2218.910	RS-700	0.44597710692
13982	9/13/2019 7:50:41		-122.360	37.716	2088674.123	6023812.839		2264.804	RS-700	0.73461817610
13983	9/13/2019 7:50:42		-122.360	37.716	2088673.302	6023813.835		2157.656	RS-700	0.06073031447
13984	9/13/2019 7:50:43		-122.360	37.716	2088672.443	6023814.888		2201.332	RS-700	0.33542245283
13985	9/13/2019 7:50:44		-122.360	37.716	2088671.317	6023816.573		2180.241	RS-700	0.20277371069
13986	9/13/2019 7:50:45		-122.360	37.716	2088669.970	6023818.398		2235.903	RS-700	0.55285144654
13987	9/13/2019 7:50:46		-122.360	37.716	2088668.441	6023820.190		2130.333	RS-700	-0.11111484277
13988	9/13/2019 7:50:47		-122.360	37.716	2088666.696	6023821.891		2111.756	RS-700	-0.22795088050
13989	9/13/2019 7:50:48		-122.360	37.716	2088664.948	6023823.679		2156.456	RS-700	0.05318119497
13990	9/13/2019 7:50:49		-122.360	37.716	2088663.198	6023825.640		2109.649	RS-700	-0.24120308176
13991	9/13/2019 7:50:50		-122.360	37.716	2088661.409	6023827.688		2032.725	RS-700	-0.72500232704
13992	9/13/2019 7:50:51		-122.360	37.716	2088659.763	6023829.883		2028.509	RS-700	-0.75151364780
13993	9/13/2019 7:50:52		-122.360	37.716	2088657.405	6023833.047		2089.326	RS-700	-0.36902188679
13994	9/13/2019 7:50:53		-122.360	37.716	2088656.543	6023834.274		2232.796	RS-700	0.53331088050
13995	9/13/2019 7:50:54		-122.360	37.716	2088654.897	6023836.498		2160.775	RS-700	0.08034553459
13996	9/13/2019 7:50:55		-122.360	37.716	2088653.323	6023838.723		2282.030	RS-700	0.84295641509
13997	9/13/2019 7:50:56		-122.360	37.716	2088651.787	6023840.862		2169.433	RS-700	0.13480088050
13998	9/13/2019 7:50:57		-122.359	37.716	2088650.107	6023842.970		2114.651	RS-700	-0.20974169811
13999	9/13/2019 7:50:58		-122.359	37.716	2088648.355	6023844.989		2127.084	RS-700	-0.13154578616
14000	9/13/2019 7:50:59		-122.359	37.716	2088646.711	6023847.068		2213.788	RS-700	0.41376094340
14001	9/13/2019 7:51:00		-122.359	37.716	2088645.103	6023849.177		2287.712	RS-700	0.87869062893
14002	9/13/2019 7:51:01		-122.359	37.716	2088643.497	6023851.200		2262.491	RS-700	0.72006905660
14003	9/13/2019 7:51:02		-122.359	37.716	2088641.887	6023853.395		2178.216	RS-700	0.19003742138
14004	9/13/2019 7:51:03		-122.359	37.716	2088640.170	6023855.531		2186.999	RS-700	0.24527490566
14005	9/13/2019 7:51:04		-122.359	37.716	2088638.491	6023857.552		2091.634	RS-700	-0.35450622642
14006	9/13/2019 7:51:05		-122.359	37.716	2088636.737	6023859.658		2163.528	RS-700	0.09765930818
14007	9/13/2019 7:51:06		-122.359	37.716	2088635.056	6023861.765		2100.855	RS-700	-0.29651106918
14008	9/13/2019 7:51:07		-122.359	37.716	2088633.448	6023863.903		2222.345	RS-700	0.46758132076
14009	9/13/2019 7:51:08		-122.359	37.716	2088631.839	6023866.070		2159.535	RS-700	0.07254666667
14010	9/13/2019 7:51:09		-122.359	37.716	2088630.194	6023868.207		2247.914	RS-700	0.62839283019
14011	9/13/2019 7:51:10		-122.359	37.716	2088628.551	6023870.257		2165.892	RS-700	0.11253037736
14012	9/13/2019 7:51:11		-122.359	37.716	2088626.761	6023872.362		2078.053	RS-700	-0.43991654088
14013	9/13/2019 7:51:12		-122.359	37.716	2088625.152	6023874.529		2037.932	RS-700	-0.69224974843
14014	9/13/2019 7:51:13		-122.359	37.716	2088623.543	6023876.667		2059.421	RS-700	-0.55709893082
14015	9/13/2019 7:51:14		-122.359	37.716	2088621.898	6023878.804		2159.772	RS-700	0.07403918239
14016	9/13/2019 7:51:15		-122.359	37.716	2088620.219	6023880.854		2086.655	RS-700	-0.38581685535
14017	9/13/2019 7:51:16		-122.359	37.716	2088618.500	6023883.018		2245.589	RS-700	0.61376440252
14018	9/13/2019 7:51:17		-122.359	37.716	2088616.745	6023885.211		2207.908	RS-700	0.37678150943
14019	9/13/2019 7:51:18		-122.359	37.716	2088615.099	6023887.406		2201.901	RS-700	0.33899704403
14020	9/13/2019 7:51:19		-122.359	37.716	2088613.416	6023889.629		2199.224	RS-700	0.32216106918
14021	9/13/2019 7:51:20		-122.359	37.716	2088611.662	6023891.764		2155.879	RS-700	0.04955566038
14022	9/13/2019 7:51:21		-122.359	37.716	2088609.909	6023893.841		2163.992	RS-700	0.10058132076
14023	9/13/2019 7:51:22		-122.359	37.716	2088608.190	6023896.035		2168.782	RS-700	0.13070257862
14024	9/13/2019 7:51:23		-122.359	37.716	2088606.438	6023898.054		2105.541	RS-700	-0.26703773585
14025	9/13/2019 7:51:24		-122.359	37.716	2088604.612	6023900.159		2135.871	RS-700	-0.07628119497
14026	9/13/2019 7:51:25		-122.359	37.716	2088602.859	6023902.236		2141.552	RS-700	-0.04055295597
14027	9/13/2019 7:51:26		-122.359	37.716	2088601.068	6023904.399		2133.991	RS-700	-0.08810968553
14028	9/13/2019 7:51:27		-122.359	37.716	2088599.386	6023906.564		2135.967	RS-700	-0.07567823899
14029	9/13/2019 7:51:28		-122.359	37.716	2088597.595	6023908.699		2105.071	RS-700	-0.26999364780

Gamma Scan Survey Results
Survey Unit 4 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
14030	9/13/2019 7:51:29		-122.359	37.716	2088596.019	6023911.040		2133.763	RS-700	-0.08953899371
14031	9/13/2019 7:51:30		-122.359	37.716	2088594.481	6023913.295		2131.651	RS-700	-0.10282559748
14032	9/13/2019 7:51:31		-122.359	37.716	2088592.981	6023915.492		2252.801	RS-700	0.65912861635
14033	9/13/2019 7:51:32		-122.359	37.716	2088591.371	6023917.717		2153.551	RS-700	0.03490893082
14034	9/13/2019 7:51:33		-122.359	37.716	2088589.689	6023919.853		2222.795	RS-700	0.47040767296
14035	9/13/2019 7:51:34		-122.359	37.716	2088588.043	6023922.077		2263.604	RS-700	0.72706710692
14036	9/13/2019 7:51:35		-122.359	37.716	2088586.289	6023924.183		2297.705	RS-700	0.94154270440
14037	9/13/2019 7:51:36		-122.359	37.716	2088584.499	6023926.318		2236.021	RS-700	0.55359220126
14038	9/13/2019 7:51:37		-122.359	37.716	2088582.706	6023928.567		2285.047	RS-700	0.86193207547
14039	9/13/2019 7:51:38		-122.359	37.716	2088580.948	6023930.876		2171.995	RS-700	0.15090893082
14040	9/13/2019 7:51:39		-122.359	37.716	2088579.301	6023933.129		2254.367	RS-700	0.66897264151
14041	9/13/2019 7:51:40		-122.359	37.716	2088577.651	6023935.555		2195.537	RS-700	0.29897289308
14042	9/13/2019 7:51:41		-122.359	37.716	2088575.783	6023937.919		2182.220	RS-700	0.21521817610
14043	9/13/2019 7:51:42		-122.359	37.716	2088573.953	6023940.197		2223.793	RS-700	0.47668459120
14044	9/13/2019 7:51:43		-122.359	37.716	2088572.195	6023942.535		2246.804	RS-700	0.62140773585
14045	9/13/2019 7:51:44		-122.359	37.716	2088570.616	6023944.991		2272.359	RS-700	0.78213503145
14046	9/13/2019 7:51:45		-122.359	37.716	2088568.896	6023947.243		2391.865	RS-700	1.53374056604
14047	9/13/2019 7:51:46		-122.359	37.716	2088567.174	6023949.610		2284.963	RS-700	0.86140496855
14048	9/13/2019 7:51:47		-122.359	37.716	2088565.416	6023951.947		2259.016	RS-700	0.69821182390
14049	9/13/2019 7:51:48		-122.359	37.716	2088563.696	6023954.198		2102.066	RS-700	-0.28889528302
14050	9/13/2019 7:51:49		-122.359	37.716	2088561.941	6023956.391		2190.344	RS-700	0.26631685535
14051	9/13/2019 7:51:50		-122.359	37.716	2088559.436	6023959.640		2205.012	RS-700	0.35856748428
14052	9/13/2019 7:51:51		-122.359	37.716	2088558.610	6023960.896		2205.902	RS-700	0.36416358491
14053	9/13/2019 7:51:52		-122.359	37.716	2088556.887	6023963.292		2172.546	RS-700	0.15437597484
14054	9/13/2019 7:51:53		-122.359	37.716	2088555.131	6023965.543		2247.578	RS-700	0.62627723270
14055	9/13/2019 7:51:54		-122.359	37.716	2088553.373	6023967.851		2229.470	RS-700	0.51239245283
14056	9/13/2019 7:51:55		-122.359	37.716	2088551.616	6023970.131		2130.543	RS-700	-0.10979119497
14057	9/13/2019 7:51:56		-122.359	37.716	2088549.933	6023972.354		2182.104	RS-700	0.21448742138
14058	9/13/2019 7:51:57		-122.359	37.716	2088548.140	6023974.604		2168.670	RS-700	0.13000088050
14059	9/13/2019 7:51:58		-122.359	37.716	2088546.346	6023976.940		2261.936	RS-700	0.71658088050
14060	9/13/2019 7:51:59		-122.359	37.716	2088544.515	6023979.276		2235.021	RS-700	0.54730182390
14061	9/13/2019 7:52:00		-122.359	37.716	2088542.652	6023981.380		2127.607	RS-700	-0.12825534591
14062	9/13/2019 7:52:01		-122.359	37.716	2088540.752	6023983.512		2186.891	RS-700	0.24459591195
14063	9/13/2019 7:52:02		-122.359	37.716	2088538.851	6023985.702		2248.607	RS-700	0.63275069182
14064	9/13/2019 7:52:03		-122.359	37.716	2088537.240	6023987.985		2151.097	RS-700	0.01947641509
14065	9/13/2019 7:52:04		-122.359	37.716	2088535.522	6023990.149		2177.563	RS-700	0.18593270440
14066	9/13/2019 7:52:05		-122.359	37.716	2088533.657	6023992.369		2220.906	RS-700	0.45852635220
14067	9/13/2019 7:52:06		-122.359	37.716	2088531.900	6023994.620		2297.823	RS-700	0.94228522013
14068	9/13/2019 7:52:07		-122.359	37.716	2088530.107	6023996.898		2159.777	RS-700	0.07406723270
14069	9/13/2019 7:52:08		-122.359	37.716	2088528.279	6023999.061		2189.657	RS-700	0.26199238994
14070	9/13/2019 7:52:09		-122.359	37.716	2088526.453	6024001.194		2126.654	RS-700	-0.13425465409
14071	9/13/2019 7:52:10		-122.359	37.716	2088524.664	6024003.242		2132.870	RS-700	-0.09515842767
14072	9/13/2019 7:52:11		-122.359	37.716	2088523.017	6024005.466		2231.798	RS-700	0.52702993711
14073	9/13/2019 7:52:12		-122.359	37.716	2088521.223	6024007.773		2254.147	RS-700	0.66759295598
14074	9/13/2019 7:52:13		-122.359	37.716	2088519.359	6024009.935		2206.009	RS-700	0.36483383648
14075	9/13/2019 7:52:14		-122.359	37.716	2088517.566	6024012.214		2259.692	RS-700	0.70246440252
14076	9/13/2019 7:52:15		-122.359	37.716	2088515.808	6024014.551		2242.137	RS-700	0.59205893082
14077	9/13/2019 7:52:16		-122.359	37.716	2088514.087	6024016.861		2202.897	RS-700	0.34526566038
14078	9/13/2019 7:52:17		-122.359	37.716	2088512.259	6024019.052		2146.089	RS-700	-0.01202062893
14079	9/13/2019 7:52:18		-122.359	37.716	2088510.468	6024021.186		2238.025	RS-700	0.56619257862
14080	9/13/2019 7:52:19		-122.359	37.716	2088508.639	6024023.406		2203.573	RS-700	0.34951672956
14081	9/13/2019 7:52:20		-122.359	37.716	2088506.668	6024025.479		2379.100	RS-700	1.45345716981
14082	9/13/2019 7:52:21		-122.359	37.716	2088504.876	6024027.671		2169.336	RS-700	0.13418622642
14083	9/13/2019 7:52:22		-122.359	37.716	2088503.192	6024029.952		2240.041	RS-700	0.57887440252
14084	9/13/2019 7:52:23		-122.359	37.716	2088501.473	6024032.175		2277.048	RS-700	0.81162000000
14085	9/13/2019 7:52:24		-122.359	37.716	2088499.792	6024034.282		2240.212	RS-700	0.57995056604
14086	9/13/2019 7:52:25		-122.359	37.716	2088498.037	6024036.446		2232.574	RS-700	0.53191056604
14087	9/13/2019 7:52:26		-122.359	37.716	2088496.280	6024038.726		2160.882	RS-700	0.08102075472
14088	9/13/2019 7:52:27		-122.359	37.716	2088494.525	6024040.919		2141.450	RS-700	-0.04119402516
14089	9/13/2019 7:52:28		-122.359	37.716	2088492.698	6024043.052		2224.011	RS-700	0.47805515723
14090	9/13/2019 7:52:29		-122.359	37.716	2088490.908	6024045.186		2125.220	RS-700	-0.14327169811

Gamma Scan Survey Results
Survey Unit 4 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
14091	9/13/2019 7:52:30		-122.359	37.716	2088489.042	6024047.435		2157.768	RS-700	0.06143698113
14092	9/13/2019 7:52:31		-122.359	37.716	2088487.212	6024049.742		2141.665	RS-700	-0.03984333333
14093	9/13/2019 7:52:32		-122.359	37.716	2088485.457	6024051.906		2173.194	RS-700	0.15845113208
14094	9/13/2019 7:52:33		-122.359	37.716	2088483.703	6024054.041		2135.553	RS-700	-0.07828446541
14095	9/13/2019 7:52:34		-122.359	37.716	2088481.802	6024056.231		2139.432	RS-700	-0.05388798742
14096	9/13/2019 7:52:35		-122.359	37.716	2088479.864	6024058.449		2038.831	RS-700	-0.68659924528
14097	9/13/2019 7:52:36		-122.359	37.716	2088477.853	6024060.694		2009.412	RS-700	-0.87162119497
14098	9/13/2019 7:52:37		-122.359	37.716	2088475.846	6024062.737		2095.843	RS-700	-0.32803125786
14099	9/13/2019 7:52:38		-122.359	37.716	2088473.874	6024064.839		2106.543	RS-700	-0.26073440252
14100	9/13/2019 7:52:39		-122.359	37.716	2088471.831	6024066.853		2027.726	RS-700	-0.75644075472
14101	9/13/2019 7:52:40		-122.359	37.716	2088469.969	6024068.899		2083.217	RS-700	-0.40744000000
14102	9/13/2019 7:52:41		-122.359	37.716	2088468.593	6024070.347		2073.870	RS-700	-0.46622635220
14103	9/13/2019 7:52:42		-122.359	37.716	2088467.292	6024071.652		2089.332	RS-700	-0.36898270440
14104	9/13/2019 7:52:43		-122.359	37.716	2088466.127	6024073.480		2078.427	RS-700	-0.43756691824
14105	9/13/2019 7:52:44		-122.359	37.716	2088465.897	6024075.906		2061.837	RS-700	-0.54190735849
14106	9/13/2019 7:52:45		-122.359	37.716	2088466.873	6024078.124		2033.625	RS-700	-0.71933798742
14107	9/13/2019 7:52:46		-122.359	37.716	2088468.443	6024079.746		1983.006	RS-700	-1.03769880503
14108	9/13/2019 7:52:47		-122.359	37.716	2088470.142	6024080.359		1969.802	RS-700	-1.12074320755
14109	9/13/2019 7:52:48		-122.359	37.716	2088471.126	6024080.349		2032.725	RS-700	-0.72500031447
14110	9/13/2019 7:52:49		-122.359	37.716	2088470.319	6024080.623		1966.420	RS-700	-1.14201213836
14111	9/13/2019 7:52:50		-122.359	37.716	2088468.627	6024081.486		2080.329	RS-700	-0.42560238994
14112	9/13/2019 7:52:51		-122.359	37.716	2088467.411	6024082.185		1988.910	RS-700	-1.00056622642
14113	9/13/2019 7:52:52		-122.359	37.716	2088467.116	6024082.382		2022.617	RS-700	-0.78857182390
14114	9/13/2019 7:52:53		-122.359	37.716	2088467.153	6024082.353		2052.513	RS-700	-0.60054830189
14115	9/13/2019 7:52:54		-122.359	37.716	2088465.057	6024081.502		2093.643	RS-700	-0.34186528302
14116	9/13/2019 7:52:55		-122.359	37.716	2088465.721	6024081.110		2040.833	RS-700	-0.67400358491
14117	9/13/2019 7:52:56		-122.359	37.716	2088469.219	6024081.006		2029.118	RS-700	-0.74768415094
14118	9/13/2019 7:52:57		-122.359	37.716	2088470.698	6024079.907		2096.072	RS-700	-0.32658968554
14119	9/13/2019 7:52:58		-122.359	37.716	2088472.111	6024078.431		2077.953	RS-700	-0.44055031447
14120	9/13/2019 7:52:59		-122.359	37.716	2088473.349	6024076.604		2060.927	RS-700	-0.54762691824
14121	9/13/2019 7:53:00		-122.359	37.716	2088474.482	6024074.572		2017.822	RS-700	-0.81873188679
14122	9/13/2019 7:53:01		-122.359	37.716	2088475.397	6024072.478		1980.296	RS-700	-1.05474490566
14123	9/13/2019 7:53:02		-122.359	37.716	2088475.583	6024070.486		2050.734	RS-700	-0.61173553459
14124	9/13/2019 7:53:03		-122.359	37.716	2088475.290	6024068.715		2019.114	RS-700	-0.81060075472
14125	9/13/2019 7:53:04		-122.359	37.716	2088475.073	6024066.830		2125.654	RS-700	-0.14053937107
14126	9/13/2019 7:53:05		-122.359	37.716	2088475.075	6024064.892		2089.166	RS-700	-0.37002213837
14127	9/13/2019 7:53:06		-122.359	37.716	2088475.250	6024063.391		2050.327	RS-700	-0.61429534591
14128	9/13/2019 7:53:07		-122.359	37.716	2088475.483	6024062.672		2062.946	RS-700	-0.53493358491
14129	9/13/2019 7:53:08		-122.359	37.716	2088475.934	6024061.958		2091.538	RS-700	-0.35510515723
14130	9/13/2019 7:53:09		-122.359	37.716	2088476.897	6024061.138		2106.533	RS-700	-0.26079855346
14131	9/13/2019 7:53:10		-122.359	37.716	2088477.746	6024060.605		2110.759	RS-700	-0.23421798742
14132	9/13/2019 7:53:11		-122.359	37.716	2088478.953	6024060.311		2133.765	RS-700	-0.08953075472
14133	9/13/2019 7:53:12		-122.359	37.716	2088480.164	6024059.872		2073.931	RS-700	-0.46584534591
14134	9/13/2019 7:53:13		-122.359	37.716	2088481.091	6024059.023		2128.864	RS-700	-0.12035194969
14135	9/13/2019 7:53:14		-122.359	37.716	2088482.026	6024057.797		2090.735	RS-700	-0.36015704403
14136	9/13/2019 7:53:15		-122.359	37.716	2088482.928	6024056.398		2178.559	RS-700	0.19219396226
14137	9/13/2019 7:53:16		-122.359	37.716	2088484.152	6024055.265		2127.973	RS-700	-0.12595402516
14138	9/13/2019 7:53:17		-122.359	37.716	2088485.776	6024054.198		2122.754	RS-700	-0.15877773585
14139	9/13/2019 7:53:18		-122.359	37.716	2088487.540	6024053.394		2237.916	RS-700	0.56550943396
14140	9/13/2019 7:53:19		-122.359	37.716	2088489.129	6024052.239		2156.555	RS-700	0.05380465409
14141	9/13/2019 7:53:20		-122.359	37.716	2088490.688	6024050.766		2116.282	RS-700	-0.19948213837
14142	9/13/2019 7:53:21		-122.359	37.716	2088492.277	6024049.582		2144.659	RS-700	-0.02101044025
14143	9/13/2019 7:53:22		-122.359	37.716	2088493.324	6024048.214		2164.983	RS-700	0.10681433962
14144	9/13/2019 7:53:23		-122.359	37.716	2088493.831	6024046.517		2177.670	RS-700	0.18660245283
14145	9/13/2019 7:53:24		-122.359	37.716	2088494.253	6024045.455		2118.545	RS-700	-0.18525106918
14146	9/13/2019 7:53:25		-122.359	37.716	2088493.801	6024046.198		2206.684	RS-700	0.36907981132
14147	9/13/2019 7:53:26		-122.359	37.716	2088493.047	6024047.514		2225.795	RS-700	0.48927660377
14148	9/13/2019 7:53:27		-122.359	37.716	2088492.932	6024047.801		2174.002	RS-700	0.16353257862
14149	9/13/2019 7:53:28		-122.359	37.716	2088493.126	6024047.169		2128.175	RS-700	-0.12468509434
14150	9/13/2019 7:53:29		-122.359	37.716	2088493.658	6024046.080		2167.448	RS-700	0.12231610063
14151	9/13/2019 7:53:30		-122.359	37.716	2088494.729	6024045.320		2177.780	RS-700	0.18729528302

Gamma Scan Survey Results
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SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
14152	9/13/2019 7:53:31		-122.359	37.716	2088495.867	6024044.880		2225.016	RS-700	0.48437830189
14153	9/13/2019 7:53:32		-122.359	37.716	2088496.937	6024044.149		2067.946	RS-700	-0.50348144654
14154	9/13/2019 7:53:33		-122.359	37.716	2088497.869	6024043.097		2149.986	RS-700	0.01248792453
14155	9/13/2019 7:53:34		-122.359	37.716	2088499.022	6024041.876		2115.388	RS-700	-0.20510515723
14156	9/13/2019 7:53:35		-122.359	37.716	2088500.432	6024040.573		2153.451	RS-700	0.03428459120
14157	9/13/2019 7:53:36		-122.359	37.716	2088501.987	6024039.273		2179.128	RS-700	0.19577396226
14158	9/13/2019 7:53:37		-122.359	37.716	2088503.473	6024037.827		2199.116	RS-700	0.32148522013
14159	9/13/2019 7:53:38		-122.359	37.716	2088504.033	6024037.144		2126.654	RS-700	-0.13425106918
14160	9/13/2019 7:53:39		-122.359	37.716	2088503.884	6024037.286		2199.115	RS-700	0.32148106918
14161	9/13/2019 7:53:40		-122.359	37.716	2088504.073	6024036.942		2188.136	RS-700	0.25242534591
14162	9/13/2019 7:53:41		-122.359	37.716	2088504.334	6024036.629		2193.678	RS-700	0.28728226415
14163	9/13/2019 7:53:42		-122.359	37.716	2088504.864	6024035.627		2160.342	RS-700	0.07762207547
14164	9/13/2019 7:53:43		-122.359	37.716	2088505.769	6024034.083		2193.216	RS-700	0.28437981132
14165	9/13/2019 7:53:44		-122.359	37.716	2088506.899	6024032.196		2186.783	RS-700	0.24392056604
14166	9/13/2019 7:53:45		-122.359	37.716	2088508.178	6024030.109		2171.650	RS-700	0.14874358491
14167	9/13/2019 7:53:46		-122.359	37.716	2088509.748	6024028.115		2188.002	RS-700	0.25158264151
14168	9/13/2019 7:53:47		-122.359	37.716	2088511.054	6024026.521		2145.444	RS-700	-0.01607364780
14169	9/13/2019 7:53:48		-122.359	37.716	2088511.457	6024024.562		2216.696	RS-700	0.43205025157
14170	9/13/2019 7:53:49		-122.359	37.716	2088511.313	6024022.650		2220.779	RS-700	0.45773006289
14171	9/13/2019 7:53:50		-122.359	37.716	2088511.750	6024020.836		2182.763	RS-700	0.21863748428
14172	9/13/2019 7:53:51		-122.359	37.716	2088512.727	6024019.293		2183.444	RS-700	0.22291805031
14173	9/13/2019 7:53:52		-122.359	37.716	2088514.318	6024018.051		2189.232	RS-700	0.25932352201
14174	9/13/2019 7:53:53		-122.359	37.716	2088516.230	6024017.106		2166.098	RS-700	0.11382578616
14175	9/13/2019 7:53:54		-122.359	37.716	2088518.072	6024016.072		2234.573	RS-700	0.54448522013
14176	9/13/2019 7:53:55		-122.359	37.716	2088519.879	6024014.922		2123.871	RS-700	-0.15175245283
14177	9/13/2019 7:53:56		-122.359	37.716	2088521.765	6024013.512		2180.782	RS-700	0.20617597484
14178	9/13/2019 7:53:57		-122.359	37.716	2088523.692	6024011.844		2285.253	RS-700	0.86322704403
14179	9/13/2019 7:53:58		-122.359	37.716	2088524.518	6024010.558		2239.024	RS-700	0.57247918239
14180	9/13/2019 7:53:59		-122.359	37.716	2088525.234	6024009.358		2121.073	RS-700	-0.16935465409
14181	9/13/2019 7:54:00		-122.359	37.716	2088525.810	6024007.865		2089.432	RS-700	-0.36835088050
14182	9/13/2019 7:54:01		-122.359	37.716	2088527.116	6024006.270		2103.862	RS-700	-0.27759723270
14183	9/13/2019 7:54:02		-122.359	37.716	2088528.606	6024004.622		2185.652	RS-700	0.23680270440
14184	9/13/2019 7:54:03		-122.359	37.716	2088529.843	6024002.853		2164.988	RS-700	0.10684528302
14185	9/13/2019 7:54:04		-122.359	37.716	2088531.149	6024001.259		2150.754	RS-700	0.01732075472
14186	9/13/2019 7:54:05		-122.359	37.716	2088532.564	6023999.725		2177.666	RS-700	0.18657823899
14187	9/13/2019 7:54:06		-122.359	37.716	2088533.876	6023997.812		2155.554	RS-700	0.04751037736
14188	9/13/2019 7:54:07		-122.359	37.716	2088535.151	6023995.986		2146.301	RS-700	-0.01068792453
14189	9/13/2019 7:54:08		-122.359	37.716	2088536.609	6023994.077		2218.442	RS-700	0.44302905660
14190	9/13/2019 7:54:09		-122.359	37.716	2088538.142	6023992.082		2314.059	RS-700	1.04439886792
14191	9/13/2019 7:54:10		-122.359	37.716	2088539.563	6023990.230		2170.536	RS-700	0.14173849057
14192	9/13/2019 7:54:11		-122.359	37.716	2088540.948	6023988.319		2187.447	RS-700	0.24809735849
14193	9/13/2019 7:54:12		-122.359	37.716	2088542.261	6023986.378		2220.902	RS-700	0.45850188679
14194	9/13/2019 7:54:13		-122.359	37.716	2088543.503	6023984.348		2152.772	RS-700	0.03001201258
14195	9/13/2019 7:54:14		-122.359	37.716	2088544.817	6023982.407		2279.929	RS-700	0.82974176101
14196	9/13/2019 7:54:15		-122.359	37.716	2088546.127	6023980.610		2216.471	RS-700	0.43063716981
14197	9/13/2019 7:54:16		-122.359	37.716	2088547.364	6023978.841		2188.900	RS-700	0.25723257862
14198	9/13/2019 7:54:17		-122.359	37.716	2088548.525	6023977.244		2181.556	RS-700	0.21104238994
14199	9/13/2019 7:54:18		-122.359	37.716	2088549.032	6023975.547		2144.882	RS-700	-0.01960767296
14200	9/13/2019 7:54:19		-122.359	37.716	2088549.718	6023974.028		2156.334	RS-700	0.05241371069
14201	9/13/2019 7:54:20		-122.359	37.716	2088550.692	6023972.629		2157.990	RS-700	0.06282962264
14202	9/13/2019 7:54:21		-122.359	37.716	2088551.744	6023971.030		2142.199	RS-700	-0.03648383648
14203	9/13/2019 7:54:22		-122.359	37.716	2088552.866	6023969.548		2105.754	RS-700	-0.26569540881
14204	9/13/2019 7:54:23		-122.359	37.716	2088554.555	6023968.858		2185.890	RS-700	0.23830452830
14205	9/13/2019 7:54:24		-122.359	37.716	2088556.426	6023968.172		2186.007	RS-700	0.23903893082
14206	9/13/2019 7:54:25		-122.359	37.716	2088558.377	6023967.141		2138.665	RS-700	-0.05871377358
14207	9/13/2019 7:54:26		-122.359	37.716	2088560.113	6023965.902		2118.552	RS-700	-0.18520654088
14208	9/13/2019 7:54:27		-122.359	37.716	2088561.636	6023964.370		2033.518	RS-700	-0.72000955975
14209	9/13/2019 7:54:28		-122.359	37.716	2088562.798	6023962.744		2100.854	RS-700	-0.29651295598
14210	9/13/2019 7:54:29		-122.359	37.716	2088563.780	6023960.970		2018.616	RS-700	-0.81373484277
14211	9/13/2019 7:54:30		-122.359	37.716	2088564.654	6023959.136		2028.929	RS-700	-0.74887534591
14212	9/13/2019 7:54:31		-122.359	37.716	2088565.092	6023957.235		2136.873	RS-700	-0.06997949686

Gamma Scan Survey Results
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SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
14213	9/13/2019 7:54:32		-122.359	37.716	2088564.944	6023955.525		2238.593	RS-700	0.56976930818
14214	9/13/2019 7:54:33		-122.359	37.716	2088565.154	6023954.112		2301.075	RS-700	0.96273742138
14215	9/13/2019 7:54:34		-122.359	37.716	2088565.870	6023952.940		2248.692	RS-700	0.63328534591
14216	9/13/2019 7:54:35		-122.359	37.716	2088567.057	6023951.835		2219.461	RS-700	0.44944270440
14217	9/13/2019 7:54:36		-122.359	37.716	2088568.823	6023950.944		2188.674	RS-700	0.25580911950
14218	9/13/2019 7:54:37		-122.359	37.716	2088570.700	6023949.940		2241.021	RS-700	0.58503547170
14219	9/13/2019 7:54:38		-122.359	37.716	2088572.647	6023949.111		2211.015	RS-700	0.39632220126
14220	9/13/2019 7:54:39		-122.359	37.716	2088574.262	6023948.449		2226.907	RS-700	0.49626767296
14221	9/13/2019 7:54:40		-122.359	37.716	2088575.451	6023947.257		2221.000	RS-700	0.45911748428
14222	9/13/2019 7:54:41		-122.359	37.716	2088576.573	6023945.775		2167.778	RS-700	0.12439194969
14223	9/13/2019 7:54:42		-122.359	37.716	2088577.808	6023944.122		2147.228	RS-700	-0.00485283019
14224	9/13/2019 7:54:43		-122.359	37.716	2088579.119	6023942.296		2240.141	RS-700	0.57950371069
14225	9/13/2019 7:54:44		-122.359	37.716	2088580.211	6023940.495		2210.351	RS-700	0.39214679245
14226	9/13/2019 7:54:45		-122.359	37.716	2088581.443	6023938.986		2216.234	RS-700	0.42914679245
14227	9/13/2019 7:54:46		-122.359	37.716	2088582.567	6023937.417		2261.581	RS-700	0.71434798742
14228	9/13/2019 7:54:47		-122.359	37.716	2088583.727	6023935.849		2285.159	RS-700	0.86263402516
14229	9/13/2019 7:54:48		-122.359	37.716	2088584.886	6023934.310		2281.947	RS-700	0.84243540881
14230	9/13/2019 7:54:49		-122.359	37.716	2088585.968	6023933.001		2191.328	RS-700	0.27250327044
14231	9/13/2019 7:54:50		-122.359	37.716	2088586.509	6023931.449		2241.798	RS-700	0.58992735849
14232	9/13/2019 7:54:51		-122.359	37.716	2088586.285	6023929.883		2312.268	RS-700	1.03313226415
14233	9/13/2019 7:54:52		-122.359	37.716	2088585.658	6023928.452		2281.961	RS-700	0.84251930818
14234	9/13/2019 7:54:53		-122.359	37.716	2088585.433	6023926.973		2264.813	RS-700	0.73467421384
14235	9/13/2019 7:54:54		-122.359	37.716	2088585.829	6023925.331		2269.152	RS-700	0.76196301887
14236	9/13/2019 7:54:55		-122.359	37.716	2088586.953	6023923.791		2307.177	RS-700	1.00111371069
14237	9/13/2019 7:54:56		-122.359	37.716	2088588.438	6023922.345		2198.014	RS-700	0.31455496855
14238	9/13/2019 7:54:57		-122.359	37.716	2088590.605	6023921.405		2210.792	RS-700	0.39491616352
14239	9/13/2019 7:54:58		-122.359	37.716	2088592.987	6023920.700		2103.966	RS-700	-0.27694044025
14240	9/13/2019 7:54:59		-122.359	37.716	2088595.088	6023919.440		2128.654	RS-700	-0.12167364780
14241	9/13/2019 7:55:00		-122.359	37.716	2088596.612	6023917.879		2178.780	RS-700	0.19358377359
14242	9/13/2019 7:55:01		-122.359	37.716	2088598.316	6023916.437		2084.056	RS-700	-0.40216213837
14243	9/13/2019 7:55:02		-122.359	37.716	2088600.165	6023914.999		2055.264	RS-700	-0.58324301887
14244	9/13/2019 7:55:03		-122.359	37.716	2088601.219	6023913.313		2149.876	RS-700	0.01179861635
14245	9/13/2019 7:55:04		-122.359	37.716	2088601.329	6023911.434		2067.937	RS-700	-0.50354031447
14246	9/13/2019 7:55:05		-122.359	37.716	2088600.925	6023909.777		2098.854	RS-700	-0.30909364780
14247	9/13/2019 7:55:06		-122.359	37.716	2088600.953	6023908.331		2198.233	RS-700	0.31592811321
14248	9/13/2019 7:55:07		-122.359	37.716	2088601.499	6023906.520		2163.787	RS-700	0.09929094340
14249	9/13/2019 7:55:08		-122.359	37.716	2088601.737	6023905.541		2231.910	RS-700	0.52773805031
14250	9/13/2019 7:55:09		-122.359	37.716	2088601.891	6023905.139		2149.880	RS-700	0.01182566038
14251	9/13/2019 7:55:10		-122.359	37.716	2088601.981	6023904.244		2176.103	RS-700	0.17674798742
14252	9/13/2019 7:55:11		-122.359	37.716	2088601.995	6023903.549		2185.783	RS-700	0.23763050315
14253	9/13/2019 7:55:12		-122.359	37.716	2088601.993	6023903.636		2150.876	RS-700	0.01809037736
14254	9/13/2019 7:55:13		-122.359	37.716	2088602.029	6023903.666		2164.883	RS-700	0.10618245283
14255	9/13/2019 7:55:14		-122.359	37.716	2088601.993	6023903.636		2183.217	RS-700	0.22148823899
14256	9/13/2019 7:55:15		-122.359	37.716	2088602.029	6023903.666		2110.650	RS-700	-0.23490861635
14257	9/13/2019 7:55:16		-122.359	37.716	2088602.029	6023903.666		2132.975	RS-700	-0.09449446541
14258	9/13/2019 7:55:17		-122.359	37.716	2088601.994	6023903.607		2133.977	RS-700	-0.08819415094
14259	9/13/2019 7:55:18		-122.359	37.716	2088601.993	6023903.636		2146.311	RS-700	-0.01062364780
14260	9/13/2019 7:55:19		-122.359	37.716	2088602.032	6023903.550		2170.994	RS-700	0.14461446541
14261	9/13/2019 7:55:20		-122.359	37.716	2088602.036	6023903.348		2079.956	RS-700	-0.42795188679
14262	9/13/2019 7:55:21		-122.359	37.716	2088601.912	6023902.246		2153.093	RS-700	0.03203320755
14263	9/13/2019 7:55:22		-122.359	37.716	2088602.120	6023900.919		2175.099	RS-700	0.17043276730
14264	9/13/2019 7:55:23		-122.359	37.716	2088602.009	6023901.004		2115.085	RS-700	-0.20700974843
14265	9/13/2019 7:55:24		-122.359	37.716	2088601.228	6023901.856		2206.793	RS-700	0.36976540881
14266	9/13/2019 7:55:25		-122.359	37.716	2088600.966	6023902.198		2137.333	RS-700	-0.06708893082
14267	9/13/2019 7:55:26		-122.359	37.716	2088601.340	6023901.714		2141.550	RS-700	-0.04056698113
14268	9/13/2019 7:55:27		-122.359	37.716	2088602.048	6023900.889		2133.648	RS-700	-0.09026333333
14269	9/13/2019 7:55:28		-122.359	37.716	2088603.338	6023900.133		2092.639	RS-700	-0.34818213837
14270	9/13/2019 7:55:29		-122.359	37.716	2088605.164	6023899.851		2110.646	RS-700	-0.23492905660
14271	9/13/2019 7:55:30		-122.359	37.716	2088606.959	6023899.337		2105.330	RS-700	-0.26836654088
14272	9/13/2019 7:55:31		-122.359	37.716	2088608.657	6023898.185		2117.857	RS-700	-0.18958176101
14273	9/13/2019 7:55:32		-122.359	37.716	2088610.075	6023896.477		2124.869	RS-700	-0.14547792453

Gamma Scan Survey Results
Survey Unit 4 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
14274	9/13/2019 7:55:33		-122.359	37.716	2088611.385	6023894.681		2182.671	RS-700	0.21805742138
14275	9/13/2019 7:55:34		-122.359	37.716	2088613.266	6023893.503		2045.425	RS-700	-0.64512754717
14276	9/13/2019 7:55:35		-122.359	37.716	2088615.063	6023892.902		2007.019	RS-700	-0.88667408805
14277	9/13/2019 7:55:36		-122.359	37.716	2088615.621	6023892.306		2043.956	RS-700	-0.65436761006
14278	9/13/2019 7:55:37		-122.359	37.716	2088616.920	6023891.059		2158.664	RS-700	0.06706798742
14279	9/13/2019 7:55:38		-122.359	37.716	2088617.806	6023890.469		2130.968	RS-700	-0.10712132076
14280	9/13/2019 7:55:39		-122.359	37.716	2088617.621	6023890.639		2159.665	RS-700	0.07336383648
14281	9/13/2019 7:55:40		-122.359	37.716	2088617.543	6023890.869		2165.992	RS-700	0.11315496855
14282	9/13/2019 7:55:41		-122.359	37.716	2088617.653	6023890.842		2158.674	RS-700	0.06713333333
14283	9/13/2019 7:55:42		-122.359	37.716	2088617.389	6023891.299		2170.101	RS-700	0.13900050315
14284	9/13/2019 7:55:43		-122.359	37.716	2088618.280	6023890.449		2163.550	RS-700	0.09780044025
14285	9/13/2019 7:55:44		-122.359	37.716	2088619.435	6023889.141		2240.797	RS-700	0.58363138365
14286	9/13/2019 7:55:45		-122.359	37.716	2088620.162	6023887.362		2162.551	RS-700	0.09151566038
14287	9/13/2019 7:55:46		-122.359	37.716	2088620.707	6023885.608		2056.839	RS-700	-0.57334012579
14288	9/13/2019 7:55:47		-122.359	37.716	2088621.687	6023883.950		2151.562	RS-700	0.02240301887
14289	9/13/2019 7:55:48		-122.359	37.716	2088622.845	6023882.497		2075.442	RS-700	-0.45633930818
14290	9/13/2019 7:55:49		-122.359	37.716	2088623.279	6023880.770		2032.728	RS-700	-0.72497993711
14291	9/13/2019 7:55:50		-122.359	37.716	2088623.903	6023878.728		2123.551	RS-700	-0.15376509434
14292	9/13/2019 7:55:51		-122.359	37.716	2088625.139	6023876.988		2001.694	RS-700	-0.92016088050
14293	9/13/2019 7:55:52		-122.359	37.716	2088626.774	6023875.343		2067.532	RS-700	-0.50608817610
14294	9/13/2019 7:55:53		-122.359	37.716	2088628.301	6023873.637		2126.657	RS-700	-0.13423371069
14295	9/13/2019 7:55:54		-122.359	37.716	2088629.900	6023872.020		2251.930	RS-700	0.65364943396
14296	9/13/2019 7:55:55		-122.359	37.716	2088631.314	6023870.457		2269.268	RS-700	0.76269100629
14297	9/13/2019 7:55:56		-122.359	37.716	2088632.256	6023868.913		2232.243	RS-700	0.52983056604
14298	9/13/2019 7:55:57		-122.359	37.716	2088632.940	6023867.451		2090.853	RS-700	-0.35941761006
14299	9/13/2019 7:55:58		-122.359	37.716	2088633.908	6023866.400		2086.273	RS-700	-0.38821786164
14300	9/13/2019 7:55:59		-122.359	37.716	2088635.341	6023865.763		2138.990	RS-700	-0.05666452830
14301	9/13/2019 7:56:00		-122.359	37.716	2088636.880	6023865.302		2084.684	RS-700	-0.39821471698
14302	9/13/2019 7:56:01		-122.359	37.716	2088638.133	6023864.546		2152.094	RS-700	0.02574723270
14303	9/13/2019 7:56:02		-122.359	37.716	2088638.951	6023863.723		2147.771	RS-700	-0.00143962264
14304	9/13/2019 7:56:03		-122.359	37.716	2088639.293	6023863.007		2159.550	RS-700	0.07263962264
14305	9/13/2019 7:56:04		-122.359	37.716	2088638.979	6023864.129		2206.011	RS-700	0.36485012579
14306	9/13/2019 7:56:05		-122.359	37.716	2088638.593	6023865.249		2183.899	RS-700	0.22578125786
14307	9/13/2019 7:56:06		-122.359	37.716	2088638.591	6023865.307		2123.973	RS-700	-0.15111484277
14308	9/13/2019 7:56:07		-122.359	37.716	2088638.895	6023864.677		2177.996	RS-700	0.18865647799
14309	9/13/2019 7:56:08		-122.359	37.716	2088639.435	6023863.154		2136.875	RS-700	-0.06997144654
14310	9/13/2019 7:56:09		-122.359	37.716	2088639.325	6023861.387		2240.346	RS-700	0.58079509434
14311	9/13/2019 7:56:10		-122.359	37.716	2088639.309	6023860.345		2166.201	RS-700	0.11447201258
14312	9/13/2019 7:56:11		-122.359	37.716	2088639.320	6023859.796		2149.523	RS-700	0.00957981132
14313	9/13/2019 7:56:12		-122.359	37.716	2088639.380	6023858.611		2190.570	RS-700	0.26773647799
14314	9/13/2019 7:56:13		-122.359	37.716	2088639.882	6023857.174		2131.681	RS-700	-0.10263679245
14315	9/13/2019 7:56:14		-122.359	37.716	2088641.039	6023855.780		2257.804	RS-700	0.69059044025
14316	9/13/2019 7:56:15		-122.359	37.716	2088642.586	6023854.885		2289.798	RS-700	0.89181339623
14317	9/13/2019 7:56:16		-122.359	37.716	2088644.170	6023853.990		2210.571	RS-700	0.39352553459
14318	9/13/2019 7:56:17		-122.359	37.716	2088645.939	6023852.955		2220.682	RS-700	0.45712213837
14319	9/13/2019 7:56:18		-122.359	37.716	2088647.855	6023851.807		2193.785	RS-700	0.28795427673
14320	9/13/2019 7:56:19		-122.359	37.716	2088649.602	6023850.019		2106.174	RS-700	-0.26305729560
14321	9/13/2019 7:56:20		-122.359	37.716	2088651.243	6023848.113		2208.800	RS-700	0.38238823899
14322	9/13/2019 7:56:21		-122.359	37.716	2088653.313	6023846.534		2175.991	RS-700	0.17604377359
14323	9/13/2019 7:56:22		-122.359	37.716	2088654.806	6023844.712		2135.084	RS-700	-0.08123188679
14324	9/13/2019 7:56:23		-122.359	37.716	2088656.009	6023842.827		2157.444	RS-700	0.05939849057
14325	9/13/2019 7:56:24		-122.360	37.716	2088656.867	6023841.831		2128.861	RS-700	-0.12036930818
14326	9/13/2019 7:56:25		-122.360	37.716	2088656.532	6023842.201		2117.773	RS-700	-0.19010679245
14327	9/13/2019 7:56:26		-122.360	37.716	2088656.418	6023842.430		2053.225	RS-700	-0.59606949686
14328	9/13/2019 7:56:27		-122.360	37.716	2088656.986	6023841.342		2121.439	RS-700	-0.16704987421
14329	9/13/2019 7:56:28		-122.360	37.716	2088658.142	6023839.976		2145.308	RS-700	-0.01693257862
14330	9/13/2019 7:56:29		-122.360	37.716	2088659.256	6023838.899		2084.635	RS-700	-0.39852132076
14331	9/13/2019 7:56:30		-122.360	37.716	2088659.940	6023837.437		2142.516	RS-700	-0.03449345912
14332	9/13/2019 7:56:31		-122.360	37.716	2088660.006	6023835.992		2130.447	RS-700	-0.11039358491
14333	9/13/2019 7:56:32		-122.360	37.716	2088659.699	6023834.944		2036.219	RS-700	-0.70302704403
14334	9/13/2019 7:56:33		-122.360	37.716	2088659.316	6023834.040		2159.773	RS-700	0.07404710692

Gamma Scan Survey Results
Survey Unit 4 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
14335	9/13/2019 7:56:34		-122.360	37.716	2088658.937	6023832.962		2145.985	RS-700	-0.01267572327
14336	9/13/2019 7:56:35		-122.360	37.716	2088658.994	6023831.921		2067.947	RS-700	-0.50347792453
14337	9/13/2019 7:56:36		-122.360	37.716	2088658.651	6023832.696		2185.234	RS-700	0.23417515723
14338	9/13/2019 7:56:37		-122.360	37.716	2088657.860	6023833.982		2094.853	RS-700	-0.33425603774
14339	9/13/2019 7:56:38		-122.360	37.716	2088657.449	6023834.523		2120.296	RS-700	-0.17424157233
14340	9/13/2019 7:56:39		-122.360	37.716	2088658.052	6023833.523		2091.081	RS-700	-0.35798088050
14341	9/13/2019 7:56:40		-122.360	37.716	2088659.361	6023831.755		2107.861	RS-700	-0.25244660377
14342	9/13/2019 7:56:41		-122.360	37.716	2088660.751	6023829.613		2009.019	RS-700	-0.87409433962
14343	9/13/2019 7:56:42		-122.360	37.716	2088662.398	6023827.389		2137.091	RS-700	-0.06861320755
14344	9/13/2019 7:56:43		-122.360	37.716	2088664.650	6023825.872		2080.159	RS-700	-0.42667465409
14345	9/13/2019 7:56:44		-122.360	37.716	2088667.002	6023824.819		2060.045	RS-700	-0.55317446541
14346	9/13/2019 7:56:45		-122.360	37.716	2088669.351	6023823.882		2028.432	RS-700	-0.75200238994
14347	9/13/2019 7:56:46		-122.360	37.716	2088670.567	6023823.154		2114.765	RS-700	-0.20902566038
14348	9/13/2019 7:56:47		-122.360	37.716	2088670.936	6023822.901		2067.060	RS-700	-0.50905572327
14349	9/13/2019 7:56:48		-122.360	37.716	2088671.157	6023822.790		1989.814	RS-700	-0.99487981132
14350	9/13/2019 7:56:49		-122.360	37.716	2088670.715	6023823.041		2061.941	RS-700	-0.54125062893
14351	9/13/2019 7:56:50		-122.360	37.716	2088671.493	6023822.391		2141.774	RS-700	-0.03915540881
14352	9/13/2019 7:56:51		-122.360	37.716	2088670.006	6023820.250		2088.432	RS-700	-0.37463880503
14353	9/13/2019 7:56:52		-122.360	37.716	2088671.683	6023818.345		2194.345	RS-700	0.29147528302
14354	9/13/2019 7:56:53		-122.360	37.716	2088676.069	6023817.506		2166.271	RS-700	0.11491427673
14355	9/13/2019 7:56:54		-122.360	37.716	2088677.275	6023815.476		2207.008	RS-700	0.37112119497
14356	9/13/2019 7:56:55		-122.360	37.716	2088678.631	6023813.217		2182.890	RS-700	0.21943572327
14357	9/13/2019 7:56:56		-122.360	37.716	2088679.009	6023810.679		2314.042	RS-700	1.04429025157
14358	9/13/2019 7:56:57		-122.360	37.716	2088678.870	6023808.535		2379.854	RS-700	0.53916258065
14359	9/13/2019 7:56:58		-122.360	37.716	2088678.428	6023806.964		2482.150	RS-700	0.83915035191
14360	9/13/2019 7:56:59		-122.360	37.716	2088677.762	6023805.620		2564.543	RS-700	1.08077129032
14361	9/13/2019 7:57:00		-122.360	37.716	2088676.735	6023804.153		2476.536	RS-700	0.82268630499
14362	9/13/2019 7:57:01		-122.360	37.716	2088675.165	6023802.560		2603.328	RS-700	1.19451102639
14363	9/13/2019 7:57:02		-122.360	37.716	2088673.554	6023801.139		2556.042	RS-700	1.05584082111
14364	9/13/2019 7:57:03		-122.360	37.716	2088671.583	6023799.509		2611.997	RS-700	1.21993111437
14365	9/13/2019 7:57:04		-122.360	37.716	2088669.537	6023798.022		2571.165	RS-700	1.10019184751
14366	9/13/2019 7:57:05		-122.360	37.716	2088667.381	6023796.561		2558.425	RS-700	1.06282909091
14367	9/13/2019 7:57:06		-122.360	37.716	2088665.336	6023795.016		2524.272	RS-700	0.96267390029
14368	9/13/2019 7:57:07		-122.360	37.716	2088663.284	6023793.789		2533.153	RS-700	0.98871794721
14369	9/13/2019 7:57:08		-122.360	37.716	2088662.705	6023793.604		2563.428	RS-700	1.07750217009
14370	9/13/2019 7:57:09		-122.360	37.716	2088661.847	6023792.835		2644.950	RS-700	1.31656994135
14371	9/13/2019 7:57:10		-122.360	37.716	2088660.420	6023791.331		2719.538	RS-700	1.53530231672
14372	9/13/2019 7:57:11		-122.360	37.716	2088659.495	6023790.213		2634.864	RS-700	1.28699038123
14373	9/13/2019 7:57:12		-122.360	37.716	2088658.459	6023789.180		2610.461	RS-700	1.21542824047
14374	9/13/2019 7:57:13		-122.360	37.716	2088656.958	6023787.762		2578.685	RS-700	1.12224269795
14375	9/13/2019 7:57:14		-122.360	37.716	2088655.100	6023785.960		2672.697	RS-700	1.39793976540
14376	9/13/2019 7:57:15		-122.360	37.716	2088653.168	6023784.215		2618.946	RS-700	1.24030988270
14377	9/13/2019 7:57:16		-122.360	37.716	2088651.161	6023782.584		2554.149	RS-700	1.05029064516
14378	9/13/2019 7:57:17		-122.360	37.716	2088649.255	6023781.389		2793.455	RS-700	1.75206621701
14379	9/13/2019 7:57:18		-122.360	37.716	2088646.032	6023778.605		2602.707	RS-700	1.19268976540
14380	9/13/2019 7:57:19		-122.360	37.716	2088644.344	6023777.414		2737.812	RS-700	1.58889287390
14381	9/13/2019 7:57:20		-122.360	37.716	2088642.791	6023776.747		2875.331	RS-700	1.99217407625
14382	9/13/2019 7:57:21		-122.360	37.716	2088640.899	6023776.680		2756.399	RS-700	1.64339835777
14383	9/13/2019 7:57:22		-122.360	37.716	2088638.839	6023777.710		2464.005	RS-700	1.98745264151
14384	9/13/2019 7:57:23		-122.360	37.716	2088637.842	6023780.207		2150.763	RS-700	0.01737679245
14385	9/13/2019 7:57:24		-122.360	37.716	2088637.675	6023783.155		2224.793	RS-700	0.48297691824
14386	9/13/2019 7:57:25		-122.360	37.716	2088637.694	6023785.846		2172.892	RS-700	0.15655194969
14387	9/13/2019 7:57:26		-122.360	37.716	2088637.899	6023788.367		2166.876	RS-700	0.11871767296
14388	9/13/2019 7:57:27		-122.360	37.716	2088637.785	6023790.418		2183.563	RS-700	0.22366710692
14389	9/13/2019 7:57:28		-122.360	37.716	2088637.309	6023792.405		2159.088	RS-700	0.06973886792
14390	9/13/2019 7:57:29		-122.360	37.716	2088636.577	6023794.387		2124.751	RS-700	-0.14621716981
14391	9/13/2019 7:57:30		-122.360	37.716	2088635.512	6023796.680		2137.870	RS-700	-0.06370779874
14392	9/13/2019 7:57:31		-122.360	37.716	2088634.555	6023799.005		2184.780	RS-700	0.23131817610
14393	9/13/2019 7:57:32		-122.360	37.716	2088633.413	6023801.499		2170.663	RS-700	0.14253459120
14394	9/13/2019 7:57:33		-122.360	37.716	2088631.945	6023803.900		2201.679	RS-700	0.33760150943
14395	9/13/2019 7:57:34		-122.360	37.716	2088630.261	6023806.181		2161.530	RS-700	0.08509515723

Gamma Scan Survey Results
Survey Unit 4 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
14396	9/13/2019 7:57:35		-122.360	37.716	2088628.611	6023808.549		2252.356	RS-700	0.65632421384
14397	9/13/2019 7:57:36		-122.360	37.716	2088626.998	6023810.947		2222.794	RS-700	0.47040427673
14398	9/13/2019 7:57:37		-122.360	37.716	2088625.349	6023813.287		2174.886	RS-700	0.16909257862
14399	9/13/2019 7:57:38		-122.360	37.716	2088623.768	6023815.859		2224.352	RS-700	0.48020044025
14400	9/13/2019 7:57:39		-122.360	37.716	2088622.150	6023818.460		2193.454	RS-700	0.28587132076
14401	9/13/2019 7:57:40		-122.360	37.716	2088620.751	6023821.094		1898.401	RS-700	-1.56980465409
14402	9/13/2019 7:57:41		-122.360	37.716	2088619.032	6023823.258		1166.423	RS-700	-6.17343911950
14403	9/13/2019 7:57:42		-122.360	37.716	2088617.604	6023825.486		1176.267	RS-700	-6.11153119497
14404	9/13/2019 7:57:43		-122.360	37.716	2088615.808	6023827.881		1974.409	RS-700	-1.09176685535
14405	9/13/2019 7:57:44		-122.360	37.716	2088613.841	6023829.751		2099.759	RS-700	-0.30340553459
14406	9/13/2019 7:57:45		-122.360	37.716	2088612.141	6023831.019		2134.768	RS-700	-0.08322138365
14407	9/13/2019 7:57:46		-122.360	37.716	2088610.364	6023832.431		2152.773	RS-700	0.03002169811
14408	9/13/2019 7:57:47		-122.360	37.716	2088608.650	6023834.422		2102.855	RS-700	-0.28393201258
14409	9/13/2019 7:57:48		-122.360	37.716	2088606.928	6023836.731		2058.323	RS-700	-0.56400886793
14410	9/13/2019 7:57:49		-122.360	37.716	2088605.353	6023839.043		2097.648	RS-700	-0.31668018868
14411	9/13/2019 7:57:50		-122.360	37.716	2088603.777	6023841.384		2095.640	RS-700	-0.32930716981
14412	9/13/2019 7:57:51		-122.359	37.716	2088602.210	6023843.262		2240.911	RS-700	0.58434358491
14413	9/13/2019 7:57:52		-122.359	37.716	2088601.009	6023845.032		2190.013	RS-700	0.26423396226
14414	9/13/2019 7:57:53		-122.359	37.716	2088600.032	6023846.575		2180.121	RS-700	0.20202125786
14415	9/13/2019 7:57:54		-122.359	37.716	2088599.206	6023847.831		2186.559	RS-700	0.24250943396
14416	9/13/2019 7:57:55		-122.359	37.716	2088598.644	6023848.601		2114.181	RS-700	-0.21269830189
14417	9/13/2019 7:57:56		-122.359	37.716	2088598.531	6023848.773		2131.986	RS-700	-0.10071622642
14418	9/13/2019 7:57:57		-122.359	37.716	2088598.532	6023848.715		2059.528	RS-700	-0.55642616352
14419	9/13/2019 7:57:58		-122.359	37.716	2088598.532	6023848.715		2052.145	RS-700	-0.60285962264
14420	9/13/2019 7:57:59		-122.359	37.716	2088598.532	6023848.715		2196.346	RS-700	0.30406201258
14421	9/13/2019 7:58:00		-122.359	37.716	2088598.533	6023848.686		2136.553	RS-700	-0.07199610063
14422	9/13/2019 7:58:01		-122.359	37.716	2088598.533	6023848.686		2206.123	RS-700	0.36555201258
14423	9/13/2019 7:58:02		-122.359	37.716	2088598.533	6023848.686		2208.569	RS-700	0.38093559748
14424	9/13/2019 7:58:03		-122.359	37.716	2088598.497	6023848.685		2188.004	RS-700	0.25159987421
14425	9/13/2019 7:58:04		-122.359	37.716	2088598.496	6023848.714		2287.933	RS-700	0.88008314465
14426	9/13/2019 7:58:05		-122.359	37.716	2088598.460	6023848.713		2156.229	RS-700	0.05175754717
14427	9/13/2019 7:58:06		-122.359	37.716	2088598.460	6023848.713		2200.797	RS-700	0.33205402516
14428	9/13/2019 7:58:07		-122.359	37.716	2088598.460	6023848.713		2142.444	RS-700	-0.03494597484
14429	9/13/2019 7:58:08		-122.359	37.716	2088598.422	6023848.771		2069.170	RS-700	-0.49578691824
14430	9/13/2019 7:58:09		-122.359	37.716	2088597.822	6023849.627		2173.103	RS-700	0.15788226415
14431	9/13/2019 7:58:10		-122.359	37.716	2088596.213	6023851.793		2160.680	RS-700	0.07974584906
14432	9/13/2019 7:58:11		-122.359	37.716	2088594.269	6023854.329		2101.067	RS-700	-0.29517811321
14433	9/13/2019 7:58:12		-122.359	37.716	2088592.252	6023856.893		2093.645	RS-700	-0.34185452830
14434	9/13/2019 7:58:13		-122.359	37.716	2088590.190	6023859.861		2123.188	RS-700	-0.15605075472
14435	9/13/2019 7:58:14		-122.359	37.716	2088588.202	6023862.743		2098.303	RS-700	-0.31256081761
14436	9/13/2019 7:58:15		-122.359	37.716	2088586.289	6023865.570		2142.758	RS-700	-0.03296691824
14437	9/13/2019 7:58:16		-122.359	37.716	2088584.226	6023868.566		2062.740	RS-700	-0.53622339623
14438	9/13/2019 7:58:17		-122.359	37.716	2088582.165	6023871.476		2158.752	RS-700	0.06762138365
14439	9/13/2019 7:58:18		-122.359	37.716	2088580.066	6023874.472		2182.003	RS-700	0.21385415094
14440	9/13/2019 7:58:19		-122.359	37.716	2088577.971	6023877.295		2198.007	RS-700	0.31450716981
14441	9/13/2019 7:58:20		-122.359	37.716	2088575.876	6023880.088		2118.752	RS-700	-0.18395251572
14442	9/13/2019 7:58:21		-122.359	37.716	2088573.818	6023882.854		2184.213	RS-700	0.22775603774
14443	9/13/2019 7:58:22		-122.359	37.716	2088571.686	6023885.676		2121.976	RS-700	-0.16367396226
14444	9/13/2019 7:58:23		-122.359	37.716	2088569.700	6023888.471		2143.624	RS-700	-0.02752327044
14445	9/13/2019 7:58:24		-122.359	37.716	2088567.678	6023891.266		2201.679	RS-700	0.33760308176
14446	9/13/2019 7:58:25		-122.359	37.716	2088565.654	6023894.119		2375.842	RS-700	1.43297138365
14447	9/13/2019 7:58:26		-122.359	37.716	2088563.632	6023896.914		2311.949	RS-700	1.03112874214
14448	9/13/2019 7:58:27		-122.359	37.716	2088561.395	6023899.560		2286.279	RS-700	0.86968000000
14449	9/13/2019 7:58:28		-122.359	37.716	2088559.121	6023902.177		2263.697	RS-700	0.72765232704
14450	9/13/2019 7:58:29		-122.359	37.716	2088553.879	6023903.866		2216.160	RS-700	0.42867842767
14451	9/13/2019 7:58:30		-122.359	37.716	2088551.752	6023906.457		2278.501	RS-700	0.82076226415
14452	9/13/2019 7:58:31		-122.359	37.716	2088549.553	6023908.988		2290.824	RS-700	0.89826584906
14453	9/13/2019 7:58:32		-122.359	37.716	2088547.462	6023911.579		2358.555	RS-700	1.32424295597
14454	9/13/2019 7:58:33		-122.359	37.716	2088545.406	6023914.258		2278.156	RS-700	0.81859094340
14455	9/13/2019 7:58:34		-122.359	37.716	2088543.422	6023916.967		2372.928	RS-700	1.41463930818
14456	9/13/2019 7:58:35		-122.359	37.716	2088541.223	6023919.498		2225.465	RS-700	0.48720176101

Gamma Scan Survey Results
Survey Unit 4 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
14457	9/13/2019 7:58:36		-122.359	37.716	2088539.024	6023922.029		2261.493	RS-700	0.71379226415
14458	9/13/2019 7:58:37		-122.359	37.716	2088536.968	6023924.708		2198.568	RS-700	0.31804025157
14459	9/13/2019 7:58:38		-122.359	37.716	2088534.909	6023927.502		2171.669	RS-700	0.14886276730
14460	9/13/2019 7:58:39		-122.359	37.716	2088532.926	6023930.153		2145.764	RS-700	-0.01406213836
14461	9/13/2019 7:58:40		-122.359	37.716	2088530.981	6023932.718		2092.971	RS-700	-0.34609660377
14462	9/13/2019 7:58:41		-122.359	37.716	2088528.855	6023935.251		2089.954	RS-700	-0.36506805031
14463	9/13/2019 7:58:42		-122.359	37.716	2088526.729	6023937.783		2289.170	RS-700	0.88785924528
14464	9/13/2019 7:58:43		-122.359	37.716	2088524.602	6023940.374		2133.871	RS-700	-0.08886477987
14465	9/13/2019 7:58:44		-122.359	37.716	2088522.727	6023943.085		2189.893	RS-700	0.26347515723
14466	9/13/2019 7:58:45		-122.359	37.716	2088520.960	6023945.856		2141.313	RS-700	-0.04205779874
14467	9/13/2019 7:58:46		-122.359	37.716	2088519.193	6023948.656		2153.969	RS-700	0.03754358491
14468	9/13/2019 7:58:47		-122.359	37.716	2088517.031	6023951.159		2234.226	RS-700	0.54230345912
14469	9/13/2019 7:58:48		-122.359	37.716	2088515.047	6023953.868		2150.555	RS-700	0.01607132075
14470	9/13/2019 7:58:49		-122.359	37.716	2088512.955	6023956.488		2180.672	RS-700	0.20548383648
14471	9/13/2019 7:58:50		-122.359	37.716	2088510.793	6023958.991		2175.216	RS-700	0.17116836478
14472	9/13/2019 7:58:51		-122.359	37.716	2088508.558	6023961.522		2202.790	RS-700	0.34458886793
14473	9/13/2019 7:58:52		-122.359	37.716	2088506.395	6023964.083		2223.011	RS-700	0.47176459120
14474	9/13/2019 7:58:53		-122.359	37.716	2088504.124	6023966.526		2245.615	RS-700	0.61393201258
14475	9/13/2019 7:58:54		-122.359	37.716	2088501.853	6023969.055		2069.743	RS-700	-0.49218238994
14476	9/13/2019 7:58:55		-122.359	37.716	2088500.052	6023971.681		2189.779	RS-700	0.26275949686
14477	9/13/2019 7:58:56		-122.359	37.716	2088497.996	6023974.389		2246.252	RS-700	0.61793610063
14478	9/13/2019 7:58:57		-122.359	37.716	2088495.940	6023977.010		2274.922	RS-700	0.79825465409
14479	9/13/2019 7:58:58		-122.359	37.716	2088493.848	6023979.687		2216.017	RS-700	0.42778289308
14480	9/13/2019 7:58:59		-122.359	37.716	2088491.829	6023982.338		2281.730	RS-700	0.84106849057
14481	9/13/2019 7:59:00		-122.359	37.716	2088489.773	6023984.988		2233.912	RS-700	0.54032962264
14482	9/13/2019 7:59:01		-122.359	37.716	2088487.754	6023987.609		2227.797	RS-700	0.50186635220
14483	9/13/2019 7:59:02		-122.359	37.716	2088485.769	6023990.376		2137.765	RS-700	-0.06437201258
14484	9/13/2019 7:59:03		-122.359	37.716	2088483.675	6023993.141		2186.222	RS-700	0.24038918239
14485	9/13/2019 7:59:04		-122.359	37.716	2088481.617	6023995.906		2248.042	RS-700	0.62919591195
14486	9/13/2019 7:59:05		-122.359	37.716	2088479.414	6023998.640		2226.016	RS-700	0.49066761006
14487	9/13/2019 7:59:06		-122.359	37.716	2088477.209	6024001.431		2250.035	RS-700	0.64173213837
14488	9/13/2019 7:59:07		-122.359	37.716	2088474.899	6024004.076		2246.256	RS-700	0.61796471698
14489	9/13/2019 7:59:08		-122.359	37.716	2088472.732	6024006.810		2263.922	RS-700	0.72906981132
14490	9/13/2019 7:59:09		-122.359	37.716	2088470.676	6024009.489		2252.032	RS-700	0.65428660377
14491	9/13/2019 7:59:10		-122.359	37.716	2088468.435	6024012.308		2142.659	RS-700	-0.03358981132
14492	9/13/2019 7:59:11		-122.359	37.716	2088466.303	6024015.101		2142.548	RS-700	-0.03428930818
14493	9/13/2019 7:59:12		-122.359	37.716	2088468.588	6024019.284		2168.776	RS-700	0.13066654088
14494	9/13/2019 7:59:13		-122.359	37.716	2088466.495	6024021.962		2182.671	RS-700	0.21805559748
14495	9/13/2019 7:59:14		-122.359	37.716	2088464.475	6024024.641		2163.992	RS-700	0.10057628931
14496	9/13/2019 7:59:15		-122.359	37.716	2088462.527	6024027.351		2217.438	RS-700	0.43671647799
14497	9/13/2019 7:59:16		-122.359	37.716	2088460.468	6024030.174		2227.690	RS-700	0.50119477987
14498	9/13/2019 7:59:17		-122.359	37.716	2088458.373	6024032.968		2134.976	RS-700	-0.08191402516
14499	9/13/2019 7:59:18		-122.359	37.716	2088456.243	6024035.732		2195.784	RS-700	0.30053037736
14500	9/13/2019 7:59:19		-122.359	37.716	2088454.151	6024038.352		2116.971	RS-700	-0.19514786164
14501	9/13/2019 7:59:20		-122.359	37.716	2088452.168	6024041.032		2077.068	RS-700	-0.44611528302
14502	9/13/2019 7:59:21		-122.359	37.716	2088450.185	6024043.683		2134.553	RS-700	-0.08457547170
14503	9/13/2019 7:59:22		-122.359	37.716	2088448.274	6024046.365		2080.851	RS-700	-0.42231849057
14504	9/13/2019 7:59:23		-122.359	37.716	2088446.437	6024048.990		2129.655	RS-700	-0.11537779874
14505	9/13/2019 7:59:24		-122.359	37.716	2088444.674	6024051.587		2140.551	RS-700	-0.04685163522
14506	9/13/2019 7:59:25		-122.359	37.716	2088443.177	6024053.641		2042.827	RS-700	-0.66146433962
14507	9/13/2019 7:59:26		-122.359	37.716	2088441.829	6024055.465		2069.573	RS-700	-0.49325352201
14508	9/13/2019 7:59:27		-122.359	37.716	2088441.492	6024057.773		2090.539	RS-700	-0.36138823899
14509	9/13/2019 7:59:28		-122.359	37.716	2088442.105	6024059.926		2008.214	RS-700	-0.87915452830
14510	9/13/2019 7:59:29		-122.359	37.716	2088443.243	6024061.280		2036.033	RS-700	-0.70419364780
14511	9/13/2019 7:59:30		-122.359	37.716	2088444.863	6024062.238		2045.835	RS-700	-0.64254515723
14512	9/13/2019 7:59:31		-122.359	37.716	2088446.487	6024062.993		2076.639	RS-700	-0.44881446541
14513	9/13/2019 7:59:32		-122.359	37.716	2088448.609	6024064.337		2102.649	RS-700	-0.28522893082
14514	9/13/2019 7:59:33		-122.359	37.716	2088451.096	6024065.660		2119.180	RS-700	-0.18126081761
14515	9/13/2019 7:59:34		-122.359	37.716	2088453.690	6024067.042		2072.533	RS-700	-0.47463327044
14516	9/13/2019 7:59:35		-122.359	37.716	2088456.122	6024067.495		2086.957	RS-700	-0.38391987421
14517	9/13/2019 7:59:36		-122.359	37.716	2088458.435	6024066.529		2031.834	RS-700	-0.73060251572

Gamma Scan Survey Results
Survey Unit 4 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
14518	9/13/2019 7:59:37		-122.359	37.716	2088460.441	6024064.572		2158.768	RS-700	0.06772547170
14519	9/13/2019 7:59:38		-122.359	37.716	2088462.592	6024062.590		2130.855	RS-700	-0.10782767296
14520	9/13/2019 7:59:39		-122.359	37.716	2088464.960	6024060.727		2105.068	RS-700	-0.27001301887
14521	9/13/2019 7:59:40		-122.359	37.716	2088467.181	6024058.949		2116.870	RS-700	-0.19578333333
14522	9/13/2019 7:59:41		-122.359	37.716	2088468.958	6024057.480		2060.733	RS-700	-0.54885081761
14523	9/13/2019 7:59:42		-122.359	37.716	2088471.032	6024055.756		2132.762	RS-700	-0.09583823899
14524	9/13/2019 7:59:43		-122.359	37.716	2088473.477	6024053.664		2153.662	RS-700	0.03561000000
14525	9/13/2019 7:59:44		-122.359	37.716	2088475.887	6024051.484		2172.997	RS-700	0.15721352201
14526	9/13/2019 7:59:45		-122.359	37.716	2088478.194	6024049.042		2110.861	RS-700	-0.23358000000
14527	9/13/2019 7:59:46		-122.359	37.716	2088480.503	6024046.484		2068.937	RS-700	-0.49724911950
14528	9/13/2019 7:59:47		-122.359	37.716	2088482.780	6024043.694		2252.683	RS-700	0.65838320755
14529	9/13/2019 7:59:48		-122.359	37.716	2088484.947	6024040.931		2132.443	RS-700	-0.09784591195
14530	9/13/2019 7:59:49		-122.359	37.716	2088487.115	6024038.110		2213.125	RS-700	0.40959383648
14531	9/13/2019 7:59:50		-122.359	37.716	2088489.282	6024035.375		2265.492	RS-700	0.73894257862
14532	9/13/2019 7:59:51		-122.359	37.716	2088491.449	6024032.612		2138.757	RS-700	-0.05813415094
14533	9/13/2019 7:59:52		-122.359	37.716	2088493.724	6024029.938		2207.233	RS-700	0.37253465409
14534	9/13/2019 7:59:53		-122.359	37.716	2088495.965	6024027.118		2247.356	RS-700	0.62488031447
14535	9/13/2019 7:59:54		-122.359	37.716	2088498.023	6024024.324		2262.032	RS-700	0.71718459120
14536	9/13/2019 7:59:55		-122.359	37.716	2088500.191	6024021.532		2218.590	RS-700	0.44396238994
14537	9/13/2019 7:59:56		-122.359	37.716	2088502.611	6024018.889		2272.717	RS-700	0.78438150943
14538	9/13/2019 7:59:57		-122.359	37.716	2088504.957	6024016.303		2207.894	RS-700	0.37668968554
14539	9/13/2019 7:59:58		-122.359	37.716	2088507.410	6024013.806		2219.237	RS-700	0.44803433962
14540	9/13/2019 7:59:59		-122.359	37.716	2088509.683	6024011.218		2279.810	RS-700	0.82899377359
14541	9/13/2019 8:00:00		-122.359	37.716	2088511.774	6024008.627		2208.903	RS-700	0.38303484277
14542	9/13/2019 8:00:01		-122.359	37.716	2088513.866	6024005.978		2204.891	RS-700	0.35780270440
14543	9/13/2019 8:00:02		-122.359	37.716	2088515.738	6024003.383		2191.330	RS-700	0.27251805031
14544	9/13/2019 8:00:03		-122.359	37.716	2088517.798	6024000.531		2167.885	RS-700	0.12506276730
14545	9/13/2019 8:00:04		-122.359	37.716	2088519.784	6023997.706		2233.133	RS-700	0.53542716981
14546	9/13/2019 8:00:05		-122.359	37.716	2088522.093	6023995.148		2238.800	RS-700	0.57106729560
14547	9/13/2019 8:00:06		-122.359	37.716	2088524.400	6023992.677		2221.577	RS-700	0.46274559748
14548	9/13/2019 8:00:07		-122.359	37.716	2088526.707	6023990.206		2147.990	RS-700	-0.00006062893
14549	9/13/2019 8:00:08		-122.359	37.716	2088529.088	6023987.707		2181.891	RS-700	0.21314805031
14550	9/13/2019 8:00:09		-122.359	37.716	2088531.394	6023985.265		2129.079	RS-700	-0.11899723270
14551	9/13/2019 8:00:10		-122.359	37.716	2088533.702	6023982.736		2178.670	RS-700	0.19289283019
14552	9/13/2019 8:00:11		-122.359	37.716	2088535.902	6023980.176		2226.676	RS-700	0.49481761006
14553	9/13/2019 8:00:12		-122.359	37.716	2088537.996	6023977.440		2207.031	RS-700	0.37126698113
14554	9/13/2019 8:00:13		-122.359	37.716	2088539.873	6023974.584		2188.559	RS-700	0.25508974843
14555	9/13/2019 8:00:14		-122.359	37.716	2088541.534	6023971.666		2181.664	RS-700	0.21172201258
14556	9/13/2019 8:00:15		-122.359	37.716	2088543.157	6023968.777		2271.702	RS-700	0.77800025157
14557	9/13/2019 8:00:16		-122.359	37.716	2088544.997	6023966.007		2193.887	RS-700	0.28859993711
14558	9/13/2019 8:00:17		-122.359	37.716	2088547.343	6023963.392		2202.674	RS-700	0.34386364780
14559	9/13/2019 8:00:18		-122.359	37.716	2088549.692	6023960.661		2233.245	RS-700	0.53612930818
14560	9/13/2019 8:00:19		-122.359	37.716	2088552.004	6023957.959		2176.558	RS-700	0.17960949686
14561	9/13/2019 8:00:20		-122.359	37.716	2088554.315	6023955.285		2116.543	RS-700	-0.19784547170
14562	9/13/2019 8:00:21		-122.359	37.716	2088556.662	6023952.612		2109.176	RS-700	-0.24417911950
14563	9/13/2019 8:00:22		-122.359	37.716	2088558.974	6023949.910		2217.790	RS-700	0.43892974843
14564	9/13/2019 8:00:23		-122.359	37.716	2088561.250	6023947.149		2308.043	RS-700	1.00656150943
14565	9/13/2019 8:00:24		-122.359	37.716	2088563.420	6023944.270		2260.696	RS-700	0.70877930818
14566	9/13/2019 8:00:25		-122.359	37.716	2088565.516	6023941.418		2239.923	RS-700	0.57812937107
14567	9/13/2019 8:00:26		-122.359	37.716	2088567.790	6023938.773		2256.176	RS-700	0.68035245283
14568	9/13/2019 8:00:27		-122.359	37.716	2088569.883	6023936.095		2241.252	RS-700	0.58649163522
14569	9/13/2019 8:00:28		-122.359	37.716	2088571.978	6023933.301		2157.449	RS-700	0.05942591195
14570	9/13/2019 8:00:29		-122.359	37.716	2088574.037	6023930.449		2272.263	RS-700	0.78152962264
14571	9/13/2019 8:00:30		-122.359	37.716	2088576.167	6023927.714		2283.510	RS-700	0.85226635220
14572	9/13/2019 8:00:31		-122.359	37.716	2088578.407	6023924.981		2358.844	RS-700	1.32606553459
14573	9/13/2019 8:00:32		-122.359	37.716	2088580.719	6023922.279		2297.825	RS-700	0.94229251572
14574	9/13/2019 8:00:33		-122.359	37.716	2088582.922	6023919.545		2350.956	RS-700	1.27645383648
14575	9/13/2019 8:00:34		-122.359	37.716	2088585.160	6023916.870		2249.166	RS-700	0.63626144654
14576	9/13/2019 8:00:35		-122.359	37.716	2088587.290	6023914.135		2236.254	RS-700	0.55505672956
14577	9/13/2019 8:00:36		-122.359	37.716	2088589.385	6023911.342		2142.088	RS-700	-0.03718119497
14578	9/13/2019 8:00:37		-122.359	37.716	2088591.335	6023908.516		2127.331	RS-700	-0.12999113208

Gamma Scan Survey Results
Survey Unit 4 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
14579	9/13/2019 8:00:38		-122.359	37.716	2088593.467	6023905.695		2181.894	RS-700	0.21316729560
14580	9/13/2019 8:00:39		-122.359	37.716	2088595.525	6023902.929		2106.647	RS-700	-0.26007930818
14581	9/13/2019 8:00:40		-122.359	37.716	2088597.762	6023900.341		2057.535	RS-700	-0.56896484277
14582	9/13/2019 8:00:41		-122.359	37.716	2088599.817	6023897.720		2262.607	RS-700	0.72079911950
14583	9/13/2019 8:00:42		-122.359	37.716	2088601.838	6023894.983		2119.745	RS-700	-0.17770182390
14584	9/13/2019 8:00:43		-122.359	37.716	2088603.897	6023892.160		2160.556	RS-700	0.07897012579
14585	9/13/2019 8:00:44		-122.359	37.716	2088605.991	6023889.395		2218.011	RS-700	0.44032012579
14586	9/13/2019 8:00:45		-122.359	37.716	2088608.121	6023886.689		2170.443	RS-700	0.14115289308
14587	9/13/2019 8:00:46		-122.359	37.716	2088610.285	6023884.099		2159.991	RS-700	0.07541547170
14588	9/13/2019 8:00:47		-122.359	37.716	2088612.374	6023881.595		2177.776	RS-700	0.18727075472
14589	9/13/2019 8:00:48		-122.359	37.716	2088614.391	6023879.060		2221.460	RS-700	0.46201169811
14590	9/13/2019 8:00:49		-122.359	37.716	2088616.225	6023876.551		2138.408	RS-700	-0.06032962264
14591	9/13/2019 8:00:50		-122.359	37.716	2088618.097	6023874.013		2247.153	RS-700	0.62360578616
14592	9/13/2019 8:00:51		-122.359	37.716	2088619.969	6023871.417		2283.471	RS-700	0.85202094340
14593	9/13/2019 8:00:52		-122.359	37.716	2088621.878	6023868.823		2292.366	RS-700	0.90796031447
14594	9/13/2019 8:00:53		-122.359	37.716	2088623.786	6023866.286		2214.795	RS-700	0.42009333333
14595	9/13/2019 8:00:54		-122.359	37.716	2088625.617	6023863.950		2207.792	RS-700	0.37605069182
14596	9/13/2019 8:00:55		-122.359	37.716	2088627.410	6023861.700		2187.110	RS-700	0.24597257862
14597	9/13/2019 8:00:56		-122.359	37.716	2088629.090	6023859.592		2144.770	RS-700	-0.02031647799
14598	9/13/2019 8:00:57		-122.359	37.716	2088630.958	6023857.257		2065.943	RS-700	-0.51608006289
14599	9/13/2019 8:00:58		-122.359	37.716	2088633.010	6023854.752		2117.439	RS-700	-0.19220735849
14600	9/13/2019 8:00:59		-122.359	37.716	2088635.066	6023852.131		2170.334	RS-700	0.14046421384
14601	9/13/2019 8:01:00		-122.359	37.716	2088637.048	6023849.509		2126.442	RS-700	-0.13558723270
14602	9/13/2019 8:01:01		-122.359	37.716	2088638.597	6023846.676		1784.461	RS-700	-2.28640716981
14603	9/13/2019 8:01:02		-122.359	37.716	2088640.365	6023843.847		1042.006	RS-700	-6.95593974843
14604	9/13/2019 8:01:03		-122.360	37.716	2088642.351	6023841.080		1767.195	RS-700	-2.39499698113
14605	9/13/2019 8:01:04		-122.360	37.716	2088644.256	6023838.659		2185.010	RS-700	0.23276427673
14606	9/13/2019 8:01:05		-122.360	37.716	2088646.343	6023836.241		2203.895	RS-700	0.35153968554
14607	9/13/2019 8:01:06		-122.360	37.716	2088648.436	6023833.563		2312.710	RS-700	1.03591484277
14608	9/13/2019 8:01:07		-122.360	37.716	2088650.384	6023830.825		2167.451	RS-700	0.12233559748
14609	9/13/2019 8:01:08		-122.360	37.716	2088652.150	6023828.111		2071.944	RS-700	-0.47833823899
14610	9/13/2019 8:01:09		-122.360	37.716	2088653.916	6023825.369		2064.051	RS-700	-0.52798100629
14611	9/13/2019 8:01:10		-122.360	37.716	2088655.717	6023822.714		2157.774	RS-700	0.06147308176
14612	9/13/2019 8:01:11		-122.360	37.716	2088657.733	6023820.237		2147.531	RS-700	-0.00294817610
14613	9/13/2019 8:01:12		-122.360	37.716	2088659.602	6023817.815		2134.652	RS-700	-0.08395157233
14614	9/13/2019 8:01:13		-122.360	37.716	2088661.469	6023815.480		2141.660	RS-700	-0.03987176101
14615	9/13/2019 8:01:14		-122.360	37.716	2088663.228	6023813.114		2152.438	RS-700	0.02791364780
14616	9/13/2019 8:01:15		-122.360	37.716	2088664.878	6023810.745		2138.874	RS-700	-0.05739603774
14617	9/13/2019 8:01:16		-122.360	37.716	2088666.560	6023808.551		2240.911	RS-700	0.58434522013
14618	9/13/2019 8:01:17		-122.360	37.716	2088668.128	6023806.644		2134.448	RS-700	-0.08523503145
14619	9/13/2019 8:01:18		-122.360	37.716	2088669.356	6023805.309		2173.105	RS-700	0.15789339623
14620	9/13/2019 8:01:19		-122.360	37.716	2088670.139	6023804.370		2274.469	RS-700	0.79540062893
14621	9/13/2019 8:01:20		-122.360	37.716	2088670.141	6023804.283		2201.005	RS-700	0.33336685535
14622	9/13/2019 8:01:21		-122.360	37.716	2088669.914	6023804.712		2200.137	RS-700	0.32790477987
14623	9/13/2019 8:01:22		-122.360	37.716	2088669.803	6023804.797		2142.875	RS-700	-0.03223566038
14624	9/13/2019 8:01:23		-122.360	37.716	2088669.840	6023804.769		2271.043	RS-700	0.77385572327
14625	9/13/2019 8:01:24		-122.360	37.716	2088669.840	6023804.769		2265.925	RS-700	0.74166522013
14626	9/13/2019 8:01:25		-122.360	37.716	2088669.804	6023804.739		2231.574	RS-700	0.52562534591
14627	9/13/2019 8:01:26		-122.360	37.716	2088669.768	6023804.738		2127.187	RS-700	-0.13089830189
14628	9/13/2019 8:01:27		-122.360	37.716	2088669.768	6023804.738		2190.098	RS-700	0.26476817610
14629	9/13/2019 8:05:54		-122.360	37.717	2088715.055	6023754.315		2154.657	RS-700	0.04187100629
14630	9/13/2019 8:05:55		-122.360	37.717	2088715.092	6023754.316		2096.435	RS-700	-0.32430654088
14631	9/13/2019 8:05:56		-122.360	37.717	2088715.055	6023754.315		2164.558	RS-700	0.10414018868
14632	9/13/2019 8:05:57		-122.360	37.717	2088715.092	6023754.316		2124.226	RS-700	-0.14952088050
14633	9/13/2019 8:05:58		-122.360	37.717	2088715.055	6023754.315		2107.652	RS-700	-0.25376276730
14634	9/13/2019 8:05:59		-122.360	37.717	2088715.056	6023754.286		1997.413	RS-700	-0.94708622642
14635	9/13/2019 8:06:00		-122.360	37.717	2088715.055	6023754.344		2157.665	RS-700	0.06078836478
14636	9/13/2019 8:06:01		-122.360	37.717	2088715.018	6023754.344		2180.891	RS-700	0.20685893082
14637	9/13/2019 8:06:02		-122.360	37.717	2088715.018	6023754.344		2085.845	RS-700	-0.39091484277
14638	9/13/2019 8:06:03		-122.360	37.717	2088714.907	6023754.428		2181.895	RS-700	0.21317654088
14639	9/13/2019 8:06:04		-122.360	37.717	2088714.610	6023754.740		2137.656	RS-700	-0.06505691824

Gamma Scan Survey Results
Survey Unit 4 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
14640	9/13/2019 8:06:05		-122.360	37.717	2088714.574	6023754.711		2200.678	RS-700	0.33130559748
14641	9/13/2019 8:06:06		-122.360	37.717	2088714.574	6023754.740		2170.442	RS-700	0.14114773585
14642	9/13/2019 8:06:07		-122.360	37.717	2088714.610	6023754.740		2011.141	RS-700	-0.86074962264
14643	9/13/2019 8:06:08		-122.360	37.717	2088714.610	6023754.740		2182.000	RS-700	0.21383597484
14644	9/13/2019 8:06:09		-122.360	37.717	2088714.610	6023754.740		2168.994	RS-700	0.13203811321
14645	9/13/2019 8:06:10		-122.360	37.717	2088714.610	6023754.712		2171.884	RS-700	0.15021150943
14646	9/13/2019 8:06:11		-122.360	37.717	2088714.646	6023754.741		2063.046	RS-700	-0.53430308176
14647	9/13/2019 8:06:12		-122.360	37.717	2088714.646	6023754.741		2213.775	RS-700	0.41367886793
14648	9/13/2019 8:06:13		-122.360	37.717	2088714.646	6023754.741		2234.686	RS-700	0.54519779874
14649	9/13/2019 8:06:14		-122.360	37.717	2088714.683	6023754.742		2227.136	RS-700	0.49771352201
14650	9/13/2019 8:06:15		-122.360	37.717	2088714.647	6023754.712		2138.192	RS-700	-0.06168710692
14651	9/13/2019 8:06:16		-122.360	37.717	2088714.683	6023754.713		2259.820	RS-700	0.70327320755
14652	9/13/2019 8:06:17		-122.360	37.717	2088714.683	6023754.713		2150.991	RS-700	0.01881402516
14653	9/13/2019 8:06:18		-122.360	37.717	2088714.719	6023754.743		2137.758	RS-700	-0.06441811321
14654	9/13/2019 8:06:19		-122.360	37.717	2088714.719	6023754.743		2150.984	RS-700	0.01876924528
14655	9/13/2019 8:06:20		-122.360	37.717	2088714.720	6023754.714		2135.871	RS-700	-0.07628113208
14656	9/13/2019 8:06:21		-122.360	37.717	2088714.756	6023754.743		2149.789	RS-700	0.01125050314
14657	9/13/2019 8:06:22		-122.360	37.717	2088714.756	6023754.714		2095.861	RS-700	-0.32791949686
14658	9/13/2019 8:06:23		-122.360	37.717	2088714.756	6023754.743		2192.119	RS-700	0.27747666667
14659	9/13/2019 8:06:24		-122.360	37.717	2088714.756	6023754.714		2137.520	RS-700	-0.06591157233
14660	9/13/2019 8:06:25		-122.360	37.717	2088714.756	6023754.743		2114.866	RS-700	-0.20839081761
14661	9/13/2019 8:06:26		-122.360	37.717	2088714.792	6023754.744		2110.072	RS-700	-0.23854245283
14662	9/13/2019 8:06:27		-122.360	37.717	2088714.792	6023754.744		2064.846	RS-700	-0.52298339623
14663	9/13/2019 8:06:28		-122.360	37.717	2088714.606	6023754.914		2127.409	RS-700	-0.12950251572
14664	9/13/2019 8:06:29		-122.360	37.717	2088714.308	6023755.284		2123.654	RS-700	-0.15312018868
14665	9/13/2019 8:06:30		-122.360	37.717	2088714.344	6023755.285		2112.651	RS-700	-0.22232371069
14666	9/13/2019 8:06:31		-122.360	37.717	2088714.382	6023755.199		2131.868	RS-700	-0.10145748428
14667	9/13/2019 8:06:32		-122.360	37.717	2088714.418	6023755.229		2250.593	RS-700	0.64524081761
14668	9/13/2019 8:06:33		-122.360	37.717	2088714.419	6023755.200		2139.660	RS-700	-0.05245547170
14669	9/13/2019 8:06:34		-122.360	37.717	2088714.456	6023755.171		2175.324	RS-700	0.17184855346
14670	9/13/2019 8:06:35		-122.360	37.717	2088714.530	6023755.115		2041.627	RS-700	-0.66901446541
14671	9/13/2019 8:06:36		-122.360	37.717	2088714.492	6023755.172		2126.197	RS-700	-0.13712817610
14672	9/13/2019 8:06:37		-122.360	37.717	2088714.269	6023755.399		2129.981	RS-700	-0.11332515723
14673	9/13/2019 8:06:38		-122.360	37.717	2088714.232	6023755.427		2185.678	RS-700	0.23697094340
14674	9/13/2019 8:06:39		-122.360	37.717	2088714.232	6023755.456		2177.214	RS-700	0.18373660377
14675	9/13/2019 8:06:40		-122.360	37.717	2088714.195	6023755.484		2152.651	RS-700	0.02925006289
14676	9/13/2019 8:06:41		-122.360	37.717	2088714.195	6023755.484		2143.761	RS-700	-0.02666037736
14677	9/13/2019 8:06:42		-122.360	37.717	2088714.195	6023755.484		2153.208	RS-700	0.03275238994
14678	9/13/2019 8:06:43		-122.360	37.717	2088714.158	6023755.484		2134.830	RS-700	-0.08283062893
14679	9/13/2019 8:06:44		-122.360	37.717	2088714.158	6023755.513		2090.329	RS-700	-0.36270918239
14680	9/13/2019 8:06:45		-122.360	37.717	2088714.158	6023755.513		2156.654	RS-700	0.05442792453
14681	9/13/2019 8:06:46		-122.360	37.717	2088714.156	6023755.570		2118.075	RS-700	-0.18820446541
14682	9/13/2019 8:06:47		-122.360	37.717	2088714.007	6023755.741		2060.939	RS-700	-0.54755522013
14683	9/13/2019 8:06:48		-122.360	37.717	2088713.636	6023756.110		2134.977	RS-700	-0.08190327044
14684	9/13/2019 8:06:49		-122.360	37.717	2088713.113	6023756.765		2114.760	RS-700	-0.20905761006
14685	9/13/2019 8:06:50		-122.360	37.717	2088712.773	6023757.395		2042.933	RS-700	-0.66079710692
14686	9/13/2019 8:06:51		-122.360	37.717	2088712.243	6023758.368		2155.315	RS-700	0.04600591195
14687	9/13/2019 8:06:52		-122.360	37.717	2088711.868	6023758.910		2160.668	RS-700	0.07967264151
14688	9/13/2019 8:06:53		-122.360	37.717	2088711.150	6023760.226		2163.665	RS-700	0.09852377358
14689	9/13/2019 8:06:54		-122.360	37.717	2088710.101	6023761.710		2123.673	RS-700	-0.15299974843
14690	9/13/2019 8:06:55		-122.360	37.717	2088708.867	6023763.334		2042.936	RS-700	-0.66077817610
14691	9/13/2019 8:06:56		-122.360	37.717	2088707.562	6023764.871		2121.654	RS-700	-0.16569616352
14692	9/13/2019 8:06:57		-122.360	37.717	2088706.255	6023766.494		2161.773	RS-700	0.08662308176
14693	9/13/2019 8:06:58		-122.360	37.717	2088705.169	6023767.977		2175.999	RS-700	0.17609352201
14694	9/13/2019 8:06:59		-122.360	37.717	2088704.644	6023768.776		2155.665	RS-700	0.04820452830
14695	9/13/2019 8:07:00		-122.360	37.717	2088704.530	6023768.977		2221.461	RS-700	0.46201886793
14696	9/13/2019 8:07:01		-122.360	37.717	2088704.531	6023768.948		2277.816	RS-700	0.81645295598
14697	9/13/2019 8:07:02		-122.360	37.717	2088704.531	6023768.948		2209.792	RS-700	0.38862767296
14698	9/13/2019 8:07:03		-122.360	37.717	2088704.568	6023768.919		2061.634	RS-700	-0.54318358491
14699	9/13/2019 8:07:04		-122.360	37.717	2088704.604	6023768.920		2215.894	RS-700	0.42700320755
14700	9/13/2019 8:07:05		-122.360	37.717	2088704.568	6023768.919		2206.227	RS-700	0.36620918239

Gamma Scan Survey Results
Survey Unit 4 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
14701	9/13/2019 8:07:06		-122.360	37.717	2088704.604	6023768.920		2183.891	RS-700	0.22572924528
14702	9/13/2019 8:07:07		-122.360	37.717	2088704.567	6023768.948		2207.882	RS-700	0.37661754717
14703	9/13/2019 8:07:08		-122.360	37.717	2088704.604	6023768.949		2098.744	RS-700	-0.30978308176
14704	9/13/2019 8:07:09		-122.360	37.717	2088704.567	6023768.977		2122.395	RS-700	-0.16103748428
14705	9/13/2019 8:07:10		-122.360	37.717	2088704.491	6023769.120		2203.683	RS-700	0.35020509434
14706	9/13/2019 8:07:11		-122.360	37.717	2088704.191	6023769.577		2126.078	RS-700	-0.13787176101
14707	9/13/2019 8:07:12		-122.360	37.717	2088703.964	6023770.007		2154.673	RS-700	0.04196779874
14708	9/13/2019 8:07:13		-122.360	37.717	2088703.664	6023770.435		2143.556	RS-700	-0.02795119497
14709	9/13/2019 8:07:14		-122.360	37.717	2088703.437	6023770.835		2141.987	RS-700	-0.03781666667
14710	9/13/2019 8:07:15		-122.360	37.717	2088702.907	6023771.866		2212.127	RS-700	0.40331471698
14711	9/13/2019 8:07:16		-122.360	37.717	2088702.073	6023773.528		2155.770	RS-700	0.04886867925
14712	9/13/2019 8:07:17		-122.360	37.717	2088701.093	6023775.157		2171.105	RS-700	0.14531213837
14713	9/13/2019 8:07:18		-122.360	37.716	2088699.892	6023776.985		2196.875	RS-700	0.30739125786
14714	9/13/2019 8:07:19		-122.360	37.716	2088698.541	6023778.983		2063.148	RS-700	-0.53366238994
14715	9/13/2019 8:07:20		-122.360	37.716	2088697.231	6023780.751		2129.957	RS-700	-0.11347496855
14716	9/13/2019 8:07:21		-122.360	37.716	2088696.070	6023782.377		2142.449	RS-700	-0.03491283019
14717	9/13/2019 8:07:22		-122.360	37.716	2088694.837	6023783.944		2194.774	RS-700	0.29417761006
14718	9/13/2019 8:07:23		-122.360	37.716	2088693.344	6023785.765		2307.929	RS-700	1.00584150943
14719	9/13/2019 8:07:24		-122.360	37.716	2088691.594	6023787.698		2225.686	RS-700	0.48859364780
14720	9/13/2019 8:07:25		-122.360	37.716	2088689.878	6023789.718		2221.461	RS-700	0.46201748428
14721	9/13/2019 8:07:26		-122.360	37.716	2088688.232	6023791.913		2186.905	RS-700	0.24468471698
14722	9/13/2019 8:07:27		-122.360	37.716	2088686.839	6023794.200		2392.373	RS-700	0.57587351906
14723	9/13/2019 8:07:28		-122.360	37.716	2088685.746	6023796.087		2468.619	RS-700	0.79947055719
14724	9/13/2019 8:07:29		-122.360	37.716	2088685.133	6023797.608		2651.820	RS-700	1.33671548387
14725	9/13/2019 8:07:30		-122.360	37.716	2088684.414	6023798.954		2232.455	RS-700	0.10690577713
14726	9/13/2019 8:07:31		-122.360	37.716	2088683.289	6023800.581		1896.393	RS-700	-0.87861249267
14727	9/13/2019 8:07:32		-122.360	37.716	2088678.988	6023800.755		1641.488	RS-700	-1.62613609971
14728	9/13/2019 8:07:33		-122.360	37.716	2088681.181	6023804.039		2244.364	RS-700	0.14182997067
14729	9/13/2019 8:07:34		-122.360	37.716	2088679.831	6023806.009		2544.283	RS-700	1.02135856305
14730	9/13/2019 8:07:35		-122.360	37.716	2088678.222	6023808.175		2326.833	RS-700	0.38367486804
14731	9/13/2019 8:07:36		-122.360	37.716	2088676.388	6023810.627		2223.466	RS-700	0.47463094340
14732	9/13/2019 8:07:37		-122.360	37.716	2088674.965	6023812.624		2180.662	RS-700	0.20542232704
14733	9/13/2019 8:07:38		-122.360	37.716	2088673.848	6023813.846		2192.783	RS-700	0.28165433962
14734	9/13/2019 8:07:39		-122.360	37.716	2088673.176	6023814.671		2083.261	RS-700	-0.40716566038
14735	9/13/2019 8:07:40		-122.360	37.716	2088672.321	6023815.551		2142.089	RS-700	-0.03717723270
14736	9/13/2019 8:07:41		-122.360	37.716	2088671.323	6023816.284		2135.749	RS-700	-0.07705044025
14737	9/13/2019 8:07:42		-122.360	37.716	2088670.145	6023816.897		2141.455	RS-700	-0.04116150943
14738	9/13/2019 8:07:43		-122.360	37.716	2088669.373	6023817.257		2186.558	RS-700	0.24250081761
14739	9/13/2019 8:07:44		-122.360	37.716	2088667.721	6023817.919		2139.552	RS-700	-0.05313012579
14740	9/13/2019 8:07:45		-122.360	37.716	2088665.446	6023818.799		2071.560	RS-700	-0.48075559748
14741	9/13/2019 8:07:46		-122.360	37.716	2088662.983	6023819.966		2177.999	RS-700	0.18867289308
14742	9/13/2019 8:07:47		-122.360	37.716	2088660.624	6023821.365		2218.349	RS-700	0.44244345912
14743	9/13/2019 8:07:48		-122.360	37.716	2088658.268	6023822.649		2186.999	RS-700	0.24527855346
14744	9/13/2019 8:07:49		-122.360	37.716	2088655.738	6023823.496		2120.758	RS-700	-0.17133484277
14745	9/13/2019 8:07:50		-122.360	37.716	2088653.288	6023823.968		2143.993	RS-700	-0.02519943396
14746	9/13/2019 8:07:51		-122.360	37.716	2088650.589	6023824.204		2189.228	RS-700	0.25929723270
14747	9/13/2019 8:07:52		-122.360	37.716	2088647.708	6023824.378		2227.909	RS-700	0.50256949686
14748	9/13/2019 8:07:53		-122.360	37.716	2088641.210	6023823.323		2223.681	RS-700	0.47598226415
14749	9/13/2019 8:07:54		-122.360	37.716	2088638.256	6023823.553		2236.141	RS-700	0.55434433962
14750	9/13/2019 8:07:55		-122.360	37.716	2088635.448	6023823.729		2190.897	RS-700	0.26979308176
14751	9/13/2019 8:07:56		-122.360	37.716	2088636.403	6023825.137		2215.568	RS-700	0.42495823899
14752	9/13/2019 8:07:57		-122.360	37.716	2088634.095	6023825.843		2251.263	RS-700	0.64945591195
14753	9/13/2019 8:07:58		-122.360	37.716	2088632.290	6023826.849		2120.299	RS-700	-0.17421704403
14754	9/13/2019 8:07:59		-122.360	37.716	2088631.323	6023827.871		2179.889	RS-700	0.20056182390
14755	9/13/2019 8:08:00		-122.360	37.716	2088630.838	6023828.469		2188.675	RS-700	0.25582037736
14756	9/13/2019 8:08:01		-122.360	37.716	2088630.315	6023829.124		1991.716	RS-700	-0.98292075472
14757	9/13/2019 8:08:02		-122.360	37.716	2088630.016	6023829.523		2016.132	RS-700	-0.82936138365
14758	9/13/2019 8:08:03		-122.360	37.716	2088630.129	6023829.323		1994.724	RS-700	-0.96400062893
14759	9/13/2019 8:08:04		-122.360	37.716	2088629.569	6023830.006		1844.787	RS-700	-1.90699911950
14760	9/13/2019 8:08:05		-122.360	37.716	2088628.973	6023830.659		1615.661	RS-700	-3.34804704403
14761	9/13/2019 8:08:06		-122.360	37.716	2088628.602	6023831.028		1489.403	RS-700	-4.14211672956

Gamma Scan Survey Results
Survey Unit 4 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
14762	9/13/2019 8:08:07		-122.360	37.716	2088628.380	6023831.197		1419.300	RS-700	-4.58302150943
14763	9/13/2019 8:08:08		-122.360	37.716	2088627.780	6023832.053		1233.503	RS-700	-5.75155213836
14764	9/13/2019 8:08:09		-122.360	37.716	2088626.995	6023833.079		1277.585	RS-700	-5.47430811321
14765	9/13/2019 8:08:10		-122.360	37.716	2088626.544	6023833.765		1205.251	RS-700	-5.92924113208
14766	9/13/2019 8:08:11		-122.360	37.716	2088625.756	6023834.964		1447.377	RS-700	-4.40643144654
14767	9/13/2019 8:08:12		-122.360	37.716	2088624.814	6023836.537		1890.850	RS-700	-1.61729528302
14768	9/13/2019 8:08:13		-122.360	37.716	2088623.795	6023838.339		1974.783	RS-700	-1.08941301887
14769	9/13/2019 8:08:14		-122.360	37.716	2088622.784	6023839.708		2068.155	RS-700	-0.50217113208
14770	9/13/2019 8:08:15		-122.360	37.716	2088622.073	6023840.677		2065.240	RS-700	-0.52050358491
14771	9/13/2019 8:08:16		-122.360	37.716	2088622.224	6023840.420		2106.649	RS-700	-0.26007119497
14772	9/13/2019 8:08:17		-122.360	37.716	2088622.600	6023839.820		2074.536	RS-700	-0.46203597484
14773	9/13/2019 8:08:18		-122.360	37.716	2088622.638	6023839.762		2137.647	RS-700	-0.06511339623
14774	9/13/2019 8:08:19		-122.360	37.716	2088622.637	6023839.791		2047.633	RS-700	-0.63123968554
14775	9/13/2019 8:08:20		-122.360	37.716	2088622.601	6023839.762		2048.149	RS-700	-0.62799572327
14776	9/13/2019 8:08:21		-122.360	37.716	2088622.565	6023839.732		2081.056	RS-700	-0.42103050315
14777	9/13/2019 8:08:22		-122.360	37.716	2088622.565	6023839.732		2150.664	RS-700	0.01675427673
14778	9/13/2019 8:08:23		-122.360	37.716	2088622.565	6023839.732		2091.327	RS-700	-0.35643207547
14779	9/13/2019 8:08:24		-122.360	37.716	2088622.530	6023839.702		2102.489	RS-700	-0.28623377359
14780	9/13/2019 8:08:25		-122.360	37.716	2088622.530	6023839.702		2217.130	RS-700	0.43477698113
14781	9/13/2019 8:08:26		-122.360	37.716	2088622.457	6023839.672		2127.976	RS-700	-0.12593647799
14782	9/13/2019 8:08:27		-122.360	37.716	2088622.385	6023839.671		2052.524	RS-700	-0.60048081761
14783	9/13/2019 8:08:28		-122.360	37.716	2088622.421	6023839.671		2082.966	RS-700	-0.40902069182
14784	9/13/2019 8:08:29		-122.360	37.716	2088622.384	6023839.700		2072.531	RS-700	-0.47464522013
14785	9/13/2019 8:08:30		-122.360	37.716	2088622.384	6023839.700		2075.953	RS-700	-0.45312383648
14786	9/13/2019 8:08:31		-122.360	37.716	2088622.385	6023839.671		2171.449	RS-700	0.14747830189
14787	9/13/2019 8:08:32		-122.360	37.716	2088622.385	6023839.671		2106.759	RS-700	-0.25938050315
14788	9/13/2019 8:08:33		-122.360	37.716	2088622.384	6023839.700		2177.561	RS-700	0.18591584906
14789	9/13/2019 8:08:34		-122.360	37.716	2088622.383	6023839.728		2169.432	RS-700	0.13479446541
14790	9/13/2019 8:08:35		-122.360	37.716	2088622.420	6023839.729		2088.480	RS-700	-0.37434194969
14791	9/13/2019 8:08:36		-122.360	37.716	2088622.383	6023839.728		2082.267	RS-700	-0.41341584906
14792	9/13/2019 8:08:37		-122.360	37.716	2088622.383	6023839.757		2080.948	RS-700	-0.42171157233
14793	9/13/2019 8:08:38		-122.360	37.716	2088622.383	6023839.757		2140.874	RS-700	-0.04481603774
14794	9/13/2019 8:08:39		-122.360	37.716	2088622.382	6023839.786		2079.956	RS-700	-0.42795000000
14795	9/13/2019 8:08:40		-122.360	37.716	2088622.418	6023839.816		2022.824	RS-700	-0.78727025157
14796	9/13/2019 8:08:41		-122.360	37.716	2088622.418	6023839.816		2164.998	RS-700	0.10690742138
14797	9/13/2019 8:08:42		-122.360	37.716	2088622.454	6023839.846		2113.834	RS-700	-0.21487918239
14798	9/13/2019 8:08:43		-122.360	37.716	2088622.454	6023839.846		2099.645	RS-700	-0.30411968554
14799	9/13/2019 8:08:44		-122.360	37.716	2088622.453	6023839.875		2082.639	RS-700	-0.41107339623
14800	9/13/2019 8:08:45		-122.360	37.716	2088622.453	6023839.875		2133.549	RS-700	-0.09088459120
14801	9/13/2019 8:08:46		-122.360	37.716	2088622.417	6023839.874		2114.440	RS-700	-0.21107163522
14802	9/13/2019 8:08:47		-122.360	37.716	2088622.453	6023839.875		2077.745	RS-700	-0.44185672956
14803	9/13/2019 8:08:48		-122.360	37.716	2088622.453	6023839.903		2110.959	RS-700	-0.23296081761
14804	9/13/2019 8:08:49		-122.360	37.716	2088622.154	6023840.274		2122.653	RS-700	-0.15941811321
14805	9/13/2019 8:08:50		-122.360	37.716	2088621.781	6023840.729		2057.434	RS-700	-0.56959584906
14806	9/13/2019 8:08:51		-122.360	37.716	2088621.892	6023840.644		2035.730	RS-700	-0.70610358491
14807	9/13/2019 8:08:52		-122.360	37.716	2088622.041	6023840.445		2022.826	RS-700	-0.78726056604
14808	9/13/2019 8:08:53		-122.360	37.716	2088622.191	6023840.245		2070.644	RS-700	-0.48651823899
14809	9/13/2019 8:08:54		-122.360	37.716	2088622.302	6023840.161		2083.637	RS-700	-0.40479880503
14810	9/13/2019 8:08:55		-122.360	37.716	2088622.376	6023840.104		2143.660	RS-700	-0.02729591195
14811	9/13/2019 8:08:56		-122.360	37.716	2088622.376	6023840.104		2140.769	RS-700	-0.04547779874
14812	9/13/2019 8:08:57		-122.360	37.716	2088622.376	6023840.104		2028.727	RS-700	-0.75014767296
14813	9/13/2019 8:08:58		-122.360	37.716	2088622.376	6023840.104		2099.966	RS-700	-0.30210113208
14814	9/13/2019 8:08:59		-122.360	37.716	2088622.376	6023840.075		2040.731	RS-700	-0.67464811321
14815	9/13/2019 8:09:00		-122.360	37.716	2088622.376	6023840.104		2064.851	RS-700	-0.52294955975
14816	9/13/2019 8:09:01		-122.360	37.716	2088622.412	6023840.134		2205.008	RS-700	0.35854157233
14817	9/13/2019 8:09:02		-122.360	37.716	2088622.411	6023840.163		2070.536	RS-700	-0.48719635220
14818	9/13/2019 8:09:03		-122.360	37.716	2088622.412	6023840.134		2077.650	RS-700	-0.44245056604
14819	9/13/2019 8:09:04		-122.360	37.716	2088622.339	6023840.133		2080.328	RS-700	-0.42561069182
14820	9/13/2019 8:09:05		-122.360	37.716	2088622.261	6023840.391		2088.168	RS-700	-0.37630132076
14821	9/13/2019 8:09:06		-122.360	37.716	2088621.776	6023840.960		1999.614	RS-700	-0.93324308176
14822	9/13/2019 8:09:07		-122.360	37.716	2088621.255	6023841.529		1947.879	RS-700	-1.25862496855

Gamma Scan Survey Results
Survey Unit 4 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
14823	9/13/2019 8:09:08		-122.359	37.716	2088620.845	6023842.012		1600.494	RS-700	-3.44343232704
14824	9/13/2019 8:09:09		-122.359	37.716	2088619.991	6023842.805		1476.690	RS-700	-4.22207534591
14825	9/13/2019 8:09:10		-122.359	37.716	2088619.323	6023843.458		1712.530	RS-700	-2.73880345912
14826	9/13/2019 8:09:11		-122.359	37.716	2088618.766	6023843.996		1842.381	RS-700	-1.92213320755
14827	9/13/2019 8:09:12		-122.359	37.716	2088618.617	6023844.138		1864.484	RS-700	-1.78311805031
14828	9/13/2019 8:09:13		-122.359	37.716	2088618.656	6023844.052		1760.365	RS-700	-2.43795786164
14829	9/13/2019 8:09:14		-122.359	37.716	2088618.656	6023844.052		1860.575	RS-700	-1.80770207547
14830	9/13/2019 8:09:15		-122.359	37.716	2088618.656	6023844.052		1842.930	RS-700	-1.91867937107
14831	9/13/2019 8:09:16		-122.359	37.716	2088618.656	6023844.052		1803.374	RS-700	-2.16745679245
14832	9/13/2019 8:09:17		-122.359	37.716	2088618.692	6023844.053		1923.108	RS-700	-1.41441459119
14833	9/13/2019 8:09:18		-122.359	37.716	2088618.692	6023844.053		1820.737	RS-700	-2.05825723270
14834	9/13/2019 8:09:19		-122.359	37.716	2088618.655	6023844.081		1858.469	RS-700	-1.82094955975
14835	9/13/2019 8:09:20		-122.359	37.716	2088618.655	6023844.081		1927.596	RS-700	-1.38618767296
14836	9/13/2019 8:09:21		-122.359	37.716	2088618.655	6023844.081		1834.655	RS-700	-1.97072333333
14837	9/13/2019 8:09:22		-122.359	37.716	2088618.655	6023844.081		1823.469	RS-700	-2.04107377358
14838	9/13/2019 8:09:23		-122.359	37.716	2088618.655	6023844.081		1839.478	RS-700	-1.94039094340
14839	9/13/2019 8:09:24		-122.359	37.716	2088618.655	6023844.081		1884.868	RS-700	-1.65491616352
14840	9/13/2019 8:09:25		-122.359	37.716	2088618.655	6023844.081		1776.722	RS-700	-2.33508163522
14841	9/13/2019 8:09:26		-122.359	37.716	2088618.654	6023844.110		1882.874	RS-700	-1.66745761006
14842	9/13/2019 8:09:27		-122.359	37.716	2088618.654	6023844.110		1860.222	RS-700	-1.80992559748
14843	9/13/2019 8:09:28		-122.359	37.716	2088618.654	6023844.110		1801.284	RS-700	-2.18060691824
14844	9/13/2019 8:09:29		-122.359	37.716	2088618.654	6023844.110		1885.581	RS-700	-1.65043283019
14845	9/13/2019 8:09:30		-122.359	37.716	2088618.654	6023844.110		1871.764	RS-700	-1.73733081761
14846	9/13/2019 8:09:31		-122.359	37.716	2088618.618	6023844.109		1848.568	RS-700	-1.88321754717
14847	9/13/2019 8:09:32		-122.359	37.716	2088618.507	6023844.194		1909.589	RS-700	-1.49943981132
14848	9/13/2019 8:09:33		-122.359	37.716	2088618.359	6023844.335		1957.702	RS-700	-1.19684025157
14849	9/13/2019 8:09:34		-122.359	37.716	2088617.581	6023844.956		2093.541	RS-700	-0.34250905660
14850	9/13/2019 8:09:35		-122.359	37.716	2088616.510	6023845.745		2043.731	RS-700	-0.65578031447
14851	9/13/2019 8:09:36		-122.359	37.716	2088615.440	6023846.418		2074.740	RS-700	-0.46075270440
14852	9/13/2019 8:09:37		-122.359	37.716	2088614.591	6023846.980		2053.530	RS-700	-0.59414981132
14853	9/13/2019 8:09:38		-122.359	37.716	2088613.962	6023847.488		2114.440	RS-700	-0.21107056604
14854	9/13/2019 8:09:39		-122.359	37.716	2088612.966	6023848.134		2151.984	RS-700	0.02505345912
14855	9/13/2019 8:09:40		-122.359	37.716	2088612.633	6023848.388		2096.459	RS-700	-0.32415943396
14856	9/13/2019 8:09:41		-122.359	37.716	2088612.671	6023848.330		1984.395	RS-700	-1.02896540881
14857	9/13/2019 8:09:42		-122.359	37.716	2088612.708	6023848.302		2084.059	RS-700	-0.40214421384
14858	9/13/2019 8:09:43		-122.359	37.716	2088612.745	6023848.274		2092.947	RS-700	-0.34624377359
14859	9/13/2019 8:09:44		-122.359	37.716	2088612.782	6023848.246		2103.068	RS-700	-0.28259037736
14860	9/13/2019 8:09:45		-122.359	37.716	2088612.855	6023848.218		2082.439	RS-700	-0.41233477987
14861	9/13/2019 8:09:46		-122.359	37.716	2088612.855	6023848.218		2155.092	RS-700	0.04460415094
14862	9/13/2019 8:09:47		-122.359	37.716	2088612.819	6023848.189		2017.522	RS-700	-0.82061591195
14863	9/13/2019 8:09:48		-122.359	37.716	2088612.819	6023848.218		2057.147	RS-700	-0.57140044025
14864	9/13/2019 8:09:49		-122.359	37.716	2088612.855	6023848.218		2077.745	RS-700	-0.44185345912
14865	9/13/2019 8:09:50		-122.359	37.716	2088612.818	6023848.247		2043.345	RS-700	-0.65820566038
14866	9/13/2019 8:09:51		-122.359	37.716	2088612.819	6023848.218		2070.953	RS-700	-0.48456962264
14867	9/13/2019 8:09:52		-122.359	37.716	2088612.819	6023848.218		2091.755	RS-700	-0.35374333333
14868	9/13/2019 8:09:53		-122.359	37.716	2088612.819	6023848.218		2059.048	RS-700	-0.55944905660
14869	9/13/2019 8:09:54		-122.359	37.716	2088612.819	6023848.218		2034.045	RS-700	-0.71670031447
14870	9/13/2019 8:09:55		-122.359	37.716	2088612.818	6023848.247		2118.867	RS-700	-0.18322459120
14871	9/13/2019 8:09:56		-122.359	37.716	2088612.782	6023848.246		2041.524	RS-700	-0.66965937107
14872	9/13/2019 8:09:57		-122.359	37.716	2088612.819	6023848.189		2096.275	RS-700	-0.32531465409
14873	9/13/2019 8:09:58		-122.359	37.716	2088612.746	6023848.216		2144.980	RS-700	-0.01899452830
14874	9/13/2019 8:09:59		-122.359	37.716	2088612.451	6023848.413		2084.475	RS-700	-0.39952842767
14875	9/13/2019 8:10:00		-122.359	37.716	2088611.382	6023849.057		2002.017	RS-700	-0.91813515723
14876	9/13/2019 8:10:01		-122.359	37.716	2088609.797	6023849.980		2168.776	RS-700	0.13066553459
14877	9/13/2019 8:10:02		-122.359	37.716	2088608.322	6023850.906		2167.872	RS-700	0.12498182390
14878	9/13/2019 8:10:03		-122.359	37.716	2088606.734	6023852.002		2130.761	RS-700	-0.10842182390
14879	9/13/2019 8:10:04		-122.359	37.716	2088604.997	6023853.270		2181.566	RS-700	0.21110622642
14880	9/13/2019 8:10:05		-122.359	37.716	2088603.299	6023854.422		2139.875	RS-700	-0.05109861635
14881	9/13/2019 8:10:06		-122.359	37.716	2088601.821	6023855.492		2226.460	RS-700	0.49345817610
14882	9/13/2019 8:10:07		-122.359	37.716	2088600.523	6023856.652		2127.655	RS-700	-0.12795880503
14883	9/13/2019 8:10:08		-122.359	37.716	2088599.483	6023857.702		2134.553	RS-700	-0.08457000000

Gamma Scan Survey Results
Survey Unit 4 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
14884	9/13/2019 8:10:09		-122.359	37.716	2088598.004	6023858.830		2122.545	RS-700	-0.16009163522
14885	9/13/2019 8:10:10		-122.359	37.716	2088596.300	6023860.243		2214.900	RS-700	0.42075415094
14886	9/13/2019 8:10:11		-122.359	37.716	2088594.891	6023861.546		2119.545	RS-700	-0.17896037736
14887	9/13/2019 8:10:12		-122.359	37.716	2088593.813	6023862.624		2207.888	RS-700	0.37665515723
14888	9/13/2019 8:10:13		-122.359	37.716	2088592.810	6023863.587		2186.673	RS-700	0.24322503145
14889	9/13/2019 8:10:14		-122.359	37.716	2088591.586	6023864.749		2168.669	RS-700	0.12999327044
14890	9/13/2019 8:10:15		-122.359	37.716	2088590.433	6023865.912		2205.452	RS-700	0.36133094340
14891	9/13/2019 8:10:16		-122.359	37.716	2088589.353	6023867.135		2204.793	RS-700	0.35718849057
14892	9/13/2019 8:10:17		-122.359	37.716	2088588.419	6023868.331		2054.734	RS-700	-0.58657641509
14893	9/13/2019 8:10:18		-122.359	37.716	2088587.669	6023869.416		2105.637	RS-700	-0.26643113208
14894	9/13/2019 8:10:19		-122.359	37.716	2088586.847	6023870.470		2088.643	RS-700	-0.37331654088
14895	9/13/2019 8:10:20		-122.359	37.716	2088585.691	6023871.836		2156.419	RS-700	0.05294855346
14896	9/13/2019 8:10:21		-122.359	37.716	2088583.950	6023873.305		2133.873	RS-700	-0.08884974843
14897	9/13/2019 8:10:22		-122.359	37.716	2088581.880	6023874.827		2073.328	RS-700	-0.46963471698
14898	9/13/2019 8:10:23		-122.359	37.716	2088579.994	6023876.265		2157.623	RS-700	0.06052421384
14899	9/13/2019 8:10:24		-122.359	37.716	2088577.887	6023877.843		2122.551	RS-700	-0.16005635220
14900	9/13/2019 8:10:25		-122.359	37.716	2088575.518	6023879.763		2075.439	RS-700	-0.45635767296
14901	9/13/2019 8:10:26		-122.359	37.716	2088573.115	6023881.538		2140.766	RS-700	-0.04549679245
14902	9/13/2019 8:10:27		-122.359	37.716	2088570.780	6023883.575		2216.019	RS-700	0.42779308176
14903	9/13/2019 8:10:28		-122.359	37.716	2088568.376	6023885.436		2157.564	RS-700	0.06015150943
14904	9/13/2019 8:10:29		-122.359	37.716	2088566.266	6023887.188		2244.466	RS-700	0.60670301887
14905	9/13/2019 8:10:30		-122.359	37.716	2088564.406	6023889.118		2272.151	RS-700	0.78082515723
14906	9/13/2019 8:10:31		-122.359	37.716	2088562.765	6023891.053		2310.930	RS-700	1.02471679245
14907	9/13/2019 8:10:32		-122.359	37.716	2088561.706	6023893.028		2243.694	RS-700	0.60184660377
14908	9/13/2019 8:10:33		-122.359	37.716	2088560.869	6023894.863		2279.392	RS-700	0.82636333333
14909	9/13/2019 8:10:34		-122.359	37.716	2088559.735	6023896.924		2271.037	RS-700	0.77381610063
14910	9/13/2019 8:10:35		-122.359	37.716	2088558.268	6023899.296		2176.998	RS-700	0.18237616352
14911	9/13/2019 8:10:36		-122.359	37.716	2088556.476	6023901.488		2214.905	RS-700	0.42078333333
14912	9/13/2019 8:10:37		-122.359	37.716	2088554.327	6023903.326		2172.660	RS-700	0.15509358491
14913	9/13/2019 8:10:38		-122.359	37.716	2088552.069	6023905.161		2224.130	RS-700	0.47880295598
14914	9/13/2019 8:10:39		-122.359	37.716	2088549.918	6023907.115		2210.903	RS-700	0.39561723270
14915	9/13/2019 8:10:40		-122.359	37.716	2088547.802	6023909.156		2312.169	RS-700	1.03250955975
14916	9/13/2019 8:10:41		-122.359	37.716	2088545.755	6023911.372		2264.037	RS-700	0.72979503145
14917	9/13/2019 8:10:42		-122.359	37.716	2088543.636	6023913.499		2294.273	RS-700	0.91995616352
14918	9/13/2019 8:10:43		-122.359	37.716	2088541.519	6023915.569		2329.833	RS-700	1.14360062893
14919	9/13/2019 8:10:44		-122.359	37.716	2088539.545	6023917.787		2298.824	RS-700	0.94857735849
14920	9/13/2019 8:10:45		-122.359	37.716	2088537.717	6023919.978		2337.065	RS-700	1.18908823899
14921	9/13/2019 8:10:46		-122.359	37.716	2088535.998	6023922.200		2059.730	RS-700	-0.55515761006
14922	9/13/2019 8:10:47		-122.359	37.716	2088534.279	6023924.394		2123.866	RS-700	-0.15178421384
14923	9/13/2019 8:10:48		-122.359	37.716	2088532.375	6023926.728		2226.457	RS-700	0.49343930818
14924	9/13/2019 8:10:49		-122.359	37.716	2088530.473	6023928.976		2280.245	RS-700	0.83172861635
14925	9/13/2019 8:10:50		-122.359	37.716	2088528.755	6023931.141		2089.380	RS-700	-0.36868000000
14926	9/13/2019 8:10:51		-122.359	37.716	2088527.145	6023933.336		2178.537	RS-700	0.19205603774
14927	9/13/2019 8:10:52		-122.359	37.716	2088525.422	6023935.761		2256.577	RS-700	0.68287459120
14928	9/13/2019 8:10:53		-122.359	37.716	2088523.806	6023938.275		2299.130	RS-700	0.95050006289
14929	9/13/2019 8:10:54		-122.359	37.716	2088522.442	6023940.910		2210.795	RS-700	0.39493421384
14930	9/13/2019 8:10:55		-122.359	37.716	2088521.159	6023943.170		2137.661	RS-700	-0.06502333333
14931	9/13/2019 8:10:56		-122.359	37.716	2088519.915	6023945.315		2166.876	RS-700	0.11871584906
14932	9/13/2019 8:10:57		-122.359	37.716	2088518.673	6023947.344		2171.986	RS-700	0.15085710692
14933	9/13/2019 8:10:58		-122.359	37.716	2088516.958	6023949.306		2122.864	RS-700	-0.15809081761
14934	9/13/2019 8:10:59		-122.359	37.716	2088514.663	6023951.170		2117.874	RS-700	-0.18947056604
14935	9/13/2019 8:11:00		-122.359	37.716	2088512.078	6023952.999		2101.642	RS-700	-0.29156213837
14936	9/13/2019 8:11:01		-122.359	37.716	2088509.457	6023954.770		2156.987	RS-700	0.05652308176
14937	9/13/2019 8:11:02		-122.359	37.716	2088507.382	6023956.551		2211.100	RS-700	0.39685572327
14938	9/13/2019 8:11:03		-122.359	37.716	2088505.632	6023958.484		2179.895	RS-700	0.20059672956
14939	9/13/2019 8:11:04		-122.359	37.716	2088503.950	6023960.620		2200.119	RS-700	0.32779157233
14940	9/13/2019 8:11:05		-122.359	37.716	2088502.013	6023962.809		2225.797	RS-700	0.48928955975
14941	9/13/2019 8:11:06		-122.359	37.716	2088500.411	6023964.629		2224.574	RS-700	0.48160012579
14942	9/13/2019 8:11:07		-122.359	37.716	2088499.138	6023966.398		2215.569	RS-700	0.42496163522
14943	9/13/2019 8:11:08		-122.359	37.716	2088497.719	6023968.163		2210.013	RS-700	0.39001830189
14944	9/13/2019 8:11:09		-122.359	37.716	2088496.263	6023969.957		2122.866	RS-700	-0.15807597484

Gamma Scan Survey Results
Survey Unit 4 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
14945	9/13/2019 8:11:10		-122.359	37.716	2088494.844	6023971.693		2131.658	RS-700	-0.10277955975
14946	9/13/2019 8:11:11		-122.359	37.716	2088493.239	6023973.658		2095.861	RS-700	-0.32792037736
14947	9/13/2019 8:11:12		-122.359	37.716	2088491.776	6023975.827		2152.556	RS-700	0.02865515723
14948	9/13/2019 8:11:13		-122.359	37.716	2088490.281	6023977.765		2130.662	RS-700	-0.10904182390
14949	9/13/2019 8:11:14		-122.359	37.716	2088489.046	6023979.390		2202.569	RS-700	0.34320289308
14950	9/13/2019 8:11:15		-122.359	37.716	2088487.886	6023980.958		2121.550	RS-700	-0.16635264151
14951	9/13/2019 8:11:16		-122.359	37.716	2088486.650	6023982.698		2167.989	RS-700	0.12571522013
14952	9/13/2019 8:11:17		-122.359	37.716	2088485.487	6023984.411		2144.979	RS-700	-0.01899937107
14953	9/13/2019 8:11:18		-122.359	37.716	2088484.357	6023986.298		2198.552	RS-700	0.31793641509
14954	9/13/2019 8:11:19		-122.359	37.716	2088483.703	6023988.049		2225.018	RS-700	0.48439000000
14955	9/13/2019 8:11:20		-122.359	37.716	2088483.411	6023989.895		2252.018	RS-700	0.65419849057
14956	9/13/2019 8:11:21		-122.359	37.716	2088483.162	6023991.453		2200.007	RS-700	0.32708867925
14957	9/13/2019 8:11:22		-122.359	37.716	2088482.510	6023993.089		2232.912	RS-700	0.53403716981
14958	9/13/2019 8:11:23		-122.359	37.716	2088481.200	6023994.885		2192.227	RS-700	0.27816000000
14959	9/13/2019 8:11:24		-122.359	37.716	2088479.451	6023996.760		2178.334	RS-700	0.19077691824
14960	9/13/2019 8:11:25		-122.359	37.716	2088477.598	6023998.372		2280.254	RS-700	0.83178415094
14961	9/13/2019 8:11:26		-122.359	37.716	2088475.899	6023999.582		2272.271	RS-700	0.78158037736
14962	9/13/2019 8:11:27		-122.359	37.716	2088474.091	6024000.762		2153.349	RS-700	0.03364213836
14963	9/13/2019 8:11:28		-122.359	37.716	2088472.459	6024002.234		2108.435	RS-700	-0.24883886793
14964	9/13/2019 8:11:29		-122.359	37.716	2088470.929	6024004.084		2180.343	RS-700	0.20341490566
14965	9/13/2019 8:11:30		-122.359	37.716	2088469.652	6024006.026		2098.543	RS-700	-0.31105213837
14966	9/13/2019 8:11:31		-122.359	37.716	2088468.704	6024007.916		2178.243	RS-700	0.19020672956
14967	9/13/2019 8:11:32		-122.359	37.716	2088467.757	6024009.749		2127.547	RS-700	-0.12863320755
14968	9/13/2019 8:11:33		-122.359	37.716	2088466.849	6024011.467		2117.500	RS-700	-0.19182339623
14969	9/13/2019 8:11:34		-122.359	37.716	2088465.686	6024013.180		2086.535	RS-700	-0.38657113208
14970	9/13/2019 8:11:35		-122.359	37.716	2088464.375	6024015.005		2076.537	RS-700	-0.44945459120
14971	9/13/2019 8:11:36		-122.359	37.716	2088462.881	6024016.914		2152.311	RS-700	0.02711622642
14972	9/13/2019 8:11:37		-122.359	37.716	2088461.429	6024018.505		2085.628	RS-700	-0.39227490566
14973	9/13/2019 8:11:38		-122.359	37.716	2088459.941	6024020.067		2113.762	RS-700	-0.21533339623
14974	9/13/2019 8:11:39		-122.359	37.716	2088458.271	6024021.625		2195.008	RS-700	0.29564647799
14975	9/13/2019 8:11:40		-122.359	37.716	2088456.415	6024023.382		2193.676	RS-700	0.28726779874
14976	9/13/2019 8:11:41		-122.359	37.716	2088454.593	6024025.255		2123.974	RS-700	-0.15110566038
14977	9/13/2019 8:11:42		-122.359	37.716	2088452.809	6024027.071		2081.153	RS-700	-0.42041842767
14978	9/13/2019 8:11:43		-122.359	37.716	2088451.205	6024029.006		2108.759	RS-700	-0.24680132076
14979	9/13/2019 8:11:44		-122.359	37.716	2088449.636	6024030.971		2046.245	RS-700	-0.63996943396
14980	9/13/2019 8:11:45		-122.359	37.716	2088448.210	6024033.113		2063.298	RS-700	-0.53272012579
14981	9/13/2019 8:11:46		-122.359	37.716	2088447.368	6024035.150		2106.541	RS-700	-0.26074672956
14982	9/13/2019 8:11:47		-122.359	37.716	2088447.112	6024037.055		2113.865	RS-700	-0.21468792453
14983	9/13/2019 8:11:48		-122.359	37.716	2088446.892	6024038.960		2080.058	RS-700	-0.42730962264
14984	9/13/2019 8:11:49		-122.359	37.716	2088446.311	6024040.713		2116.390	RS-700	-0.19880559748
14985	9/13/2019 8:11:50		-122.359	37.716	2088445.364	6024042.517		2039.531	RS-700	-0.68219704403
14986	9/13/2019 8:11:51		-122.359	37.716	2088443.875	6024044.136		2099.754	RS-700	-0.30343163522
14987	9/13/2019 8:11:52		-122.359	37.716	2088442.059	6024045.720		2095.374	RS-700	-0.33097805031
14988	9/13/2019 8:11:53		-122.359	37.716	2088440.243	6024047.304		2062.154	RS-700	-0.53991220126
14989	9/13/2019 8:11:54		-122.359	37.716	2088439.151	6024049.134		2113.853	RS-700	-0.21476245283
14990	9/13/2019 8:11:55		-122.359	37.716	2088438.495	6024051.002		2042.945	RS-700	-0.66072289308
14991	9/13/2019 8:11:56		-122.359	37.716	2088438.278	6024052.762		2002.719	RS-700	-0.91371748428
14992	9/13/2019 8:11:57		-122.359	37.716	2088438.135	6024054.437		2101.967	RS-700	-0.28951792453
14993	9/13/2019 8:11:58		-122.359	37.716	2088437.960	6024055.909		2144.763	RS-700	-0.02036069182
14994	9/13/2019 8:11:59		-122.359	37.716	2088437.901	6024057.037		2101.750	RS-700	-0.29088106918
14995	9/13/2019 8:12:00		-122.359	37.716	2088437.937	6024057.095		2124.975	RS-700	-0.14480962264
14996	9/13/2019 8:12:01		-122.359	37.716	2088437.939	6024056.950		2117.857	RS-700	-0.18957628931
14997	9/13/2019 8:12:02		-122.359	37.716	2088437.937	6024057.095		2119.780	RS-700	-0.17748345912
14998	9/13/2019 8:12:03		-122.359	37.716	2088437.896	6024057.297		2084.057	RS-700	-0.40215591195
14999	9/13/2019 8:12:04		-122.359	37.716	2088437.894	6024057.384		2020.930	RS-700	-0.79918459120
15000	9/13/2019 8:12:05		-122.359	37.716	2088437.896	6024057.297		2134.615	RS-700	-0.08418163522
15001	9/13/2019 8:12:06		-122.359	37.716	2088437.931	6024057.384		2021.728	RS-700	-0.79416591195
15002	9/13/2019 8:12:07		-122.359	37.716	2088438.026	6024058.081		2013.705	RS-700	-0.84462132076
15003	9/13/2019 8:12:08		-122.359	37.716	2088438.549	6024059.248		2113.439	RS-700	-0.21736666667
15004	9/13/2019 8:12:09		-122.359	37.716	2088439.506	6024060.598		2113.074	RS-700	-0.21965830189
15005	9/13/2019 8:12:10		-122.359	37.716	2088440.793	6024061.781		2028.421	RS-700	-0.75206616352

Gamma Scan Survey Results
Survey Unit 4 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
15006	9/13/2019 8:12:11		-122.359	37.716	2088442.227	6024062.966		2116.965	RS-700	-0.19518616352
15007	9/13/2019 8:12:12		-122.359	37.716	2088443.593	6024063.862		1946.406	RS-700	-1.26788698113
15008	9/13/2019 8:12:13		-122.359	37.716	2088444.963	6024064.554		2004.029	RS-700	-0.90547949686
15009	9/13/2019 8:12:14		-122.359	37.716	2088446.371	6024065.190		2101.226	RS-700	-0.29417867925
15010	9/13/2019 8:12:15		-122.359	37.716	2088447.380	6024065.702		2011.339	RS-700	-0.85950339623
15011	9/13/2019 8:12:16		-122.359	37.716	2088447.669	6024065.823		2072.050	RS-700	-0.47767088050
15012	9/13/2019 8:12:17		-122.359	37.716	2088447.489	6024065.733		2055.839	RS-700	-0.57962610063
15013	9/13/2019 8:12:18		-122.359	37.716	2088447.453	6024065.703		2051.838	RS-700	-0.60479358491
15014	9/13/2019 8:12:19		-122.359	37.716	2088447.454	6024065.674		2038.601	RS-700	-0.68804597484
15015	9/13/2019 8:12:20		-122.359	37.716	2088447.417	6024065.702		1959.800	RS-700	-1.18364584906
15016	9/13/2019 8:12:21		-122.359	37.716	2088447.417	6024065.673		2106.440	RS-700	-0.26138540881
15017	9/13/2019 8:12:22		-122.359	37.716	2088447.381	6024065.644		2041.142	RS-700	-0.67206245283
15018	9/13/2019 8:12:23		-122.359	37.716	2088447.382	6024065.615		2048.142	RS-700	-0.62803635220
15019	9/13/2019 8:12:24		-122.359	37.716	2088447.382	6024065.615		2002.925	RS-700	-0.91242327044
15020	9/13/2019 8:12:25		-122.359	37.716	2088447.346	6024065.614		2055.221	RS-700	-0.58351597484
15021	9/13/2019 8:12:26		-122.359	37.716	2088447.346	6024065.585		1996.610	RS-700	-0.95213698113
15022	9/13/2019 8:12:27		-122.359	37.716	2088447.310	6024065.556		2026.730	RS-700	-0.76270289308
15023	9/13/2019 8:12:28		-122.359	37.716	2088447.310	6024065.556		1999.835	RS-700	-0.93185566038
15024	9/13/2019 8:12:29		-122.359	37.716	2088447.274	6024065.526		2110.233	RS-700	-0.23752540881
15025	9/13/2019 8:12:30		-122.359	37.716	2088447.238	6024065.525		1976.914	RS-700	-1.07601301887
15026	9/13/2019 8:12:31		-122.359	37.716	2088447.238	6024065.525		1970.713	RS-700	-1.11501477987
15027	9/13/2019 8:12:32		-122.359	37.716	2088447.202	6024065.495		1929.982	RS-700	-1.37118226415
15028	9/13/2019 8:12:33		-122.359	37.716	2088447.166	6024065.466		2011.723	RS-700	-0.85708924528
15029	9/13/2019 8:12:34		-122.359	37.716	2088447.167	6024065.437		1986.604	RS-700	-1.01506955975
15030	9/13/2019 8:12:35		-122.359	37.716	2088447.167	6024065.437		2086.268	RS-700	-0.38825176101
15031	9/13/2019 8:12:36		-122.359	37.716	2088447.131	6024065.407		1975.711	RS-700	-1.08357704403
15032	9/13/2019 8:12:37		-122.359	37.716	2088447.095	6024065.407		2022.033	RS-700	-0.79224767296
15033	9/13/2019 8:12:38		-122.359	37.716	2088447.095	6024065.378		2085.584	RS-700	-0.39255301887
15034	9/13/2019 8:12:39		-122.359	37.716	2088447.095	6024065.378		1926.780	RS-700	-1.39132081761
15035	9/13/2019 8:12:40		-122.359	37.716	2088447.059	6024065.348		1989.518	RS-700	-0.99674157233
15036	9/13/2019 8:12:41		-122.359	37.716	2088447.060	6024065.319		2077.051	RS-700	-0.44621811321
15037	9/13/2019 8:12:42		-122.359	37.716	2088447.061	6024065.290		2121.778	RS-700	-0.16491867925
15038	9/13/2019 8:12:43		-122.359	37.716	2088447.025	6024065.261		1906.497	RS-700	-1.51888867925
15039	9/13/2019 8:12:44		-122.359	37.716	2088446.989	6024065.231		2083.157	RS-700	-0.40781584906
15040	9/13/2019 8:12:45		-122.359	37.716	2088446.989	6024065.231		1987.515	RS-700	-1.00934257862
15041	9/13/2019 8:12:46		-122.359	37.716	2088446.990	6024065.202		1975.810	RS-700	-1.08295408805
15042	9/13/2019 8:12:47		-122.359	37.716	2088446.954	6024065.172		2077.846	RS-700	-0.44121911950
15043	9/13/2019 8:12:48		-122.359	37.716	2088446.954	6024065.172		2103.636	RS-700	-0.27902018868
15044	9/13/2019 8:12:49		-122.359	37.716	2088446.954	6024065.172		2018.121	RS-700	-0.81684918239
15045	9/13/2019 8:12:50		-122.359	37.716	2088446.918	6024065.143		1960.896	RS-700	-1.17675672956
15046	9/13/2019 8:12:51		-122.359	37.716	2088446.954	6024065.143		2107.855	RS-700	-0.25248672956
15047	9/13/2019 8:12:52		-122.359	37.716	2088446.918	6024065.114		2010.829	RS-700	-0.86270805031
15048	9/13/2019 8:12:53		-122.359	37.716	2088446.918	6024065.114		2043.945	RS-700	-0.65443232704
15049	9/13/2019 8:12:54		-122.359	37.716	2088446.919	6024065.085		1998.410	RS-700	-0.94081918239
15050	9/13/2019 8:12:55		-122.359	37.716	2088446.847	6024065.054		2051.325	RS-700	-0.60802132076
15051	9/13/2019 8:12:56		-122.359	37.716	2088446.847	6024065.054		2010.923	RS-700	-0.86212069182
15052	9/13/2019 8:12:57		-122.359	37.716	2088446.847	6024065.054		2027.615	RS-700	-0.75713698113
15053	9/13/2019 8:12:58		-122.359	37.716	2088446.847	6024065.026		2012.214	RS-700	-0.85399735849
15054	9/13/2019 8:12:59		-122.359	37.716	2088446.812	6024064.996		1996.214	RS-700	-0.95463201258
15055	9/13/2019 8:13:00		-122.359	37.716	2088446.775	6024064.995		2097.964	RS-700	-0.31469452830
15056	9/13/2019 8:13:01		-122.359	37.716	2088446.775	6024064.995		2071.637	RS-700	-0.48027188679
15057	9/13/2019 8:13:02		-122.359	37.716	2088446.776	6024064.966		2006.716	RS-700	-0.88857918239
15058	9/13/2019 8:13:03		-122.359	37.716	2088446.775	6024064.995		2066.829	RS-700	-0.51050880503
15059	9/13/2019 8:13:04		-122.359	37.716	2088446.740	6024064.908		1979.412	RS-700	-1.06030440252
15060	9/13/2019 8:13:05		-122.359	37.716	2088446.993	6024065.028		2095.749	RS-700	-0.32862283019
15061	9/13/2019 8:13:06		-122.359	37.716	2088448.038	6024065.599		2218.112	RS-700	0.44095396226
15062	9/13/2019 8:13:07		-122.359	37.716	2088449.701	6024066.211		2056.738	RS-700	-0.57397213837
15063	9/13/2019 8:13:08		-122.359	37.716	2088451.548	6024066.710		2057.841	RS-700	-0.56703685535
15064	9/13/2019 8:13:09		-122.359	37.716	2088453.908	6024067.075		2018.122	RS-700	-0.81684471698
15065	9/13/2019 8:13:10		-122.359	37.716	2088456.406	6024067.819		2095.146	RS-700	-0.33241647799
15066	9/13/2019 8:13:11		-122.359	37.716	2088458.679	6024068.935		2094.855	RS-700	-0.33424364780

Gamma Scan Survey Results
Survey Unit 4 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
15067	9/13/2019 8:13:12		-122.359	37.716	2088460.693	6024070.190		2040.629	RS-700	-0.67528849057
15068	9/13/2019 8:13:13		-122.359	37.716	2088462.630	6024071.675		2035.422	RS-700	-0.70803603774
15069	9/13/2019 8:13:14		-122.359	37.716	2088464.609	6024072.900		2022.727	RS-700	-0.78788232704
15070	9/13/2019 8:13:15		-122.359	37.716	2088466.700	6024073.983		2015.326	RS-700	-0.83442886793
15071	9/13/2019 8:13:16		-122.359	37.716	2088469.129	6024074.524		2079.223	RS-700	-0.43255981132
15072	9/13/2019 8:13:17		-122.359	37.716	2088471.650	6024074.140		2100.880	RS-700	-0.29635377359
15073	9/13/2019 8:13:18		-122.359	37.716	2088473.491	6024073.106		2060.048	RS-700	-0.55315591195
15074	9/13/2019 8:13:19		-122.359	37.716	2088474.469	6024071.563		2002.018	RS-700	-0.91812786164
15075	9/13/2019 8:13:20		-122.359	37.716	2088474.797	6024069.689		2001.019	RS-700	-0.92440622642
15076	9/13/2019 8:13:21		-122.359	37.716	2088474.732	6024067.489		2034.730	RS-700	-0.71239257862
15077	9/13/2019 8:13:22		-122.359	37.716	2088474.517	6024065.488		2173.104	RS-700	0.15788528302
15078	9/13/2019 8:13:23		-122.359	37.716	2088474.740	6024063.410		2176.655	RS-700	0.18021937107
15079	9/13/2019 8:13:24		-122.359	37.716	2088475.695	6024061.172		2080.330	RS-700	-0.42559742138
15080	9/13/2019 8:13:25		-122.359	37.716	2088476.634	6024059.715		2103.541	RS-700	-0.27961421384
15081	9/13/2019 8:13:26		-122.359	37.716	2088476.709	6024059.601		2056.841	RS-700	-0.57332735849
15082	9/13/2019 8:13:27		-122.359	37.716	2088476.672	6024059.658		1952.794	RS-700	-1.22771157233
15083	9/13/2019 8:13:28		-122.359	37.716	2088476.671	6024059.687		2179.670	RS-700	0.19918440252
15084	9/13/2019 8:13:29		-122.359	37.716	2088476.671	6024059.687		2120.329	RS-700	-0.17403421384
15085	9/13/2019 8:13:30		-122.359	37.716	2088476.671	6024059.687		2091.856	RS-700	-0.35310880503
15086	9/13/2019 8:13:31		-122.359	37.716	2088476.671	6024059.687		2128.447	RS-700	-0.12297213837
15087	9/13/2019 8:13:32		-122.359	37.716	2088476.671	6024059.687		2111.548	RS-700	-0.22925767296
15088	9/13/2019 8:13:33		-122.359	37.716	2088476.635	6024059.658		2189.901	RS-700	0.26352584906
15089	9/13/2019 8:13:34		-122.359	37.716	2088476.671	6024059.687		2098.543	RS-700	-0.31105006289
15090	9/13/2019 8:13:35		-122.359	37.716	2088476.671	6024059.687		2169.755	RS-700	0.13682691824
15091	9/13/2019 8:13:36		-122.359	37.716	2088476.895	6024059.402		2111.758	RS-700	-0.22793503145
15092	9/13/2019 8:13:37		-122.359	37.716	2088478.050	6024058.094		2058.048	RS-700	-0.56573742138
15093	9/13/2019 8:13:38		-122.359	37.716	2088479.789	6024056.740		2009.315	RS-700	-0.87223251572
15094	9/13/2019 8:13:39		-122.359	37.716	2088481.782	6024055.391		2137.558	RS-700	-0.06567031447
15095	9/13/2019 8:13:40		-122.359	37.716	2088484.135	6024054.281		2082.742	RS-700	-0.41042779874
15096	9/13/2019 8:13:41		-122.359	37.716	2088486.526	6024053.084		2098.172	RS-700	-0.31338333333
15097	9/13/2019 8:13:42		-122.359	37.716	2088488.807	6024051.914		2176.784	RS-700	0.18103383648
15098	9/13/2019 8:13:43		-122.359	37.716	2088490.837	6024050.566		2039.138	RS-700	-0.68466477987
15099	9/13/2019 8:13:44		-122.359	37.716	2088492.620	6024048.837		2083.067	RS-700	-0.40838528302
15100	9/13/2019 8:13:45		-122.359	37.716	2088494.623	6024046.996		2168.096	RS-700	0.12638685535
15101	9/13/2019 8:13:46		-122.359	37.716	2088496.622	6024045.387		2170.216	RS-700	0.13972484277
15102	9/13/2019 8:13:47		-122.359	37.716	2088498.258	6024043.683		2115.754	RS-700	-0.20280270440
15103	9/13/2019 8:13:48		-122.359	37.716	2088499.750	6024041.890		2164.536	RS-700	0.10400308176
15104	9/13/2019 8:13:49		-122.359	37.716	2088501.095	6024040.210		2234.354	RS-700	0.54310805031
15105	9/13/2019 8:13:50		-122.359	37.716	2088502.328	6024038.643		2144.446	RS-700	-0.02235408805
15106	9/13/2019 8:13:51		-122.359	37.716	2088503.743	6024037.051		2159.100	RS-700	0.06981132075
15107	9/13/2019 8:13:52		-122.359	37.716	2088504.977	6024035.456		2147.327	RS-700	-0.00423106918
15108	9/13/2019 8:13:53		-122.359	37.716	2088506.067	6024033.742		2247.919	RS-700	0.62842075472
15109	9/13/2019 8:13:54		-122.359	37.716	2088507.268	6024031.943		2223.341	RS-700	0.47384251572
15110	9/13/2019 8:13:55		-122.359	37.716	2088508.730	6024029.831		2273.603	RS-700	0.78995584906
15111	9/13/2019 8:13:56		-122.359	37.716	2088510.191	6024027.777		2204.011	RS-700	0.35226836478
15112	9/13/2019 8:13:57		-122.359	37.716	2088511.103	6024025.886		2237.579	RS-700	0.56338823899
15113	9/13/2019 8:13:58		-122.359	37.716	2088511.827	6024024.251		2209.685	RS-700	0.38795433962
15114	9/13/2019 8:13:59		-122.359	37.716	2088512.403	6024022.758		2168.563	RS-700	0.12932389937
15115	9/13/2019 8:14:00		-122.359	37.716	2088513.455	6024021.159		2098.960	RS-700	-0.30843006289
15116	9/13/2019 8:14:01		-122.359	37.716	2088514.873	6024019.422		2162.774	RS-700	0.09291509434
15117	9/13/2019 8:14:02		-122.359	37.716	2088516.651	6024017.924		2140.978	RS-700	-0.04416622642
15118	9/13/2019 8:14:03		-122.359	37.716	2088518.569	6024016.718		2215.695	RS-700	0.42575333333
15119	9/13/2019 8:14:04		-122.359	37.716	2088520.122	6024015.534		2177.895	RS-700	0.18802018868
15120	9/13/2019 8:14:05		-122.359	37.716	2088521.863	6024014.064		2138.976	RS-700	-0.05675484277
15121	9/13/2019 8:14:06		-122.359	37.716	2088523.678	6024012.538		2233.129	RS-700	0.53539937107
15122	9/13/2019 8:14:07		-122.359	37.716	2088525.608	6024010.725		2159.771	RS-700	0.07402968553
15123	9/13/2019 8:14:08		-122.359	37.716	2088527.024	6024009.075		2208.567	RS-700	0.38092289308
15124	9/13/2019 8:14:09		-122.359	37.716	2088528.297	6024007.335		2109.068	RS-700	-0.24485779874
15125	9/13/2019 8:14:10		-122.359	37.716	2088529.386	6024005.679		2138.871	RS-700	-0.05741389937
15126	9/13/2019 8:14:11		-122.359	37.716	2088530.433	6024004.311		2141.828	RS-700	-0.03881905660
15127	9/13/2019 8:14:12		-122.359	37.716	2088531.624	6024003.004		2080.748	RS-700	-0.42297157233

Gamma Scan Survey Results
Survey Unit 4 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
15128	9/13/2019 8:14:13		-122.359	37.716	2088532.511	6024002.356		2143.777	RS-700	-0.02656201258
15129	9/13/2019 8:14:14		-122.359	37.716	2088532.584	6024002.387		2082.475	RS-700	-0.41210591195
15130	9/13/2019 8:14:15		-122.359	37.716	2088532.436	6024002.470		2044.711	RS-700	-0.64961616352
15131	9/13/2019 8:14:16		-122.359	37.716	2088532.436	6024002.470		2184.001	RS-700	0.22641981132
15132	9/13/2019 8:14:17		-122.359	37.716	2088532.952	6024002.162		2167.117	RS-700	0.12023465409
15133	9/13/2019 8:14:18		-122.359	37.716	2088534.173	6024001.232		2150.775	RS-700	0.01745157233
15134	9/13/2019 8:14:19		-122.359	37.716	2088535.468	6024000.187		2031.626	RS-700	-0.73191213837
15135	9/13/2019 8:14:20		-122.359	37.716	2088536.067	6023999.389		2196.457	RS-700	0.30475811321
15136	9/13/2019 8:14:21		-122.359	37.716	2088535.992	6023999.474		2203.903	RS-700	0.35159125786
15137	9/13/2019 8:14:22		-122.359	37.716	2088535.879	6023999.646		2209.373	RS-700	0.38599213837
15138	9/13/2019 8:14:23		-122.359	37.716	2088535.879	6023999.675		2149.895	RS-700	0.01191553459
15139	9/13/2019 8:14:24		-122.359	37.716	2088535.915	6023999.675		2187.899	RS-700	0.25093660377
15140	9/13/2019 8:14:25		-122.359	37.716	2088535.916	6023999.646		2130.441	RS-700	-0.11043100629
15141	9/13/2019 8:14:26		-122.359	37.716	2088535.991	6023999.503		2114.762	RS-700	-0.20904100629
15142	9/13/2019 8:14:27		-122.359	37.716	2088536.854	6023998.247		2103.863	RS-700	-0.27758849057
15143	9/13/2019 8:14:28		-122.359	37.716	2088537.796	6023996.675		2180.889	RS-700	0.20685169811
15144	9/13/2019 8:14:29		-122.359	37.716	2088538.213	6023995.844		2137.429	RS-700	-0.06648509434
15145	9/13/2019 8:14:30		-122.359	37.716	2088538.253	6023995.643		2163.310	RS-700	0.09628823899
15146	9/13/2019 8:14:31		-122.359	37.716	2088538.290	6023995.643		2206.226	RS-700	0.36620415094
15147	9/13/2019 8:14:32		-122.359	37.716	2088538.290	6023995.614		2191.567	RS-700	0.27400716981
15148	9/13/2019 8:14:33		-122.359	37.716	2088538.896	6023994.469		2234.134	RS-700	0.54172616352
15149	9/13/2019 8:14:34		-122.359	37.716	2088539.991	6023992.495		2277.930	RS-700	0.81716905660
15150	9/13/2019 8:14:35		-122.359	37.716	2088541.233	6023990.494		2264.587	RS-700	0.73325006289
15151	9/13/2019 8:14:36		-122.359	37.716	2088542.328	6023988.520		2159.188	RS-700	0.07036742138
15152	9/13/2019 8:14:37		-122.359	37.716	2088543.533	6023986.547		2226.580	RS-700	0.49421553459
15153	9/13/2019 8:14:38		-122.359	37.716	2088545.063	6023984.668		2187.451	RS-700	0.24811716981
15154	9/13/2019 8:14:39		-122.359	37.716	2088546.519	6023982.875		2226.492	RS-700	0.49366295598
15155	9/13/2019 8:14:40		-122.359	37.716	2088547.723	6023980.931		2255.499	RS-700	0.67609484277
15156	9/13/2019 8:14:41		-122.359	37.716	2088548.528	6023978.922		2133.972	RS-700	-0.08822578616
15157	9/13/2019 8:14:42		-122.359	37.716	2088549.112	6023977.024		2136.235	RS-700	-0.07399100629
15158	9/13/2019 8:14:43		-122.359	37.716	2088549.766	6023975.244		2093.641	RS-700	-0.34188088050
15159	9/13/2019 8:14:44		-122.359	37.716	2088550.676	6023973.439		2182.025	RS-700	0.21399144654
15160	9/13/2019 8:14:45		-122.359	37.716	2088551.986	6023971.671		2185.216	RS-700	0.23406270440
15161	9/13/2019 8:14:46		-122.359	37.716	2088553.911	6023970.118		2116.276	RS-700	-0.19952125786
15162	9/13/2019 8:14:47		-122.359	37.716	2088556.083	6023968.918		2185.995	RS-700	0.23896283019
15163	9/13/2019 8:14:48		-122.359	37.716	2088558.069	6023967.973		2072.361	RS-700	-0.47571496855
15164	9/13/2019 8:14:49		-122.359	37.716	2088559.468	6023967.191		2117.742	RS-700	-0.19030106918
15165	9/13/2019 8:14:50		-122.359	37.716	2088559.984	6023966.883		2173.016	RS-700	0.15733251572
15166	9/13/2019 8:14:51		-122.359	37.716	2088560.279	6023966.715		2131.447	RS-700	-0.10410955975
15167	9/13/2019 8:14:52		-122.359	37.716	2088561.390	6023965.783		2084.494	RS-700	-0.39941113208
15168	9/13/2019 8:14:53		-122.359	37.716	2088562.503	6023964.763		2060.737	RS-700	-0.54882540881
15169	9/13/2019 8:14:54		-122.359	37.716	2088563.589	6023963.252		2039.327	RS-700	-0.68347735849
15170	9/13/2019 8:14:55		-122.359	37.716	2088564.135	6023961.411		2083.951	RS-700	-0.40282698113
15171	9/13/2019 8:14:56		-122.359	37.716	2088564.500	6023959.538		2125.566	RS-700	-0.14109691824
15172	9/13/2019 8:14:57		-122.359	37.716	2088564.870	6023957.433		2141.199	RS-700	-0.04277477987
15173	9/13/2019 8:14:58		-122.359	37.716	2088565.346	6023955.475		2136.444	RS-700	-0.07267911950
15174	9/13/2019 8:14:59		-122.359	37.716	2088566.148	6023953.611		2182.219	RS-700	0.21521383648
15175	9/13/2019 8:15:00		-122.359	37.716	2088567.641	6023951.789		2329.171	RS-700	1.13944188679
15176	9/13/2019 8:15:01		-122.359	37.716	2088569.599	6023950.381		2196.684	RS-700	0.30618616352
15177	9/13/2019 8:15:02		-122.359	37.716	2088571.584	6023949.437		2190.568	RS-700	0.26772427673
15178	9/13/2019 8:15:03		-122.359	37.716	2088573.718	6023948.351		2192.891	RS-700	0.28233559748
15179	9/13/2019 8:15:04		-122.359	37.716	2088575.821	6023947.004		2210.134	RS-700	0.39077867925
15180	9/13/2019 8:15:05		-122.359	37.716	2088577.746	6023945.422		2218.122	RS-700	0.44101666667
15181	9/13/2019 8:15:06		-122.359	37.716	2088579.198	6023943.802		2181.226	RS-700	0.20896880503
15182	9/13/2019 8:15:07		-122.359	37.716	2088580.394	6023942.264		2058.433	RS-700	-0.56331402516
15183	9/13/2019 8:15:08		-122.359	37.716	2088581.371	6023940.750		2262.038	RS-700	0.71721773585
15184	9/13/2019 8:15:09		-122.359	37.716	2088582.503	6023938.805		2282.036	RS-700	0.84299415094
15185	9/13/2019 8:15:10		-122.359	37.716	2088583.780	6023936.834		2194.563	RS-700	0.29284666667
15186	9/13/2019 8:15:11		-122.359	37.716	2088585.019	6023934.978		2300.592	RS-700	0.95969836478
15187	9/13/2019 8:15:12		-122.359	37.716	2088585.893	6023933.115		2247.919	RS-700	0.62841880503
15188	9/13/2019 8:15:13		-122.359	37.716	2088586.219	6023931.386		2194.787	RS-700	0.29425641509

Gamma Scan Survey Results
Survey Unit 4 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
15189	9/13/2019 8:15:14		-122.359	37.716	2088586.280	6023930.143		2234.580	RS-700	0.54452823899
15190	9/13/2019 8:15:15		-122.359	37.716	2088586.334	6023929.247		2173.125	RS-700	0.15801572327
15191	9/13/2019 8:15:16		-122.359	37.716	2088586.395	6023928.004		2212.015	RS-700	0.40261301887
15192	9/13/2019 8:15:17		-122.359	37.716	2088586.978	6023926.193		2262.820	RS-700	0.72213603774
15193	9/13/2019 8:15:18		-122.359	37.716	2088588.257	6023924.136		2255.697	RS-700	0.67733805031
15194	9/13/2019 8:15:19		-122.359	37.716	2088590.040	6023922.377		2129.873	RS-700	-0.11400572327
15195	9/13/2019 8:15:20		-122.359	37.716	2088592.328	6023920.861		2181.580	RS-700	0.21119264151
15196	9/13/2019 8:15:21		-122.359	37.716	2088594.651	6023919.402		2146.981	RS-700	-0.00641132075
15197	9/13/2019 8:15:22		-122.359	37.716	2088596.685	6023917.880		2226.251	RS-700	0.49214289308
15198	9/13/2019 8:15:23		-122.359	37.716	2088598.543	6023915.979		2141.875	RS-700	-0.03852484277
15199	9/13/2019 8:15:24		-122.359	37.716	2088599.820	6023914.037		2027.824	RS-700	-0.75582283019
15200	9/13/2019 8:15:25		-122.359	37.716	2088600.734	6023912.030		2006.722	RS-700	-0.88854069182
15201	9/13/2019 8:15:26		-122.359	37.716	2088601.179	6023909.811		2038.638	RS-700	-0.68781018868
15202	9/13/2019 8:15:27		-122.359	37.716	2088601.112	6023907.669		2225.298	RS-700	0.48615000000
15203	9/13/2019 8:15:28		-122.359	37.716	2088600.846	6023906.391		2159.309	RS-700	0.07112352201
15204	9/13/2019 8:15:29		-122.359	37.716	2088600.317	6023905.512		2174.427	RS-700	0.16621006289
15205	9/13/2019 8:15:30		-122.359	37.716	2088600.139	6023905.306		2093.959	RS-700	-0.33987830189
15206	9/13/2019 8:15:31		-122.359	37.716	2088600.472	6023905.081		2207.119	RS-700	0.37182031447
15207	9/13/2019 8:15:32		-122.359	37.716	2088600.576	6023903.492		2003.723	RS-700	-0.90740358491
15208	9/13/2019 8:15:33		-122.359	37.716	2088601.526	6023901.486		2130.086	RS-700	-0.11266452830
15209	9/13/2019 8:15:34		-122.359	37.716	2088603.237	6023899.726		2109.062	RS-700	-0.24489427673
15210	9/13/2019 8:15:35		-122.359	37.716	2088605.374	6023898.467		2192.569	RS-700	0.28030805031
15211	9/13/2019 8:15:36		-122.359	37.716	2088607.176	6023897.577		1986.318	RS-700	-1.01686584906
15212	9/13/2019 8:15:37		-122.359	37.716	2088608.351	6023897.080		2074.054	RS-700	-0.46507232704
15213	9/13/2019 8:15:38		-122.359	37.716	2088608.901	6023896.917		2157.884	RS-700	0.06216389937
15214	9/13/2019 8:15:39		-122.359	37.716	2088608.937	6023896.918		2095.753	RS-700	-0.32860062893
15215	9/13/2019 8:15:40		-122.359	37.716	2088609.931	6023896.388		2208.903	RS-700	0.38303691824
15216	9/13/2019 8:15:41		-122.359	37.716	2088611.224	6023895.459		2163.882	RS-700	0.09988377358
15217	9/13/2019 8:15:42		-122.359	37.716	2088612.407	6023894.585		2113.330	RS-700	-0.21804905660
15218	9/13/2019 8:15:43		-122.359	37.716	2088612.924	6023894.220		2116.284	RS-700	-0.19947000000
15219	9/13/2019 8:15:44		-122.359	37.716	2088613.626	6023893.742		2120.435	RS-700	-0.17336559748
15220	9/13/2019 8:15:45		-122.359	37.716	2088614.221	6023893.088		2116.781	RS-700	-0.19634559748
15221	9/13/2019 8:15:46		-122.359	37.716	2088614.937	6023891.916		2175.541	RS-700	0.17321559748
15222	9/13/2019 8:15:47		-122.359	37.716	2088615.915	6023890.315		2159.313	RS-700	0.07114905660
15223	9/13/2019 8:15:48		-122.359	37.716	2088616.966	6023888.745		2189.564	RS-700	0.26141044025
15224	9/13/2019 8:15:49		-122.359	37.716	2088618.269	6023887.353		2170.897	RS-700	0.14400534591
15225	9/13/2019 8:15:50		-122.359	37.716	2088619.642	6023886.050		2154.776	RS-700	0.04261830189
15226	9/13/2019 8:15:51		-122.359	37.716	2088620.909	6023884.600		2157.987	RS-700	0.06281044025
15227	9/13/2019 8:15:52		-122.359	37.716	2088621.846	6023883.258		2087.224	RS-700	-0.38223949686
15228	9/13/2019 8:15:53		-122.359	37.716	2088622.499	6023881.565		2054.142	RS-700	-0.59030308176
15229	9/13/2019 8:15:54		-122.359	37.716	2088623.114	6023879.957		2096.333	RS-700	-0.32494823899
15230	9/13/2019 8:15:55		-122.359	37.716	2088623.949	6023878.237		2079.828	RS-700	-0.42875465409
15231	9/13/2019 8:15:56		-122.359	37.716	2088625.150	6023876.439		2061.075	RS-700	-0.54669660377
15232	9/13/2019 8:15:57		-122.359	37.716	2088626.637	6023874.906		2162.217	RS-700	0.08941314465
15233	9/13/2019 8:15:58		-122.359	37.716	2088628.164	6023873.229		2129.192	RS-700	-0.11829018868
15234	9/13/2019 8:15:59		-122.359	37.716	2088629.545	6023871.550		2183.345	RS-700	0.22229320755
15235	9/13/2019 8:16:00		-122.359	37.716	2088630.704	6023870.040		2244.931	RS-700	0.60962987421
15236	9/13/2019 8:16:01		-122.359	37.716	2088631.748	6023868.787		2200.914	RS-700	0.33279000000
15237	9/13/2019 8:16:02		-122.359	37.716	2088633.089	6023867.281		2143.666	RS-700	-0.02725930818
15238	9/13/2019 8:16:03		-122.359	37.716	2088634.540	6023865.747		2082.640	RS-700	-0.41106786164
15239	9/13/2019 8:16:04		-122.359	37.716	2088635.919	6023864.183		2060.739	RS-700	-0.54881056604
15240	9/13/2019 8:16:05		-122.359	37.716	2088637.079	6023862.615		2233.803	RS-700	0.53964314465
15241	9/13/2019 8:16:06		-122.359	37.716	2088638.055	6023861.130		2259.032	RS-700	0.69831402516
15242	9/13/2019 8:16:07		-122.359	37.716	2088639.030	6023859.703		2104.854	RS-700	-0.27135767296
15243	9/13/2019 8:16:08		-122.359	37.716	2088640.040	6023858.364		2166.102	RS-700	0.11385188679
15244	9/13/2019 8:16:09		-122.359	37.716	2088641.267	6023857.115		2219.244	RS-700	0.44807572327
15245	9/13/2019 8:16:10		-122.359	37.716	2088642.417	6023856.067		2163.316	RS-700	0.09632503145
15246	9/13/2019 8:16:11		-122.359	37.716	2088643.529	6023855.077		2251.256	RS-700	0.64940578616
15247	9/13/2019 8:16:12		-122.359	37.716	2088644.272	6023854.339		2280.363	RS-700	0.83247125786
15248	9/13/2019 8:16:13		-122.359	37.716	2088644.570	6023853.998		2230.573	RS-700	0.51932842767
15249	9/13/2019 8:16:14		-122.359	37.716	2088644.571	6023853.969		2216.451	RS-700	0.43050924528

Gamma Scan Survey Results
Survey Unit 4 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
15250	9/13/2019 8:16:15		-122.359	37.716	2088644.607	6023853.999		2317.945	RS-700	1.06883861635
15251	9/13/2019 8:16:16		-122.359	37.716	2088644.607	6023853.999		2177.676	RS-700	0.18663937107
15252	9/13/2019 8:16:17		-122.359	37.716	2088644.607	6023853.970		2246.693	RS-700	0.62071031447
15253	9/13/2019 8:16:18		-122.359	37.716	2088644.607	6023853.999		2274.926	RS-700	0.79827635220
15254	9/13/2019 8:16:19		-122.359	37.716	2088644.607	6023853.970		2261.500	RS-700	0.71383389937
15255	9/13/2019 8:16:20		-122.359	37.716	2088644.607	6023853.970		2230.903	RS-700	0.52140433962
15256	9/13/2019 8:16:21		-122.359	37.716	2088644.607	6023853.970		2224.129	RS-700	0.47879830189
15257	9/13/2019 8:16:22		-122.359	37.716	2088644.607	6023853.999		2256.134	RS-700	0.68008591195
15258	9/13/2019 8:16:23		-122.359	37.716	2088644.643	6023854.000		2221.685	RS-700	0.46342849057
15259	9/13/2019 8:16:24		-122.359	37.716	2088644.607	6023853.999		2257.022	RS-700	0.68567377359
15260	9/13/2019 8:16:25		-122.359	37.716	2088644.643	6023854.000		2254.030	RS-700	0.66685446541
15261	9/13/2019 8:16:26		-122.359	37.716	2088644.643	6023854.000		2227.911	RS-700	0.50258471698
15262	9/13/2019 8:16:27		-122.359	37.716	2088644.679	6023854.000		2157.771	RS-700	0.06145559748
15263	9/13/2019 8:16:28		-122.359	37.716	2088644.643	6023854.029		2296.492	RS-700	0.93390886793
15264	9/13/2019 8:16:29		-122.359	37.716	2088644.679	6023854.029		2277.691	RS-700	0.81566905660
15265	9/13/2019 8:16:30		-122.359	37.716	2088644.679	6023854.029		2238.907	RS-700	0.57174182390
15266	9/13/2019 8:16:31		-122.359	37.716	2088644.679	6023854.029		2287.932	RS-700	0.88007440252
15267	9/13/2019 8:16:32		-122.359	37.716	2088644.679	6023854.029		2262.471	RS-700	0.71994069182
15268	9/13/2019 8:16:33		-122.359	37.716	2088644.678	6023854.058		2272.696	RS-700	0.78425056604
15269	9/13/2019 8:16:34		-122.359	37.716	2088644.678	6023854.058		2202.011	RS-700	0.33968943396
15270	9/13/2019 8:16:35		-122.359	37.716	2088644.642	6023854.058		2239.583	RS-700	0.57599540881
15271	9/13/2019 8:16:36		-122.359	37.716	2088644.678	6023854.087		2219.255	RS-700	0.44814534591
15272	9/13/2019 8:16:37		-122.359	37.716	2088644.641	6023854.086		2206.680	RS-700	0.36905358491
15273	9/13/2019 8:16:38		-122.359	37.716	2088644.642	6023854.058		2229.472	RS-700	0.51240119497
15274	9/13/2019 8:16:39		-122.359	37.716	2088644.642	6023854.058		2266.378	RS-700	0.74451377359
15275	9/13/2019 8:16:40		-122.359	37.716	2088644.678	6023854.087		2195.796	RS-700	0.30060522013
15276	9/13/2019 8:16:41		-122.359	37.716	2088644.641	6023854.115		2301.503	RS-700	0.96543000000
15277	9/13/2019 8:16:42		-122.359	37.716	2088644.900	6023853.889		2274.154	RS-700	0.79342056604
15278	9/13/2019 8:16:43		-122.359	37.716	2088646.091	6023852.611		2260.041	RS-700	0.70465729560
15279	9/13/2019 8:16:44		-122.359	37.716	2088647.462	6023851.452		2218.024	RS-700	0.44040283019
15280	9/13/2019 8:16:45		-122.359	37.716	2088648.867	6023850.380		2163.777	RS-700	0.09922427673
15281	9/13/2019 8:16:46		-122.359	37.716	2088650.237	6023849.222		2144.766	RS-700	-0.02033691824
15282	9/13/2019 8:16:47		-122.359	37.716	2088651.649	6023847.832		2118.771	RS-700	-0.18383050315
15283	9/13/2019 8:16:48		-122.359	37.716	2088652.881	6023846.294		2236.813	RS-700	0.55857308176
15284	9/13/2019 8:16:49		-122.359	37.716	2088653.863	6023844.520		2174.425	RS-700	0.16619622642
15285	9/13/2019 8:16:50		-122.359	37.716	2088654.700	6023842.743		2141.661	RS-700	-0.03986490566
15286	9/13/2019 8:16:51		-122.360	37.716	2088655.609	6023840.996		2226.685	RS-700	0.49487710692
15287	9/13/2019 8:16:52		-122.360	37.716	2088656.629	6023839.136		2181.110	RS-700	0.20824056604
15288	9/13/2019 8:16:53		-122.360	37.716	2088657.434	6023837.098		2193.990	RS-700	0.28924389937
15289	9/13/2019 8:16:54		-122.360	37.716	2088657.947	6023835.112		2037.529	RS-700	-0.69478408805
15290	9/13/2019 8:16:55		-122.360	37.716	2088658.641	6023833.187		2027.726	RS-700	-0.75644176101
15291	9/13/2019 8:16:56		-122.360	37.716	2088659.553	6023831.296		2104.487	RS-700	-0.27366786164
15292	9/13/2019 8:16:57		-122.360	37.716	2088660.645	6023829.495		2014.611	RS-700	-0.83892389937
15293	9/13/2019 8:16:58		-122.360	37.716	2088662.026	6023827.787		2054.940	RS-700	-0.58528339623
15294	9/13/2019 8:16:59		-122.360	37.716	2088663.628	6023825.996		2119.871	RS-700	-0.17691377359
15295	9/13/2019 8:17:00		-122.360	37.716	2088665.190	6023824.349		2173.217	RS-700	0.15859452830
15296	9/13/2019 8:17:01		-122.360	37.716	2088666.752	6023822.702		2080.050	RS-700	-0.42735987421
15297	9/13/2019 8:17:02		-122.360	37.716	2088668.605	6023821.119		2173.218	RS-700	0.15860433962
15298	9/13/2019 8:17:03		-122.360	37.716	2088670.671	6023819.771		2219.573	RS-700	0.45014421384
15299	9/13/2019 8:17:04		-122.360	37.716	2088672.487	6023818.187		2228.574	RS-700	0.50675194969
15300	9/13/2019 8:17:05		-122.360	37.716	2088673.904	6023816.537		2198.677	RS-700	0.31872553459
15301	9/13/2019 8:17:06		-122.360	37.716	2088674.918	6023814.995		2141.762	RS-700	-0.03923572327
15302	9/13/2019 8:17:07		-122.360	37.716	2088675.561	6023813.793		2191.886	RS-700	0.27601037736
15303	9/13/2019 8:17:08		-122.360	37.716	2088675.975	6023813.078		2159.204	RS-700	0.07046742138
15304	9/13/2019 8:17:09		-122.360	37.716	2088676.848	6023811.330		2249.919	RS-700	0.64099893082
15305	9/13/2019 8:17:10		-122.360	37.716	2088678.060	6023808.982		2463.250	RS-700	0.78372565982
15306	9/13/2019 8:17:11		-122.360	37.716	2088679.332	6023807.272		2536.420	RS-700	0.99830020528
15307	9/13/2019 8:17:12		-122.360	37.716	2088680.195	6023805.987		2329.207	RS-700	0.39063504399
15308	9/13/2019 8:17:13		-122.360	37.716	2088680.872	6023804.930		1973.899	RS-700	-0.65132369502
15309	9/13/2019 8:17:14		-122.360	37.716	2088681.959	6023803.360		1534.164	RS-700	-1.94086671554
15310	9/13/2019 8:17:15		-122.360	37.716	2088683.043	6023801.964		1914.204	RS-700	-0.82638055719

Gamma Scan Survey Results
Survey Unit 4 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
15311	9/13/2019 8:17:16		-122.360	37.716	2088684.173	6023800.106		2373.091	RS-700	0.51932923754
15312	9/13/2019 8:17:17		-122.360	37.716	2088685.454	6023797.933		2463.756	RS-700	0.78520806452
15313	9/13/2019 8:17:18		-122.360	37.716	2088687.023	6023795.939		2225.580	RS-700	0.08674451613
15314	9/13/2019 8:17:19		-122.360	37.716	2088689.026	6023794.127		2180.872	RS-700	-0.04436404692
15315	9/13/2019 8:17:20		-122.360	37.716	2088690.694	6023792.656		2339.841	RS-700	1.20654823899
15316	9/13/2019 8:17:21		-122.360	37.716	2088691.700	6023791.519		2328.068	RS-700	1.13250433962
15317	9/13/2019 8:17:22		-122.360	37.716	2088692.486	6023790.464		2284.720	RS-700	0.85987660377
15318	9/13/2019 8:17:23		-122.360	37.716	2088693.684	6023788.810		2264.926	RS-700	0.73538597484
15319	9/13/2019 8:17:24		-122.360	37.716	2088694.554	6023787.149		2280.499	RS-700	0.83332459120
15320	9/13/2019 8:17:25		-122.360	37.716	2088695.206	6023785.513		2212.795	RS-700	0.40751597484
15321	9/13/2019 8:17:26		-122.360	37.716	2088695.854	6023784.079		2112.432	RS-700	-0.22369729560
15322	9/13/2019 8:17:27		-122.360	37.716	2088696.650	6023782.475		2127.756	RS-700	-0.12731779874
15323	9/13/2019 8:17:28		-122.360	37.716	2088697.669	6023780.702		2169.777	RS-700	0.13696314465
15324	9/13/2019 8:17:29		-122.360	37.716	2088699.124	6023778.937		2237.010	RS-700	0.55981031447
15325	9/13/2019 8:17:30		-122.360	37.717	2088701.047	6023777.500		2211.115	RS-700	0.39695194969
15326	9/13/2019 8:17:31		-122.360	37.717	2088703.034	6023776.440		2219.800	RS-700	0.45157515723
15327	9/13/2019 8:17:32		-122.360	37.717	2088704.909	6023775.580		2152.204	RS-700	0.02643949686
15328	9/13/2019 8:17:33		-122.360	37.717	2088706.495	6023774.570		2157.974	RS-700	0.06273220126
15329	9/13/2019 8:17:34		-122.360	37.717	2088707.865	6023773.440		2115.871	RS-700	-0.20207157233
15330	9/13/2019 8:17:35		-122.360	37.717	2088708.878	6023771.927		2203.011	RS-700	0.34598150943
15331	9/13/2019 8:17:36		-122.360	37.717	2088710.152	6023770.159		2095.647	RS-700	-0.32926477987
15332	9/13/2019 8:17:37		-122.360	37.717	2088711.425	6023768.390		2137.442	RS-700	-0.06640289308
15333	9/13/2019 8:17:38		-122.360	37.717	2088712.704	6023766.333		2237.888	RS-700	0.56533094340
15334	9/13/2019 8:17:39		-122.360	37.717	2088713.874	6023764.273		2102.830	RS-700	-0.28408798742
15335	9/13/2019 8:17:40		-122.360	37.717	2088715.222	6023762.419		2253.690	RS-700	0.66471654088
15336	9/13/2019 8:17:41		-122.360	37.717	2088716.820	6023760.831		2138.973	RS-700	-0.05677138365
15337	9/13/2019 8:17:42		-122.360	37.717	2088718.525	6023759.331		2149.006	RS-700	0.00632918239
15338	9/13/2019 8:17:43		-122.360	37.717	2088720.084	6023757.858		2077.531	RS-700	-0.44320050315
15339	9/13/2019 8:17:44		-122.360	37.717	2088721.538	6023756.122		2063.842	RS-700	-0.52929283019
15340	9/13/2019 8:17:45		-122.360	37.717	2088722.847	6023754.412		2168.557	RS-700	0.12929069182
15341	9/13/2019 8:17:46		-122.360	37.717	2088724.087	6023752.499		2062.457	RS-700	-0.53800377359
15342	9/13/2019 8:17:47		-122.360	37.717	2088725.289	6023750.642		2090.938	RS-700	-0.35888182390
15343	9/13/2019 8:17:48		-122.360	37.717	2088726.382	6023748.812		2103.655	RS-700	-0.27890056604
15344	9/13/2019 8:17:49		-122.360	37.717	2088727.510	6023747.041		2091.648	RS-700	-0.35441528302
15345	9/13/2019 8:17:50		-122.360	37.717	2088728.561	6023745.471		2025.623	RS-700	-0.76966723270
15346	9/13/2019 8:17:51		-122.360	37.717	2088729.799	6023743.615		2096.534	RS-700	-0.32368522013
15347	9/13/2019 8:17:52		-122.360	37.717	2088730.635	6023741.896		2130.188	RS-700	-0.11202295598
15348	9/13/2019 8:17:53		-122.360	37.717	2088730.828	6023741.350		2087.223	RS-700	-0.38224421384
15349	9/13/2019 8:17:54		-122.360	37.717	2088731.137	6023740.430		2110.862	RS-700	-0.23357352201
15350	9/13/2019 8:17:55		-122.360	37.717	2088731.495	6023738.933		2134.647	RS-700	-0.08397993711
15351	9/13/2019 8:17:56		-122.360	37.717	2088731.926	6023737.408		2054.262	RS-700	-0.58954867925
15352	9/13/2019 8:17:57		-122.360	37.717	2088732.765	6023735.486		2013.918	RS-700	-0.84328616352
15353	9/13/2019 8:17:58		-122.360	37.717	2088733.930	6023733.658		2106.656	RS-700	-0.26002452830
15354	9/13/2019 8:17:59		-122.360	37.717	2088735.528	6023732.070		2087.161	RS-700	-0.38263308176
15355	9/13/2019 8:18:00		-122.360	37.717	2088737.486	6023730.691		2100.532	RS-700	-0.29853880503
15356	9/13/2019 8:18:01		-122.360	37.717	2088739.211	6023730.002		2145.089	RS-700	-0.01830685535
15357	9/13/2019 8:18:02		-122.360	37.717	2088740.359	6023729.041		2201.899	RS-700	0.33898943396
15358	9/13/2019 8:18:03		-122.360	37.717	2088741.404	6023727.789		2169.556	RS-700	0.13557534591
15359	9/13/2019 8:18:04		-122.360	37.717	2088742.748	6023726.138		2197.118	RS-700	0.30892025157
15360	9/13/2019 8:18:05		-122.360	37.717	2088744.568	6023724.351		2120.072	RS-700	-0.17565081761
15361	9/13/2019 8:18:06		-122.360	37.717	2088746.280	6023722.505		2047.941	RS-700	-0.62930503145
15362	9/13/2019 8:18:07		-122.360	37.717	2088747.955	6023720.687		2075.973	RS-700	-0.45299918239
15363	9/13/2019 8:18:08		-122.360	37.717	2088749.555	6023718.954		2156.199	RS-700	0.05156874214
15364	9/13/2019 8:18:09		-122.360	37.717	2088751.115	6023717.422		2116.863	RS-700	-0.19583157233
15365	9/13/2019 8:18:10		-122.360	37.717	2088752.636	6023716.006		2155.202	RS-700	0.04529471698
15366	9/13/2019 8:18:11		-122.360	37.717	2088754.231	6023714.591		2139.964	RS-700	-0.05053792453
15367	9/13/2019 8:18:12		-122.360	37.717	2088755.648	6023712.884		2150.987	RS-700	0.01878679245
15368	9/13/2019 8:18:13		-122.360	37.717	2088757.073	6023710.858		2160.759	RS-700	0.08024622642
15369	9/13/2019 8:18:14		-122.360	37.717	2088758.353	6023708.742		2191.902	RS-700	0.27611339623
15370	9/13/2019 8:18:15		-122.360	37.717	2088759.529	6023706.365		2114.078	RS-700	-0.21334283019
15371	9/13/2019 8:18:16		-122.360	37.717	2088760.671	6023703.899		2119.285	RS-700	-0.18059528302

Gamma Scan Survey Results
Survey Unit 4 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
15372	9/13/2019 8:18:17		-122.360	37.717	2088761.302	6023701.453		2145.518	RS-700	-0.01561018868
15373	9/13/2019 8:18:18		-122.360	37.717	2088761.417	6023699.314		2182.752	RS-700	0.21856735849
15374	9/13/2019 8:18:19		-122.360	37.717	2088761.447	6023697.810		2129.763	RS-700	-0.11470069182
15375	9/13/2019 8:18:20		-122.360	37.717	2088761.656	6023696.484		2176.783	RS-700	0.18102691824
15376	9/13/2019 8:18:21		-122.360	37.717	2088762.384	6023694.675		2143.656	RS-700	-0.02732389937
15377	9/13/2019 8:18:22		-122.360	37.717	2088763.695	6023692.821		2191.552	RS-700	0.27391358491
15378	9/13/2019 8:18:23		-122.360	37.717	2088765.401	6023691.293		2140.998	RS-700	-0.04403597484
15379	9/13/2019 8:18:24		-122.360	37.717	2088766.924	6023689.761		2062.951	RS-700	-0.53489886793
15380	9/13/2019 8:18:25		-122.360	37.717	2088768.377	6023688.141		2050.041	RS-700	-0.61609477987
15381	9/13/2019 8:18:26		-122.360	37.717	2088769.723	6023686.403		2165.772	RS-700	0.11177628931
15382	9/13/2019 8:18:27		-122.360	37.717	2088771.177	6023684.667		2024.137	RS-700	-0.77901559748
15383	9/13/2019 8:18:28		-122.360	37.717	2088772.814	6023682.935		2153.443	RS-700	0.03423213836
15384	9/13/2019 8:18:29		-122.360	37.717	2088774.700	6023681.497		2192.225	RS-700	0.27814698113
15385	9/13/2019 8:18:30		-122.360	37.717	2088776.873	6023680.296		2102.448	RS-700	-0.28648911950
15386	9/13/2019 8:18:31		-122.360	37.717	2088779.156	6023679.010		2111.439	RS-700	-0.22994396226
15387	9/13/2019 8:18:32		-122.360	37.717	2088781.114	6023677.632		2087.055	RS-700	-0.38329880503
15388	9/13/2019 8:18:33		-122.360	37.717	2088782.534	6023675.837		2174.319	RS-700	0.16552937107
15389	9/13/2019 8:18:34		-122.360	37.717	2088783.373	6023673.916		2073.431	RS-700	-0.46898918239
15390	9/13/2019 8:18:35		-122.360	37.717	2088784.211	6023672.081		2112.856	RS-700	-0.22103081761
15391	9/13/2019 8:18:36		-122.360	37.717	2088785.193	6023670.306		2118.759	RS-700	-0.18390553459
15392	9/13/2019 8:18:37		-122.360	37.717	2088786.397	6023668.363		2096.322	RS-700	-0.32502062893
15393	9/13/2019 8:18:38		-122.360	37.717	2088787.744	6023666.567		2117.223	RS-700	-0.19356842767
15394	9/13/2019 8:18:39		-122.360	37.717	2088789.233	6023664.948		2144.674	RS-700	-0.02091886792
15395	9/13/2019 8:18:40		-122.360	37.717	2088790.429	6023663.380		2044.832	RS-700	-0.64885515723
15396	9/13/2019 8:18:41		-122.360	37.717	2088791.373	6023661.692		2252.143	RS-700	0.65498477987
15397	9/13/2019 8:18:42		-122.360	37.717	2088791.989	6023660.027		2183.991	RS-700	0.22635798742
15398	9/13/2019 8:18:43		-122.360	37.717	2088792.712	6023658.450		2216.905	RS-700	0.43336767296
15399	9/13/2019 8:18:44		-122.360	37.717	2088793.729	6023656.763		2173.341	RS-700	0.15937698113
15400	9/13/2019 8:18:45		-122.360	37.717	2088795.110	6023655.084		2204.891	RS-700	0.35780597484
15401	9/13/2019 8:18:46		-122.360	37.717	2088796.708	6023653.495		2151.093	RS-700	0.01945144654
15402	9/13/2019 8:18:47		-122.360	37.717	2088798.191	6023652.165		2156.101	RS-700	0.05095238994
15403	9/13/2019 8:18:48		-122.360	37.717	2088799.008	6023651.342		2159.104	RS-700	0.06983899371
15404	9/13/2019 8:18:49		-122.360	37.717	2088799.306	6023651.030		2183.452	RS-700	0.22296685535
15405	9/13/2019 8:18:50		-122.360	37.717	2088799.307	6023651.001		2210.565	RS-700	0.39348911950
15406	9/13/2019 8:18:51		-122.360	37.717	2088799.307	6023650.972		2165.676	RS-700	0.11116672956
15407	9/13/2019 8:18:52		-122.360	37.717	2088799.307	6023650.972		2274.148	RS-700	0.79338232704
15408	9/13/2019 8:18:53		-122.360	37.717	2088799.307	6023650.972		2294.937	RS-700	0.92412981132
15409	9/13/2019 8:18:54		-122.360	37.717	2088799.307	6023650.972		2198.673	RS-700	0.31869503145
15410	9/13/2019 8:18:55		-122.360	37.717	2088799.307	6023651.001		2200.011	RS-700	0.32711094340
15411	9/13/2019 8:18:56		-122.360	37.717	2088799.307	6023651.001		2215.570	RS-700	0.42496798742
15412	9/13/2019 8:18:57		-122.360	37.717	2088799.270	6023651.000		2225.686	RS-700	0.48859119497
15413	9/13/2019 8:18:58		-122.360	37.717	2088799.307	6023651.001		2148.447	RS-700	0.00280893082
15414	9/13/2019 8:18:59		-122.360	37.717	2088799.270	6023651.000		2231.024	RS-700	0.52216597484
15415	9/13/2019 8:19:00		-122.360	37.717	2088799.307	6023651.001		2162.449	RS-700	0.09087591195
15416	9/13/2019 8:19:01		-122.360	37.717	2088799.270	6023651.000		2292.624	RS-700	0.90958251572
15417	9/13/2019 8:19:02		-122.360	37.717	2088799.270	6023651.000		2209.024	RS-700	0.38379748428
15418	9/13/2019 8:19:03		-122.360	37.717	2088799.307	6023651.001		2273.916	RS-700	0.79192220126
15419	9/13/2019 8:19:04		-122.360	37.717	2088799.307	6023651.001		2151.970	RS-700	0.02497037736
15420	9/13/2019 8:19:05		-122.360	37.717	2088799.307	6023651.001		2239.503	RS-700	0.57549163522
15421	9/13/2019 8:19:06		-122.360	37.717	2088799.271	6023650.971		2194.240	RS-700	0.29081446541
15422	9/13/2019 8:19:07		-122.360	37.717	2088799.271	6023650.971		2214.790	RS-700	0.42006270440
15423	9/13/2019 8:19:08		-122.360	37.717	2088799.271	6023650.971		2196.228	RS-700	0.30332182390
15424	9/13/2019 8:19:09		-122.360	37.717	2088799.306	6023651.030		2248.025	RS-700	0.62908792453
15425	9/13/2019 8:19:10		-122.360	37.717	2088799.270	6023651.000		2286.720	RS-700	0.87245477987
15426	9/13/2019 8:19:11		-122.360	37.717	2088799.271	6023650.971		2259.921	RS-700	0.70390811321
15427	9/13/2019 8:19:12		-122.360	37.717	2088799.234	6023650.971		2224.017	RS-700	0.47809295598
15428	9/13/2019 8:19:13		-122.360	37.717	2088799.270	6023651.000		2197.009	RS-700	0.30823572327
15429	9/13/2019 8:19:14		-122.360	37.717	2088799.270	6023651.000		2218.571	RS-700	0.44384427673
15430	9/13/2019 8:19:15		-122.360	37.717	2088799.270	6023651.029		2219.725	RS-700	0.45110069182
15431	9/13/2019 8:19:16		-122.360	37.717	2088799.162	6023650.969		2138.672	RS-700	-0.05866924528
15432	9/13/2019 8:19:17		-122.360	37.717	2088799.162	6023650.940		2222.793	RS-700	0.47039742138

Gamma Scan Survey Results
Survey Unit 4 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
15433	9/13/2019 8:19:18		-122.360	37.717	2088800.018	6023650.003		2171.429	RS-700	0.14735465409
15434	9/13/2019 8:19:19		-122.360	37.717	2088801.365	6023648.207		2266.182	RS-700	0.74328553459
15435	9/13/2019 8:19:20		-122.360	37.717	2088802.571	6023646.177		2190.556	RS-700	0.26765037736
15436	9/13/2019 8:19:21		-122.360	37.717	2088803.528	6023643.823		2077.749	RS-700	-0.44183289308
15437	9/13/2019 8:19:22		-122.360	37.717	2088804.673	6023641.185		2052.043	RS-700	-0.60350553459
15438	9/13/2019 8:19:23		-122.360	37.717	2088805.924	6023638.721		2088.743	RS-700	-0.37268364780
15439	9/13/2019 8:19:24		-122.360	37.717	2088807.431	6023636.177		2158.776	RS-700	0.06777490566
15440	9/13/2019 8:19:25		-122.360	37.717	2088808.975	6023633.661		2147.096	RS-700	-0.00568415094
15441	9/13/2019 8:19:26		-122.360	37.717	2088810.373	6023631.085		2099.749	RS-700	-0.30346270440
15442	9/13/2019 8:19:27		-122.360	37.717	2088811.845	6023628.511		2075.333	RS-700	-0.45702622642
15443	9/13/2019 8:19:28		-122.360	37.717	2088813.532	6023626.057		2243.261	RS-700	0.59912786164
15444	9/13/2019 8:19:29		-122.360	37.717	2088815.727	6023623.728		2171.435	RS-700	0.14738748428
15445	9/13/2019 8:19:30		-122.360	37.717	2088818.134	6023621.751		2169.991	RS-700	0.13830553459
15446	9/13/2019 8:19:31		-122.360	37.717	2088820.715	6023620.153		2160.764	RS-700	0.08027716981
15447	9/13/2019 8:19:32		-122.360	37.717	2088823.293	6023618.700		2192.888	RS-700	0.28231534591
15448	9/13/2019 8:19:33		-122.360	37.717	2088825.837	6023617.159		2164.558	RS-700	0.10413836478
15449	9/13/2019 8:19:34		-122.360	37.717	2088828.095	6023615.295		2167.645	RS-700	0.12355465409
15450	9/13/2019 8:19:35		-122.360	37.717	2088829.924	6023613.074		2170.660	RS-700	0.14251465409
15451	9/13/2019 8:19:36		-122.360	37.717	2088831.648	6023610.621		2123.542	RS-700	-0.15382320755
15452	9/13/2019 8:19:37		-122.360	37.717	2088833.190	6023608.192		2129.552	RS-700	-0.11602496855
15453	9/13/2019 8:19:38		-122.360	37.717	2088834.441	6023605.700		2100.421	RS-700	-0.29923748428
15454	9/13/2019 8:19:39		-122.360	37.717	2088835.475	6023603.146		2147.444	RS-700	-0.00349905660
15455	9/13/2019 8:19:40		-122.360	37.717	2088836.506	6023600.765		2220.783	RS-700	0.45775503145
15456	9/13/2019 8:19:41		-122.360	37.717	2088837.714	6023598.590		2075.951	RS-700	-0.45313559748
15457	9/13/2019 8:19:42		-122.360	37.717	2088839.035	6023596.302		2212.460	RS-700	0.40540660377
15458	9/13/2019 8:19:43		-122.360	37.717	2088840.388	6023594.188		2092.224	RS-700	-0.35079383648
15459	9/13/2019 8:19:44		-122.360	37.717	2088842.070	6023592.023		2237.693	RS-700	0.56410628931
15460	9/13/2019 8:19:45		-122.360	37.717	2088843.825	6023589.830		2149.342	RS-700	0.00843924528
15461	9/13/2019 8:19:46		-122.360	37.717	2088845.436	6023587.577		2227.126	RS-700	0.49764993711
15462	9/13/2019 8:19:47		-122.360	37.717	2088847.119	6023585.354		2277.908	RS-700	0.81703018868
15463	9/13/2019 8:19:48		-122.360	37.717	2088848.909	6023583.219		2251.029	RS-700	0.64798220126
15464	9/13/2019 8:19:49		-122.360	37.717	2088850.847	6023581.030		2275.816	RS-700	0.80387245283
15465	9/13/2019 8:19:50		-122.360	37.717	2088853.110	6023578.934		2218.131	RS-700	0.44107805031
15466	9/13/2019 8:19:51		-122.360	37.717	2088855.371	6023576.925		2301.159	RS-700	0.96326333333
15467	9/13/2019 8:19:52		-122.360	37.717	2088857.341	6023574.939		2338.839	RS-700	1.20024345912
15468	9/13/2019 8:19:53		-122.360	37.717	2088858.985	6023572.831		2256.349	RS-700	0.68144150943
15469	9/13/2019 8:19:54		-122.360	37.717	2088860.735	6023570.928		2339.958	RS-700	1.20728603774
15470	9/13/2019 8:19:55		-122.360	37.717	2088862.524	6023568.880		2380.857	RS-700	1.46451163522
15471	9/13/2019 8:19:56		-122.360	37.717	2088864.309	6023567.035		2303.253	RS-700	0.97643402516
15472	9/13/2019 8:19:57		-122.360	37.717	2088865.800	6023565.300		2181.118	RS-700	0.20829106918
15473	9/13/2019 8:19:58		-122.360	37.717	2088867.333	6023563.306		2253.715	RS-700	0.66487540881
15474	9/13/2019 8:19:59		-122.360	37.717	2088869.127	6023560.998		2208.570	RS-700	0.38094081761
15475	9/13/2019 8:20:00		-122.360	37.717	2088870.810	6023558.746		2204.799	RS-700	0.35722471698
15476	9/13/2019 8:20:01		-122.361	37.717	2088872.056	6023556.514		2203.904	RS-700	0.35159723270
15477	9/13/2019 8:20:02		-122.361	37.717	2088873.082	6023554.394		2222.160	RS-700	0.46641729560
15478	9/13/2019 8:20:03		-122.361	37.717	2088874.141	6023552.418		2170.343	RS-700	0.14052452830
15479	9/13/2019 8:20:04		-122.361	37.717	2088875.351	6023550.157		2240.484	RS-700	0.58166018868
15480	9/13/2019 8:20:05		-122.361	37.717	2088876.602	6023547.723		2156.314	RS-700	0.05229232704
15481	9/13/2019 8:20:06		-122.361	37.717	2088877.925	6023545.261		2225.788	RS-700	0.48923352201
15482	9/13/2019 8:20:07		-122.361	37.717	2088879.133	6023543.115		2224.795	RS-700	0.48298742138
15483	9/13/2019 8:20:08		-122.361	37.717	2088880.259	6023541.431		2184.565	RS-700	0.22996993711
15484	9/13/2019 8:20:09		-122.361	37.717	2088881.675	6023539.810		2111.964	RS-700	-0.22664132076
15485	9/13/2019 8:20:10		-122.361	37.717	2088883.717	6023537.883		2074.842	RS-700	-0.46011018868
15486	9/13/2019 8:20:11		-122.361	37.717	2088885.756	6023536.072		2065.638	RS-700	-0.51799987421
15487	9/13/2019 8:20:12		-122.361	37.717	2088887.719	6023534.404		2208.566	RS-700	0.38091723270
15488	9/13/2019 8:20:13		-122.361	37.717	2088889.362	6023532.354		2070.429	RS-700	-0.48786509434
15489	9/13/2019 8:20:14		-122.361	37.717	2088891.182	6023530.597		2154.317	RS-700	0.03973245283
15490	9/13/2019 8:20:15		-122.361	37.717	2088892.563	6023528.917		2128.656	RS-700	-0.12165742138
15491	9/13/2019 8:20:16		-122.361	37.717	2088893.574	6023527.520		1859.386	RS-700	-1.81517937107
15492	9/13/2019 8:20:17		-122.361	37.717	2088894.581	6023526.325		2052.734	RS-700	-0.59915955975
15493	9/13/2019 8:20:18		-122.361	37.717	2088895.523	6023524.752		2272.042	RS-700	0.78013805031

Gamma Scan Survey Results
Survey Unit 4 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
15494	9/13/2019 8:20:19		-122.361	37.717	2088896.871	6023522.898		2217.138	RS-700	0.43483182390
15495	9/13/2019 8:20:20		-122.361	37.717	2088897.931	6023520.837		2329.484	RS-700	1.14140937107
15496	9/13/2019 8:20:21		-122.361	37.717	2088899.062	6023518.921		2371.087	RS-700	1.40306383648
15497	9/13/2019 8:20:22		-122.361	37.717	2088900.265	6023517.035		2283.818	RS-700	0.85420352201
15498	9/13/2019 8:20:23		-122.361	37.717	2088901.399	6023514.946		2225.250	RS-700	0.48585106918
15499	9/13/2019 8:20:24		-122.361	37.717	2088902.570	6023512.857		2302.747	RS-700	0.97325119497
15500	9/13/2019 8:20:25		-122.361	37.717	2088903.703	6023510.797		2277.475	RS-700	0.81430911950
15501	9/13/2019 8:20:26		-122.361	37.717	2088904.584	6023508.644		2401.738	RS-700	1.59583704403
15502	9/13/2019 8:20:27		-122.361	37.717	2088905.357	6023506.374		2355.253	RS-700	1.30347723270
15503	9/13/2019 8:20:28		-122.361	37.717	2088905.903	6023504.563		2324.600	RS-700	1.11069257862
15504	9/13/2019 8:20:29		-122.361	37.717	2088906.291	6023503.355		2354.312	RS-700	1.29756062893
15505	9/13/2019 8:20:30		-122.361	37.717	2088906.447	6023502.838		2344.193	RS-700	1.23391918239
15506	9/13/2019 8:20:31		-122.361	37.717	2088906.488	6023502.636		2392.215	RS-700	1.53594389937
15507	9/13/2019 8:20:32		-122.361	37.717	2088906.487	6023502.665		2430.729	RS-700	1.77817062893
15508	9/13/2019 8:20:33		-122.361	37.717	2088906.487	6023502.665		2370.489	RS-700	1.39929974843
15509	9/13/2019 8:20:34		-122.361	37.717	2088906.451	6023502.664		2247.029	RS-700	0.62282150943
15510	9/13/2019 8:20:35		-122.361	37.717	2088906.451	6023502.664		2368.972	RS-700	1.38976308176
15511	9/13/2019 8:20:36		-122.361	37.717	2088906.487	6023502.665		2397.878	RS-700	1.57155937107
15512	9/13/2019 8:20:37		-122.361	37.717	2088906.490	6023502.491		2306.646	RS-700	0.99777213837
15513	9/13/2019 8:20:38		-122.361	37.717	2088906.492	6023502.404		2443.118	RS-700	1.85608572327
15514	9/13/2019 8:20:39		-122.361	37.717	2088906.456	6023502.404		2421.475	RS-700	1.71997132075
15515	9/13/2019 8:20:40		-122.361	37.717	2088906.570	6023502.175		2368.845	RS-700	1.38896018868
15516	9/13/2019 8:20:41		-122.361	37.717	2088906.615	6023501.742		2306.833	RS-700	0.99895169811
15517	9/13/2019 8:20:42		-122.361	37.717	2088906.662	6023501.164		2350.960	RS-700	1.27647830189
15518	9/13/2019 8:20:43		-122.361	37.717	2088906.666	6023500.990		2341.956	RS-700	1.21985025157
15519	9/13/2019 8:20:44		-122.361	37.717	2088906.665	6023501.048		2421.232	RS-700	1.71843899371
15520	9/13/2019 8:20:45		-122.361	37.717	2088906.665	6023501.048		2290.713	RS-700	0.89756352201
15521	9/13/2019 8:20:46		-122.361	37.717	2088906.664	6023501.077		2302.631	RS-700	0.97252283019
15522	9/13/2019 8:20:47		-122.361	37.717	2088906.628	6023501.047		2370.252	RS-700	1.39781308176
15523	9/13/2019 8:20:48		-122.361	37.717	2088906.628	6023501.047		2359.195	RS-700	1.32827157233
15524	9/13/2019 8:20:49		-122.361	37.717	2088906.592	6023501.047		2310.597	RS-700	1.02262314465
15525	9/13/2019 8:20:50		-122.361	37.717	2088906.592	6023501.047		2377.616	RS-700	1.44412742138
15526	9/13/2019 8:20:51		-122.361	37.717	2088906.592	6023501.047		2325.188	RS-700	1.11438754717
15527	9/13/2019 8:20:52		-122.361	37.717	2088906.592	6023501.047		2233.793	RS-700	0.53957987421
15528	9/13/2019 8:20:53		-122.361	37.717	2088906.556	6023501.017		2332.483	RS-700	1.16027069182
15529	9/13/2019 8:20:54		-122.361	37.717	2088906.593	6023500.989		2377.975	RS-700	1.44638352201
15530	9/13/2019 8:20:55		-122.361	37.717	2088906.557	6023500.988		2302.520	RS-700	0.97182654088
15531	9/13/2019 8:20:56		-122.361	37.717	2088906.594	6023500.931		2402.221	RS-700	1.59887572327
15532	9/13/2019 8:20:57		-122.361	37.717	2088906.523	6023500.872		2355.201	RS-700	1.30314861635
15533	9/13/2019 8:20:58		-122.361	37.717	2088906.522	6023500.901		2424.092	RS-700	1.73642672956
15534	9/13/2019 8:20:59		-122.361	37.717	2088906.522	6023500.901		2310.831	RS-700	1.02409301887
15535	9/13/2019 8:21:00		-122.361	37.717	2088906.521	6023500.930		2370.037	RS-700	1.39646031447
15536	9/13/2019 8:21:01		-122.361	37.717	2088906.521	6023500.930		2367.259	RS-700	1.37899031447
15537	9/13/2019 8:21:02		-122.361	37.717	2088906.486	6023500.900		2346.726	RS-700	1.24985188679
15538	9/13/2019 8:21:03		-122.361	37.717	2088906.485	6023500.929		2399.098	RS-700	1.57923490566
15539	9/13/2019 8:21:04		-122.361	37.717	2088906.449	6023500.928		2318.066	RS-700	1.06959465409
15540	9/13/2019 8:21:05		-122.361	37.717	2088906.449	6023500.899		2398.571	RS-700	1.57591981132
15541	9/13/2019 8:21:06		-122.361	37.717	2088906.450	6023500.870		2366.968	RS-700	1.37715515723
15542	9/13/2019 8:21:07		-122.361	37.717	2088906.449	6023500.899		2348.427	RS-700	1.26054924528
15543	9/13/2019 8:21:08		-122.361	37.717	2088906.450	6023500.870		2417.626	RS-700	1.69575886792
15544	9/13/2019 8:21:09		-122.361	37.717	2088906.450	6023500.870		2334.652	RS-700	1.17391062893
15545	9/13/2019 8:21:10		-122.361	37.717	2088906.450	6023500.870		2442.097	RS-700	1.84966503145
15546	9/13/2019 8:21:11		-122.361	37.717	2088906.450	6023500.870		2379.980	RS-700	1.45899295597
15547	9/13/2019 8:21:12		-122.361	37.717	2088906.450	6023500.870		2388.087	RS-700	1.50998037736
15548	9/13/2019 8:21:13		-122.361	37.717	2088906.413	6023500.870		2323.073	RS-700	1.10109050314
15549	9/13/2019 8:21:14		-122.361	37.717	2088906.449	6023500.899		2337.189	RS-700	1.18986666667
15550	9/13/2019 8:21:15		-122.361	37.717	2088906.449	6023500.899		2318.600	RS-700	1.07295767296
15551	9/13/2019 8:21:16		-122.361	37.717	2088906.449	6023500.899		2299.170	RS-700	0.95075207547
15552	9/13/2019 8:21:17		-122.361	37.717	2088906.452	6023500.755		2332.533	RS-700	1.16058773585
15553	9/13/2019 8:21:18		-122.361	37.717	2088906.504	6023499.975		2330.604	RS-700	1.14845522013
15554	9/13/2019 8:21:19		-122.361	37.717	2088906.554	6023499.281		2238.467	RS-700	0.56897566038

Gamma Scan Survey Results
Survey Unit 4 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
15555	9/13/2019 8:21:20		-122.361	37.717	2088906.519	6023499.223		2395.617	RS-700	1.55733830189
15556	9/13/2019 8:21:21		-122.361	37.717	2088906.516	6023499.367		2354.967	RS-700	1.30167704403
15557	9/13/2019 8:21:22		-122.361	37.717	2088906.515	6023499.425		2327.715	RS-700	1.13028056604
15558	9/13/2019 8:21:23		-122.361	37.717	2088906.515	6023499.425		2357.844	RS-700	1.31977364780
15559	9/13/2019 8:21:24		-122.361	37.717	2088906.514	6023499.454		2353.080	RS-700	1.28981308176
15560	9/13/2019 8:21:25		-122.361	37.717	2088906.515	6023499.425		2364.729	RS-700	1.36307427673
15561	9/13/2019 8:21:26		-122.361	37.717	2088906.515	6023499.425		2410.622	RS-700	1.65171364780
15562	9/13/2019 8:21:27		-122.361	37.717	2088906.515	6023499.425		2260.362	RS-700	0.70667968554
15563	9/13/2019 8:21:28		-122.361	37.717	2088906.515	6023499.425		2228.565	RS-700	0.50669798742
15564	9/13/2019 8:21:29		-122.361	37.717	2088906.552	6023499.397		2370.559	RS-700	1.39974081761
15565	9/13/2019 8:21:30		-122.361	37.717	2088906.516	6023499.396		2436.752	RS-700	1.81605283019
15566	9/13/2019 8:21:31		-122.361	37.717	2088906.516	6023499.367		2328.951	RS-700	1.13805471698
15567	9/13/2019 8:21:32		-122.361	37.717	2088906.479	6023499.395		2369.849	RS-700	1.39527635220
15568	9/13/2019 8:21:33		-122.361	37.717	2088906.480	6023499.367		2371.088	RS-700	1.40307201258
15569	9/13/2019 8:21:34		-122.361	37.717	2088906.479	6023499.395		2337.445	RS-700	1.19147704403
15570	9/13/2019 8:21:35		-122.361	37.717	2088906.443	6023499.366		2300.054	RS-700	0.95631484277
15571	9/13/2019 8:21:36		-122.361	37.717	2088906.443	6023499.366		2419.473	RS-700	1.70737471698
15572	9/13/2019 8:21:37		-122.361	37.717	2088906.443	6023499.366		2335.093	RS-700	1.17668654088
15573	9/13/2019 8:21:38		-122.361	37.717	2088906.443	6023499.366		2307.280	RS-700	1.00176037736
15574	9/13/2019 8:21:39		-122.361	37.717	2088906.443	6023499.366		2364.558	RS-700	1.36200301887
15575	9/13/2019 8:21:40		-122.361	37.717	2088906.407	6023499.365		2342.676	RS-700	1.22437496855
15576	9/13/2019 8:21:41		-122.361	37.717	2088906.407	6023499.365		2337.950	RS-700	1.19465459119
15577	9/13/2019 8:21:42		-122.361	37.717	2088906.370	6023499.364		2327.649	RS-700	1.12986823899
15578	9/13/2019 8:21:43		-122.361	37.717	2088906.370	6023499.364		2361.216	RS-700	1.34098031447
15579	9/13/2019 8:21:44		-122.361	37.717	2088906.334	6023499.364		2334.372	RS-700	1.17214880503
15580	9/13/2019 8:21:45		-122.361	37.717	2088906.335	6023499.335		2359.804	RS-700	1.33209924528
15581	9/13/2019 8:21:46		-122.361	37.717	2088906.298	6023499.334		2349.257	RS-700	1.26576811321
15582	9/13/2019 8:21:47		-122.361	37.717	2088906.335	6023499.335		2284.164	RS-700	0.85637503145
15583	9/13/2019 8:21:48		-122.361	37.717	2088906.298	6023499.334		2350.961	RS-700	1.27648534591
15584	9/13/2019 8:21:49		-122.361	37.717	2088906.298	6023499.334		2364.969	RS-700	1.36458289308
15585	9/13/2019 8:21:50		-122.361	37.717	2088906.335	6023499.335		2302.745	RS-700	0.97323968554
15586	9/13/2019 8:21:51		-122.361	37.717	2088906.299	6023499.305		2297.594	RS-700	0.94083987421
15587	9/13/2019 8:21:52		-122.361	37.717	2088906.299	6023499.305		2382.742	RS-700	1.47636710692
15588	9/13/2019 8:21:53		-122.361	37.717	2088906.299	6023499.305		2277.725	RS-700	0.81587861635
15589	9/13/2019 8:21:54		-122.361	37.717	2088906.299	6023499.305		2312.945	RS-700	1.03739176101
15590	9/13/2019 8:21:55		-122.361	37.717	2088906.263	6023499.275		2315.820	RS-700	1.05547025157
15591	9/13/2019 8:21:56		-122.361	37.717	2088906.263	6023499.275		2269.608	RS-700	0.76483314465
15592	9/13/2019 8:21:57		-122.361	37.717	2088906.262	6023499.304		2331.843	RS-700	1.15624830189
15593	9/13/2019 8:21:58		-122.361	37.717	2088906.254	6023499.709		2326.092	RS-700	1.12007603774
15594	9/13/2019 8:21:59		-122.361	37.717	2088906.119	6023501.037		2217.900	RS-700	0.43962150943
15595	9/13/2019 8:22:00		-122.361	37.717	2088905.997	6023501.642		2373.730	RS-700	1.41968471698
15596	9/13/2019 8:22:01		-122.361	37.717	2088906.637	6023500.614		2348.555	RS-700	1.26135037736
15597	9/13/2019 8:22:02		-122.361	37.717	2088908.162	6023499.024		2374.740	RS-700	1.42603949686
15598	9/13/2019 8:22:03		-122.361	37.717	2088910.082	6023497.673		2384.994	RS-700	1.49052559748
15599	9/13/2019 8:22:04		-122.361	37.717	2088912.183	6023496.442		2271.379	RS-700	0.77596842767
15600	9/13/2019 8:22:05		-122.361	37.717	2088914.207	6023495.383		2239.920	RS-700	0.57811264151
15601	9/13/2019 8:22:06		-122.361	37.717	2088916.048	6023494.349		2197.682	RS-700	0.31246672956
15602	9/13/2019 8:22:07		-122.361	37.717	2088917.155	6023493.648		2149.310	RS-700	0.00823918239
15603	9/13/2019 8:22:08		-122.361	37.717	2088917.340	6023493.507		2288.046	RS-700	0.88079490566
15604	9/13/2019 8:22:09		-122.361	37.717	2088917.340	6023493.507		2339.713	RS-700	1.20573937107
15605	9/13/2019 8:22:10		-122.361	37.717	2088917.340	6023493.507		2241.140	RS-700	0.58578679245
15606	9/13/2019 8:22:11		-122.361	37.717	2088917.376	6023493.508		2240.916	RS-700	0.58437710692
15607	9/13/2019 8:22:12		-122.361	37.717	2088917.376	6023493.537		2278.385	RS-700	0.82003383648
15608	9/13/2019 8:22:13		-122.361	37.717	2088917.412	6023493.537		2166.897	RS-700	0.11884805031
15609	9/13/2019 8:22:14		-122.361	37.717	2088917.412	6023493.537		2226.568	RS-700	0.49413584906
15610	9/13/2019 8:22:15		-122.361	37.717	2088917.412	6023493.537		2231.913	RS-700	0.52775163522
15611	9/13/2019 8:22:16		-122.361	37.717	2088917.448	6023493.538		2316.783	RS-700	1.06152522013
15612	9/13/2019 8:22:17		-122.361	37.717	2088917.448	6023493.538		2315.173	RS-700	1.05140471698
15613	9/13/2019 8:22:18		-122.361	37.717	2088917.484	6023493.568		2243.131	RS-700	0.59830641509
15614	9/13/2019 8:22:19		-122.361	37.717	2088917.448	6023493.538		2261.696	RS-700	0.71507169811
15615	9/13/2019 8:22:20		-122.361	37.717	2088917.485	6023493.510		2245.478	RS-700	0.61306735849

Gamma Scan Survey Results
Survey Unit 4 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
15616	9/13/2019 8:22:21		-122.361	37.717	2088917.521	6023493.540		2325.530	RS-700	1.11653993711
15617	9/13/2019 8:22:22		-122.361	37.717	2088917.521	6023493.569		2291.521	RS-700	0.90264647799
15618	9/13/2019 8:22:23		-122.361	37.717	2088917.521	6023493.569		2280.576	RS-700	0.83380874214
15619	9/13/2019 8:22:24		-122.361	37.717	2088917.521	6023493.569		2299.070	RS-700	0.95012735849
15620	9/13/2019 8:22:25		-122.361	37.717	2088917.521	6023493.569		2268.543	RS-700	0.75813339623
15621	9/13/2019 8:22:26		-122.361	37.717	2088917.484	6023493.568		2261.698	RS-700	0.71508440252
15622	9/13/2019 8:22:27		-122.361	37.717	2088917.521	6023493.540		2282.704	RS-700	0.84719264151
15623	9/13/2019 8:22:28		-122.361	37.717	2088917.521	6023493.569		2296.502	RS-700	0.93397603774
15624	9/13/2019 8:22:29		-122.361	37.717	2088917.521	6023493.569		2267.586	RS-700	0.75211327044
15625	9/13/2019 8:22:30		-122.361	37.717	2088917.484	6023493.568		2211.131	RS-700	0.39704761006
15626	9/13/2019 8:22:31		-122.361	37.717	2088917.521	6023493.540		2245.166	RS-700	0.61110779874
15627	9/13/2019 8:22:32		-122.361	37.717	2088917.705	6023493.457		2266.042	RS-700	0.74240308176
15628	9/13/2019 8:22:33		-122.361	37.717	2088918.259	6023493.063		2162.781	RS-700	0.09296006289
15629	9/13/2019 8:22:34		-122.361	37.717	2088919.223	6023492.185		2217.449	RS-700	0.43678446541
15630	9/13/2019 8:22:35		-122.361	37.717	2088920.154	6023491.162		2276.587	RS-700	0.80872534591
15631	9/13/2019 8:22:36		-122.361	37.717	2088920.902	6023490.164		2290.185	RS-700	0.89424264151
15632	9/13/2019 8:22:37		-122.361	37.717	2088921.461	6023489.568		2329.759	RS-700	1.14313874214
15633	9/13/2019 8:22:38		-122.361	37.717	2088922.424	6023488.719		2268.142	RS-700	0.75561119497
15634	9/13/2019 8:22:39		-122.361	37.717	2088924.013	6023487.593		2189.895	RS-700	0.26349188679
15635	9/13/2019 8:22:40		-122.361	37.717	2088925.533	6023486.235		2146.754	RS-700	-0.00783641509
15636	9/13/2019 8:22:41		-122.361	37.717	2088926.759	6023485.044		2250.137	RS-700	0.64237157233
15637	9/13/2019 8:22:42		-122.361	37.717	2088927.504	6023484.191		2188.332	RS-700	0.25365974843
15638	9/13/2019 8:22:43		-122.361	37.717	2088928.103	6023483.364		2200.890	RS-700	0.33263930818
15639	9/13/2019 8:22:44		-122.361	37.717	2088928.850	6023482.424		2300.709	RS-700	0.96043547170
15640	9/13/2019 8:22:45		-122.361	37.717	2088930.154	6023480.975		2242.581	RS-700	0.59485194969
15641	9/13/2019 8:22:46		-122.361	37.717	2088931.606	6023479.383		2234.243	RS-700	0.54240924528
15642	9/13/2019 8:22:47		-122.361	37.717	2088933.099	6023477.562		2173.343	RS-700	0.15938899371
15643	9/13/2019 8:22:48		-122.361	37.717	2088934.448	6023475.650		2222.159	RS-700	0.46641025157
15644	9/13/2019 8:22:49		-122.361	37.717	2088935.720	6023473.911		2235.026	RS-700	0.54733238994
15645	9/13/2019 8:22:50		-122.361	37.717	2088936.848	6023472.139		2254.696	RS-700	0.67104591195
15646	9/13/2019 8:22:51		-122.361	37.717	2088937.864	6023470.511		2326.838	RS-700	1.12476679245
15647	9/13/2019 8:22:52		-122.361	37.717	2088938.915	6023468.940		2274.286	RS-700	0.79425257862
15648	9/13/2019 8:22:53		-122.361	37.717	2088940.075	6023467.401		2167.458	RS-700	0.12237433962
15649	9/13/2019 8:22:54		-122.361	37.717	2088941.124	6023465.889		2216.791	RS-700	0.43265031447
15650	9/13/2019 8:22:55		-122.361	37.717	2088942.247	6023464.378		2167.661	RS-700	0.12365522013
15651	9/13/2019 8:22:56		-122.361	37.717	2088943.407	6023462.810		2207.342	RS-700	0.37322226415
15652	9/13/2019 8:22:57		-122.361	37.717	2088944.533	6023461.154		2220.794	RS-700	0.45782559748
15653	9/13/2019 8:22:58		-122.361	37.717	2088945.589	6023459.323		2183.001	RS-700	0.22013000000
15654	9/13/2019 8:22:59		-122.361	37.717	2088946.540	6023457.288		2160.765	RS-700	0.08028113208
15655	9/13/2019 8:23:00		-122.361	37.717	2088947.005	6023455.851		2134.770	RS-700	-0.08320899371
15656	9/13/2019 8:23:01		-122.361	37.717	2088947.042	6023455.823		2134.383	RS-700	-0.08564012579
15657	9/13/2019 8:23:02		-122.361	37.717	2088947.119	6023455.622		2120.448	RS-700	-0.17328106918
15658	9/13/2019 8:23:03		-122.361	37.717	2088947.586	6023454.127		2188.884	RS-700	0.25713327044
15659	9/13/2019 8:23:04		-122.361	37.717	2088948.493	6023452.467		2212.798	RS-700	0.40753333333
15660	9/13/2019 8:23:05		-122.361	37.717	2088949.806	6023450.555		2160.626	RS-700	0.07941106918
15661	9/13/2019 8:23:06		-122.361	37.717	2088951.330	6023448.965		2115.968	RS-700	-0.20145830189
15662	9/13/2019 8:23:07		-122.361	37.717	2088952.964	6023447.406		2183.566	RS-700	0.22368584906
15663	9/13/2019 8:23:08		-122.361	37.717	2088954.519	6023446.135		2287.968	RS-700	0.88030018868
15664	9/13/2019 8:23:09		-122.361	37.717	2088956.181	6023444.953		2274.038	RS-700	0.79269150943
15665	9/13/2019 8:23:10		-122.361	37.717	2088957.956	6023443.629		2253.939	RS-700	0.66628245283
15666	9/13/2019 8:23:11		-122.361	37.717	2088959.698	6023442.072		2317.830	RS-700	1.06811459119
15667	9/13/2019 8:23:12		-122.361	37.717	2088961.297	6023440.426		2353.726	RS-700	1.29387578616
15668	9/13/2019 8:23:13		-122.361	37.717	2088962.565	6023438.918		2318.944	RS-700	1.07511679245
15669	9/13/2019 8:23:14		-122.361	37.717	2088963.541	6023437.462		2224.692	RS-700	0.48233955975
15670	9/13/2019 8:23:15		-122.361	37.717	2088964.297	6023436.088		2343.606	RS-700	1.23022886792
15671	9/13/2019 8:23:16		-122.361	37.717	2088964.942	6023434.770		2374.083	RS-700	1.42190509434
15672	9/13/2019 8:23:17		-122.361	37.717	2088965.550	6023433.481		2303.831	RS-700	0.98006930818
15673	9/13/2019 8:23:18		-122.361	37.717	2088966.562	6023432.054		2314.946	RS-700	1.04997276730
15674	9/13/2019 8:23:19		-122.361	37.717	2088967.980	6023430.347		2328.830	RS-700	1.13729364780
15675	9/13/2019 8:23:20		-122.361	37.717	2088969.434	6023428.669		2331.479	RS-700	1.15395383648
15676	9/13/2019 8:23:21		-122.361	37.717	2088970.701	6023427.218		2252.807	RS-700	0.65916446541

Gamma Scan Survey Results
Survey Unit 4 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
15677	9/13/2019 8:23:22		-122.361	37.717	2088971.931	6023425.796		2228.368	RS-700	0.50546044025
15678	9/13/2019 8:23:23		-122.361	37.717	2088973.345	6023424.262		2231.014	RS-700	0.52210238994
15679	9/13/2019 8:23:24		-122.361	37.717	2088974.722	6023422.785		2245.587	RS-700	0.61375503145
15680	9/13/2019 8:23:25		-122.361	37.717	2088975.658	6023421.531		2271.284	RS-700	0.77536830189
15681	9/13/2019 8:23:26		-122.361	37.717	2088976.409	6023420.360		2173.771	RS-700	0.16208408805
15682	9/13/2019 8:23:27		-122.361	37.717	2088976.934	6023419.618		2356.194	RS-700	1.30939484277
15683	9/13/2019 8:23:28		-122.361	37.717	2088976.972	6023419.532		2308.053	RS-700	1.00662484277
15684	9/13/2019 8:23:29		-122.361	37.717	2088977.008	6023419.562		2268.038	RS-700	0.75495396226
15685	9/13/2019 8:23:30		-122.361	37.717	2088977.723	6023418.419		2332.961	RS-700	1.16327817610
15686	9/13/2019 8:23:31		-122.361	37.717	2088978.779	6023416.559		2234.686	RS-700	0.54519440252
15687	9/13/2019 8:23:32		-122.361	37.717	2088979.908	6023414.730		2274.318	RS-700	0.79445000000
15688	9/13/2019 8:23:33		-122.361	37.717	2088981.004	6023412.727		2248.801	RS-700	0.63396880503
15689	9/13/2019 8:23:34		-122.361	37.717	2088981.993	6023410.606		2126.765	RS-700	-0.13355364780
15690	9/13/2019 8:23:35		-122.361	37.717	2088982.764	6023408.451		2216.460	RS-700	0.43056672956
15691	9/13/2019 8:23:36		-122.361	37.717	2088983.425	6023406.352		2178.790	RS-700	0.19365044025
15692	9/13/2019 8:23:37		-122.361	37.717	2088984.305	6023404.258		2225.579	RS-700	0.48791635220
15693	9/13/2019 8:23:38		-122.361	37.717	2088985.473	6023402.285		2256.696	RS-700	0.68362345912
15694	9/13/2019 8:23:39		-122.361	37.717	2088987.003	6023400.406		2321.776	RS-700	1.09292905660
15695	9/13/2019 8:23:40		-122.361	37.717	2088988.928	6023398.853		2269.268	RS-700	0.76268880503
15696	9/13/2019 8:23:41		-122.361	37.717	2088990.921	6023397.533		2334.961	RS-700	1.17585220126
15697	9/13/2019 8:23:42		-122.361	37.717	2088992.872	6023396.472		2327.842	RS-700	1.13108295597
15698	9/13/2019 8:23:43		-122.361	37.717	2088994.717	6023395.265		2279.844	RS-700	0.82920654088
15699	9/13/2019 8:23:44		-122.361	37.717	2088996.460	6023393.680		2307.179	RS-700	1.00112591195
15700	9/13/2019 8:23:45		-122.361	37.717	2088997.954	6023391.829		2219.914	RS-700	0.45228968554
15701	9/13/2019 8:23:46		-122.361	37.717	2088999.117	6023390.116		2231.911	RS-700	0.52774245283
15702	9/13/2019 8:23:47		-122.361	37.717	2089000.132	6023388.545		2282.918	RS-700	0.84853955975
15703	9/13/2019 8:23:48		-122.361	37.717	2089001.294	6023386.890		2307.290	RS-700	1.00182566038
15704	9/13/2019 8:23:49		-122.361	37.717	2089002.573	6023384.804		2305.919	RS-700	0.99319905660
15705	9/13/2019 8:23:50		-122.361	37.717	2089003.895	6023382.429		2270.367	RS-700	0.76960641509
15706	9/13/2019 8:23:51		-122.361	37.717	2089004.960	6023380.165		2222.791	RS-700	0.47038276730
15707	9/13/2019 8:23:52		-122.361	37.717	2089005.831	6023378.475		2232.688	RS-700	0.53262924528
15708	9/13/2019 8:23:53		-122.361	37.717	2089006.701	6023376.872		2228.790	RS-700	0.50811031447
15709	9/13/2019 8:23:54		-122.361	37.717	2089007.571	6023375.241		2298.933	RS-700	0.94926616352
15710	9/13/2019 8:23:55		-122.361	37.717	2089008.692	6023373.787		2155.446	RS-700	0.04682955975
15711	9/13/2019 8:23:56		-122.361	37.717	2089010.030	6023372.454		2191.666	RS-700	0.27463050315
15712	9/13/2019 8:23:57		-122.361	37.717	2089011.697	6023371.012		2152.985	RS-700	0.03135106918
15713	9/13/2019 8:23:58		-122.361	37.717	2089013.210	6023370.059		2197.899	RS-700	0.31382710692
15714	9/13/2019 8:23:59		-122.361	37.717	2089014.240	6023369.529		2212.810	RS-700	0.40760836478
15715	9/13/2019 8:24:00		-122.361	37.717	2089014.203	6023369.529		2200.447	RS-700	0.32985477987
15716	9/13/2019 8:24:01		-122.361	37.717	2089014.166	6023369.557		2215.686	RS-700	0.42569528302
15717	9/13/2019 8:24:02		-122.361	37.717	2089014.130	6023369.556		2164.977	RS-700	0.10677188679
15718	9/13/2019 8:24:03		-122.361	37.717	2089014.131	6023369.527		2218.462	RS-700	0.44315408805
15719	9/13/2019 8:24:04		-122.361	37.717	2089014.130	6023369.556		2208.794	RS-700	0.38235484277
15720	9/13/2019 8:24:05		-122.361	37.717	2089014.094	6023369.526		2217.248	RS-700	0.43552471698
15721	9/13/2019 8:24:06		-122.361	37.717	2089014.058	6023369.497		2247.236	RS-700	0.62412352201
15722	9/13/2019 8:24:07		-122.361	37.717	2089014.021	6023369.525		2207.675	RS-700	0.37531553459
15723	9/13/2019 8:24:08		-122.361	37.717	2089014.279	6023369.414		2124.868	RS-700	-0.14548522013
15724	9/13/2019 8:24:09		-122.361	37.717	2089015.497	6023368.600		2252.033	RS-700	0.65429245283
15725	9/13/2019 8:24:10		-122.361	37.717	2089017.091	6023367.156		2238.575	RS-700	0.56965584906
15726	9/13/2019 8:24:11		-122.361	37.717	2089018.442	6023365.187		2314.182	RS-700	1.04516698113
15727	9/13/2019 8:24:12		-122.361	37.717	2089019.431	6023363.065		2220.917	RS-700	0.45859691824
15728	9/13/2019 8:24:13		-122.361	37.717	2089020.023	6023360.763		2165.641	RS-700	0.11094867925
15729	9/13/2019 8:24:14		-122.361	37.717	2089020.685	6023358.577		2185.996	RS-700	0.23896930818
15730	9/13/2019 8:24:15		-122.361	37.717	2089021.562	6023356.627		2111.543	RS-700	-0.22928937107
15731	9/13/2019 8:24:16		-122.361	37.717	2089022.688	6023354.943		2236.935	RS-700	0.55933654088
15732	9/13/2019 8:24:17		-122.361	37.717	2089024.177	6023353.295		2172.648	RS-700	0.15501654088
15733	9/13/2019 8:24:18		-122.361	37.717	2089025.955	6023351.826		2329.200	RS-700	1.13962132075
15734	9/13/2019 8:24:19		-122.361	37.717	2089027.838	6023350.503		2261.806	RS-700	0.71576069182
15735	9/13/2019 8:24:20		-122.361	37.717	2089029.757	6023349.240		2143.093	RS-700	-0.03086308176
15736	9/13/2019 8:24:21		-122.361	37.717	2089031.828	6023347.661		2219.459	RS-700	0.44942710692
15737	9/13/2019 8:24:22		-122.361	37.717	2089033.900	6023346.053		2209.920	RS-700	0.38943503145

Gamma Scan Survey Results
Survey Unit 4 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
15738	9/13/2019 8:24:23		-122.361	37.717	2089035.647	6023344.236		2146.556	RS-700	-0.00908056604
15739	9/13/2019 8:24:24		-122.361	37.717	2089037.178	6023342.357		2284.383	RS-700	0.85775591195
15740	9/13/2019 8:24:25		-122.361	37.717	2089038.750	6023340.219		2109.750	RS-700	-0.24056767296
15741	9/13/2019 8:24:26		-122.361	37.717	2089040.063	6023338.306		2178.779	RS-700	0.19358069182
15742	9/13/2019 8:24:27		-122.361	37.717	2089041.454	6023336.107		2193.675	RS-700	0.28726591195
15743	9/13/2019 8:24:28		-122.361	37.717	2089042.878	6023334.081		2129.973	RS-700	-0.11338006289
15744	9/13/2019 8:24:29		-122.361	37.717	2089044.370	6023332.317		2165.567	RS-700	0.11048408805
15745	9/13/2019 8:24:30		-122.361	37.717	2089045.969	6023330.671		2071.634	RS-700	-0.48029025157
15746	9/13/2019 8:24:31		-122.361	37.717	2089047.388	6023328.905		2209.682	RS-700	0.38793509434
15747	9/13/2019 8:24:32		-122.361	37.717	2089048.774	6023326.965		2132.661	RS-700	-0.09647163522
15748	9/13/2019 8:24:33		-122.361	37.717	2089050.164	6023324.823		2149.985	RS-700	0.01248666667
15749	9/13/2019 8:24:34		-122.361	37.717	2089051.409	6023322.678		2181.672	RS-700	0.21177169811
15750	9/13/2019 8:24:35		-122.361	37.717	2089052.428	6023320.847		2173.669	RS-700	0.16144075472
15751	9/13/2019 8:24:36		-122.361	37.717	2089053.230	6023319.012		2243.699	RS-700	0.60187993711
15752	9/13/2019 8:24:37		-122.361	37.717	2089053.965	6023316.827		2160.094	RS-700	0.07606226415
15753	9/13/2019 8:24:38		-122.361	37.717	2089054.628	6023314.613		2145.776	RS-700	-0.01398616352
15754	9/13/2019 8:24:39		-122.361	37.717	2089055.285	6023312.717		2164.774	RS-700	0.10549641509
15755	9/13/2019 8:24:40		-122.361	37.717	2089056.412	6023311.003		2187.896	RS-700	0.25092132076
15756	9/13/2019 8:24:41		-122.361	37.717	2089057.867	6023309.239		2198.678	RS-700	0.31872930818
15757	9/13/2019 8:24:42		-122.361	37.717	2089059.247	6023307.588		2296.059	RS-700	0.93118761006
15758	9/13/2019 8:24:43		-122.361	37.717	2089060.589	6023306.053		2179.891	RS-700	0.20057119497
15759	9/13/2019 8:24:44		-122.361	37.717	2089061.745	6023304.687		2162.672	RS-700	0.09227364780
15760	9/13/2019 8:24:45		-122.361	37.717	2089062.750	6023303.607		2182.552	RS-700	0.21730874214
15761	9/13/2019 8:24:46		-122.361	37.717	2089063.755	6023302.528		2235.139	RS-700	0.54804301887
15762	9/13/2019 8:24:47		-122.361	37.717	2089065.089	6023301.369		2225.029	RS-700	0.48446094340
15763	9/13/2019 8:24:48		-122.361	37.717	2089066.497	6023300.181		2265.703	RS-700	0.74026962264
15764	9/13/2019 8:24:49		-122.361	37.717	2089067.798	6023298.819		2352.951	RS-700	1.28900295597
15765	9/13/2019 8:24:50		-122.361	37.717	2089069.176	6023297.313		2364.667	RS-700	1.36268553459
15766	9/13/2019 8:24:51		-122.361	37.717	2089070.593	6023295.634		2263.574	RS-700	0.72687955975
15767	9/13/2019 8:24:52		-122.361	37.717	2089071.938	6023293.954		2265.812	RS-700	0.74095767296
15768	9/13/2019 8:24:53		-122.361	37.717	2089073.054	6023292.732		2242.130	RS-700	0.59201264151
15769	9/13/2019 8:24:54		-122.361	37.717	2089073.467	6023292.133		2304.713	RS-700	0.98561459120
15770	9/13/2019 8:24:55		-122.361	37.717	2089073.767	6023291.705		2401.107	RS-700	1.59186880503
15771	9/13/2019 8:24:56		-122.361	37.717	2089074.439	6023290.850		2348.430	RS-700	1.26056427673
15772	9/13/2019 8:24:57		-122.361	37.717	2089074.328	6023290.935		2334.186	RS-700	1.17098301887
15773	9/13/2019 8:24:58		-122.361	37.717	2089074.402	6023290.907		2373.566	RS-700	1.41865515723
15774	9/13/2019 8:24:59		-122.361	37.718	2089075.371	6023289.770		2378.207	RS-700	1.44784201258
15775	9/13/2019 8:25:00		-122.361	37.718	2089076.492	6023288.374		2342.728	RS-700	1.22470572327
15776	9/13/2019 8:25:01		-122.361	37.718	2089077.903	6023287.014		2208.347	RS-700	0.37953899371
15777	9/13/2019 8:25:02		-122.361	37.718	2089079.461	6023285.569		2214.332	RS-700	0.41718509434
15778	9/13/2019 8:25:03		-122.361	37.718	2089080.986	6023283.951		2245.369	RS-700	0.61238182390
15779	9/13/2019 8:25:04		-122.361	37.718	2089082.221	6023282.326		2275.041	RS-700	0.79900232704
15780	9/13/2019 8:25:05		-122.361	37.718	2089083.202	6023280.581		2313.055	RS-700	1.03808320755
15781	9/13/2019 8:25:06		-122.361	37.718	2089084.224	6023278.634		2210.903	RS-700	0.39561666667
15782	9/13/2019 8:25:07		-122.361	37.718	2089085.244	6023276.803		2249.036	RS-700	0.63544540881
15783	9/13/2019 8:25:08		-122.361	37.718	2089086.291	6023275.435		2185.807	RS-700	0.23778207547
15784	9/13/2019 8:25:09		-122.361	37.718	2089086.930	6023274.435		2277.822	RS-700	0.81649283019
15785	9/13/2019 8:25:10		-122.361	37.718	2089087.972	6023273.299		2166.992	RS-700	0.11944798742
15786	9/13/2019 8:25:11		-122.362	37.718	2089089.244	6023271.617		2182.896	RS-700	0.21947075472
15787	9/13/2019 8:25:12		-122.362	37.718	2089090.555	6023269.763		2188.895	RS-700	0.25720301887
15788	9/13/2019 8:25:13		-122.362	37.718	2089091.573	6023268.047		2132.338	RS-700	-0.09850188679
15789	9/13/2019 8:25:14		-122.362	37.718	2089092.297	6023266.441		2190.454	RS-700	0.26700578616
15790	9/13/2019 8:25:15		-122.362	37.718	2089092.758	6023265.206		2147.198	RS-700	-0.00504238994
15791	9/13/2019 8:25:16		-122.362	37.718	2089093.592	6023263.574		2210.683	RS-700	0.39423534591
15792	9/13/2019 8:25:17		-122.362	37.718	2089094.723	6023261.658		2182.897	RS-700	0.21947704403
15793	9/13/2019 8:25:18		-122.362	37.718	2089096.182	6023259.720		2186.893	RS-700	0.24461018868
15794	9/13/2019 8:25:19		-122.362	37.718	2089097.675	6023257.898		2248.358	RS-700	0.63118037736
15795	9/13/2019 8:25:20		-122.362	37.718	2089099.060	6023255.987		2183.566	RS-700	0.22368540881
15796	9/13/2019 8:25:21		-122.362	37.718	2089100.185	6023254.361		2313.826	RS-700	1.04292955975
15797	9/13/2019 8:25:22		-122.362	37.718	2089101.643	6023252.451		2281.815	RS-700	0.84160283019
15798	9/13/2019 8:25:23		-122.362	37.718	2089103.574	6023250.580		2355.960	RS-700	1.30792503145

Gamma Scan Survey Results
Survey Unit 4 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
15799	9/13/2019 8:25:24		-122.362	37.718	2089105.355	6023248.967		2660.498	RS-700	1.36216319648
15800	9/13/2019 8:25:25		-122.362	37.718	2089106.916	6023247.349		2746.669	RS-700	1.61486486804
15801	9/13/2019 8:25:26		-122.362	37.718	2089108.070	6023246.099		2621.947	RS-700	1.24911258065
15802	9/13/2019 8:25:27		-122.362	37.718	2089109.222	6023244.936		2054.942	RS-700	-0.41366023460
15803	9/13/2019 8:25:28		-122.362	37.718	2089110.526	6023243.486		1608.496	RS-700	-1.72288662757
15804	9/13/2019 8:25:29		-122.362	37.718	2089112.049	6023241.983		1856.758	RS-700	-0.99484337243
15805	9/13/2019 8:25:30		-122.362	37.718	2089113.433	6023240.130		2594.581	RS-700	1.16885862170
15806	9/13/2019 8:25:31		-122.362	37.718	2089115.484	6023237.741		2531.917	RS-700	0.98509316716
15807	9/13/2019 8:25:32		-122.362	37.718	2089118.006	6023235.477		2299.983	RS-700	0.30493580645
15808	9/13/2019 8:25:33		-122.362	37.718	2089120.050	6023233.377		2237.689	RS-700	0.56408421384
15809	9/13/2019 8:25:34		-122.362	37.718	2089121.764	6023231.472		2279.245	RS-700	0.82544000000
15810	9/13/2019 8:25:35		-122.362	37.718	2089123.296	6023229.507		2185.002	RS-700	0.23271427673
15811	9/13/2019 8:25:36		-122.362	37.718	2089124.568	6023227.796		2265.563	RS-700	0.73938798742
15812	9/13/2019 8:25:37		-122.362	37.718	2089125.501	6023226.657		2144.303	RS-700	-0.02325044025
15813	9/13/2019 8:25:38		-122.362	37.718	2089126.318	6023225.893		2240.917	RS-700	0.58438522013
15814	9/13/2019 8:25:39		-122.362	37.718	2089127.283	6023224.986		2198.025	RS-700	0.31462327044
15815	9/13/2019 8:25:40		-122.362	37.718	2089128.506	6023223.911		2314.804	RS-700	1.04908037736
15816	9/13/2019 8:25:41		-122.362	37.718	2089128.915	6023223.485		2248.131	RS-700	0.62975433962
15817	9/13/2019 8:25:42		-122.362	37.718	2089129.064	6023223.286		2229.914	RS-700	0.51518132076
15818	9/13/2019 8:25:43		-122.362	37.718	2089129.595	6023222.226		2233.811	RS-700	0.53969440252
15819	9/13/2019 8:25:44		-122.362	37.718	2089129.839	6023220.958		2300.054	RS-700	0.95631421384
15820	9/13/2019 8:25:45		-122.362	37.718	2089129.646	6023219.710		2293.812	RS-700	0.91705597484
15821	9/13/2019 8:25:46		-122.362	37.718	2089129.412	6023218.635		2167.100	RS-700	0.12012628931
15822	9/13/2019 8:25:47		-122.362	37.718	2089129.214	6023217.618		2253.368	RS-700	0.66269157233
15823	9/13/2019 8:25:48		-122.362	37.718	2089129.211	6023215.911		2299.170	RS-700	0.95075477987
15824	9/13/2019 8:25:49		-122.362	37.718	2089129.651	6023213.924		2283.475	RS-700	0.85204364780
15825	9/13/2019 8:25:50		-122.362	37.718	2089130.744	6023212.065		2218.128	RS-700	0.44105540881
15826	9/13/2019 8:25:51		-122.362	37.718	2089132.307	6023210.389		2287.391	RS-700	0.87667364780
15827	9/13/2019 8:25:52		-122.362	37.718	2089134.009	6023209.093		2216.802	RS-700	0.43271490566
15828	9/13/2019 8:25:53		-122.362	37.718	2089135.924	6023208.002		2251.256	RS-700	0.64940792453
15829	9/13/2019 8:25:54		-122.362	37.718	2089138.058	6023206.917		2177.456	RS-700	0.18526075472
15830	9/13/2019 8:25:55		-122.362	37.718	2089140.373	6023205.863		2239.359	RS-700	0.57458308176
15831	9/13/2019 8:25:56		-122.362	37.718	2089142.472	6023204.690		2303.962	RS-700	0.98089081761
15832	9/13/2019 8:25:57		-122.362	37.718	2089144.141	6023203.190		2242.025	RS-700	0.59135352201
15833	9/13/2019 8:25:58		-122.362	37.718	2089145.743	6023201.399		2282.618	RS-700	0.84665635220
15834	9/13/2019 8:25:59		-122.362	37.718	2089147.204	6023199.345		2286.504	RS-700	0.87109314465
15835	9/13/2019 8:26:00		-122.362	37.718	2089148.628	6023197.348		2403.859	RS-700	1.60917622642
15836	9/13/2019 8:26:01		-122.362	37.718	2089150.048	6023195.496		2303.950	RS-700	0.98082037736
15837	9/13/2019 8:26:02		-122.362	37.718	2089151.431	6023193.759		2331.193	RS-700	1.15215433962
15838	9/13/2019 8:26:03		-122.362	37.718	2089152.884	6023192.081		2324.838	RS-700	1.11218572327
15839	9/13/2019 8:26:04		-122.362	37.718	2089154.001	6023190.859		2291.714	RS-700	0.90386427673
15840	9/13/2019 8:26:05		-122.362	37.718	2089154.894	6023189.922		2253.035	RS-700	0.66059666667
15841	9/13/2019 8:26:06		-122.362	37.718	2089156.166	6023188.241		2270.822	RS-700	0.77246496855
15842	9/13/2019 8:26:07		-122.362	37.718	2089157.514	6023186.358		2400.343	RS-700	1.58706540881
15843	9/13/2019 8:26:08		-122.362	37.718	2089158.790	6023184.445		2417.094	RS-700	1.69241339623
15844	9/13/2019 8:26:09		-122.362	37.718	2089160.144	6023182.302		2331.737	RS-700	1.15557786164
15845	9/13/2019 8:26:10		-122.362	37.718	2089161.464	6023180.014		2437.383	RS-700	1.82001805031
15846	9/13/2019 8:26:11		-122.362	37.718	2089162.559	6023178.069		2339.302	RS-700	1.20315597484
15847	9/13/2019 8:26:12		-122.362	37.718	2089163.510	6023176.063		2363.534	RS-700	1.35556157233
15848	9/13/2019 8:26:13		-122.362	37.718	2089164.643	6023174.002		2413.338	RS-700	1.66879176101
15849	9/13/2019 8:26:14		-122.362	37.718	2089165.521	6023171.995		2371.865	RS-700	1.40795685535
15850	9/13/2019 8:26:15		-122.362	37.718	2089166.175	6023170.214		2335.730	RS-700	1.18069094340
15851	9/13/2019 8:26:16		-122.362	37.718	2089166.938	6023168.493		2368.204	RS-700	1.38493182390
15852	9/13/2019 8:26:17		-122.362	37.718	2089167.919	6023166.748		2297.718	RS-700	0.94162377359
15853	9/13/2019 8:26:18		-122.362	37.718	2089169.523	6023164.842		2261.257	RS-700	0.71230735849
15854	9/13/2019 8:26:19		-122.362	37.718	2089171.450	6023163.173		2323.949	RS-700	1.10659867925
15855	9/13/2019 8:26:20		-122.362	37.718	2089173.736	6023161.772		2343.258	RS-700	1.22803817610
15856	9/13/2019 8:26:21		-122.362	37.718	2089175.914	6023160.311		2333.600	RS-700	1.16729786164
15857	9/13/2019 8:26:22		-122.362	37.718	2089177.953	6023158.529		2285.390	RS-700	0.86408867925
15858	9/13/2019 8:26:23		-122.362	37.718	2089179.448	6023156.563		2165.317	RS-700	0.10891251572
15859	9/13/2019 8:26:24		-122.362	37.718	2089180.220	6023154.408		2213.017	RS-700	0.40891232704

Gamma Scan Survey Results
Survey Unit 4 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
15860	9/13/2019 8:26:25		-122.362	37.718	2089180.554	6023152.245		2286.817	RS-700	0.87306415094
15861	9/13/2019 8:26:26		-122.362	37.718	2089181.106	6023150.115		2389.216	RS-700	1.51708213836
15862	9/13/2019 8:26:27		-122.362	37.718	2089182.131	6023148.053		2345.993	RS-700	1.24523987421
15863	9/13/2019 8:26:28		-122.362	37.718	2089183.667	6023145.885		2209.131	RS-700	0.38447427673
15864	9/13/2019 8:26:29		-122.362	37.718	2089185.492	6023143.838		2372.610	RS-700	1.41263968553
15865	9/13/2019 8:26:30		-122.362	37.718	2089187.166	6023142.107		2401.578	RS-700	1.59483012579
15866	9/13/2019 8:26:31		-122.362	37.718	2089188.391	6023140.916		2396.865	RS-700	1.56519069182
15867	9/13/2019 8:26:32		-122.362	37.718	2089189.691	6023139.669		2498.144	RS-700	2.20216522013
15868	9/13/2019 8:26:33		-122.362	37.718	2089190.995	6023138.161		2435.237	RS-700	1.80652138365
15869	9/13/2019 8:26:34		-122.362	37.718	2089192.367	6023136.916		2612.850	RS-700	2.92358440252
15870	9/13/2019 8:26:35		-122.362	37.718	2089193.817	6023135.469		2392.984	RS-700	1.54078144654
15871	9/13/2019 8:26:36		-122.362	37.718	2089195.481	6023134.200		2427.004	RS-700	1.75474201258
15872	9/13/2019 8:26:37		-122.362	37.718	2089196.891	6023132.898		2399.101	RS-700	1.57925320755
15873	9/13/2019 8:26:38		-122.362	37.718	2089198.342	6023131.335		2400.863	RS-700	1.59033515723
15874	9/13/2019 8:26:39		-122.362	37.718	2089199.835	6023129.514		2287.804	RS-700	0.87927314465
15875	9/13/2019 8:26:40		-122.362	37.718	2089201.185	6023127.544		2376.614	RS-700	1.43782477987
15876	9/13/2019 8:26:41		-122.362	37.718	2089202.206	6023125.684		2441.006	RS-700	1.84280761006
15877	9/13/2019 8:26:42		-122.362	37.718	2089202.708	6023124.219		2305.837	RS-700	0.99268660377
15878	9/13/2019 8:26:43		-122.362	37.718	2089202.772	6023122.831		2422.598	RS-700	1.72703383648
15879	9/13/2019 8:26:44		-122.362	37.718	2089203.098	6023121.102		2341.068	RS-700	1.21426534591
15880	9/13/2019 8:26:45		-122.362	37.718	2089203.717	6023119.263		2398.218	RS-700	1.57369754717
15881	9/13/2019 8:26:46		-122.362	37.718	2089204.885	6023117.319		2268.932	RS-700	0.76058069182
15882	9/13/2019 8:26:47		-122.362	37.718	2089206.305	6023115.496		2239.122	RS-700	0.57309584906
15883	9/13/2019 8:26:48		-122.362	37.718	2089207.937	6023113.995		2371.850	RS-700	1.40785899371
15884	9/13/2019 8:26:49		-122.362	37.718	2089209.640	6023112.640		2363.315	RS-700	1.35418371069
15885	9/13/2019 8:26:50		-122.362	37.718	2089211.374	6023111.488		2412.110	RS-700	1.66106710692
15886	9/13/2019 8:26:51		-122.362	37.718	2089212.962	6023110.421		2384.979	RS-700	1.49043584906
15887	9/13/2019 8:26:52		-122.362	37.718	2089214.514	6023109.265		2448.263	RS-700	1.88844628931
15888	9/13/2019 8:26:53		-122.362	37.718	2089216.000	6023107.820		2439.245	RS-700	1.83173100629
15889	9/13/2019 8:26:54		-122.362	37.718	2089217.272	6023106.109		2440.648	RS-700	1.84055641509
15890	9/13/2019 8:26:55		-122.362	37.718	2089218.401	6023104.280		2408.703	RS-700	1.63964352201
15891	9/13/2019 8:26:56		-122.362	37.718	2089219.388	6023102.246		2467.010	RS-700	2.00635031447
15892	9/13/2019 8:26:57		-122.362	37.718	2089220.451	6023100.097		2548.911	RS-700	2.52145194969
15893	9/13/2019 8:26:58		-122.362	37.718	2089221.586	6023097.979		2515.900	RS-700	2.31383477987
15894	9/13/2019 8:26:59		-122.362	37.718	2089222.752	6023096.093		2478.258	RS-700	2.07709647799
15895	9/13/2019 8:27:00		-122.362	37.718	2089223.728	6023094.637		2385.975	RS-700	1.49670069182
15896	9/13/2019 8:27:01		-122.362	37.718	2089224.369	6023093.521		2320.266	RS-700	1.08343295597
15897	9/13/2019 8:27:02		-122.362	37.718	2089224.670	6023093.064		2449.244	RS-700	1.89461754717
15898	9/13/2019 8:27:03		-122.362	37.718	2089224.708	6023092.978		2424.110	RS-700	1.73653905660
15899	9/13/2019 8:27:04		-122.362	37.718	2089224.671	6023093.006		2392.095	RS-700	1.53518742138
15900	9/13/2019 8:27:05		-122.362	37.718	2089224.707	6023093.007		2466.376	RS-700	2.00236773585
15901	9/13/2019 8:27:06		-122.362	37.718	2089224.707	6023093.007		2400.851	RS-700	1.59025735849
15902	9/13/2019 8:27:07		-122.362	37.718	2089224.671	6023093.006		2477.875	RS-700	2.07468591195
15903	9/13/2019 8:27:08		-122.362	37.718	2089224.671	6023093.006		2479.780	RS-700	2.08666767296
15904	9/13/2019 8:27:09		-122.362	37.718	2089224.671	6023093.006		2425.107	RS-700	1.74281308176
15905	9/13/2019 8:27:10		-122.362	37.718	2089224.670	6023093.035		2441.003	RS-700	1.84278440252
15906	9/13/2019 8:27:11		-122.362	37.718	2089224.670	6023093.035		2514.650	RS-700	2.30597352201
15907	9/13/2019 8:27:12		-122.362	37.718	2089224.670	6023093.035		2429.117	RS-700	1.76803283019
15908	9/13/2019 8:27:13		-122.362	37.718	2089224.670	6023093.035		2470.522	RS-700	2.02844276730
15909	9/13/2019 8:27:14		-122.362	37.718	2089224.670	6023093.035		2452.380	RS-700	1.91434257862
15910	9/13/2019 8:27:15		-122.362	37.718	2089224.634	6023093.034		2482.520	RS-700	2.10390226415
15911	9/13/2019 8:27:16		-122.362	37.718	2089224.670	6023093.035		2435.873	RS-700	1.81052062893
15912	9/13/2019 8:27:17		-122.362	37.718	2089224.670	6023093.035		2470.031	RS-700	2.02534968553
15913	9/13/2019 8:27:18		-122.362	37.718	2089224.670	6023093.064		2360.321	RS-700	1.33534993711
15914	9/13/2019 8:27:19		-122.362	37.718	2089224.670	6023093.064		2448.122	RS-700	1.88755748428
15915	9/13/2019 8:27:20		-122.362	37.718	2089224.670	6023093.064		2459.251	RS-700	1.95755471698
15916	9/13/2019 8:27:21		-122.362	37.718	2089224.633	6023093.063		2428.764	RS-700	1.76581289308
15917	9/13/2019 8:27:22		-122.362	37.718	2089224.670	6023093.064		2460.005	RS-700	1.96229503145
15918	9/13/2019 8:27:23		-122.362	37.718	2089224.670	6023093.064		2443.887	RS-700	1.86092220126
15919	9/13/2019 8:27:24		-122.362	37.718	2089224.706	6023093.065		2487.263	RS-700	2.13373125786
15920	9/13/2019 8:27:25		-122.362	37.718	2089224.670	6023093.064		2490.023	RS-700	2.15108704403

Gamma Scan Survey Results
Survey Unit 4 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
15921	9/13/2019 8:27:26		-122.362	37.718	2089224.670	6023093.064		2465.008	RS-700	1.99376339623
15922	9/13/2019 8:27:27		-122.362	37.718	2089224.706	6023093.065		2410.578	RS-700	1.65143515723
15923	9/13/2019 8:27:28		-122.362	37.718	2089224.670	6023093.064		2413.108	RS-700	1.66734742138
15924	9/13/2019 8:27:29		-122.362	37.718	2089224.669	6023093.093		2373.183	RS-700	1.41624723270
15925	9/13/2019 8:27:30		-122.362	37.718	2089224.670	6023093.064		2431.995	RS-700	1.78613119497
15926	9/13/2019 8:27:31		-122.362	37.718	2089224.669	6023093.093		2379.613	RS-700	1.45668295597
15927	9/13/2019 8:27:32		-122.362	37.718	2089224.706	6023093.065		2391.212	RS-700	1.52963597484
15928	9/13/2019 8:27:33		-122.362	37.718	2089224.706	6023093.065		2415.745	RS-700	1.68392924528
15929	9/13/2019 8:27:34		-122.362	37.718	2089224.706	6023093.094		2392.106	RS-700	1.53526069182
15930	9/13/2019 8:27:35		-122.362	37.718	2089224.706	6023093.094		2438.631	RS-700	1.82786641509
15931	9/13/2019 8:27:36		-122.362	37.718	2089224.706	6023093.094		2374.611	RS-700	1.42522886792
15932	9/13/2019 8:27:37		-122.362	37.718	2089224.705	6023093.123		2405.101	RS-700	1.61698918239
15933	9/13/2019 8:27:38		-122.362	37.718	2089224.704	6023093.152		2468.761	RS-700	2.01736773585
15934	9/13/2019 8:27:39		-122.362	37.718	2089224.704	6023093.152		2503.368	RS-700	2.23501572327
15935	9/13/2019 8:27:40		-122.362	37.718	2089224.704	6023093.152		2504.790	RS-700	2.24396006289
15936	9/13/2019 8:27:41		-122.362	37.718	2089224.741	6023093.152		2362.825	RS-700	1.35110037736
15937	9/13/2019 8:27:42		-122.362	37.718	2089224.740	6023093.181		2508.129	RS-700	2.26496125786
15938	9/13/2019 8:27:43		-122.362	37.718	2089224.740	6023093.181		2366.560	RS-700	1.37458955975
15939	9/13/2019 8:27:44		-122.362	37.718	2089224.740	6023093.181		2440.119	RS-700	1.83722930818
15940	9/13/2019 8:27:45		-122.362	37.718	2089224.740	6023093.210		2363.440	RS-700	1.35496974843
15941	9/13/2019 8:27:46		-122.362	37.718	2089224.740	6023093.210		2459.004	RS-700	1.95599987421
15942	9/13/2019 8:27:47		-122.362	37.718	2089224.739	6023093.239		2455.250	RS-700	1.93239044025
15943	9/13/2019 8:27:48		-122.362	37.718	2089224.814	6023093.154		2423.624	RS-700	1.73348691824
15944	9/13/2019 8:27:49		-122.362	37.718	2089225.417	6023092.095		2483.012	RS-700	2.10699125786
15945	9/13/2019 8:27:50		-122.362	37.718	2089226.467	6023090.612		2399.223	RS-700	1.58001716981
15946	9/13/2019 8:27:51		-122.362	37.718	2089227.923	6023088.818		2407.985	RS-700	1.63512591195
15947	9/13/2019 8:27:52		-122.362	37.718	2089229.564	6023086.884		2317.065	RS-700	1.06330383648
15948	9/13/2019 8:27:53		-122.362	37.718	2089231.347	6023085.097		2453.002	RS-700	1.91824874214
15949	9/13/2019 8:27:54		-122.362	37.718	2089233.167	6023083.339		2399.226	RS-700	1.58003578616
15950	9/13/2019 8:27:55		-122.362	37.718	2089234.844	6023081.434		2466.500	RS-700	2.00314194969
15951	9/13/2019 8:27:56		-122.362	37.718	2089236.304	6023079.438		2461.150	RS-700	1.96949446541
15952	9/13/2019 8:27:57		-122.362	37.718	2089237.691	6023077.441		2412.220	RS-700	1.66175949686
15953	9/13/2019 8:27:58		-122.362	37.718	2089238.713	6023075.494		2380.822	RS-700	1.46428704403
15954	9/13/2019 8:27:59		-122.362	37.718	2089239.511	6023073.803		2261.484	RS-700	0.71373484277
15955	9/13/2019 8:28:00		-122.362	37.718	2089240.417	6023072.230		2240.014	RS-700	0.57870270440
15956	9/13/2019 8:28:01		-122.362	37.718	2089241.873	6023070.436		2281.130	RS-700	0.83729616352
15957	9/13/2019 8:28:02		-122.362	37.718	2089243.658	6023068.591		2222.349	RS-700	0.46760490566
15958	9/13/2019 8:28:03		-122.362	37.718	2089245.660	6023066.779		2237.808	RS-700	0.56482924528
15959	9/13/2019 8:28:04		-122.362	37.718	2089247.735	6023064.998		2146.872	RS-700	-0.00709716981
15960	9/13/2019 8:28:05		-122.362	37.718	2089249.660	6023063.445		2216.107	RS-700	0.42834874214
15961	9/13/2019 8:28:06		-122.362	37.718	2089251.141	6023062.231		2133.763	RS-700	-0.08954377358
15962	9/13/2019 8:28:07		-122.362	37.718	2089252.811	6023060.644		2227.889	RS-700	0.50244798742
15963	9/13/2019 8:28:08		-122.362	37.718	2089254.449	6023058.883		2092.538	RS-700	-0.34881949686
15964	9/13/2019 8:28:09		-122.362	37.718	2089256.015	6023057.034		2168.344	RS-700	0.12794773585
15965	9/13/2019 8:28:10		-122.362	37.718	2089257.582	6023055.184		2122.764	RS-700	-0.15871987421
15966	9/13/2019 8:28:11		-122.362	37.718	2089259.116	6023053.103		2245.369	RS-700	0.61238132076
15967	9/13/2019 8:28:12		-122.362	37.718	2089260.651	6023051.022		2268.142	RS-700	0.75561188679
15968	9/13/2019 8:28:13		-122.362	37.718	2089262.037	6023049.082		2202.013	RS-700	0.33970358491
15969	9/13/2019 8:28:14		-122.362	37.718	2089263.241	6023047.139		2246.030	RS-700	0.61653937107
15970	9/13/2019 8:28:15		-122.362	37.718	2089264.482	6023045.167		2296.160	RS-700	0.93182157233
15971	9/13/2019 8:28:16		-122.362	37.718	2089265.832	6023043.198		2191.653	RS-700	0.27454974843
15972	9/13/2019 8:28:17		-122.362	37.718	2089267.365	6023041.203		2226.030	RS-700	0.49075773585
15973	9/13/2019 8:28:18		-122.362	37.718	2089268.901	6023039.035		2307.290	RS-700	1.00182672956
15974	9/13/2019 8:28:19		-122.362	37.718	2089270.115	6023036.600		2302.056	RS-700	0.96890823899
15975	9/13/2019 8:28:20		-122.362	37.718	2089271.328	6023034.223		2305.288	RS-700	0.98923163522
15976	9/13/2019 8:28:21		-122.362	37.718	2089272.503	6023031.903		2405.987	RS-700	1.62255723270
15977	9/13/2019 8:28:22		-122.362	37.718	2089273.712	6023029.729		2338.838	RS-700	1.20024006289
15978	9/13/2019 8:28:23		-122.362	37.718	2089274.843	6023027.813		2244.797	RS-700	0.60878408805
15979	9/13/2019 8:28:24		-122.362	37.718	2089276.007	6023026.013		2355.196	RS-700	1.30312150943
15980	9/13/2019 8:28:25		-122.362	37.718	2089277.391	6023024.189		2278.147	RS-700	0.81853308176
15981	9/13/2019 8:28:26		-122.362	37.718	2089279.069	6023022.227		2237.250	RS-700	0.56131779874

Gamma Scan Survey Results
Survey Unit 4 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
15982	9/13/2019 8:28:27		-122.362	37.718	2089280.930	6023020.210		2333.300	RS-700	1.16540805031
15983	9/13/2019 8:28:28		-122.362	37.718	2089282.898	6023018.339		2265.207	RS-700	0.73715006289
15984	9/13/2019 8:28:29		-122.362	37.718	2089284.787	6023016.728		2326.598	RS-700	1.12325716981
15985	9/13/2019 8:28:30		-122.362	37.718	2089286.601	6023015.260		2334.879	RS-700	1.17534220126
15986	9/13/2019 8:28:31		-122.362	37.718	2089288.269	6023013.789		2336.540	RS-700	1.18578905660
15987	9/13/2019 8:28:32		-122.362	37.718	2089289.983	6023011.855		2345.234	RS-700	1.24046245283
15988	9/13/2019 8:28:33		-122.362	37.718	2089291.554	6023009.775		2309.822	RS-700	1.01774622642
15989	9/13/2019 8:28:34		-122.362	37.718	2089293.011	6023007.894		2406.853	RS-700	1.62800905660
15990	9/13/2019 8:28:35		-122.362	37.718	2089294.210	6023006.240		2432.250	RS-700	1.78773345912
15991	9/13/2019 8:28:36		-122.362	37.718	2089295.590	6023004.590		2418.599	RS-700	1.70188283019
15992	9/13/2019 8:28:37		-122.362	37.718	2089297.079	6023002.971		2356.329	RS-700	1.31024566038
15993	9/13/2019 8:28:38		-122.362	37.718	2089298.681	6023001.151		2424.088	RS-700	1.73640496855
15994	9/13/2019 8:28:39		-122.362	37.718	2089300.103	6022999.241		2322.958	RS-700	1.10036691824
15995	9/13/2019 8:28:40		-122.362	37.718	2089301.601	6022997.188		2409.624	RS-700	1.64543163522
15996	9/13/2019 8:28:41		-122.362	37.718	2089303.099	6022995.106		2441.126	RS-700	1.84356276730
15997	9/13/2019 8:28:42		-122.362	37.718	2089304.629	6022993.256		2286.484	RS-700	0.87096647799
15998	9/13/2019 8:28:43		-122.362	37.718	2089306.122	6022991.434		2360.611	RS-700	1.33717616352
15999	9/13/2019 8:28:44		-122.362	37.718	2089307.503	6022989.754		2305.166	RS-700	0.98846823899
16000	9/13/2019 8:28:45		-122.362	37.718	2089308.810	6022988.160		2386.988	RS-700	1.50306955975
16001	9/13/2019 8:28:46		-122.363	37.718	2089310.003	6022986.767		2364.740	RS-700	1.36314597484
16002	9/13/2019 8:28:47		-122.363	37.718	2089311.194	6022985.460		2347.315	RS-700	1.25355371069
16003	9/13/2019 8:28:48		-122.363	37.718	2089312.017	6022984.348		2304.596	RS-700	0.98488050315
16004	9/13/2019 8:28:49		-122.363	37.718	2089312.877	6022983.265		2340.546	RS-700	1.21098226415
16005	9/13/2019 8:28:50		-122.363	37.718	2089313.591	6022982.151		2262.816	RS-700	0.72211408805
16006	9/13/2019 8:28:51		-122.363	37.718	2089314.021	6022980.684		2352.542	RS-700	1.28642616352
16007	9/13/2019 8:28:52		-122.363	37.718	2089313.912	6022978.831		2368.613	RS-700	1.38750081761
16008	9/13/2019 8:28:53		-122.363	37.718	2089313.073	6022977.049		2347.858	RS-700	1.25696654088
16009	9/13/2019 8:28:54		-122.363	37.718	2089312.293	6022975.992		2320.712	RS-700	1.08624044025
16010	9/13/2019 8:28:55		-122.363	37.718	2089311.796	6022975.346		2314.951	RS-700	1.05000735849
16011	9/13/2019 8:28:56		-122.363	37.718	2089311.120	6022974.523		2270.707	RS-700	0.77174465409
16012	9/13/2019 8:28:57		-122.363	37.718	2089309.543	6022973.276		2391.617	RS-700	1.53218088050
16013	9/13/2019 8:28:58		-122.363	37.718	2089307.306	6022972.190		2365.969	RS-700	1.37087364780
16014	9/13/2019 8:28:59		-122.363	37.718	2089305.067	6022971.278		2416.351	RS-700	1.68773993711
16015	9/13/2019 8:29:00		-122.363	37.718	2089303.012	6022970.224		2397.972	RS-700	1.57214893082
16016	9/13/2019 8:29:01		-122.363	37.718	2089301.145	6022968.885		2342.417	RS-700	1.22275132075
16017	9/13/2019 8:29:02		-122.363	37.718	2089299.574	6022967.263		2369.853	RS-700	1.39530496855
16018	9/13/2019 8:29:03		-122.363	37.718	2089297.897	6022965.551		2417.991	RS-700	1.69805735849
16019	9/13/2019 8:29:04		-122.363	37.718	2089296.152	6022963.578		2439.370	RS-700	1.83251698113
16020	9/13/2019 8:29:05		-122.363	37.718	2089294.439	6022961.780		2326.059	RS-700	1.11986566038
16021	9/13/2019 8:29:06		-122.363	37.718	2089292.649	6022960.240		2351.193	RS-700	1.27794641509
16022	9/13/2019 8:29:07		-122.363	37.718	2089290.855	6022958.873		2366.201	RS-700	1.37233100629
16023	9/13/2019 8:29:08		-122.363	37.718	2089288.803	6022957.704		2331.849	RS-700	1.15628188679
16024	9/13/2019 8:29:09		-122.363	37.718	2089286.570	6022956.444		2371.495	RS-700	1.40562779874
16025	9/13/2019 8:29:10		-122.363	37.718	2089284.332	6022955.416		2324.835	RS-700	1.11217119497
16026	9/13/2019 8:29:11		-122.363	37.718	2089282.015	6022954.734		2404.862	RS-700	1.61548358491
16027	9/13/2019 8:29:12		-122.363	37.718	2089279.687	6022954.572		2339.838	RS-700	1.20652698113
16028	9/13/2019 8:29:13		-122.363	37.718	2089277.389	6022954.757		2284.811	RS-700	0.86044666667
16029	9/13/2019 8:29:14		-122.363	37.718	2089275.451	6022955.182		2383.827	RS-700	1.48318855346
16030	9/13/2019 8:29:15		-122.363	37.718	2089273.946	6022955.759		2323.070	RS-700	1.10107037736
16031	9/13/2019 8:29:16		-122.363	37.718	2089272.655	6022956.572		2382.089	RS-700	1.47225698113
16032	9/13/2019 8:29:17		-122.363	37.718	2089271.545	6022957.447		2376.684	RS-700	1.43826289308
16033	9/13/2019 8:29:18		-122.363	37.718	2089270.178	6022958.433		2416.222	RS-700	1.68693389937
16034	9/13/2019 8:29:19		-122.363	37.718	2089269.030	6022959.364		2397.628	RS-700	1.56998559748
16035	9/13/2019 8:29:20		-122.363	37.718	2089268.105	6022960.127		2447.628	RS-700	1.88445226415
16036	9/13/2019 8:29:21		-122.363	37.718	2089267.658	6022960.610		2416.597	RS-700	1.68929182390
16037	9/13/2019 8:29:22		-122.363	37.718	2089267.733	6022960.525		2318.414	RS-700	1.07178698113
16038	9/13/2019 8:29:23		-122.363	37.718	2089267.806	6022960.497		2428.366	RS-700	1.76330584906
16039	9/13/2019 8:29:24		-122.363	37.718	2089267.843	6022960.469		2397.735	RS-700	1.57066094340
16040	9/13/2019 8:29:25		-122.363	37.718	2089267.843	6022960.469		2490.638	RS-700	2.15495666667
16041	9/13/2019 8:29:26		-122.363	37.718	2089267.805	6022960.526		2437.880	RS-700	1.82314352201
16042	9/13/2019 8:29:27		-122.363	37.718	2089267.770	6022960.496		2405.592	RS-700	1.62007295597

Gamma Scan Survey Results
Survey Unit 4 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
16043	9/13/2019 8:29:28		-122.363	37.718	2089267.769	6022960.525		2400.344	RS-700	1.58706610063
16044	9/13/2019 8:29:29		-122.363	37.718	2089267.769	6022960.525		2427.887	RS-700	1.76029635220
16045	9/13/2019 8:29:30		-122.363	37.718	2089267.361	6022960.893		2367.087	RS-700	1.37790874214
16046	9/13/2019 8:29:31		-122.363	37.718	2089267.102	6022961.120		2339.068	RS-700	1.20168308176
16047	9/13/2019 8:29:32		-122.363	37.718	2089267.139	6022961.063		2377.207	RS-700	1.44155471698
16048	9/13/2019 8:29:33		-122.363	37.718	2089267.103	6022961.062		2314.174	RS-700	1.04512056604
16049	9/13/2019 8:29:34		-122.363	37.718	2089267.139	6022961.063		2435.490	RS-700	1.80811553459
16050	9/13/2019 8:29:35		-122.363	37.718	2089267.139	6022961.063		2481.644	RS-700	2.09838962264
16051	9/13/2019 8:29:36		-122.363	37.718	2089267.139	6022961.063		2418.626	RS-700	1.70204943396
16052	9/13/2019 8:29:37		-122.363	37.718	2089267.103	6022961.062		2423.471	RS-700	1.73252257862
16053	9/13/2019 8:29:38		-122.363	37.718	2089267.139	6022961.063		2306.517	RS-700	0.99695930818
16054	9/13/2019 8:29:39		-122.363	37.718	2089267.175	6022961.092		2497.544	RS-700	2.19838899371
16055	9/13/2019 8:29:40		-122.363	37.718	2089267.212	6022961.064		2364.089	RS-700	1.35905169811
16056	9/13/2019 8:29:41		-122.363	37.718	2089267.212	6022961.093		2327.194	RS-700	1.12700314465
16057	9/13/2019 8:29:42		-122.363	37.718	2089267.175	6022961.092		2371.852	RS-700	1.40787427673
16058	9/13/2019 8:29:43		-122.363	37.718	2089266.840	6022961.462		2318.058	RS-700	1.06954987421
16059	9/13/2019 8:29:44		-122.363	37.718	2089266.173	6022962.027		2373.212	RS-700	1.41642754717
16060	9/13/2019 8:29:45		-122.363	37.718	2089265.282	6022962.906		2449.111	RS-700	1.89377742138
16061	9/13/2019 8:29:46		-122.363	37.718	2089264.162	6022964.272		2398.973	RS-700	1.57844566038
16062	9/13/2019 8:29:47		-122.363	37.718	2089263.005	6022965.667		2442.752	RS-700	1.85378723270
16063	9/13/2019 8:29:48		-122.363	37.718	2089262.108	6022966.806		2458.383	RS-700	1.95209333333
16064	9/13/2019 8:29:49		-122.363	37.718	2089261.658	6022967.463		2369.742	RS-700	1.39460163522
16065	9/13/2019 8:29:50		-122.363	37.718	2089261.211	6022967.975		2567.305	RS-700	2.63714106918
16066	9/13/2019 8:29:51		-122.363	37.718	2089260.096	6022969.110		2403.465	RS-700	1.60669503145
16067	9/13/2019 8:29:52		-122.363	37.718	2089258.609	6022970.613		2290.819	RS-700	0.89823471698
16068	9/13/2019 8:29:53		-122.363	37.718	2089257.123	6022972.088		2465.999	RS-700	1.99999490566
16069	9/13/2019 8:29:54		-122.363	37.718	2089255.779	6022973.768		2374.972	RS-700	1.42749433962
16070	9/13/2019 8:29:55		-122.363	37.718	2089254.468	6022975.565		2394.860	RS-700	1.55257779874
16071	9/13/2019 8:29:56		-122.363	37.718	2089253.340	6022977.336		2392.957	RS-700	1.54060981132
16072	9/13/2019 8:29:57		-122.363	37.718	2089252.216	6022978.934		2443.486	RS-700	1.85840377358
16073	9/13/2019 8:29:58		-122.363	37.718	2089251.094	6022980.416		2319.840	RS-700	1.08075635220
16074	9/13/2019 8:29:59		-122.363	37.718	2089249.863	6022981.895		2349.189	RS-700	1.26533880503
16075	9/13/2019 8:30:00		-122.363	37.718	2089248.628	6022983.549		2409.217	RS-700	1.64287427673
16076	9/13/2019 8:30:01		-122.363	37.718	2089247.576	6022985.148		2412.868	RS-700	1.66583786164
16077	9/13/2019 8:30:02		-122.362	37.718	2089246.636	6022986.663		2290.707	RS-700	0.89752754717
16078	9/13/2019 8:30:03		-122.362	37.718	2089245.841	6022988.151		2331.971	RS-700	1.15705113208
16079	9/13/2019 8:30:04		-122.362	37.718	2089245.338	6022989.645		2288.820	RS-700	0.88565830189
16080	9/13/2019 8:30:05		-122.362	37.718	2089245.170	6022990.770		2328.721	RS-700	1.13661100629
16081	9/13/2019 8:30:06		-122.362	37.718	2089245.129	6022991.001		2282.055	RS-700	0.84311522013
16082	9/13/2019 8:30:07		-122.362	37.718	2089245.169	6022990.799		2285.471	RS-700	0.86460025157
16083	9/13/2019 8:30:08		-122.362	37.718	2089245.170	6022990.770		2294.825	RS-700	0.92342817610
16084	9/13/2019 8:30:09		-122.362	37.718	2089245.134	6022990.741		2387.495	RS-700	1.50625767296
16085	9/13/2019 8:30:10		-122.362	37.718	2089245.135	6022990.683		2250.578	RS-700	0.64514459120
16086	9/13/2019 8:30:11		-122.362	37.718	2089245.136	6022990.625		2302.595	RS-700	0.97229257862
16087	9/13/2019 8:30:12		-122.362	37.718	2089245.012	6022991.375		2274.915	RS-700	0.79820974843
16088	9/13/2019 8:30:13		-122.362	37.718	2089244.942	6022993.080		2377.847	RS-700	1.44557974843
16089	9/13/2019 8:30:14		-122.362	37.718	2089244.431	6022994.979		2282.822	RS-700	0.84793817610
16090	9/13/2019 8:30:15		-122.362	37.718	2089243.220	6022997.270		2226.913	RS-700	0.49630779874
16091	9/13/2019 8:30:16		-122.362	37.718	2089241.323	6022999.228		2217.690	RS-700	0.43829893082
16092	9/13/2019 8:30:17		-122.362	37.718	2089239.106	6023000.862		2302.481	RS-700	0.97157981132
16093	9/13/2019 8:30:18		-122.362	37.718	2089236.852	6023002.466		2268.927	RS-700	0.76054641509
16094	9/13/2019 8:30:19		-122.362	37.718	2089234.705	6023004.217		2185.999	RS-700	0.23898962264
16095	9/13/2019 8:30:20		-122.362	37.718	2089232.777	6023005.943		2333.194	RS-700	1.16474377358
16096	9/13/2019 8:30:21		-122.362	37.718	2089230.994	6023007.673		2291.930	RS-700	0.90522012579
16097	9/13/2019 8:30:22		-122.362	37.718	2089229.617	6023009.179		2296.253	RS-700	0.93240584906
16098	9/13/2019 8:30:23		-122.362	37.718	2089228.760	6023010.145		2251.468	RS-700	0.65074207547
16099	9/13/2019 8:30:24		-122.362	37.718	2089228.388	6023010.543		2315.824	RS-700	1.05549861635
16100	9/13/2019 8:30:25		-122.362	37.718	2089228.425	6023010.515		2214.342	RS-700	0.41724522013
16101	9/13/2019 8:30:26		-122.362	37.718	2089228.425	6023010.515		2296.594	RS-700	0.93455257862
16102	9/13/2019 8:30:27		-122.362	37.718	2089228.389	6023010.485		2322.178	RS-700	1.09545811321
16103	9/13/2019 8:30:28		-122.362	37.718	2089228.425	6023010.486		2324.064	RS-700	1.10731943396

Gamma Scan Survey Results
Survey Unit 4 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
16104	9/13/2019 8:30:29		-122.362	37.718	2089228.426	6023010.457		2295.416	RS-700	0.92714515723
16105	9/13/2019 8:30:30		-122.362	37.718	2089228.426	6023010.457		2294.364	RS-700	0.92052603774
16106	9/13/2019 8:30:31		-122.362	37.718	2089228.390	6023010.427		2230.220	RS-700	0.51710993711
16107	9/13/2019 8:30:32		-122.362	37.718	2089228.426	6023010.457		2286.165	RS-700	0.86896012579
16108	9/13/2019 8:30:33		-122.362	37.718	2089228.390	6023010.456		2338.493	RS-700	1.19807094340
16109	9/13/2019 8:30:34		-122.362	37.718	2089228.389	6023010.485		2197.229	RS-700	0.30961490566
16110	9/13/2019 8:30:35		-122.362	37.718	2089228.389	6023010.485		2257.468	RS-700	0.68847515723
16111	9/13/2019 8:30:36		-122.362	37.718	2089228.390	6023010.456		2285.831	RS-700	0.86686106918
16112	9/13/2019 8:30:37		-122.362	37.718	2089228.390	6023010.456		2274.931	RS-700	0.79830572327
16113	9/13/2019 8:30:38		-122.362	37.718	2089228.390	6023010.427		2300.170	RS-700	0.95704276730
16114	9/13/2019 8:30:39		-122.362	37.718	2089228.390	6023010.427		2252.696	RS-700	0.65846490566
16115	9/13/2019 8:30:40		-122.362	37.718	2089228.391	6023010.398		2273.929	RS-700	0.79200616352
16116	9/13/2019 8:30:41		-122.362	37.718	2089228.391	6023010.398		2265.257	RS-700	0.73746591195
16117	9/13/2019 8:30:42		-122.362	37.718	2089228.391	6023010.369		2213.893	RS-700	0.41442100629
16118	9/13/2019 8:30:43		-122.362	37.718	2089228.354	6023010.397		2284.271	RS-700	0.85704981132
16119	9/13/2019 8:30:44		-122.362	37.718	2089228.355	6023010.368		2279.053	RS-700	0.82423113208
16120	9/13/2019 8:30:45		-122.362	37.718	2089228.354	6023010.397		2251.924	RS-700	0.65361094340
16121	9/13/2019 8:30:46		-122.362	37.718	2089228.354	6023010.397		2266.815	RS-700	0.74726503145
16122	9/13/2019 8:30:47		-122.362	37.718	2089228.318	6023010.397		2305.290	RS-700	0.98924723270
16123	9/13/2019 8:30:48		-122.362	37.718	2089228.354	6023010.397		2387.094	RS-700	1.50373849057
16124	9/13/2019 8:30:49		-122.362	37.718	2089228.355	6023010.368		2272.266	RS-700	0.78154773585
16125	9/13/2019 8:30:50		-122.362	37.718	2089228.356	6023010.340		2237.482	RS-700	0.56277729560
16126	9/13/2019 8:30:51		-122.362	37.718	2089228.320	6023010.310		2324.651	RS-700	1.11101113208
16127	9/13/2019 8:30:52		-122.362	37.718	2089228.320	6023010.310		2247.467	RS-700	0.62557974843
16128	9/13/2019 8:30:53		-122.362	37.718	2089228.320	6023010.281		2295.590	RS-700	0.92824025157
16129	9/13/2019 8:30:54		-122.362	37.718	2089228.284	6023010.280		2366.428	RS-700	1.37376226415
16130	9/13/2019 8:30:55		-122.362	37.718	2089228.284	6023010.280		2372.963	RS-700	1.41486025157
16131	9/13/2019 8:30:56		-122.362	37.718	2089228.284	6023010.251		2220.463	RS-700	0.45574427673
16132	9/13/2019 8:30:57		-122.362	37.718	2089228.284	6023010.251		2334.953	RS-700	1.17580805031
16133	9/13/2019 8:30:58		-122.362	37.718	2089228.284	6023010.251		2288.804	RS-700	0.88556050315
16134	9/13/2019 8:30:59		-122.362	37.718	2089228.284	6023010.251		2317.299	RS-700	1.06477496855
16135	9/13/2019 8:31:00		-122.362	37.718	2089228.284	6023010.251		2304.045	RS-700	0.98141635220
16136	9/13/2019 8:31:01		-122.362	37.718	2089228.284	6023010.251		2296.396	RS-700	0.93330867925
16137	9/13/2019 8:31:02		-122.362	37.718	2089228.284	6023010.251		2256.037	RS-700	0.67947515723
16138	9/13/2019 8:31:03		-122.362	37.718	2089228.285	6023010.222		2290.696	RS-700	0.89745729560
16139	9/13/2019 8:31:04		-122.362	37.718	2089228.285	6023010.222		2329.065	RS-700	1.13877496855
16140	9/13/2019 8:31:05		-122.362	37.718	2089228.285	6023010.222		2281.710	RS-700	0.84094591195
16141	9/13/2019 8:31:06		-122.362	37.718	2089228.285	6023010.222		2323.950	RS-700	1.10660503145
16142	9/13/2019 8:31:07		-122.362	37.718	2089228.285	6023010.222		2238.255	RS-700	0.56763981132
16143	9/13/2019 8:31:08		-122.362	37.718	2089228.285	6023010.222		2239.696	RS-700	0.57670371069
16144	9/13/2019 8:31:09		-122.362	37.718	2089228.285	6023010.222		2219.777	RS-700	0.45142503145
16145	9/13/2019 8:31:10		-122.362	37.718	2089228.286	6023010.194		2287.593	RS-700	0.87794641509
16146	9/13/2019 8:31:11		-122.362	37.718	2089228.321	6023010.223		2211.232	RS-700	0.39768654088
16147	9/13/2019 8:31:12		-122.362	37.718	2089228.322	6023010.194		2333.076	RS-700	1.16399924528
16148	9/13/2019 8:31:13		-122.362	37.718	2089228.322	6023010.194		2232.349	RS-700	0.53049616352
16149	9/13/2019 8:31:14		-122.362	37.718	2089228.358	6023010.195		2329.417	RS-700	1.14098830189
16150	9/13/2019 8:31:15		-122.362	37.718	2089228.358	6023010.195		2261.585	RS-700	0.71436830189
16151	9/13/2019 8:31:16		-122.362	37.718	2089228.359	6023010.166		2308.742	RS-700	1.01095899371
16152	9/13/2019 8:31:17		-122.362	37.718	2089228.395	6023010.167		2241.137	RS-700	0.58576842767
16153	9/13/2019 8:31:18		-122.362	37.718	2089228.395	6023010.167		2158.562	RS-700	0.06642528302
16154	9/13/2019 8:31:19		-122.362	37.718	2089228.359	6023010.166		2237.933	RS-700	0.56561333333
16155	9/13/2019 8:31:20		-122.362	37.718	2089228.395	6023010.167		2303.058	RS-700	0.97520484277
16156	9/13/2019 8:31:21		-122.362	37.718	2089228.359	6023010.166		2339.976	RS-700	1.20739352201
16157	9/13/2019 8:31:22		-122.362	37.718	2089228.395	6023010.167		2199.908	RS-700	0.32646389937
16158	9/13/2019 8:31:23		-122.362	37.718	2089228.395	6023010.167		2288.037	RS-700	0.88073679245
16159	9/13/2019 8:31:24		-122.362	37.718	2089228.359	6023010.166		2278.555	RS-700	0.82109842767
16160	9/13/2019 8:31:25		-122.362	37.718	2089228.395	6023010.167		2328.837	RS-700	1.13734169811
16161	9/13/2019 8:31:26		-122.362	37.718	2089228.359	6023010.166		2264.262	RS-700	0.73120861635
16162	9/13/2019 8:31:27		-122.362	37.718	2089228.359	6023010.166		2254.580	RS-700	0.67031433962
16163	9/13/2019 8:31:28		-122.362	37.718	2089228.360	6023010.137		2296.821	RS-700	0.93598226415
16164	9/13/2019 8:31:29		-122.362	37.718	2089228.359	6023010.166		2209.795	RS-700	0.38865031447

Gamma Scan Survey Results
Survey Unit 4 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
16165	9/13/2019 8:31:30		-122.362	37.718	2089228.395	6023010.167		2224.021	RS-700	0.47812238994
16166	9/13/2019 8:31:31		-122.362	37.718	2089228.360	6023010.137		2251.143	RS-700	0.64869943396
16167	9/13/2019 8:31:32		-122.362	37.718	2089228.396	6023010.138		2316.538	RS-700	1.05998893082
16168	9/13/2019 8:31:33		-122.362	37.718	2089228.396	6023010.138		2272.705	RS-700	0.78430874214
16169	9/13/2019 8:31:34		-122.362	37.718	2089228.396	6023010.138		2329.484	RS-700	1.14140761006
16170	9/13/2019 8:31:35		-122.362	37.718	2089228.396	6023010.138		2280.183	RS-700	0.83133924528
16171	9/13/2019 8:31:36		-122.362	37.718	2089228.397	6023010.109		2324.613	RS-700	1.11077364780
16172	9/13/2019 8:31:37		-122.362	37.718	2089228.396	6023010.138		2309.708	RS-700	1.01702861635
16173	9/13/2019 8:31:38		-122.362	37.718	2089228.397	6023010.109		2255.585	RS-700	0.67663773585
16174	9/13/2019 8:31:39		-122.362	37.718	2089228.396	6023010.138		2314.064	RS-700	1.04442559748
16175	9/13/2019 8:31:40		-122.362	37.718	2089228.396	6023010.138		2231.053	RS-700	0.52234276730
16176	9/13/2019 8:31:41		-122.362	37.718	2089228.396	6023010.138		2244.139	RS-700	0.60465018868
16177	9/13/2019 8:31:42		-122.362	37.718	2089228.396	6023010.138		2317.367	RS-700	1.06520389937
16178	9/13/2019 8:31:43		-122.362	37.718	2089228.396	6023010.138		2248.136	RS-700	0.62978792453
16179	9/13/2019 8:31:44		-122.362	37.718	2089228.432	6023010.139		2159.895	RS-700	0.07481364780
16180	9/13/2019 8:31:45		-122.362	37.718	2089228.396	6023010.138		2335.486	RS-700	1.17915761006
16181	9/13/2019 8:31:46		-122.362	37.718	2089228.397	6023010.109		2224.035	RS-700	0.47820509434
16182	9/13/2019 8:31:47		-122.362	37.718	2089228.396	6023010.138		2263.814	RS-700	0.72839025157
16183	9/13/2019 8:31:48		-122.362	37.718	2089228.396	6023010.138		2284.041	RS-700	0.85560138365
16184	9/13/2019 8:31:49		-122.362	37.718	2089228.396	6023010.138		2333.296	RS-700	1.16538440252
16185	9/13/2019 8:31:50		-122.362	37.718	2089228.432	6023010.139		2286.692	RS-700	0.87227572327
16186	9/13/2019 8:31:51		-122.362	37.718	2089228.358	6023010.195		2203.119	RS-700	0.34665729560
16187	9/13/2019 8:31:52		-122.362	37.718	2089227.685	6023011.107		2374.501	RS-700	1.42453459119
16188	9/13/2019 8:31:53		-122.362	37.718	2089226.673	6023012.534		2289.052	RS-700	0.88711867925
16189	9/13/2019 8:31:54		-122.362	37.718	2089225.623	6023014.046		2230.781	RS-700	0.52063522013
16190	9/13/2019 8:31:55		-122.362	37.718	2089224.386	6023015.815		2354.847	RS-700	1.30092635220
16191	9/13/2019 8:31:56		-122.362	37.718	2089223.112	6023017.641		2185.907	RS-700	0.23841044025
16192	9/13/2019 8:31:57		-122.362	37.718	2089221.950	6023019.296		2210.903	RS-700	0.39561553459
16193	9/13/2019 8:31:58		-122.362	37.718	2089220.825	6023020.923		2286.509	RS-700	0.87112584906
16194	9/13/2019 8:31:59		-122.362	37.718	2089219.739	6023022.405		2277.157	RS-700	0.81230616352
16195	9/13/2019 8:32:00		-122.362	37.718	2089218.615	6023024.003		2425.627	RS-700	1.74608396226
16196	9/13/2019 8:32:01		-122.362	37.718	2089217.342	6023025.714		2241.597	RS-700	0.58865962264
16197	9/13/2019 8:32:02		-122.362	37.718	2089215.959	6023027.509		2318.083	RS-700	1.06970616352
16198	9/13/2019 8:32:03		-122.362	37.718	2089214.578	6023029.188		2315.945	RS-700	1.05625679245
16199	9/13/2019 8:32:04		-122.362	37.718	2089213.382	6023030.755		2296.175	RS-700	0.93191943396
16200	9/13/2019 8:32:05		-122.362	37.718	2089212.189	6023032.120		2343.191	RS-700	1.22761352201
16201	9/13/2019 8:32:06		-122.362	37.718	2089211.516	6023032.975		2378.093	RS-700	1.44712339623
16202	9/13/2019 8:32:07		-122.362	37.718	2089210.986	6023034.035		2374.205	RS-700	1.42267364780
16203	9/13/2019 8:32:08		-122.362	37.718	2089210.480	6023035.645		2342.487	RS-700	1.22318930818
16204	9/13/2019 8:32:09		-122.362	37.718	2089210.120	6023037.287		2354.971	RS-700	1.30170685535
16205	9/13/2019 8:32:10		-122.362	37.718	2089209.796	6023038.900		2414.219	RS-700	1.67433352201
16206	9/13/2019 8:32:11		-122.362	37.718	2089209.213	6023040.740		2281.051	RS-700	0.83679830189
16207	9/13/2019 8:32:12		-122.362	37.718	2089208.230	6023042.543		2279.933	RS-700	0.82976943396
16208	9/13/2019 8:32:13		-122.362	37.718	2089206.884	6023044.339		2325.948	RS-700	1.11917018868
16209	9/13/2019 8:32:14		-122.362	37.718	2089205.323	6023045.899		2291.497	RS-700	0.90249415094
16210	9/13/2019 8:32:15		-122.362	37.718	2089203.549	6023047.224		2397.101	RS-700	1.56667289308
16211	9/13/2019 8:32:16		-122.362	37.718	2089201.703	6023048.460		2275.040	RS-700	0.79899119497
16212	9/13/2019 8:32:17		-122.362	37.718	2089200.005	6023049.583		2472.377	RS-700	2.04010503145
16213	9/13/2019 8:32:18		-122.362	37.718	2089198.525	6023050.769		2527.044	RS-700	2.38392213836
16214	9/13/2019 8:32:19		-122.362	37.718	2089197.188	6023052.073		2538.527	RS-700	2.45614616352
16215	9/13/2019 8:32:20		-122.362	37.718	2089195.997	6023053.380		2516.385	RS-700	2.31688408805
16216	9/13/2019 8:32:21		-122.362	37.718	2089195.166	6023054.839		2499.021	RS-700	2.20767735849
16217	9/13/2019 8:32:22		-122.362	37.718	2089194.702	6023056.218		2361.674	RS-700	1.34386389937
16218	9/13/2019 8:32:23		-122.362	37.718	2089194.345	6023057.658		2409.728	RS-700	1.64608597484
16219	9/13/2019 8:32:24		-122.362	37.718	2089193.732	6023059.208		2486.782	RS-700	2.13070515723
16220	9/13/2019 8:32:25		-122.362	37.718	2089192.786	6023060.983		2503.396	RS-700	2.23519792453
16221	9/13/2019 8:32:26		-122.362	37.718	2089191.728	6023062.929		2525.030	RS-700	2.37125490566
16222	9/13/2019 8:32:27		-122.362	37.718	2089190.562	6023064.786		2464.886	RS-700	1.99299540881
16223	9/13/2019 8:32:28		-122.362	37.718	2089189.290	6023066.468		2463.773	RS-700	1.98599465409
16224	9/13/2019 8:32:29		-122.362	37.718	2089187.950	6023067.916		2485.260	RS-700	2.12113169811
16225	9/13/2019 8:32:30		-122.362	37.718	2089186.282	6023069.359		2429.992	RS-700	1.77353635220

Gamma Scan Survey Results
Survey Unit 4 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
16226	9/13/2019 8:32:31		-122.362	37.718	2089184.584	6023070.540		2455.389	RS-700	1.93326188679
16227	9/13/2019 8:32:32		-122.362	37.718	2089182.924	6023071.606		2490.772	RS-700	2.15579723270
16228	9/13/2019 8:32:33		-122.362	37.718	2089181.364	6023073.108		2523.026	RS-700	2.35865138365
16229	9/13/2019 8:32:34		-122.362	37.718	2089179.905	6023075.047		2494.648	RS-700	2.18017849057
16230	9/13/2019 8:32:35		-122.362	37.718	2089178.555	6023076.987		2469.787	RS-700	2.02381509434
16231	9/13/2019 8:32:36		-122.362	37.718	2089177.389	6023078.873		2459.237	RS-700	1.95746767296
16232	9/13/2019 8:32:37		-122.362	37.718	2089176.186	6023080.759		2409.103	RS-700	1.64215842767
16233	9/13/2019 8:32:38		-122.362	37.718	2089175.095	6023082.502		2469.010	RS-700	2.01892874214
16234	9/13/2019 8:32:39		-122.362	37.718	2089173.968	6023084.244		2382.855	RS-700	1.47707446541
16235	9/13/2019 8:32:40		-122.362	37.718	2089173.279	6023085.908		2309.828	RS-700	1.01778540881
16236	9/13/2019 8:32:41		-122.362	37.718	2089172.814	6023087.317		2383.583	RS-700	1.48165182390
16237	9/13/2019 8:32:42		-122.362	37.718	2089172.050	6023089.124		2414.257	RS-700	1.67457276730
16238	9/13/2019 8:32:43		-122.362	37.718	2089171.104	6023090.899		2439.871	RS-700	1.83566566038
16239	9/13/2019 8:32:44		-122.362	37.718	2089169.976	6023092.670		2380.090	RS-700	1.45968503145
16240	9/13/2019 8:32:45		-122.362	37.718	2089168.487	6023094.289		2390.598	RS-700	1.52577056604
16241	9/13/2019 8:32:46		-122.362	37.718	2089166.637	6023095.786		2361.320	RS-700	1.34163584906
16242	9/13/2019 8:32:47		-122.362	37.718	2089164.679	6023097.164		2409.467	RS-700	1.64444867925
16243	9/13/2019 8:32:48		-122.362	37.718	2089162.830	6023098.545		2452.383	RS-700	1.91435911950
16244	9/13/2019 8:32:49		-122.362	37.718	2089161.523	6023100.197		2380.223	RS-700	1.46052433962
16245	9/13/2019 8:32:50		-122.362	37.718	2089160.392	6023102.142		2507.784	RS-700	2.26279163522
16246	9/13/2019 8:32:51		-122.362	37.718	2089159.665	6023103.863		2400.862	RS-700	1.59032660377
16247	9/13/2019 8:32:52		-122.362	37.718	2089159.316	6023104.927		2411.227	RS-700	1.65551515723
16248	9/13/2019 8:32:53		-122.362	37.718	2089159.275	6023105.157		2445.120	RS-700	1.86867899371
16249	9/13/2019 8:32:54		-122.362	37.718	2089159.312	6023105.158		2408.226	RS-700	1.63663924528
16250	9/13/2019 8:32:55		-122.362	37.718	2089159.312	6023105.158		2480.382	RS-700	2.09045440252
16251	9/13/2019 8:32:56		-122.362	37.718	2089159.312	6023105.158		2439.508	RS-700	1.83338597484
16252	9/13/2019 8:32:57		-122.362	37.718	2089159.312	6023105.158		2379.495	RS-700	1.45594201258
16253	9/13/2019 8:32:58		-122.362	37.718	2089159.309	6023105.303		2555.407	RS-700	2.56230572327
16254	9/13/2019 8:32:59		-122.362	37.718	2089159.274	6023105.244		2496.145	RS-700	2.18959125786
16255	9/13/2019 8:33:00		-122.362	37.718	2089159.311	6023105.216		2501.674	RS-700	2.22436503145
16256	9/13/2019 8:33:01		-122.362	37.718	2089159.311	6023105.187		2456.509	RS-700	1.94030987421
16257	9/13/2019 8:33:02		-122.362	37.718	2089159.347	6023105.217		2462.264	RS-700	1.97650559748
16258	9/13/2019 8:33:03		-122.362	37.718	2089159.311	6023105.216		2433.125	RS-700	1.79324125786
16259	9/13/2019 8:33:04		-122.362	37.718	2089159.347	6023105.246		2503.897	RS-700	2.23834685535
16260	9/13/2019 8:33:05		-122.362	37.718	2089159.345	6023105.303		2464.499	RS-700	1.99055867925
16261	9/13/2019 8:33:06		-122.362	37.718	2089159.070	6023106.311		2436.240	RS-700	1.81282704403
16262	9/13/2019 8:33:07		-122.362	37.718	2089158.597	6023108.124		2358.851	RS-700	1.32610610063
16263	9/13/2019 8:33:08		-122.362	37.718	2089157.898	6023110.308		2377.727	RS-700	1.44482427673
16264	9/13/2019 8:33:09		-122.362	37.718	2089157.020	6023112.345		2375.329	RS-700	1.42974471698
16265	9/13/2019 8:33:10		-122.362	37.718	2089155.999	6023114.263		2515.406	RS-700	2.31072647799
16266	9/13/2019 8:33:11		-122.362	37.718	2089154.905	6023116.151		2421.110	RS-700	1.71767018868
16267	9/13/2019 8:33:12		-122.362	37.718	2089154.070	6023117.841		2373.207	RS-700	1.41639553459
16268	9/13/2019 8:33:13		-122.362	37.718	2089153.420	6023119.419		2278.590	RS-700	0.82132069182
16269	9/13/2019 8:33:14		-122.362	37.718	2089152.888	6023120.508		2289.578	RS-700	0.89043050315
16270	9/13/2019 8:33:15		-122.362	37.718	2089152.172	6023121.709		2332.318	RS-700	1.15923314465
16271	9/13/2019 8:33:16		-122.362	37.718	2089151.200	6023122.962		2329.185	RS-700	1.13952930818
16272	9/13/2019 8:33:17		-122.362	37.718	2089149.795	6023124.034		2358.969	RS-700	1.32684603774
16273	9/13/2019 8:33:18		-122.362	37.718	2089147.990	6023125.068		2251.018	RS-700	0.64791031447
16274	9/13/2019 8:33:19		-122.362	37.718	2089145.675	6023126.093		2335.305	RS-700	1.17801786164
16275	9/13/2019 8:33:20		-122.362	37.718	2089143.323	6023127.145		2350.078	RS-700	1.27093025157
16276	9/13/2019 8:33:21		-122.362	37.718	2089141.330	6023128.494		2356.177	RS-700	1.30928893082
16277	9/13/2019 8:33:22		-122.362	37.718	2089139.736	6023129.909		2319.314	RS-700	1.07744578616
16278	9/13/2019 8:33:23		-122.362	37.718	2089138.648	6023131.478		2380.855	RS-700	1.46449383648
16279	9/13/2019 8:33:24		-122.362	37.718	2089137.703	6023133.253		2304.593	RS-700	0.98485855346
16280	9/13/2019 8:33:25		-122.362	37.718	2089136.939	6023135.003		2318.179	RS-700	1.07030754717
16281	9/13/2019 8:33:26		-122.362	37.718	2089136.141	6023136.694		2346.786	RS-700	1.25022685535
16282	9/13/2019 8:33:27		-122.362	37.718	2089135.196	6023138.411		2339.584	RS-700	1.20492773585
16283	9/13/2019 8:33:28		-122.362	37.718	2089133.887	6023140.150		2292.357	RS-700	0.90790622642
16284	9/13/2019 8:33:29		-122.362	37.718	2089132.253	6023141.737		2391.214	RS-700	1.52964534591
16285	9/13/2019 8:33:30		-122.362	37.718	2089130.476	6023143.206		2554.171	RS-700	2.55453509434
16286	9/13/2019 8:33:31		-122.362	37.718	2089128.702	6023144.502		2527.161	RS-700	2.38466289308

Gamma Scan Survey Results
Survey Unit 4 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
16287	9/13/2019 8:33:32		-122.362	37.718	2089127.073	6023145.829		2397.585	RS-700	1.56971811321
16288	9/13/2019 8:33:33		-122.362	37.718	2089125.481	6023147.128		2352.832	RS-700	1.28825327044
16289	9/13/2019 8:33:34		-122.362	37.718	2089123.997	6023148.487		2320.059	RS-700	1.08213446541
16290	9/13/2019 8:33:35		-122.362	37.718	2089122.546	6023150.049		2311.060	RS-700	1.02553716981
16291	9/13/2019 8:33:36		-122.362	37.718	2089121.275	6023151.673		2359.841	RS-700	1.33233176101
16292	9/13/2019 8:33:37		-122.362	37.718	2089120.078	6023153.269		2425.230	RS-700	1.74358245283
16293	9/13/2019 8:33:38		-122.362	37.718	2089118.842	6023154.981		2353.376	RS-700	1.29167201258
16294	9/13/2019 8:33:39		-122.362	37.718	2089117.718	6023156.578		2274.384	RS-700	0.79486792453
16295	9/13/2019 8:33:40		-122.362	37.718	2089116.670	6023158.004		2293.942	RS-700	0.91787421384
16296	9/13/2019 8:33:41		-122.362	37.718	2089115.697	6023159.287		2360.996	RS-700	1.33959647799
16297	9/13/2019 8:33:42		-122.362	37.718	2089114.686	6023160.684		2381.977	RS-700	1.47155213836
16298	9/13/2019 8:33:43		-122.362	37.718	2089113.560	6023162.368		2326.648	RS-700	1.12357402516
16299	9/13/2019 8:33:44		-122.362	37.718	2089112.326	6023164.022		2305.546	RS-700	0.99085220126
16300	9/13/2019 8:33:45		-122.362	37.718	2089111.094	6023165.502		2330.831	RS-700	1.14987924528
16301	9/13/2019 8:33:46		-122.362	37.718	2089110.123	6023166.726		2317.758	RS-700	1.06765880503
16302	9/13/2019 8:33:47		-122.362	37.718	2089109.749	6023167.240		2291.936	RS-700	0.90525842767
16303	9/13/2019 8:33:48		-122.362	37.718	2089109.897	6023167.098		2246.918	RS-700	0.62212823899
16304	9/13/2019 8:33:49		-122.362	37.718	2089109.898	6023167.069		2346.550	RS-700	1.24873962264
16305	9/13/2019 8:33:50		-122.362	37.718	2089109.898	6023167.069		2203.996	RS-700	0.35217503145
16306	9/13/2019 8:33:51		-122.362	37.718	2089109.934	6023167.070		2203.569	RS-700	0.34948987421
16307	9/13/2019 8:33:52		-122.362	37.718	2089109.898	6023167.069		2317.178	RS-700	1.06401245283
16308	9/13/2019 8:33:53		-122.362	37.718	2089109.898	6023167.069		2346.310	RS-700	1.24723119497
16309	9/13/2019 8:33:54		-122.362	37.718	2089109.898	6023167.069		2341.849	RS-700	1.21917578616
16310	9/13/2019 8:33:55		-122.362	37.718	2089109.898	6023167.069		2335.154	RS-700	1.17706861635
16311	9/13/2019 8:33:56		-122.362	37.718	2089109.898	6023167.069		2290.363	RS-700	0.89536496855
16312	9/13/2019 8:33:57		-122.362	37.718	2089109.898	6023167.069		2280.386	RS-700	0.83261660377
16313	9/13/2019 8:33:58		-122.362	37.718	2089109.857	6023167.271		2373.794	RS-700	1.42008754717
16314	9/13/2019 8:33:59		-122.362	37.718	2089109.144	6023168.327		2324.288	RS-700	1.10872754717
16315	9/13/2019 8:34:00		-122.362	37.718	2089107.944	6023170.068		2310.289	RS-700	1.02068849057
16316	9/13/2019 8:34:01		-122.362	37.718	2089106.338	6023172.090		2268.922	RS-700	0.76051289308
16317	9/13/2019 8:34:02		-122.362	37.718	2089104.876	6023174.202		2314.169	RS-700	1.04508836478
16318	9/13/2019 8:34:03		-122.362	37.718	2089103.637	6023176.057		2312.481	RS-700	1.03447106918
16319	9/13/2019 8:34:04		-122.362	37.718	2089102.544	6023177.916		2304.948	RS-700	0.98709584906
16320	9/13/2019 8:34:05		-122.362	37.718	2089101.523	6023179.776		2258.606	RS-700	0.69563716981
16321	9/13/2019 8:34:06		-122.362	37.718	2089100.572	6023181.840		2258.691	RS-700	0.69617226415
16322	9/13/2019 8:34:07		-122.362	37.718	2089099.725	6023184.109		2312.182	RS-700	1.03259188679
16323	9/13/2019 8:34:08		-122.362	37.718	2089098.735	6023186.317		2289.939	RS-700	0.89269522013
16324	9/13/2019 8:34:09		-122.362	37.718	2089097.417	6023188.489		2230.904	RS-700	0.52140811321
16325	9/13/2019 8:34:10		-122.362	37.718	2089095.669	6023190.277		2280.932	RS-700	0.83604779874
16326	9/13/2019 8:34:11		-122.362	37.718	2089093.673	6023191.800		2324.414	RS-700	1.10952176101
16327	9/13/2019 8:34:12		-122.362	37.718	2089091.793	6023192.920		2232.137	RS-700	0.52916522013
16328	9/13/2019 8:34:13		-122.362	37.718	2089090.205	6023194.045		2252.806	RS-700	0.65915471698
16329	9/13/2019 8:34:14		-122.362	37.718	2089089.279	6023194.779		2358.080	RS-700	1.32125786164
16330	9/13/2019 8:34:15		-122.362	37.718	2089088.984	6023194.976		2337.955	RS-700	1.19468270440
16331	9/13/2019 8:34:16		-122.362	37.718	2089089.057	6023194.977		2393.860	RS-700	1.54628949686
16332	9/13/2019 8:34:17		-122.362	37.718	2089089.094	6023194.949		2379.336	RS-700	1.45494213836
16333	9/13/2019 8:34:18		-122.362	37.718	2089089.131	6023194.921		2295.409	RS-700	0.92709937107
16334	9/13/2019 8:34:19		-122.362	37.718	2089089.168	6023194.864		2327.600	RS-700	1.12956125786
16335	9/13/2019 8:34:20		-122.362	37.718	2089089.168	6023194.864		2313.640	RS-700	1.04176396226
16336	9/13/2019 8:34:21		-122.362	37.718	2089089.168	6023194.864		2323.917	RS-700	1.10639352201
16337	9/13/2019 8:34:22		-122.362	37.718	2089089.168	6023194.864		2320.481	RS-700	1.08478515723
16338	9/13/2019 8:34:23		-122.362	37.718	2089089.204	6023194.893		2324.530	RS-700	1.11025283019
16339	9/13/2019 8:34:24		-122.362	37.718	2089089.205	6023194.864		2277.822	RS-700	0.81649138365
16340	9/13/2019 8:34:25		-122.362	37.718	2089089.205	6023194.835		2406.115	RS-700	1.62336773585
16341	9/13/2019 8:34:26		-122.362	37.718	2089089.168	6023194.864		2264.578	RS-700	0.73319264151
16342	9/13/2019 8:34:27		-122.362	37.718	2089089.205	6023194.864		2357.666	RS-700	1.31865654088
16343	9/13/2019 8:34:28		-122.362	37.718	2089089.168	6023194.864		2298.499	RS-700	0.94653540881
16344	9/13/2019 8:34:29		-122.362	37.718	2089089.168	6023194.864		2284.707	RS-700	0.85979540881
16345	9/13/2019 8:34:30		-122.362	37.718	2089089.168	6023194.864		2400.995	RS-700	1.59116245283
16346	9/13/2019 8:34:31		-122.362	37.718	2089089.169	6023194.835		2284.403	RS-700	0.85787861635
16347	9/13/2019 8:34:32		-122.362	37.718	2089089.169	6023194.835		2276.163	RS-700	0.80605779874

Gamma Scan Survey Results
Survey Unit 4 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
16348	9/13/2019 8:34:33		-122.362	37.718	2089089.169	6023194.835		2312.169	RS-700	1.03251213836
16349	9/13/2019 8:34:34		-122.362	37.718	2089089.168	6023194.864		2332.719	RS-700	1.16175264151
16350	9/13/2019 8:34:35		-122.362	37.718	2089089.168	6023194.864		2234.686	RS-700	0.54519641509
16351	9/13/2019 8:34:36		-122.362	37.718	2089089.168	6023194.864		2191.681	RS-700	0.27472157233
16352	9/13/2019 8:34:37		-122.362	37.718	2089089.168	6023194.864		2399.567	RS-700	1.58218056604
16353	9/13/2019 8:34:38		-122.362	37.718	2089089.132	6023194.863		2318.067	RS-700	1.06960176101
16354	9/13/2019 8:34:39		-122.362	37.718	2089089.132	6023194.863		2270.794	RS-700	0.77229182390
16355	9/13/2019 8:34:40		-122.362	37.718	2089089.132	6023194.863		2292.819	RS-700	0.91081220126
16356	9/13/2019 8:34:41		-122.362	37.718	2089089.132	6023194.892		2319.715	RS-700	1.07996893082
16357	9/13/2019 8:34:42		-122.362	37.718	2089089.132	6023194.892		2290.817	RS-700	0.89821698113
16358	9/13/2019 8:34:43		-122.362	37.718	2089089.168	6023194.892		2350.725	RS-700	1.27499874214
16359	9/13/2019 8:34:44		-122.362	37.718	2089089.132	6023194.892		2266.490	RS-700	0.74522050315
16360	9/13/2019 8:34:45		-122.362	37.718	2089089.132	6023194.892		2287.733	RS-700	0.87882188679
16361	9/13/2019 8:34:46		-122.362	37.718	2089089.132	6023194.892		2365.720	RS-700	1.36931050314
16362	9/13/2019 8:34:47		-122.362	37.718	2089089.095	6023194.891		2249.038	RS-700	0.63545742138
16363	9/13/2019 8:34:48		-122.362	37.718	2089089.095	6023194.891		2378.091	RS-700	1.44711012579
16364	9/13/2019 8:34:49		-122.362	37.718	2089089.095	6023194.891		2268.701	RS-700	0.75912666667
16365	9/13/2019 8:34:50		-122.362	37.718	2089089.095	6023194.891		2313.062	RS-700	1.03812301887
16366	9/13/2019 8:34:51		-122.362	37.718	2089089.095	6023194.891		2283.593	RS-700	0.85278654088
16367	9/13/2019 8:34:52		-122.362	37.718	2089089.095	6023194.891		2317.543	RS-700	1.06630691824
16368	9/13/2019 8:34:53		-122.362	37.718	2089089.059	6023194.861		2315.646	RS-700	1.05437792453
16369	9/13/2019 8:34:54		-122.362	37.718	2089089.059	6023194.890		2326.063	RS-700	1.11989415094
16370	9/13/2019 8:34:55		-122.362	37.718	2089089.022	6023194.890		2312.714	RS-700	1.03593477987
16371	9/13/2019 8:34:56		-122.362	37.718	2089089.059	6023194.890		2305.060	RS-700	0.98780094340
16372	9/13/2019 8:34:57		-122.362	37.718	2089089.059	6023194.890		2294.729	RS-700	0.92282622642
16373	9/13/2019 8:34:58		-122.362	37.718	2089089.022	6023194.890		2411.744	RS-700	1.65876918239
16374	9/13/2019 8:34:59		-122.362	37.718	2089089.022	6023194.890		2250.925	RS-700	0.64732786164
16375	9/13/2019 8:35:00		-122.362	37.718	2089088.912	6023194.945		2316.062	RS-700	1.05699295597
16376	9/13/2019 8:35:01		-122.362	37.718	2089088.061	6023195.623		2326.706	RS-700	1.12393685535
16377	9/13/2019 8:35:02		-122.362	37.718	2089086.757	6023197.072		2346.314	RS-700	1.24725754717
16378	9/13/2019 8:35:03		-122.362	37.718	2089085.516	6023199.073		2280.166	RS-700	0.83123377359
16379	9/13/2019 8:35:04		-122.362	37.718	2089084.672	6023201.226		2314.303	RS-700	1.04593289308
16380	9/13/2019 8:35:05		-122.362	37.718	2089084.080	6023203.528		2261.924	RS-700	0.71650125786
16381	9/13/2019 8:35:06		-122.362	37.718	2089083.632	6023205.892		2297.067	RS-700	0.29638498534
16382	9/13/2019 8:35:07		-122.362	37.718	2089083.041	6023208.136		2357.493	RS-700	0.47358739003
16383	9/13/2019 8:35:08		-122.362	37.718	2089082.353	6023209.772		2455.991	RS-700	0.76243803519
16384	9/13/2019 8:35:09		-122.362	37.718	2089081.701	6023211.408		2582.927	RS-700	1.13468217009
16385	9/13/2019 8:35:10		-122.362	37.718	2089080.913	6023212.578		2659.603	RS-700	1.35953868035
16386	9/13/2019 8:35:11		-122.362	37.718	2089080.386	6023213.465		2626.072	RS-700	1.26120741935
16387	9/13/2019 8:35:12		-122.362	37.718	2089079.494	6023214.344		2391.925	RS-700	0.57455973607
16388	9/13/2019 8:35:13		-122.362	37.718	2089078.088	6023215.473		1874.295	RS-700	-0.94341636364
16389	9/13/2019 8:35:14		-122.362	37.718	2089076.357	6023216.451		1681.769	RS-700	-1.50800970674
16390	9/13/2019 8:35:15		-122.362	37.717	2089074.077	6023217.534		2377.860	RS-700	0.53331313783
16391	9/13/2019 8:35:16		-122.362	37.717	2089071.390	6023218.985		2742.657	RS-700	1.60309967742
16392	9/13/2019 8:35:17		-122.362	37.717	2089069.096	6023220.762		2483.411	RS-700	0.84284712610
16393	9/13/2019 8:35:18		-122.362	37.717	2089067.198	6023222.836		2342.483	RS-700	1.22316389937
16394	9/13/2019 8:35:19		-122.362	37.717	2089065.629	6023224.801		2409.984	RS-700	1.64769937107
16395	9/13/2019 8:35:20		-122.362	37.717	2089064.643	6023226.777		2280.245	RS-700	0.83172742138
16396	9/13/2019 8:35:21		-122.362	37.717	2089063.878	6023228.585		2262.699	RS-700	0.72137672956
16397	9/13/2019 8:35:22		-122.362	37.717	2089063.372	6023230.224		2208.555	RS-700	0.38085163522
16398	9/13/2019 8:35:23		-122.362	37.717	2089063.139	6023230.971		2280.714	RS-700	0.83467635220
16399	9/13/2019 8:35:24		-122.362	37.717	2089062.986	6023231.315		2206.104	RS-700	0.36543603774
16400	9/13/2019 8:35:25		-122.362	37.717	2089062.336	6023232.894		2183.009	RS-700	0.22018132076
16401	9/13/2019 8:35:26		-122.362	37.717	2089061.245	6023234.637		2185.566	RS-700	0.23626566038
16402	9/13/2019 8:35:27		-122.362	37.717	2089059.753	6023236.430		2193.786	RS-700	0.28796050315
16403	9/13/2019 8:35:28		-122.362	37.717	2089057.753	6023238.097		2278.268	RS-700	0.81929566038
16404	9/13/2019 8:35:29		-122.362	37.717	2089055.720	6023239.590		2234.353	RS-700	0.54310144654
16405	9/13/2019 8:35:30		-122.362	37.717	2089053.834	6023241.028		2192.459	RS-700	0.27961691824
16406	9/13/2019 8:35:31		-122.362	37.717	2089052.202	6023242.528		2289.705	RS-700	0.89122559748
16407	9/13/2019 8:35:32		-122.362	37.717	2089050.530	6023244.202		2254.146	RS-700	0.66758591195
16408	9/13/2019 8:35:33		-122.362	37.717	2089048.854	6023246.049		2347.606	RS-700	1.25538106918

Gamma Scan Survey Results
Survey Unit 4 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
16409	9/13/2019 8:35:34		-122.362	37.717	2089047.217	6023247.810		2289.719	RS-700	0.89131603774
16410	9/13/2019 8:35:35		-122.362	37.717	2089045.832	6023249.663		2288.945	RS-700	0.88644754717
16411	9/13/2019 8:35:36		-122.362	37.717	2089044.483	6023251.575		2352.204	RS-700	1.28430018868
16412	9/13/2019 8:35:37		-122.362	37.717	2089043.132	6023253.602		2375.971	RS-700	1.43377918239
16413	9/13/2019 8:35:38		-122.362	37.717	2089041.999	6023255.604		2380.377	RS-700	1.46148830189
16414	9/13/2019 8:35:39		-122.362	37.717	2089040.942	6023257.493		2351.842	RS-700	1.28202220126
16415	9/13/2019 8:35:40		-122.362	37.717	2089039.848	6023259.409		2304.382	RS-700	0.98353559748
16416	9/13/2019 8:35:41		-122.362	37.717	2089038.540	6023261.061		2350.607	RS-700	1.27425528302
16417	9/13/2019 8:35:42		-122.362	37.717	2089037.500	6023262.082		2293.820	RS-700	0.91710779874
16418	9/13/2019 8:35:43		-122.362	37.717	2089036.571	6023263.018		2249.681	RS-700	0.63950018868
16419	9/13/2019 8:35:44		-122.362	37.717	2089036.014	6023263.557		2212.015	RS-700	0.40261289308
16420	9/13/2019 8:35:45		-122.362	37.717	2089034.898	6023264.750		2294.131	RS-700	0.91906094340
16421	9/13/2019 8:35:46		-122.362	37.717	2089033.890	6023265.974		2271.819	RS-700	0.77873522013
16422	9/13/2019 8:35:47		-122.362	37.717	2089032.913	6023267.488		2169.199	RS-700	0.13332905660
16423	9/13/2019 8:35:48		-122.362	37.717	2089032.453	6023268.665		2208.693	RS-700	0.38171836478
16424	9/13/2019 8:35:49		-122.362	37.717	2089031.959	6023269.667		2253.916	RS-700	0.66614132076
16425	9/13/2019 8:35:50		-122.362	37.717	2089031.689	6023270.443		2259.472	RS-700	0.70108220126
16426	9/13/2019 8:35:51		-122.362	37.717	2089031.496	6023270.989		2270.815	RS-700	0.77241855346
16427	9/13/2019 8:35:52		-122.361	37.717	2089031.302	6023271.564		2148.106	RS-700	0.00066735849
16428	9/13/2019 8:35:53		-122.361	37.717	2089030.403	6023272.819		2135.659	RS-700	-0.07761660377
16429	9/13/2019 8:35:54		-122.361	37.717	2089029.430	6023274.159		2269.816	RS-700	0.76614031447
16430	9/13/2019 8:35:55		-122.361	37.717	2089028.238	6023275.466		2215.344	RS-700	0.42354459120
16431	9/13/2019 8:35:56		-122.361	37.717	2089027.338	6023276.779		2219.796	RS-700	0.45154899371
16432	9/13/2019 8:35:57		-122.361	37.717	2089026.585	6023278.008		2294.163	RS-700	0.91926603774
16433	9/13/2019 8:35:58		-122.361	37.717	2089026.049	6023279.328		2155.991	RS-700	0.05025559748
16434	9/13/2019 8:35:59		-122.361	37.717	2089025.619	6023280.824		2090.535	RS-700	-0.36141811321
16435	9/13/2019 8:36:00		-122.361	37.717	2089025.146	6023282.637		2230.140	RS-700	0.51660446541
16436	9/13/2019 8:36:01		-122.361	37.717	2089024.854	6023284.483		2061.843	RS-700	-0.54187062893
16437	9/13/2019 8:36:02		-122.361	37.717	2089024.488	6023286.414		2170.881	RS-700	0.14390408805
16438	9/13/2019 8:36:03		-122.361	37.717	2089023.978	6023288.226		2173.440	RS-700	0.15999735849
16439	9/13/2019 8:36:04		-122.361	37.717	2089023.142	6023290.003		2145.335	RS-700	-0.01676163522
16440	9/13/2019 8:36:05		-122.361	37.717	2089022.016	6023291.688		2120.547	RS-700	-0.17265874214
16441	9/13/2019 8:36:06		-122.361	37.717	2089020.672	6023293.310		2208.003	RS-700	0.37737465409
16442	9/13/2019 8:36:07		-122.361	37.717	2089019.007	6023294.666		2107.093	RS-700	-0.25727685535
16443	9/13/2019 8:36:08		-122.361	37.717	2089017.159	6023296.018		2189.996	RS-700	0.26412301887
16444	9/13/2019 8:36:09		-122.361	37.717	2089015.677	6023297.290		2173.104	RS-700	0.15788710692
16445	9/13/2019 8:36:10		-122.361	37.717	2089014.380	6023298.421		2261.266	RS-700	0.71236509434
16446	9/13/2019 8:36:11		-122.361	37.717	2089013.231	6023299.411		2206.010	RS-700	0.36484257862
16447	9/13/2019 8:36:12		-122.361	37.717	2089012.302	6023300.318		2172.673	RS-700	0.15517553459
16448	9/13/2019 8:36:13		-122.361	37.717	2089011.820	6023300.772		2133.768	RS-700	-0.08950968553
16449	9/13/2019 8:36:14		-122.361	37.717	2089011.820	6023300.743		2227.463	RS-700	0.49976880503
16450	9/13/2019 8:36:15		-122.361	37.717	2089011.857	6023300.715		2131.337	RS-700	-0.10480094340
16451	9/13/2019 8:36:16		-122.361	37.717	2089011.857	6023300.715		2244.259	RS-700	0.60540522013
16452	9/13/2019 8:36:17		-122.361	37.717	2089011.820	6023300.743		2082.436	RS-700	-0.41235383648
16453	9/13/2019 8:36:18		-122.361	37.717	2089011.820	6023300.743		2135.554	RS-700	-0.07827905660
16454	9/13/2019 8:36:19		-122.361	37.717	2089011.856	6023300.772		2226.009	RS-700	0.49062308176
16455	9/13/2019 8:36:20		-122.361	37.717	2089011.820	6023300.772		2117.181	RS-700	-0.19382930818
16456	9/13/2019 8:36:21		-122.361	37.717	2089011.820	6023300.772		2216.350	RS-700	0.42987220126
16457	9/13/2019 8:36:22		-122.361	37.717	2089011.856	6023300.772		2110.540	RS-700	-0.23559440252
16458	9/13/2019 8:36:23		-122.361	37.717	2089011.856	6023300.772		2194.897	RS-700	0.29494754717
16459	9/13/2019 8:36:24		-122.361	37.717	2089011.893	6023300.773		2286.854	RS-700	0.87329257862
16460	9/13/2019 8:36:25		-122.361	37.717	2089011.930	6023300.716		2278.276	RS-700	0.81934672956
16461	9/13/2019 8:36:26		-122.361	37.717	2089011.930	6023300.716		2076.438	RS-700	-0.45007748428
16462	9/13/2019 8:36:27		-122.361	37.717	2089011.967	6023300.717		2207.781	RS-700	0.37598031447
16463	9/13/2019 8:36:28		-122.361	37.717	2089011.967	6023300.717		2246.921	RS-700	0.62214270440
16464	9/13/2019 8:36:29		-122.361	37.717	2089011.966	6023300.746		2147.766	RS-700	-0.00147339623
16465	9/13/2019 8:36:30		-122.361	37.717	2089011.744	6023300.915		2236.017	RS-700	0.55356584906
16466	9/13/2019 8:36:31		-122.361	37.717	2089010.960	6023301.883		2197.785	RS-700	0.31311371069
16467	9/13/2019 8:36:32		-122.361	37.717	2089009.912	6023303.338		2145.658	RS-700	-0.01473088050
16468	9/13/2019 8:36:33		-122.361	37.717	2089008.492	6023305.103		2242.461	RS-700	0.59409232704
16469	9/13/2019 8:36:34		-122.361	37.717	2089006.784	6023306.747		2187.457	RS-700	0.24815742138

Gamma Scan Survey Results
Survey Unit 4 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
16470	9/13/2019 8:36:35		-122.361	37.717	2089005.008	6023308.187		2178.123	RS-700	0.18945251572
16471	9/13/2019 8:36:36		-122.361	37.717	2089003.304	6023309.629		2265.588	RS-700	0.73954534591
16472	9/13/2019 8:36:37		-122.361	37.717	2089001.853	6023311.162		2165.671	RS-700	0.11113534591
16473	9/13/2019 8:36:38		-122.361	37.717	2089000.220	6023312.692		2315.606	RS-700	1.05412610063
16474	9/13/2019 8:36:39		-122.361	37.717	2088998.556	6023313.961		2249.027	RS-700	0.63538993711
16475	9/13/2019 8:36:40		-122.361	37.717	2088996.892	6023315.200		2233.801	RS-700	0.53963025157
16476	9/13/2019 8:36:41		-122.361	37.717	2088995.444	6023316.589		2252.924	RS-700	0.65989754717
16477	9/13/2019 8:36:42		-122.361	37.717	2088994.319	6023318.245		2268.372	RS-700	0.75705553459
16478	9/13/2019 8:36:43		-122.361	37.717	2088993.189	6023320.132		2286.474	RS-700	0.87090364780
16479	9/13/2019 8:36:44		-122.361	37.717	2088992.094	6023322.077		2214.802	RS-700	0.42013528302
16480	9/13/2019 8:36:45		-122.361	37.717	2088991.033	6023324.168		2218.574	RS-700	0.44385874214
16481	9/13/2019 8:36:46		-122.361	37.717	2088990.119	6023326.175		2226.911	RS-700	0.49629754717
16482	9/13/2019 8:36:47		-122.361	37.717	2088989.355	6023327.953		2242.694	RS-700	0.59555836478
16483	9/13/2019 8:36:48		-122.361	37.717	2088988.336	6023329.756		2192.230	RS-700	0.27817918239
16484	9/13/2019 8:36:49		-122.361	37.717	2088987.064	6023331.437		2241.920	RS-700	0.59069320755
16485	9/13/2019 8:36:50		-122.361	37.717	2088985.101	6023333.076		2254.602	RS-700	0.67045163522
16486	9/13/2019 8:36:51		-122.361	37.717	2088982.782	6023334.332		2278.041	RS-700	0.81786886793
16487	9/13/2019 8:36:52		-122.361	37.717	2088980.869	6023335.306		2284.036	RS-700	0.85557006289
16488	9/13/2019 8:36:53		-122.361	37.717	2088979.395	6023336.145		2345.370	RS-700	1.24131855346
16489	9/13/2019 8:36:54		-122.361	37.717	2088977.916	6023337.273		2202.461	RS-700	0.34252383648
16490	9/13/2019 8:36:55		-122.361	37.717	2088976.540	6023338.721		2263.699	RS-700	0.72766402516
16491	9/13/2019 8:36:56		-122.361	37.717	2088975.305	6023340.403		2233.784	RS-700	0.53952408805
16492	9/13/2019 8:36:57		-122.361	37.717	2088974.069	6023342.086		2146.773	RS-700	-0.00771465409
16493	9/13/2019 8:36:58		-122.361	37.717	2088972.834	6023343.768		2190.344	RS-700	0.26631427673
16494	9/13/2019 8:36:59		-122.361	37.717	2088971.414	6023345.591		2127.657	RS-700	-0.12794647799
16495	9/13/2019 8:37:00		-122.361	37.717	2088970.102	6023347.474		2268.931	RS-700	0.76056924528
16496	9/13/2019 8:37:01		-122.361	37.717	2088968.680	6023349.384		2311.057	RS-700	1.02551723270
16497	9/13/2019 8:37:02		-122.361	37.717	2088967.186	6023351.235		2185.671	RS-700	0.23692528302
16498	9/13/2019 8:37:03		-122.361	37.717	2088965.912	6023353.061		2200.669	RS-700	0.33124842767
16499	9/13/2019 8:37:04		-122.361	37.717	2088964.529	6023354.828		2162.229	RS-700	0.08949314465
16500	9/13/2019 8:37:05		-122.361	37.717	2088963.072	6023356.650		2258.051	RS-700	0.69214339623
16501	9/13/2019 8:37:06		-122.361	37.717	2088961.470	6023358.499		2182.785	RS-700	0.21877597484
16502	9/13/2019 8:37:07		-122.361	37.717	2088960.048	6023360.409		2289.713	RS-700	0.89127572327
16503	9/13/2019 8:37:08		-122.361	37.717	2088958.809	6023362.265		2187.785	RS-700	0.25021761006
16504	9/13/2019 8:37:09		-122.361	37.717	2088957.420	6023364.349		2313.352	RS-700	1.03995106918
16505	9/13/2019 8:37:10		-122.361	37.717	2088956.034	6023366.289		2336.322	RS-700	1.18441691824
16506	9/13/2019 8:37:11		-122.361	37.717	2088954.758	6023368.202		2328.181	RS-700	1.13321490566
16507	9/13/2019 8:37:12		-122.361	37.717	2088953.735	6023370.177		2233.029	RS-700	0.53477226415
16508	9/13/2019 8:37:13		-122.361	37.717	2088953.481	6023371.966		2046.324	RS-700	-0.63947264151
16509	9/13/2019 8:37:14		-122.361	37.717	2088953.412	6023373.585		2104.067	RS-700	-0.27630779874
16510	9/13/2019 8:37:15		-122.361	37.717	2088952.905	6023375.311		2241.805	RS-700	0.58997138365
16511	9/13/2019 8:37:16		-122.361	37.717	2088951.920	6023377.200		2299.936	RS-700	0.95557433962
16512	9/13/2019 8:37:17		-122.361	37.717	2088950.427	6023379.022		2304.936	RS-700	0.98701867925
16513	9/13/2019 8:37:18		-122.361	37.717	2088948.614	6023380.462		2276.049	RS-700	0.80534075472
16514	9/13/2019 8:37:19		-122.361	37.717	2088946.624	6023381.637		2245.037	RS-700	0.61029471698
16515	9/13/2019 8:37:20		-122.361	37.717	2088944.673	6023382.669		2233.028	RS-700	0.53476660377
16516	9/13/2019 8:37:21		-122.361	37.717	2088942.718	6023383.903		2253.812	RS-700	0.66548257862
16517	9/13/2019 8:37:22		-122.361	37.717	2088940.573	6023385.567		2292.062	RS-700	0.90604786164
16518	9/13/2019 8:37:23		-122.361	37.717	2088938.862	6023387.385		2275.593	RS-700	0.80247081761
16519	9/13/2019 8:37:24		-122.361	37.717	2088937.659	6023389.241		2230.823	RS-700	0.52090220126
16520	9/13/2019 8:37:25		-122.361	37.717	2088936.527	6023391.244		2272.374	RS-700	0.78222792453
16521	9/13/2019 8:37:26		-122.361	37.717	2088935.175	6023393.271		2286.936	RS-700	0.87381276730
16522	9/13/2019 8:37:27		-122.361	37.717	2088933.641	6023395.352		2339.602	RS-700	1.20504635220
16523	9/13/2019 8:37:28		-122.361	37.717	2088932.038	6023397.230		2284.287	RS-700	0.85714987421
16524	9/13/2019 8:37:29		-122.361	37.717	2088930.291	6023398.989		2242.796	RS-700	0.59620295598
16525	9/13/2019 8:37:30		-122.361	37.717	2088928.806	6023400.406		2269.611	RS-700	0.76484603774
16526	9/13/2019 8:37:31		-122.361	37.717	2088927.654	6023401.540		2300.816	RS-700	0.96110427673
16527	9/13/2019 8:37:32		-122.361	37.717	2088926.796	6023402.593		2281.818	RS-700	0.84162320755
16528	9/13/2019 8:37:33		-122.361	37.717	2088926.079	6023403.823		2125.638	RS-700	-0.14064144654
16529	9/13/2019 8:37:34		-122.361	37.717	2088925.539	6023405.346		2339.723	RS-700	1.20580528302
16530	9/13/2019 8:37:35		-122.361	37.717	2088925.256	6023406.758		2276.694	RS-700	0.80939742138

Gamma Scan Survey Results
Survey Unit 4 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
16531	9/13/2019 8:37:36		-122.361	37.717	2088924.677	6023408.395		2303.482	RS-700	0.97787113208
16532	9/13/2019 8:37:37		-122.361	37.717	2088923.655	6023410.342		2400.239	RS-700	1.58641125786
16533	9/13/2019 8:37:38		-122.361	37.717	2088922.194	6023412.396		2324.965	RS-700	1.11298459119
16534	9/13/2019 8:37:39		-122.361	37.717	2088920.735	6023414.363		2387.611	RS-700	1.50698981132
16535	9/13/2019 8:37:40		-122.361	37.717	2088919.350	6023416.216		2349.428	RS-700	1.26684433962
16536	9/13/2019 8:37:41		-122.361	37.717	2088918.043	6023417.839		2338.299	RS-700	1.19684748428
16537	9/13/2019 8:37:42		-122.361	37.717	2088917.287	6023419.271		2283.820	RS-700	0.85421572327
16538	9/13/2019 8:37:43		-122.361	37.717	2088916.854	6023420.882		2410.991	RS-700	1.65403352201
16539	9/13/2019 8:37:44		-122.361	37.717	2088916.647	6023422.151		2297.484	RS-700	0.94015012579
16540	9/13/2019 8:37:45		-122.361	37.717	2088916.069	6023423.702		2353.490	RS-700	1.29239050314
16541	9/13/2019 8:37:46		-122.361	37.717	2088914.795	6023425.499		2287.050	RS-700	0.87452786164
16542	9/13/2019 8:37:47		-122.361	37.717	2088912.976	6023427.257		2229.795	RS-700	0.51443704403
16543	9/13/2019 8:37:48		-122.361	37.717	2088911.052	6023428.752		2362.729	RS-700	1.35049452830
16544	9/13/2019 8:37:49		-122.361	37.717	2088909.170	6023430.016		2242.019	RS-700	0.59131534591
16545	9/13/2019 8:37:50		-122.361	37.717	2088907.136	6023431.567		2361.083	RS-700	1.34014647799
16546	9/13/2019 8:37:51		-122.361	37.717	2088905.211	6023433.120		2296.165	RS-700	0.93185503145
16547	9/13/2019 8:37:52		-122.361	37.717	2088903.355	6023434.876		2247.695	RS-700	0.62700987421
16548	9/13/2019 8:37:53		-122.361	37.717	2088901.574	6023436.577		2134.550	RS-700	-0.08459169811
16549	9/13/2019 8:37:54		-122.361	37.717	2088900.118	6023438.342		2247.369	RS-700	0.62496402516
16550	9/13/2019 8:37:55		-122.361	37.717	2088898.912	6023440.401		2366.459	RS-700	1.37395509434
16551	9/13/2019 8:37:56		-122.361	37.717	2088897.596	6023442.457		2289.165	RS-700	0.88783000000
16552	9/13/2019 8:37:57		-122.361	37.717	2088896.062	6023444.510		2324.075	RS-700	1.10738974843
16553	9/13/2019 8:37:58		-122.361	37.717	2088894.383	6023446.530		2263.041	RS-700	0.72353138365
16554	9/13/2019 8:37:59		-122.361	37.717	2088892.740	6023448.581		2144.501	RS-700	-0.02200320755
16555	9/13/2019 8:38:00		-122.361	37.717	2088891.424	6023450.638		2229.580	RS-700	0.51308050315
16556	9/13/2019 8:38:01		-122.361	37.717	2088890.040	6023452.491		2293.825	RS-700	0.91713805031
16557	9/13/2019 8:38:02		-122.361	37.717	2088888.724	6023454.576		2181.675	RS-700	0.21179157233
16558	9/13/2019 8:38:03		-122.361	37.717	2088887.333	6023456.776		2135.664	RS-700	-0.07758427673
16559	9/13/2019 8:38:04		-122.361	37.717	2088885.870	6023458.917		2226.237	RS-700	0.49205792453
16560	9/13/2019 8:38:05		-122.361	37.717	2088884.593	6023460.859		2233.688	RS-700	0.53892119497
16561	9/13/2019 8:38:06		-122.361	37.717	2088883.461	6023462.833		2314.955	RS-700	1.05003408805
16562	9/13/2019 8:38:07		-122.361	37.717	2088882.368	6023464.662		2257.918	RS-700	0.69130635220
16563	9/13/2019 8:38:08		-122.361	37.717	2088881.341	6023466.899		2370.733	RS-700	1.40083861635
16564	9/13/2019 8:38:09		-122.361	37.717	2088880.571	6023468.995		2379.617	RS-700	1.45671264151
16565	9/13/2019 8:38:10		-122.361	37.717	2088879.876	6023470.949		2326.186	RS-700	1.12066905660
16566	9/13/2019 8:38:11		-122.361	37.717	2088879.070	6023473.016		2327.692	RS-700	1.13013559748
16567	9/13/2019 8:38:12		-122.361	37.717	2088878.047	6023475.049		2303.828	RS-700	0.98005031447
16568	9/13/2019 8:38:13		-122.361	37.717	2088876.259	6023477.039		2310.368	RS-700	1.02118327044
16569	9/13/2019 8:38:14		-122.361	37.717	2088873.964	6023478.903		2230.466	RS-700	0.51865534591
16570	9/13/2019 8:38:15		-122.361	37.717	2088871.561	6023480.677		2305.521	RS-700	0.99069905660
16571	9/13/2019 8:38:16		-122.361	37.717	2088869.376	6023482.514		2300.094	RS-700	0.95656729560
16572	9/13/2019 8:38:17		-122.361	37.717	2088867.443	6023484.472		2300.710	RS-700	0.96043981132
16573	9/13/2019 8:38:18		-122.361	37.717	2088865.656	6023486.462		2289.615	RS-700	0.89065911950
16574	9/13/2019 8:38:19		-122.361	37.717	2088864.015	6023488.396		2162.554	RS-700	0.09153496855
16575	9/13/2019 8:38:20		-122.361	37.717	2088862.520	6023490.305		2235.248	RS-700	0.54873238994
16576	9/13/2019 8:38:21		-122.361	37.717	2088861.206	6023492.275		2283.700	RS-700	0.85346213837
16577	9/13/2019 8:38:22		-122.361	37.717	2088859.895	6023494.101		2137.319	RS-700	-0.06717584906
16578	9/13/2019 8:38:23		-122.361	37.717	2088858.738	6023495.524		2157.886	RS-700	0.06217553459
16579	9/13/2019 8:38:24		-122.361	37.717	2088857.805	6023496.663		2159.883	RS-700	0.07473540881
16580	9/13/2019 8:38:25		-122.361	37.717	2088857.432	6023497.118		2110.763	RS-700	-0.23419559748
16581	9/13/2019 8:38:26		-122.361	37.717	2088857.394	6023497.175		2147.667	RS-700	-0.00209691824
16582	9/13/2019 8:38:27		-122.361	37.717	2088857.320	6023497.232		2117.291	RS-700	-0.19313861635
16583	9/13/2019 8:38:28		-122.361	37.717	2088856.796	6023497.945		2015.622	RS-700	-0.83256779874
16584	9/13/2019 8:38:29		-122.361	37.717	2088856.126	6023498.683		1730.442	RS-700	-2.62615094340
16585	9/13/2019 8:38:30		-122.361	37.717	2088855.752	6023499.168		1841.845	RS-700	-1.92550012579
16586	9/13/2019 8:38:31		-122.361	37.717	2088855.364	6023500.346		2177.229	RS-700	0.18382968554
16587	9/13/2019 8:38:32		-122.361	37.717	2088854.577	6023501.459		2157.093	RS-700	0.05719044025
16588	9/13/2019 8:38:33		-122.361	37.717	2088854.155	6023502.550		2072.845	RS-700	-0.47267238994
16589	9/13/2019 8:38:34		-122.361	37.717	2088853.768	6023503.728		2178.092	RS-700	0.18925955975
16590	9/13/2019 8:38:35		-122.361	37.717	2088852.896	6023505.447		2244.801	RS-700	0.60881295598
16591	9/13/2019 8:38:36		-122.361	37.717	2088851.625	6023507.071		2229.579	RS-700	0.51307440252

Gamma Scan Survey Results
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SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
16592	9/13/2019 8:38:37		-122.361	37.717	2088850.395	6023508.493		2142.894	RS-700	-0.03211383648
16593	9/13/2019 8:38:38		-122.361	37.717	2088849.490	6023510.066		2194.879	RS-700	0.29483433962
16594	9/13/2019 8:38:39		-122.361	37.717	2088848.805	6023511.528		2222.783	RS-700	0.47033031447
16595	9/13/2019 8:38:40		-122.361	37.717	2088848.416	6023512.793		2153.658	RS-700	0.03558314465
16596	9/13/2019 8:38:41		-122.361	37.717	2088848.063	6023514.059		2132.500	RS-700	-0.09748119497
16597	9/13/2019 8:38:42		-122.361	37.717	2088847.750	6023515.123		2126.296	RS-700	-0.13650377359
16598	9/13/2019 8:38:43		-122.361	37.717	2088847.552	6023515.929		2091.538	RS-700	-0.35510811321
16599	9/13/2019 8:38:44		-122.361	37.717	2088847.280	6023516.792		2151.880	RS-700	0.02440339623
16600	9/13/2019 8:38:45		-122.361	37.717	2088846.857	6023517.940		2210.123	RS-700	0.39071106918
16601	9/13/2019 8:38:46		-122.361	37.717	2088846.210	6023519.316		2152.782	RS-700	0.03007257862
16602	9/13/2019 8:38:47		-122.361	37.717	2088845.272	6023520.686		2098.169	RS-700	-0.31340169811
16603	9/13/2019 8:38:48		-122.361	37.717	2088843.788	6023522.074		2060.949	RS-700	-0.54749062893
16604	9/13/2019 8:38:49		-122.361	37.717	2088841.978	6023523.340		2067.257	RS-700	-0.50781987421
16605	9/13/2019 8:38:50		-122.361	37.717	2088840.064	6023524.402		2196.906	RS-700	0.30758779874
16606	9/13/2019 8:38:51		-122.361	37.717	2088838.042	6023525.316		2213.684	RS-700	0.41310377359
16607	9/13/2019 8:38:52		-122.361	37.717	2088836.200	6023526.408		2211.682	RS-700	0.40051716981
16608	9/13/2019 8:38:53		-122.361	37.717	2088834.317	6023527.701		2228.688	RS-700	0.50747270440
16609	9/13/2019 8:38:54		-122.361	37.717	2088832.609	6023529.316		2121.990	RS-700	-0.16358496855
16610	9/13/2019 8:38:55		-122.361	37.717	2088831.223	6023531.256		2113.863	RS-700	-0.21469798742
16611	9/13/2019 8:38:56		-122.361	37.717	2088830.015	6023533.402		2203.568	RS-700	0.34948465409
16612	9/13/2019 8:38:57		-122.361	37.717	2088828.768	6023535.662		2220.118	RS-700	0.45357490566
16613	9/13/2019 8:38:58		-122.361	37.717	2088827.629	6023538.012		2367.325	RS-700	1.37940446541
16614	9/13/2019 8:38:59		-122.361	37.717	2088826.819	6023540.281		2378.744	RS-700	1.45122100629
16615	9/13/2019 8:39:00		-122.361	37.717	2088826.009	6023542.551		2350.192	RS-700	1.27164710692
16616	9/13/2019 8:39:01		-122.361	37.717	2088825.018	6023544.759		2428.997	RS-700	1.76727635220
16617	9/13/2019 8:39:02		-122.361	37.717	2088824.005	6023546.272		2403.451	RS-700	1.60660723270
16618	9/13/2019 8:39:03		-122.361	37.717	2088822.771	6023547.867		2348.737	RS-700	1.26249610063
16619	9/13/2019 8:39:04		-122.361	37.717	2088821.323	6023549.256		2267.043	RS-700	0.74869761006
16620	9/13/2019 8:39:05		-122.361	37.717	2088820.207	6023550.478		2296.403	RS-700	0.93335238994
16621	9/13/2019 8:39:06		-122.361	37.717	2088818.755	6023552.069		2347.433	RS-700	1.25429509434
16622	9/13/2019 8:39:07		-122.361	37.717	2088817.523	6023553.549		2257.487	RS-700	0.68859635220
16623	9/13/2019 8:39:08		-122.361	37.717	2088816.105	6023555.257		2079.323	RS-700	-0.43192786164
16624	9/13/2019 8:39:09		-122.360	37.717	2088814.615	6023556.934		2197.566	RS-700	0.31173773585
16625	9/13/2019 8:39:10		-122.360	37.717	2088813.236	6023558.556		2188.671	RS-700	0.25579251572
16626	9/13/2019 8:39:11		-122.360	37.717	2088811.674	6023560.174		2228.686	RS-700	0.50745660377
16627	9/13/2019 8:39:12		-122.360	37.717	2088810.218	6023561.938		2190.785	RS-700	0.26908886793
16628	9/13/2019 8:39:13		-122.360	37.717	2088808.872	6023563.705		2209.120	RS-700	0.38440245283
16629	9/13/2019 8:39:14		-122.360	37.717	2088807.748	6023565.303		2233.240	RS-700	0.53609786164
16630	9/13/2019 8:39:15		-122.360	37.717	2088806.366	6023567.040		2188.790	RS-700	0.25654201258
16631	9/13/2019 8:39:16		-122.360	37.717	2088805.025	6023568.547		2247.582	RS-700	0.62630138365
16632	9/13/2019 8:39:17		-122.360	37.717	2088803.688	6023569.822		2236.684	RS-700	0.55776201258
16633	9/13/2019 8:39:18		-122.360	37.717	2088802.461	6023571.129		2142.089	RS-700	-0.03717421384
16634	9/13/2019 8:39:19		-122.360	37.717	2088801.197	6023572.406		2171.110	RS-700	0.14534566038
16635	9/13/2019 8:39:20		-122.360	37.717	2088800.231	6023573.370		2198.127	RS-700	0.31526163522
16636	9/13/2019 8:39:21		-122.360	37.717	2088798.929	6023574.762		2154.102	RS-700	0.03837509434
16637	9/13/2019 8:39:22		-122.360	37.717	2088797.334	6023576.205		2181.673	RS-700	0.21178220126
16638	9/13/2019 8:39:23		-122.360	37.717	2088795.737	6023577.736		2106.283	RS-700	-0.26237213837
16639	9/13/2019 8:39:24		-122.360	37.717	2088794.695	6023578.872		2159.556	RS-700	0.07268176101
16640	9/13/2019 8:39:25		-122.360	37.717	2088793.390	6023580.409		2103.264	RS-700	-0.28135968554
16641	9/13/2019 8:39:26		-122.360	37.717	2088791.974	6023582.001		2139.320	RS-700	-0.05459377358
16642	9/13/2019 8:39:27		-122.360	37.717	2088790.556	6023583.708		2134.554	RS-700	-0.08456572327
16643	9/13/2019 8:39:28		-122.360	37.717	2088789.033	6023585.211		2245.060	RS-700	0.61043805031
16644	9/13/2019 8:39:29		-122.360	37.717	2088787.505	6023586.975		2159.660	RS-700	0.07333327044
16645	9/13/2019 8:39:30		-122.360	37.717	2088785.901	6023588.881		2128.871	RS-700	-0.12030830189
16646	9/13/2019 8:39:31		-122.360	37.717	2088784.443	6023590.762		2200.997	RS-700	0.33331207547
16647	9/13/2019 8:39:32		-122.360	37.717	2088782.942	6023593.017		2173.451	RS-700	0.16007157233
16648	9/13/2019 8:39:33		-122.360	37.717	2088781.333	6023595.184		2134.548	RS-700	-0.08460345912
16649	9/13/2019 8:39:34		-122.360	37.717	2088780.014	6023597.414		2151.676	RS-700	0.02311641509
16650	9/13/2019 8:39:35		-122.360	37.717	2088778.877	6023599.648		2206.573	RS-700	0.36838226415
16651	9/13/2019 8:39:36		-122.360	37.717	2088778.000	6023601.627		2198.230	RS-700	0.31591452830
16652	9/13/2019 8:39:37		-122.360	37.717	2088777.235	6023603.463		2132.658	RS-700	-0.09649207547

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SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
16653	9/13/2019 8:39:38		-122.360	37.717	2088776.286	6023605.383		2126.074	RS-700	-0.13789647799
16654	9/13/2019 8:39:39		-122.360	37.717	2088775.302	6023607.273		2003.112	RS-700	-0.91124264151
16655	9/13/2019 8:39:40		-122.360	37.717	2088774.506	6023608.848		2128.978	RS-700	-0.11963704403
16656	9/13/2019 8:39:41		-122.360	37.717	2088774.012	6023609.880		2147.985	RS-700	-0.00009314465
16657	9/13/2019 8:39:42		-122.360	37.717	2088773.823	6023610.194		2175.563	RS-700	0.17334918239
16658	9/13/2019 8:39:43		-122.360	37.717	2088773.823	6023610.223		2115.066	RS-700	-0.20713402516
16659	9/13/2019 8:39:44		-122.360	37.717	2088773.822	6023610.252		2139.217	RS-700	-0.05523597484
16660	9/13/2019 8:39:45		-122.360	37.717	2088773.786	6023610.222		2104.649	RS-700	-0.27264880503
16661	9/13/2019 8:39:46		-122.360	37.717	2088773.294	6023611.167		2076.638	RS-700	-0.44881849057
16662	9/13/2019 8:39:47		-122.360	37.717	2088772.243	6023612.767		2135.876	RS-700	-0.07625402516
16663	9/13/2019 8:39:48		-122.360	37.717	2088770.642	6023614.500		2150.306	RS-700	0.01450452830
16664	9/13/2019 8:39:49		-122.360	37.717	2088768.754	6023616.053		2165.310	RS-700	0.10886949686
16665	9/13/2019 8:39:50		-122.360	37.717	2088766.834	6023617.375		2083.523	RS-700	-0.40551547170
16666	9/13/2019 8:39:51		-122.360	37.717	2088765.023	6023618.698		2142.663	RS-700	-0.03356805031
16667	9/13/2019 8:39:52		-122.360	37.717	2088763.431	6023619.998		2151.990	RS-700	0.02509572327
16668	9/13/2019 8:39:53		-122.360	37.717	2088761.761	6023621.585		2132.758	RS-700	-0.09586283019
16669	9/13/2019 8:39:54		-122.360	37.717	2088760.234	6023623.290		2204.235	RS-700	0.35367672956
16670	9/13/2019 8:39:55		-122.360	37.717	2088758.821	6023624.737		2176.453	RS-700	0.17895169811
16671	9/13/2019 8:39:56		-122.360	37.717	2088757.665	6023626.074		2064.638	RS-700	-0.52428855346
16672	9/13/2019 8:39:57		-122.360	37.717	2088756.504	6023627.700		2170.359	RS-700	0.14062138365
16673	9/13/2019 8:39:58		-122.360	37.717	2088755.305	6023629.412		2168.103	RS-700	0.12643176101
16674	9/13/2019 8:39:59		-122.360	37.717	2088754.249	6023631.214		2145.984	RS-700	-0.01268201258
16675	9/13/2019 8:40:00		-122.360	37.717	2088752.934	6023633.242		2121.631	RS-700	-0.16584383648
16676	9/13/2019 8:40:01		-122.360	37.717	2088751.654	6023635.328		2120.868	RS-700	-0.17064371069
16677	9/13/2019 8:40:02		-122.360	37.717	2088750.304	6023637.298		2112.326	RS-700	-0.22436779874
16678	9/13/2019 8:40:03		-122.360	37.717	2088748.809	6023639.206		2139.874	RS-700	-0.05110880503
16679	9/13/2019 8:40:04		-122.360	37.717	2088747.277	6023641.172		2141.986	RS-700	-0.03782433962
16680	9/13/2019 8:40:05		-122.360	37.717	2088745.420	6023643.015		2178.011	RS-700	0.18874578616
16681	9/13/2019 8:40:06		-122.360	37.717	2088743.599	6023644.831		2137.302	RS-700	-0.06728320755
16682	9/13/2019 8:40:07		-122.360	37.717	2088741.889	6023646.591		2125.183	RS-700	-0.14350509434
16683	9/13/2019 8:40:08		-122.360	37.717	2088740.506	6023648.386		2181.890	RS-700	0.21314484277
16684	9/13/2019 8:40:09		-122.360	37.717	2088739.295	6023650.647		2140.230	RS-700	-0.04886974843
16685	9/13/2019 8:40:10		-122.360	37.717	2088738.374	6023653.030		2093.180	RS-700	-0.34477937107
16686	9/13/2019 8:40:11		-122.360	37.717	2088737.783	6023655.246		2127.656	RS-700	-0.12795025157
16687	9/13/2019 8:40:12		-122.360	37.717	2088737.160	6023657.317		2146.201	RS-700	-0.01131415094
16688	9/13/2019 8:40:13		-122.360	37.717	2088736.175	6023659.235		2030.419	RS-700	-0.73950220126
16689	9/13/2019 8:40:14		-122.360	37.717	2088734.828	6023661.002		2113.229	RS-700	-0.21868402516
16690	9/13/2019 8:40:15		-122.360	37.717	2088733.156	6023662.676		2041.720	RS-700	-0.66842899371
16691	9/13/2019 8:40:16		-122.360	37.717	2088731.159	6023664.227		2101.861	RS-700	-0.29018308176
16692	9/13/2019 8:40:17		-122.360	37.717	2088729.054	6023665.690		2144.090	RS-700	-0.02459270440
16693	9/13/2019 8:40:18		-122.360	37.717	2088727.164	6023667.301		2136.982	RS-700	-0.06929723270
16694	9/13/2019 8:40:19		-122.360	37.717	2088725.236	6023669.057		2145.749	RS-700	-0.01415698113
16695	9/13/2019 8:40:20		-122.360	37.717	2088723.526	6023670.788		2201.680	RS-700	0.33760886793
16696	9/13/2019 8:40:21		-122.360	37.717	2088722.000	6023672.435		2147.645	RS-700	-0.00223270440
16697	9/13/2019 8:40:22		-122.360	37.717	2088720.509	6023674.141		2080.539	RS-700	-0.42428276730
16698	9/13/2019 8:40:23		-122.360	37.717	2088719.164	6023675.850		2226.035	RS-700	0.49078503145
16699	9/13/2019 8:40:24		-122.360	37.717	2088717.626	6023678.105		2223.692	RS-700	0.47605094340
16700	9/13/2019 8:40:25		-122.360	37.717	2088715.976	6023680.532		2215.460	RS-700	0.42427905660
16701	9/13/2019 8:40:26		-122.360	37.717	2088714.328	6023682.813		2222.020	RS-700	0.46553704403
16702	9/13/2019 8:40:27		-122.360	37.717	2088712.681	6023685.066		2177.668	RS-700	0.18659050315
16703	9/13/2019 8:40:28		-122.360	37.717	2088710.998	6023687.260		2218.790	RS-700	0.44522207547
16704	9/13/2019 8:40:29		-122.360	37.717	2088709.398	6023688.993		2200.021	RS-700	0.32717773585
16705	9/13/2019 8:40:30		-122.360	37.717	2088707.872	6023690.641		2173.215	RS-700	0.15858383648
16706	9/13/2019 8:40:31		-122.360	37.717	2088706.339	6023692.636		2163.777	RS-700	0.09922672956
16707	9/13/2019 8:40:32		-122.360	37.717	2088704.912	6023694.806		2216.462	RS-700	0.43057855346
16708	9/13/2019 8:40:33		-122.360	37.717	2088703.780	6023696.809		2125.655	RS-700	-0.14053616352
16709	9/13/2019 8:40:34		-122.360	37.717	2088702.831	6023698.728		2175.235	RS-700	0.17129138365
16710	9/13/2019 8:40:35		-122.360	37.716	2088701.807	6023700.791		2113.551	RS-700	-0.21665735849
16711	9/13/2019 8:40:36		-122.360	37.716	2088701.038	6023702.801		2129.649	RS-700	-0.11541654088
16712	9/13/2019 8:40:37		-122.360	37.716	2088700.531	6023704.526		2167.745	RS-700	0.12418037736
16713	9/13/2019 8:40:38		-122.360	37.716	2088699.878	6023706.220		2053.738	RS-700	-0.59284081761

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SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
16714	9/13/2019 8:40:39		-122.360	37.716	2088698.673	6023708.222		2100.542	RS-700	-0.29847874214
16715	9/13/2019 8:40:40		-122.360	37.716	2088696.994	6023710.242		2054.840	RS-700	-0.58591069182
16716	9/13/2019 8:40:41		-122.360	37.716	2088694.917	6023712.110		2131.105	RS-700	-0.10626069182
16717	9/13/2019 8:40:42		-122.360	37.716	2088692.629	6023713.627		2146.670	RS-700	-0.00836477987
16718	9/13/2019 8:40:43		-122.360	37.716	2088690.561	6023715.062		2090.038	RS-700	-0.36454169811
16719	9/13/2019 8:40:44		-122.360	37.716	2088688.633	6023716.759		2172.889	RS-700	0.15653610063
16720	9/13/2019 8:40:45		-122.360	37.716	2088686.812	6023718.632		2128.976	RS-700	-0.11964666667
16721	9/13/2019 8:40:46		-122.360	37.716	2088685.170	6023720.596		2095.325	RS-700	-0.33129056604
16722	9/13/2019 8:40:47		-122.360	37.716	2088683.637	6023722.591		2151.773	RS-700	0.02372672956
16723	9/13/2019 8:40:48		-122.360	37.716	2088682.137	6023724.788		2258.931	RS-700	0.69767949686
16724	9/13/2019 8:40:49		-122.360	37.716	2088680.597	6023727.130		2126.762	RS-700	-0.13357452830
16725	9/13/2019 8:40:50		-122.360	37.716	2088679.098	6023729.270		2035.732	RS-700	-0.70608792453
16726	9/13/2019 8:40:51		-122.360	37.716	2088677.674	6023731.267		1993.408	RS-700	-0.97227666667
16727	9/13/2019 8:40:52		-122.360	37.716	2088676.288	6023733.207		2074.954	RS-700	-0.45941106918
16728	9/13/2019 8:40:53		-122.360	37.716	2088675.049	6023735.062		2111.017	RS-700	-0.23259987421
16729	9/13/2019 8:40:54		-122.360	37.716	2088673.884	6023736.891		2168.214	RS-700	0.12713402516
16730	9/13/2019 8:40:55		-122.360	37.716	2088672.573	6023738.716		2233.132	RS-700	0.53541830189
16731	9/13/2019 8:40:56		-122.360	37.716	2088671.114	6023740.684		2146.879	RS-700	-0.00705226415
16732	9/13/2019 8:40:57		-122.360	37.716	2088669.543	6023742.764		2160.314	RS-700	0.07744855346
16733	9/13/2019 8:40:58		-122.360	37.716	2088668.079	6023744.934		2261.709	RS-700	0.71514779874
16734	9/13/2019 8:40:59		-122.360	37.716	2088666.831	6023747.281		2182.677	RS-700	0.21809270440
16735	9/13/2019 8:41:00		-122.360	37.716	2088665.655	6023749.630		2098.345	RS-700	-0.31229616352
16736	9/13/2019 8:41:01		-122.360	37.716	2088664.628	6023751.838		2146.094	RS-700	-0.01199056604
16737	9/13/2019 8:41:02		-122.360	37.716	2088663.600	6023754.074		2160.667	RS-700	0.07966792453
16738	9/13/2019 8:41:03		-122.360	37.716	2088662.356	6023756.190		2182.895	RS-700	0.21946490566
16739	9/13/2019 8:41:04		-122.360	37.716	2088660.900	6023757.984		2208.461	RS-700	0.38025830189
16740	9/13/2019 8:41:05		-122.360	37.716	2088658.972	6023759.739		2228.580	RS-700	0.50679245283
16741	9/13/2019 8:41:06		-122.360	37.716	2088656.718	6023761.343		2156.666	RS-700	0.05450308176
16742	9/13/2019 8:41:07		-122.360	37.716	2088654.500	6023763.006		2368.336	RS-700	1.38575993711
16743	9/13/2019 8:41:08		-122.360	37.716	2088652.241	6023764.900		2205.682	RS-700	0.02839372434
16744	9/13/2019 8:41:09		-122.360	37.716	2088650.232	6023767.001		2393.216	RS-700	0.57834516129
16745	9/13/2019 8:41:10		-122.360	37.716	2088648.629	6023768.878		2557.558	RS-700	1.06028721408
16746	9/13/2019 8:41:11		-122.360	37.716	2088647.212	6023770.557		2661.151	RS-700	1.36408035191
16747	9/13/2019 8:41:12		-122.360	37.716	2088646.092	6023771.952		2524.900	RS-700	0.96451504399
16748	9/13/2019 8:41:13		-122.360	37.716	2088645.904	6023772.238		2299.826	RS-700	0.30447615836
16749	9/13/2019 8:41:14		-122.360	37.716	2088645.830	6023772.294		2153.093	RS-700	-0.12582563050
16750	9/13/2019 8:41:15		-122.360	37.716	2088644.826	6023773.316		1931.897	RS-700	-0.77449683285
16751	9/13/2019 8:41:16		-122.360	37.716	2088644.455	6023773.684		1707.614	RS-700	-1.43221744868
16752	9/13/2019 8:41:17		-122.360	37.716	2088643.601	6023774.506		1584.647	RS-700	-1.79282299120
16753	9/13/2019 8:41:18		-122.360	37.716	2088642.813	6023775.677		1977.606	RS-700	-0.64045070381
16754	9/13/2019 8:41:19		-122.360	37.716	2088641.652	6023777.274		2636.548	RS-700	1.29192958944
16755	9/13/2019 8:41:20		-122.360	37.716	2088640.113	6023779.558		2650.344	RS-700	3.15939402516
16756	9/13/2019 8:41:21		-122.360	37.716	2088638.312	6023782.242		2297.168	RS-700	0.93816314465
16757	9/13/2019 8:41:22		-122.360	37.716	2088636.515	6023784.694		2233.583	RS-700	0.53825591195
16758	9/13/2019 8:41:23		-122.360	37.716	2088635.125	6023786.836		2214.567	RS-700	0.41866025157
16759	9/13/2019 8:41:24		-122.360	37.716	2088634.139	6023788.784		2111.654	RS-700	-0.22859037736
16760	9/13/2019 8:41:25		-122.360	37.716	2088633.302	6023790.619		2178.001	RS-700	0.18868396226
16761	9/13/2019 8:41:26		-122.360	37.716	2088632.313	6023792.740		2254.712	RS-700	0.67114654088
16762	9/13/2019 8:41:27		-122.360	37.716	2088631.138	6023795.031		2083.949	RS-700	-0.40283937107
16763	9/13/2019 8:41:28		-122.360	37.716	2088630.109	6023797.354		2158.673	RS-700	0.06712817610
16764	9/13/2019 8:41:29		-122.360	37.716	2088629.006	6023799.704		2219.576	RS-700	0.45016377359
16765	9/13/2019 8:41:30		-122.360	37.716	2088627.759	6023801.965		2135.155	RS-700	-0.08078647799
16766	9/13/2019 8:41:31		-122.360	37.716	2088626.296	6023804.106		2189.672	RS-700	0.26209094340
16767	9/13/2019 8:41:32		-122.360	37.716	2088624.582	6023806.039		2192.569	RS-700	0.28030540881
16768	9/13/2019 8:41:33		-122.360	37.716	2088622.657	6023807.650		2104.857	RS-700	-0.27133930818
16769	9/13/2019 8:41:34		-122.360	37.716	2088620.663	6023808.999		2268.594	RS-700	0.75845251572
16770	9/13/2019 8:41:35		-122.360	37.716	2088618.670	6023810.319		2185.335	RS-700	0.23481062893
16771	9/13/2019 8:41:36		-122.360	37.716	2088616.821	6023811.758		2188.567	RS-700	0.25514069182
16772	9/13/2019 8:41:37		-122.360	37.716	2088615.151	6023813.316		2261.698	RS-700	0.71508339623
16773	9/13/2019 8:41:38		-122.360	37.716	2088613.478	6023815.047		2288.820	RS-700	0.88565767296
16774	9/13/2019 8:41:39		-122.360	37.716	2088611.910	6023816.954		2145.209	RS-700	-0.01755377358

Gamma Scan Survey Results
Survey Unit 4 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
16775	9/13/2019 8:41:40		-122.360	37.716	2088610.483	6023819.154		2134.871	RS-700	-0.08257289308
16776	9/13/2019 8:41:41		-122.360	37.716	2088609.050	6023821.613		2255.584	RS-700	0.67663050315
16777	9/13/2019 8:41:42		-122.360	37.716	2088608.052	6023824.168		2327.760	RS-700	1.13056836478
16778	9/13/2019 8:41:43		-122.360	37.716	2088607.418	6023826.759		2191.871	RS-700	0.27591616352
16779	9/13/2019 8:41:44		-122.360	37.716	2088606.531	6023829.259		2259.356	RS-700	0.70035496855
16780	9/13/2019 8:41:45		-122.360	37.716	2088605.035	6023831.196		2205.789	RS-700	0.36345440252
16781	9/13/2019 8:41:46		-122.360	37.716	2088603.441	6023832.640		2078.852	RS-700	-0.43489572327
16782	9/13/2019 8:41:47		-122.360	37.716	2088602.105	6023833.887		2133.302	RS-700	-0.09244220126
16783	9/13/2019 8:41:48		-122.360	37.716	2088600.871	6023835.511		2148.796	RS-700	0.00500484277
16784	9/13/2019 8:41:49		-122.360	37.716	2088599.670	6023837.310		2117.829	RS-700	-0.18975345912
16785	9/13/2019 8:41:50		-122.360	37.716	2088598.393	6023839.223		2097.331	RS-700	-0.31867088050
16786	9/13/2019 8:41:51		-122.360	37.716	2088597.156	6023841.021		2124.548	RS-700	-0.14749427673
16787	9/13/2019 8:41:52		-122.359	37.716	2088595.736	6023842.844		2107.282	RS-700	-0.25609018868
16788	9/13/2019 8:41:53		-122.359	37.716	2088593.980	6023845.037		2163.104	RS-700	0.09499062893
16789	9/13/2019 8:41:54		-122.359	37.716	2088592.261	6023847.259		2117.666	RS-700	-0.19078257862
16790	9/13/2019 8:41:55		-122.359	37.716	2088590.797	6023849.458		2064.536	RS-700	-0.52493276730
16791	9/13/2019 8:41:56		-122.359	37.716	2088589.521	6023851.342		2184.464	RS-700	0.22933584906
16792	9/13/2019 8:41:57		-122.359	37.716	2088588.173	6023853.196		2150.108	RS-700	0.01325742138
16793	9/13/2019 8:41:58		-122.359	37.716	2088586.573	6023854.900		2152.466	RS-700	0.02808603774
16794	9/13/2019 8:41:59		-122.359	37.716	2088584.761	6023856.310		2144.210	RS-700	-0.02383597484
16795	9/13/2019 8:42:00		-122.359	37.716	2088582.799	6023857.891		2092.064	RS-700	-0.35180006289
16796	9/13/2019 8:42:01		-122.359	37.716	2088580.727	6023859.528		2127.550	RS-700	-0.12861899371
16797	9/13/2019 8:42:02		-122.359	37.716	2088578.726	6023861.282		2055.855	RS-700	-0.57952773585
16798	9/13/2019 8:42:03		-122.359	37.716	2088576.868	6023863.126		1999.307	RS-700	-0.93517484277
16799	9/13/2019 8:42:04		-122.359	37.716	2088575.046	6023865.028		2132.070	RS-700	-0.10018597484
16800	9/13/2019 8:42:05		-122.359	37.716	2088573.481	6023866.791		2195.786	RS-700	0.30053811321
16801	9/13/2019 8:42:06		-122.359	37.716	2088571.988	6023868.641		2184.989	RS-700	0.23263534591
16802	9/13/2019 8:42:07		-122.359	37.716	2088570.600	6023870.639		2225.580	RS-700	0.48792446541
16803	9/13/2019 8:42:08		-122.359	37.716	2088569.208	6023872.897		2077.527	RS-700	-0.44322735849
16804	9/13/2019 8:42:09		-122.359	37.716	2088567.922	6023875.301		2056.840	RS-700	-0.57333327044
16805	9/13/2019 8:42:10		-122.359	37.716	2088566.598	6023877.792		2046.733	RS-700	-0.63689811321
16806	9/13/2019 8:42:11		-122.359	37.716	2088565.130	6023880.193		2206.902	RS-700	0.37045308176
16807	9/13/2019 8:42:12		-122.359	37.716	2088563.698	6023882.595		2182.113	RS-700	0.21454452830
16808	9/13/2019 8:42:13		-122.359	37.716	2088562.264	6023885.112		2153.093	RS-700	0.03202836478
16809	9/13/2019 8:42:14		-122.359	37.716	2088560.797	6023887.484		2254.262	RS-700	0.66831591195
16810	9/13/2019 8:42:15		-122.359	37.716	2088559.440	6023889.772		2276.935	RS-700	0.81091050315
16811	9/13/2019 8:42:16		-122.359	37.716	2088558.010	6023892.116		2246.915	RS-700	0.62210566038
16812	9/13/2019 8:42:17		-122.359	37.716	2088556.545	6023894.343		2224.896	RS-700	0.48362000000
16813	9/13/2019 8:42:18		-122.359	37.716	2088555.119	6023896.485		2259.470	RS-700	0.70106786164
16814	9/13/2019 8:42:19		-122.359	37.716	2088553.474	6023898.593		2254.371	RS-700	0.66900308176
16815	9/13/2019 8:42:20		-122.359	37.716	2088551.616	6023900.465		2232.466	RS-700	0.53123308176
16816	9/13/2019 8:42:21		-122.359	37.716	2088549.621	6023901.930		2245.254	RS-700	0.61166075472
16817	9/13/2019 8:42:22		-122.359	37.716	2088547.480	6023903.363		2296.853	RS-700	0.93618025157
16818	9/13/2019 8:42:23		-122.359	37.716	2088545.374	6023904.884		2334.963	RS-700	1.17586679245
16819	9/13/2019 8:42:24		-122.359	37.716	2088543.044	6023906.660		2308.826	RS-700	1.01148119497
16820	9/13/2019 8:42:25		-122.359	37.716	2088540.965	6023908.673		2250.798	RS-700	0.64652955975
16821	9/13/2019 8:42:26		-122.359	37.716	2088539.388	6023911.014		2267.700	RS-700	0.75283232704
16822	9/13/2019 8:42:27		-122.359	37.716	2088537.711	6023912.948		2303.646	RS-700	0.97890251572
16823	9/13/2019 8:42:28		-122.359	37.716	2088536.320	6023915.119		2321.416	RS-700	1.09066767296
16824	9/13/2019 8:42:29		-122.359	37.716	2088534.819	6023917.374		2164.329	RS-700	0.10269911950
16825	9/13/2019 8:42:30		-122.359	37.716	2088533.392	6023919.516		2224.346	RS-700	0.48016364780
16826	9/13/2019 8:42:31		-122.359	37.716	2088531.857	6023921.626		2288.155	RS-700	0.88148094340
16827	9/13/2019 8:42:32		-122.359	37.716	2088530.321	6023923.795		2064.638	RS-700	-0.52429188679
16828	9/13/2019 8:42:33		-122.359	37.716	2088528.856	6023926.022		2224.452	RS-700	0.48082880503
16829	9/13/2019 8:42:34		-122.359	37.716	2088527.502	6023928.194		2231.028	RS-700	0.52218723270
16830	9/13/2019 8:42:35		-122.359	37.716	2088526.184	6023930.366		2181.097	RS-700	0.20815584906
16831	9/13/2019 8:42:36		-122.359	37.716	2088524.902	6023932.598		2229.689	RS-700	0.51376559748
16832	9/13/2019 8:42:37		-122.359	37.716	2088523.431	6023935.114		2190.227	RS-700	0.26558050315
16833	9/13/2019 8:42:38		-122.359	37.716	2088521.638	6023937.393		2220.689	RS-700	0.45716251572
16834	9/13/2019 8:42:39		-122.359	37.716	2088519.959	6023939.414		2210.671	RS-700	0.39415465409
16835	9/13/2019 8:42:40		-122.359	37.716	2088518.752	6023941.502		2202.119	RS-700	0.34037169811

Gamma Scan Survey Results
Survey Unit 4 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
16836	9/13/2019 8:42:41		-122.359	37.716	2088517.834	6023943.711		2095.955	RS-700	-0.32732792453
16837	9/13/2019 8:42:42		-122.359	37.716	2088516.737	6023945.801		2145.093	RS-700	-0.01828477987
16838	9/13/2019 8:42:43		-122.359	37.716	2088515.241	6023947.768		2148.310	RS-700	0.00194805031
16839	9/13/2019 8:42:44		-122.359	37.716	2088513.275	6023949.580		2168.777	RS-700	0.13067245283
16840	9/13/2019 8:42:45		-122.359	37.716	2088511.203	6023951.217		2100.995	RS-700	-0.29562830189
16841	9/13/2019 8:42:46		-122.359	37.716	2088509.168	6023952.797		2154.554	RS-700	0.04121754717
16842	9/13/2019 8:42:47		-122.359	37.716	2088507.169	6023954.435		2143.217	RS-700	-0.03008238994
16843	9/13/2019 8:42:48		-122.359	37.716	2088505.312	6023956.250		2188.787	RS-700	0.25651955975
16844	9/13/2019 8:42:49		-122.359	37.716	2088503.597	6023958.241		2146.769	RS-700	-0.00774106918
16845	9/13/2019 8:42:50		-122.359	37.716	2088501.844	6023960.318		2164.666	RS-700	0.10481836478
16846	9/13/2019 8:42:51		-122.359	37.716	2088500.017	6023962.480		2209.900	RS-700	0.38930729560
16847	9/13/2019 8:42:52		-122.359	37.716	2088498.262	6023964.644		2282.709	RS-700	0.84722496855
16848	9/13/2019 8:42:53		-122.359	37.716	2088496.584	6023966.607		2092.545	RS-700	-0.34877402516
16849	9/13/2019 8:42:54		-122.359	37.716	2088495.125	6023968.546		2159.100	RS-700	0.06980943396
16850	9/13/2019 8:42:55		-122.359	37.716	2088493.702	6023970.542		2197.114	RS-700	0.30889471698
16851	9/13/2019 8:42:56		-122.359	37.716	2088492.387	6023972.541		2091.427	RS-700	-0.35580805031
16852	9/13/2019 8:42:57		-122.359	37.716	2088491.179	6023974.687		2207.128	RS-700	0.37187628931
16853	9/13/2019 8:42:58		-122.359	37.716	2088489.863	6023976.802		2305.832	RS-700	0.99265377359
16854	9/13/2019 8:42:59		-122.359	37.716	2088488.330	6023978.797		2213.461	RS-700	0.41170232704
16855	9/13/2019 8:43:00		-122.359	37.716	2088486.756	6023981.022		2085.361	RS-700	-0.39395817610
16856	9/13/2019 8:43:01		-122.359	37.716	2088485.291	6023983.250		2122.557	RS-700	-0.16001962264
16857	9/13/2019 8:43:02		-122.359	37.716	2088484.045	6023985.510		2243.923	RS-700	0.60328974843
16858	9/13/2019 8:43:03		-122.359	37.716	2088483.089	6023987.806		2212.350	RS-700	0.40471811321
16859	9/13/2019 8:43:04		-122.359	37.716	2088482.423	6023990.136		2216.682	RS-700	0.43196490566
16860	9/13/2019 8:43:05		-122.359	37.716	2088481.799	6023992.235		2168.784	RS-700	0.13071584906
16861	9/13/2019 8:43:06		-122.359	37.716	2088480.517	6023994.409		2125.974	RS-700	-0.13852591195
16862	9/13/2019 8:43:07		-122.359	37.716	2088478.330	6023996.333		2263.036	RS-700	0.72349842767
16863	9/13/2019 8:43:08		-122.359	37.716	2088476.002	6023998.051		2273.524	RS-700	0.78946169811
16864	9/13/2019 8:43:09		-122.359	37.716	2088473.929	6023999.746		2170.573	RS-700	0.14196792453
16865	9/13/2019 8:43:10		-122.359	37.716	2088471.707	6024001.611		2145.662	RS-700	-0.01470408805
16866	9/13/2019 8:43:11		-122.359	37.716	2088469.628	6024003.595		2216.348	RS-700	0.42985849057
16867	9/13/2019 8:43:12		-122.359	37.716	2088467.982	6024005.761		2102.650	RS-700	-0.28521849057
16868	9/13/2019 8:43:13		-122.359	37.716	2088466.664	6024007.963		2127.642	RS-700	-0.12803943396
16869	9/13/2019 8:43:14		-122.359	37.716	2088465.422	6024009.992		2141.089	RS-700	-0.04346754717
16870	9/13/2019 8:43:15		-122.359	37.716	2088463.996	6024012.076		2156.670	RS-700	0.05453132075
16871	9/13/2019 8:43:16		-122.359	37.716	2088462.386	6024014.300		2092.964	RS-700	-0.34613616352
16872	9/13/2019 8:43:17		-122.359	37.716	2088460.668	6024016.436		2069.067	RS-700	-0.49643207547
16873	9/13/2019 8:43:18		-122.359	37.716	2088459.099	6024018.430		2068.219	RS-700	-0.50176528302
16874	9/13/2019 8:43:19		-122.359	37.716	2088457.566	6024020.453		2147.533	RS-700	-0.00293465409
16875	9/13/2019 8:43:20		-122.359	37.716	2088456.063	6024022.767		2131.768	RS-700	-0.10209062893
16876	9/13/2019 8:43:21		-122.359	37.716	2088454.266	6024025.219		2141.519	RS-700	-0.04076119497
16877	9/13/2019 8:43:22		-122.359	37.716	2088452.582	6024027.529		2143.891	RS-700	-0.02584459120
16878	9/13/2019 8:43:23		-122.359	37.716	2088451.045	6024029.698		2117.407	RS-700	-0.19240886793
16879	9/13/2019 8:43:24		-122.359	37.716	2088449.586	6024031.636		2088.858	RS-700	-0.37196213837
16880	9/13/2019 8:43:25		-122.359	37.716	2088448.193	6024033.952		2164.670	RS-700	0.10484471698
16881	9/13/2019 8:43:26		-122.359	37.716	2088447.123	6024036.476		2066.052	RS-700	-0.51539503145
16882	9/13/2019 8:43:27		-122.359	37.716	2088445.946	6024038.883		2147.768	RS-700	-0.00145647799
16883	9/13/2019 8:43:28		-122.359	37.716	2088444.629	6024041.027		2125.655	RS-700	-0.14053182390
16884	9/13/2019 8:43:29		-122.359	37.716	2088442.878	6024043.017		2087.960	RS-700	-0.37760849057
16885	9/13/2019 8:43:30		-122.359	37.716	2088440.663	6024044.535		2148.083	RS-700	0.00052446541
16886	9/13/2019 8:43:31		-122.359	37.716	2088438.162	6024045.759		2137.445	RS-700	-0.06638371069
16887	9/13/2019 8:43:32		-122.359	37.716	2088435.846	6024046.812		1969.313	RS-700	-1.12381710692
16888	9/13/2019 8:43:33		-122.359	37.716	2088433.965	6024048.048		2062.330	RS-700	-0.53880710692
16889	9/13/2019 8:43:34		-122.359	37.716	2088432.732	6024049.585		2111.760	RS-700	-0.22792446541
16890	9/13/2019 8:43:35		-122.359	37.716	2088432.409	6024051.170		2125.967	RS-700	-0.13857289308
16891	9/13/2019 8:43:36		-122.359	37.716	2088432.711	6024052.478		2076.068	RS-700	-0.45240132076
16892	9/13/2019 8:43:37		-122.359	37.716	2088433.379	6024053.706		2140.196	RS-700	-0.04907962264
16893	9/13/2019 8:43:38		-122.359	37.716	2088434.521	6024054.886		2071.956	RS-700	-0.47826383648
16894	9/13/2019 8:43:39		-122.359	37.716	2088435.381	6024055.598		2065.029	RS-700	-0.52182761006
16895	9/13/2019 8:43:40		-122.359	37.716	2088436.569	6024056.258		2095.751	RS-700	-0.32861320755
16896	9/13/2019 8:43:41		-122.359	37.716	2088437.400	6024056.622		2064.640	RS-700	-0.52427452830

Gamma Scan Survey Results
Survey Unit 4 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
16897	9/13/2019 8:43:42		-122.359	37.716	2088437.472	6024056.623		2026.326	RS-700	-0.76524710692
16898	9/13/2019 8:43:43		-122.359	37.716	2088437.327	6024056.620		2044.927	RS-700	-0.64825786164
16899	9/13/2019 8:43:44		-122.359	37.716	2088437.327	6024056.591		2032.118	RS-700	-0.72881522013
16900	9/13/2019 8:43:45		-122.359	37.716	2088437.291	6024056.590		2111.079	RS-700	-0.23220880503
16901	9/13/2019 8:43:46		-122.359	37.716	2088437.255	6024056.590		2076.852	RS-700	-0.44746987421
16902	9/13/2019 8:43:47		-122.359	37.716	2088437.291	6024056.590		1996.317	RS-700	-0.95398257862
16903	9/13/2019 8:43:48		-122.359	37.716	2088437.291	6024056.590		2058.564	RS-700	-0.56248993711
16904	9/13/2019 8:43:49		-122.359	37.716	2088437.255	6024056.590		2139.669	RS-700	-0.05239628931
16905	9/13/2019 8:43:50		-122.359	37.716	2088437.218	6024056.589		2132.297	RS-700	-0.09876238994
16906	9/13/2019 8:43:51		-122.359	37.716	2088437.218	6024056.589		2067.853	RS-700	-0.50407194969
16907	9/13/2019 8:43:52		-122.359	37.716	2088437.218	6024056.589		2030.832	RS-700	-0.73690836478
16908	9/13/2019 8:43:53		-122.359	37.716	2088438.015	6024056.807		2063.941	RS-700	-0.52867182390
16909	9/13/2019 8:43:54		-122.359	37.716	2088439.687	6024056.956		2049.042	RS-700	-0.62237949686
16910	9/13/2019 8:43:55		-122.359	37.716	2088441.911	6024056.856		2047.246	RS-700	-0.63367396226
16911	9/13/2019 8:43:56		-122.359	37.716	2088444.254	6024056.237		2104.859	RS-700	-0.27132515723
16912	9/13/2019 8:43:57		-122.359	37.716	2088446.939	6024054.930		2112.334	RS-700	-0.22431547170
16913	9/13/2019 8:43:58		-122.359	37.716	2088449.770	6024053.540		2133.766	RS-700	-0.08952044025
16914	9/13/2019 8:43:59		-122.359	37.716	2088452.783	6024052.211		2193.682	RS-700	0.28730647799
16915	9/13/2019 8:44:00		-122.359	37.716	2088455.544	6024050.733		2182.348	RS-700	0.21602666667
16916	9/13/2019 8:44:01		-122.359	37.716	2088458.158	6024049.309		2197.009	RS-700	0.30823333333
16917	9/13/2019 8:44:02		-122.359	37.716	2088460.703	6024047.711		2105.963	RS-700	-0.26438333333
16918	9/13/2019 8:44:03		-122.359	37.716	2088463.100	6024046.196		2169.888	RS-700	0.13766163522
16919	9/13/2019 8:44:04		-122.359	37.716	2088465.504	6024044.334		2002.824	RS-700	-0.91305830189
16920	9/13/2019 8:44:05		-122.359	37.716	2088467.946	6024042.416		2134.981	RS-700	-0.08187786164
16921	9/13/2019 8:44:06		-122.359	37.716	2088470.532	6024040.558		2141.555	RS-700	-0.04053635220
16922	9/13/2019 8:44:07		-122.359	37.716	2088473.081	6024038.757		2131.764	RS-700	-0.10211232704
16923	9/13/2019 8:44:08		-122.359	37.716	2088475.596	6024036.810		2166.203	RS-700	0.11448698113
16924	9/13/2019 8:44:09		-122.359	37.716	2088478.078	6024034.719		2105.749	RS-700	-0.26572654088
16925	9/13/2019 8:44:10		-122.359	37.716	2088480.489	6024032.481		2161.101	RS-700	0.08239333333
16926	9/13/2019 8:44:11		-122.359	37.716	2088482.937	6024030.273		2183.218	RS-700	0.22149698113
16927	9/13/2019 8:44:12		-122.359	37.716	2088485.417	6024028.239		2298.942	RS-700	0.94931805031
16928	9/13/2019 8:44:13		-122.359	37.716	2088487.933	6024026.264		2184.116	RS-700	0.22714301887
16929	9/13/2019 8:44:14		-122.359	37.716	2088490.375	6024024.317		2261.147	RS-700	0.71161748428
16930	9/13/2019 8:44:15		-122.359	37.716	2088492.892	6024022.284		2192.681	RS-700	0.28101352201
16931	9/13/2019 8:44:16		-122.359	37.716	2088495.377	6024020.047		2180.018	RS-700	0.20137100629
16932	9/13/2019 8:44:17		-122.359	37.716	2088497.497	6024017.804		2206.904	RS-700	0.37046345912
16933	9/13/2019 8:44:18		-122.359	37.716	2088499.619	6024015.503		2208.470	RS-700	0.38031578616
16934	9/13/2019 8:44:19		-122.359	37.716	2088501.955	6024013.408		2213.356	RS-700	0.41104534591
16935	9/13/2019 8:44:20		-122.359	37.716	2088504.072	6024011.309		2354.616	RS-700	1.29946886792
16936	9/13/2019 8:44:21		-122.359	37.716	2088506.194	6024009.008		2200.342	RS-700	0.32919182390
16937	9/13/2019 8:44:22		-122.359	37.716	2088508.097	6024006.703		2297.058	RS-700	0.93747314465
16938	9/13/2019 8:44:23		-122.359	37.716	2088509.641	6024004.130		2260.692	RS-700	0.70875295598
16939	9/13/2019 8:44:24		-122.359	37.716	2088511.262	6024001.384		2285.939	RS-700	0.86754213837
16940	9/13/2019 8:44:25		-122.359	37.716	2088512.844	6023998.725		2230.026	RS-700	0.51588842767
16941	9/13/2019 8:44:26		-122.359	37.716	2088514.243	6023996.178		2181.891	RS-700	0.21314867925
16942	9/13/2019 8:44:27		-122.359	37.716	2088515.529	6023993.774		2130.294	RS-700	-0.11135672956
16943	9/13/2019 8:44:28		-122.359	37.716	2088516.789	6023990.848		2166.565	RS-700	0.11676270440
16944	9/13/2019 8:44:29		-122.359	37.716	2088517.940	6023987.862		2295.704	RS-700	0.92895691824
16945	9/13/2019 8:44:30		-122.359	37.716	2088518.983	6023984.903		2215.150	RS-700	0.42232660377
16946	9/13/2019 8:44:31		-122.359	37.716	2088519.770	6023981.938		2108.804	RS-700	-0.24651691824
16947	9/13/2019 8:44:32		-122.359	37.716	2088520.700	6023979.122		1906.303	RS-700	-1.52010710692
16948	9/13/2019 8:44:33		-122.359	37.716	2088521.849	6023976.251		2241.136	RS-700	0.58575861635
16949	9/13/2019 8:44:34		-122.359	37.716	2088523.144	6023973.413		2182.894	RS-700	0.21945603774
16950	9/13/2019 8:44:35		-122.359	37.716	2088524.147	6023970.598		2165.228	RS-700	0.10835220126
16951	9/13/2019 8:44:36		-122.359	37.716	2088525.075	6023967.868		2170.549	RS-700	0.14181823899
16952	9/13/2019 8:44:37		-122.359	37.716	2088526.188	6023964.997		2142.342	RS-700	-0.03558327044
16953	9/13/2019 8:44:38		-122.359	37.716	2088527.522	6023962.043		2173.994	RS-700	0.16348264151
16954	9/13/2019 8:44:39		-122.359	37.716	2088528.924	6023959.294		2169.887	RS-700	0.13765245283
16955	9/13/2019 8:44:40		-122.359	37.716	2088530.470	6023956.634		2217.130	RS-700	0.43477867925
16956	9/13/2019 8:44:41		-122.359	37.716	2088531.980	6023953.944		2191.677	RS-700	0.27469679245
16957	9/13/2019 8:44:42		-122.359	37.716	2088533.454	6023951.225		2180.654	RS-700	0.20537320755

Gamma Scan Survey Results
Survey Unit 4 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
16958	9/13/2019 8:44:43		-122.359	37.716	2088534.676	6023948.414		2215.574	RS-700	0.42499603774
16959	9/13/2019 8:44:44		-122.359	37.716	2088535.565	6023945.799		2211.996	RS-700	0.40248754717
16960	9/13/2019 8:44:45		-122.359	37.716	2088536.384	6023943.096		2141.667	RS-700	-0.03983264151
16961	9/13/2019 8:44:46		-122.359	37.716	2088537.431	6023939.877		2203.792	RS-700	0.35089232704
16962	9/13/2019 8:44:47		-122.359	37.716	2088538.436	6023936.946		2144.641	RS-700	-0.02112597484
16963	9/13/2019 8:44:48		-122.359	37.716	2088540.016	6023934.402		2233.473	RS-700	0.53756591195
16964	9/13/2019 8:44:49		-122.359	37.716	2088542.242	6023932.335		2238.483	RS-700	0.56907358491
16965	9/13/2019 8:44:50		-122.359	37.716	2088544.792	6023930.476		2291.358	RS-700	0.90162188679
16966	9/13/2019 8:44:51		-122.359	37.716	2088547.376	6023928.733		2298.832	RS-700	0.94863100629
16967	9/13/2019 8:44:52		-122.359	37.716	2088549.923	6023927.048		2228.253	RS-700	0.50473421384
16968	9/13/2019 8:44:53		-122.359	37.716	2088552.326	6023925.215		2250.695	RS-700	0.64588320755
16969	9/13/2019 8:44:54		-122.359	37.716	2088554.809	6023923.095		2283.809	RS-700	0.85414421384
16970	9/13/2019 8:44:55		-122.359	37.716	2088557.325	6023921.091		2254.578	RS-700	0.67030371069
16971	9/13/2019 8:44:56		-122.359	37.716	2088559.842	6023919.058		2417.226	RS-700	1.69324597484
16972	9/13/2019 8:44:57		-122.359	37.716	2088562.215	6023916.935		2316.054	RS-700	1.05694301887
16973	9/13/2019 8:44:58		-122.359	37.716	2088564.298	6023914.720		2294.173	RS-700	0.91932773585
16974	9/13/2019 8:44:59		-122.359	37.716	2088566.457	6023912.362		2241.687	RS-700	0.58922754717
16975	9/13/2019 8:45:00		-122.359	37.716	2088568.650	6023910.149		2271.928	RS-700	0.77942364780
16976	9/13/2019 8:45:01		-122.359	37.716	2088570.987	6023907.996		2275.931	RS-700	0.80459616352
16977	9/13/2019 8:45:02		-122.359	37.716	2088573.286	6023905.959		2175.783	RS-700	0.17473716981
16978	9/13/2019 8:45:03		-122.359	37.716	2088575.473	6023904.035		2144.315	RS-700	-0.02317584906
16979	9/13/2019 8:45:04		-122.359	37.716	2088577.955	6023901.915		2233.691	RS-700	0.53893823899
16980	9/13/2019 8:45:05		-122.359	37.716	2088580.290	6023899.878		2143.889	RS-700	-0.02585320755
16981	9/13/2019 8:45:06		-122.359	37.716	2088582.589	6023897.783		2076.056	RS-700	-0.45247559748
16982	9/13/2019 8:45:07		-122.359	37.716	2088584.889	6023895.659		2163.314	RS-700	0.09631339623
16983	9/13/2019 8:45:08		-122.359	37.716	2088587.120	6023893.389		2088.063	RS-700	-0.37696509434
16984	9/13/2019 8:45:09		-122.359	37.716	2088589.350	6023891.118		2134.286	RS-700	-0.08625119497
16985	9/13/2019 8:45:10		-122.359	37.716	2088591.433	6023888.932		2150.766	RS-700	0.01739880503
16986	9/13/2019 8:45:11		-122.359	37.716	2088593.371	6023886.714		2164.886	RS-700	0.10619899371
16987	9/13/2019 8:45:12		-122.359	37.716	2088595.237	6023884.437		2218.907	RS-700	0.44595704403
16988	9/13/2019 8:45:13		-122.359	37.716	2088596.810	6023882.269		2204.901	RS-700	0.35786490566
16989	9/13/2019 8:45:14		-122.359	37.716	2088598.230	6023880.446		2228.574	RS-700	0.50675345912
16990	9/13/2019 8:45:15		-122.359	37.716	2088599.864	6023878.858		2255.032	RS-700	0.67315591195
16991	9/13/2019 8:45:16		-122.359	37.716	2088601.828	6023877.161		2168.895	RS-700	0.13141339623
16992	9/13/2019 8:45:17		-122.359	37.716	2088603.901	6023875.438		2185.235	RS-700	0.23417993711
16993	9/13/2019 8:45:18		-122.359	37.716	2088606.194	6023873.690		2258.699	RS-700	0.69622169811
16994	9/13/2019 8:45:19		-122.359	37.716	2088608.597	6023871.886		2137.763	RS-700	-0.06438465409
16995	9/13/2019 8:45:20		-122.359	37.716	2088611.037	6023870.054		2198.669	RS-700	0.31867251572
16996	9/13/2019 8:45:21		-122.359	37.716	2088613.586	6023868.224		2186.331	RS-700	0.24107817610
16997	9/13/2019 8:45:22		-122.359	37.716	2088616.025	6023866.450		2194.571	RS-700	0.29289968554
16998	9/13/2019 8:45:23		-122.359	37.716	2088618.282	6023864.701		2206.441	RS-700	0.36755578616
16999	9/13/2019 8:45:24		-122.359	37.716	2088619.649	6023863.687		2242.139	RS-700	0.59206930818
17000	9/13/2019 8:45:25		-122.359	37.716	2088620.499	6023863.096		2235.123	RS-700	0.54794566038
17001	9/13/2019 8:45:26		-122.359	37.716	2088621.684	6023862.107		2125.297	RS-700	-0.14278761006
17002	9/13/2019 8:45:27		-122.359	37.716	2088623.310	6023860.924		2027.635	RS-700	-0.75701163522
17003	9/13/2019 8:45:28		-122.359	37.716	2088625.592	6023859.697		2126.188	RS-700	-0.13718408805
17004	9/13/2019 8:45:29		-122.359	37.716	2088628.164	6023858.533		2090.064	RS-700	-0.36437622642
17005	9/13/2019 8:45:30		-122.359	37.716	2088630.588	6023857.510		2187.546	RS-700	0.24872000000
17006	9/13/2019 8:45:31		-122.359	37.716	2088633.085	6023856.489		2119.174	RS-700	-0.18129817610
17007	9/13/2019 8:45:32		-122.359	37.716	2088635.437	6023855.437		2110.079	RS-700	-0.23849955975
17008	9/13/2019 8:45:33		-122.359	37.716	2088637.716	6023854.383		2156.201	RS-700	0.05158144654
17009	9/13/2019 8:45:34		-122.359	37.716	2088640.064	6023853.533		2223.568	RS-700	0.47526811321
17010	9/13/2019 8:45:35		-122.359	37.716	2088641.900	6023852.759		2152.664	RS-700	0.02933477987
17011	9/13/2019 8:45:36		-122.359	37.716	2088643.637	6023851.463		2209.016	RS-700	0.38374767296
17012	9/13/2019 8:45:37		-122.359	37.716	2088645.467	6023849.185		2297.602	RS-700	0.94089515723
17013	9/13/2019 8:45:38		-122.359	37.716	2088647.125	6023846.382		2210.124	RS-700	0.39071886793
17014	9/13/2019 8:45:39		-122.359	37.716	2088648.459	6023843.429		2220.908	RS-700	0.45853893082
17015	9/13/2019 8:45:40		-122.360	37.716	2088649.641	6023840.733		2252.804	RS-700	0.65914264151
17016	9/13/2019 8:45:41		-122.360	37.716	2088650.532	6023838.060		2142.116	RS-700	-0.03700421384
17017	9/13/2019 8:45:42		-122.360	37.716	2088651.457	6023835.504		2091.062	RS-700	-0.35810238994
17018	9/13/2019 8:45:43		-122.360	37.716	2088652.454	6023832.949		2113.865	RS-700	-0.21468654088

Gamma Scan Survey Results
Survey Unit 4 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
17019	9/13/2019 8:45:44		-122.360	37.716	2088653.526	6023830.366		2084.657	RS-700	-0.39838584906
17020	9/13/2019 8:45:45		-122.360	37.716	2088654.669	6023827.785		2090.640	RS-700	-0.36075245283
17021	9/13/2019 8:45:46		-122.360	37.716	2088655.961	6023825.091		2201.569	RS-700	0.33691490566
17022	9/13/2019 8:45:47		-122.360	37.716	2088657.327	6023822.312		2185.807	RS-700	0.23777924528
17023	9/13/2019 8:45:48		-122.360	37.716	2088658.805	6023819.449		2157.531	RS-700	0.05994616352
17024	9/13/2019 8:45:49		-122.360	37.716	2088660.350	6023816.818		2231.687	RS-700	0.52633628931
17025	9/13/2019 8:45:50		-122.360	37.716	2088662.222	6023814.251		2180.899	RS-700	0.20691012579
17026	9/13/2019 8:45:51		-122.360	37.716	2088664.273	6023811.833		2055.947	RS-700	-0.57895163522
17027	9/13/2019 8:45:52		-122.360	37.716	2088666.286	6023809.529		2158.998	RS-700	0.06916918239
17028	9/13/2019 8:45:53		-122.360	37.716	2088668.375	6023806.996		2218.922	RS-700	0.44605339623
17029	9/13/2019 8:45:54		-122.360	37.716	2088669.914	6023804.712		2472.899	RS-700	2.04338905660
17030	9/13/2019 8:45:55		-122.360	37.716	2088671.271	6023802.425		2689.091	RS-700	1.44601425220
17031	9/13/2019 8:45:56		-122.360	37.716	2088672.480	6023800.221		2228.784	RS-700	0.09614190616
17032	9/13/2019 8:45:57		-122.360	37.716	2088673.535	6023798.448		1671.434	RS-700	-1.53831563050
17033	9/13/2019 8:45:58		-122.360	37.716	2088674.861	6023795.842		2120.638	RS-700	-0.22100436950
17034	9/13/2019 8:45:59		-122.360	37.716	2088676.192	6023793.004		2701.973	RS-700	1.48379038123
17035	9/13/2019 8:46:00		-122.360	37.716	2088678.180	6023790.122		2323.070	RS-700	0.37263815249
17036	9/13/2019 8:46:01		-122.360	37.716	2088679.835	6023787.464		2198.690	RS-700	0.00788750733
17037	9/13/2019 8:46:02		-122.360	37.716	2088681.744	6023784.869		2192.790	RS-700	0.28169566038
17038	9/13/2019 8:46:03		-122.360	37.716	2088683.797	6023782.364		2205.792	RS-700	0.36347459120
17039	9/13/2019 8:46:04		-122.360	37.716	2088685.631	6023779.855		2253.051	RS-700	0.66070031447
17040	9/13/2019 8:46:05		-122.360	37.716	2088687.359	6023777.199		2215.577	RS-700	0.42501559748
17041	9/13/2019 8:46:06		-122.360	37.716	2088689.088	6023774.485		2161.993	RS-700	0.08800528302
17042	9/13/2019 8:46:07		-122.360	37.716	2088691.252	6023771.895		2180.003	RS-700	0.20127660377
17043	9/13/2019 8:46:08		-122.360	37.716	2088693.230	6023769.504		2240.019	RS-700	0.57873849057
17044	9/13/2019 8:46:09		-122.360	37.716	2088695.209	6023767.027		2195.447	RS-700	0.29841031447
17045	9/13/2019 8:46:10		-122.360	37.716	2088697.369	6023764.639		2188.002	RS-700	0.25158176101
17046	9/13/2019 8:46:11		-122.360	37.716	2088699.747	6023762.285		2147.653	RS-700	-0.00218207547
17047	9/13/2019 8:46:12		-122.360	37.717	2088702.125	6023759.873		2161.344	RS-700	0.08392641509
17048	9/13/2019 8:46:13		-122.360	37.717	2088704.396	6023757.431		2107.862	RS-700	-0.25244037736
17049	9/13/2019 8:46:14		-122.360	37.717	2088706.379	6023754.750		2181.117	RS-700	0.20828496855
17050	9/13/2019 8:46:15		-122.360	37.717	2088708.000	6023752.005		2165.913	RS-700	0.11265911950
17051	9/13/2019 8:46:16		-122.360	37.717	2088709.692	6023749.320		2142.662	RS-700	-0.03357169811
17052	9/13/2019 8:46:17		-122.360	37.717	2088711.531	6023746.550		2077.953	RS-700	-0.44054849057
17053	9/13/2019 8:46:18		-122.360	37.717	2088713.372	6023743.751		2179.797	RS-700	0.19998044025
17054	9/13/2019 8:46:19		-122.360	37.717	2088715.134	6023741.211		2112.759	RS-700	-0.22163930818
17055	9/13/2019 8:46:20		-122.360	37.717	2088717.005	6023738.674		2075.639	RS-700	-0.45510157233
17056	9/13/2019 8:46:21		-122.360	37.717	2088719.024	6023736.023		2162.993	RS-700	0.09429440252
17057	9/13/2019 8:46:22		-122.360	37.717	2088721.082	6023733.287		2113.182	RS-700	-0.21898176101
17058	9/13/2019 8:46:23		-122.360	37.717	2088723.134	6023730.811		2154.430	RS-700	0.04043943396
17059	9/13/2019 8:46:24		-122.360	37.717	2088725.364	6023728.541		2235.689	RS-700	0.55150603774
17060	9/13/2019 8:46:25		-122.360	37.717	2088727.921	6023726.335		2137.553	RS-700	-0.06570138365
17061	9/13/2019 8:46:26		-122.360	37.717	2088730.220	6023724.269		2207.894	RS-700	0.37669245283
17062	9/13/2019 8:46:27		-122.360	37.717	2088732.554	6023722.261		2087.957	RS-700	-0.37762635220
17063	9/13/2019 8:46:28		-122.360	37.717	2088734.889	6023720.253		2168.016	RS-700	0.12588672956
17064	9/13/2019 8:46:29		-122.360	37.717	2088737.187	6023718.216		2218.238	RS-700	0.44174911950
17065	9/13/2019 8:46:30		-122.360	37.717	2088739.671	6023716.038		2130.445	RS-700	-0.11040899371
17066	9/13/2019 8:46:31		-122.360	37.717	2088742.114	6023714.032		2139.773	RS-700	-0.05174371069
17067	9/13/2019 8:46:32		-122.360	37.717	2088744.700	6023712.174		2152.096	RS-700	0.02576345912
17068	9/13/2019 8:46:33		-122.360	37.717	2088747.214	6023710.315		2194.787	RS-700	0.29425924528
17069	9/13/2019 8:46:34		-122.360	37.717	2088749.545	6023708.452		2208.014	RS-700	0.37744955975
17070	9/13/2019 8:46:35		-122.360	37.717	2088751.659	6023706.555		2032.414	RS-700	-0.72695805031
17071	9/13/2019 8:46:36		-122.360	37.717	2088753.743	6023704.311		2029.001	RS-700	-0.74842276730
17072	9/13/2019 8:46:37		-122.360	37.717	2088755.611	6023701.947		1998.807	RS-700	-0.93831886793
17073	9/13/2019 8:46:38		-122.360	37.717	2088757.022	6023698.735		2089.754	RS-700	-0.36632459120
17074	9/13/2019 8:46:39		-122.360	37.717	2088758.105	6023695.545		2196.783	RS-700	0.30681270440
17075	9/13/2019 8:46:40		-122.360	37.717	2088759.293	6023692.618		2149.664	RS-700	0.01046515723
17076	9/13/2019 8:46:41		-122.360	37.717	2088760.370	6023689.688		2127.440	RS-700	-0.12931088050
17077	9/13/2019 8:46:42		-122.360	37.717	2088761.414	6023686.671		2093.754	RS-700	-0.34117257862
17078	9/13/2019 8:46:43		-122.360	37.717	2088762.454	6023683.799		2096.972	RS-700	-0.32092899371
17079	9/13/2019 8:46:44		-122.360	37.717	2088763.752	6023680.787		2124.855	RS-700	-0.14556817610

Gamma Scan Survey Results
Survey Unit 4 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
17080	9/13/2019 8:46:45		-122.360	37.717	2088765.121	6023677.892		2169.664	RS-700	0.13625301887
17081	9/13/2019 8:46:46		-122.360	37.717	2088766.706	6023675.089		2160.101	RS-700	0.07610389937
17082	9/13/2019 8:46:47		-122.360	37.717	2088767.962	6023672.394		2071.161	RS-700	-0.48326610063
17083	9/13/2019 8:46:48		-122.360	37.717	2088769.367	6023669.471		2112.961	RS-700	-0.22036811321
17084	9/13/2019 8:46:49		-122.360	37.717	2088770.885	6023666.406		2158.099	RS-700	0.06351440252
17085	9/13/2019 8:46:50		-122.360	37.717	2088772.366	6023663.340		2202.452	RS-700	0.34246528302
17086	9/13/2019 8:46:51		-122.360	37.717	2088773.702	6023660.242		2145.990	RS-700	-0.01264289308
17087	9/13/2019 8:46:52		-122.360	37.717	2088775.185	6023657.118		2010.519	RS-700	-0.86465836478
17088	9/13/2019 8:46:53		-122.360	37.717	2088776.882	6023654.201		2085.285	RS-700	-0.39443584906
17089	9/13/2019 8:46:54		-122.360	37.717	2088778.683	6023651.517		2111.187	RS-700	-0.23153018868
17090	9/13/2019 8:46:55		-122.360	37.717	2088780.666	6023648.895		2235.029	RS-700	0.54735471698
17091	9/13/2019 8:46:56		-122.360	37.717	2088782.937	6023646.394		2245.500	RS-700	0.61320553459
17092	9/13/2019 8:46:57		-122.360	37.717	2088785.462	6023643.927		2169.102	RS-700	0.13271672956
17093	9/13/2019 8:46:58		-122.360	37.717	2088787.839	6023641.602		2199.219	RS-700	0.32213408805
17094	9/13/2019 8:46:59		-122.360	37.717	2088790.113	6023638.986		2228.134	RS-700	0.50398905660
17095	9/13/2019 8:47:00		-122.360	37.717	2088792.244	6023636.222		2209.795	RS-700	0.38864597484
17096	9/13/2019 8:47:01		-122.360	37.717	2088794.375	6023633.458		2202.574	RS-700	0.34323245283
17097	9/13/2019 8:47:02		-122.360	37.717	2088796.397	6023630.634		2164.885	RS-700	0.10619597484
17098	9/13/2019 8:47:03		-122.360	37.717	2088798.424	6023627.608		2119.656	RS-700	-0.17826666667
17099	9/13/2019 8:47:04		-122.360	37.717	2088800.334	6023624.955		2111.179	RS-700	-0.23157566038
17100	9/13/2019 8:47:05		-122.360	37.717	2088802.278	6023622.448		2242.138	RS-700	0.59206125786
17101	9/13/2019 8:47:06		-122.360	37.717	2088804.404	6023619.944		2127.871	RS-700	-0.12659528302
17102	9/13/2019 8:47:07		-122.360	37.717	2088806.567	6023617.384		2145.091	RS-700	-0.01829421384
17103	9/13/2019 8:47:08		-122.360	37.717	2088808.655	6023614.937		2107.541	RS-700	-0.25445993711
17104	9/13/2019 8:47:09		-122.360	37.717	2088810.598	6023612.459		2210.456	RS-700	0.39280333333
17105	9/13/2019 8:47:10		-122.360	37.717	2088812.540	6023610.009		2156.405	RS-700	0.05286327044
17106	9/13/2019 8:47:11		-122.360	37.717	2088814.518	6023607.618		2170.209	RS-700	0.13967987421
17107	9/13/2019 8:47:12		-122.360	37.717	2088816.533	6023605.199		2168.892	RS-700	0.13139509434
17108	9/13/2019 8:47:13		-122.360	37.717	2088818.657	6023602.783		2137.444	RS-700	-0.06638685535
17109	9/13/2019 8:47:14		-122.360	37.717	2088820.819	6023600.251		2175.783	RS-700	0.17473547170
17110	9/13/2019 8:47:15		-122.360	37.717	2088823.017	6023597.806		2134.188	RS-700	-0.08686905660
17111	9/13/2019 8:47:16		-122.360	37.717	2088825.178	6023595.361		2206.013	RS-700	0.36485924528
17112	9/13/2019 8:47:17		-122.360	37.717	2088827.194	6023592.884		2194.010	RS-700	0.28936855346
17113	9/13/2019 8:47:18		-122.360	37.717	2088828.963	6023589.969		2098.174	RS-700	-0.31337327044
17114	9/13/2019 8:47:19		-122.360	37.717	2088830.587	6023587.050		2179.453	RS-700	0.19781735849
17115	9/13/2019 8:47:20		-122.360	37.717	2088831.991	6023584.243		2198.225	RS-700	0.31588314465
17116	9/13/2019 8:47:21		-122.360	37.717	2088833.538	6023581.496		2205.791	RS-700	0.36346578616
17117	9/13/2019 8:47:22		-122.360	37.717	2088835.122	6023578.779		2168.203	RS-700	0.12706169811
17118	9/13/2019 8:47:23		-122.360	37.717	2088836.489	6023575.971		2234.909	RS-700	0.54659805031
17119	9/13/2019 8:47:24		-122.360	37.717	2088837.569	6023572.926		2243.580	RS-700	0.60113069182
17120	9/13/2019 8:47:25		-122.360	37.717	2088838.470	6023569.762		2245.916	RS-700	0.61582415094
17121	9/13/2019 8:47:26		-122.360	37.717	2088839.153	6023566.535		2178.760	RS-700	0.19345861635
17122	9/13/2019 8:47:27		-122.360	37.717	2088839.799	6023563.337		2090.746	RS-700	-0.36008792453
17123	9/13/2019 8:47:28		-122.360	37.717	2088840.773	6023560.145		2098.851	RS-700	-0.30911333333
17124	9/13/2019 8:47:29		-122.360	37.717	2088842.036	6023557.074		2324.296	RS-700	1.10878157233
17125	9/13/2019 8:47:30		-122.361	37.717	2088843.289	6023554.524		2290.401	RS-700	0.89560333333
17126	9/13/2019 8:47:31		-122.361	37.717	2088844.684	6023552.122		2069.741	RS-700	-0.49219276730
17127	9/13/2019 8:47:32		-122.361	37.717	2088846.406	6023549.755		2074.220	RS-700	-0.46402452830
17128	9/13/2019 8:47:33		-122.361	37.717	2088848.384	6023547.364		2070.159	RS-700	-0.48956886793
17129	9/13/2019 8:47:34		-122.361	37.717	2088850.764	6023544.866		2163.670	RS-700	0.09855238994
17130	9/13/2019 8:47:35		-122.361	37.717	2088853.215	6023542.513		2158.987	RS-700	0.06910037736
17131	9/13/2019 8:47:36		-122.361	37.717	2088855.553	6023540.332		2300.421	RS-700	0.95862031447
17132	9/13/2019 8:47:37		-122.361	37.717	2088857.893	6023538.035		2109.864	RS-700	-0.23984962264
17133	9/13/2019 8:47:38		-122.361	37.717	2088859.911	6023535.443		2214.465	RS-700	0.41801880503
17134	9/13/2019 8:47:39		-122.361	37.717	2088861.716	6023532.585		1975.669	RS-700	-1.08384320755
17135	9/13/2019 8:47:40		-122.361	37.717	2088863.596	6023529.585		2319.299	RS-700	1.07735000000
17136	9/13/2019 8:47:41		-122.361	37.717	2088865.581	6023526.847		2100.947	RS-700	-0.29593245283
17137	9/13/2019 8:47:42		-122.361	37.717	2088867.600	6023524.226		2183.777	RS-700	0.22501415094
17138	9/13/2019 8:47:43		-122.361	37.717	2088869.649	6023521.894		2161.890	RS-700	0.08735955975
17139	9/13/2019 8:47:44		-122.361	37.717	2088871.770	6023519.622		2213.915	RS-700	0.41455742138
17140	9/13/2019 8:47:45		-122.361	37.717	2088873.812	6023517.666		2157.103	RS-700	0.05724855346

Gamma Scan Survey Results
Survey Unit 4 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
17141	9/13/2019 8:47:46		-122.361	37.717	2088875.487	6023515.848		2096.649	RS-700	-0.32296000000
17142	9/13/2019 8:47:47		-122.361	37.717	2088877.685	6023513.404		2151.566	RS-700	0.02242666667
17143	9/13/2019 8:47:48		-122.361	37.717	2088879.297	6023511.064		2340.597	RS-700	1.21130220126
17144	9/13/2019 8:47:49		-122.361	37.717	2088881.271	6023508.875		2271.382	RS-700	0.77598477987
17145	9/13/2019 8:47:50		-122.361	37.717	2088882.815	6023506.302		2352.963	RS-700	1.28907817610
17146	9/13/2019 8:47:51		-122.361	37.717	2088884.504	6023503.790		2318.706	RS-700	1.07362553459
17147	9/13/2019 8:47:52		-122.361	37.717	2088886.267	6023501.192		2161.342	RS-700	0.08391132075
17148	9/13/2019 8:47:53		-122.361	37.717	2088888.033	6023498.479		2397.102	RS-700	1.56667798742
17149	9/13/2019 8:47:54		-122.361	37.717	2088889.905	6023495.912		2438.121	RS-700	1.82465723270
17150	9/13/2019 8:47:55		-122.361	37.717	2088891.816	6023493.231		2316.178	RS-700	1.05772496855
17151	9/13/2019 8:47:56		-122.361	37.717	2088893.873	6023490.495		2370.091	RS-700	1.39680100629
17152	9/13/2019 8:47:57		-122.361	37.717	2088895.928	6023487.903		2329.952	RS-700	1.14435163522
17153	9/13/2019 8:47:58		-122.361	37.717	2088897.911	6023485.223		2278.049	RS-700	0.81791786164
17154	9/13/2019 8:47:59		-122.361	37.717	2088900.041	6023482.517		2322.094	RS-700	1.09492805031
17155	9/13/2019 8:48:00		-122.361	37.717	2088901.988	6023479.836		2319.180	RS-700	1.07660383648
17156	9/13/2019 8:48:01		-122.361	37.717	2088903.935	6023477.155		2316.603	RS-700	1.06039534591
17157	9/13/2019 8:48:02		-122.361	37.717	2088905.695	6023474.731		2233.034	RS-700	0.53480547170
17158	9/13/2019 8:48:03		-122.361	37.717	2088907.820	6023472.256		2181.670	RS-700	0.21176226415
17159	9/13/2019 8:48:04		-122.361	37.717	2088909.798	6023469.866		2239.363	RS-700	0.57461150943
17160	9/13/2019 8:48:05		-122.361	37.717	2088911.738	6023467.532		2410.002	RS-700	1.64781144654
17161	9/13/2019 8:48:06		-122.361	37.717	2088913.716	6023465.112		2354.087	RS-700	1.29614213836
17162	9/13/2019 8:48:07		-122.361	37.717	2088915.589	6023462.517		2336.608	RS-700	1.18621220126
17163	9/13/2019 8:48:08		-122.361	37.717	2088917.355	6023459.775		2218.817	RS-700	0.44539188679
17164	9/13/2019 8:48:09		-122.361	37.717	2088919.048	6023457.031		2309.828	RS-700	1.01778779874
17165	9/13/2019 8:48:10		-122.361	37.717	2088921.064	6023454.583		2398.982	RS-700	1.57850459119
17166	9/13/2019 8:48:11		-122.361	37.717	2088923.291	6023452.486		2359.611	RS-700	1.33088867925
17167	9/13/2019 8:48:12		-122.361	37.717	2088925.732	6023450.568		2270.879	RS-700	0.77282283019
17168	9/13/2019 8:48:13		-122.361	37.717	2088928.249	6023448.564		2341.071	RS-700	1.21428597484
17169	9/13/2019 8:48:14		-122.361	37.717	2088930.616	6023446.730		2345.306	RS-700	1.24091685535
17170	9/13/2019 8:48:15		-122.361	37.717	2088933.131	6023444.784		2206.902	RS-700	0.37045358491
17171	9/13/2019 8:48:16		-122.361	37.717	2088935.577	6023442.663		2283.044	RS-700	0.84933591195
17172	9/13/2019 8:48:17		-122.361	37.717	2088937.732	6023440.536		2239.139	RS-700	0.57320327044
17173	9/13/2019 8:48:18		-122.361	37.717	2088939.848	6023438.524		2266.928	RS-700	0.74797446541
17174	9/13/2019 8:48:19		-122.361	37.717	2088941.746	6023436.450		2261.901	RS-700	0.71636018868
17175	9/13/2019 8:48:20		-122.361	37.717	2088943.540	6023434.142		2307.069	RS-700	1.00043220126
17176	9/13/2019 8:48:21		-122.361	37.717	2088945.197	6023431.398		2224.355	RS-700	0.48022056604
17177	9/13/2019 8:48:22		-122.361	37.717	2088946.779	6023428.797		2328.607	RS-700	1.13589415094
17178	9/13/2019 8:48:23		-122.361	37.717	2088948.467	6023426.284		2281.931	RS-700	0.84233251572
17179	9/13/2019 8:48:24		-122.361	37.717	2088949.934	6023423.970		2020.631	RS-700	-0.80106050315
17180	9/13/2019 8:48:25		-122.361	37.717	2088951.509	6023421.687		2171.887	RS-700	0.15023515723
17181	9/13/2019 8:48:26		-122.361	37.717	2088953.264	6023419.494		2246.040	RS-700	0.61660377359
17182	9/13/2019 8:48:27		-122.361	37.717	2088954.796	6023417.529		2139.657	RS-700	-0.05247157233
17183	9/13/2019 8:48:28		-122.361	37.717	2088956.215	6023415.792		1530.319	RS-700	-3.88478553459
17184	9/13/2019 8:48:29		-122.361	37.717	2088957.853	6023413.973		1271.443	RS-700	-5.51293459119
17185	9/13/2019 8:48:30		-122.361	37.717	2088959.528	6023412.155		1731.409	RS-700	-2.62006754717
17186	9/13/2019 8:48:31		-122.361	37.717	2088961.791	6023410.088		2243.581	RS-700	0.60113647799
17187	9/13/2019 8:48:32		-122.361	37.717	2088963.883	6023407.439		2223.260	RS-700	0.47333106918
17188	9/13/2019 8:48:33		-122.361	37.717	2088965.573	6023404.869		2314.610	RS-700	1.04785911950
17189	9/13/2019 8:48:34		-122.361	37.717	2088967.335	6023402.358		2332.493	RS-700	1.16033553459
17190	9/13/2019 8:48:35		-122.361	37.717	2088969.241	6023399.879		2219.684	RS-700	0.45084044025
17191	9/13/2019 8:48:36		-122.361	37.717	2088971.037	6023397.514		2237.253	RS-700	0.56133666667
17192	9/13/2019 8:48:37		-122.361	37.717	2088972.871	6023395.004		2249.687	RS-700	0.63953805031
17193	9/13/2019 8:48:38		-122.361	37.717	2088974.852	6023392.469		2207.682	RS-700	0.37535867925
17194	9/13/2019 8:48:39		-122.361	37.717	2088976.831	6023389.991		2273.278	RS-700	0.78791314465
17195	9/13/2019 8:48:40		-122.361	37.717	2088978.882	6023387.602		2218.686	RS-700	0.44456805031
17196	9/13/2019 8:48:41		-122.361	37.717	2088981.076	6023385.302		2284.590	RS-700	0.85905742138
17197	9/13/2019 8:48:42		-122.361	37.717	2088983.164	6023382.885		2334.840	RS-700	1.17509421384
17198	9/13/2019 8:48:43		-122.361	37.717	2088985.141	6023380.494		2343.442	RS-700	1.22919207547
17199	9/13/2019 8:48:44		-122.361	37.717	2088986.934	6023378.273		2303.845	RS-700	0.98015433962
17200	9/13/2019 8:48:45		-122.361	37.717	2088988.843	6023375.678		2329.601	RS-700	1.14214704403
17201	9/13/2019 8:48:46		-122.361	37.717	2088990.681	6023372.995		2217.451	RS-700	0.43679647799

Gamma Scan Survey Results
Survey Unit 4 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
17202	9/13/2019 8:48:47		-122.361	37.717	2088992.520	6023370.226		2332.073	RS-700	1.15769320755
17203	9/13/2019 8:48:48		-122.361	37.717	2088994.174	6023367.626		2195.889	RS-700	0.30119163522
17204	9/13/2019 8:48:49		-122.361	37.717	2088996.008	6023365.145		2192.461	RS-700	0.27962616352
17205	9/13/2019 8:48:50		-122.361	37.717	2088998.026	6023362.582		2193.123	RS-700	0.28379226415
17206	9/13/2019 8:48:51		-122.361	37.717	2088999.825	6023360.014		2214.007	RS-700	0.41513955975
17207	9/13/2019 8:48:52		-122.361	37.717	2089001.300	6023357.266		2204.813	RS-700	0.35731729560
17208	9/13/2019 8:48:53		-122.361	37.717	2089002.665	6023354.545		2403.344	RS-700	1.60593641509
17209	9/13/2019 8:48:54		-122.361	37.717	2089004.246	6023351.972		2256.374	RS-700	0.68159716981
17210	9/13/2019 8:48:55		-122.361	37.717	2089005.860	6023349.574		2274.587	RS-700	0.79614584906
17211	9/13/2019 8:48:56		-122.361	37.717	2089007.437	6023347.176		2313.295	RS-700	1.03959245283
17212	9/13/2019 8:48:57		-122.361	37.717	2089009.125	6023344.692		2201.457	RS-700	0.33620792453
17213	9/13/2019 8:48:58		-122.361	37.717	2089011.101	6023342.388		2132.335	RS-700	-0.09852452830
17214	9/13/2019 8:48:59		-122.361	37.717	2089013.148	6023340.172		2002.653	RS-700	-0.91413251572
17215	9/13/2019 8:49:00		-122.361	37.717	2089015.085	6023338.012		2170.556	RS-700	0.14186452830
17216	9/13/2019 8:49:01		-122.361	37.717	2089017.133	6023335.738		2261.694	RS-700	0.71505748428
17217	9/13/2019 8:49:02		-122.361	37.717	2089019.327	6023333.497		2167.561	RS-700	0.12302547170
17218	9/13/2019 8:49:03		-122.361	37.717	2089021.558	6023331.169		2147.564	RS-700	-0.00274245283
17219	9/13/2019 8:49:04		-122.361	37.717	2089023.571	6023328.865		2249.582	RS-700	0.63888132076
17220	9/13/2019 8:49:05		-122.361	37.717	2089025.691	6023326.651		2174.668	RS-700	0.16772415094
17221	9/13/2019 8:49:06		-122.361	37.717	2089027.809	6023324.523		2187.789	RS-700	0.25024547170
17222	9/13/2019 8:49:07		-122.361	37.717	2089029.780	6023322.451		2139.883	RS-700	-0.05105245283
17223	9/13/2019 8:49:08		-122.361	37.717	2089031.791	6023320.234		2176.573	RS-700	0.17970572327
17224	9/13/2019 8:49:09		-122.361	37.717	2089033.914	6023317.875		2178.037	RS-700	0.18891201258
17225	9/13/2019 8:49:10		-122.361	37.717	2089036.036	6023315.545		2236.161	RS-700	0.55447452830
17226	9/13/2019 8:49:11		-122.361	37.717	2089038.197	6023313.100		2092.947	RS-700	-0.34624698113
17227	9/13/2019 8:49:12		-122.361	37.717	2089040.394	6023310.656		2226.022	RS-700	0.49070578616
17228	9/13/2019 8:49:13		-122.361	37.717	2089042.553	6023308.297		2191.218	RS-700	0.27181345912
17229	9/13/2019 8:49:14		-122.361	37.717	2089044.746	6023306.085		2156.891	RS-700	0.05591805031
17230	9/13/2019 8:49:15		-122.361	37.717	2089047.048	6023303.874		2143.980	RS-700	-0.02528496855
17231	9/13/2019 8:49:16		-122.361	37.717	2089049.096	6023301.600		2201.792	RS-700	0.33831679245
17232	9/13/2019 8:49:17		-122.361	37.717	2089050.931	6023299.062		2168.319	RS-700	0.12779276730
17233	9/13/2019 8:49:18		-122.361	37.717	2089052.695	6023296.464		2213.019	RS-700	0.40892377359
17234	9/13/2019 8:49:19		-122.361	37.717	2089054.091	6023294.033		2238.467	RS-700	0.56897383648
17235	9/13/2019 8:49:20		-122.361	37.717	2089055.272	6023291.395		2319.640	RS-700	1.07949452830
17236	9/13/2019 8:49:21		-122.361	37.717	2089056.132	6023288.432		2271.698	RS-700	0.77797767296
17237	9/13/2019 8:49:22		-122.361	37.717	2089056.842	6023285.727		2161.765	RS-700	0.08657075472
17238	9/13/2019 8:49:23		-122.361	37.717	2089057.804	6023283.142		2230.346	RS-700	0.51790031447
17239	9/13/2019 8:49:24		-122.361	37.717	2089059.350	6023280.482		1931.575	RS-700	-1.36116610063
17240	9/13/2019 8:49:25		-122.361	37.717	2089061.183	6023278.031		2216.463	RS-700	0.43058446541
17241	9/13/2019 8:49:26		-122.361	37.717	2089062.826	6023276.010		2238.267	RS-700	0.56771471698
17242	9/13/2019 8:49:27		-122.361	37.717	2089064.168	6023274.416		2123.550	RS-700	-0.15377496855
17243	9/13/2019 8:49:28		-122.361	37.717	2089065.584	6023272.824		1528.406	RS-700	-3.89681559748
17244	9/13/2019 8:49:29		-122.362	37.717	2089067.110	6023271.177		1229.432	RS-700	-5.77715748428
17245	9/13/2019 8:49:30		-122.362	37.717	2089068.971	6023269.160		1684.523	RS-700	-2.91495075472
17246	9/13/2019 8:49:31		-122.362	37.717	2089071.054	6023266.973		2240.456	RS-700	0.58148547170
17247	9/13/2019 8:49:32		-122.362	37.717	2089072.954	6023264.841		2181.215	RS-700	0.20889924528
17248	9/13/2019 8:49:33		-122.362	37.717	2089074.811	6023262.998		2244.139	RS-700	0.60464911950
17249	9/13/2019 8:49:34		-122.362	37.718	2089076.669	6023261.154		2254.597	RS-700	0.67042100629
17250	9/13/2019 8:49:35		-122.362	37.718	2089078.672	6023259.314		2276.930	RS-700	0.81088012579
17251	9/13/2019 8:49:36		-122.362	37.718	2089080.497	6023257.296		2211.566	RS-700	0.39978566038
17252	9/13/2019 8:49:37		-122.362	37.718	2089082.067	6023255.273		2280.593	RS-700	0.83391528302
17253	9/13/2019 8:49:38		-122.362	37.718	2089083.494	6023253.103		2228.361	RS-700	0.50541566038
17254	9/13/2019 8:49:39		-122.362	37.718	2089084.705	6023250.784		2283.925	RS-700	0.85487320755
17255	9/13/2019 8:49:40		-122.362	37.718	2089085.996	6023248.148		2269.275	RS-700	0.76273867925
17256	9/13/2019 8:49:41		-122.362	37.718	2089087.248	6023245.627		2194.008	RS-700	0.28935937107
17257	9/13/2019 8:49:42		-122.362	37.718	2089088.539	6023242.962		2339.426	RS-700	1.20393610063
17258	9/13/2019 8:49:43		-122.362	37.718	2089089.830	6023240.326		2420.989	RS-700	1.71691320755
17259	9/13/2019 8:49:44		-122.362	37.718	2089090.782	6023238.233		2516.280	RS-700	0.93923609971
17260	9/13/2019 8:49:45		-122.362	37.718	2089091.953	6023236.145		2780.692	RS-700	1.71463991202
17261	9/13/2019 8:49:46		-122.362	37.718	2089093.227	6023234.347		2459.497	RS-700	0.77271879765
17262	9/13/2019 8:49:47		-122.362	37.718	2089094.238	6023232.950		1996.721	RS-700	-0.58439601173

Gamma Scan Survey Results
Survey Unit 4 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
17263	9/13/2019 8:49:48		-122.362	37.718	2089095.365	6023231.207		1726.883	RS-700	-1.37571008798
17264	9/13/2019 8:49:49		-122.362	37.718	2089096.354	6023229.115		2438.233	RS-700	0.71036011730
17265	9/13/2019 8:49:50		-122.362	37.718	2089098.010	6023226.400		2652.485	RS-700	1.33866692082
17266	9/13/2019 8:49:51		-122.362	37.718	2089099.343	6023223.447		2252.145	RS-700	0.16464733138
17267	9/13/2019 8:49:52		-122.362	37.718	2089100.997	6023220.876		1992.831	RS-700	-0.59580272727
17268	9/13/2019 8:49:53		-122.362	37.718	2089102.650	6023218.334		2339.366	RS-700	1.20355855346
17269	9/13/2019 8:49:54		-122.362	37.718	2089104.124	6023215.644		2382.452	RS-700	1.47454314465
17270	9/13/2019 8:49:55		-122.362	37.718	2089105.744	6023212.899		2249.164	RS-700	0.63624924528
17271	9/13/2019 8:49:56		-122.362	37.718	2089107.729	6023210.161		2403.821	RS-700	1.60894012579
17272	9/13/2019 8:49:57		-122.362	37.718	2089109.709	6023207.654		2357.093	RS-700	1.31505106918
17273	9/13/2019 8:49:58		-122.362	37.718	2089111.871	6023205.152		2323.300	RS-700	1.10251685535
17274	9/13/2019 8:49:59		-122.362	37.718	2089113.885	6023202.790		2264.926	RS-700	0.73538559748
17275	9/13/2019 8:50:00		-122.362	37.718	2089116.118	6023200.376		2315.180	RS-700	1.05144389937
17276	9/13/2019 8:50:01		-122.362	37.718	2089118.350	6023198.048		2264.263	RS-700	0.73121144654
17277	9/13/2019 8:50:02		-122.362	37.718	2089120.435	6023195.717		2314.044	RS-700	1.04429993711
17278	9/13/2019 8:50:03		-122.362	37.718	2089122.560	6023193.271		2298.156	RS-700	0.94437723270
17279	9/13/2019 8:50:04		-122.362	37.718	2089124.723	6023190.711		2321.302	RS-700	1.08994811321
17280	9/13/2019 8:50:05		-122.362	37.718	2089126.637	6023187.856		2279.704	RS-700	0.82832471698
17281	9/13/2019 8:50:06		-122.362	37.718	2089128.403	6023185.143		2432.997	RS-700	1.79243477987
17282	9/13/2019 8:50:07		-122.362	37.718	2089130.131	6023182.486		2422.222	RS-700	1.72466465409
17283	9/13/2019 8:50:08		-122.362	37.718	2089131.713	6023179.885		2340.074	RS-700	1.20801025157
17284	9/13/2019 8:50:09		-122.362	37.718	2089133.218	6023177.427		2441.385	RS-700	1.84518867925
17285	9/13/2019 8:50:10		-122.362	37.718	2089134.723	6023175.027		2351.552	RS-700	1.28019830189
17286	9/13/2019 8:50:11		-122.362	37.718	2089136.004	6023172.883		2222.921	RS-700	0.47120320755
17287	9/13/2019 8:50:12		-122.362	37.718	2089137.470	6023170.569		2385.619	RS-700	1.49445641509
17288	9/13/2019 8:50:13		-122.362	37.718	2089138.976	6023168.111		2319.483	RS-700	1.07850691824
17289	9/13/2019 8:50:14		-122.362	37.718	2089140.552	6023165.770		2369.609	RS-700	1.39376874214
17290	9/13/2019 8:50:15		-122.362	37.718	2089142.202	6023163.372		2438.634	RS-700	1.82788446541
17291	9/13/2019 8:50:16		-122.362	37.718	2089143.494	6023160.650		2492.399	RS-700	2.16602830189
17292	9/13/2019 8:50:17		-122.362	37.718	2089144.281	6023157.743		2445.849	RS-700	1.87326125786
17293	9/13/2019 8:50:18		-122.362	37.718	2089144.818	6023154.514		2402.864	RS-700	1.60291886792
17294	9/13/2019 8:50:19		-122.362	37.718	2089145.466	6023151.229		2356.970	RS-700	1.31427402516
17295	9/13/2019 8:50:20		-122.362	37.718	2089146.398	6023148.354		2323.765	RS-700	1.10544182390
17296	9/13/2019 8:50:21		-122.362	37.718	2089147.621	6023145.457		2341.070	RS-700	1.21427603774
17297	9/13/2019 8:50:22		-122.362	37.718	2089149.169	6023142.710		2346.519	RS-700	1.24854672956
17298	9/13/2019 8:50:23		-122.362	37.718	2089150.971	6023139.998		2343.843	RS-700	1.23171522013
17299	9/13/2019 8:50:24		-122.362	37.718	2089152.877	6023137.548		2276.040	RS-700	0.80528232704
17300	9/13/2019 8:50:25		-122.362	37.718	2089155.145	6023135.192		2344.953	RS-700	1.23870100629
17301	9/13/2019 8:50:26		-122.362	37.718	2089157.592	6023133.013		2313.931	RS-700	1.04359333333
17302	9/13/2019 8:50:27		-122.362	37.718	2089160.181	6023131.010		2290.170	RS-700	0.89414798742
17303	9/13/2019 8:50:28		-122.362	37.718	2089163.063	6023128.955		2156.122	RS-700	0.05108006289
17304	9/13/2019 8:50:29		-122.362	37.718	2089165.832	6023127.072		2272.592	RS-700	0.78359779874
17305	9/13/2019 8:50:30		-122.362	37.718	2089167.822	6023125.897		2409.747	RS-700	1.64620849057
17306	9/13/2019 8:50:31		-122.362	37.718	2089168.854	6023125.252		2314.714	RS-700	1.04851849057
17307	9/13/2019 8:50:32		-122.362	37.718	2089170.259	6023124.209		2290.937	RS-700	0.89897320755
17308	9/13/2019 8:50:33		-122.362	37.718	2089171.927	6023122.738		2323.942	RS-700	1.10655081761
17309	9/13/2019 8:50:34		-122.362	37.718	2089173.458	6023120.859		2399.987	RS-700	1.58482238994
17310	9/13/2019 8:50:35		-122.362	37.718	2089175.035	6023118.490		2479.894	RS-700	2.08738339623
17311	9/13/2019 8:50:36		-122.362	37.718	2089176.835	6023115.835		2416.346	RS-700	1.68770867925
17312	9/13/2019 8:50:37		-122.362	37.718	2089178.447	6023113.524		2472.497	RS-700	2.04086364780
17313	9/13/2019 8:50:38		-122.362	37.718	2089180.245	6023111.042		2523.650	RS-700	2.36257710692
17314	9/13/2019 8:50:39		-122.362	37.718	2089182.078	6023108.620		2358.964	RS-700	1.32682031447
17315	9/13/2019 8:50:40		-122.362	37.718	2089184.129	6023106.173		2436.729	RS-700	1.81590716981
17316	9/13/2019 8:50:41		-122.362	37.718	2089186.622	6023103.532		2330.955	RS-700	1.15065962264
17317	9/13/2019 8:50:42		-122.362	37.718	2089188.458	6023100.936		2351.611	RS-700	1.28057377358
17318	9/13/2019 8:50:43		-122.362	37.718	2089190.624	6023098.259		2442.367	RS-700	1.85136578616
17319	9/13/2019 8:50:44		-122.362	37.718	2089192.607	6023095.608		2373.729	RS-700	1.41968012579
17320	9/13/2019 8:50:45		-122.362	37.718	2089194.478	6023093.071		2506.011	RS-700	2.25163974843
17321	9/13/2019 8:50:46		-122.362	37.718	2089196.314	6023090.475		2446.243	RS-700	1.87574427673
17322	9/13/2019 8:50:47		-122.362	37.718	2089198.188	6023087.822		2494.403	RS-700	2.17863660377
17323	9/13/2019 8:50:48		-122.362	37.718	2089199.773	6023085.047		2580.314	RS-700	2.71895748428

Gamma Scan Survey Results
Survey Unit 4 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
17324	9/13/2019 8:50:49		-122.362	37.718	2089201.323	6023082.185		2364.971	RS-700	1.36459440252
17325	9/13/2019 8:50:50		-122.362	37.718	2089203.056	6023079.268		2519.786	RS-700	2.33827477987
17326	9/13/2019 8:50:51		-122.362	37.718	2089204.965	6023076.674		2489.267	RS-700	2.14633132075
17327	9/13/2019 8:50:52		-122.362	37.718	2089207.091	6023074.170		2550.766	RS-700	2.53311987421
17328	9/13/2019 8:50:53		-122.362	37.718	2089209.221	6023071.435		2539.287	RS-700	2.46092647799
17329	9/13/2019 8:50:54		-122.362	37.718	2089211.204	6023068.813		2468.396	RS-700	2.01506679245
17330	9/13/2019 8:50:55		-122.362	37.718	2089213.000	6023066.390		2496.520	RS-700	2.19195125786
17331	9/13/2019 8:50:56		-122.362	37.718	2089214.543	6023063.875		2394.858	RS-700	1.55256402516
17332	9/13/2019 8:50:57		-122.362	37.718	2089216.235	6023061.218		2401.817	RS-700	1.59633157233
17333	9/13/2019 8:50:58		-122.362	37.718	2089217.742	6023058.702		2390.225	RS-700	1.52343018868
17334	9/13/2019 8:50:59		-122.362	37.718	2089219.399	6023055.958		2262.263	RS-700	0.71863264151
17335	9/13/2019 8:51:00		-122.362	37.718	2089221.131	6023053.128		2298.417	RS-700	0.94601918239
17336	9/13/2019 8:51:01		-122.362	37.718	2089222.899	6023050.270		2321.482	RS-700	1.09108408805
17337	9/13/2019 8:51:02		-122.362	37.718	2089224.776	6023047.443		2320.592	RS-700	1.08548522013
17338	9/13/2019 8:51:03		-122.362	37.718	2089226.577	6023044.789		2308.173	RS-700	1.00737792453
17339	9/13/2019 8:51:04		-122.362	37.718	2089228.379	6023042.076		2298.517	RS-700	0.94665088050
17340	9/13/2019 8:51:05		-122.362	37.718	2089230.180	6023039.422		2331.962	RS-700	1.15699484277
17341	9/13/2019 8:51:06		-122.362	37.718	2089231.907	6023036.823		2311.056	RS-700	1.02550729560
17342	9/13/2019 8:51:07		-122.362	37.718	2089233.418	6023034.134		2341.957	RS-700	1.21985811321
17343	9/13/2019 8:51:08		-122.362	37.718	2089234.749	6023031.296		2223.239	RS-700	0.47320000000
17344	9/13/2019 8:51:09		-122.362	37.718	2089236.084	6023028.256		2309.079	RS-700	1.01307289308
17345	9/13/2019 8:51:10		-122.362	37.718	2089237.491	6023025.247		2298.724	RS-700	0.94794679245
17346	9/13/2019 8:51:11		-122.362	37.718	2089238.861	6023022.294		2260.510	RS-700	0.70760691824
17347	9/13/2019 8:51:12		-122.362	37.718	2089240.121	6023019.368		2353.848	RS-700	1.29464421384
17348	9/13/2019 8:51:13		-122.362	37.718	2089241.599	6023016.476		2383.749	RS-700	1.48269666667
17349	9/13/2019 8:51:14		-122.362	37.718	2089243.000	6023013.784		2271.703	RS-700	0.77800320755
17350	9/13/2019 8:51:15		-122.362	37.718	2089244.327	6023011.149		2392.858	RS-700	1.53998440252
17351	9/13/2019 8:51:16		-122.362	37.718	2089246.029	6023008.001		2268.929	RS-700	0.76055698113
17352	9/13/2019 8:51:17		-122.362	37.718	2089247.876	6023004.855		2328.280	RS-700	1.13383465409
17353	9/13/2019 8:51:18		-122.362	37.718	2089249.645	6023001.969		2336.205	RS-700	1.18368069182
17354	9/13/2019 8:51:19		-122.362	37.718	2089251.306	6022999.022		2357.336	RS-700	1.31657591195
17355	9/13/2019 8:51:20		-122.362	37.718	2089253.074	6022996.193		2279.052	RS-700	0.82422509434
17356	9/13/2019 8:51:21		-122.362	37.718	2089254.876	6022993.509		2366.443	RS-700	1.37385547170
17357	9/13/2019 8:51:22		-122.362	37.718	2089256.678	6022990.797		2377.176	RS-700	1.44135660377
17358	9/13/2019 8:51:23		-122.362	37.718	2089258.375	6022987.880		2419.385	RS-700	1.70682251572
17359	9/13/2019 8:51:24		-122.363	37.718	2089260.000	6022984.903		2402.106	RS-700	1.59815402516
17360	9/13/2019 8:51:25		-122.363	37.718	2089261.296	6022982.007		2334.602	RS-700	1.17359559748
17361	9/13/2019 8:51:26		-122.363	37.718	2089262.408	6022979.194		2409.746	RS-700	1.64620044025
17362	9/13/2019 8:51:27		-122.363	37.718	2089263.743	6022976.183		2387.492	RS-700	1.50623849057
17363	9/13/2019 8:51:28		-122.363	37.718	2089265.221	6022973.291		2380.100	RS-700	1.45974949686
17364	9/13/2019 8:51:29		-122.363	37.718	2089267.166	6022970.697		2353.608	RS-700	1.29313094340
17365	9/13/2019 8:51:30		-122.363	37.718	2089268.888	6022968.359		2414.108	RS-700	1.67363301887
17366	9/13/2019 8:51:31		-122.363	37.718	2089270.611	6022965.963		2334.433	RS-700	1.17253314465
17367	9/13/2019 8:51:32		-122.363	37.718	2089272.301	6022963.393		2449.237	RS-700	1.89457000000
17368	9/13/2019 8:51:33		-122.363	37.718	2089273.954	6022960.822		2332.955	RS-700	1.16323716981
17369	9/13/2019 8:51:34		-122.363	37.718	2089275.464	6022958.191		2378.437	RS-700	1.44928761006
17370	9/13/2019 8:51:35		-122.363	37.718	2089276.430	6022955.375		2357.842	RS-700	1.31976088050
17371	9/13/2019 8:51:36		-122.363	37.718	2089277.689	6022952.507		2393.575	RS-700	1.54449880503
17372	9/13/2019 8:51:37		-122.363	37.718	2089278.609	6022950.211		2476.261	RS-700	2.06453754717
17373	9/13/2019 8:51:38		-122.363	37.718	2089278.960	6022949.031		2464.244	RS-700	1.98895698113
17374	9/13/2019 8:51:39		-122.363	37.718	2089278.922	6022949.089		2395.979	RS-700	1.55961345912
17375	9/13/2019 8:51:40		-122.363	37.718	2089278.594	6022949.140		2362.327	RS-700	1.34796779874
17376	9/13/2019 8:51:41		-122.363	37.718	2089279.076	6022948.687		2442.843	RS-700	1.85436119497
17377	9/13/2019 8:51:42		-122.363	37.718	2089279.077	6022948.658		2353.209	RS-700	1.29062264151
17378	9/13/2019 8:51:43		-122.363	37.718	2089279.114	6022948.630		2353.715	RS-700	1.29380779874
17379	09/09/2019	11:28:53	0.000	0.000	2089281.764	6022936.419	8052		GWS	0.36187113857
17380	09/09/2019	11:28:54	0.000	0.000	2089281.628	6022936.769	7293		GWS	-0.30803177405
17381	09/09/2019	11:28:55	0.000	0.000	2089280.922	6022936.909	8363		GWS	0.63636363636
17382	09/09/2019	11:28:56	0.000	0.000	2089281.018	6022937.144	9020		GWS	1.21624007061
17383	09/09/2019	11:28:57	0.000	0.000	2089281.037	6022936.861	8495		GWS	0.75286849073
17384	09/09/2019	11:28:58	0.000	0.000	2089280.137	6022938.403	8603		GWS	0.84819064431

Gamma Scan Survey Results
Survey Unit 4 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
17385	09/09/2019	11:28:59	0.000	0.000	2089278.833	6022939.454	8541		GWS	0.79346866726
17386	09/09/2019	11:29:00	0.000	0.000	2089277.396	6022941.256	8405		GWS	0.67343336275
17387	09/09/2019	11:29:01	0.000	0.000	2089276.650	6022943.329	8251		GWS	0.53751103266
17388	09/09/2019	11:29:02	0.000	0.000	2089275.116	6022944.301	7852		GWS	0.18534863195
17389	09/09/2019	11:29:03	0.000	0.000	2089274.035	6022946.106	7783		GWS	0.12444836717
17390	09/09/2019	11:29:04	0.000	0.000	2089272.632	6022947.492	7406		GWS	-0.20829655781
17391	09/09/2019	11:29:05	0.000	0.000	2089271.910	6022949.258	7821		GWS	0.15798764343
17392	09/09/2019	11:29:06	0.000	0.000	2089270.566	6022950.629	8195		GWS	0.48808473080
17393	09/09/2019	11:29:07	0.000	0.000	2089269.377	6022951.924	9548		GWS	1.68225948808
17394	09/09/2019	11:29:08	0.000	0.000	2089268.368	6022953.443	8477		GWS	0.73698146514
17395	09/09/2019	11:29:09	0.000	0.000	2089266.892	6022954.896	8329		GWS	0.60635481024
17396	09/09/2019	11:29:10	0.000	0.000	2089265.993	6022956.609	6702		GWS	-0.82965578111
17397	09/09/2019	11:29:11	0.000	0.000	2089264.572	6022957.946	8365		GWS	0.63812886143
17398	09/09/2019	11:29:12	0.000	0.000	2089263.509	6022959.981	7791		GWS	0.13150926743
17399	09/09/2019	11:29:13	0.000	0.000	2089262.114	6022961.192	8277		GWS	0.56045895852
17400	09/09/2019	11:29:14	0.000	0.000	2089261.063	6022962.911	8759		GWS	0.98587819947
17401	09/09/2019	11:29:15	0.000	0.000	2089259.885	6022964.575	8190		GWS	0.48367166814
17402	09/09/2019	11:29:16	0.000	0.000	2089258.546	6022966.150	8227		GWS	0.51632833186
17403	09/09/2019	11:29:17	0.000	0.000	2089257.911	6022967.975	8446		GWS	0.70962047661
17404	09/09/2019	11:29:18	0.000	0.000	2089256.349	6022969.281	8741		GWS	0.96999117388
17405	09/09/2019	11:29:19	0.000	0.000	2089255.401	6022971.377	7705		GWS	0.05560458959
17406	09/09/2019	11:29:20	0.000	0.000	2089253.672	6022972.531	8436		GWS	0.70079435128
17407	09/09/2019	11:29:21	0.000	0.000	2089252.497	6022974.507	8019		GWS	0.33274492498
17408	09/09/2019	11:29:22	0.000	0.000	2089251.018	6022976.103	7284		GWS	-0.31597528685
17409	09/09/2019	11:29:23	0.000	0.000	2089249.354	6022977.703	7881		GWS	0.21094439541
17410	09/09/2019	11:29:24	0.000	0.000	2089248.794	6022979.471	7790		GWS	0.13062665490
17411	09/09/2019	11:29:25	0.000	0.000	2089247.373	6022980.706	8247		GWS	0.53398058252
17412	09/09/2019	11:29:26	0.000	0.000	2089246.320	6022982.588	8332		GWS	0.60900264784
17413	09/09/2019	11:29:27	0.000	0.000	2089244.646	6022983.723	6733		GWS	-0.80229479259
17414	09/09/2019	11:29:28	0.000	0.000	2089243.598	6022985.482	7473		GWS	-0.14916151809
17415	09/09/2019	11:29:29	0.000	0.000	2089242.453	6022986.238	8738		GWS	0.96734333628
17416	09/09/2019	11:29:30	0.000	0.000	2089243.142	6022987.594	9534		GWS	1.66990291262
17417	09/09/2019	11:29:31	0.000	0.000	2089243.562	6022989.334	9373		GWS	1.52780229479
17418	09/09/2019	11:29:32	0.000	0.000	2089243.891	6022991.590	8733		GWS	0.96293027361
17419	09/09/2019	11:29:33	0.000	0.000	2089243.060	6022993.280	9443		GWS	1.58958517211
17420	09/09/2019	11:29:34	0.000	0.000	2089241.880	6022994.744	8960		GWS	1.16328331862
17421	09/09/2019	11:29:35	0.000	0.000	2089240.199	6022995.599	9560		GWS	1.69285083848
17422	09/09/2019	11:29:36	0.000	0.000	2089238.384	6022995.650	9200		GWS	1.37511032657
17423	09/09/2019	11:29:37	0.000	0.000	2089236.534	6022995.714	8810		GWS	1.03089143866
17424	09/09/2019	11:29:38	0.000	0.000	2089235.867	6022995.845	8232		GWS	0.52074139453
17425	09/09/2019	11:29:39	0.000	0.000	2089236.499	6022995.506	8358		GWS	0.63195057370
17426	09/09/2019	11:29:40	0.000	0.000	2089238.133	6022993.915	7159		GWS	-0.42630185349
17427	09/09/2019	11:29:41	0.000	0.000	2089239.808	6022993.584	6889		GWS	-0.66460723742
17428	09/09/2019	11:29:42	0.000	0.000	2089240.896	6022992.191	7752		GWS	0.09708737864
17429	09/09/2019	11:29:43	0.000	0.000	2089241.487	6022991.006	7788		GWS	0.12886142983
17430	09/09/2019	11:29:44	0.000	0.000	2089241.362	6022989.446	7827		GWS	0.16328331862
17431	09/09/2019	11:29:45	0.000	0.000	2089240.470	6022990.115	6336		GWS	-1.15269196823
17432	09/09/2019	11:29:46	0.000	0.000	2089239.224	6022991.426	5766		GWS	-1.65578111209
17433	09/09/2019	11:29:47	0.000	0.000	2089238.442	6022993.121	6393		GWS	-1.10238305384
17434	09/09/2019	11:29:49	0.000	0.000	2089237.705	6022993.990	5997		GWS	-1.45189761695
17435	09/09/2019	11:29:50	0.000	0.000	2089236.255	6022994.767	7799		GWS	0.13857016770
17436	09/09/2019	11:29:51	0.000	0.000	2089235.011	6022996.564	8429		GWS	0.69461606355
17437	09/09/2019	11:29:52	0.000	0.000	2089233.539	6022997.948	7957		GWS	0.27802294793
17438	09/09/2019	11:29:53	0.000	0.000	2089232.666	6022999.904	6999		GWS	-0.56751985878
17439	09/09/2019	11:29:54	0.000	0.000	2089231.484	6023001.672	7959		GWS	0.27978817299
17440	09/09/2019	11:29:55	0.000	0.000	2089230.284	6023003.194	7240		GWS	-0.35481023831
17441	09/09/2019	11:29:56	0.000	0.000	2089229.185	6023004.931	7450		GWS	-0.16946160636
17442	09/09/2019	11:29:57	0.000	0.000	2089227.563	6023006.163	8312		GWS	0.59135039718
17443	09/09/2019	11:29:58	0.000	0.000	2089226.464	6023008.373	7148		GWS	-0.43601059135
17444	09/09/2019	11:29:59	0.000	0.000	2089224.909	6023009.765	7007		GWS	-0.56045895852
17445	09/09/2019	11:30:00	0.000	0.000	2089223.819	6023011.414	7751		GWS	0.09620476611

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SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
17446	09/09/2019	11:30:01	0.000	0.000	2089222.528	6023013.253	7998		GWS	0.31421006178
17447	09/09/2019	11:30:02	0.000	0.000	2089221.033	6023014.758	7849		GWS	0.18270079435
17448	09/09/2019	11:30:03	0.000	0.000	2089220.047	6023016.464	7752		GWS	0.09708737864
17449	09/09/2019	11:30:04	0.000	0.000	2089218.580	6023017.581	8358		GWS	0.63195057370
17450	09/09/2019	11:30:05	0.000	0.000	2089217.708	6023019.647	8659		GWS	0.89761694616
17451	09/09/2019	11:30:06	0.000	0.000	2089216.215	6023020.792	8224		GWS	0.51368049426
17452	09/09/2019	11:30:07	0.000	0.000	2089215.198	6023022.819	7576		GWS	-0.05825242718
17453	09/09/2019	11:30:08	0.000	0.000	2089213.653	6023024.200	7384		GWS	-0.22771403354
17454	09/09/2019	11:30:09	0.000	0.000	2089212.437	6023025.879	7666		GWS	0.02118270079
17455	09/09/2019	11:30:10	0.000	0.000	2089211.581	6023027.688	8636		GWS	0.87731685790
17456	09/09/2019	11:30:11	0.000	0.000	2089209.974	6023029.150	8429		GWS	0.69461606355
17457	09/09/2019	11:30:12	0.000	0.000	2089209.238	6023030.941	7597		GWS	-0.03971756399
17458	09/09/2019	11:30:13	0.000	0.000	2089207.642	6023031.998	7899		GWS	0.22683142101
17459	09/09/2019	11:30:14	0.000	0.000	2089206.617	6023033.860	7614		GWS	-0.02471315093
17460	09/09/2019	11:30:15	0.000	0.000	2089205.389	6023034.949	8203		GWS	0.49514563107
17461	09/09/2019	11:30:16	0.000	0.000	2089204.670	6023036.881	7481		GWS	-0.14210061783
17462	09/09/2019	11:30:17	0.000	0.000	2089203.766	6023038.295	5260		GWS	-2.10238305384
17463	09/09/2019	11:30:18	0.000	0.000	2089202.730	6023039.218	4683		GWS	-2.61165048544
17464	09/09/2019	11:30:19	0.000	0.000	2089201.827	6023040.112	5064		GWS	-2.27537511033
17465	09/09/2019	11:30:20	0.000	0.000	2089201.002	6023040.837	5684		GWS	-1.72815533981
17466	09/09/2019	11:30:21	0.000	0.000	2089200.186	6023041.408	6526		GWS	-0.98499558694
17467	09/09/2019	11:30:22	0.000	0.000	2089201.135	6023041.399	7241		GWS	-0.35392762577
17468	09/09/2019	11:30:23	0.000	0.000	2089202.559	6023041.652	7300		GWS	-0.30185348632
17469	09/09/2019	11:30:24	0.000	0.000	2089203.444	6023040.421	7135		GWS	-0.44748455428
17470	09/09/2019	11:30:25	0.000	0.000	2089204.161	6023039.204	7303		GWS	-0.29920564872
17471	09/09/2019	11:30:26	0.000	0.000	2089204.719	6023037.733	8546		GWS	0.79788172992
17472	09/09/2019	11:30:27	0.000	0.000	2089205.950	6023037.072	8916		GWS	1.12444836717
17473	09/09/2019	11:30:28	0.000	0.000	2089206.797	6023034.787	8529		GWS	0.78287731686
17474	09/09/2019	11:30:29	0.000	0.000	2089206.642	6023035.190	8642		GWS	0.88261253310
17475	09/09/2019	11:30:30	0.000	0.000	2089206.916	6023037.187	8820		GWS	1.03971756399
17476	09/09/2019	11:30:31	0.000	0.000	2089207.445	6023039.390	8715		GWS	0.94704324801
17477	09/09/2019	11:30:32	0.000	0.000	2089206.130	6023041.043	9948		GWS	2.03530450132
17478	09/09/2019	11:30:33	0.000	0.000	2089204.947	6023043.014	9627		GWS	1.75198587820
17479	09/09/2019	11:30:34	0.000	0.000	2089203.186	6023043.725	8857		GWS	1.07237422771
17480	09/09/2019	11:30:35	0.000	0.000	2089201.172	6023043.833	9474		GWS	1.61694616064
17481	09/09/2019	11:30:36	0.000	0.000	2089199.312	6023043.583	9658		GWS	1.77934686673
17482	09/09/2019	11:30:37	0.000	0.000	2089198.100	6023044.553	8144		GWS	0.44307149162
17483	09/09/2019	11:30:38	0.000	0.000	2089196.993	6023046.169	7466		GWS	-0.15533980583
17484	09/09/2019	11:30:39	0.000	0.000	2089195.635	6023047.757	8526		GWS	0.78022947926
17485	09/09/2019	11:30:40	0.000	0.000	2089194.897	6023049.517	8461		GWS	0.72285966461
17486	09/09/2019	11:30:41	0.000	0.000	2089193.145	6023051.024	8685		GWS	0.92056487202
17487	09/09/2019	11:30:42	0.000	0.000	2089192.435	6023053.418	8621		GWS	0.86407766990
17488	09/09/2019	11:30:43	0.000	0.000	2089190.955	6023054.484	8215		GWS	0.50573698147
17489	09/09/2019	11:30:44	0.000	0.000	2089190.416	6023056.493	8414		GWS	0.68137687555
17490	09/09/2019	11:30:45	0.000	0.000	2089189.051	6023057.520	8373		GWS	0.64518976170
17491	09/09/2019	11:30:46	0.000	0.000	2089189.092	6023059.052	8723		GWS	0.95410414828
17492	09/09/2019	11:30:47	0.000	0.000	2089189.268	6023060.212	8660		GWS	0.89849955869
17493	09/09/2019	11:30:48	0.000	0.000	2089188.081	6023061.261	8015		GWS	0.32921447485
17494	09/09/2019	11:30:49	0.000	0.000	2089187.843	6023062.603	8753		GWS	0.98058252427
17495	09/09/2019	11:30:50	0.000	0.000	2089187.429	6023063.494	8068		GWS	0.37599293910
17496	09/09/2019	11:30:51	0.000	0.000	2089186.814	6023063.506	8557		GWS	0.80759046779
17497	09/09/2019	11:30:52	0.000	0.000	2089184.852	6023063.631	9369		GWS	1.52427184466
17498	09/09/2019	11:30:53	0.000	0.000	2089183.912	6023064.840	8042		GWS	0.35304501324
17499	09/09/2019	11:30:54	0.000	0.000	2089182.394	6023065.303	7590		GWS	-0.04589585172
17500	09/09/2019	11:30:55	0.000	0.000	2089181.214	6023067.048	8977		GWS	1.17828773169
17501	09/09/2019	11:30:56	0.000	0.000	2089180.152	6023068.974	9654		GWS	1.77581641659
17502	09/09/2019	11:30:57	0.000	0.000	2089178.588	6023070.338	8623		GWS	0.86584289497
17503	09/09/2019	11:30:58	0.000	0.000	2089177.487	6023072.258	8546		GWS	0.79788172992
17504	09/09/2019	11:30:59	0.000	0.000	2089175.729	6023073.465	8046		GWS	0.35657546337
17505	09/09/2019	11:31:00	0.000	0.000	2089175.348	6023075.312	8491		GWS	0.74933804060
17506	09/09/2019	11:31:01	0.000	0.000	2089173.770	6023076.402	8902		GWS	1.11209179170

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SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
17507	09/09/2019	11:31:02	0.000	0.000	2089172.690	6023078.362	9245		GWS	1.41482789056
17508	09/09/2019	11:31:03	0.000	0.000	2089172.089	6023079.685	8371		GWS	0.64342453663
17509	09/09/2019	11:31:04	0.000	0.000	2089170.991	6023080.956	8122		GWS	0.42365401589
17510	09/09/2019	11:31:05	0.000	0.000	2089169.502	6023082.643	8360		GWS	0.63371579876
17511	09/09/2019	11:31:06	0.000	0.000	2089167.929	6023084.133	7190		GWS	-0.39894086496
17512	09/09/2019	11:31:07	0.000	0.000	2089167.285	6023085.744	5907		GWS	-1.53133274492
17513	09/09/2019	11:31:08	0.000	0.000	2089165.852	6023086.305	5407		GWS	-1.97263901147
17514	09/09/2019	11:31:09	0.000	0.000	2089164.485	6023087.804	5239		GWS	-2.12091791703
17515	09/09/2019	11:31:10	0.000	0.000	2089163.618	6023088.144	6142		GWS	-1.32391879965
17516	09/09/2019	11:31:11	0.000	0.000	2089164.186	6023089.792	7595		GWS	-0.04148278906
17517	09/09/2019	11:31:12	0.000	0.000	2089165.101	6023088.360	6728		GWS	-0.80670785525
17518	09/09/2019	11:31:13	0.000	0.000	2089166.448	6023087.631	5972		GWS	-1.47396293027
17519	09/09/2019	11:31:14	0.000	0.000	2089167.165	6023086.116	6994		GWS	-0.57193292145
17520	09/09/2019	11:31:15	0.000	0.000	2089167.680	6023084.702	7808		GWS	0.14651368049
17521	09/09/2019	11:31:16	0.000	0.000	2089169.788	6023083.945	7922		GWS	0.24713150927
17522	09/09/2019	11:31:17	0.000	0.000	2089170.400	6023085.477	9480		GWS	1.62224183583
17523	09/09/2019	11:31:18	0.000	0.000	2089170.277	6023087.659	10260		GWS	2.31067961165
17524	09/09/2019	11:31:19	0.000	0.000	2089168.882	6023089.394	10215		GWS	2.27096204766
17525	09/09/2019	11:31:20	0.000	0.000	2089167.482	6023090.876	10507		GWS	2.52868490733
17526	09/09/2019	11:31:21	0.000	0.000	2089165.470	6023091.382	9938		GWS	2.02647837599
17527	09/09/2019	11:31:22	0.000	0.000	2089163.686	6023090.530	9054		GWS	1.24624889673
17528	09/09/2019	11:31:23	0.000	0.000	2089162.560	6023091.084	8593		GWS	0.83936451898
17529	09/09/2019	11:31:24	0.000	0.000	2089161.100	6023092.398	7938		GWS	0.26125330980
17530	09/09/2019	11:31:25	0.000	0.000	2089160.560	6023094.403	8589		GWS	0.83583406884
17531	09/09/2019	11:31:26	0.000	0.000	2089159.441	6023095.748	7898		GWS	0.22594880847
17532	09/09/2019	11:31:27	0.000	0.000	2089158.562	6023097.884	7614		GWS	-0.02471315093
17533	09/09/2019	11:31:28	0.000	0.000	2089156.628	6023098.708	8863		GWS	1.07766990291
17534	09/09/2019	11:31:29	0.000	0.000	2089155.982	6023100.452	10226		GWS	2.28067078553
17535	09/09/2019	11:31:30	0.000	0.000	2089155.215	6023102.048	10926		GWS	2.89849955869
17536	09/09/2019	11:31:31	0.000	0.000	2089154.938	6023104.386	10921		GWS	2.89408649603
17537	09/09/2019	11:31:32	0.000	0.000	2089154.358	6023105.856	11130		GWS	3.07855251545
17538	09/09/2019	11:31:33	0.000	0.000	2089152.665	6023107.231	10942		GWS	2.91262135922
17539	09/09/2019	11:31:34	0.000	0.000	2089151.958	6023108.505	9815		GWS	1.91791703442
17540	09/09/2019	11:31:35	0.000	0.000	2089150.110	6023108.451	10824		GWS	2.80847308032
17541	09/09/2019	11:31:36	0.000	0.000	2089149.305	6023109.824	11316		GWS	3.24271844660
17542	09/09/2019	11:31:37	0.000	0.000	2089148.075	6023110.640	8889		GWS	1.10061782877
17543	09/09/2019	11:31:38	0.000	0.000	2089147.093	6023112.149	7562		GWS	-0.07060900265
17544	09/09/2019	11:31:39	0.000	0.000	2089144.953	6023112.766	7320		GWS	-0.28420123566
17545	09/09/2019	11:31:40	0.000	0.000	2089144.978	6023112.985	6840		GWS	-0.70785525155
17546	09/09/2019	11:31:41	0.000	0.000	2089145.489	6023112.315	7560		GWS	-0.07237422771
17547	09/09/2019	11:31:42	0.000	0.000	2089146.885	6023112.507	7050		GWS	-0.52250661959
17548	09/09/2019	11:31:43	0.000	0.000	2089148.438	6023111.294	8512		GWS	0.76787290380
17549	09/09/2019	11:31:44	0.000	0.000	2089150.197	6023110.672	8668		GWS	0.90556045896
17550	09/09/2019	11:31:45	0.000	0.000	2089151.230	6023108.897	8707		GWS	0.93998234775
17551	09/09/2019	11:31:46	0.000	0.000	2089152.618	6023107.983	9076		GWS	1.26566637246
17552	09/09/2019	11:31:47	0.000	0.000	2089153.358	6023105.994	9289		GWS	1.45366284201
17553	09/09/2019	11:31:48	0.000	0.000	2089154.644	6023104.542	8742		GWS	0.97087378641
17554	09/09/2019	11:31:49	0.000	0.000	2089155.868	6023103.041	9835		GWS	1.93556928508
17555	09/09/2019	11:31:50	0.000	0.000	2089158.078	6023102.078	8939		GWS	1.14474845543
17556	09/09/2019	11:31:51	0.000	0.000	2089157.406	6023103.846	8714		GWS	0.94616063548
17557	09/09/2019	11:31:52	0.000	0.000	2089156.535	6023106.226	10068		GWS	2.14121800530
17558	09/09/2019	11:31:53	0.000	0.000	2089154.739	6023107.568	9417		GWS	1.56663724625
17559	09/09/2019	11:31:54	0.000	0.000	2089153.434	6023109.605	9194		GWS	1.36981465137
17560	09/09/2019	11:31:55	0.000	0.000	2089152.394	6023111.132	8898		GWS	1.10856134157
17561	09/09/2019	11:31:56	0.000	0.000	2089152.169	6023113.068	7654		GWS	0.01059135040
17562	09/09/2019	11:31:57	0.000	0.000	2089151.858	6023114.854	7583		GWS	-0.05207413945
17563	09/09/2019	11:31:58	0.000	0.000	2089150.820	6023114.451	7206		GWS	-0.38481906443
17564	09/09/2019	11:31:59	0.000	0.000	2089150.776	6023114.098	7711		GWS	0.06090026478
17565	09/09/2019	11:32:00	0.000	0.000	2089150.871	6023114.646	7117		GWS	-0.46337157988
17566	09/09/2019	11:32:01	0.000	0.000	2089149.739	6023116.561	7149		GWS	-0.43512797882
17567	09/09/2019	11:32:02	0.000	0.000	2089148.945	6023116.931	7307		GWS	-0.29567519859

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SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
17568	09/09/2019	11:32:03	0.000	0.000	2089147.834	6023118.235	7616		GWS	-0.02294792586
17569	09/09/2019	11:32:04	0.000	0.000	2089146.680	6023118.838	7514		GWS	-0.11297440424
17570	09/09/2019	11:32:05	0.000	0.000	2089145.689	6023120.071	6648		GWS	-0.87731685790
17571	09/09/2019	11:32:06	0.000	0.000	2089144.316	6023120.752	5643		GWS	-1.76434245366
17572	09/09/2019	11:32:07	0.000	0.000	2089142.001	6023121.603	6691		GWS	-0.83936451898
17573	09/09/2019	11:32:08	0.000	0.000	2089141.715	6023120.082	6922		GWS	-0.63548102383
17574	09/09/2019	11:32:09	0.000	0.000	2089141.251	6023120.214	7460		GWS	-0.16063548102
17575	09/09/2019	11:32:10	0.000	0.000	2089139.930	6023121.217	7325		GWS	-0.27978817299
17576	09/09/2019	11:32:11	0.000	0.000	2089138.934	6023123.402	6961		GWS	-0.60105913504
17577	09/09/2019	11:32:12	0.000	0.000	2089137.329	6023124.720	7410		GWS	-0.20476610768
17578	09/09/2019	11:32:13	0.000	0.000	2089136.149	6023126.869	7042		GWS	-0.52956751986
17579	09/09/2019	11:32:14	0.000	0.000	2089134.295	6023128.285	7040		GWS	-0.53133274493
17580	09/09/2019	11:32:15	0.000	0.000	2089133.260	6023129.697	7250		GWS	-0.34598411297
17581	09/09/2019	11:32:16	0.000	0.000	2089132.173	6023130.705	8052		GWS	0.36187113857
17582	09/09/2019	11:32:17	0.000	0.000	2089131.724	6023132.716	8553		GWS	0.80406001765
17583	09/09/2019	11:32:18	0.000	0.000	2089130.967	6023133.919	6818		GWS	-0.72727272727
17584	09/09/2019	11:32:19	0.000	0.000	2089129.849	6023134.782	5166		GWS	-2.18534863195
17585	09/09/2019	11:32:20	0.000	0.000	2089128.576	6023135.941	5291		GWS	-2.07502206531
17586	09/09/2019	11:32:21	0.000	0.000	2089127.054	6023136.554	6254		GWS	-1.22506619594
17587	09/09/2019	11:32:22	0.000	0.000	2089126.550	6023136.575	8163		GWS	0.45984112974
17588	09/09/2019	11:32:23	0.000	0.000	2089127.763	6023137.463	7320		GWS	-0.28420123566
17589	09/09/2019	11:32:24	0.000	0.000	2089128.876	6023136.658	7230		GWS	-0.36363636364
17590	09/09/2019	11:32:25	0.000	0.000	2089130.201	6023135.970	7087		GWS	-0.48984995587
17591	09/09/2019	11:32:26	0.000	0.000	2089131.013	6023135.008	8672		GWS	0.90909090909
17592	09/09/2019	11:32:27	0.000	0.000	2089131.999	6023133.965	8708		GWS	0.94086496028
17593	09/09/2019	11:32:28	0.000	0.000	2089133.146	6023132.430	8897		GWS	1.10767872904
17594	09/09/2019	11:32:29	0.000	0.000	2089132.974	6023130.909	8224		GWS	0.51368049426
17595	09/09/2019	11:32:30	0.000	0.000	2089133.431	6023131.712	8236		GWS	0.52427184466
17596	09/09/2019	11:32:31	0.000	0.000	2089133.228	6023133.701	8929		GWS	1.13592233010
17597	09/09/2019	11:32:32	0.000	0.000	2089133.162	6023136.188	9762		GWS	1.87113857017
17598	09/09/2019	11:32:33	0.000	0.000	2089131.902	6023137.734	9190		GWS	1.36628420124
17599	09/09/2019	11:32:34	0.000	0.000	2089130.474	6023139.296	8717		GWS	0.94880847308
17600	09/09/2019	11:32:35	0.000	0.000	2089128.449	6023139.737	10489		GWS	2.51279788173
17601	09/09/2019	11:32:36	0.000	0.000	2089126.609	6023139.343	10152		GWS	2.21535745808
17602	09/09/2019	11:32:37	0.000	0.000	2089125.314	6023139.953	8688		GWS	0.92321270962
17603	09/09/2019	11:32:38	0.000	0.000	2089123.469	6023141.212	8784		GWS	1.00794351280
17604	09/09/2019	11:32:39	0.000	0.000	2089122.574	6023143.270	8853		GWS	1.06884377758
17605	09/09/2019	11:32:40	0.000	0.000	2089121.105	6023145.163	8723		GWS	0.95410414828
17606	09/09/2019	11:32:41	0.000	0.000	2089120.195	6023147.226	8300		GWS	0.58075904678
17607	09/09/2019	11:32:42	0.000	0.000	2089118.883	6023149.170	8165		GWS	0.46160635481
17608	09/09/2019	11:32:43	0.000	0.000	2089117.162	6023150.681	7771		GWS	0.11385701677
17609	09/09/2019	11:32:44	0.000	0.000	2089116.361	6023152.835	8572		GWS	0.82082965578
17610	09/09/2019	11:32:45	0.000	0.000	2089114.712	6023154.192	8563		GWS	0.81288614298
17611	09/09/2019	11:32:46	0.000	0.000	2089113.631	6023156.361	7661		GWS	0.01676963813
17612	09/09/2019	11:32:47	0.000	0.000	2089111.772	6023157.859	7795		GWS	0.13503971756
17613	09/09/2019	11:32:48	0.000	0.000	2089110.625	6023159.680	7468		GWS	-0.15357458076
17614	09/09/2019	11:32:49	0.000	0.000	2089109.370	6023161.764	8017		GWS	0.33097969991
17615	09/09/2019	11:32:50	0.000	0.000	2089107.743	6023163.416	8634		GWS	0.87555163283
17616	09/09/2019	11:32:51	0.000	0.000	2089106.808	6023165.554	7468		GWS	-0.15357458076
17617	09/09/2019	11:32:52	0.000	0.000	2089104.983	6023167.067	7507		GWS	-0.11915269197
17618	09/09/2019	11:32:53	0.000	0.000	2089103.641	6023169.209	7456		GWS	-0.16416593116
17619	09/09/2019	11:32:54	0.000	0.000	2089102.601	6023171.501	8554		GWS	0.80494263019
17620	09/09/2019	11:32:55	0.000	0.000	2089100.705	6023172.838	8048		GWS	0.35834068844
17621	09/09/2019	11:32:56	0.000	0.000	2089099.244	6023174.979	8462		GWS	0.72374227714
17622	09/09/2019	11:32:57	0.000	0.000	2089097.656	6023176.619	8175		GWS	0.47043248014
17623	09/09/2019	11:32:58	0.000	0.000	2089096.187	6023178.103	7233		GWS	-0.36098852604
17624	09/09/2019	11:32:59	0.000	0.000	2089094.808	6023180.406	5348		GWS	-2.02471315093
17625	09/09/2019	11:33:00	0.000	0.000	2089093.461	6023181.732	5401		GWS	-1.97793468667
17626	09/09/2019	11:33:01	0.000	0.000	2089092.502	6023183.335	4590		GWS	-2.69373345102
17627	09/09/2019	11:33:02	0.000	0.000	2089091.056	6023184.208	5334		GWS	-2.03706972639
17628	09/09/2019	11:33:03	0.000	0.000	2089090.122	6023184.524	6030		GWS	-1.42277140335

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SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
17629	09/09/2019	11:33:04	0.000	0.000	2089091.250	6023185.358	7121		GWS	-0.45984112974
17630	09/09/2019	11:33:05	0.000	0.000	2089092.447	6023184.588	6940		GWS	-0.61959399824
17631	09/09/2019	11:33:06	0.000	0.000	2089093.830	6023183.736	6565		GWS	-0.95057369815
17632	09/09/2019	11:33:07	0.000	0.000	2089093.777	6023181.551	7131		GWS	-0.45101500441
17633	09/09/2019	11:33:08	0.000	0.000	2089094.457	6023180.947	7902		GWS	0.22947925861
17634	09/09/2019	11:33:09	0.000	0.000	2089096.746	6023179.880	7675		GWS	0.02912621359
17635	09/09/2019	11:33:10	0.000	0.000	2089096.650	6023178.464	7709		GWS	0.05913503972
17636	09/09/2019	11:33:11	0.000	0.000	2089096.647	6023178.646	8947		GWS	1.15180935569
17637	09/09/2019	11:33:12	0.000	0.000	2089097.492	6023179.792	8146		GWS	0.44483671668
17638	09/09/2019	11:33:13	0.000	0.000	2089098.549	6023181.392	8336		GWS	0.61253309797
17639	09/09/2019	11:33:14	0.000	0.000	2089097.390	6023183.307	8804		GWS	1.02559576346
17640	09/09/2019	11:33:15	0.000	0.000	2089096.320	6023185.510	8501		GWS	0.75816416593
17641	09/09/2019	11:33:16	0.000	0.000	2089094.728	6023186.599	8485		GWS	0.74404236540
17642	09/09/2019	11:33:17	0.000	0.000	2089092.667	6023187.483	9021		GWS	1.21712268314
17643	09/09/2019	11:33:18	0.000	0.000	2089090.869	6023187.041	9395		GWS	1.54721977052
17644	09/09/2019	11:33:19	0.000	0.000	2089089.281	6023187.184	8588		GWS	0.83495145631
17645	09/09/2019	11:33:20	0.000	0.000	2089088.019	6023188.951	7847		GWS	0.18093556929
17646	09/09/2019	11:33:21	0.000	0.000	2089086.670	6023190.697	8471		GWS	0.73168578994
17647	09/09/2019	11:33:22	0.000	0.000	2089085.874	6023192.818	7968		GWS	0.28773168579
17648	09/09/2019	11:33:23	0.000	0.000	2089084.541	6023194.775	7422		GWS	-0.19417475728
17649	09/09/2019	11:33:24	0.000	0.000	2089082.913	6023196.494	8275		GWS	0.55869373345
17650	09/09/2019	11:33:25	0.000	0.000	2089082.242	6023198.268	7709		GWS	0.05913503972
17651	09/09/2019	11:33:26	0.000	0.000	2089081.209	6023199.083	9097		GWS	1.28420123566
17652	09/09/2019	11:33:27	0.000	0.000	2089080.798	6023201.162	8124		GWS	0.42541924095
17653	09/09/2019	11:33:28	0.000	0.000	2089078.884	6023201.964	7971		GWS	0.29037952339
17654	09/09/2019	11:33:29	0.000	0.000	2089078.744	6023202.261	6762		GWS	-0.77669902913
17655	09/09/2019	11:33:30	0.000	0.000	2089078.680	6023203.025	7450		GWS	-0.16946160636
17656	09/09/2019	11:33:31	0.000	0.000	2089077.036	6023202.733	7502		GWS	-0.12356575463
17657	09/09/2019	11:33:32	0.000	0.000	2089076.911	6023203.782	7515		GWS	-0.11209179170
17658	09/09/2019	11:33:33	0.000	0.000	2089077.221	6023203.659	7788		GWS	0.12886142983
17659	09/09/2019	11:33:34	0.000	0.000	2089077.299	6023204.810	7767		GWS	0.11032656664
17660	09/09/2019	11:33:35	0.000	0.000	2089075.511	6023206.470	7552		GWS	-0.07943512798
17661	09/09/2019	11:33:36	0.000	0.000	2089073.585	6023206.675	6958		GWS	-0.60370697264
17662	09/09/2019	11:33:37	0.000	0.000	2089074.575	6023207.671	8399		GWS	0.66813768756
17663	09/09/2019	11:33:38	0.000	0.000	2089076.433	6023208.346	8700		GWS	0.93380406002
17664	09/09/2019	11:33:39	0.000	0.000	2089078.904	6023207.852	8385		GWS	0.65578111209
17665	09/09/2019	11:33:40	0.000	0.000	2089079.592	6023206.006	8396		GWS	0.66548984996
17666	09/09/2019	11:33:41	0.000	0.000	2089080.519	6023204.329	8189		GWS	0.48278905561
17667	09/09/2019	11:33:42	0.000	0.000	2089080.246	6023202.659	8497		GWS	0.75463371580
17668	09/09/2019	11:33:43	0.000	0.000	2089080.336	6023199.917	10044		GWS	2.12003530450
17669	09/09/2019	11:33:44	0.000	0.000	2089080.791	6023200.259	8481		GWS	0.74051191527
17670	09/09/2019	11:33:45	0.000	0.000	2089080.652	6023201.828	7190		GWS	-0.39894086496
17671	09/09/2019	11:33:46	0.000	0.000	2089080.530	6023203.739	7767		GWS	0.11032656664
17672	09/09/2019	11:33:47	0.000	0.000	2089079.764	6023206.221	8272		GWS	0.55604589585
17673	09/09/2019	11:33:48	0.000	0.000	2089078.037	6023208.417	8368		GWS	0.64077669903
17674	09/09/2019	11:33:49	0.000	0.000	2089076.056	6023207.626	8692		GWS	0.92674315975
17675	09/09/2019	11:33:50	0.000	0.000	2089074.081	6023207.555	8563		GWS	0.81288614298
17676	09/09/2019	11:33:51	0.000	0.000	2089072.336	6023208.237	6820		GWS	-0.72550750221
17677	09/09/2019	11:33:51	0.000	0.000	2089071.265	6023210.317	5377		GWS	-1.99911738747
17678	09/09/2019	11:33:52	0.000	0.000	2089070.845	6023212.575	5942		GWS	-1.50044130627
17679	09/09/2019	11:33:54	0.000	0.000	2089068.937	6023214.557	7343		GWS	-0.26390114740
17680	09/09/2019	11:33:55	0.000	0.000	2089066.962	6023216.963	7266		GWS	-0.33186231245
17681	09/09/2019	11:33:56	0.000	0.000	2089065.814	6023219.075	7096		GWS	-0.48190644307
17682	09/09/2019	11:33:56	0.000	0.000	2089064.464	6023221.396	8224		GWS	0.51368049426
17683	09/09/2019	11:33:57	0.000	0.000	2089062.523	6023222.847	8056		GWS	0.36540158870
17684	09/09/2019	11:33:58	0.000	0.000	2089061.452	6023225.070	7024		GWS	-0.54545454546
17685	09/09/2019	11:34:00	0.000	0.000	2089059.439	6023226.466	6556		GWS	-0.95851721094
17686	09/09/2019	11:34:01	0.000	0.000	2089058.223	6023228.329	6589		GWS	-0.92939099735
17687	09/09/2019	11:34:02	0.000	0.000	2089056.892	6023229.866	5471		GWS	-1.91615180936
17688	09/09/2019	11:34:03	0.000	0.000	2089055.504	6023231.072	4997		GWS	-2.33451015004
17689	09/09/2019	11:34:04	0.000	0.000	2089054.546	6023231.900	5863		GWS	-1.57016769638

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SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
17690	09/09/2019	11:34:05	0.000	0.000	2089054.481	6023232.566	6893		GWS	-0.66107678729
17691	09/09/2019	11:34:06	0.000	0.000	2089056.377	6023232.744	7663		GWS	0.01853486320
17692	09/09/2019	11:34:07	0.000	0.000	2089057.427	6023231.378	7436		GWS	-0.18181818182
17693	09/09/2019	11:34:07	0.000	0.000	2089058.671	6023230.273	7679		GWS	0.03265666372
17694	09/09/2019	11:34:09	0.000	0.000	2089060.101	6023228.165	8849		GWS	1.06531332745
17695	09/09/2019	11:34:10	0.000	0.000	2089060.882	6023227.846	8602		GWS	0.84730803177
17696	09/09/2019	11:34:11	0.000	0.000	2089061.235	6023228.802	7850		GWS	0.18358340688
17697	09/09/2019	11:34:12	0.000	0.000	2089061.094	6023231.116	8892		GWS	1.10326566637
17698	09/09/2019	11:34:12	0.000	0.000	2089059.332	6023232.629	10563		GWS	2.57811120918
17699	09/09/2019	11:34:14	0.000	0.000	2089058.315	6023234.805	10260		GWS	2.31067961165
17700	09/09/2019	11:34:15	0.000	0.000	2089056.293	6023235.027	9315		GWS	1.47661076787
17701	09/09/2019	11:34:15	0.000	0.000	2089054.536	6023235.365	9348		GWS	1.50573698147
17702	09/09/2019	11:34:17	0.000	0.000	2089053.072	6023234.728	8937		GWS	1.14298323036
17703	09/09/2019	11:34:18	0.000	0.000	2089052.180	6023236.079	8954		GWS	1.15798764342
17704	09/09/2019	11:34:18	0.000	0.000	2089050.792	6023237.471	8028		GWS	0.34068843778
17705	09/09/2019	11:34:19	0.000	0.000	2089049.981	6023239.032	8247		GWS	0.53398058252
17706	09/09/2019	11:34:21	0.000	0.000	2089048.732	6023240.676	8001		GWS	0.31685789938
17707	09/09/2019	11:34:22	0.000	0.000	2089047.623	6023242.022	8450		GWS	0.71315092674
17708	09/09/2019	11:34:23	0.000	0.000	2089046.225	6023243.822	8532		GWS	0.78552515446
17709	09/09/2019	11:34:24	0.000	0.000	2089044.825	6023245.243	8283		GWS	0.56575463372
17710	09/09/2019	11:34:24	0.000	0.000	2089043.924	6023246.951	7890		GWS	0.21888790821
17711	09/09/2019	11:34:26	0.000	0.000	2089042.289	6023248.782	7852		GWS	0.18534863195
17712	09/09/2019	11:34:27	0.000	0.000	2089041.711	6023250.832	7483		GWS	-0.14033539276
17713	09/09/2019	11:34:28	0.000	0.000	2089039.958	6023251.536	9071		GWS	1.26125330980
17714	09/09/2019	11:34:29	0.000	0.000	2089039.802	6023253.488	9017		GWS	1.21359223301
17715	09/09/2019	11:34:30	0.000	0.000	2089039.090	6023255.454	9544		GWS	1.67872903795
17716	09/09/2019	11:34:31	0.000	0.000	2089038.789	6023257.826	9886		GWS	1.98058252427
17717	09/09/2019	11:34:31	0.000	0.000	2089037.018	6023258.875	9791		GWS	1.89673433363
17718	09/09/2019	11:34:32	0.000	0.000	2089035.987	6023260.433	9755		GWS	1.86496028244
17719	09/09/2019	11:34:33	0.000	0.000	2089034.382	6023261.048	9199		GWS	1.37422771403
17720	09/09/2019	11:34:35	0.000	0.000	2089032.841	6023262.069	9199		GWS	1.37422771403
17721	09/09/2019	11:34:36	0.000	0.000	2089031.306	6023262.511	8390		GWS	0.66019417476
17722	09/09/2019	11:34:36	0.000	0.000	2089030.250	6023264.161	6927		GWS	-0.63106796117
17723	09/09/2019	11:34:38	0.000	0.000	2089028.791	6023265.131	6572		GWS	-0.94439541042
17724	09/09/2019	11:34:39	0.000	0.000	2089030.710	6023265.656	8303		GWS	0.58340688438
17725	09/09/2019	11:34:39	0.000	0.000	2089031.103	6023267.176	8051		GWS	0.36098852604
17726	09/09/2019	11:34:40	0.000	0.000	2089031.435	6023269.602	8671		GWS	0.90820829656
17727	09/09/2019	11:34:41	0.000	0.000	2089030.067	6023271.345	7087		GWS	-0.48984995587
17728	09/09/2019	11:34:42	0.000	0.000	2089028.543	6023273.516	8072		GWS	0.37952338923
17729	09/09/2019	11:34:44	0.000	0.000	2089026.234	6023273.451	7598		GWS	-0.03883495146
17730	09/09/2019	11:34:45	0.000	0.000	2089024.761	6023272.572	7269		GWS	-0.32921447485
17731	09/09/2019	11:34:46	0.000	0.000	2089023.812	6023273.292	6887		GWS	-0.66637246249
17732	09/09/2019	11:34:46	0.000	0.000	2089022.523	6023275.530	6461		GWS	-1.04236540159
17733	09/09/2019	11:34:48	0.000	0.000	2089022.128	6023277.068	5648		GWS	-1.75992939100
17734	09/09/2019	11:34:49	0.000	0.000	2089021.390	6023276.907	4587		GWS	-2.69638128861
17735	09/09/2019	11:34:50	0.000	0.000	2089021.088	6023278.573	4365		GWS	-2.89232127096
17736	09/09/2019	11:34:51	0.000	0.000	2089020.348	6023278.891	4765		GWS	-2.53927625772
17737	09/09/2019	11:34:51	0.000	0.000	2089019.245	6023279.353	5935		GWS	-1.50661959400
17738	09/09/2019	11:34:53	0.000	0.000	2089019.418	6023280.100	6905		GWS	-0.65048543689
17739	09/09/2019	11:34:54	0.000	0.000	2089020.263	6023279.678	5626		GWS	-1.77934686673
17740	09/09/2019	11:34:55	0.000	0.000	2089021.936	6023278.573	6370		GWS	-1.12268314210
17741	09/09/2019	11:34:56	0.000	0.000	2089023.084	6023277.103	6452		GWS	-1.05030891439
17742	09/09/2019	11:34:57	0.000	0.000	2089023.756	6023276.105	7403		GWS	-0.21094439541
17743	09/09/2019	11:34:58	0.000	0.000	2089024.215	6023273.630	7430		GWS	-0.18711385702
17744	09/09/2019	11:34:59	0.000	0.000	2089024.958	6023274.597	7767		GWS	0.11032656664
17745	09/09/2019	11:35:00	0.000	0.000	2089025.066	6023276.401	8602		GWS	0.84730803177
17746	09/09/2019	11:35:01	0.000	0.000	2089024.985	6023279.079	8480		GWS	0.73962930274
17747	09/09/2019	11:35:02	0.000	0.000	2089023.416	6023280.239	8510		GWS	0.76610767873
17748	09/09/2019	11:35:03	0.000	0.000	2089022.056	6023281.569	7527		GWS	-0.10150044131
17749	09/09/2019	11:35:04	0.000	0.000	2089019.789	6023281.210	7492		GWS	-0.13239187997
17750	09/09/2019	11:35:05	0.000	0.000	2089020.620	6023282.061	7453		GWS	-0.16681376876

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SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
17751	09/09/2019	11:35:06	0.000	0.000	2089019.708	6023283.099	7263		GWS	-0.33451015004
17752	09/09/2019	11:35:06	0.000	0.000	2089019.900	6023284.794	6315		GWS	-1.17122683142
17753	09/09/2019	11:35:08	0.000	0.000	2089019.220	6023286.548	6558		GWS	-0.95675198588
17754	09/09/2019	11:35:09	0.000	0.000	2089019.894	6023288.655	6829		GWS	-0.71756398941
17755	09/09/2019	11:35:10	0.000	0.000	2089018.756	6023290.643	7647		GWS	0.00441306267
17756	09/09/2019	11:35:11	0.000	0.000	2089017.678	6023292.368	7552		GWS	-0.07943512798
17757	09/09/2019	11:35:11	0.000	0.000	2089015.681	6023293.460	7738		GWS	0.08473080318
17758	09/09/2019	11:35:13	0.000	0.000	2089013.661	6023293.322	7304		GWS	-0.29832303619
17759	09/09/2019	11:35:14	0.000	0.000	2089013.648	6023294.066	7736		GWS	0.08296557811
17760	09/09/2019	11:35:15	0.000	0.000	2089013.168	6023293.407	7784		GWS	0.12533097970
17761	09/09/2019	11:35:16	0.000	0.000	2089013.264	6023293.468	7286		GWS	-0.31421006178
17762	09/09/2019	11:35:17	0.000	0.000	2089013.282	6023293.416	7281		GWS	-0.31862312445
17763	09/09/2019	11:35:18	0.000	0.000	2089013.277	6023293.326	7760		GWS	0.10414827891
17764	09/09/2019	11:35:19	0.000	0.000	2089013.485	6023293.549	7280		GWS	-0.31950573698
17765	09/09/2019	11:35:20	0.000	0.000	2089013.696	6023294.232	8090		GWS	0.39541041483
17766	09/09/2019	11:35:21	0.000	0.000	2089013.851	6023294.284	7242		GWS	-0.35304501324
17767	09/09/2019	11:35:22	0.000	0.000	2089013.541	6023294.031	7690		GWS	0.04236540159
17768	09/09/2019	11:35:23	0.000	0.000	2089013.689	6023294.673	6782		GWS	-0.75904677846
17769	09/09/2019	11:35:23	0.000	0.000	2089013.774	6023294.707	6975		GWS	-0.58870255958
17770	09/09/2019	11:35:24	0.000	0.000	2089013.826	6023294.140	6273		GWS	-1.20829655781
17771	09/09/2019	11:35:26	0.000	0.000	2089013.808	6023293.739	5982		GWS	-1.46513680494
17772	09/09/2019	11:35:26	0.000	0.000	2089013.935	6023293.896	6623		GWS	-0.89938217123
17773	09/09/2019	11:35:28	0.000	0.000	2089013.996	6023293.950	6606		GWS	-0.91438658429
17774	09/09/2019	11:35:29	0.000	0.000	2089014.135	6023293.972	7411		GWS	-0.20388349515
17775	09/09/2019	11:35:30	0.000	0.000	2089014.051	6023293.938	6112		GWS	-1.35039717564
17776	09/09/2019	11:35:31	0.000	0.000	2089014.080	6023293.979	6538		GWS	-0.97440423654
17777	09/09/2019	11:35:31	0.000	0.000	2089014.148	6023294.042	7634		GWS	-0.00706090026
17778	09/09/2019	11:35:33	0.000	0.000	2089014.009	6023293.923	7368		GWS	-0.24183583407
17779	09/09/2019	11:35:34	0.000	0.000	2089013.806	6023293.724	8202		GWS	0.49426301854
17780	09/09/2019	11:35:35	0.000	0.000	2089013.784	6023293.729	6910		GWS	-0.64607237423
17781	09/09/2019	11:35:36	0.000	0.000	2089013.829	6023293.762	6227		GWS	-1.24889673433
17782	09/09/2019	11:35:37	0.000	0.000	2089013.933	6023293.787	6400		GWS	-1.09620476611
17783	09/09/2019	11:35:38	0.000	0.000	2089013.995	6023293.741	6790		GWS	-0.75198587820
17784	09/09/2019	11:35:39	0.000	0.000	2089014.076	6023293.715	6797		GWS	-0.74580759047
17785	09/09/2019	11:35:40	0.000	0.000	2089014.077	6023293.671	6139		GWS	-1.32656663725
17786	09/09/2019	11:35:41	0.000	0.000	2089014.177	6023293.902	6424		GWS	-1.07502206531
17787	09/09/2019	11:37:44	0.000	0.000	2089012.836	6023294.852	7496		GWS	-0.12886142983
17788	09/09/2019	11:37:45	0.000	0.000	2089012.681	6023295.011	6314		GWS	-1.17210944395
17789	09/09/2019	11:37:46	0.000	0.000	2089013.807	6023295.501	7398		GWS	-0.21535745808
17790	09/09/2019	11:37:47	0.000	0.000	2089014.771	6023295.798	6829		GWS	-0.71756398941
17791	09/09/2019	11:37:48	0.000	0.000	2089014.958	6023295.638	5907		GWS	-1.53133274492
17792	09/09/2019	11:37:49	0.000	0.000	2089015.112	6023295.389	5880		GWS	-1.55516328332
17793	09/09/2019	11:37:50	0.000	0.000	2089014.407	6023296.364	6555		GWS	-0.95939982348
17794	09/09/2019	11:37:51	0.000	0.000	2089014.119	6023296.223	7938		GWS	0.26125330980
17795	09/09/2019	11:37:52	0.000	0.000	2089013.924	6023296.856	7144		GWS	-0.43954104148
17796	09/09/2019	11:37:53	0.000	0.000	2089013.472	6023297.013	6886		GWS	-0.66725507502
17797	09/09/2019	11:37:55	0.000	0.000	2089013.892	6023296.713	8231		GWS	0.51985878200
17798	09/09/2019	11:37:55	0.000	0.000	2089013.750	6023296.293	7068		GWS	-0.50661959400
17799	09/09/2019	11:37:57	0.000	0.000	2089014.001	6023296.825	7077		GWS	-0.49867608120
17800	09/09/2019	11:37:57	0.000	0.000	2089012.757	6023297.675	8519		GWS	0.77405119153
17801	09/09/2019	11:37:59	0.000	0.000	2089012.234	6023299.596	7620		GWS	-0.01941747573
17802	09/09/2019	11:37:59	0.000	0.000	2089011.401	6023300.484	6810		GWS	-0.73433362754
17803	09/09/2019	11:38:00	0.000	0.000	2089011.317	6023301.084	7331		GWS	-0.27449249779
17804	09/09/2019	11:38:01	0.000	0.000	2089011.339	6023301.054	7172		GWS	-0.41482789056
17805	09/09/2019	11:38:02	0.000	0.000	2089010.560	6023301.352	7853		GWS	0.18623124448
17806	09/09/2019	11:38:03	0.000	0.000	2089008.468	6023302.318	7183		GWS	-0.40511915269
17807	09/09/2019	11:38:04	0.000	0.000	2089006.327	6023303.142	7496		GWS	-0.12886142983
17808	09/09/2019	11:38:05	0.000	0.000	2089005.493	6023304.924	6824		GWS	-0.72197705207
17809	09/09/2019	11:38:06	0.000	0.000	2089005.273	6023304.640	6866		GWS	-0.68490732568
17810	09/09/2019	11:38:07	0.000	0.000	2089004.757	6023305.893	7776		GWS	0.11827007944
17811	09/09/2019	11:38:09	0.000	0.000	2089003.068	6023306.663	7434		GWS	-0.18358340688

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SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
17812	09/09/2019	11:38:09	0.000	0.000	2089001.586	6023307.469	7588		GWS	-0.04766107679
17813	09/09/2019	11:38:10	0.000	0.000	2089001.803	6023308.493	6607		GWS	-0.91350397176
17814	09/09/2019	11:38:11	0.000	0.000	2089001.598	6023309.073	6271		GWS	-1.21006178288
17815	09/09/2019	11:38:12	0.000	0.000	2089001.536	6023308.984	8137		GWS	0.43689320388
17816	09/09/2019	11:38:13	0.000	0.000	2089000.094	6023310.043	7734		GWS	0.08120035305
17817	09/09/2019	11:38:14	0.000	0.000	2088998.499	6023311.023	8323		GWS	0.60105913504
17818	09/09/2019	11:38:15	0.000	0.000	2088996.341	6023312.175	7661		GWS	0.01676963813
17819	09/09/2019	11:38:16	0.000	0.000	2088994.805	6023312.789	7015		GWS	-0.55339805825
17820	09/09/2019	11:38:18	0.000	0.000	2088994.748	6023312.831	7873		GWS	0.20388349515
17821	09/09/2019	11:38:18	0.000	0.000	2088995.385	6023314.973	7578		GWS	-0.05648720212
17822	09/09/2019	11:38:19	0.000	0.000	2088994.689	6023315.374	6904		GWS	-0.65136804943
17823	09/09/2019	11:38:20	0.000	0.000	2088993.803	6023315.370	6976		GWS	-0.58781994704
17824	09/09/2019	11:38:21	0.000	0.000	2088993.992	6023315.289	7204		GWS	-0.38658428950
17825	09/09/2019	11:38:22	0.000	0.000	2088994.149	6023315.295	6931		GWS	-0.62753751103
17826	09/09/2019	11:38:23	0.000	0.000	2088994.320	6023315.284	6742		GWS	-0.79435127979
17827	09/09/2019	11:38:24	0.000	0.000	2088994.371	6023315.310	6785		GWS	-0.75639894087
17828	09/09/2019	11:38:25	0.000	0.000	2088994.887	6023315.199	7066		GWS	-0.50838481906
17829	09/09/2019	11:38:27	0.000	0.000	2088996.303	6023315.661	7376		GWS	-0.23477493380
17830	09/09/2019	11:38:27	0.000	0.000	2088996.400	6023315.440	7124		GWS	-0.45719329215
17831	09/09/2019	11:38:28	0.000	0.000	2088996.040	6023315.246	7151		GWS	-0.43336275375
17832	09/09/2019	11:38:29	0.000	0.000	2088996.069	6023315.136	7307		GWS	-0.29567519859
17833	09/09/2019	11:38:30	0.000	0.000	2088995.967	6023315.472	7016		GWS	-0.55251544572
17834	09/09/2019	11:38:31	0.000	0.000	2088996.148	6023315.380	7754		GWS	0.09885260371
17835	09/09/2019	11:38:32	0.000	0.000	2088995.975	6023314.854	7008		GWS	-0.55957634598
17836	09/09/2019	11:38:33	0.000	0.000	2088996.194	6023314.872	7032		GWS	-0.53839364519
17837	09/09/2019	11:38:34	0.000	0.000	2088996.325	6023314.739	7458		GWS	-0.16240070609
17838	09/09/2019	11:38:35	0.000	0.000	2088995.416	6023314.091	7174		GWS	-0.41306266549
17839	09/09/2019	11:38:36	0.000	0.000	2088995.582	6023313.128	7313		GWS	-0.29037952339
17840	09/09/2019	11:38:37	0.000	0.000	2088994.753	6023312.955	7858		GWS	0.19064430715
17841	09/09/2019	11:38:38	0.000	0.000	2088993.906	6023313.088	7124		GWS	-0.45719329215
17842	09/09/2019	11:38:39	0.000	0.000	2088992.262	6023314.336	7481		GWS	-0.14210061783
17843	09/09/2019	11:38:40	0.000	0.000	2088991.628	6023316.164	7210		GWS	-0.38128861430
17844	09/09/2019	11:38:41	0.000	0.000	2088989.940	6023317.687	7802		GWS	0.14121800530
17845	09/09/2019	11:38:42	0.000	0.000	2088988.994	6023319.952	7620		GWS	-0.01941747573
17846	09/09/2019	11:38:43	0.000	0.000	2088987.866	6023321.785	7695		GWS	0.04677846425
17847	09/09/2019	11:38:44	0.000	0.000	2088986.256	6023322.848	6753		GWS	-0.78464254192
17848	09/09/2019	11:38:46	0.000	0.000	2088984.904	6023324.875	5318		GWS	-2.05119152692
17849	09/09/2019	11:38:46	0.000	0.000	2088983.751	6023326.458	4919		GWS	-2.40335392763
17850	09/09/2019	11:38:48	0.000	0.000	2088982.068	6023326.863	5797		GWS	-1.62842012357
17851	09/09/2019	11:38:48	0.000	0.000	2088982.689	6023327.133	7154		GWS	-0.43071491615
17852	09/09/2019	11:38:49	0.000	0.000	2088984.041	6023326.870	7248		GWS	-0.34774933804
17853	09/09/2019	11:38:50	0.000	0.000	2088985.584	6023325.697	6732		GWS	-0.80317740512
17854	09/09/2019	11:38:52	0.000	0.000	2088986.101	6023323.968	6963		GWS	-0.59929390997
17855	09/09/2019	11:38:52	0.000	0.000	2088987.365	6023323.305	7620		GWS	-0.01941747573
17856	09/09/2019	11:38:53	0.000	0.000	2088988.432	6023321.856	8085		GWS	0.39099735216
17857	09/09/2019	11:38:55	0.000	0.000	2088988.795	6023321.571	7661		GWS	0.01676963813
17858	09/09/2019	11:38:56	0.000	0.000	2088988.417	6023323.428	8815		GWS	1.03530450132
17859	09/09/2019	11:38:56	0.000	0.000	2088988.708	6023325.921	9944		GWS	2.03177405119
17860	09/09/2019	11:38:57	0.000	0.000	2088987.097	6023327.731	8966		GWS	1.16857899382
17861	09/09/2019	11:38:59	0.000	0.000	2088985.446	6023329.851	9021		GWS	1.21712268314
17862	09/09/2019	11:39:00	0.000	0.000	2088983.250	6023329.765	9365		GWS	1.52074139453
17863	09/09/2019	11:39:01	0.000	0.000	2088981.304	6023329.195	9331		GWS	1.49073256840
17864	09/09/2019	11:39:02	0.000	0.000	2088980.129	6023330.508	8392		GWS	0.66195939982
17865	09/09/2019	11:39:03	0.000	0.000	2088978.382	6023332.189	7828		GWS	0.16416593116
17866	09/09/2019	11:39:04	0.000	0.000	2088977.595	6023334.506	7417		GWS	-0.19858781995
17867	09/09/2019	11:39:05	0.000	0.000	2088976.058	6023336.281	8274		GWS	0.55781112092
17868	09/09/2019	11:39:06	0.000	0.000	2088974.674	6023338.083	8668		GWS	0.90556045896
17869	09/09/2019	11:39:07	0.000	0.000	2088973.254	6023339.935	8527		GWS	0.78111209179
17870	09/09/2019	11:39:07	0.000	0.000	2088971.560	6023341.414	7141		GWS	-0.44218887908
17871	09/09/2019	11:39:08	0.000	0.000	2088970.525	6023343.327	7275		GWS	-0.32391879965
17872	09/09/2019	11:39:10	0.000	0.000	2088968.653	6023344.913	7818		GWS	0.15533980583

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17873	09/09/2019	11:39:10	0.000	0.000	2088967.833	6023347.154	7234		GWS	-0.36010591350
17874	09/09/2019	11:39:11	0.000	0.000	2088966.282	6023349.068	7568		GWS	-0.06531332745
17875	09/09/2019	11:39:13	0.000	0.000	2088964.478	6023350.886	7022		GWS	-0.54721977052
17876	09/09/2019	11:39:13	0.000	0.000	2088963.540	6023353.159	8265		GWS	0.54986760812
17877	09/09/2019	11:39:15	0.000	0.000	2088961.579	6023354.757	8456		GWS	0.71844660194
17878	09/09/2019	11:39:15	0.000	0.000	2088960.265	6023356.868	8204		GWS	0.49602824360
17879	09/09/2019	11:39:17	0.000	0.000	2088958.897	6023359.109	7301		GWS	-0.30097087379
17880	09/09/2019	11:39:17	0.000	0.000	2088957.252	6023360.994	7705		GWS	0.05560458959
17881	09/09/2019	11:39:18	0.000	0.000	2088955.964	6023363.368	6366		GWS	-1.12621359223
17882	09/09/2019	11:39:20	0.000	0.000	2088954.218	6023364.765	6871		GWS	-0.68049426302
17883	09/09/2019	11:39:20	0.000	0.000	2088952.814	6023366.631	7747		GWS	0.09267431598
17884	09/09/2019	11:39:21	0.000	0.000	2088951.644	6023368.975	7457		GWS	-0.16328331862
17885	09/09/2019	11:39:22	0.000	0.000	2088949.863	6023370.204	7354		GWS	-0.25419240953
17886	09/09/2019	11:39:23	0.000	0.000	2088949.334	6023372.271	5498		GWS	-1.89232127096
17887	09/09/2019	11:39:25	0.000	0.000	2088947.919	6023373.166	4758		GWS	-2.54545454545
17888	09/09/2019	11:39:25	0.000	0.000	2088946.521	6023374.086	5121		GWS	-2.22506619594
17889	09/09/2019	11:39:26	0.000	0.000	2088946.127	6023374.246	6135		GWS	-1.33009708738
17890	09/09/2019	11:39:27	0.000	0.000	2088946.993	6023375.433	6963		GWS	-0.59929390997
17891	09/09/2019	11:39:28	0.000	0.000	2088948.215	6023374.301	7531		GWS	-0.09796999117
17892	09/09/2019	11:39:29	0.000	0.000	2088949.179	6023372.765	8002		GWS	0.31774051192
17893	09/09/2019	11:39:30	0.000	0.000	2088950.469	6023371.709	6860		GWS	-0.69020300088
17894	09/09/2019	11:39:31	0.000	0.000	2088951.642	6023369.942	8225		GWS	0.51456310680
17895	09/09/2019	11:39:32	0.000	0.000	2088952.036	6023368.931	7636		GWS	-0.00529567520
17896	09/09/2019	11:39:33	0.000	0.000	2088952.198	6023369.730	8659		GWS	0.89761694616
17897	09/09/2019	11:39:34	0.000	0.000	2088952.842	6023371.335	7384		GWS	-0.22771403354
17898	09/09/2019	11:39:35	0.000	0.000	2088951.895	6023373.258	8686		GWS	0.92144748455
17899	09/09/2019	11:39:36	0.000	0.000	2088951.343	6023375.499	9071		GWS	1.26125330980
17900	09/09/2019	11:39:37	0.000	0.000	2088949.719	6023376.756	9678		GWS	1.79699911739
17901	09/09/2019	11:39:38	0.000	0.000	2088947.537	6023377.345	8809		GWS	1.03000882613
17902	09/09/2019	11:39:39	0.000	0.000	2088945.938	6023377.037	8784		GWS	1.00794351280
17903	09/09/2019	11:39:40	0.000	0.000	2088944.287	6023377.330	7863		GWS	0.19505736982
17904	09/09/2019	11:39:42	0.000	0.000	2088942.970	6023378.850	8985		GWS	1.18534863195
17905	09/09/2019	11:39:43	0.000	0.000	2088941.612	6023380.548	7376		GWS	-0.23477493380
17906	09/09/2019	11:39:43	0.000	0.000	2088941.010	6023382.683	6764		GWS	-0.77493380406
17907	09/09/2019	11:39:44	0.000	0.000	2088939.295	6023384.360	7541		GWS	-0.08914386584
17908	09/09/2019	11:39:45	0.000	0.000	2088938.098	6023386.216	7795		GWS	0.13503971756
17909	09/09/2019	11:39:46	0.000	0.000	2088936.680	6023388.118	8158		GWS	0.45542806708
17910	09/09/2019	11:39:47	0.000	0.000	2088935.133	6023389.706	7409		GWS	-0.20564872021
17911	09/09/2019	11:39:48	0.000	0.000	2088933.917	6023391.827	7672		GWS	0.02647837599
17912	09/09/2019	11:39:49	0.000	0.000	2088932.442	6023392.987	8158		GWS	0.45542806708
17913	09/09/2019	11:39:50	0.000	0.000	2088931.351	6023395.154	8879		GWS	1.09179170344
17914	09/09/2019	11:39:51	0.000	0.000	2088929.782	6023397.026	9840		GWS	1.93998234775
17915	09/09/2019	11:39:52	0.000	0.000	2088928.197	6023398.535	8310		GWS	0.58958517211
17916	09/09/2019	11:39:53	0.000	0.000	2088926.880	6023400.991	7357		GWS	-0.25154457193
17917	09/09/2019	11:39:54	0.000	0.000	2088925.200	6023402.322	7749		GWS	0.09443954104
17918	09/09/2019	11:39:55	0.000	0.000	2088923.630	6023404.253	7817		GWS	0.15445719329
17919	09/09/2019	11:39:56	0.000	0.000	2088922.453	6023406.521	8554		GWS	0.80494263019
17920	09/09/2019	11:39:57	0.000	0.000	2088920.497	6023408.272	8198		GWS	0.49073256840
17921	09/09/2019	11:39:58	0.000	0.000	2088919.656	6023410.246	7689		GWS	0.04148278906
17922	09/09/2019	11:39:59	0.000	0.000	2088918.056	6023412.244	6812		GWS	-0.73256840247
17923	09/09/2019	11:40:00	0.000	0.000	2088916.107	6023414.147	7426		GWS	-0.19064430715
17924	09/09/2019	11:40:01	0.000	0.000	2088914.975	6023416.441	8743		GWS	0.97175639894
17925	09/09/2019	11:40:02	0.000	0.000	2088913.192	6023418.016	7286		GWS	-0.31421006178
17926	09/09/2019	11:40:03	0.000	0.000	2088912.350	6023419.725	5601		GWS	-1.80141218005
17927	09/09/2019	11:40:04	0.000	0.000	2088911.302	6023420.753	5175		GWS	-2.17740511915
17928	09/09/2019	11:40:05	0.000	0.000	2088909.710	6023421.611	5266		GWS	-2.09708737864
17929	09/09/2019	11:40:06	0.000	0.000	2088909.449	6023421.688	6105		GWS	-1.35657546337
17930	09/09/2019	11:40:07	0.000	0.000	2088910.402	6023422.595	5799		GWS	-1.62665489850
17931	09/09/2019	11:40:08	0.000	0.000	2088911.644	6023421.931	5954		GWS	-1.48984995587
17932	09/09/2019	11:40:09	0.000	0.000	2088912.552	6023420.512	6973		GWS	-0.59046778464
17933	09/09/2019	11:40:10	0.000	0.000	2088914.165	6023419.223	6753		GWS	-0.78464254192

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SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
17934	09/09/2019	11:40:11	0.000	0.000	2088915.513	6023418.489	8048		GWS	0.35834068844
17935	09/09/2019	11:40:12	0.000	0.000	2088916.012	6023418.773	8252		GWS	0.53839364519
17936	09/09/2019	11:40:13	0.000	0.000	2088915.432	6023420.702	9563		GWS	1.69549867608
17937	09/09/2019	11:40:14	0.000	0.000	2088914.102	6023422.580	9980		GWS	2.06354810238
17938	09/09/2019	11:40:15	0.000	0.000	2088912.991	6023424.617	10115		GWS	2.18270079435
17939	09/09/2019	11:40:16	0.000	0.000	2088911.453	6023424.663	9668		GWS	1.78817299206
17940	09/09/2019	11:40:17	0.000	0.000	2088909.256	6023424.792	9197		GWS	1.37246248897
17941	09/09/2019	11:40:18	0.000	0.000	2088907.926	6023424.439	9079		GWS	1.26831421006
17942	09/09/2019	11:40:19	0.000	0.000	2088907.561	6023424.981	7909		GWS	0.23565754634
17943	09/09/2019	11:40:20	0.000	0.000	2088909.035	6023425.369	7767		GWS	0.11032656664
17944	09/09/2019	11:40:21	0.000	0.000	2088911.398	6023425.246	8752		GWS	0.97969991174
17945	09/09/2019	11:40:22	0.000	0.000	2088913.002	6023423.744	8728		GWS	0.95851721094
17946	09/09/2019	11:40:23	0.000	0.000	2088914.853	6023422.482	7852		GWS	0.18534863195
17947	09/09/2019	11:40:24	0.000	0.000	2088915.502	6023420.484	8683		GWS	0.91879964696
17948	09/09/2019	11:40:25	0.000	0.000	2088915.420	6023418.489	8740		GWS	0.96910856134
17949	09/09/2019	11:40:26	0.000	0.000	2088915.644	6023416.416	8305		GWS	0.58517210944
17950	09/09/2019	11:40:27	0.000	0.000	2088916.272	6023416.619	8526		GWS	0.78022947926
17951	09/09/2019	11:40:28	0.000	0.000	2088915.855	6023418.749	7801		GWS	0.14033539276
17952	09/09/2019	11:40:29	0.000	0.000	2088915.397	6023421.626	9120		GWS	1.30450132392
17953	09/09/2019	11:40:30	0.000	0.000	2088913.869	6023423.653	10290		GWS	2.33715798764
17954	09/09/2019	11:40:31	0.000	0.000	2088911.950	6023424.940	9742		GWS	1.85348631951
17955	09/09/2019	11:40:32	0.000	0.000	2088909.667	6023425.539	9485		GWS	1.62665489850
17956	09/09/2019	11:40:33	0.000	0.000	2088907.268	6023425.972	8461		GWS	0.72285966461
17957	09/09/2019	11:40:34	0.000	0.000	2088906.102	6023427.765	7695		GWS	0.04677846425
17958	09/09/2019	11:40:35	0.000	0.000	2088904.497	6023429.355	7143		GWS	-0.44042365402
17959	09/09/2019	11:40:36	0.000	0.000	2088902.901	6023431.370	7996		GWS	0.31244483672
17960	09/09/2019	11:40:37	0.000	0.000	2088902.043	6023433.426	8269		GWS	0.55339805825
17961	09/09/2019	11:40:38	0.000	0.000	2088900.337	6023435.025	7557		GWS	-0.07502206531
17962	09/09/2019	11:40:39	0.000	0.000	2088899.046	6023436.970	7109		GWS	-0.47043248014
17963	09/09/2019	11:40:40	0.000	0.000	2088897.608	6023438.481	8827		GWS	1.04589585172
17964	09/09/2019	11:40:41	0.000	0.000	2088895.861	6023440.045	8206		GWS	0.49779346867
17965	09/09/2019	11:40:42	0.000	0.000	2088894.929	6023442.069	7841		GWS	0.17563989409
17966	09/09/2019	11:40:43	0.000	0.000	2088893.419	6023443.830	7570		GWS	-0.06354810238
17967	09/09/2019	11:40:44	0.000	0.000	2088892.584	6023446.002	7892		GWS	0.22065313327
17968	09/09/2019	11:40:45	0.000	0.000	2088890.796	6023447.566	8093		GWS	0.39805825243
17969	09/09/2019	11:40:46	0.000	0.000	2088889.226	6023449.498	8083		GWS	0.38923212710
17970	09/09/2019	11:40:47	0.000	0.000	2088887.879	6023451.227	7481		GWS	-0.14210061783
17971	09/09/2019	11:40:48	0.000	0.000	2088886.306	6023453.131	6760		GWS	-0.77846425419
17972	09/09/2019	11:40:49	0.000	0.000	2088885.546	6023455.312	7120		GWS	-0.46072374228
17973	09/09/2019	11:40:50	0.000	0.000	2088883.832	6023456.936	8860		GWS	1.07502206531
17974	09/09/2019	11:40:51	0.000	0.000	2088882.341	6023458.744	8275		GWS	0.55869373345
17975	09/09/2019	11:40:52	0.000	0.000	2088880.775	6023460.753	6928		GWS	-0.63018534863
17976	09/09/2019	11:40:53	0.000	0.000	2088879.019	6023461.896	8242		GWS	0.52956751986
17977	09/09/2019	11:40:54	0.000	0.000	2088878.213	6023464.164	8060		GWS	0.36893203884
17978	09/09/2019	11:40:55	0.000	0.000	2088876.950	6023465.418	7565		GWS	-0.06796116505
17979	09/09/2019	11:40:56	0.000	0.000	2088876.392	6023467.576	5611		GWS	-1.79258605472
17980	09/09/2019	11:40:57	0.000	0.000	2088874.940	6023468.106	4963		GWS	-2.36451897617
17981	09/09/2019	11:40:58	0.000	0.000	2088873.537	6023469.404	5012		GWS	-2.32127096205
17982	09/09/2019	11:40:59	0.000	0.000	2088872.368	6023469.470	6299		GWS	-1.18534863195
17983	09/09/2019	11:41:00	0.000	0.000	2088873.565	6023470.324	7125		GWS	-0.45631067961
17984	09/09/2019	11:41:01	0.000	0.000	2088874.787	6023469.717	7511		GWS	-0.11562224184
17985	09/09/2019	11:41:02	0.000	0.000	2088876.507	6023468.799	7907		GWS	0.23389232127
17986	09/09/2019	11:41:03	0.000	0.000	2088876.847	6023466.807	7376		GWS	-0.23477493380
17987	09/09/2019	11:41:04	0.000	0.000	2088878.145	6023465.920	8684		GWS	0.91968225949
17988	09/09/2019	11:41:05	0.000	0.000	2088879.010	6023464.020	8201		GWS	0.49338040600
17989	09/09/2019	11:41:06	0.000	0.000	2088879.726	6023464.887	8260		GWS	0.54545454546
17990	09/09/2019	11:41:07	0.000	0.000	2088879.536	6023466.815	9565		GWS	1.69726390115
17991	09/09/2019	11:41:08	0.000	0.000	2088878.959	6023469.445	8511		GWS	0.76699029126
17992	09/09/2019	11:41:09	0.000	0.000	2088877.609	6023470.924	8607		GWS	0.85172109444
17993	09/09/2019	11:41:10	0.000	0.000	2088875.903	6023472.343	9142		GWS	1.32391879965
17994	09/09/2019	11:41:11	0.000	0.000	2088874.235	6023472.685	8345		GWS	0.62047661077

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SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
17995	09/09/2019	11:41:12	0.000	0.000	2088873.126	6023472.105	9346		GWS	1.50397175640
17996	09/09/2019	11:41:13	0.000	0.000	2088871.988	6023471.829	9086		GWS	1.27449249779
17997	09/09/2019	11:41:14	0.000	0.000	2088871.503	6023473.170	7821		GWS	0.15798764343
17998	09/09/2019	11:41:15	0.000	0.000	2088870.033	6023474.261	6875		GWS	-0.67696381289
17999	09/09/2019	11:41:16	0.000	0.000	2088868.523	6023476.100	7688		GWS	0.04060017652
18000	09/09/2019	11:41:17	0.000	0.000	2088867.465	6023478.199	8342		GWS	0.61782877317
18001	09/09/2019	11:41:18	0.000	0.000	2088865.797	6023479.422	7725		GWS	0.07325684025
18002	09/09/2019	11:41:19	0.000	0.000	2088864.991	6023481.526	8351		GWS	0.62577228597
18003	09/09/2019	11:41:20	0.000	0.000	2088863.771	6023483.431	7728		GWS	0.07590467785
18004	09/09/2019	11:41:21	0.000	0.000	2088862.760	6023484.792	7152		GWS	-0.43248014122
18005	09/09/2019	11:41:22	0.000	0.000	2088861.561	6023486.627	7938		GWS	0.26125330980
18006	09/09/2019	11:41:23	0.000	0.000	2088859.563	6023487.770	8284		GWS	0.56663724625
18007	09/09/2019	11:41:24	0.000	0.000	2088858.441	6023489.927	6301		GWS	-1.18358340688
18008	09/09/2019	11:41:25	0.000	0.000	2088856.858	6023491.575	7425		GWS	-0.19152691968
18009	09/09/2019	11:41:26	0.000	0.000	2088855.388	6023493.460	7436		GWS	-0.18181818182
18010	09/09/2019	11:41:27	0.000	0.000	2088854.607	6023495.800	5879		GWS	-1.55604589585
18011	09/09/2019	11:41:28	0.000	0.000	2088853.014	6023497.198	7604		GWS	-0.03353927626
18012	09/09/2019	11:41:29	0.000	0.000	2088852.222	6023499.290	7882		GWS	0.21182700794
18013	09/09/2019	11:41:30	0.000	0.000	2088850.487	6023500.402	7195		GWS	-0.39452780230
18014	09/09/2019	11:41:31	0.000	0.000	2088848.865	6023501.695	6838		GWS	-0.70962047661
18015	09/09/2019	11:41:32	0.000	0.000	2088847.880	6023503.585	7289		GWS	-0.31156222418
18016	09/09/2019	11:41:33	0.000	0.000	2088846.408	6023505.135	8212		GWS	0.50308914387
18017	09/09/2019	11:41:34	0.000	0.000	2088845.598	6023507.283	7813		GWS	0.15092674316
18018	09/09/2019	11:41:35	0.000	0.000	2088843.787	6023508.472	6573		GWS	-0.94351279788
18019	09/09/2019	11:41:36	0.000	0.000	2088842.989	6023510.315	6353		GWS	-1.13768755516
18020	09/09/2019	11:41:37	0.000	0.000	2088841.330	6023511.520	5338		GWS	-2.03353927626
18021	09/09/2019	11:41:38	0.000	0.000	2088840.562	6023512.786	4322		GWS	-2.93027360989
18022	09/09/2019	11:41:39	0.000	0.000	2088839.194	6023513.762	4921		GWS	-2.40158870256
18023	09/09/2019	11:41:40	0.000	0.000	2088837.798	6023514.241	6030		GWS	-1.42277140335
18024	09/09/2019	11:41:41	0.000	0.000	2088838.587	6023514.997	6221		GWS	-1.25419240953
18025	09/09/2019	11:41:42	0.000	0.000	2088839.655	6023514.487	5665		GWS	-1.74492497793
18026	09/09/2019	11:41:43	0.000	0.000	2088841.383	6023513.776	6159		GWS	-1.30891438658
18027	09/09/2019	11:41:44	0.000	0.000	2088842.120	6023512.099	7360		GWS	-0.24889673433
18028	09/09/2019	11:41:45	0.000	0.000	2088843.959	6023511.313	7930		GWS	0.25419240953
18029	09/09/2019	11:41:46	0.000	0.000	2088844.592	6023509.024	8162		GWS	0.45895851721
18030	09/09/2019	11:41:47	0.000	0.000	2088844.870	6023508.937	7680		GWS	0.03353927626
18031	09/09/2019	11:41:48	0.000	0.000	2088845.099	6023510.227	7440		GWS	-0.17828773169
18032	09/09/2019	11:41:49	0.000	0.000	2088845.203	6023512.516	7650		GWS	0.00706090026
18033	09/09/2019	11:41:50	0.000	0.000	2088844.174	6023514.758	9052		GWS	1.24448367167
18034	09/09/2019	11:41:51	0.000	0.000	2088842.822	6023516.797	9013		GWS	1.21006178288
18035	09/09/2019	11:41:52	0.000	0.000	2088840.730	6023517.190	8703		GWS	0.93645189762
18036	09/09/2019	11:41:53	0.000	0.000	2088838.704	6023517.392	9555		GWS	1.68843777582
18037	09/09/2019	11:41:54	0.000	0.000	2088837.188	6023516.813	8898		GWS	1.10856134157
18038	09/09/2019	11:41:55	0.000	0.000	2088836.405	6023518.109	7864		GWS	0.19593998235
18039	09/09/2019	11:41:56	0.000	0.000	2088834.972	6023519.799	7006		GWS	-0.56134157105
18040	09/09/2019	11:41:57	0.000	0.000	2088833.993	6023521.669	7721		GWS	0.06972639011
18041	09/09/2019	11:41:58	0.000	0.000	2088832.665	6023523.679	7690		GWS	0.04236540159
18042	09/09/2019	11:41:59	0.000	0.000	2088830.811	6023525.086	7322		GWS	-0.28243601059
18043	09/09/2019	11:42:00	0.000	0.000	2088829.819	6023527.144	7290		GWS	-0.31067961165
18044	09/09/2019	11:42:01	0.000	0.000	2088827.946	6023528.571	7552		GWS	-0.07943512798
18045	09/09/2019	11:42:02	0.000	0.000	2088826.619	6023530.713	7738		GWS	0.08473080318
18046	09/09/2019	11:42:03	0.000	0.000	2088825.452	6023532.391	8354		GWS	0.62842012357
18047	09/09/2019	11:42:04	0.000	0.000	2088823.751	6023533.879	8208		GWS	0.49955869373
18048	09/09/2019	11:42:05	0.000	0.000	2088823.657	6023535.769	8502		GWS	0.75904677846
18049	09/09/2019	11:42:06	0.000	0.000	2088823.156	6023537.584	10315		GWS	2.35922330097
18050	09/09/2019	11:42:07	0.000	0.000	2088822.975	6023539.706	9809		GWS	1.91262135922
18051	09/09/2019	11:42:08	0.000	0.000	2088821.513	6023540.769	9892		GWS	1.98587819947
18052	09/09/2019	11:42:09	0.000	0.000	2088820.722	6023542.605	9433		GWS	1.58075904678
18053	09/09/2019	11:42:10	0.000	0.000	2088819.165	6023543.192	10338		GWS	2.37952338923
18054	09/09/2019	11:42:11	0.000	0.000	2088817.913	6023544.014	11674		GWS	3.55869373345
18055	09/09/2019	11:42:12	0.000	0.000	2088816.650	6023544.727	9158		GWS	1.33804060018

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SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
18056	09/09/2019	11:42:13	0.000	0.000	2088815.101	6023545.609	9069		GWS	1.25948808473
18057	09/09/2019	11:42:14	0.000	0.000	2088814.313	6023546.966	8657		GWS	0.89585172109
18058	09/09/2019	11:42:15	0.000	0.000	2088812.829	6023547.520	8194		GWS	0.48720211827
18059	09/09/2019	11:42:16	0.000	0.000	2088813.466	6023548.085	7628		GWS	-0.01235657546
18060	09/09/2019	11:42:17	0.000	0.000	2088814.503	6023549.528	7457		GWS	-0.16328331862
18061	09/09/2019	11:42:18	0.000	0.000	2088815.237	6023551.812	7654		GWS	0.01059135040
18062	09/09/2019	11:42:19	0.000	0.000	2088813.962	6023553.439	6923		GWS	-0.63459841130
18063	09/09/2019	11:42:20	0.000	0.000	2088812.554	6023555.384	8061		GWS	0.36981465137
18064	09/09/2019	11:42:21	0.000	0.000	2088810.470	6023555.369	6515		GWS	-0.99470432480
18065	09/09/2019	11:42:22	0.000	0.000	2088808.783	6023554.760	7658		GWS	0.01412180053
18066	09/09/2019	11:42:23	0.000	0.000	2088808.068	6023556.357	7344		GWS	-0.26301853486
18067	09/09/2019	11:42:24	0.000	0.000	2088806.483	6023557.827	6156		GWS	-1.31156222418
18068	09/09/2019	11:42:25	0.000	0.000	2088806.003	6023559.497	5743		GWS	-1.67608120035
18069	09/09/2019	11:42:26	0.000	0.000	2088804.299	6023559.981	5000		GWS	-2.33186231244
18070	09/09/2019	11:42:27	0.000	0.000	2088803.033	6023561.461	5182		GWS	-2.17122683142
18071	09/09/2019	11:42:28	0.000	0.000	2088801.883	6023561.763	6050		GWS	-1.40511915269
18072	09/09/2019	11:42:29	0.000	0.000	2088802.782	6023562.819	6918		GWS	-0.63901147396
18073	09/09/2019	11:42:30	0.000	0.000	2088804.009	6023561.641	7249		GWS	-0.34686672551
18074	09/09/2019	11:42:31	0.000	0.000	2088805.587	6023560.618	6912		GWS	-0.64430714916
18075	09/09/2019	11:42:32	0.000	0.000	2088806.826	6023559.155	7488		GWS	-0.13592233010
18076	09/09/2019	11:42:33	0.000	0.000	2088807.795	6023558.015	7902		GWS	0.22947925861
18077	09/09/2019	11:42:34	0.000	0.000	2088808.495	6023557.204	7735		GWS	0.08208296558
18078	09/09/2019	11:42:35	0.000	0.000	2088808.203	6023558.859	7874		GWS	0.20476610768
18079	09/09/2019	11:42:36	0.000	0.000	2088808.303	6023561.431	10188		GWS	2.24713150927
18080	09/09/2019	11:42:37	0.000	0.000	2088806.945	6023563.336	9027		GWS	1.22241835834
18081	09/09/2019	11:42:38	0.000	0.000	2088805.190	6023565.250	8826		GWS	1.04501323919
18082	09/09/2019	11:42:39	0.000	0.000	2088803.156	6023564.826	8656		GWS	0.89496910856
18083	09/09/2019	11:42:40	0.000	0.000	2088801.605	6023564.565	8254		GWS	0.54015887026
18084	09/09/2019	11:42:41	0.000	0.000	2088799.980	6023565.769	7613		GWS	-0.02559576346
18085	09/09/2019	11:42:42	0.000	0.000	2088798.613	6023567.645	8143		GWS	0.44218887908
18086	09/09/2019	11:42:43	0.000	0.000	2088797.565	6023570.051	8486		GWS	0.74492497794
18087	09/09/2019	11:42:44	0.000	0.000	2088795.733	6023571.793	7221		GWS	-0.37157987643
18088	09/09/2019	11:42:45	0.000	0.000	2088794.033	6023573.715	7115		GWS	-0.46513680494
18089	09/09/2019	11:42:46	0.000	0.000	2088792.740	6023575.997	7478		GWS	-0.14474845543
18090	09/09/2019	11:42:47	0.000	0.000	2088791.021	6023577.564	6939		GWS	-0.62047661077
18091	09/09/2019	11:42:48	0.000	0.000	2088789.837	6023579.576	6625		GWS	-0.89761694616
18092	09/09/2019	11:42:49	0.000	0.000	2088788.309	6023581.705	6846		GWS	-0.70255957635
18093	09/09/2019	11:42:50	0.000	0.000	2088786.618	6023583.603	6991		GWS	-0.57458075905
18094	09/09/2019	11:42:51	0.000	0.000	2088785.331	6023585.608	7807		GWS	0.14563106796
18095	09/09/2019	11:42:52	0.000	0.000	2088783.491	6023587.050	7472		GWS	-0.15004413063
18096	09/09/2019	11:42:53	0.000	0.000	2088782.137	6023589.307	8468		GWS	0.72903795234
18097	09/09/2019	11:42:54	0.000	0.000	2088780.689	6023591.177	8207		GWS	0.49867608120
18098	09/09/2019	11:42:55	0.000	0.000	2088779.277	6023593.242	7151		GWS	-0.43336275375
18099	09/09/2019	11:42:56	0.000	0.000	2088778.281	6023595.417	8508		GWS	0.76434245366
18100	09/09/2019	11:42:57	0.000	0.000	2088776.399	6023596.728	7617		GWS	-0.02206531333
18101	09/09/2019	11:42:58	0.000	0.000	2088775.082	6023598.985	8414		GWS	0.68137687555
18102	09/09/2019	11:42:59	0.000	0.000	2088773.384	6023600.292	8313		GWS	0.59223300971
18103	09/09/2019	11:43:00	0.000	0.000	2088772.101	6023601.461	7268		GWS	-0.33009708738
18104	09/09/2019	11:43:01	0.000	0.000	2088770.997	6023603.749	7787		GWS	0.12797881730
18105	09/09/2019	11:43:02	0.000	0.000	2088769.668	6023604.981	6386		GWS	-1.10856134157
18106	09/09/2019	11:43:03	0.000	0.000	2088769.290	6023607.278	5196		GWS	-2.15887025596
18107	09/09/2019	11:43:04	0.000	0.000	2088767.992	6023608.164	3950		GWS	-3.25860547220
18108	09/09/2019	11:43:05	0.000	0.000	2088766.691	6023609.932	4430		GWS	-2.83495145631
18109	09/09/2019	11:43:06	0.000	0.000	2088765.861	6023611.036	5499		GWS	-1.89143865843
18110	09/09/2019	11:43:07	0.000	0.000	2088764.897	6023612.689	6408		GWS	-1.08914386584
18111	09/09/2019	11:43:08	0.000	0.000	2088765.102	6023613.000	7572		GWS	-0.06178287732
18112	09/09/2019	11:43:09	0.000	0.000	2088766.754	6023612.109	6783		GWS	-0.75816416593
18113	09/09/2019	11:43:10	0.000	0.000	2088769.156	6023611.465	6705		GWS	-0.82700794351
18114	09/09/2019	11:43:11	0.000	0.000	2088770.405	6023609.584	8396		GWS	0.66548984996
18115	09/09/2019	11:43:12	0.000	0.000	2088771.029	6023608.431	7769		GWS	0.11209179170
18116	09/09/2019	11:43:13	0.000	0.000	2088772.155	6023607.528	6712		GWS	-0.82082965578

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SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
18117	09/09/2019	11:43:14	0.000	0.000	2088772.454	6023606.742	7078		GWS	-0.49779346867
18118	09/09/2019	11:43:15	0.000	0.000	2088772.151	6023605.787	7559		GWS	-0.07325684025
18119	09/09/2019	11:43:16	0.000	0.000	2088772.000	6023607.582	8130		GWS	0.43071491615
18120	09/09/2019	11:43:17	0.000	0.000	2088771.154	6023610.154	8392		GWS	0.66195939982
18121	09/09/2019	11:43:18	0.000	0.000	2088769.306	6023611.584	8338		GWS	0.61429832304
18122	09/09/2019	11:43:19	0.000	0.000	2088766.945	6023612.606	9494		GWS	1.63459841130
18123	09/09/2019	11:43:20	0.000	0.000	2088764.837	6023611.923	8463		GWS	0.72462488967
18124	09/09/2019	11:43:21	0.000	0.000	2088763.301	6023613.473	7395		GWS	-0.21800529568
18125	09/09/2019	11:43:22	0.000	0.000	2088761.973	6023615.652	6708		GWS	-0.82436010591
18126	09/09/2019	11:43:23	0.000	0.000	2088760.261	6023617.554	7767		GWS	0.11032656664
18127	09/09/2019	11:43:24	0.000	0.000	2088759.127	6023619.974	6922		GWS	-0.63548102383
18128	09/09/2019	11:43:25	0.000	0.000	2088757.514	6023622.192	7520		GWS	-0.10767872904
18129	09/09/2019	11:43:26	0.000	0.000	2088755.950	6023624.086	8180		GWS	0.47484554281
18130	09/09/2019	11:43:27	0.000	0.000	2088754.708	6023626.490	7055		GWS	-0.51809355693
18131	09/09/2019	11:43:28	0.000	0.000	2088752.931	6023627.916	8273		GWS	0.55692850839
18132	09/09/2019	11:43:29	0.000	0.000	2088751.615	6023629.831	7678		GWS	0.03177405119
18133	09/09/2019	11:43:30	0.000	0.000	2088750.252	6023632.061	6719		GWS	-0.81465136805
18134	09/09/2019	11:43:31	0.000	0.000	2088748.409	6023633.554	8790		GWS	1.01323918800
18135	09/09/2019	11:43:32	0.000	0.000	2088747.282	6023635.660	7987		GWS	0.30450132392
18136	09/09/2019	11:43:33	0.000	0.000	2088745.616	6023637.399	6976		GWS	-0.58781994704
18137	09/09/2019	11:43:34	0.000	0.000	2088744.060	6023639.311	7804		GWS	0.14298323036
18138	09/09/2019	11:43:35	0.000	0.000	2088742.996	6023641.800	8041		GWS	0.35216240071
18139	09/09/2019	11:43:36	0.000	0.000	2088741.233	6023643.164	7530		GWS	-0.09885260371
18140	09/09/2019	11:43:37	0.000	0.000	2088739.978	6023645.070	7582		GWS	-0.05295675199
18141	09/09/2019	11:43:38	0.000	0.000	2088738.650	6023647.125	7565		GWS	-0.06796116505
18142	09/09/2019	11:43:39	0.000	0.000	2088737.049	6023648.505	8341		GWS	0.61694616064
18143	09/09/2019	11:43:40	0.000	0.000	2088736.071	6023650.467	8235		GWS	0.52338923213
18144	09/09/2019	11:43:41	0.000	0.000	2088734.380	6023651.581	7717		GWS	0.06619593998
18145	09/09/2019	11:43:42	0.000	0.000	2088733.250	6023653.857	6139		GWS	-1.32656663725
18146	09/09/2019	11:43:43	0.000	0.000	2088732.228	6023655.679	5015		GWS	-2.31862312445
18147	09/09/2019	11:43:44	0.000	0.000	2088730.970	6023656.749	4688		GWS	-2.60723742277
18148	09/09/2019	11:43:45	0.000	0.000	2088729.752	6023657.028	5674		GWS	-1.73698146514
18149	09/09/2019	11:43:46	0.000	0.000	2088729.268	6023657.305	6394		GWS	-1.10150044131
18150	09/09/2019	11:43:47	0.000	0.000	2088730.335	6023658.106	6608		GWS	-0.91262135922
18151	09/09/2019	11:43:48	0.000	0.000	2088731.890	6023657.021	5958		GWS	-1.48631950574
18152	09/09/2019	11:43:49	0.000	0.000	2088732.762	6023655.365	6381		GWS	-1.11297440424
18153	09/09/2019	11:43:50	0.000	0.000	2088735.120	6023653.740	7265		GWS	-0.33274492498
18154	09/09/2019	11:43:51	0.000	0.000	2088736.236	6023652.939	8506		GWS	0.76257722860
18155	09/09/2019	11:43:52	0.000	0.000	2088736.130	6023655.120	8726		GWS	0.95675198588
18156	09/09/2019	11:43:53	0.000	0.000	2088735.240	6023657.414	9291		GWS	1.45542806708
18157	09/09/2019	11:43:54	0.000	0.000	2088733.496	6023659.499	8023		GWS	0.33627537511
18158	09/09/2019	11:43:55	0.000	0.000	2088731.076	6023659.979	8845		GWS	1.06178287732
18159	09/09/2019	11:43:56	0.000	0.000	2088728.798	6023660.161	8211		GWS	0.50220653133
18160	09/09/2019	11:43:57	0.000	0.000	2088727.136	6023660.980	7885		GWS	0.21447484554
18161	09/09/2019	11:43:58	0.000	0.000	2088725.422	6023662.705	7375		GWS	-0.23565754634
18162	09/09/2019	11:43:59	0.000	0.000	2088724.644	6023665.139	7784		GWS	0.12533097970
18163	09/09/2019	11:44:00	0.000	0.000	2088723.055	6023667.044	7046		GWS	-0.52603706973
18164	09/09/2019	11:44:01	0.000	0.000	2088721.711	6023669.212	7221		GWS	-0.37157987643
18165	09/09/2019	11:44:02	0.000	0.000	2088720.252	6023671.435	8585		GWS	0.83230361871
18166	09/09/2019	11:44:03	0.000	0.000	2088718.365	6023672.847	6796		GWS	-0.74669020300
18167	09/09/2019	11:44:04	0.000	0.000	2088717.332	6023675.056	6709		GWS	-0.82347749338
18168	09/09/2019	11:44:05	0.000	0.000	2088715.779	6023677.076	7917		GWS	0.24271844660
18169	09/09/2019	11:44:06	0.000	0.000	2088714.027	6023678.722	8099		GWS	0.40335392763
18170	09/09/2019	11:44:07	0.000	0.000	2088712.865	6023681.088	6645		GWS	-0.87996469550
18171	09/09/2019	11:44:08	0.000	0.000	2088711.025	6023682.901	8351		GWS	0.62577228597
18172	09/09/2019	11:44:09	0.000	0.000	2088709.514	6023684.782	9047		GWS	1.24007060900
18173	09/09/2019	11:44:10	0.000	0.000	2088708.099	6023687.001	8111		GWS	0.41394527802
18174	09/09/2019	11:44:11	0.000	0.000	2088706.214	6023688.486	8148		GWS	0.44660194175
18175	09/09/2019	11:44:12	0.000	0.000	2088704.528	6023690.564	7707		GWS	0.05736981465
18176	09/09/2019	11:44:13	0.000	0.000	2088703.639	6023692.976	6906		GWS	-0.64960282436
18177	09/09/2019	11:44:14	0.000	0.000	2088701.858	6023694.613	8236		GWS	0.52427184466

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18178	09/09/2019	11:44:15	0.000	0.000	2088700.399	6023696.680	7399		GWS	-0.21447484554
18179	09/09/2019	11:44:16	0.000	0.000	2088699.147	6023698.564	7309		GWS	-0.29390997352
18180	09/09/2019	11:44:17	0.000	0.000	2088697.486	6023699.758	7737		GWS	0.08384819064
18181	09/09/2019	11:44:18	0.000	0.000	2088696.278	6023701.524	6194		GWS	-1.27802294793
18182	09/09/2019	11:44:19	0.000	0.000	2088695.269	6023703.370	4452		GWS	-2.81553398058
18183	09/09/2019	11:44:20	0.000	0.000	2088694.064	6023703.963	4119		GWS	-3.10944395410
18184	09/09/2019	11:44:21	0.000	0.000	2088692.675	6023704.884	5175		GWS	-2.17740511915
18185	09/09/2019	11:44:22	0.000	0.000	2088692.682	6023705.272	5528		GWS	-1.86584289497
18186	09/09/2019	11:44:23	0.000	0.000	2088694.277	6023705.330	5629		GWS	-1.77669902913
18187	09/09/2019	11:44:24	0.000	0.000	2088695.259	6023704.192	6431		GWS	-1.06884377758
18188	09/09/2019	11:44:25	0.000	0.000	2088696.505	6023703.206	6827		GWS	-0.71932921448
18189	09/09/2019	11:44:26	0.000	0.000	2088697.346	6023702.174	7676		GWS	0.03000882613
18190	09/09/2019	11:44:27	0.000	0.000	2088698.441	6023700.511	8399		GWS	0.66813768756
18191	09/09/2019	11:44:28	0.000	0.000	2088699.051	6023699.420	8820		GWS	1.03971756399
18192	09/09/2019	11:44:29	0.000	0.000	2088698.915	6023700.964	8325		GWS	0.60282436011
18193	09/09/2019	11:44:30	0.000	0.000	2088699.436	6023703.465	8681		GWS	0.91703442189
18194	09/09/2019	11:44:31	0.000	0.000	2088698.028	6023705.421	8710		GWS	0.94263018535
18195	09/09/2019	11:44:32	0.000	0.000	2088695.944	6023707.377	8117		GWS	0.41924095322
18196	09/09/2019	11:44:33	0.000	0.000	2088694.072	6023708.080	8839		GWS	1.05648720212
18197	09/09/2019	11:44:34	0.000	0.000	2088692.016	6023707.560	8989		GWS	1.18887908208
18198	09/09/2019	11:44:35	0.000	0.000	2088690.823	6023708.713	7617		GWS	-0.02206531333
18199	09/09/2019	11:44:36	0.000	0.000	2088688.991	6023710.238	8414		GWS	0.68137687555
18200	09/09/2019	11:44:37	0.000	0.000	2088687.843	6023712.688	7383		GWS	-0.22859664607
18201	09/09/2019	11:44:38	0.000	0.000	2088686.513	6023715.014	7155		GWS	-0.42983230362
18202	09/09/2019	11:44:39	0.000	0.000	2088684.844	6023716.969	7548		GWS	-0.08296557811
18203	09/09/2019	11:44:40	0.000	0.000	2088683.416	6023719.400	7227		GWS	-0.36628420124
18204	09/09/2019	11:44:41	0.000	0.000	2088681.664	6023721.666	6427		GWS	-1.07237422771
18205	09/09/2019	11:44:42	0.000	0.000	2088680.036	6023723.445	6916		GWS	-0.64077669903
18206	09/09/2019	11:44:43	0.000	0.000	2088678.636	6023725.830	7849		GWS	0.18270079435
18207	09/09/2019	11:44:44	0.000	0.000	2088676.770	6023727.417	6372		GWS	-1.12091791703
18208	09/09/2019	11:44:45	0.000	0.000	2088675.433	6023729.225	7173		GWS	-0.41394527802
18209	09/09/2019	11:44:46	0.000	0.000	2088674.244	6023731.279	7313		GWS	-0.29037952339
18210	09/09/2019	11:44:47	0.000	0.000	2088672.229	6023732.732	7168		GWS	-0.41835834069
18211	09/09/2019	11:44:48	0.000	0.000	2088670.714	6023735.047	7312		GWS	-0.29126213592
18212	09/09/2019	11:44:49	0.000	0.000	2088669.005	6023737.203	7288		GWS	-0.31244483672
18213	09/09/2019	11:44:50	0.000	0.000	2088667.079	6023739.107	7372		GWS	-0.23830538394
18214	09/09/2019	11:44:51	0.000	0.000	2088666.026	6023741.392	7573		GWS	-0.06090026478
18215	09/09/2019	11:44:52	0.000	0.000	2088664.176	6023743.387	7113		GWS	-0.46690203001
18216	09/09/2019	11:44:53	0.000	0.000	2088662.231	6023745.526	6398		GWS	-1.09796999117
18217	09/09/2019	11:44:54	0.000	0.000	2088661.473	6023747.557	7059		GWS	-0.51456310680
18218	09/09/2019	11:44:55	0.000	0.000	2088660.078	6023748.775	7015		GWS	-0.55339805825
18219	09/09/2019	11:44:56	0.000	0.000	2088658.920	6023750.815	5263		GWS	-2.09973521624
18220	09/09/2019	11:44:57	0.000	0.000	2088657.357	6023752.275	5570		GWS	-1.82877316858
18221	09/09/2019	11:44:58	0.000	0.000	2088655.873	6023752.367	5818		GWS	-1.60988526037
18222	09/09/2019	11:44:59	0.000	0.000	2088656.472	6023753.456	6130		GWS	-1.33451015004
18223	09/09/2019	11:45:00	0.000	0.000	2088657.837	6023752.519	6362		GWS	-1.12974404237
18224	09/09/2019	11:45:01	0.000	0.000	2088659.253	6023751.635	7350		GWS	-0.25772285967
18225	09/09/2019	11:45:02	0.000	0.000	2088661.510	6023750.044	7867		GWS	0.19858781995
18226	09/09/2019	11:45:03	0.000	0.000	2088662.965	6023749.820	7817		GWS	0.15445719329
18227	09/09/2019	11:45:04	0.000	0.000	2088662.828	6023749.678	7834		GWS	0.16946160636
18228	09/09/2019	11:45:05	0.000	0.000	2088662.621	6023751.966	8288		GWS	0.57016769638
18229	09/09/2019	11:45:06	0.000	0.000	2088660.888	6023753.968	9392		GWS	1.54457193292
18230	09/09/2019	11:45:07	0.000	0.000	2088658.811	6023755.415	9788		GWS	1.89408649603
18231	09/09/2019	11:45:08	0.000	0.000	2088656.383	6023755.744	9647		GWS	1.76963812886
18232	09/09/2019	11:45:09	0.000	0.000	2088654.549	6023755.446	8471		GWS	0.73168578994
18233	09/09/2019	11:45:10	0.000	0.000	2088653.260	6023757.140	8388		GWS	0.65842894969
18234	09/09/2019	11:45:11	0.000	0.000	2088652.216	6023759.518	8637		GWS	0.87819947043
18235	09/09/2019	11:45:12	0.000	0.000	2088650.697	6023761.281	9599		GWS	1.72727272727
18236	09/09/2019	11:45:13	0.000	0.000	2088649.421	6023763.767	8190		GWS	0.48367166814
18237	09/09/2019	11:45:14	0.000	0.000	2088647.399	6023765.281	7717		GWS	0.06619593998
18238	09/09/2019	11:45:15	0.000	0.000	2088645.935	6023767.594	9549		GWS	1.68314210062

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18239	09/09/2019	11:45:16	0.000	0.000	2088644.270	6023769.343	7727		GWS	0.07502206531
18240	09/09/2019	11:45:17	0.000	0.000	2088642.950	6023771.127	5321		GWS	-2.04854368932
18241	09/09/2019	11:45:18	0.000	0.000	2088642.013	6023773.476	6540		GWS	-0.97263901147
18242	09/09/2019	11:45:19	0.000	0.000	2088640.269	6023774.732	8535		GWS	0.78817299206
18243	09/09/2019	11:45:20	0.000	0.000	2088639.133	6023776.587	9003		GWS	1.20123565755
18244	09/09/2019	11:45:21	0.000	0.000	2088637.668	6023778.489	8701		GWS	0.93468667255
18245	09/09/2019	11:45:22	0.000	0.000	2088636.061	6023780.248	7995		GWS	0.31156222418
18246	09/09/2019	11:45:23	0.000	0.000	2088634.982	6023782.333	8538		GWS	0.79082082966
18247	09/09/2019	11:45:24	0.000	0.000	2088633.181	6023783.710	7474		GWS	-0.14827890556
18248	09/09/2019	11:45:25	0.000	0.000	2088632.090	6023785.815	6968		GWS	-0.59488084731
18249	09/09/2019	11:45:26	0.000	0.000	2088630.461	6023787.694	7592		GWS	-0.04413062665
18250	09/09/2019	11:45:27	0.000	0.000	2088628.937	6023789.805	8228		GWS	0.51721094440
18251	09/09/2019	11:45:28	0.000	0.000	2088627.494	6023791.720	8027		GWS	0.33980582524
18252	09/09/2019	11:45:29	0.000	0.000	2088625.711	6023793.338	8486		GWS	0.74492497794
18253	09/09/2019	11:45:30	0.000	0.000	2088624.761	6023795.666	8451		GWS	0.71403353928
18254	09/09/2019	11:45:31	0.000	0.000	2088624.372	6023797.067	7453		GWS	-0.16681376876
18255	09/09/2019	11:45:32	0.000	0.000	2088624.181	6023797.789	6153		GWS	-1.31421006178
18256	09/09/2019	11:45:33	0.000	0.000	2088624.126	6023797.883	6848		GWS	-0.70079435128
18257	09/09/2019	11:45:34	0.000	0.000	2088624.248	6023797.785	6542		GWS	-0.97087378641
18258	09/09/2019	11:45:35	0.000	0.000	2088624.328	6023797.708	6225		GWS	-1.25066195940
18259	09/09/2019	11:45:36	0.000	0.000	2088624.360	6023797.759	6476		GWS	-1.02912621359
18260	09/09/2019	11:45:37	0.000	0.000	2088624.337	6023797.793	6568		GWS	-0.94792586055
18261	09/09/2019	11:45:38	0.000	0.000	2088624.336	6023797.748	6922		GWS	-0.63548102383
18262	09/09/2019	11:45:39	0.000	0.000	2088624.351	6023797.495	6650		GWS	-0.87555163283
18263	09/09/2019	11:45:40	0.000	0.000	2088623.692	6023796.857	6102		GWS	-1.35922330097
18264	09/09/2019	11:45:41	0.000	0.000	2088623.226	6023798.579	5468		GWS	-1.91879964695
18265	09/09/2019	11:45:42	0.000	0.000	2088621.905	6023799.641	4508		GWS	-2.76610767873
18266	09/09/2019	11:45:43	0.000	0.000	2088620.207	6023800.044	5153		GWS	-2.19682259488
18267	09/09/2019	11:45:44	0.000	0.000	2088620.081	6023800.340	6228		GWS	-1.24801412180
18268	09/09/2019	11:45:45	0.000	0.000	2088621.386	6023800.786	5907		GWS	-1.53133274492
18269	09/09/2019	11:45:46	0.000	0.000	2088622.985	6023799.442	7300		GWS	-0.30185348632
18270	09/09/2019	11:45:47	0.000	0.000	2088623.711	6023798.018	6175		GWS	-1.29479258605
18271	09/09/2019	11:45:48	0.000	0.000	2088625.510	6023797.620	7483		GWS	-0.14033539276
18272	09/09/2019	11:45:49	0.000	0.000	2088626.601	6023796.396	7181		GWS	-0.40688437776
18273	09/09/2019	11:45:50	0.000	0.000	2088626.783	6023797.928	8005		GWS	0.32038834952
18274	09/09/2019	11:45:51	0.000	0.000	2088625.631	6023800.326	8481		GWS	0.74051191527
18275	09/09/2019	11:45:52	0.000	0.000	2088623.656	6023801.991	8870		GWS	1.08384819064
18276	09/09/2019	11:45:53	0.000	0.000	2088621.555	6023803.648	8337		GWS	0.61341571050
18277	09/09/2019	11:45:54	0.000	0.000	2088619.567	6023803.188	8894		GWS	1.10503089144
18278	09/09/2019	11:45:55	0.000	0.000	2088618.005	6023804.077	8073		GWS	0.38040600177
18279	09/09/2019	11:45:56	0.000	0.000	2088616.202	6023805.815	7298		GWS	-0.30361871139
18280	09/09/2019	11:45:57	0.000	0.000	2088614.791	6023807.773	7974		GWS	0.29302736099
18281	09/09/2019	11:45:58	0.000	0.000	2088613.656	6023809.724	6763		GWS	-0.77581641659
18282	09/09/2019	11:45:59	0.000	0.000	2088611.878	6023811.317	7541		GWS	-0.08914386584
18283	09/09/2019	11:46:00	0.000	0.000	2088610.885	6023813.623	8185		GWS	0.47925860547
18284	09/09/2019	11:46:01	0.000	0.000	2088609.262	6023815.120	7566		GWS	-0.06707855252
18285	09/09/2019	11:46:02	0.000	0.000	2088607.898	6023817.104	7921		GWS	0.24624889673
18286	09/09/2019	11:46:03	0.000	0.000	2088606.523	6023819.253	8130		GWS	0.43071491615
18287	09/09/2019	11:46:04	0.000	0.000	2088605.150	6023821.088	7965		GWS	0.28508384819
18288	09/09/2019	11:46:05	0.000	0.000	2088604.636	6023822.444	8750		GWS	0.97793468667
18289	09/09/2019	11:46:06	0.000	0.000	2088604.894	6023823.823	8427		GWS	0.69285083848
18290	09/09/2019	11:46:07	0.000	0.000	2088604.324	6023826.193	8467		GWS	0.72815533981
18291	09/09/2019	11:46:08	0.000	0.000	2088602.552	6023828.112	9676		GWS	1.79523389232
18292	09/09/2019	11:46:09	0.000	0.000	2088600.705	6023829.772	9379		GWS	1.53309796999
18293	09/09/2019	11:46:10	0.000	0.000	2088598.757	6023830.408	9609		GWS	1.73609885260
18294	09/09/2019	11:46:11	0.000	0.000	2088597.245	6023830.957	7576		GWS	-0.05825242718
18295	09/09/2019	11:46:12	0.000	0.000	2088597.024	6023831.695	8434		GWS	0.69902912621
18296	09/09/2019	11:46:13	0.000	0.000	2088595.775	6023832.122	6788		GWS	-0.75375110327
18297	09/09/2019	11:46:14	0.000	0.000	2088594.951	6023833.044	7007		GWS	-0.56045895852
18298	09/09/2019	11:46:15	0.000	0.000	2088596.233	6023834.462	7931		GWS	0.25507502207
18299	09/09/2019	11:46:16	0.000	0.000	2088596.418	6023836.624	6483		GWS	-1.02294792586

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18300	09/09/2019	11:46:17	0.000	0.000	2088596.096	6023839.314	6930		GWS	-0.62842012357
18301	09/09/2019	11:46:18	0.000	0.000	2088594.595	6023841.563	7312		GWS	-0.29126213592
18302	09/09/2019	11:46:19	0.000	0.000	2088592.612	6023841.592	7018		GWS	-0.55075022065
18303	09/09/2019	11:46:20	0.000	0.000	2088590.568	6023841.180	7214		GWS	-0.37775816417
18304	09/09/2019	11:46:21	0.000	0.000	2088589.309	6023842.322	8103		GWS	0.40688437776
18305	09/09/2019	11:46:22	0.000	0.000	2088587.717	6023844.166	7215		GWS	-0.37687555163
18306	09/09/2019	11:46:23	0.000	0.000	2088586.680	6023845.643	5823		GWS	-1.60547219771
18307	09/09/2019	11:46:24	0.000	0.000	2088585.832	6023846.832	5238		GWS	-2.12180052957
18308	09/09/2019	11:46:25	0.000	0.000	2088584.139	6023847.837	4536		GWS	-2.74139452780
18309	09/09/2019	11:46:26	0.000	0.000	2088583.728	6023848.304	6136		GWS	-1.32921447485
18310	09/09/2019	11:46:27	0.000	0.000	2088584.284	6023848.539	7054		GWS	-0.51897616946
18311	09/09/2019	11:46:28	0.000	0.000	2088585.605	6023848.181	6095		GWS	-1.36540158870
18312	09/09/2019	11:46:29	0.000	0.000	2088587.141	6023846.653	7313		GWS	-0.29037952339
18313	09/09/2019	11:46:30	0.000	0.000	2088588.156	6023846.109	8128		GWS	0.42894969109
18314	09/09/2019	11:46:31	0.000	0.000	2088589.265	6023844.911	7282		GWS	-0.31774051192
18315	09/09/2019	11:46:32	0.000	0.000	2088589.169	6023844.800	7310		GWS	-0.29302736099
18316	09/09/2019	11:46:33	0.000	0.000	2088589.061	6023844.814	7107		GWS	-0.47219770521
18317	09/09/2019	11:46:34	0.000	0.000	2088589.103	6023844.762	7717		GWS	0.06619593998
18318	09/09/2019	11:46:35	0.000	0.000	2088589.214	6023844.658	7839		GWS	0.17387466902
18319	09/09/2019	11:46:36	0.000	0.000	2088589.569	6023843.539	7449		GWS	-0.17034421889
18320	09/09/2019	11:46:37	0.000	0.000	2088590.430	6023843.543	8162		GWS	0.45895851721
18321	09/09/2019	11:46:38	0.000	0.000	2088590.270	6023845.566	7980		GWS	0.29832303619
18322	09/09/2019	11:46:39	0.000	0.000	2088589.800	6023848.428	8835		GWS	1.05295675199
18323	09/09/2019	11:46:40	0.000	0.000	2088588.026	6023850.337	8148		GWS	0.44660194175
18324	09/09/2019	11:46:41	0.000	0.000	2088585.717	6023851.344	7287		GWS	-0.31332744925
18325	09/09/2019	11:46:42	0.000	0.000	2088583.557	6023851.494	9862		GWS	1.95939982348
18326	09/09/2019	11:46:43	0.000	0.000	2088581.848	6023851.114	8345		GWS	0.62047661077
18327	09/09/2019	11:46:44	0.000	0.000	2088580.558	6023852.847	7756		GWS	0.10061782877
18328	09/09/2019	11:46:45	0.000	0.000	2088579.079	6023855.065	7519		GWS	-0.10856134157
18329	09/09/2019	11:46:46	0.000	0.000	2088577.440	6023856.976	8719		GWS	0.95057369815
18330	09/09/2019	11:46:47	0.000	0.000	2088576.576	6023859.143	9080		GWS	1.26919682259
18331	09/09/2019	11:46:48	0.000	0.000	2088574.640	6023860.876	8180		GWS	0.47484554281
18332	09/09/2019	11:46:49	0.000	0.000	2088572.971	6023862.615	7295		GWS	-0.30626654899
18333	09/09/2019	11:46:50	0.000	0.000	2088571.744	6023864.304	7223		GWS	-0.36981465137
18334	09/09/2019	11:46:51	0.000	0.000	2088570.093	6023866.034	7236		GWS	-0.35834068844
18335	09/09/2019	11:46:52	0.000	0.000	2088568.934	6023868.417	7869		GWS	0.20035304501
18336	09/09/2019	11:46:53	0.000	0.000	2088567.195	6023870.253	7877		GWS	0.20741394528
18337	09/09/2019	11:46:54	0.000	0.000	2088565.901	6023872.100	6109		GWS	-1.35304501324
18338	09/09/2019	11:46:55	0.000	0.000	2088564.535	6023874.139	7077		GWS	-0.49867608120
18339	09/09/2019	11:46:56	0.000	0.000	2088563.253	6023875.916	7529		GWS	-0.09973521624
18340	09/09/2019	11:46:57	0.000	0.000	2088562.671	6023878.360	7372		GWS	-0.23830538394
18341	09/09/2019	11:46:58	0.000	0.000	2088561.001	6023879.839	7046		GWS	-0.52603706973
18342	09/09/2019	11:46:59	0.000	0.000	2088559.857	6023882.013	9070		GWS	1.26037069726
18343	09/09/2019	11:47:00	0.000	0.000	2088558.562	6023883.734	8357		GWS	0.63106796117
18344	09/09/2019	11:47:01	0.000	0.000	2088556.509	6023885.112	7339		GWS	-0.26743159753
18345	09/09/2019	11:47:02	0.000	0.000	2088555.165	6023887.027	7954		GWS	0.27537511033
18346	09/09/2019	11:47:03	0.000	0.000	2088553.105	6023888.309	8738		GWS	0.96734333628
18347	09/09/2019	11:47:04	0.000	0.000	2088552.875	6023890.400	7734		GWS	0.08120035305
18348	09/09/2019	11:47:05	0.000	0.000	2088551.157	6023892.260	8053		GWS	0.36275375110
18349	09/09/2019	11:47:06	0.000	0.000	2088550.242	6023892.642	5643		GWS	-1.76434245366
18350	09/09/2019	11:47:07	0.000	0.000	2088549.157	6023894.506	4689		GWS	-2.60635481024
18351	09/09/2019	11:47:08	0.000	0.000	2088548.115	6023895.282	5037		GWS	-2.29920564872
18352	09/09/2019	11:47:09	0.000	0.000	2088546.788	6023895.878	5758		GWS	-1.66284201236
18353	09/09/2019	11:47:10	0.000	0.000	2088547.730	6023896.513	6239		GWS	-1.23830538394
18354	09/09/2019	11:47:11	0.000	0.000	2088549.006	6023895.424	5340		GWS	-2.03177405119
18355	09/09/2019	11:47:12	0.000	0.000	2088550.265	6023893.883	5955		GWS	-1.48896734334
18356	09/09/2019	11:47:13	0.000	0.000	2088552.321	6023892.282	7131		GWS	-0.45101500441
18357	09/09/2019	11:47:14	0.000	0.000	2088553.610	6023891.673	8202		GWS	0.49426301854
18358	09/09/2019	11:47:15	0.000	0.000	2088553.137	6023893.334	8230		GWS	0.51897616946
18359	09/09/2019	11:47:16	0.000	0.000	2088552.518	6023895.976	8867		GWS	1.08120035305
18360	09/09/2019	11:47:17	0.000	0.000	2088551.016	6023897.647	9416		GWS	1.56575463372

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18361	09/09/2019	11:47:18	0.000	0.000	2088548.787	6023898.499	8744		GWS	0.97263901147
18362	09/09/2019	11:47:19	0.000	0.000	2088546.846	6023898.546	9296		GWS	1.45984112974
18363	09/09/2019	11:47:20	0.000	0.000	2088544.878	6023898.783	8864		GWS	1.07855251545
18364	09/09/2019	11:47:21	0.000	0.000	2088543.528	6023900.594	8786		GWS	1.00970873786
18365	09/09/2019	11:47:22	0.000	0.000	2088542.104	6023902.841	8406		GWS	0.67431597529
18366	09/09/2019	11:47:23	0.000	0.000	2088541.175	6023904.654	7981		GWS	0.29920564872
18367	09/09/2019	11:47:24	0.000	0.000	2088541.219	6023905.335	6555		GWS	-0.95939982348
18368	09/09/2019	11:47:25	0.000	0.000	2088541.055	6023905.946	6498		GWS	-1.00970873786
18369	09/09/2019	11:47:26	0.000	0.000	2088539.291	6023906.902	7564		GWS	-0.06884377758
18370	09/09/2019	11:47:27	0.000	0.000	2088537.799	6023908.609	7411		GWS	-0.20388349515
18371	09/09/2019	11:47:28	0.000	0.000	2088536.565	6023910.814	8242		GWS	0.52956751986
18372	09/09/2019	11:47:29	0.000	0.000	2088534.516	6023912.721	7400		GWS	-0.21359223301
18373	09/09/2019	11:47:30	0.000	0.000	2088533.031	6023914.950	7250		GWS	-0.34598411297
18374	09/09/2019	11:47:31	0.000	0.000	2088531.966	6023917.218	8322		GWS	0.60017652251
18375	09/09/2019	11:47:32	0.000	0.000	2088530.309	6023919.197	8440		GWS	0.70432480141
18376	09/09/2019	11:47:33	0.000	0.000	2088528.687	6023921.183	7930		GWS	0.25419240953
18377	09/09/2019	11:47:34	0.000	0.000	2088527.146	6023922.458	8282		GWS	0.56487202118
18378	09/09/2019	11:47:35	0.000	0.000	2088525.747	6023924.264	7110		GWS	-0.46954986761
18379	09/09/2019	11:47:36	0.000	0.000	2088524.657	6023924.653	7267		GWS	-0.33097969991
18380	09/09/2019	11:47:37	0.000	0.000	2088525.221	6023924.517	7487		GWS	-0.13680494263
18381	09/09/2019	11:47:38	0.000	0.000	2088525.147	6023925.034	6791		GWS	-0.75110326567
18382	09/09/2019	11:47:39	0.000	0.000	2088524.524	6023927.167	8178		GWS	0.47308031774
18383	09/09/2019	11:47:40	0.000	0.000	2088522.837	6023929.026	7384		GWS	-0.22771403354
18384	09/09/2019	11:47:41	0.000	0.000	2088521.352	6023931.152	6916		GWS	-0.64077669903
18385	09/09/2019	11:47:42	0.000	0.000	2088519.981	6023933.343	6709		GWS	-0.82347749338
18386	09/09/2019	11:47:43	0.000	0.000	2088518.071	6023934.729	7977		GWS	0.29567519859
18387	09/09/2019	11:47:44	0.000	0.000	2088516.605	6023937.101	7484		GWS	-0.13945278023
18388	09/09/2019	11:47:45	0.000	0.000	2088514.784	6023939.104	6251		GWS	-1.22771403354
18389	09/09/2019	11:47:46	0.000	0.000	2088513.977	6023940.633	7172		GWS	-0.41482789056
18390	09/09/2019	11:47:47	0.000	0.000	2088512.737	6023942.087	5044		GWS	-2.29302736099
18391	09/09/2019	11:47:48	0.000	0.000	2088511.080	6023942.975	4667		GWS	-2.62577228597
18392	09/09/2019	11:47:49	0.000	0.000	2088510.368	6023943.457	5475		GWS	-1.91262135922
18393	09/09/2019	11:47:50	0.000	0.000	2088511.393	6023943.983	6342		GWS	-1.14739629303
18394	09/09/2019	11:47:51	0.000	0.000	2088512.916	6023943.132	6955		GWS	-0.60635481024
18395	09/09/2019	11:47:52	0.000	0.000	2088513.470	6023941.440	7349		GWS	-0.25860547220
18396	09/09/2019	11:47:53	0.000	0.000	2088514.749	6023939.588	7417		GWS	-0.19858781995
18397	09/09/2019	11:47:54	0.000	0.000	2088516.342	6023937.781	7704		GWS	0.05472197705
18398	09/09/2019	11:47:55	0.000	0.000	2088516.009	6023937.076	6906		GWS	-0.64960282436
18399	09/09/2019	11:47:56	0.000	0.000	2088516.171	6023938.060	8476		GWS	0.73609885260
18400	09/09/2019	11:47:57	0.000	0.000	2088516.303	6023940.163	8689		GWS	0.92409532215
18401	09/09/2019	11:47:58	0.000	0.000	2088516.130	6023942.993	9072		GWS	1.26213592233
18402	09/09/2019	11:47:59	0.000	0.000	2088514.405	6023944.997	9528		GWS	1.66460723742
18403	09/09/2019	11:48:00	0.000	0.000	2088512.559	6023946.432	8832		GWS	1.05030891439
18404	09/09/2019	11:48:01	0.000	0.000	2088510.382	6023946.520	8478		GWS	0.73786407767
18405	09/09/2019	11:48:02	0.000	0.000	2088508.544	6023946.264	7999		GWS	0.31509267432
18406	09/09/2019	11:48:03	0.000	0.000	2088507.444	6023948.134	7999		GWS	0.31509267432
18407	09/09/2019	11:48:04	0.000	0.000	2088505.932	6023949.888	7910		GWS	0.23654015887
18408	09/09/2019	11:48:05	0.000	0.000	2088504.964	6023951.749	7557		GWS	-0.07502206531
18409	09/09/2019	11:48:06	0.000	0.000	2088503.519	6023953.583	8099		GWS	0.40335392763
18410	09/09/2019	11:48:07	0.000	0.000	2088502.023	6023955.146	7545		GWS	-0.08561341571
18411	09/09/2019	11:48:08	0.000	0.000	2088500.775	6023956.994	6656		GWS	-0.87025595764
18412	09/09/2019	11:48:09	0.000	0.000	2088498.884	6023958.292	7544		GWS	-0.08649602824
18413	09/09/2019	11:48:10	0.000	0.000	2088497.954	6023959.458	7556		GWS	-0.07590467785
18414	09/09/2019	11:48:11	0.000	0.000	2088498.185	6023960.125	7469		GWS	-0.15269196823
18415	09/09/2019	11:48:12	0.000	0.000	2088499.802	6023961.895	8107		GWS	0.41041482789
18416	09/09/2019	11:48:13	0.000	0.000	2088502.122	6023961.418	7546		GWS	-0.08473080318
18417	09/09/2019	11:48:14	0.000	0.000	2088504.189	6023962.679	8036		GWS	0.34774933804
18418	09/09/2019	11:48:15	0.000	0.000	2088506.571	6023964.498	8849		GWS	1.06531332745
18419	09/09/2019	11:48:16	0.000	0.000	2088508.825	6023965.447	6742		GWS	-0.79435127979
18420	09/09/2019	11:48:17	0.000	0.000	2088509.752	6023967.040	8165		GWS	0.46160635481
18421	09/09/2019	11:48:18	0.000	0.000	2088510.259	6023967.475	7441		GWS	-0.17740511915

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SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
18422	09/09/2019	11:48:19	0.000	0.000	2088509.694	6023966.539	7020		GWS	-0.54898499559
18423	09/09/2019	11:48:20	0.000	0.000	2088509.160	6023965.511	7185		GWS	-0.40335392763
18424	09/09/2019	11:48:21	0.000	0.000	2088509.743	6023964.970	7406		GWS	-0.20829655781
18425	09/09/2019	11:49:42	0.000	0.000	2088512.513	6023964.699	7672		GWS	0.02647837599
18426	09/09/2019	11:49:43	0.000	0.000	2088512.813	6023964.807	7408		GWS	-0.20653133275
18427	09/09/2019	11:49:44	0.000	0.000	2088512.784	6023964.916	7162		GWS	-0.42365401589
18428	09/09/2019	11:49:45	0.000	0.000	2088512.750	6023964.946	7070		GWS	-0.50485436893
18429	09/09/2019	11:49:46	0.000	0.000	2088512.845	6023964.837	6657		GWS	-0.86937334510
18430	09/09/2019	11:49:47	0.000	0.000	2088512.111	6023964.419	7094		GWS	-0.48367166814
18431	09/09/2019	11:49:48	0.000	0.000	2088512.967	6023963.198	6723		GWS	-0.81112091792
18432	09/09/2019	11:49:49	0.000	0.000	2088512.730	6023961.811	6930		GWS	-0.62842012357
18433	09/09/2019	11:49:50	0.000	0.000	2088513.225	6023960.111	7282		GWS	-0.31774051192
18434	09/09/2019	11:49:51	0.000	0.000	2088512.506	6023957.934	7460		GWS	-0.16063548102
18435	09/09/2019	11:49:52	0.000	0.000	2088512.212	6023955.833	8075		GWS	0.38217122683
18436	09/09/2019	11:49:53	0.000	0.000	2088511.670	6023953.426	8648		GWS	0.88790820830
18437	09/09/2019	11:49:54	0.000	0.000	2088510.233	6023951.965	9064		GWS	1.25507502207
18438	09/09/2019	11:49:55	0.000	0.000	2088509.627	6023950.036	7883		GWS	0.21270962048
18439	09/09/2019	11:49:56	0.000	0.000	2088508.310	6023950.403	8210		GWS	0.50132391880
18440	09/09/2019	11:49:57	0.000	0.000	2088506.347	6023950.423	6762		GWS	-0.77669902913
18441	09/09/2019	11:49:58	0.000	0.000	2088505.324	6023951.485	6181		GWS	-1.28949691086
18442	09/09/2019	11:49:59	0.000	0.000	2088505.210	6023952.536	6285		GWS	-1.19770520741
18443	09/09/2019	11:50:00	0.000	0.000	2088505.059	6023952.436	7301		GWS	-0.30097087379
18444	09/09/2019	11:50:01	0.000	0.000	2088504.618	6023952.079	6835		GWS	-0.71226831421
18445	09/09/2019	11:50:02	0.000	0.000	2088504.052	6023951.959	6809		GWS	-0.73521624007
18446	09/09/2019	11:50:03	0.000	0.000	2088503.356	6023953.515	7312		GWS	-0.29126213592
18447	09/09/2019	11:50:04	0.000	0.000	2088502.160	6023954.998	6598		GWS	-0.92144748455
18448	09/09/2019	11:50:05	0.000	0.000	2088501.680	6023955.796	6179		GWS	-1.29126213592
18449	09/09/2019	11:50:06	0.000	0.000	2088501.744	6023956.013	6285		GWS	-1.19770520741
18450	09/09/2019	11:50:07	0.000	0.000	2088501.797	6023955.941	7001		GWS	-0.56575463372
18451	09/09/2019	11:50:08	0.000	0.000	2088501.464	6023955.735	7720		GWS	0.06884377758
18452	09/09/2019	11:50:09	0.000	0.000	2088500.804	6023955.795	6820		GWS	-0.72550750221
18453	09/09/2019	11:50:10	0.000	0.000	2088501.041	6023956.497	6382		GWS	-1.11209179170
18454	09/09/2019	11:50:11	0.000	0.000	2088500.850	6023957.193	8435		GWS	0.69991173875
18455	09/09/2019	11:50:12	0.000	0.000	2088499.347	6023958.413	8288		GWS	0.57016769638
18456	09/09/2019	11:50:13	0.000	0.000	2088497.755	6023960.336	9302		GWS	1.46513680494
18457	09/09/2019	11:50:14	0.000	0.000	2088496.812	6023962.713	7815		GWS	0.15269196823
18458	09/09/2019	11:50:15	0.000	0.000	2088495.171	6023964.486	7683		GWS	0.03618711386
18459	09/09/2019	11:50:16	0.000	0.000	2088493.645	6023966.393	7321		GWS	-0.28331862312
18460	09/09/2019	11:50:17	0.000	0.000	2088492.338	6023968.489	7740		GWS	0.08649602824
18461	09/09/2019	11:50:18	0.000	0.000	2088490.516	6023970.399	6975		GWS	-0.58870255958
18462	09/09/2019	11:50:19	0.000	0.000	2088489.167	6023972.588	7293		GWS	-0.30803177405
18463	09/09/2019	11:50:20	0.000	0.000	2088487.458	6023975.088	7883		GWS	0.21270962048
18464	09/09/2019	11:50:21	0.000	0.000	2088485.578	6023976.768	8991		GWS	1.19064430715
18465	09/09/2019	11:50:22	0.000	0.000	2088484.149	6023978.895	7527		GWS	-0.10150044131
18466	09/09/2019	11:50:23	0.000	0.000	2088482.817	6023981.187	7072		GWS	-0.50308914387
18467	09/09/2019	11:50:24	0.000	0.000	2088481.019	6023982.260	7258		GWS	-0.33892321271
18468	09/09/2019	11:50:25	0.000	0.000	2088479.677	6023984.288	7484		GWS	-0.13945278023
18469	09/09/2019	11:50:26	0.000	0.000	2088477.835	6023986.223	6911		GWS	-0.64518976170
18470	09/09/2019	11:50:27	0.000	0.000	2088476.945	6023987.869	5531		GWS	-1.86319505737
18471	09/09/2019	11:50:28	0.000	0.000	2088475.924	6023989.366	4844		GWS	-2.46954986761
18472	09/09/2019	11:50:29	0.000	0.000	2088474.474	6023990.127	4779		GWS	-2.52691968226
18473	09/09/2019	11:50:30	0.000	0.000	2088474.054	6023990.220	5328		GWS	-2.04236540159
18474	09/09/2019	11:50:31	0.000	0.000	2088474.062	6023991.253	5793		GWS	-1.63195057370
18475	09/09/2019	11:50:32	0.000	0.000	2088474.645	6023990.693	4782		GWS	-2.52427184466
18476	09/09/2019	11:50:33	0.000	0.000	2088476.240	6023989.881	5442		GWS	-1.94174757282
18477	09/09/2019	11:50:34	0.000	0.000	2088477.391	6023988.025	6091		GWS	-1.36893203883
18478	09/09/2019	11:50:35	0.000	0.000	2088478.712	6023986.597	6892		GWS	-0.66195939982
18479	09/09/2019	11:50:36	0.000	0.000	2088478.675	6023984.749	7933		GWS	0.25684024713
18480	09/09/2019	11:50:37	0.000	0.000	2088479.442	6023985.906	8193		GWS	0.48631950574
18481	09/09/2019	11:50:38	0.000	0.000	2088479.873	6023988.526	7838		GWS	0.17299205649
18482	09/09/2019	11:50:39	0.000	0.000	2088478.904	6023990.753	9429		GWS	1.57722859665

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SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
18483	09/09/2019	11:50:40	0.000	0.000	2088477.156	6023992.916	7907		GWS	0.23389232127
18484	09/09/2019	11:50:41	0.000	0.000	2088474.830	6023993.488	8546		GWS	0.79788172992
18485	09/09/2019	11:50:42	0.000	0.000	2088472.785	6023994.124	8556		GWS	0.80670785525
18486	09/09/2019	11:50:43	0.000	0.000	2088471.182	6023995.389	7209		GWS	-0.38217122683
18487	09/09/2019	11:50:44	0.000	0.000	2088469.469	6023997.354	6932		GWS	-0.62665489850
18488	09/09/2019	11:50:45	0.000	0.000	2088468.305	6023999.702	7523		GWS	-0.10503089144
18489	09/09/2019	11:50:46	0.000	0.000	2088466.916	6024001.697	8180		GWS	0.47484554281
18490	09/09/2019	11:50:47	0.000	0.000	2088465.485	6024003.593	7565		GWS	-0.06796116505
18491	09/09/2019	11:50:48	0.000	0.000	2088464.860	6024006.015	7741		GWS	0.08737864078
18492	09/09/2019	11:50:49	0.000	0.000	2088463.400	6024007.745	7650		GWS	0.00706090026
18493	09/09/2019	11:50:50	0.000	0.000	2088461.926	6024009.757	7196		GWS	-0.39364518976
18494	09/09/2019	11:50:51	0.000	0.000	2088460.081	6024011.659	7949		GWS	0.27096204766
18495	09/09/2019	11:50:52	0.000	0.000	2088458.495	6024013.349	8677		GWS	0.91350397176
18496	09/09/2019	11:50:53	0.000	0.000	2088457.505	6024015.567	7479		GWS	-0.14386584290
18497	09/09/2019	11:50:54	0.000	0.000	2088455.705	6024017.050	7629		GWS	-0.01147396293
18498	09/09/2019	11:50:55	0.000	0.000	2088454.155	6024019.068	7367		GWS	-0.24271844660
18499	09/09/2019	11:50:56	0.000	0.000	2088452.399	6024020.508	7451		GWS	-0.16857899382
18500	09/09/2019	11:50:57	0.000	0.000	2088450.485	6024022.122	7653		GWS	0.00970873786
18501	09/09/2019	11:50:58	0.000	0.000	2088448.944	6024024.114	6803		GWS	-0.74051191527
18502	09/09/2019	11:50:59	0.000	0.000	2088447.016	6024025.188	7670		GWS	0.02471315093
18503	09/09/2019	11:51:00	0.000	0.000	2088445.624	6024027.553	7617		GWS	-0.02206531333
18504	09/09/2019	11:51:01	0.000	0.000	2088444.048	6024029.246	8174		GWS	0.46954986761
18505	09/09/2019	11:51:02	0.000	0.000	2088442.430	6024031.091	7323		GWS	-0.28155339806
18506	09/09/2019	11:51:03	0.000	0.000	2088441.388	6024033.442	6540		GWS	-0.97263901147
18507	09/09/2019	11:51:04	0.000	0.000	2088440.263	6024035.190	5325		GWS	-2.04501323919
18508	09/09/2019	11:51:05	0.000	0.000	2088438.921	6024036.333	4495		GWS	-2.77758164166
18509	09/09/2019	11:51:06	0.000	0.000	2088437.467	6024037.572	4061		GWS	-3.16063548102
18510	09/09/2019	11:51:07	0.000	0.000	2088436.509	6024037.988	5489		GWS	-1.90026478376
18511	09/09/2019	11:51:08	0.000	0.000	2088437.767	6024038.810	5848		GWS	-1.58340688438
18512	09/09/2019	11:51:09	0.000	0.000	2088439.164	6024037.663	5943		GWS	-1.49955869373
18513	09/09/2019	11:51:10	0.000	0.000	2088440.119	6024036.055	7418		GWS	-0.19770520741
18514	09/09/2019	11:51:11	0.000	0.000	2088441.334	6024035.359	7914		GWS	0.24007060900
18515	09/09/2019	11:51:12	0.000	0.000	2088442.372	6024033.556	7588		GWS	-0.04766107679
18516	09/09/2019	11:51:13	0.000	0.000	2088442.837	6024033.008	8047		GWS	0.35745807591
18517	09/09/2019	11:51:14	0.000	0.000	2088442.666	6024034.541	7621		GWS	-0.01853486320
18518	09/09/2019	11:51:15	0.000	0.000	2088442.406	6024037.194	9555		GWS	1.68843777582
18519	09/09/2019	11:51:16	0.000	0.000	2088440.849	6024038.894	8328		GWS	0.60547219771
18520	09/09/2019	11:51:17	0.000	0.000	2088439.265	6024040.597	9162		GWS	1.34157105031
18521	09/09/2019	11:51:18	0.000	0.000	2088437.123	6024041.021	8950		GWS	1.15445719329
18522	09/09/2019	11:51:19	0.000	0.000	2088435.059	6024041.465	7847		GWS	0.18093556929
18523	09/09/2019	11:51:20	0.000	0.000	2088434.282	6024042.941	6821		GWS	-0.72462488967
18524	09/09/2019	11:51:21	0.000	0.000	2088434.048	6024043.146	6415		GWS	-1.08296557811
18525	09/09/2019	11:51:22	0.000	0.000	2088433.947	6024043.333	5885		GWS	-1.55075022065
18526	09/09/2019	11:51:23	0.000	0.000	2088433.118	6024044.064	6527		GWS	-0.98411297440
18527	09/09/2019	11:51:24	0.000	0.000	2088431.739	6024045.796	6941		GWS	-0.61871138570
18528	09/09/2019	11:51:25	0.000	0.000	2088430.186	6024047.079	7315		GWS	-0.28861429832
18529	09/09/2019	11:51:26	0.000	0.000	2088429.159	6024048.995	7829		GWS	0.16504854369
18530	09/09/2019	11:51:27	0.000	0.000	2088427.510	6024050.519	7207		GWS	-0.38393645190
18531	09/09/2019	11:51:28	0.000	0.000	2088427.204	6024052.152	6571		GWS	-0.94527802295
18532	09/09/2019	11:51:29	0.000	0.000	2088427.510	6024054.065	7462		GWS	-0.15887025596
18533	09/09/2019	11:51:30	0.000	0.000	2088428.848	6024055.754	7415		GWS	-0.20035304501
18534	09/09/2019	11:51:31	0.000	0.000	2088430.772	6024057.021	7944		GWS	0.26654898500
18535	09/09/2019	11:51:32	0.000	0.000	2088431.948	6024058.708	7866		GWS	0.19770520741
18536	09/09/2019	11:51:33	0.000	0.000	2088434.067	6024059.608	8116		GWS	0.41835834069
18537	09/09/2019	11:51:34	0.000	0.000	2088435.832	6024061.194	7819		GWS	0.15622241836
18538	09/09/2019	11:51:35	0.000	0.000	2088437.575	6024062.518	7864		GWS	0.19593998235
18539	09/09/2019	11:51:36	0.000	0.000	2088439.676	6024063.738	7846		GWS	0.18005295675
18540	09/09/2019	11:51:37	0.000	0.000	2088441.409	6024065.527	7271		GWS	-0.32744924978
18541	09/09/2019	11:51:38	0.000	0.000	2088443.439	6024066.714	7908		GWS	0.23477493380
18542	09/09/2019	11:51:39	0.000	0.000	2088445.567	6024068.026	7347		GWS	-0.26037069726
18543	09/09/2019	11:51:40	0.000	0.000	2088447.056	6024069.871	7356		GWS	-0.25242718447

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SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
18544	09/09/2019	11:51:41	0.000	0.000	2088448.973	6024071.268	7629		GWS	-0.01147396293
18545	09/09/2019	11:51:42	0.000	0.000	2088450.538	6024073.236	6317		GWS	-1.16946160635
18546	09/09/2019	11:51:43	0.000	0.000	2088452.387	6024074.768	6469		GWS	-1.03530450132
18547	09/09/2019	11:51:44	0.000	0.000	2088454.686	6024075.367	7197		GWS	-0.39276257723
18548	09/09/2019	11:51:45	0.000	0.000	2088456.287	6024076.886	7859		GWS	0.19152691968
18549	09/09/2019	11:51:46	0.000	0.000	2088458.156	6024078.153	8415		GWS	0.68225948809
18550	09/09/2019	11:51:47	0.000	0.000	2088460.111	6024079.633	7173		GWS	-0.41394527802
18551	09/09/2019	11:51:48	0.000	0.000	2088461.793	6024081.395	6653		GWS	-0.87290379523
18552	09/09/2019	11:51:49	0.000	0.000	2088463.931	6024082.555	7213		GWS	-0.37864077670
18553	09/09/2019	11:51:50	0.000	0.000	2088465.174	6024084.278	7863		GWS	0.19505736982
18554	09/09/2019	11:51:51	0.000	0.000	2088466.061	6024085.464	8115		GWS	0.41747572816
18555	09/09/2019	11:51:52	0.000	0.000	2088467.304	6024085.204	6738		GWS	-0.79788172992
18556	09/09/2019	11:51:53	0.000	0.000	2088468.916	6024086.127	7324		GWS	-0.28067078553
18557	09/09/2019	11:51:54	0.000	0.000	2088469.431	6024086.166	6661		GWS	-0.86584289497
18558	09/09/2019	11:51:55	0.000	0.000	2088469.050	6024084.164	6307		GWS	-1.17828773169
18559	09/09/2019	11:51:56	0.000	0.000	2088470.060	6024082.148	7487		GWS	-0.13680494263
18560	09/09/2019	11:51:57	0.000	0.000	2088471.388	6024080.815	6911		GWS	-0.64518976170
18561	09/09/2019	11:51:58	0.000	0.000	2088472.649	6024080.825	6018		GWS	-1.43336275375
18562	09/09/2019	11:51:59	0.000	0.000	2088472.896	6024081.013	5912		GWS	-1.52691968226
18563	09/09/2019	11:52:00	0.000	0.000	2088472.059	6024079.994	5952		GWS	-1.49161518094
18564	09/09/2019	11:52:01	0.000	0.000	2088472.991	6024077.979	5637		GWS	-1.76963812886
18565	09/09/2019	11:52:02	0.000	0.000	2088474.863	6024076.453	5773		GWS	-1.64960282436
18566	09/09/2019	11:52:03	0.000	0.000	2088476.629	6024074.817	6292		GWS	-1.19152691968
18567	09/09/2019	11:52:04	0.000	0.000	2088478.431	6024073.360	6673		GWS	-0.85525154457
18568	09/09/2019	11:52:05	0.000	0.000	2088479.225	6024071.804	5607		GWS	-1.79611650485
18569	09/09/2019	11:52:06	0.000	0.000	2088480.243	6024070.929	4676		GWS	-2.61782877317
18570	09/09/2019	11:52:07	0.000	0.000	2088481.282	6024070.025	4355		GWS	-2.90114739629
18571	09/09/2019	11:52:08	0.000	0.000	2088482.326	6024069.657	5975		GWS	-1.47131509267
18572	09/09/2019	11:52:09	0.000	0.000	2088481.965	6024068.911	7535		GWS	-0.09443954104
18573	09/09/2019	11:52:10	0.000	0.000	2088481.262	6024068.403	6983		GWS	-0.58164165931
18574	09/09/2019	11:52:11	0.000	0.000	2088480.349	6024069.178	6876		GWS	-0.67608120035
18575	09/09/2019	11:52:12	0.000	0.000	2088479.462	6024070.762	6969		GWS	-0.59399823478
18576	09/09/2019	11:52:13	0.000	0.000	2088478.170	6024071.786	7442		GWS	-0.17652250662
18577	09/09/2019	11:52:14	0.000	0.000	2088476.968	6024073.509	7980		GWS	0.29832303619
18578	09/09/2019	11:52:15	0.000	0.000	2088476.471	6024073.652	8205		GWS	0.49691085613
18579	09/09/2019	11:52:16	0.000	0.000	2088476.902	6024072.306	7391		GWS	-0.22153574581
18580	09/09/2019	11:52:17	0.000	0.000	2088476.583	6024069.856	9108		GWS	1.29390997352
18581	09/09/2019	11:52:18	0.000	0.000	2088477.591	6024067.894	8787		GWS	1.01059135040
18582	09/09/2019	11:52:19	0.000	0.000	2088479.119	6024066.176	8766		GWS	0.99205648720
18583	09/09/2019	11:52:20	0.000	0.000	2088481.133	6024066.890	8371		GWS	0.64342453663
18584	09/09/2019	11:52:21	0.000	0.000	2088482.580	6024066.442	8692		GWS	0.92674315975
18585	09/09/2019	11:52:22	0.000	0.000	2088484.280	6024066.418	7123		GWS	-0.45807590468
18586	09/09/2019	11:52:23	0.000	0.000	2088485.013	6024065.935	6251		GWS	-1.22771403354
18587	09/09/2019	11:52:24	0.000	0.000	2088486.365	6024065.239	5689		GWS	-1.72374227714
18588	09/09/2019	11:52:25	0.000	0.000	2088487.028	6024064.004	5796		GWS	-1.62930273610
18589	09/09/2019	11:52:26	0.000	0.000	2088487.748	6024063.155	6212		GWS	-1.26213592233
18590	09/09/2019	11:52:27	0.000	0.000	2088488.187	6024062.880	5603		GWS	-1.79964695499
18591	09/09/2019	11:52:28	0.000	0.000	2088489.231	6024061.959	5844		GWS	-1.58693733451
18592	09/09/2019	11:52:29	0.000	0.000	2088489.747	6024060.688	6017		GWS	-1.43424536628
18593	09/09/2019	11:52:30	0.000	0.000	2088490.017	6024059.850	5826		GWS	-1.60282436011
18594	09/09/2019	11:52:31	0.000	0.000	2088490.687	6024059.093	5842		GWS	-1.58870255958
18595	09/09/2019	11:52:32	0.000	0.000	2088491.152	6024058.922	6630		GWS	-0.89320388350
18596	09/09/2019	11:52:33	0.000	0.000	2088491.932	6024058.087	7447		GWS	-0.17210944395
18597	09/09/2019	11:52:34	0.000	0.000	2088492.714	6024056.843	7022		GWS	-0.54721977052
18598	09/09/2019	11:52:35	0.000	0.000	2088493.395	6024056.413	6345		GWS	-1.14474845543
18599	09/09/2019	11:52:36	0.000	0.000	2088492.405	6024054.944	6476		GWS	-1.02912621359
18600	09/09/2019	11:52:37	0.000	0.000	2088493.508	6024053.496	7979		GWS	0.29744042365
18601	09/09/2019	11:52:38	0.000	0.000	2088494.894	6024052.492	6735		GWS	-0.80052956752
18602	09/09/2019	11:52:39	0.000	0.000	2088495.396	6024050.839	6393		GWS	-1.10238305384
18603	09/09/2019	11:52:40	0.000	0.000	2088496.929	6024049.479	6908		GWS	-0.64783759929
18604	09/09/2019	11:52:41	0.000	0.000	2088497.883	6024047.456	6797		GWS	-0.74580759047

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SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
18605	09/09/2019	11:52:42	0.000	0.000	2088498.581	6024046.169	6529		GWS	-0.98234774934
18606	09/09/2019	11:52:43	0.000	0.000	2088499.060	6024044.551	7422		GWS	-0.19417475728
18607	09/09/2019	11:52:44	0.000	0.000	2088499.461	6024044.053	7255		GWS	-0.34157105031
18608	09/09/2019	11:52:45	0.000	0.000	2088499.403	6024044.061	7424		GWS	-0.19240953222
18609	09/09/2019	11:52:46	0.000	0.000	2088499.411	6024043.943	6446		GWS	-1.05560458959
18610	09/09/2019	11:52:47	0.000	0.000	2088499.468	6024043.816	6891		GWS	-0.66284201236
18611	09/09/2019	11:52:48	0.000	0.000	2088499.921	6024043.600	8622		GWS	0.86496028244
18612	09/09/2019	11:52:49	0.000	0.000	2088501.063	6024042.337	7435		GWS	-0.18270079435
18613	09/09/2019	11:52:50	0.000	0.000	2088503.142	6024041.467	6839		GWS	-0.70873786408
18614	09/09/2019	11:52:51	0.000	0.000	2088504.398	6024039.877	6719		GWS	-0.81465136805
18615	09/09/2019	11:52:52	0.000	0.000	2088505.645	6024038.404	6585		GWS	-0.93292144749
18616	09/09/2019	11:52:53	0.000	0.000	2088506.742	6024037.067	7046		GWS	-0.52603706973
18617	09/09/2019	11:52:54	0.000	0.000	2088508.159	6024036.390	7311		GWS	-0.29214474846
18618	09/09/2019	11:52:55	0.000	0.000	2088507.206	6024034.855	7587		GWS	-0.04854368932
18619	09/09/2019	11:52:56	0.000	0.000	2088507.929	6024033.851	6757		GWS	-0.78111209179
18620	09/09/2019	11:52:57	0.000	0.000	2088506.671	6024032.739	6549		GWS	-0.96469549868
18621	09/09/2019	11:52:58	0.000	0.000	2088506.301	6024032.712	7697		GWS	0.04854368932
18622	09/09/2019	11:52:59	0.000	0.000	2088506.292	6024032.742	8314		GWS	0.59311562224
18623	09/09/2019	11:53:00	0.000	0.000	2088506.980	6024032.454	7958		GWS	0.27890556046
18624	09/09/2019	11:53:01	0.000	0.000	2088507.906	6024031.418	8349		GWS	0.62400706090
18625	09/09/2019	11:53:02	0.000	0.000	2088508.839	6024030.938	8387		GWS	0.65754633716
18626	09/09/2019	11:53:03	0.000	0.000	2088508.965	6024030.828	6566		GWS	-0.94969108561
18627	09/09/2019	11:53:04	0.000	0.000	2088508.957	6024030.824	8031		GWS	0.34333627538
18628	09/09/2019	11:53:05	0.000	0.000	2088508.833	6024030.731	8308		GWS	0.58781994704
18629	09/09/2019	11:53:06	0.000	0.000	2088508.050	6024030.568	8647		GWS	0.88702559576
18630	09/09/2019	11:53:07	0.000	0.000	2088506.913	6024030.495	7561		GWS	-0.07149161518
18631	09/09/2019	11:53:08	0.000	0.000	2088508.398	6024030.037	7680		GWS	0.03353927626
18632	09/09/2019	11:53:09	0.000	0.000	2088509.696	6024030.536	7800		GWS	0.13945278023
18633	09/09/2019	11:53:10	0.000	0.000	2088509.827	6024030.329	7890		GWS	0.21888790821
18634	09/09/2019	11:53:11	0.000	0.000	2088509.701	6024030.167	8242		GWS	0.52956751986
18635	09/09/2019	11:53:12	0.000	0.000	2088509.529	6024030.113	7970		GWS	0.28949691086
18636	09/09/2019	11:53:13	0.000	0.000	2088509.509	6024030.142	8502		GWS	0.75904677846
18637	09/09/2019	11:53:14	0.000	0.000	2088509.500	6024030.107	7405		GWS	-0.20917917034
18638	09/09/2019	11:53:15	0.000	0.000	2088509.544	6024030.093	6861		GWS	-0.68932038835
18639	09/09/2019	11:53:16	0.000	0.000	2088509.540	6024030.090	7385		GWS	-0.22683142101
18640	09/09/2019	11:53:17	0.000	0.000	2088509.558	6024030.075	7036		GWS	-0.53486319506
18641	09/09/2019	11:53:18	0.000	0.000	2088509.553	6024030.060	7999		GWS	0.31509267432
18642	09/09/2019	11:53:19	0.000	0.000	2088509.533	6024030.063	7159		GWS	-0.42630185349
18643	09/09/2019	11:53:20	0.000	0.000	2088509.514	6024030.112	7790		GWS	0.13062665490
18644	09/09/2019	11:53:21	0.000	0.000	2088509.500	6024030.112	7435		GWS	-0.18270079435
18645	09/09/2019	11:53:22	0.000	0.000	2088509.484	6024030.114	7079		GWS	-0.49691085613
18646	09/09/2019	11:53:23	0.000	0.000	2088509.437	6024030.147	7290		GWS	-0.31067961165
18647	09/09/2019	11:53:24	0.000	0.000	2088509.827	6024030.326	7912		GWS	0.23830538394
18648	09/09/2019	11:53:25	0.000	0.000	2088509.715	6024029.950	7528		GWS	-0.10061782877
18649	09/09/2019	11:53:26	0.000	0.000	2088509.546	6024029.780	6832		GWS	-0.71491615181
18650	09/09/2019	11:53:27	0.000	0.000	2088509.483	6024029.682	7588		GWS	-0.04766107679
18651	09/09/2019	11:53:28	0.000	0.000	2088509.458	6024029.682	7537		GWS	-0.09267431598
18652	09/09/2019	11:53:29	0.000	0.000	2088509.443	6024029.688	7104		GWS	-0.47484554281
18653	09/09/2019	11:53:30	0.000	0.000	2088509.368	6024029.791	7416		GWS	-0.19947043248
18654	09/09/2019	11:53:31	0.000	0.000	2088509.336	6024029.885	7914		GWS	0.24007060900
18655	09/09/2019	11:53:32	0.000	0.000	2088509.616	6024029.479	7858		GWS	0.19064430715
18656	09/09/2019	11:53:33	0.000	0.000	2088509.128	6024030.420	7724		GWS	0.07237422771
18657	09/09/2019	11:53:34	0.000	0.000	2088508.816	6024030.439	7301		GWS	-0.30097087379
18658	09/09/2019	11:54:44	0.000	0.000	2088508.974	6024030.713	6267		GWS	-1.21359223301
18659	09/09/2019	11:54:45	0.000	0.000	2088509.206	6024030.471	6727		GWS	-0.80759046779
18660	09/09/2019	11:54:46	0.000	0.000	2088509.246	6024030.283	6841		GWS	-0.70697263901
18661	09/09/2019	11:54:47	0.000	0.000	2088509.180	6024030.325	7140		GWS	-0.44307149162
18662	09/09/2019	11:54:48	0.000	0.000	2088509.167	6024030.341	6825		GWS	-0.72109443954
18663	09/09/2019	11:54:49	0.000	0.000	2088509.518	6024030.773	7046		GWS	-0.52603706973
18664	09/09/2019	11:54:50	0.000	0.000	2088510.329	6024029.820	6411		GWS	-1.08649602824
18665	09/09/2019	11:54:51	0.000	0.000	2088511.716	6024029.389	7573		GWS	-0.06090026478

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SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
18666	09/09/2019	11:54:52	0.000	0.000	2088512.650	6024028.034	7233		GWS	-0.36098852604
18667	09/09/2019	11:54:53	0.000	0.000	2088513.421	6024026.644	6038		GWS	-1.41571050309
18668	09/09/2019	11:54:54	0.000	0.000	2088514.666	6024024.922	6449		GWS	-1.05295675199
18669	09/09/2019	11:54:55	0.000	0.000	2088516.454	6024023.904	5763		GWS	-1.65842894969
18670	09/09/2019	11:54:56	0.000	0.000	2088517.500	6024022.731	5034		GWS	-2.30185348632
18671	09/09/2019	11:54:57	0.000	0.000	2088519.191	6024022.126	5441		GWS	-1.94263018535
18672	09/09/2019	11:54:58	0.000	0.000	2088518.905	6024021.326	6743		GWS	-0.79346866726
18673	09/09/2019	11:54:59	0.000	0.000	2088517.670	6024021.277	7116		GWS	-0.46425419241
18674	09/09/2019	11:55:00	0.000	0.000	2088516.297	6024021.924	6369		GWS	-1.12356575463
18675	09/09/2019	11:55:01	0.000	0.000	2088515.644	6024023.686	7142		GWS	-0.44130626655
18676	09/09/2019	11:55:02	0.000	0.000	2088514.740	6024024.331	7785		GWS	0.12621359223
18677	09/09/2019	11:55:03	0.000	0.000	2088513.866	6024025.895	7346		GWS	-0.26125330980
18678	09/09/2019	11:55:04	0.000	0.000	2088513.777	6024025.585	8166		GWS	0.46248896734
18679	09/09/2019	11:55:05	0.000	0.000	2088514.062	6024024.490	8731		GWS	0.96116504854
18680	09/09/2019	11:55:06	0.000	0.000	2088514.029	6024022.022	8512		GWS	0.76787290380
18681	09/09/2019	11:55:07	0.000	0.000	2088515.702	6024020.230	8008		GWS	0.32303618711
18682	09/09/2019	11:55:08	0.000	0.000	2088518.158	6024019.249	7432		GWS	-0.18534863195
18683	09/09/2019	11:55:09	0.000	0.000	2088519.738	6024018.971	6838		GWS	-0.70962047661
18684	09/09/2019	11:55:10	0.000	0.000	2088521.637	6024019.200	7079		GWS	-0.49691085613
18685	09/09/2019	11:55:11	0.000	0.000	2088520.767	6024018.765	6300		GWS	-1.18446601942
18686	09/09/2019	11:55:12	0.000	0.000	2088518.795	6024017.337	6555		GWS	-0.95939982348
18687	09/09/2019	11:55:13	0.000	0.000	2088516.369	6024015.537	8088		GWS	0.39364518976
18688	09/09/2019	11:55:14	0.000	0.000	2088513.622	6024013.718	7992		GWS	0.30891438658
18689	09/09/2019	11:55:15	0.000	0.000	2088511.723	6024011.785	7308		GWS	-0.29479258606
18690	09/09/2019	11:55:16	0.000	0.000	2088509.803	6024009.869	8367		GWS	0.63989408650
18691	09/09/2019	11:55:17	0.000	0.000	2088507.325	6024008.263	8781		GWS	1.00529567520
18692	09/09/2019	11:55:18	0.000	0.000	2088505.500	6024006.118	8015		GWS	0.32921447485
18693	09/09/2019	11:55:19	0.000	0.000	2088504.186	6024004.082	8513		GWS	0.76875551633
18694	09/09/2019	11:55:20	0.000	0.000	2088503.365	6024001.973	7378		GWS	-0.23300970874
18695	09/09/2019	11:55:21	0.000	0.000	2088503.368	6023999.670	8594		GWS	0.84024713151
18696	09/09/2019	11:55:22	0.000	0.000	2088502.212	6023998.348	8388		GWS	0.65842894969
18697	09/09/2019	11:55:23	0.000	0.000	2088500.535	6023997.576	7977		GWS	0.29567519859
18698	09/09/2019	11:55:24	0.000	0.000	2088498.708	6023998.086	8054		GWS	0.36363636364
18699	09/09/2019	11:55:25	0.000	0.000	2088497.331	6023999.216	8673		GWS	0.90997352162
18700	09/09/2019	11:55:26	0.000	0.000	2088496.682	6024001.055	8888		GWS	1.09973521624
18701	09/09/2019	11:55:27	0.000	0.000	2088497.379	6024002.761	8552		GWS	0.80317740512
18702	09/09/2019	11:55:28	0.000	0.000	2088498.423	6024004.013	7748		GWS	0.09355692851
18703	09/09/2019	11:55:29	0.000	0.000	2088500.291	6024004.085	8327		GWS	0.60458958517
18704	09/09/2019	11:55:30	0.000	0.000	2088502.305	6024003.681	8051		GWS	0.36098852604
18705	09/09/2019	11:55:31	0.000	0.000	2088503.024	6024002.110	8103		GWS	0.40688437776
18706	09/09/2019	11:55:32	0.000	0.000	2088503.168	6024000.212	7875		GWS	0.20564872021
18707	09/09/2019	11:55:33	0.000	0.000	2088502.278	6023999.550	8088		GWS	0.39364518976
18708	09/09/2019	11:55:34	0.000	0.000	2088501.491	6023999.405	7392		GWS	-0.22065313327
18709	09/09/2019	11:55:35	0.000	0.000	2088499.520	6023999.606	7908		GWS	0.23477493380
18710	09/09/2019	11:55:36	0.000	0.000	2088498.977	6024000.556	7767		GWS	0.11032656664
18711	09/09/2019	11:55:37	0.000	0.000	2088498.984	6024002.068	7911		GWS	0.23742277140
18712	09/09/2019	11:55:38	0.000	0.000	2088499.751	6024002.048	7108		GWS	-0.47131509267
18713	09/09/2019	11:55:39	0.000	0.000	2088500.919	6024001.199	6127		GWS	-1.33715798764
18714	09/09/2019	11:55:40	0.000	0.000	2088499.845	6024000.007	8251		GWS	0.53751103266
18715	09/09/2019	11:55:41	0.000	0.000	2088499.968	6023999.398	7822		GWS	0.15887025596
18716	09/09/2019	11:55:42	0.000	0.000	2088500.380	6023999.219	7265		GWS	-0.33274492498
18717	09/09/2019	11:55:43	0.000	0.000	2088502.045	6024000.191	8296		GWS	0.57722859665
18718	09/09/2019	11:55:44	0.000	0.000	2088504.687	6024002.750	8194		GWS	0.48720211827
18719	09/09/2019	11:55:45	0.000	0.000	2088507.385	6024005.229	8468		GWS	0.72903795234
18720	09/09/2019	11:55:46	0.000	0.000	2088509.958	6024007.155	7937		GWS	0.26037069726
18721	09/09/2019	11:55:47	0.000	0.000	2088512.119	6024009.279	8044		GWS	0.35481023831
18722	09/09/2019	11:55:48	0.000	0.000	2088514.128	6024011.468	7561		GWS	-0.07149161518
18723	09/09/2019	11:55:49	0.000	0.000	2088516.446	6024013.417	7680		GWS	0.03353927626
18724	09/09/2019	11:55:50	0.000	0.000	2088518.229	6024015.598	7530		GWS	-0.09885260371
18725	09/09/2019	11:55:51	0.000	0.000	2088520.081	6024016.907	7882		GWS	0.21182700794
18726	09/09/2019	11:55:52	0.000	0.000	2088521.929	6024017.524	8060		GWS	0.36893203884

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SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
18727	09/09/2019	11:55:53	0.000	0.000	2088521.840	6024017.968	7835		GWS	0.17034421889
18728	09/09/2019	11:55:54	0.000	0.000	2088520.641	6024018.309	7088		GWS	-0.48896734334
18729	09/09/2019	11:55:55	0.000	0.000	2088520.746	6024018.230	7202		GWS	-0.38834951456
18730	09/09/2019	11:55:56	0.000	0.000	2088522.013	6024016.467	6930		GWS	-0.62842012357
18731	09/09/2019	11:55:57	0.000	0.000	2088523.926	6024015.374	6862		GWS	-0.68843777582
18732	09/09/2019	11:55:58	0.000	0.000	2088524.953	6024013.103	7445		GWS	-0.17387466902
18733	09/09/2019	11:55:59	0.000	0.000	2088526.633	6024011.585	7351		GWS	-0.25684024713
18734	09/09/2019	11:56:00	0.000	0.000	2088528.360	6024009.499	6877		GWS	-0.67519858782
18735	09/09/2019	11:56:01	0.000	0.000	2088529.850	6024007.288	7578		GWS	-0.05648720212
18736	09/09/2019	11:56:02	0.000	0.000	2088531.344	6024005.125	7262		GWS	-0.33539276258
18737	09/09/2019	11:56:03	0.000	0.000	2088532.566	6024003.012	7785		GWS	0.12621359223
18738	09/09/2019	11:56:04	0.000	0.000	2088534.461	6024001.454	7226		GWS	-0.36716681377
18739	09/09/2019	11:56:05	0.000	0.000	2088535.525	6023999.231	7236		GWS	-0.35834068844
18740	09/09/2019	11:56:06	0.000	0.000	2088536.992	6023997.439	7359		GWS	-0.24977934687
18741	09/09/2019	11:56:07	0.000	0.000	2088538.666	6023996.211	6939		GWS	-0.62047661077
18742	09/09/2019	11:56:08	0.000	0.000	2088540.026	6023993.890	8095		GWS	0.39982347749
18743	09/09/2019	11:56:09	0.000	0.000	2088541.564	6023992.092	8293		GWS	0.57458075905
18744	09/09/2019	11:56:10	0.000	0.000	2088542.867	6023990.325	7743		GWS	0.08914386584
18745	09/09/2019	11:56:11	0.000	0.000	2088543.942	6023988.318	7785		GWS	0.12621359223
18746	09/09/2019	11:56:12	0.000	0.000	2088545.595	6023986.762	7616		GWS	-0.02294792586
18747	09/09/2019	11:56:13	0.000	0.000	2088546.616	6023984.679	7934		GWS	0.25772285967
18748	09/09/2019	11:56:14	0.000	0.000	2088548.296	6023982.782	7473		GWS	-0.14916151809
18749	09/09/2019	11:56:15	0.000	0.000	2088549.611	6023980.558	6908		GWS	-0.64783759929
18750	09/09/2019	11:56:16	0.000	0.000	2088551.465	6023978.225	6617		GWS	-0.90467784643
18751	09/09/2019	11:56:17	0.000	0.000	2088552.502	6023977.573	6184		GWS	-1.28684907326
18752	09/09/2019	11:56:18	0.000	0.000	2088553.436	6023975.707	5672		GWS	-1.73874669020
18753	09/09/2019	11:56:19	0.000	0.000	2088554.920	6023975.072	4588		GWS	-2.69549867608
18754	09/09/2019	11:56:20	0.000	0.000	2088556.447	6023974.428	5146		GWS	-2.20300088261
18755	09/09/2019	11:56:21	0.000	0.000	2088556.604	6023974.191	5767		GWS	-1.65489849956
18756	09/09/2019	11:56:22	0.000	0.000	2088555.320	6023973.363	6506		GWS	-1.00264783760
18757	09/09/2019	11:56:23	0.000	0.000	2088554.128	6023974.458	6846		GWS	-0.70255957635
18758	09/09/2019	11:56:24	0.000	0.000	2088552.784	6023975.738	8221		GWS	0.51103265666
18759	09/09/2019	11:56:25	0.000	0.000	2088551.792	6023976.717	7485		GWS	-0.13857016770
18760	09/09/2019	11:56:26	0.000	0.000	2088551.198	6023977.643	8831		GWS	1.04942630185
18761	09/09/2019	11:56:27	0.000	0.000	2088550.784	6023979.467	8448		GWS	0.71138570168
18762	09/09/2019	11:56:28	0.000	0.000	2088550.141	6023978.697	7902		GWS	0.22947925861
18763	09/09/2019	11:56:29	0.000	0.000	2088549.912	6023976.732	8845		GWS	1.06178287732
18764	09/09/2019	11:56:30	0.000	0.000	2088550.555	6023974.507	10101		GWS	2.17034421889
18765	09/09/2019	11:56:31	0.000	0.000	2088551.723	6023972.184	10505		GWS	2.52691968226
18766	09/09/2019	11:56:32	0.000	0.000	2088553.301	6023971.373	9166		GWS	1.34510150044
18767	09/09/2019	11:56:33	0.000	0.000	2088555.524	6023971.039	8021		GWS	0.33451015004
18768	09/09/2019	11:56:34	0.000	0.000	2088557.031	6023971.564	7405		GWS	-0.20917917034
18769	09/09/2019	11:56:35	0.000	0.000	2088558.166	6023970.206	6702		GWS	-0.82965578111
18770	09/09/2019	11:56:36	0.000	0.000	2088559.828	6023968.536	7242		GWS	-0.35304501324
18771	09/09/2019	11:56:37	0.000	0.000	2088560.873	6023966.668	6910		GWS	-0.64607237423
18772	09/09/2019	11:56:38	0.000	0.000	2088562.327	6023965.100	6557		GWS	-0.95763459841
18773	09/09/2019	11:56:39	0.000	0.000	2088563.926	6023963.350	7309		GWS	-0.29390997352
18774	09/09/2019	11:56:40	0.000	0.000	2088563.977	6023962.271	6237		GWS	-1.24007060900
18775	09/09/2019	11:56:41	0.000	0.000	2088564.083	6023962.285	7319		GWS	-0.28508384819
18776	09/09/2019	11:57:27	0.000	0.000	2088563.169	6023961.897	5908		GWS	-1.53045013239
18777	09/09/2019	11:57:28	0.000	0.000	2088563.583	6023961.742	5950		GWS	-1.49338040600
18778	09/09/2019	11:57:29	0.000	0.000	2088564.278	6023962.160	6107		GWS	-1.35481023831
18779	09/09/2019	11:57:30	0.000	0.000	2088563.843	6023962.282	6626		GWS	-0.89673433363
18780	09/09/2019	11:57:31	0.000	0.000	2088563.753	6023962.385	5976		GWS	-1.47043248014
18781	09/09/2019	11:57:32	0.000	0.000	2088564.469	6023962.710	6096		GWS	-1.36451897617
18782	09/09/2019	11:57:33	0.000	0.000	2088564.536	6023961.574	6654		GWS	-0.87202118270
18783	09/09/2019	11:57:34	0.000	0.000	2088564.976	6023959.868	6943		GWS	-0.61694616064
18784	09/09/2019	11:57:35	0.000	0.000	2088565.440	6023958.304	6056		GWS	-1.39982347749
18785	09/09/2019	11:57:36	0.000	0.000	2088565.895	6023955.987	6006		GWS	-1.44395410415
18786	09/09/2019	11:57:37	0.000	0.000	2088567.461	6023953.979	7232		GWS	-0.36187113857
18787	09/09/2019	11:57:38	0.000	0.000	2088569.021	6023952.307	6938		GWS	-0.62135922330

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SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
18788	09/09/2019	11:57:39	0.000	0.000	2088571.182	6023951.399	6834		GWS	-0.71315092674
18789	09/09/2019	11:57:40	0.000	0.000	2088572.471	6023951.410	6808		GWS	-0.73609885260
18790	09/09/2019	11:57:41	0.000	0.000	2088573.079	6023950.137	7972		GWS	0.29126213592
18791	09/09/2019	11:57:42	0.000	0.000	2088574.318	6023948.646	6193		GWS	-1.27890556046
18792	09/09/2019	11:57:43	0.000	0.000	2088575.523	6023946.396	7008		GWS	-0.55957634598
18793	09/09/2019	11:57:44	0.000	0.000	2088577.330	6023944.754	7992		GWS	0.30891438658
18794	09/09/2019	11:57:45	0.000	0.000	2088578.990	6023942.897	7428		GWS	-0.18887908208
18795	09/09/2019	11:57:46	0.000	0.000	2088580.378	6023940.727	7497		GWS	-0.12797881730
18796	09/09/2019	11:57:47	0.000	0.000	2088582.203	6023938.935	7694		GWS	0.04589585172
18797	09/09/2019	11:57:48	0.000	0.000	2088583.267	6023936.733	7203		GWS	-0.38746690203
18798	09/09/2019	11:57:49	0.000	0.000	2088585.052	6023935.309	7560		GWS	-0.07237422771
18799	09/09/2019	11:57:50	0.000	0.000	2088586.499	6023933.158	6960		GWS	-0.60194174757
18800	09/09/2019	11:57:51	0.000	0.000	2088588.121	6023931.535	7500		GWS	-0.12533097970
18801	09/09/2019	11:57:52	0.000	0.000	2088589.293	6023929.950	6345		GWS	-1.14474845543
18802	09/09/2019	11:57:53	0.000	0.000	2088590.241	6023928.200	5259		GWS	-2.10326566637
18803	09/09/2019	11:57:54	0.000	0.000	2088591.528	6023927.444	4713		GWS	-2.58517210944
18804	09/09/2019	11:57:55	0.000	0.000	2088592.910	6023926.772	5568		GWS	-1.83053839365
18805	09/09/2019	11:57:56	0.000	0.000	2088592.535	6023926.403	6230		GWS	-1.24624889673
18806	09/09/2019	11:57:57	0.000	0.000	2088590.734	6023926.156	7437		GWS	-0.18093556929
18807	09/09/2019	11:57:58	0.000	0.000	2088589.593	6023927.621	7289		GWS	-0.31156222418
18808	09/09/2019	11:57:59	0.000	0.000	2088588.724	6023928.988	6862		GWS	-0.68843777582
18809	09/09/2019	11:58:00	0.000	0.000	2088587.016	6023931.186	7595		GWS	-0.04148278906
18810	09/09/2019	11:58:01	0.000	0.000	2088586.243	6023930.694	7418		GWS	-0.19770520741
18811	09/09/2019	11:58:02	0.000	0.000	2088586.698	6023929.182	7944		GWS	0.26654898500
18812	09/09/2019	11:58:03	0.000	0.000	2088586.794	6023926.484	8526		GWS	0.78022947926
18813	09/09/2019	11:58:04	0.000	0.000	2088588.343	6023924.668	8491		GWS	0.74933804060
18814	09/09/2019	11:58:05	0.000	0.000	2088590.880	6023923.931	7312		GWS	-0.29126213592
18815	09/09/2019	11:58:06	0.000	0.000	2088592.869	6023923.460	8008		GWS	0.32303618711
18816	09/09/2019	11:58:07	0.000	0.000	2088594.787	6023923.428	6712		GWS	-0.82082965578
18817	09/09/2019	11:58:08	0.000	0.000	2088595.744	6023921.536	6508		GWS	-1.00088261253
18818	09/09/2019	11:58:09	0.000	0.000	2088597.390	6023919.630	7267		GWS	-0.33097969991
18819	09/09/2019	11:58:10	0.000	0.000	2088599.012	6023917.780	7426		GWS	-0.19064430715
18820	09/09/2019	11:58:11	0.000	0.000	2088599.956	6023915.492	6986		GWS	-0.57899382171
18821	09/09/2019	11:58:12	0.000	0.000	2088601.732	6023913.564	7596		GWS	-0.04060017652
18822	09/09/2019	11:58:13	0.000	0.000	2088603.299	6023911.493	6999		GWS	-0.56751985878
18823	09/09/2019	11:58:14	0.000	0.000	2088604.908	6023909.722	7089		GWS	-0.48808473080
18824	09/09/2019	11:58:15	0.000	0.000	2088606.451	6023908.131	6092		GWS	-1.36804942630
18825	09/09/2019	11:58:16	0.000	0.000	2088607.447	6023906.076	6169		GWS	-1.30008826125
18826	09/09/2019	11:58:17	0.000	0.000	2088608.430	6023904.266	5763		GWS	-1.65842894969
18827	09/09/2019	11:58:18	0.000	0.000	2088609.081	6023902.073	6369		GWS	-1.12356575463
18828	09/09/2019	11:58:19	0.000	0.000	2088610.244	6023900.304	5763		GWS	-1.65842894969
18829	09/09/2019	11:58:20	0.000	0.000	2088610.806	6023897.837	6781		GWS	-0.75992939100
18830	09/09/2019	11:58:21	0.000	0.000	2088612.723	6023896.647	6765		GWS	-0.77405119153
18831	09/09/2019	11:58:22	0.000	0.000	2088613.918	6023894.789	6761		GWS	-0.77758164166
18832	09/09/2019	11:58:23	0.000	0.000	2088615.553	6023894.078	6560		GWS	-0.95498676081
18833	09/09/2019	11:58:24	0.000	0.000	2088616.934	6023892.704	7735		GWS	0.08208296558
18834	09/09/2019	11:58:25	0.000	0.000	2088618.709	6023891.258	8623		GWS	0.86584289497
18835	09/09/2019	11:58:26	0.000	0.000	2088620.285	6023889.663	7196		GWS	-0.39364518976
18836	09/09/2019	11:58:27	0.000	0.000	2088621.571	6023887.631	7559		GWS	-0.07325684025
18837	09/09/2019	11:58:28	0.000	0.000	2088622.956	6023886.007	7349		GWS	-0.25860547220
18838	09/09/2019	11:58:29	0.000	0.000	2088624.271	6023883.912	7447		GWS	-0.17210944395
18839	09/09/2019	11:58:30	0.000	0.000	2088625.595	6023882.478	6301		GWS	-1.18358340688
18840	09/09/2019	11:58:31	0.000	0.000	2088627.027	6023880.885	4868		GWS	-2.44836716681
18841	09/09/2019	11:58:32	0.000	0.000	2088628.354	6023879.527	4568		GWS	-2.71315092674
18842	09/09/2019	11:58:33	0.000	0.000	2088629.588	6023879.002	5479		GWS	-1.90909090909
18843	09/09/2019	11:58:34	0.000	0.000	2088628.592	6023878.055	5700		GWS	-1.71403353928
18844	09/09/2019	11:58:35	0.000	0.000	2088627.434	6023878.856	5703		GWS	-1.71138570168
18845	09/09/2019	11:58:36	0.000	0.000	2088626.130	6023880.323	6238		GWS	-1.23918799647
18846	09/09/2019	11:58:37	0.000	0.000	2088624.809	6023881.768	7649		GWS	0.00617828773
18847	09/09/2019	11:58:38	0.000	0.000	2088622.998	6023882.474	7972		GWS	0.29126213592
18848	09/09/2019	11:58:39	0.000	0.000	2088623.064	6023881.515	7843		GWS	0.17740511915

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SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
18849	09/09/2019	11:58:40	0.000	0.000	2088623.331	6023879.355	9040		GWS	1.23389232127
18850	09/09/2019	11:58:41	0.000	0.000	2088624.978	6023877.229	8470		GWS	0.73080317741
18851	09/09/2019	11:58:42	0.000	0.000	2088627.494	6023876.368	8507		GWS	0.76345984113
18852	09/09/2019	11:58:43	0.000	0.000	2088629.307	6023876.033	8156		GWS	0.45366284201
18853	09/09/2019	11:58:44	0.000	0.000	2088631.000	6023875.994	8339		GWS	0.61518093557
18854	09/09/2019	11:58:45	0.000	0.000	2088631.787	6023874.784	6735		GWS	-0.80052956752
18855	09/09/2019	11:58:46	0.000	0.000	2088631.227	6023873.172	7473		GWS	-0.14916151809
18856	09/09/2019	11:58:47	0.000	0.000	2088629.765	6023871.316	8168		GWS	0.46425419241
18857	09/09/2019	11:58:48	0.000	0.000	2088627.336	6023869.971	8432		GWS	0.69726390115
18858	09/09/2019	11:58:49	0.000	0.000	2088624.962	6023868.566	7748		GWS	0.09355692851
18859	09/09/2019	11:58:50	0.000	0.000	2088622.817	6023867.179	7337		GWS	-0.26919682260
18860	09/09/2019	11:58:51	0.000	0.000	2088620.365	6023866.287	8284		GWS	0.56663724625
18861	09/09/2019	11:58:52	0.000	0.000	2088618.364	6023864.640	8371		GWS	0.64342453663
18862	09/09/2019	11:58:53	0.000	0.000	2088616.216	6023863.105	7312		GWS	-0.29126213592
18863	09/09/2019	11:58:54	0.000	0.000	2088614.407	6023861.274	8788		GWS	1.01147396293
18864	09/09/2019	11:58:55	0.000	0.000	2088613.654	6023859.061	7927		GWS	0.25154457193
18865	09/09/2019	11:58:56	0.000	0.000	2088613.039	6023857.302	8431		GWS	0.69638128861
18866	09/09/2019	11:58:57	0.000	0.000	2088612.252	6023855.212	7867		GWS	0.19858781995
18867	09/09/2019	11:58:58	0.000	0.000	2088610.755	6023854.888	7277		GWS	-0.32215357458
18868	09/09/2019	11:58:59	0.000	0.000	2088608.796	6023855.365	8029		GWS	0.34157105031
18869	09/09/2019	11:59:00	0.000	0.000	2088607.373	6023856.688	7887		GWS	0.21624007061
18870	09/09/2019	11:59:01	0.000	0.000	2088607.018	6023858.387	7822		GWS	0.15887025596
18871	09/09/2019	11:59:02	0.000	0.000	2088607.799	6023859.965	10055		GWS	2.12974404237
18872	09/09/2019	11:59:03	0.000	0.000	2088609.155	6023860.769	8927		GWS	1.13415710503
18873	09/09/2019	11:59:04	0.000	0.000	2088611.043	6023861.060	9051		GWS	1.24360105914
18874	09/09/2019	11:59:05	0.000	0.000	2088612.492	6023859.982	8592		GWS	0.83848190644
18875	09/09/2019	11:59:06	0.000	0.000	2088613.641	6023858.390	8058		GWS	0.36716681377
18876	09/09/2019	11:59:07	0.000	0.000	2088613.337	6023857.210	7774		GWS	0.11650485437
18877	09/09/2019	11:59:08	0.000	0.000	2088611.919	6023855.595	9083		GWS	1.27184466019
18878	09/09/2019	11:59:09	0.000	0.000	2088611.234	6023856.109	8391		GWS	0.66107678729
18879	09/09/2019	11:59:10	0.000	0.000	2088609.962	6023856.959	7947		GWS	0.26919682260
18880	09/09/2019	11:59:11	0.000	0.000	2088608.776	6023858.480	7567		GWS	-0.06619593998
18881	09/09/2019	11:59:12	0.000	0.000	2088609.294	6023858.422	7711		GWS	0.06090026478
18882	09/09/2019	11:59:13	0.000	0.000	2088610.871	6023858.713	7657		GWS	0.01323918800
18883	09/09/2019	11:59:14	0.000	0.000	2088611.253	6023858.039	6894		GWS	-0.66019417476
18884	09/09/2019	11:59:15	0.000	0.000	2088611.338	6023856.943	8953		GWS	1.15710503089
18885	09/09/2019	11:59:16	0.000	0.000	2088610.230	6023857.070	7908		GWS	0.23477493380
18886	09/09/2019	11:59:17	0.000	0.000	2088609.525	6023857.499	8097		GWS	0.40158870256
18887	09/09/2019	11:59:18	0.000	0.000	2088610.121	6023858.819	8414		GWS	0.68137687555
18888	09/09/2019	11:59:19	0.000	0.000	2088611.025	6023859.766	9333		GWS	1.49249779347
18889	09/09/2019	11:59:20	0.000	0.000	2088613.249	6023861.661	9383		GWS	1.53662842012
18890	09/09/2019	11:59:21	0.000	0.000	2088616.096	6023862.977	8225		GWS	0.51456310680
18891	09/09/2019	11:59:22	0.000	0.000	2088618.872	6023863.868	8626		GWS	0.86849073257
18892	09/09/2019	11:59:23	0.000	0.000	2088621.335	6023865.186	7676		GWS	0.03000882613
18893	09/09/2019	11:59:24	0.000	0.000	2088623.957	6023866.148	7049		GWS	-0.52338923213
18894	09/09/2019	11:59:25	0.000	0.000	2088626.473	6023867.372	6952		GWS	-0.60900264784
18895	09/09/2019	11:59:26	0.000	0.000	2088628.538	6023869.002	6688		GWS	-0.84201235658
18896	09/09/2019	11:59:27	0.000	0.000	2088630.210	6023869.595	7522		GWS	-0.10591350397
18897	09/09/2019	11:59:28	0.000	0.000	2088630.969	6023869.063	7130		GWS	-0.45189761695
18898	09/09/2019	11:59:29	0.000	0.000	2088632.163	6023867.858	6792		GWS	-0.75022065313
18899	09/09/2019	11:59:30	0.000	0.000	2088634.062	6023866.414	7248		GWS	-0.34774933804
18900	09/09/2019	11:59:31	0.000	0.000	2088635.680	6023866.985	7542		GWS	-0.08826125331
18901	09/09/2019	11:59:32	0.000	0.000	2088636.889	6023867.689	6445		GWS	-1.05648720212
18902	09/09/2019	11:59:33	0.000	0.000	2088637.702	6023866.889	6951		GWS	-0.60988526037
18903	09/09/2019	11:59:34	0.000	0.000	2088639.115	6023865.497	7137		GWS	-0.44571932921
18904	09/09/2019	11:59:35	0.000	0.000	2088638.939	6023863.349	9254		GWS	1.42277140335
18905	09/09/2019	11:59:36	0.000	0.000	2088639.445	6023861.319	9273		GWS	1.43954104148
18906	09/09/2019	11:59:37	0.000	0.000	2088640.446	6023859.182	8708		GWS	0.94086496028
18907	09/09/2019	11:59:38	0.000	0.000	2088641.730	6023857.161	9587		GWS	1.71668137688
18908	09/09/2019	11:59:39	0.000	0.000	2088643.048	6023856.317	8576		GWS	0.82436010591
18909	09/09/2019	11:59:40	0.000	0.000	2088644.907	6023855.786	8804		GWS	1.02559576346

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SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
18910	09/09/2019	11:59:41	0.000	0.000	2088646.799	6023854.869	8021		GWS	0.33451015004
18911	09/09/2019	11:59:42	0.000	0.000	2088648.040	6023852.844	7345		GWS	-0.26213592233
18912	09/09/2019	11:59:43	0.000	0.000	2088649.730	6023850.967	7506		GWS	-0.12003530450
18913	09/09/2019	11:59:44	0.000	0.000	2088651.199	6023848.405	7006		GWS	-0.56134157105
18914	09/09/2019	11:59:45	0.000	0.000	2088652.641	6023846.146	6791		GWS	-0.75110326567
18915	09/09/2019	11:59:46	0.000	0.000	2088654.031	6023844.315	6708		GWS	-0.82436010591
18916	09/09/2019	11:59:47	0.000	0.000	2088655.447	6023842.170	7407		GWS	-0.20741394528
18917	09/09/2019	11:59:48	0.000	0.000	2088657.563	6023840.616	8301		GWS	0.58164165931
18918	09/09/2019	11:59:49	0.000	0.000	2088658.926	6023838.591	7475		GWS	-0.14739629303
18919	09/09/2019	11:59:50	0.000	0.000	2088660.031	6023836.468	6428		GWS	-1.07149161518
18920	09/09/2019	11:59:51	0.000	0.000	2088661.611	6023835.160	7217		GWS	-0.37511032657
18921	09/09/2019	11:59:52	0.000	0.000	2088662.774	6023833.385	4744		GWS	-2.55781112092
18922	09/09/2019	11:59:53	0.000	0.000	2088664.090	6023832.020	4176		GWS	-3.05913503972
18923	09/09/2019	11:59:54	0.000	0.000	2088665.749	6023831.387	5371		GWS	-2.00441306267
18924	09/09/2019	11:59:55	0.000	0.000	2088666.137	6023831.138	5939		GWS	-1.50308914387
18925	09/09/2019	11:59:56	0.000	0.000	2088664.982	6023830.348	6157		GWS	-1.31067961165
18926	09/09/2019	11:59:57	0.000	0.000	2088663.976	6023831.216	6189		GWS	-1.28243601059
18927	09/09/2019	11:59:58	0.000	0.000	2088662.603	6023832.645	5861		GWS	-1.57193292145
18928	09/09/2019	11:59:59	0.000	0.000	2088660.785	6023834.211	6247		GWS	-1.23124448367
18929	09/09/2019	12:00:00	0.000	0.000	2088659.611	6023834.434	7922		GWS	0.24713150927
18930	09/09/2019	12:00:01	0.000	0.000	2088660.064	6023833.759	6510		GWS	-0.99911738747
18931	09/09/2019	12:00:02	0.000	0.000	2088660.260	6023831.364	7627		GWS	-0.01323918800
18932	09/09/2019	12:00:03	0.000	0.000	2088661.687	6023829.242	8057		GWS	0.36628420124
18933	09/09/2019	12:00:04	0.000	0.000	2088663.835	6023828.191	7624		GWS	-0.01588702560
18934	09/09/2019	12:00:05	0.000	0.000	2088665.638	6023828.090	7816		GWS	0.15357458076
18935	09/09/2019	12:00:06	0.000	0.000	2088667.567	6023827.701	7684		GWS	0.03706972639
18936	09/09/2019	12:00:07	0.000	0.000	2088668.908	6023825.775	7741		GWS	0.08737864078
18937	09/09/2019	12:00:08	0.000	0.000	2088670.636	6023823.908	7335		GWS	-0.27096204766
18938	09/09/2019	12:00:09	0.000	0.000	2088672.169	6023821.922	7383		GWS	-0.22859664607
18939	09/09/2019	12:00:10	0.000	0.000	2088673.561	6023819.795	7576		GWS	-0.05825242718
18940	09/09/2019	12:00:11	0.000	0.000	2088675.346	6023818.014	7054		GWS	-0.51897616946
18941	09/09/2019	12:00:12	0.000	0.000	2088676.220	6023815.968	6653		GWS	-0.87290379523
18942	09/09/2019	12:00:13	0.000	0.000	2088677.864	6023814.394	7243		GWS	-0.35216240071
18943	09/09/2019	12:00:14	0.000	0.000	2088679.224	6023812.522	7211		GWS	-0.38040600177
18944	09/09/2019	12:00:15	0.000	0.000	2088680.573	6023810.757	7892		GWS	0.22065313327
18945	09/09/2019	12:00:16	0.000	0.000	2088682.048	6023809.519	7493		GWS	-0.13150926743
18946	09/09/2019	12:00:17	0.000	0.000	2088682.243	6023807.704	7633		GWS	-0.00794351280
18947	09/09/2019	12:00:18	0.000	0.000	2088682.195	6023806.058	7998		GWS	0.31421006178
18948	09/09/2019	12:00:19	0.000	0.000	2088682.737	6023803.885	5719		GWS	-1.69726390115
18949	09/09/2019	12:00:20	0.000	0.000	2088684.007	6023802.929	5557		GWS	-1.84024713151
18950	09/09/2019	12:00:21	0.000	0.000	2088684.931	6023801.520	6824		GWS	-0.72197705207
18951	09/09/2019	12:00:22	0.000	0.000	2088685.949	6023799.717	7736		GWS	0.08296557811
18952	09/09/2019	12:00:23	0.000	0.000	2088688.112	6023799.491	7574		GWS	-0.06001765225
18953	09/09/2019	12:00:24	0.000	0.000	2088689.598	6023798.680	7713		GWS	0.06266548985
18954	09/09/2019	12:00:25	0.000	0.000	2088691.109	6023797.228	8228		GWS	0.51721094440
18955	09/09/2019	12:00:26	0.000	0.000	2088692.553	6023795.078	7787		GWS	0.12797881730
18956	09/09/2019	12:00:27	0.000	0.000	2088693.757	6023793.053	8456		GWS	0.71844660194
18957	09/09/2019	12:00:28	0.000	0.000	2088695.243	6023791.584	8354		GWS	0.62842012357
18958	09/09/2019	12:00:29	0.000	0.000	2088696.561	6023789.362	7938		GWS	0.26125330980
18959	09/09/2019	12:00:30	0.000	0.000	2088698.310	6023788.133	7084		GWS	-0.49249779347
18960	09/09/2019	12:00:31	0.000	0.000	2088699.481	6023786.086	4801		GWS	-2.50750220653
18961	09/09/2019	12:00:32	0.000	0.000	2088700.714	6023784.730	4433		GWS	-2.83230361871
18962	09/09/2019	12:00:33	0.000	0.000	2088702.494	6023783.982	5081		GWS	-2.26037069726
18963	09/09/2019	12:00:34	0.000	0.000	2088702.976	6023783.823	5498		GWS	-1.89232127096
18964	09/09/2019	12:00:35	0.000	0.000	2088701.928	6023782.786	6366		GWS	-1.12621359223
18965	09/09/2019	12:00:36	0.000	0.000	2088701.182	6023783.794	5972		GWS	-1.47396293027
18966	09/09/2019	12:00:37	0.000	0.000	2088699.852	6023784.818	6709		GWS	-0.82347749338
18967	09/09/2019	12:00:38	0.000	0.000	2088699.226	6023786.612	7167		GWS	-0.41924095322
18968	09/09/2019	12:00:39	0.000	0.000	2088697.930	6023788.354	8212		GWS	0.50308914387
18969	09/09/2019	12:00:40	0.000	0.000	2088696.796	6023788.380	9253		GWS	1.42188879082
18970	09/09/2019	12:00:41	0.000	0.000	2088695.739	6023787.248	8403		GWS	0.67166813769

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SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
18971	09/09/2019	12:00:42	0.000	0.000	2088695.787	6023785.296	8100		GWS	0.40423654016
18972	09/09/2019	12:00:43	0.000	0.000	2088696.588	6023783.344	8655		GWS	0.89408649603
18973	09/09/2019	12:00:44	0.000	0.000	2088697.620	6023781.853	9153		GWS	1.33362753751
18974	09/09/2019	12:00:45	0.000	0.000	2088699.251	6023779.985	9638		GWS	1.76169461606
18975	09/09/2019	12:00:46	0.000	0.000	2088701.318	6023780.473	7779		GWS	0.12091791703
18976	09/09/2019	12:00:47	0.000	0.000	2088703.056	6023780.222	7465		GWS	-0.15622241836
18977	09/09/2019	12:00:48	0.000	0.000	2088704.894	6023779.260	7386		GWS	-0.22594880847
18978	09/09/2019	12:00:49	0.000	0.000	2088706.257	6023777.559	7576		GWS	-0.05825242718
18979	09/09/2019	12:00:50	0.000	0.000	2088707.270	6023775.435	7534		GWS	-0.09532215357
18980	09/09/2019	12:00:51	0.000	0.000	2088709.059	6023773.689	8303		GWS	0.58340688438
18981	09/09/2019	12:00:52	0.000	0.000	2088710.591	6023771.605	6816		GWS	-0.72903795234
18982	09/09/2019	12:00:53	0.000	0.000	2088712.319	6023769.738	7374		GWS	-0.23654015887
18983	09/09/2019	12:00:54	0.000	0.000	2088714.010	6023767.714	7873		GWS	0.20388349515
18984	09/09/2019	12:00:55	0.000	0.000	2088714.565	6023765.596	6438		GWS	-1.06266548985
18985	09/09/2019	12:00:56	0.000	0.000	2088715.966	6023763.909	7129		GWS	-0.45278022948
18986	09/09/2019	12:00:57	0.000	0.000	2088717.531	6023761.994	7272		GWS	-0.32656663725
18987	09/09/2019	12:00:58	0.000	0.000	2088719.399	6023760.176	8328		GWS	0.60547219771
18988	09/09/2019	12:00:59	0.000	0.000	2088721.179	6023758.189	6492		GWS	-1.01500441306
18989	09/09/2019	12:01:00	0.000	0.000	2088722.548	6023756.359	7593		GWS	-0.04324801412
18990	09/09/2019	12:01:01	0.000	0.000	2088724.167	6023754.503	7028		GWS	-0.54192409532
18991	09/09/2019	12:01:02	0.000	0.000	2088725.409	6023752.275	7097		GWS	-0.48102383054
18992	09/09/2019	12:01:03	0.000	0.000	2088727.122	6023750.585	6754		GWS	-0.78375992939
18993	09/09/2019	12:01:04	0.000	0.000	2088728.117	6023748.455	7718		GWS	0.06707855252
18994	09/09/2019	12:01:05	0.000	0.000	2088729.768	6023746.686	6609		GWS	-0.91173874669
18995	09/09/2019	12:01:06	0.000	0.000	2088731.470	6023745.212	6932		GWS	-0.62665489850
18996	09/09/2019	12:01:07	0.000	0.000	2088732.326	6023743.036	6953		GWS	-0.60812003531
18997	09/09/2019	12:01:08	0.000	0.000	2088733.891	6023741.235	7138		GWS	-0.44483671668
18998	09/09/2019	12:01:09	0.000	0.000	2088734.819	6023739.484	6284		GWS	-1.19858781995
18999	09/09/2019	12:01:10	0.000	0.000	2088736.214	6023738.178	5506		GWS	-1.88526037070
19000	09/09/2019	12:01:11	0.000	0.000	2088737.883	6023737.177	4432		GWS	-2.83318623124
19001	09/09/2019	12:01:12	0.000	0.000	2088739.046	6023736.616	5028		GWS	-2.30714916152
19002	09/09/2019	12:01:13	0.000	0.000	2088738.721	6023735.882	5535		GWS	-1.85966460724
19003	09/09/2019	12:01:14	0.000	0.000	2088737.509	6023735.981	5739		GWS	-1.67961165049
19004	09/09/2019	12:01:15	0.000	0.000	2088735.927	6023736.823	6010		GWS	-1.44042365402
19005	09/09/2019	12:01:16	0.000	0.000	2088734.846	6023738.604	6034		GWS	-1.41924095322
19006	09/09/2019	12:01:17	0.000	0.000	2088733.675	6023739.638	6507		GWS	-1.00176522507
19007	09/09/2019	12:01:18	0.000	0.000	2088732.997	6023738.849	8474		GWS	0.73433362754
19008	09/09/2019	12:01:19	0.000	0.000	2088733.309	6023736.883	8094		GWS	0.39894086496
19009	09/09/2019	12:01:20	0.000	0.000	2088734.375	6023735.149	8053		GWS	0.36275375110
19010	09/09/2019	12:01:21	0.000	0.000	2088735.974	6023733.246	7413		GWS	-0.20211827008
19011	09/09/2019	12:01:22	0.000	0.000	2088737.984	6023733.317	7373		GWS	-0.23742277140
19012	09/09/2019	12:01:23	0.000	0.000	2088739.879	6023732.755	7226		GWS	-0.36716681377
19013	09/09/2019	12:01:24	0.000	0.000	2088741.773	6023731.578	6573		GWS	-0.94351279788
19014	09/09/2019	12:01:25	0.000	0.000	2088743.254	6023730.197	5753		GWS	-1.66725507502
19015	09/09/2019	12:01:26	0.000	0.000	2088744.093	6023728.062	6462		GWS	-1.04148278906
19016	09/09/2019	12:01:27	0.000	0.000	2088745.399	6023726.157	6578		GWS	-0.93909973522
19017	09/09/2019	12:01:28	0.000	0.000	2088746.914	6023724.172	6534		GWS	-0.97793468667
19018	09/09/2019	12:01:29	0.000	0.000	2088748.527	6023722.570	6883		GWS	-0.66990291262
19019	09/09/2019	12:01:30	0.000	0.000	2088750.047	6023720.641	7871		GWS	0.20211827008
19020	09/09/2019	12:01:31	0.000	0.000	2088751.489	6023718.763	8267		GWS	0.55163283319
19021	09/09/2019	12:01:32	0.000	0.000	2088752.953	6023716.993	7706		GWS	0.05648720212
19022	09/09/2019	12:01:33	0.000	0.000	2088754.053	6023714.784	7656		GWS	0.01235657546
19023	09/09/2019	12:01:34	0.000	0.000	2088755.658	6023713.360	7248		GWS	-0.34774933804
19024	09/09/2019	12:01:35	0.000	0.000	2088756.902	6023711.462	6756		GWS	-0.78199470433
19025	09/09/2019	12:01:36	0.000	0.000	2088758.198	6023710.274	8649		GWS	0.88879082083
19026	09/09/2019	12:01:37	0.000	0.000	2088759.420	6023709.702	7382		GWS	-0.22947925861
19027	09/09/2019	12:01:38	0.000	0.000	2088758.152	6023710.315	8295		GWS	0.57634598411
19028	09/09/2019	12:01:39	0.000	0.000	2088755.864	6023711.371	8283		GWS	0.56575463372
19029	09/09/2019	12:01:40	0.000	0.000	2088753.209	6023711.584	7171		GWS	-0.41571050309
19030	09/09/2019	12:01:41	0.000	0.000	2088750.461	6023712.511	8152		GWS	0.45013239188
19031	09/09/2019	12:01:42	0.000	0.000	2088747.419	6023713.766	8218		GWS	0.50838481906

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SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
19032	09/09/2019	12:01:43	0.000	0.000	2088744.400	6023714.737	7124		GWS	-0.45719329215
19033	09/09/2019	12:01:44	0.000	0.000	2088741.233	6023715.625	8051		GWS	0.36098852604
19034	09/09/2019	12:01:45	0.000	0.000	2088738.233	6023716.481	7862		GWS	0.19417475728
19035	09/09/2019	12:01:46	0.000	0.000	2088735.127	6023716.411	7875		GWS	0.20564872021
19036	09/09/2019	12:01:47	0.000	0.000	2088732.030	6023716.563	7908		GWS	0.23477493380
19037	09/09/2019	12:01:48	0.000	0.000	2088729.313	6023717.275	7497		GWS	-0.12797881730
19038	09/09/2019	12:01:49	0.000	0.000	2088726.658	6023717.518	8084		GWS	0.39011473963
19039	09/09/2019	12:01:50	0.000	0.000	2088724.148	6023718.344	8951		GWS	1.15533980583
19040	09/09/2019	12:01:51	0.000	0.000	2088722.103	6023719.762	8207		GWS	0.49867608120
19041	09/09/2019	12:01:52	0.000	0.000	2088719.773	6023719.991	9341		GWS	1.49955869373
19042	09/09/2019	12:01:53	0.000	0.000	2088717.270	6023719.326	8755		GWS	0.98234774934
19043	09/09/2019	12:01:54	0.000	0.000	2088715.794	6023717.659	9359		GWS	1.51544571933
19044	09/09/2019	12:01:55	0.000	0.000	2088715.355	6023715.329	8099		GWS	0.40335392763
19045	09/09/2019	12:01:56	0.000	0.000	2088715.987	6023712.665	9195		GWS	1.37069726390
19046	09/09/2019	12:01:57	0.000	0.000	2088718.104	6023711.585	9618		GWS	1.74404236540
19047	09/09/2019	12:01:58	0.000	0.000	2088720.635	6023711.501	8854		GWS	1.06972639011
19048	09/09/2019	12:01:59	0.000	0.000	2088722.977	6023712.379	9443		GWS	1.58958517211
19049	09/09/2019	12:02:00	0.000	0.000	2088723.789	6023714.426	8091		GWS	0.39629302736
19050	09/09/2019	12:02:01	0.000	0.000	2088723.896	6023716.744	8592		GWS	0.83848190644
19051	09/09/2019	12:02:02	0.000	0.000	2088722.539	6023718.427	8898		GWS	1.10856134157
19052	09/09/2019	12:02:03	0.000	0.000	2088720.559	6023719.381	8794		GWS	1.01676963813
19053	09/09/2019	12:02:04	0.000	0.000	2088718.158	6023719.638	9398		GWS	1.54986760812
19054	09/09/2019	12:02:05	0.000	0.000	2088717.862	6023717.861	8379		GWS	0.65048543689
19055	09/09/2019	12:02:06	0.000	0.000	2088717.621	6023716.065	8215		GWS	0.50573698147
19056	09/09/2019	12:02:07	0.000	0.000	2088718.297	6023714.536	8143		GWS	0.44218887908
19057	09/09/2019	12:02:08	0.000	0.000	2088719.772	6023713.832	8666		GWS	0.90379523389
19058	09/09/2019	12:02:09	0.000	0.000	2088720.963	6023714.283	7596		GWS	-0.04060017652
19059	09/09/2019	12:02:10	0.000	0.000	2088720.285	6023714.990	8499		GWS	0.75639894087
19060	09/09/2019	12:02:11	0.000	0.000	2088720.261	6023715.870	8214		GWS	0.50485436893
19061	09/09/2019	12:02:12	0.000	0.000	2088721.093	6023716.132	7573		GWS	-0.06090026478
19062	09/09/2019	12:02:13	0.000	0.000	2088723.065	6023717.910	7743		GWS	0.08914386584
19063	09/09/2019	12:02:14	0.000	0.000	2088725.068	6023720.323	7095		GWS	-0.48278905561
19064	09/09/2019	12:02:15	0.000	0.000	2088727.334	6023722.618	8283		GWS	0.56575463372
19065	09/09/2019	12:02:16	0.000	0.000	2088729.322	6023724.710	6601		GWS	-0.91879964696
19066	09/09/2019	12:02:17	0.000	0.000	2088731.268	6023726.800	7710		GWS	0.06001765225
19067	09/09/2019	12:02:18	0.000	0.000	2088733.465	6023728.309	7327		GWS	-0.27802294793
19068	09/09/2019	12:02:19	0.000	0.000	2088735.400	6023730.004	7262		GWS	-0.33539276258
19069	09/09/2019	12:02:20	0.000	0.000	2088737.518	6023731.044	7935		GWS	0.25860547220
19070	09/09/2019	12:02:21	0.000	0.000	2088739.616	6023731.445	7833		GWS	0.16857899382
19071	09/09/2019	12:02:22	0.000	0.000	2088741.883	6023730.852	7328		GWS	-0.27714033539
19072	09/09/2019	12:02:23	0.000	0.000	2088742.950	6023729.023	7352		GWS	-0.25595763460
19073	09/09/2019	12:02:24	0.000	0.000	2088744.475	6023726.937	7478		GWS	-0.14474845543
19074	09/09/2019	12:02:25	0.000	0.000	2088745.947	6023724.528	6279		GWS	-1.20300088261
19075	09/09/2019	12:02:26	0.000	0.000	2088747.678	6023722.359	6550		GWS	-0.96381288614
19076	09/09/2019	12:02:27	0.000	0.000	2088749.477	6023720.893	6917		GWS	-0.63989408650
19077	09/09/2019	12:02:28	0.000	0.000	2088750.831	6023719.054	6679		GWS	-0.84995586937
19078	09/09/2019	12:02:29	0.000	0.000	2088752.722	6023717.261	6409		GWS	-1.08826125331
19079	09/09/2019	12:02:30	0.000	0.000	2088754.162	6023715.233	7092		GWS	-0.48543689320
19080	09/09/2019	12:02:31	0.000	0.000	2088755.307	6023713.054	7143		GWS	-0.44042365402
19081	09/09/2019	12:02:32	0.000	0.000	2088756.827	6023711.671	6525		GWS	-0.98587819947
19082	09/09/2019	12:02:33	0.000	0.000	2088758.165	6023709.620	7031		GWS	-0.53927625772
19083	09/09/2019	12:02:34	0.000	0.000	2088759.797	6023708.191	6948		GWS	-0.61253309797
19084	09/09/2019	12:02:35	0.000	0.000	2088761.029	6023706.224	6237		GWS	-1.24007060900
19085	09/09/2019	12:02:36	0.000	0.000	2088762.129	6023703.989	7769		GWS	0.11209179170
19086	09/09/2019	12:02:37	0.000	0.000	2088763.884	6023701.940	6682		GWS	-0.84730803177
19087	09/09/2019	12:02:38	0.000	0.000	2088765.067	6023699.812	7610		GWS	-0.02824360106
19088	09/09/2019	12:02:39	0.000	0.000	2088766.566	6023698.016	7752		GWS	0.09708737864
19089	09/09/2019	12:02:40	0.000	0.000	2088768.391	6023696.373	6168		GWS	-1.30097087379
19090	09/09/2019	12:02:41	0.000	0.000	2088769.667	6023694.483	6942		GWS	-0.61782877317
19091	09/09/2019	12:02:42	0.000	0.000	2088771.235	6023693.004	7825		GWS	0.16151809356
19092	09/09/2019	12:02:43	0.000	0.000	2088772.193	6023691.183	6216		GWS	-1.25860547220

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SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
19093	09/09/2019	12:02:44	0.000	0.000	2088773.648	6023689.898	4281		GWS	-2.96646072374
19094	09/09/2019	12:02:45	0.000	0.000	2088775.486	6023688.946	5378		GWS	-1.99823477493
19095	09/09/2019	12:02:46	0.000	0.000	2088775.847	6023688.500	6212		GWS	-1.26213592233
19096	09/09/2019	12:02:47	0.000	0.000	2088774.370	6023687.909	6304		GWS	-1.18093556929
19097	09/09/2019	12:02:48	0.000	0.000	2088773.255	6023689.012	6196		GWS	-1.27625772286
19098	09/09/2019	12:02:49	0.000	0.000	2088772.308	6023690.415	6139		GWS	-1.32656663725
19099	09/09/2019	12:02:50	0.000	0.000	2088771.575	6023692.370	7354		GWS	-0.25419240953
19100	09/09/2019	12:02:51	0.000	0.000	2088770.128	6023694.163	7088		GWS	-0.48896734334
19101	09/09/2019	12:02:52	0.000	0.000	2088770.563	6023694.502	7082		GWS	-0.49426301854
19102	09/09/2019	12:02:53	0.000	0.000	2088769.676	6023692.625	7740		GWS	0.08649602824
19103	09/09/2019	12:02:54	0.000	0.000	2088769.587	6023690.419	8295		GWS	0.57634598411
19104	09/09/2019	12:02:55	0.000	0.000	2088770.093	6023688.183	7743		GWS	0.08914386584
19105	09/09/2019	12:02:56	0.000	0.000	2088771.286	6023686.570	7576		GWS	-0.05825242718
19106	09/09/2019	12:02:57	0.000	0.000	2088773.376	6023685.692	8074		GWS	0.38128861430
19107	09/09/2019	12:02:58	0.000	0.000	2088775.305	6023685.462	7988		GWS	0.30538393645
19108	09/09/2019	12:02:59	0.000	0.000	2088776.779	6023685.881	7487		GWS	-0.13680494263
19109	09/09/2019	12:03:00	0.000	0.000	2088777.805	6023684.633	6041		GWS	-1.41306266549
19110	09/09/2019	12:03:01	0.000	0.000	2088779.082	6023682.858	6705		GWS	-0.82700794351
19111	09/09/2019	12:03:02	0.000	0.000	2088780.658	6023681.084	5396		GWS	-1.98234774934
19112	09/09/2019	12:03:03	0.000	0.000	2088782.002	6023679.117	6133		GWS	-1.33186231244
19113	09/09/2019	12:03:04	0.000	0.000	2088783.745	6023677.651	7443		GWS	-0.17563989409
19114	09/09/2019	12:03:05	0.000	0.000	2088784.974	6023676.265	8010		GWS	0.32480141218
19115	09/09/2019	12:03:06	0.000	0.000	2088785.328	6023674.727	6652		GWS	-0.87378640777
19116	09/09/2019	12:03:07	0.000	0.000	2088785.649	6023672.879	6583		GWS	-0.93468667255
19117	09/09/2019	12:03:08	0.000	0.000	2088786.106	6023670.583	7076		GWS	-0.49955869373
19118	09/09/2019	12:03:09	0.000	0.000	2088787.678	6023668.779	6689		GWS	-0.84112974404
19119	09/09/2019	12:03:10	0.000	0.000	2088788.899	6023666.920	7282		GWS	-0.31774051192
19120	09/09/2019	12:03:11	0.000	0.000	2088790.780	6023665.667	6830		GWS	-0.71668137688
19121	09/09/2019	12:03:12	0.000	0.000	2088792.998	6023664.953	7077		GWS	-0.49867608120
19122	09/09/2019	12:03:13	0.000	0.000	2088794.452	6023663.262	7679		GWS	0.03265666372
19123	09/09/2019	12:03:14	0.000	0.000	2088796.025	6023661.574	7560		GWS	-0.07237422771
19124	09/09/2019	12:03:15	0.000	0.000	2088796.964	6023659.682	7110		GWS	-0.46954986761
19125	09/09/2019	12:03:16	0.000	0.000	2088797.641	6023658.234	7687		GWS	0.03971756399
19126	09/09/2019	12:03:17	0.000	0.000	2088798.850	6023656.500	7381		GWS	-0.23036187114
19127	09/09/2019	12:03:18	0.000	0.000	2088799.839	6023654.426	7350		GWS	-0.25772285967
19128	09/09/2019	12:03:19	0.000	0.000	2088801.457	6023652.733	6723		GWS	-0.81112091792
19129	09/09/2019	12:03:20	0.000	0.000	2088802.978	6023651.013	6241		GWS	-1.23654015887
19130	09/09/2019	12:03:21	0.000	0.000	2088804.004	6023648.880	7710		GWS	0.06001765225
19131	09/09/2019	12:03:22	0.000	0.000	2088805.597	6023647.295	7327		GWS	-0.27802294793
19132	09/09/2019	12:03:23	0.000	0.000	2088806.617	6023645.748	6752		GWS	-0.78552515446
19133	09/09/2019	12:03:24	0.000	0.000	2088808.156	6023644.797	6818		GWS	-0.72727272727
19134	09/09/2019	12:03:25	0.000	0.000	2088809.385	6023643.204	5094		GWS	-2.24889673433
19135	09/09/2019	12:03:26	0.000	0.000	2088810.584	6023641.623	4493		GWS	-2.77934686673
19136	09/09/2019	12:03:27	0.000	0.000	2088812.206	6023640.878	5055		GWS	-2.28331862312
19137	09/09/2019	12:03:28	0.000	0.000	2088812.204	6023640.730	6210		GWS	-1.26390114740
19138	09/09/2019	12:03:29	0.000	0.000	2088811.121	6023640.455	6292		GWS	-1.19152691968
19139	09/09/2019	12:03:30	0.000	0.000	2088809.783	6023641.217	6289		GWS	-1.19417475728
19140	09/09/2019	12:03:31	0.000	0.000	2088808.909	6023642.884	6402		GWS	-1.09443954104
19141	09/09/2019	12:03:32	0.000	0.000	2088806.904	6023644.382	7330		GWS	-0.27537511033
19142	09/09/2019	12:03:33	0.000	0.000	2088806.363	6023645.947	7382		GWS	-0.22947925861
19143	09/09/2019	12:03:34	0.000	0.000	2088806.020	6023645.805	7605		GWS	-0.03265666372
19144	09/09/2019	12:03:35	0.000	0.000	2088805.961	6023644.070	8231		GWS	0.51985878200
19145	09/09/2019	12:03:36	0.000	0.000	2088806.004	6023641.595	7848		GWS	0.18181818182
19146	09/09/2019	12:03:37	0.000	0.000	2088807.345	6023639.588	8382		GWS	0.65313327449
19147	09/09/2019	12:03:38	0.000	0.000	2088808.509	6023638.019	8185		GWS	0.47925860547
19148	09/09/2019	12:03:39	0.000	0.000	2088810.192	6023637.398	7566		GWS	-0.06707855252
19149	09/09/2019	12:03:40	0.000	0.000	2088811.837	6023637.192	7381		GWS	-0.23036187114
19150	09/09/2019	12:03:41	0.000	0.000	2088813.136	6023636.927	7305		GWS	-0.29744042365
19151	09/09/2019	12:03:42	0.000	0.000	2088814.862	6023636.230	6686		GWS	-0.84377758164
19152	09/09/2019	12:03:43	0.000	0.000	2088816.142	6023634.444	7851		GWS	0.18446601942
19153	09/09/2019	12:03:44	0.000	0.000	2088818.358	6023633.113	6733		GWS	-0.80229479259

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SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
19154	09/09/2019	12:03:45	0.000	0.000	2088817.883	6023633.471	6843		GWS	-0.70520741395
19155	09/09/2019	12:03:46	0.000	0.000	2088817.788	6023633.152	5580		GWS	-1.81994704325
19156	09/09/2019	12:03:47	0.000	0.000	2088818.001	6023631.017	5884		GWS	-1.55163283319
19157	09/09/2019	12:03:48	0.000	0.000	2088818.090	6023631.053	5986		GWS	-1.46160635481
19158	09/09/2019	12:03:49	0.000	0.000	2088817.055	6023631.632	6037		GWS	-1.41659311562
19159	09/09/2019	12:03:50	0.000	0.000	2088815.583	6023630.444	5901		GWS	-1.53662842012
19160	09/09/2019	12:03:51	0.000	0.000	2088814.897	6023628.304	7432		GWS	-0.18534863195
19161	09/09/2019	12:03:52	0.000	0.000	2088815.779	6023625.894	7018		GWS	-0.55075022065
19162	09/09/2019	12:03:53	0.000	0.000	2088817.435	6023624.361	7094		GWS	-0.48367166814
19163	09/09/2019	12:03:54	0.000	0.000	2088819.272	6023622.840	7293		GWS	-0.30803177405
19164	09/09/2019	12:03:55	0.000	0.000	2088821.575	6023622.257	6533		GWS	-0.97881729921
19165	09/09/2019	12:03:56	0.000	0.000	2088823.948	6023621.786	6613		GWS	-0.90820829656
19166	09/09/2019	12:03:57	0.000	0.000	2088825.456	6023621.988	5373		GWS	-2.00264783760
19167	09/09/2019	12:03:58	0.000	0.000	2088826.304	6023620.925	6247		GWS	-1.23124448367
19168	09/09/2019	12:03:59	0.000	0.000	2088827.484	6023619.057	7292		GWS	-0.30891438658
19169	09/09/2019	12:04:00	0.000	0.000	2088828.637	6023617.288	7523		GWS	-0.10503089144
19170	09/09/2019	12:04:01	0.000	0.000	2088829.113	6023616.549	7760		GWS	0.10414827891
19171	09/09/2019	12:04:02	0.000	0.000	2088828.901	6023616.086	7100		GWS	-0.47837599294
19172	09/09/2019	12:04:03	0.000	0.000	2088828.661	6023616.070	6245		GWS	-1.23300970874
19173	09/09/2019	12:04:04	0.000	0.000	2088828.459	6023616.226	6571		GWS	-0.94527802295
19174	09/09/2019	12:04:05	0.000	0.000	2088828.466	6023616.860	6112		GWS	-1.35039717564
19175	09/09/2019	12:04:06	0.000	0.000	2088828.535	6023617.130	6568		GWS	-0.94792586055
19176	09/09/2019	12:04:07	0.000	0.000	2088828.753	6023616.713	6322		GWS	-1.16504854369
19177	09/09/2019	12:04:08	0.000	0.000	2088828.969	6023616.232	6320		GWS	-1.16681376876
19178	09/09/2019	12:04:09	0.000	0.000	2088829.080	6023616.145	6135		GWS	-1.33009708738
19179	09/09/2019	12:04:10	0.000	0.000	2088829.038	6023616.059	6693		GWS	-0.83759929391
19180	09/09/2019	12:04:11	0.000	0.000	2088829.065	6023616.025	6983		GWS	-0.58164165931
19181	09/09/2019	12:04:12	0.000	0.000	2088829.118	6023615.813	6546		GWS	-0.96734333628
19182	09/09/2019	12:04:13	0.000	0.000	2088829.282	6023617.074	6166		GWS	-1.30273609885
19183	09/09/2019	12:04:14	0.000	0.000	2088829.100	6023617.600	7271		GWS	-0.32744924978
19184	09/09/2019	12:04:15	0.000	0.000	2088828.802	6023617.598	6438		GWS	-1.06266548985
19185	09/09/2019	12:04:16	0.000	0.000	2088828.696	6023617.772	5804		GWS	-1.62224183583
19186	09/09/2019	12:04:17	0.000	0.000	2088828.729	6023617.799	5560		GWS	-1.83759929391
19187	09/09/2019	12:04:18	0.000	0.000	2088828.710	6023617.824	5940		GWS	-1.50220653133
19188	09/09/2019	12:04:19	0.000	0.000	2088829.272	6023617.631	6592		GWS	-0.92674315975
19189	09/09/2019	12:04:20	0.000	0.000	2088829.736	6023616.631	5577		GWS	-1.82259488085
19190	09/09/2019	12:04:21	0.000	0.000	2088831.352	6023615.116	6981		GWS	-0.58340688438
19191	09/09/2019	12:04:22	0.000	0.000	2088832.760	6023612.950	6575		GWS	-0.94174757282
19192	09/09/2019	12:04:23	0.000	0.000	2088834.037	6023610.837	7367		GWS	-0.24271844660
19193	09/09/2019	12:04:24	0.000	0.000	2088835.973	6023609.008	6966		GWS	-0.59664607237
19194	09/09/2019	12:04:25	0.000	0.000	2088837.181	6023606.641	6901		GWS	-0.65401588703
19195	09/09/2019	12:04:26	0.000	0.000	2088838.488	6023604.797	6255		GWS	-1.22418358341
19196	09/09/2019	12:04:27	0.000	0.000	2088839.769	6023603.361	7383		GWS	-0.22859664607
19197	09/09/2019	12:04:28	0.000	0.000	2088840.840	6023601.455	6736		GWS	-0.79964695499
19198	09/09/2019	12:04:29	0.000	0.000	2088842.301	6023599.696	6784		GWS	-0.75728155340
19199	09/09/2019	12:04:30	0.000	0.000	2088843.665	6023597.694	6376		GWS	-1.11738746690
19200	09/09/2019	12:04:31	0.000	0.000	2088844.783	6023595.826	6201		GWS	-1.27184466019
19201	09/09/2019	12:04:32	0.000	0.000	2088846.355	6023594.772	4500		GWS	-2.77316857899
19202	09/09/2019	12:04:33	0.000	0.000	2088847.754	6023593.563	4706		GWS	-2.59135039718
19203	09/09/2019	12:04:34	0.000	0.000	2088849.145	6023592.985	5707		GWS	-1.70785525154
19204	09/09/2019	12:04:35	0.000	0.000	2088848.585	6023592.202	6415		GWS	-1.08296557811
19205	09/09/2019	12:04:36	0.000	0.000	2088847.532	6023592.739	7513		GWS	-0.11385701677
19206	09/09/2019	12:04:37	0.000	0.000	2088845.605	6023593.730	7788		GWS	0.12886142983
19207	09/09/2019	12:04:38	0.000	0.000	2088844.996	6023595.386	7077		GWS	-0.49867608120
19208	09/09/2019	12:04:39	0.000	0.000	2088844.003	6023597.549	7709		GWS	0.05913503972
19209	09/09/2019	12:04:40	0.000	0.000	2088843.147	6023598.563	8437		GWS	0.70167696381
19210	09/09/2019	12:04:41	0.000	0.000	2088842.450	6023597.683	6789		GWS	-0.75286849073
19211	09/09/2019	12:04:42	0.000	0.000	2088842.419	6023595.762	8267		GWS	0.55163283319
19212	09/09/2019	12:04:43	0.000	0.000	2088842.716	6023593.299	8666		GWS	0.90379523389
19213	09/09/2019	12:04:44	0.000	0.000	2088843.993	6023591.661	9216		GWS	1.38923212710
19214	09/09/2019	12:04:45	0.000	0.000	2088845.782	6023590.159	8214		GWS	0.50485436893

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SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
19215	09/09/2019	12:04:46	0.000	0.000	2088847.740	6023590.154	8113		GWS	0.41571050309
19216	09/09/2019	12:04:47	0.000	0.000	2088849.667	6023590.482	8028		GWS	0.34068843778
19217	09/09/2019	12:04:48	0.000	0.000	2088850.614	6023589.977	7527		GWS	-0.10150044131
19218	09/09/2019	12:04:49	0.000	0.000	2088849.876	6023588.839	8061		GWS	0.36981465137
19219	09/09/2019	12:04:50	0.000	0.000	2088848.757	6023586.834	7325		GWS	-0.27978817299
19220	09/09/2019	12:04:51	0.000	0.000	2088849.178	6023584.690	6721		GWS	-0.81288614298
19221	09/09/2019	12:04:52	0.000	0.000	2088850.738	6023582.307	7680		GWS	0.03353927626
19222	09/09/2019	12:04:53	0.000	0.000	2088852.969	6023581.940	7470		GWS	-0.15180935569
19223	09/09/2019	12:04:54	0.000	0.000	2088854.959	6023582.220	6997		GWS	-0.56928508385
19224	09/09/2019	12:04:55	0.000	0.000	2088856.446	6023581.918	7239		GWS	-0.35569285084
19225	09/09/2019	12:04:56	0.000	0.000	2088857.726	6023580.644	7660		GWS	0.01588702560
19226	09/09/2019	12:04:57	0.000	0.000	2088858.053	6023578.532	8605		GWS	0.84995586937
19227	09/09/2019	12:04:58	0.000	0.000	2088858.930	6023576.671	9501		GWS	1.64077669903
19228	09/09/2019	12:04:59	0.000	0.000	2088859.676	6023574.503	10025		GWS	2.10326566637
19229	09/09/2019	12:05:00	0.000	0.000	2088861.025	6023572.816	10336		GWS	2.37775816417
19230	09/09/2019	12:05:01	0.000	0.000	2088862.308	6023571.151	10504		GWS	2.52603706973
19231	09/09/2019	12:05:02	0.000	0.000	2088864.084	6023570.108	8746		GWS	0.97440423654
19232	09/09/2019	12:05:03	0.000	0.000	2088866.021	6023569.090	9086		GWS	1.27449249779
19233	09/09/2019	12:05:04	0.000	0.000	2088867.136	6023567.959	8931		GWS	1.13768755516
19234	09/09/2019	12:05:05	0.000	0.000	2088868.066	6023566.855	8233		GWS	0.52162400706
19235	09/09/2019	12:05:06	0.000	0.000	2088866.570	6023566.682	6978		GWS	-0.58605472198
19236	09/09/2019	12:05:07	0.000	0.000	2088863.701	6023567.423	8284		GWS	0.56663724625
19237	09/09/2019	12:05:08	0.000	0.000	2088860.680	6023567.857	9301		GWS	1.46425419241
19238	09/09/2019	12:05:09	0.000	0.000	2088857.682	6023568.431	9375		GWS	1.52956751986
19239	09/09/2019	12:05:10	0.000	0.000	2088854.689	6023569.357	8883		GWS	1.09532215357
19240	09/09/2019	12:05:11	0.000	0.000	2088851.931	6023570.055	8431		GWS	0.69638128861
19241	09/09/2019	12:05:12	0.000	0.000	2088849.206	6023571.055	8527		GWS	0.78111209179
19242	09/09/2019	12:05:13	0.000	0.000	2088846.492	6023572.100	8822		GWS	1.04148278906
19243	09/09/2019	12:05:14	0.000	0.000	2088843.482	6023572.588	7815		GWS	0.15269196823
19244	09/09/2019	12:05:15	0.000	0.000	2088840.489	6023573.402	7953		GWS	0.27449249779
19245	09/09/2019	12:05:16	0.000	0.000	2088837.953	6023573.823	8768		GWS	0.99382171227
19246	09/09/2019	12:05:17	0.000	0.000	2088835.340	6023573.760	8552		GWS	0.80317740512
19247	09/09/2019	12:05:18	0.000	0.000	2088833.204	6023575.153	9188		GWS	1.36451897617
19248	09/09/2019	12:05:19	0.000	0.000	2088831.179	6023576.279	8387		GWS	0.65754633716
19249	09/09/2019	12:05:20	0.000	0.000	2088828.848	6023576.690	9536		GWS	1.67166813769
19250	09/09/2019	12:05:21	0.000	0.000	2088826.187	6023576.507	8924		GWS	1.13150926743
19251	09/09/2019	12:05:22	0.000	0.000	2088824.958	6023574.946	7931		GWS	0.25507502207
19252	09/09/2019	12:05:23	0.000	0.000	2088824.851	6023572.811	8102		GWS	0.40600176523
19253	09/09/2019	12:05:24	0.000	0.000	2088825.862	6023570.967	9315		GWS	1.47661076787
19254	09/09/2019	12:05:25	0.000	0.000	2088827.297	6023569.820	10008		GWS	2.08826125331
19255	09/09/2019	12:05:26	0.000	0.000	2088829.553	6023568.707	9282		GWS	1.44748455428
19256	09/09/2019	12:05:27	0.000	0.000	2088831.366	6023569.272	9490		GWS	1.63106796117
19257	09/09/2019	12:05:28	0.000	0.000	2088832.734	6023570.925	10052		GWS	2.12709620477
19258	09/09/2019	12:05:29	0.000	0.000	2088833.173	6023573.123	9053		GWS	1.24536628420
19259	09/09/2019	12:05:30	0.000	0.000	2088832.554	6023574.984	8923		GWS	1.13062665490
19260	09/09/2019	12:05:31	0.000	0.000	2088830.688	6023575.936	8681		GWS	0.91703442189
19261	09/09/2019	12:05:32	0.000	0.000	2088829.894	6023575.266	8110		GWS	0.41306266549
19262	09/09/2019	12:05:33	0.000	0.000	2088828.247	6023574.268	7607		GWS	-0.03089143866
19263	09/09/2019	12:05:34	0.000	0.000	2088827.577	6023572.709	7151		GWS	-0.43336275375
19264	09/09/2019	12:05:35	0.000	0.000	2088828.208	6023571.425	7098		GWS	-0.48014121801
19265	09/09/2019	12:05:36	0.000	0.000	2088829.563	6023571.181	8014		GWS	0.32833186231
19266	09/09/2019	12:05:37	0.000	0.000	2088830.296	6023572.563	8273		GWS	0.55692850839
19267	09/09/2019	12:05:38	0.000	0.000	2088831.210	6023573.059	8158		GWS	0.45542806708
19268	09/09/2019	12:05:39	0.000	0.000	2088831.014	6023573.397	7679		GWS	0.03265666372
19269	09/09/2019	12:05:40	0.000	0.000	2088829.617	6023572.532	8040		GWS	0.35127978817
19270	09/09/2019	12:05:41	0.000	0.000	2088830.449	6023572.696	7890		GWS	0.21888790821
19271	09/09/2019	12:05:42	0.000	0.000	2088832.281	6023574.659	7402		GWS	-0.21182700794
19272	09/09/2019	12:05:43	0.000	0.000	2088834.818	6023576.424	9080		GWS	1.26919682259
19273	09/09/2019	12:05:44	0.000	0.000	2088837.659	6023577.303	8360		GWS	0.63371579876
19274	09/09/2019	12:05:45	0.000	0.000	2088840.266	6023577.856	8840		GWS	1.05736981465
19275	09/09/2019	12:05:46	0.000	0.000	2088843.090	6023578.397	7820		GWS	0.15710503089

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SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
19276	09/09/2019	12:05:47	0.000	0.000	2088846.098	6023578.515	8375		GWS	0.64695498676
19277	09/09/2019	12:05:48	0.000	0.000	2088848.842	6023578.578	8423		GWS	0.68932038835
19278	09/09/2019	12:05:49	0.000	0.000	2088851.466	6023578.279	8646		GWS	0.88614298323
19279	09/09/2019	12:05:50	0.000	0.000	2088854.088	6023577.412	8911		GWS	1.12003530450
19280	09/09/2019	12:05:51	0.000	0.000	2088856.539	6023576.585	8767		GWS	0.99293909974
19281	09/09/2019	12:05:52	0.000	0.000	2088858.145	6023575.308	10052		GWS	2.12709620477
19282	09/09/2019	12:05:53	0.000	0.000	2088859.947	6023573.256	9173		GWS	1.35127978817
19283	09/09/2019	12:05:54	0.000	0.000	2088861.924	6023572.000	10153		GWS	2.21624007061
19284	09/09/2019	12:05:55	0.000	0.000	2088863.599	6023570.317	10488		GWS	2.51191526920
19285	09/09/2019	12:05:56	0.000	0.000	2088865.637	6023568.864	8772		GWS	0.99735216240
19286	09/09/2019	12:05:57	0.000	0.000	2088867.104	6023567.171	8013		GWS	0.32744924978
19287	09/09/2019	12:05:58	0.000	0.000	2088868.446	6023565.090	7673		GWS	0.02736098853
19288	09/09/2019	12:05:59	0.000	0.000	2088870.159	6023563.476	7168		GWS	-0.41835834069
19289	09/09/2019	12:06:00	0.000	0.000	2088871.733	6023561.362	7672		GWS	0.02647837599
19290	09/09/2019	12:06:01	0.000	0.000	2088873.417	6023559.729	7078		GWS	-0.49779346867
19291	09/09/2019	12:06:02	0.000	0.000	2088874.817	6023558.055	7679		GWS	0.03265666372
19292	09/09/2019	12:06:03	0.000	0.000	2088876.092	6023556.256	7380		GWS	-0.23124448367
19293	09/09/2019	12:06:04	0.000	0.000	2088877.484	6023554.615	8175		GWS	0.47043248014
19294	09/09/2019	12:06:05	0.000	0.000	2088878.672	6023552.518	7803		GWS	0.14210061783
19295	09/09/2019	12:06:06	0.000	0.000	2088880.249	6023551.220	6390		GWS	-1.10503089144
19296	09/09/2019	12:06:07	0.000	0.000	2088881.509	6023549.725	5947		GWS	-1.49602824360
19297	09/09/2019	12:06:08	0.000	0.000	2088882.858	6023548.172	5828		GWS	-1.60105913504
19298	09/09/2019	12:06:09	0.000	0.000	2088884.282	6023546.950	4763		GWS	-2.54104148279
19299	09/09/2019	12:06:10	0.000	0.000	2088884.790	6023546.129	5574		GWS	-1.82524271845
19300	09/09/2019	12:06:11	0.000	0.000	2088885.036	6023545.239	5775		GWS	-1.64783759929
19301	09/09/2019	12:06:12	0.000	0.000	2088884.121	6023545.521	5708		GWS	-1.70697263901
19302	09/09/2019	12:06:13	0.000	0.000	2088882.746	6023547.177	7045		GWS	-0.52691968226
19303	09/09/2019	12:06:14	0.000	0.000	2088881.483	6023548.678	8061		GWS	0.36981465137
19304	09/09/2019	12:06:15	0.000	0.000	2088879.850	6023550.661	8945		GWS	1.15004413063
19305	09/09/2019	12:06:16	0.000	0.000	2088879.129	6023549.703	8956		GWS	1.15975286849
19306	09/09/2019	12:06:17	0.000	0.000	2088878.981	6023547.477	8449		GWS	0.71226831421
19307	09/09/2019	12:06:18	0.000	0.000	2088879.727	6023545.164	9024		GWS	1.21977052074
19308	09/09/2019	12:06:19	0.000	0.000	2088881.310	6023543.612	9363		GWS	1.51897616946
19309	09/09/2019	12:06:20	0.000	0.000	2088883.731	6023542.597	6840		GWS	-0.70785525155
19310	09/09/2019	12:06:21	0.000	0.000	2088886.086	6023542.811	7290		GWS	-0.31067961165
19311	09/09/2019	12:06:22	0.000	0.000	2088887.360	6023541.701	6892		GWS	-0.66195939982
19312	09/09/2019	12:06:23	0.000	0.000	2088889.014	6023540.281	7873		GWS	0.20388349515
19313	09/09/2019	12:06:24	0.000	0.000	2088890.388	6023538.144	7128		GWS	-0.45366284201
19314	09/09/2019	12:06:25	0.000	0.000	2088891.715	6023536.287	7122		GWS	-0.45895851721
19315	09/09/2019	12:06:26	0.000	0.000	2088893.087	6023534.493	6310		GWS	-1.17563989409
19316	09/09/2019	12:06:27	0.000	0.000	2088893.858	6023532.695	6467		GWS	-1.03706972639
19317	09/09/2019	12:06:28	0.000	0.000	2088895.431	6023531.125	5516		GWS	-1.87643424537
19318	09/09/2019	12:06:29	0.000	0.000	2088896.315	6023529.363	5765		GWS	-1.65666372462
19319	09/09/2019	12:06:30	0.000	0.000	2088897.683	6023528.110	6392		GWS	-1.10326566637
19320	09/09/2019	12:06:31	0.000	0.000	2088898.581	6023526.626	6368		GWS	-1.12444836717
19321	09/09/2019	12:06:32	0.000	0.000	2088898.533	6023525.005	7322		GWS	-0.28243601059
19322	09/09/2019	12:06:33	0.000	0.000	2088899.164	6023523.530	7140		GWS	-0.44307149162
19323	09/09/2019	12:06:34	0.000	0.000	2088900.294	6023521.936	6975		GWS	-0.58870255958
19324	09/09/2019	12:06:35	0.000	0.000	2088901.476	6023520.955	7683		GWS	0.03618711386
19325	09/09/2019	12:06:36	0.000	0.000	2088902.327	6023519.102	7531		GWS	-0.09796999117
19326	09/09/2019	12:06:37	0.000	0.000	2088903.562	6023517.520	8182		GWS	0.47661076787
19327	09/09/2019	12:06:38	0.000	0.000	2088905.360	6023516.747	7685		GWS	0.03795233892
19328	09/09/2019	12:06:39	0.000	0.000	2088906.767	6023515.734	7021		GWS	-0.54810238305
19329	09/09/2019	12:06:40	0.000	0.000	2088908.487	6023514.454	6705		GWS	-0.82700794351
19330	09/09/2019	12:06:41	0.000	0.000	2088909.887	6023512.446	7496		GWS	-0.12886142983
19331	09/09/2019	12:06:42	0.000	0.000	2088911.280	6023510.363	6794		GWS	-0.74845542807
19332	09/09/2019	12:06:43	0.000	0.000	2088912.617	6023508.456	7308		GWS	-0.29479258606
19333	09/09/2019	12:06:44	0.000	0.000	2088913.856	6023506.507	6717		GWS	-0.81641659312
19334	09/09/2019	12:06:45	0.000	0.000	2088915.369	6023504.994	6749		GWS	-0.78817299206
19335	09/09/2019	12:06:46	0.000	0.000	2088916.609	6023503.543	5557		GWS	-1.84024713151
19336	09/09/2019	12:06:47	0.000	0.000	2088918.086	6023502.493	5076		GWS	-2.26478375993

Gamma Scan Survey Results
Survey Unit 4 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
19337	09/09/2019	12:06:48	0.000	0.000	2088919.536	6023501.385	5562		GWS	-1.83583406884
19338	09/09/2019	12:06:49	0.000	0.000	2088919.777	6023500.754	6354		GWS	-1.13680494263
19339	09/09/2019	12:06:50	0.000	0.000	2088918.498	6023500.178	8488		GWS	0.74669020300
19340	09/09/2019	12:06:51	0.000	0.000	2088917.026	6023501.461	6982		GWS	-0.58252427185
19341	09/09/2019	12:06:52	0.000	0.000	2088916.188	6023502.689	6665		GWS	-0.86231244484
19342	09/09/2019	12:06:53	0.000	0.000	2088914.413	6023504.088	6766		GWS	-0.77316857899
19343	09/09/2019	12:06:54	0.000	0.000	2088912.964	6023505.168	6047		GWS	-1.40776699029
19344	09/09/2019	12:06:55	0.000	0.000	2088912.709	6023505.658	6349		GWS	-1.14121800530
19345	09/09/2019	12:06:56	0.000	0.000	2088913.523	6023505.771	7617		GWS	-0.02206531333
19346	09/09/2019	12:06:57	0.000	0.000	2088913.358	6023504.852	7574		GWS	-0.06001765225
19347	09/09/2019	12:06:58	0.000	0.000	2088913.475	6023502.945	9243		GWS	1.41306266549
19348	09/09/2019	12:06:59	0.000	0.000	2088914.505	6023500.747	8070		GWS	0.37775816417
19349	09/09/2019	12:07:00	0.000	0.000	2088915.598	6023499.114	8077		GWS	0.38393645190
19350	09/09/2019	12:07:01	0.000	0.000	2088917.513	6023498.265	8439		GWS	0.70344218888
19351	09/09/2019	12:07:02	0.000	0.000	2088919.504	6023497.787	7420		GWS	-0.19593998235
19352	09/09/2019	12:07:03	0.000	0.000	2088921.175	6023497.697	7375		GWS	-0.23565754634
19353	09/09/2019	12:07:04	0.000	0.000	2088922.264	6023496.408	7363		GWS	-0.24624889673
19354	09/09/2019	12:07:05	0.000	0.000	2088923.523	6023494.407	7181		GWS	-0.40688437776
19355	09/09/2019	12:07:06	0.000	0.000	2088924.883	6023492.489	6865		GWS	-0.68578993822
19356	09/09/2019	12:07:07	0.000	0.000	2088926.553	6023490.475	6576		GWS	-0.94086496028
19357	09/09/2019	12:07:08	0.000	0.000	2088928.379	6023488.920	6564		GWS	-0.95145631068
19358	09/09/2019	12:07:09	0.000	0.000	2088929.387	6023487.040	6891		GWS	-0.66284201236
19359	09/09/2019	12:07:10	0.000	0.000	2088930.757	6023485.260	7302		GWS	-0.30008826125
19360	09/09/2019	12:07:11	0.000	0.000	2088932.473	6023483.524	7135		GWS	-0.44748455428
19361	09/09/2019	12:07:12	0.000	0.000	2088933.492	6023481.566	8114		GWS	0.41659311562
19362	09/09/2019	12:07:13	0.000	0.000	2088934.872	6023479.691	7008		GWS	-0.55957634598
19363	09/09/2019	12:07:14	0.000	0.000	2088936.089	6023477.693	7482		GWS	-0.14121800530
19364	09/09/2019	12:07:15	0.000	0.000	2088937.227	6023475.647	6760		GWS	-0.77846425419
19365	09/09/2019	12:07:16	0.000	0.000	2088938.865	6023474.099	6490		GWS	-1.01676963813
19366	09/09/2019	12:07:17	0.000	0.000	2088940.223	6023472.219	8372		GWS	0.64430714916
19367	09/09/2019	12:07:18	0.000	0.000	2088941.597	6023470.710	8003		GWS	0.31862312445
19368	09/09/2019	12:07:19	0.000	0.000	2088942.655	6023468.783	7430		GWS	-0.18711385702
19369	09/09/2019	12:07:20	0.000	0.000	2088944.167	6023466.961	7947		GWS	0.26919682260
19370	09/09/2019	12:07:21	0.000	0.000	2088945.725	6023465.319	8287		GWS	0.56928508385
19371	09/09/2019	12:07:22	0.000	0.000	2088947.043	6023463.507	7441		GWS	-0.17740511915
19372	09/09/2019	12:07:23	0.000	0.000	2088948.846	6023461.889	7380		GWS	-0.23124448367
19373	09/09/2019	12:07:24	0.000	0.000	2088949.919	6023459.787	6855		GWS	-0.69461606355
19374	09/09/2019	12:07:25	0.000	0.000	2088951.834	6023457.601	6693		GWS	-0.83759929391
19375	09/09/2019	12:07:26	0.000	0.000	2088952.774	6023456.261	5933		GWS	-1.50838481906
19376	09/09/2019	12:07:27	0.000	0.000	2088953.506	6023454.708	5345		GWS	-2.02736098853
19377	09/09/2019	12:07:28	0.000	0.000	2088955.380	6023453.739	4919		GWS	-2.40335392763
19378	09/09/2019	12:07:29	0.000	0.000	2088956.039	6023453.665	5782		GWS	-1.64165931156
19379	09/09/2019	12:07:30	0.000	0.000	2088955.620	6023452.593	6124		GWS	-1.33980582524
19380	09/09/2019	12:07:31	0.000	0.000	2088954.628	6023453.162	6301		GWS	-1.18358340688
19381	09/09/2019	12:07:32	0.000	0.000	2088953.039	6023454.264	6765		GWS	-0.77405119153
19382	09/09/2019	12:07:33	0.000	0.000	2088951.743	6023455.466	7691		GWS	0.04324801412
19383	09/09/2019	12:07:34	0.000	0.000	2088950.535	6023457.237	7713		GWS	0.06266548985
19384	09/09/2019	12:07:35	0.000	0.000	2088950.186	6023458.456	7778		GWS	0.12003530450
19385	09/09/2019	12:07:36	0.000	0.000	2088950.165	6023457.388	8244		GWS	0.53133274493
19386	09/09/2019	12:07:37	0.000	0.000	2088949.864	6023455.161	9351		GWS	1.50838481906
19387	09/09/2019	12:07:38	0.000	0.000	2088950.918	6023453.057	8937		GWS	1.14298323036
19388	09/09/2019	12:07:39	0.000	0.000	2088952.455	6023451.135	8624		GWS	0.86672550750
19389	09/09/2019	12:07:40	0.000	0.000	2088954.644	6023450.148	8216		GWS	0.50661959400
19390	09/09/2019	12:07:41	0.000	0.000	2088956.489	6023450.502	8324		GWS	0.60194174757
19391	09/09/2019	12:07:42	0.000	0.000	2088957.571	6023449.669	7241		GWS	-0.35392762577
19392	09/09/2019	12:07:43	0.000	0.000	2088959.311	6023448.786	6190		GWS	-1.28155339806
19393	09/09/2019	12:07:44	0.000	0.000	2088960.637	6023447.635	6377		GWS	-1.11650485437
19394	09/09/2019	12:07:45	0.000	0.000	2088959.535	6023446.681	7504		GWS	-0.12180052957
19395	09/09/2019	12:07:46	0.000	0.000	2088957.200	6023445.585	7726		GWS	0.07413945278
19396	09/09/2019	12:07:47	0.000	0.000	2088954.689	6023444.205	8741		GWS	0.96999117388
19397	09/09/2019	12:07:48	0.000	0.000	2088951.960	6023443.250	8515		GWS	0.77052074140

Gamma Scan Survey Results
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SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
19398	09/09/2019	12:07:49	0.000	0.000	2088949.570	6023442.082	8279		GWS	0.56222418358
19399	09/09/2019	12:07:50	0.000	0.000	2088947.079	6023441.079	8069		GWS	0.37687555163
19400	09/09/2019	12:07:51	0.000	0.000	2088944.235	6023440.392	8497		GWS	0.75463371580
19401	09/09/2019	12:07:52	0.000	0.000	2088941.645	6023439.275	8154		GWS	0.45189761695
19402	09/09/2019	12:07:53	0.000	0.000	2088939.296	6023438.440	9598		GWS	1.72639011474
19403	09/09/2019	12:07:54	0.000	0.000	2088936.729	6023437.866	9959		GWS	2.04501323919
19404	09/09/2019	12:07:55	0.000	0.000	2088934.657	6023436.947	9270		GWS	1.43689320388
19405	09/09/2019	12:07:56	0.000	0.000	2088932.531	6023435.492	9727		GWS	1.84024713151
19406	09/09/2019	12:07:57	0.000	0.000	2088931.823	6023433.358	9601		GWS	1.72903795234
19407	09/09/2019	12:07:58	0.000	0.000	2088932.411	6023431.128	10320		GWS	2.36363636364
19408	09/09/2019	12:07:59	0.000	0.000	2088933.966	6023429.302	10920		GWS	2.89320388350
19409	09/09/2019	12:08:00	0.000	0.000	2088936.073	6023428.853	9960		GWS	2.04589585172
19410	09/09/2019	12:08:01	0.000	0.000	2088938.514	6023429.014	10020		GWS	2.09885260371
19411	09/09/2019	12:08:02	0.000	0.000	2088940.254	6023430.275	9645		GWS	1.76787290380
19412	09/09/2019	12:08:03	0.000	0.000	2088940.939	6023432.184	9761		GWS	1.87025595763
19413	09/09/2019	12:08:04	0.000	0.000	2088940.610	6023434.186	9280		GWS	1.44571932921
19414	09/09/2019	12:08:05	0.000	0.000	2088939.405	6023435.749	8890		GWS	1.10150044131
19415	09/09/2019	12:08:06	0.000	0.000	2088937.487	6023436.957	9092		GWS	1.27978817299
19416	09/09/2019	12:08:07	0.000	0.000	2088936.373	6023436.029	9263		GWS	1.43071491615
19417	09/09/2019	12:08:08	0.000	0.000	2088935.130	6023434.634	8945		GWS	1.15004413063
19418	09/09/2019	12:08:09	0.000	0.000	2088934.965	6023433.125	8176		GWS	0.47131509267
19419	09/09/2019	12:08:10	0.000	0.000	2088935.868	6023431.799	8074		GWS	0.38128861430
19420	09/09/2019	12:08:11	0.000	0.000	2088937.275	6023431.780	8228		GWS	0.51721094440
19421	09/09/2019	12:08:12	0.000	0.000	2088937.606	6023432.585	7967		GWS	0.28684907326
19422	09/09/2019	12:08:13	0.000	0.000	2088936.935	6023432.489	8381		GWS	0.65225066196
19423	09/09/2019	12:08:14	0.000	0.000	2088936.986	6023432.843	7075		GWS	-0.50044130627
19424	09/09/2019	12:08:15	0.000	0.000	2088937.622	6023432.777	8489		GWS	0.74757281553
19425	09/09/2019	12:08:16	0.000	0.000	2088937.948	6023433.345	7522		GWS	-0.10591350397
19426	09/09/2019	12:08:17	0.000	0.000	2088940.071	6023434.309	8840		GWS	1.05736981465
19427	09/09/2019	12:08:18	0.000	0.000	2088942.759	6023435.475	8480		GWS	0.73962930274
19428	09/09/2019	12:08:19	0.000	0.000	2088945.134	6023437.068	8930		GWS	1.13680494263
19429	09/09/2019	12:08:20	0.000	0.000	2088947.520	6023438.127	7962		GWS	0.28243601059
19430	09/09/2019	12:08:21	0.000	0.000	2088950.020	6023438.932	7150		GWS	-0.43424536628
19431	09/09/2019	12:08:22	0.000	0.000	2088952.658	6023440.103	8387		GWS	0.65754633716
19432	09/09/2019	12:08:23	0.000	0.000	2088955.259	6023441.263	8276		GWS	0.55957634598
19433	09/09/2019	12:08:24	0.000	0.000	2088957.092	6023443.228	8189		GWS	0.48278905561
19434	09/09/2019	12:08:25	0.000	0.000	2088958.283	6023445.541	8137		GWS	0.43689320388
19435	09/09/2019	12:08:26	0.000	0.000	2088959.621	6023446.229	6774		GWS	-0.76610767873
19436	09/09/2019	12:08:27	0.000	0.000	2088961.537	6023445.662	5863		GWS	-1.57016769638
19437	09/09/2019	12:08:28	0.000	0.000	2088963.017	6023443.456	7238		GWS	-0.35657546337
19438	09/09/2019	12:08:29	0.000	0.000	2088964.235	6023440.961	7479		GWS	-0.14386584290
19439	09/09/2019	12:08:30	0.000	0.000	2088965.854	6023438.823	7390		GWS	-0.22241835834
19440	09/09/2019	12:08:31	0.000	0.000	2088967.279	6023436.525	7397		GWS	-0.21624007061
19441	09/09/2019	12:08:32	0.000	0.000	2088969.138	6023434.497	7729		GWS	0.07678729038
19442	09/09/2019	12:08:33	0.000	0.000	2088970.774	6023432.800	7452		GWS	-0.16769638129
19443	09/09/2019	12:08:34	0.000	0.000	2088972.235	6023430.815	7563		GWS	-0.06972639011
19444	09/09/2019	12:08:35	0.000	0.000	2088974.006	6023428.936	8700		GWS	0.93380406002
19445	09/09/2019	12:08:36	0.000	0.000	2088975.248	6023426.820	7995		GWS	0.31156222418
19446	09/09/2019	12:08:37	0.000	0.000	2088976.335	6023424.798	7398		GWS	-0.21535745808
19447	09/09/2019	12:08:38	0.000	0.000	2088977.857	6023423.185	7669		GWS	0.02383053839
19448	09/09/2019	12:08:39	0.000	0.000	2088979.374	6023421.071	8487		GWS	0.74580759047
19449	09/09/2019	12:08:40	0.000	0.000	2088981.308	6023419.314	7903		GWS	0.23036187114
19450	09/09/2019	12:08:41	0.000	0.000	2088983.284	6023417.400	8203		GWS	0.49514563107
19451	09/09/2019	12:08:42	0.000	0.000	2088984.370	6023415.177	8050		GWS	0.36010591350
19452	09/09/2019	12:08:43	0.000	0.000	2088986.051	6023413.431	7022		GWS	-0.54721977052
19453	09/09/2019	12:08:44	0.000	0.000	2088987.524	6023411.189	7275		GWS	-0.32391879965
19454	09/09/2019	12:08:45	0.000	0.000	2088988.448	6023409.377	7608		GWS	-0.03000882613
19455	09/09/2019	12:08:46	0.000	0.000	2088989.683	6023407.947	5112		GWS	-2.23300970874
19456	09/09/2019	12:08:47	0.000	0.000	2088990.811	6023406.348	4585		GWS	-2.69814651368
19457	09/09/2019	12:08:48	0.000	0.000	2088992.136	6023405.639	5879		GWS	-1.55604589585
19458	09/09/2019	12:08:49	0.000	0.000	2088992.159	6023404.994	5774		GWS	-1.64872021183

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SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
19459	09/09/2019	12:08:50	0.000	0.000	2088991.191	6023404.869	6680		GWS	-0.84907325684
19460	09/09/2019	12:08:51	0.000	0.000	2088989.653	6023405.650	7760		GWS	0.10414827891
19461	09/09/2019	12:08:52	0.000	0.000	2088989.178	6023407.268	8090		GWS	0.39541041483
19462	09/09/2019	12:08:53	0.000	0.000	2088988.015	6023408.439	8652		GWS	0.89143865843
19463	09/09/2019	12:08:54	0.000	0.000	2088987.063	6023409.918	8073		GWS	0.38040600177
19464	09/09/2019	12:08:55	0.000	0.000	2088986.284	6023410.192	7988		GWS	0.30538393645
19465	09/09/2019	12:08:56	0.000	0.000	2088986.420	6023408.866	7967		GWS	0.28684907326
19466	09/09/2019	12:08:57	0.000	0.000	2088986.713	6023406.447	8741		GWS	0.96999117388
19467	09/09/2019	12:08:58	0.000	0.000	2088988.159	6023404.589	9145		GWS	1.32656663725
19468	09/09/2019	12:08:59	0.000	0.000	2088990.469	6023402.947	7356		GWS	-0.25242718447
19469	09/09/2019	12:09:00	0.000	0.000	2088992.533	6023402.439	7989		GWS	0.30626654899
19470	09/09/2019	12:09:01	0.000	0.000	2088994.445	6023401.763	7337		GWS	-0.26919682260
19471	09/09/2019	12:09:02	0.000	0.000	2088995.947	6023400.121	6214		GWS	-1.26037069726
19472	09/09/2019	12:09:03	0.000	0.000	2088997.602	6023398.486	7733		GWS	0.08031774051
19473	09/09/2019	12:09:04	0.000	0.000	2088998.741	6023396.538	7333		GWS	-0.27272727273
19474	09/09/2019	12:09:05	0.000	0.000	2088999.698	6023394.494	7713		GWS	0.06266548985
19475	09/09/2019	12:09:06	0.000	0.000	2089000.925	6023392.920	6578		GWS	-0.93909973522
19476	09/09/2019	12:09:07	0.000	0.000	2089001.205	6023391.477	6354		GWS	-1.13680494263
19477	09/09/2019	12:09:08	0.000	0.000	2089001.891	6023389.982	7288		GWS	-0.31244483672
19478	09/09/2019	12:09:09	0.000	0.000	2089002.544	6023388.249	7072		GWS	-0.50308914387
19479	09/09/2019	12:09:10	0.000	0.000	2089003.632	6023387.318	8038		GWS	0.34951456311
19480	09/09/2019	12:09:11	0.000	0.000	2089004.502	6023385.639	8699		GWS	0.93292144749
19481	09/09/2019	12:09:12	0.000	0.000	2089005.867	6023384.414	7335		GWS	-0.27096204766
19482	09/09/2019	12:09:13	0.000	0.000	2089007.560	6023383.595	7383		GWS	-0.22859664607
19483	09/09/2019	12:09:14	0.000	0.000	2089009.035	6023383.272	7905		GWS	0.23212709621
19484	09/09/2019	12:09:15	0.000	0.000	2089010.470	6023382.477	6836		GWS	-0.71138570168
19485	09/09/2019	12:09:16	0.000	0.000	2089010.964	6023381.232	8549		GWS	0.80052956752
19486	09/09/2019	12:09:17	0.000	0.000	2089012.152	6023380.038	6607		GWS	-0.91350397176
19487	09/09/2019	12:09:18	0.000	0.000	2089012.677	6023377.940	6661		GWS	-0.86584289497
19488	09/09/2019	12:09:19	0.000	0.000	2089014.019	6023376.077	5790		GWS	-1.63459841130
19489	09/09/2019	12:09:20	0.000	0.000	2089015.669	6023374.186	7513		GWS	-0.11385701677
19490	09/09/2019	12:09:21	0.000	0.000	2089016.973	6023372.084	6408		GWS	-1.08914386584
19491	09/09/2019	12:09:22	0.000	0.000	2089018.726	6023370.323	6942		GWS	-0.61782877317
19492	09/09/2019	12:09:23	0.000	0.000	2089019.949	6023368.315	6715		GWS	-0.81818181818
19493	09/09/2019	12:09:24	0.000	0.000	2089021.399	6023366.153	7049		GWS	-0.52338923213
19494	09/09/2019	12:09:25	0.000	0.000	2089023.217	6023364.446	7882		GWS	0.21182700794
19495	09/09/2019	12:09:26	0.000	0.000	2089024.740	6023362.588	7880		GWS	0.21006178288
19496	09/09/2019	12:09:27	0.000	0.000	2089026.210	6023361.239	7190		GWS	-0.39894086496
19497	09/09/2019	12:09:28	0.000	0.000	2089027.383	6023359.789	5216		GWS	-2.14121800530
19498	09/09/2019	12:09:29	0.000	0.000	2089028.483	6023358.532	4899		GWS	-2.42100617829
19499	09/09/2019	12:09:30	0.000	0.000	2089029.319	6023357.601	6318		GWS	-1.16857899382
19500	09/09/2019	12:09:31	0.000	0.000	2089028.631	6023357.106	5779		GWS	-1.64430714916
19501	09/09/2019	12:09:32	0.000	0.000	2089027.340	6023357.329	5883		GWS	-1.55251544572
19502	09/09/2019	12:09:33	0.000	0.000	2089026.078	6023358.346	6167		GWS	-1.30185348632
19503	09/09/2019	12:09:34	0.000	0.000	2089025.470	6023360.239	7271		GWS	-0.32744924978
19504	09/09/2019	12:09:35	0.000	0.000	2089024.140	6023361.783	7518		GWS	-0.10944395410
19505	09/09/2019	12:09:36	0.000	0.000	2089022.800	6023362.599	7189		GWS	-0.39982347749
19506	09/09/2019	12:09:37	0.000	0.000	2089022.646	6023361.472	8157		GWS	0.45454545455
19507	09/09/2019	12:09:38	0.000	0.000	2089022.731	6023359.149	8219		GWS	0.50926743160
19508	09/09/2019	12:09:39	0.000	0.000	2089023.907	6023357.100	8475		GWS	0.73521624007
19509	09/09/2019	12:09:40	0.000	0.000	2089025.786	6023355.801	8928		GWS	1.13503971756
19510	09/09/2019	12:09:41	0.000	0.000	2089027.973	6023355.199	8532		GWS	0.78552515446
19511	09/09/2019	12:09:42	0.000	0.000	2089030.113	6023355.113	7443		GWS	-0.17563989409
19512	09/09/2019	12:09:43	0.000	0.000	2089031.817	6023353.582	6660		GWS	-0.86672550750
19513	09/09/2019	12:09:44	0.000	0.000	2089033.022	6023351.391	6375		GWS	-1.11827007944
19514	09/09/2019	12:09:45	0.000	0.000	2089034.806	6023349.420	7023		GWS	-0.54633715799
19515	09/09/2019	12:09:46	0.000	0.000	2089036.193	6023347.217	6676		GWS	-0.85260370697
19516	09/09/2019	12:09:47	0.000	0.000	2089037.745	6023345.320	8389		GWS	0.65931156222
19517	09/09/2019	12:09:48	0.000	0.000	2089039.383	6023343.360	7767		GWS	0.11032656664
19518	09/09/2019	12:09:49	0.000	0.000	2089040.626	6023341.344	7222		GWS	-0.37069726390
19519	09/09/2019	12:09:50	0.000	0.000	2089042.086	6023339.697	7085		GWS	-0.49161518094

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SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
19520	09/09/2019	12:09:51	0.000	0.000	2089043.267	6023337.622	7321		GWS	-0.28331862312
19521	09/09/2019	12:09:52	0.000	0.000	2089044.772	6023335.765	7290		GWS	-0.31067961165
19522	09/09/2019	12:09:53	0.000	0.000	2089046.460	6023334.042	7252		GWS	-0.34421888791
19523	09/09/2019	12:09:54	0.000	0.000	2089047.892	6023332.182	8443		GWS	0.70697263901
19524	09/09/2019	12:09:55	0.000	0.000	2089049.665	6023330.702	7511		GWS	-0.11562224184
19525	09/09/2019	12:09:56	0.000	0.000	2089050.635	6023328.742	7577		GWS	-0.05736981465
19526	09/09/2019	12:09:57	0.000	0.000	2089051.804	6023326.596	6784		GWS	-0.75728155340
19527	09/09/2019	12:09:58	0.000	0.000	2089053.273	6023324.885	7006		GWS	-0.56134157105
19528	09/09/2019	12:09:59	0.000	0.000	2089054.433	6023322.980	7061		GWS	-0.51279788173
19529	09/09/2019	12:10:00	0.000	0.000	2089055.836	6023321.427	8155		GWS	0.45278022948
19530	09/09/2019	12:10:01	0.000	0.000	2089057.105	6023319.541	7469		GWS	-0.15269196823
19531	09/09/2019	12:10:02	0.000	0.000	2089058.965	6023317.981	7687		GWS	0.03971756399
19532	09/09/2019	12:10:03	0.000	0.000	2089060.664	6023316.052	6091		GWS	-1.36893203883
19533	09/09/2019	12:10:04	0.000	0.000	2089061.808	6023314.235	6082		GWS	-1.37687555163
19534	09/09/2019	12:10:05	0.000	0.000	2089062.982	6023312.963	5026		GWS	-2.30891438658
19535	09/09/2019	12:10:06	0.000	0.000	2089064.285	6023311.486	5002		GWS	-2.33009708738
19536	09/09/2019	12:10:07	0.000	0.000	2089065.621	6023310.658	5806		GWS	-1.62047661077
19537	09/09/2019	12:10:08	0.000	0.000	2089065.106	6023309.796	6153		GWS	-1.31421006178
19538	09/09/2019	12:10:09	0.000	0.000	2089063.800	6023310.327	6027		GWS	-1.42541924095
19539	09/09/2019	12:10:10	0.000	0.000	2089062.097	6023311.476	6850		GWS	-0.69902912621
19540	09/09/2019	12:10:11	0.000	0.000	2089061.681	6023313.377	7502		GWS	-0.12356575463
19541	09/09/2019	12:10:12	0.000	0.000	2089061.023	6023315.532	7695		GWS	0.04677846425
19542	09/09/2019	12:10:13	0.000	0.000	2089059.964	6023315.750	7503		GWS	-0.12268314210
19543	09/09/2019	12:10:14	0.000	0.000	2089058.567	6023314.163	7276		GWS	-0.32303618711
19544	09/09/2019	12:10:15	0.000	0.000	2089058.921	6023312.100	9199		GWS	1.37422771403
19545	09/09/2019	12:10:16	0.000	0.000	2089059.994	6023309.806	8779		GWS	1.00353045013
19546	09/09/2019	12:10:17	0.000	0.000	2089061.688	6023308.391	8015		GWS	0.32921447485
19547	09/09/2019	12:10:18	0.000	0.000	2089064.020	6023308.080	8453		GWS	0.71579876434
19548	09/09/2019	12:10:19	0.000	0.000	2089065.654	6023308.070	8893		GWS	1.10414827891
19549	09/09/2019	12:10:20	0.000	0.000	2089067.410	6023308.171	7083		GWS	-0.49338040600
19550	09/09/2019	12:10:21	0.000	0.000	2089067.287	6023307.675	7740		GWS	0.08649602824
19551	09/09/2019	12:10:22	0.000	0.000	2089066.524	6023306.115	7455		GWS	-0.16504854369
19552	09/09/2019	12:10:23	0.000	0.000	2089065.755	6023303.774	7083		GWS	-0.49338040600
19553	09/09/2019	12:10:24	0.000	0.000	2089066.725	6023301.708	8371		GWS	0.64342453663
19554	09/09/2019	12:10:25	0.000	0.000	2089068.542	6023300.262	7672		GWS	0.02647837599
19555	09/09/2019	12:10:26	0.000	0.000	2089070.462	6023299.728	8188		GWS	0.48190644307
19556	09/09/2019	12:10:27	0.000	0.000	2089072.642	6023299.669	8047		GWS	0.35745807591
19557	09/09/2019	12:10:28	0.000	0.000	2089073.653	6023298.159	8731		GWS	0.96116504854
19558	09/09/2019	12:10:29	0.000	0.000	2089074.330	6023296.141	8332		GWS	0.60900264784
19559	09/09/2019	12:10:30	0.000	0.000	2089075.131	6023293.947	8773		GWS	0.99823477493
19560	09/09/2019	12:10:31	0.000	0.000	2089076.476	6023291.986	10323		GWS	2.36628420124
19561	09/09/2019	12:10:32	0.000	0.000	2089077.581	6023289.673	10530		GWS	2.54898499559
19562	09/09/2019	12:10:33	0.000	0.000	2089079.006	6023287.919	9262		GWS	1.42983230362
19563	09/09/2019	12:10:34	0.000	0.000	2089081.010	6023286.990	9485		GWS	1.62665489850
19564	09/09/2019	12:10:35	0.000	0.000	2089082.854	6023286.083	8341		GWS	0.61694616064
19565	09/09/2019	12:10:36	0.000	0.000	2089084.398	6023284.775	7425		GWS	-0.19152691968
19566	09/09/2019	12:10:37	0.000	0.000	2089085.510	6023282.866	7016		GWS	-0.55251544572
19567	09/09/2019	12:10:38	0.000	0.000	2089087.095	6023281.425	7754		GWS	0.09885260371
19568	09/09/2019	12:10:39	0.000	0.000	2089088.490	6023279.623	7758		GWS	0.10238305384
19569	09/09/2019	12:10:40	0.000	0.000	2089090.091	6023277.840	7009		GWS	-0.55869373345
19570	09/09/2019	12:10:41	0.000	0.000	2089091.495	6023276.000	7302		GWS	-0.30008826125
19571	09/09/2019	12:10:42	0.000	0.000	2089093.051	6023274.312	7165		GWS	-0.42100617829
19572	09/09/2019	12:10:43	0.000	0.000	2089094.395	6023272.439	7701		GWS	0.05207413945
19573	09/09/2019	12:10:44	0.000	0.000	2089095.611	6023269.906	8585		GWS	0.83230361871
19574	09/09/2019	12:10:45	0.000	0.000	2089097.343	6023267.754	6976		GWS	-0.58781994704
19575	09/09/2019	12:10:46	0.000	0.000	2089098.274	6023265.754	5344		GWS	-2.02824360106
19576	09/09/2019	12:10:47	0.000	0.000	2089099.539	6023264.485	5053		GWS	-2.28508384819
19577	09/09/2019	12:10:48	0.000	0.000	2089101.257	6023263.572	5040		GWS	-2.29655781112
19578	09/09/2019	12:10:49	0.000	0.000	2089102.049	6023263.135	6262		GWS	-1.21800529568
19579	09/09/2019	12:10:50	0.000	0.000	2089100.862	6023262.677	6248		GWS	-1.23036187114
19580	09/09/2019	12:10:51	0.000	0.000	2089099.530	6023263.538	6572		GWS	-0.94439541042

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SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
19581	09/09/2019	12:10:52	0.000	0.000	2089098.435	6023264.787	7283		GWS	-0.31685789938
19582	09/09/2019	12:10:53	0.000	0.000	2089096.588	6023267.231	7400		GWS	-0.21359223301
19583	09/09/2019	12:10:54	0.000	0.000	2089095.747	6023268.330	6560		GWS	-0.95498676081
19584	09/09/2019	12:10:55	0.000	0.000	2089095.684	6023267.655	8870		GWS	1.08384819064
19585	09/09/2019	12:10:56	0.000	0.000	2089095.285	6023265.684	8277		GWS	0.56045895852
19586	09/09/2019	12:10:57	0.000	0.000	2089096.027	6023263.611	8759		GWS	0.98587819947
19587	09/09/2019	12:10:58	0.000	0.000	2089097.852	6023261.392	9300		GWS	1.46337157988
19588	09/09/2019	12:10:59	0.000	0.000	2089100.018	6023260.244	10005		GWS	2.08561341571
19589	09/09/2019	12:11:00	0.000	0.000	2089102.019	6023259.998	7961		GWS	0.28155339806
19590	09/09/2019	12:11:01	0.000	0.000	2089103.745	6023259.100	6400		GWS	-1.09620476611
19591	09/09/2019	12:11:02	0.000	0.000	2089105.306	6023257.656	7030		GWS	-0.54015887026
19592	09/09/2019	12:11:03	0.000	0.000	2089106.612	6023255.482	7667		GWS	0.02206531333
19593	09/09/2019	12:11:04	0.000	0.000	2089108.413	6023253.931	8366		GWS	0.63901147396
19594	09/09/2019	12:11:05	0.000	0.000	2089109.811	6023252.575	7701		GWS	0.05207413945
19595	09/09/2019	12:11:06	0.000	0.000	2089110.889	6023251.885	7775		GWS	0.11738746690
19596	09/09/2019	12:11:07	0.000	0.000	2089111.095	6023251.874	8093		GWS	0.39805825243
19597	09/09/2019	12:11:08	0.000	0.000	2089111.147	6023251.923	8683		GWS	0.91879964696
19598	09/09/2019	12:11:09	0.000	0.000	2089111.322	6023251.656	7721		GWS	0.06972639011
19599	09/09/2019	12:11:10	0.000	0.000	2089110.520	6023252.147	7990		GWS	0.30714916152
19600	09/09/2019	12:11:11	0.000	0.000	2089108.832	6023251.907	7517		GWS	-0.11032656664
19601	09/09/2019	12:11:12	0.000	0.000	2089106.190	6023252.119	8299		GWS	0.57987643425
19602	09/09/2019	12:11:13	0.000	0.000	2089103.482	6023253.362	8554		GWS	0.80494263019
19603	09/09/2019	12:11:14	0.000	0.000	2089100.548	6023254.739	7088		GWS	-0.48896734334
19604	09/09/2019	12:11:15	0.000	0.000	2089097.526	6023256.224	7862		GWS	0.19417475728
19605	09/09/2019	12:11:16	0.000	0.000	2089094.741	6023258.071	8055		GWS	0.36451897617
19606	09/09/2019	12:11:17	0.000	0.000	2089092.151	6023259.918	8013		GWS	0.32744924978
19607	09/09/2019	12:11:18	0.000	0.000	2089089.800	6023261.949	6833		GWS	-0.71403353928
19608	09/09/2019	12:11:19	0.000	0.000	2089088.035	6023264.503	7858		GWS	0.19064430715
19609	09/09/2019	12:11:20	0.000	0.000	2089086.440	6023267.227	7724		GWS	0.07237422771
19610	09/09/2019	12:11:21	0.000	0.000	2089084.481	6023269.721	9071		GWS	1.26125330980
19611	09/09/2019	12:11:22	0.000	0.000	2089082.787	6023272.426	7877		GWS	0.20741394528
19612	09/09/2019	12:11:23	0.000	0.000	2089082.003	6023275.155	7399		GWS	-0.21447484554
19613	09/09/2019	12:11:24	0.000	0.000	2089080.663	6023277.643	6109		GWS	-1.35304501324
19614	09/09/2019	12:11:25	0.000	0.000	2089078.746	6023279.974	7167		GWS	-0.41924095322
19615	09/09/2019	12:11:26	0.000	0.000	2089076.574	6023282.051	7132		GWS	-0.45013239188
19616	09/09/2019	12:11:27	0.000	0.000	2089073.745	6023283.371	8893		GWS	1.10414827891
19617	09/09/2019	12:11:28	0.000	0.000	2089071.045	6023284.479	7893		GWS	0.22153574581
19618	09/09/2019	12:11:29	0.000	0.000	2089068.659	6023285.451	7793		GWS	0.13327449250
19619	09/09/2019	12:11:30	0.000	0.000	2089066.401	6023286.043	6598		GWS	-0.92144748455
19620	09/09/2019	12:11:31	0.000	0.000	2089063.941	6023286.964	8159		GWS	0.45631067961
19621	09/09/2019	12:11:32	0.000	0.000	2089061.014	6023287.967	8490		GWS	0.74845542807
19622	09/09/2019	12:11:33	0.000	0.000	2089058.157	6023288.351	8632		GWS	0.87378640777
19623	09/09/2019	12:11:34	0.000	0.000	2089055.327	6023288.939	8458		GWS	0.72021182701
19624	09/09/2019	12:11:35	0.000	0.000	2089052.717	6023289.914	9284		GWS	1.44924977935
19625	09/09/2019	12:11:36	0.000	0.000	2089050.779	6023290.892	8831		GWS	1.04942630185
19626	09/09/2019	12:11:37	0.000	0.000	2089049.305	6023292.669	9047		GWS	1.24007060900
19627	09/09/2019	12:11:38	0.000	0.000	2089047.609	6023293.770	9161		GWS	1.34068843778
19628	09/09/2019	12:11:39	0.000	0.000	2089045.701	6023294.250	8680		GWS	0.91615180936
19629	09/09/2019	12:11:40	0.000	0.000	2089043.689	6023293.663	9370		GWS	1.52515445719
19630	09/09/2019	12:11:41	0.000	0.000	2089042.319	6023292.069	8312		GWS	0.59135039718
19631	09/09/2019	12:11:42	0.000	0.000	2089041.662	6023289.937	8918		GWS	1.12621359223
19632	09/09/2019	12:11:43	0.000	0.000	2089042.404	6023288.398	9789		GWS	1.89496910856
19633	09/09/2019	12:11:44	0.000	0.000	2089043.692	6023286.636	9197		GWS	1.37246248897
19634	09/09/2019	12:11:45	0.000	0.000	2089045.493	6023285.746	8839		GWS	1.05648720212
19635	09/09/2019	12:11:46	0.000	0.000	2089047.851	6023285.903	9529		GWS	1.66548984996
19636	09/09/2019	12:11:47	0.000	0.000	2089049.239	6023287.224	9252		GWS	1.42100617829
19637	09/09/2019	12:11:48	0.000	0.000	2089049.796	6023289.432	10083		GWS	2.15445719329
19638	09/09/2019	12:11:49	0.000	0.000	2089049.799	6023291.998	9660		GWS	1.78111209179
19639	09/09/2019	12:11:50	0.000	0.000	2089048.485	6023292.578	8865		GWS	1.07943512798
19640	09/09/2019	12:11:51	0.000	0.000	2089046.935	6023292.501	7976		GWS	0.29479258606
19641	09/09/2019	12:11:52	0.000	0.000	2089046.052	6023291.759	7274		GWS	-0.32480141218

Gamma Scan Survey Results
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SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
19642	09/09/2019	12:11:53	0.000	0.000	2089044.824	6023290.674	6648		GWS	-0.87731685790
19643	09/09/2019	12:11:54	0.000	0.000	2089044.796	6023289.021	6942		GWS	-0.61782877317
19644	09/09/2019	12:11:55	0.000	0.000	2089045.778	6023288.937	7705		GWS	0.05560458959
19645	09/09/2019	12:11:56	0.000	0.000	2089046.654	6023289.359	7506		GWS	-0.12003530450
19646	09/09/2019	12:11:57	0.000	0.000	2089047.001	6023290.180	8506		GWS	0.76257722860
19647	09/09/2019	12:11:58	0.000	0.000	2089047.116	6023290.378	8246		GWS	0.53309796999
19648	09/09/2019	12:11:59	0.000	0.000	2089047.881	6023290.424	7911		GWS	0.23742277140
19649	09/09/2019	12:12:00	0.000	0.000	2089047.946	6023289.634	8488		GWS	0.74669020300
19650	09/09/2019	12:12:01	0.000	0.000	2089046.863	6023289.510	8452		GWS	0.71491615181
19651	09/09/2019	12:12:02	0.000	0.000	2089045.214	6023290.058	8263		GWS	0.54810238305
19652	09/09/2019	12:12:03	0.000	0.000	2089045.695	6023291.474	8455		GWS	0.71756398941
19653	09/09/2019	12:12:04	0.000	0.000	2089046.622	6023292.942	8174		GWS	0.46954986761
19654	09/09/2019	12:12:05	0.000	0.000	2089048.593	6023293.789	7473		GWS	-0.14916151809
19655	09/09/2019	12:12:06	0.000	0.000	2089051.574	6023293.987	7778		GWS	0.12003530450
19656	09/09/2019	12:12:07	0.000	0.000	2089054.316	6023294.291	8274		GWS	0.55781112092
19657	09/09/2019	12:12:08	0.000	0.000	2089057.097	6023294.361	7888		GWS	0.21712268314
19658	09/09/2019	12:12:09	0.000	0.000	2089059.735	6023293.598	8032		GWS	0.34421888791
19659	09/09/2019	12:12:10	0.000	0.000	2089062.612	6023292.768	8668		GWS	0.90556045896
19660	09/09/2019	12:12:11	0.000	0.000	2089065.197	6023291.734	8347		GWS	0.62224183583
19661	09/09/2019	12:12:12	0.000	0.000	2089067.511	6023290.055	8476		GWS	0.73609885260
19662	09/09/2019	12:12:13	0.000	0.000	2089069.857	6023288.815	7999		GWS	0.31509267432
19663	09/09/2019	12:12:14	0.000	0.000	2089072.116	6023287.494	8629		GWS	0.87113857017
19664	09/09/2019	12:12:15	0.000	0.000	2089074.474	6023286.270	8967		GWS	1.16946160635
19665	09/09/2019	12:12:16	0.000	0.000	2089077.093	6023285.963	8872		GWS	1.08561341571
19666	09/09/2019	12:12:17	0.000	0.000	2089079.676	6023285.406	8128		GWS	0.42894969109
19667	09/09/2019	12:12:18	0.000	0.000	2089082.132	6023285.088	7882		GWS	0.21182700794
19668	09/09/2019	12:12:19	0.000	0.000	2089084.491	6023284.235	7790		GWS	0.13062665490
19669	09/09/2019	12:12:20	0.000	0.000	2089086.108	6023282.451	6537		GWS	-0.97528684907
19670	09/09/2019	12:12:21	0.000	0.000	2089087.716	6023280.669	6134		GWS	-1.33097969991
19671	09/09/2019	12:12:22	0.000	0.000	2089088.874	6023278.500	7173		GWS	-0.41394527802
19672	09/09/2019	12:12:23	0.000	0.000	2089089.617	6023276.622	7013		GWS	-0.55516328332
19673	09/09/2019	12:12:24	0.000	0.000	2089090.619	6023274.782	7693		GWS	0.04501323919
19674	09/09/2019	12:12:25	0.000	0.000	2089091.748	6023272.706	6783		GWS	-0.75816416593
19675	09/09/2019	12:12:26	0.000	0.000	2089093.546	6023271.125	6915		GWS	-0.64165931156
19676	09/09/2019	12:12:27	0.000	0.000	2089095.028	6023269.650	7278		GWS	-0.32127096205
19677	09/09/2019	12:12:28	0.000	0.000	2089096.070	6023268.347	7159		GWS	-0.42630185349
19678	09/09/2019	12:12:29	0.000	0.000	2089097.501	6023266.989	7010		GWS	-0.55781112092
19679	09/09/2019	12:12:30	0.000	0.000	2089098.670	6023265.463	5793		GWS	-1.63195057370
19680	09/09/2019	12:12:31	0.000	0.000	2089099.829	6023264.544	4998		GWS	-2.33362753751
19681	09/09/2019	12:12:32	0.000	0.000	2089101.152	6023263.572	5354		GWS	-2.01941747573
19682	09/09/2019	12:12:33	0.000	0.000	2089101.557	6023262.784	6529		GWS	-0.98234774934
19683	09/09/2019	12:12:34	0.000	0.000	2089101.268	6023262.657	6132		GWS	-1.33274492498
19684	09/09/2019	12:12:35	0.000	0.000	2089100.087	6023262.985	5974		GWS	-1.47219770521
19685	09/09/2019	12:12:36	0.000	0.000	2089098.767	6023264.750	6305		GWS	-1.18005295675
19686	09/09/2019	12:12:37	0.000	0.000	2089097.025	6023266.613	7366		GWS	-0.24360105914
19687	09/09/2019	12:12:38	0.000	0.000	2089095.513	6023266.132	7931		GWS	0.25507502207
19688	09/09/2019	12:12:39	0.000	0.000	2089095.054	6023263.939	7353		GWS	-0.25507502207
19689	09/09/2019	12:12:40	0.000	0.000	2089096.181	6023261.888	8348		GWS	0.62312444837
19690	09/09/2019	12:12:41	0.000	0.000	2089098.221	6023260.333	8207		GWS	0.49867608120
19691	09/09/2019	12:12:42	0.000	0.000	2089100.609	6023259.811	8411		GWS	0.67872903795
19692	09/09/2019	12:12:43	0.000	0.000	2089102.961	6023260.021	8973		GWS	1.17475728155
19693	09/09/2019	12:12:44	0.000	0.000	2089104.642	6023258.768	7013		GWS	-0.55516328332
19694	09/09/2019	12:12:45	0.000	0.000	2089105.865	6023256.780	7753		GWS	0.09796999117
19695	09/09/2019	12:12:46	0.000	0.000	2089107.305	6023254.874	7038		GWS	-0.53309796999
19696	09/09/2019	12:12:47	0.000	0.000	2089108.474	6023252.541	7719		GWS	0.06796116505
19697	09/09/2019	12:12:48	0.000	0.000	2089109.578	6023249.972	7444		GWS	-0.17475728155
19698	09/09/2019	12:12:49	0.000	0.000	2089110.639	6023247.368	7831		GWS	0.16681376876
19699	09/09/2019	12:12:50	0.000	0.000	2089111.204	6023244.904	7417		GWS	-0.19858781995
19700	09/09/2019	12:12:51	0.000	0.000	2089112.584	6023243.032	5844		GWS	-1.58693733451
19701	09/09/2019	12:12:52	0.000	0.000	2089114.351	6023241.300	5950		GWS	-1.49338040600
19702	09/09/2019	12:12:53	0.000	0.000	2089116.439	6023239.573	8216		GWS	0.50661959400

Gamma Scan Survey Results
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SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
19703	09/09/2019	12:12:54	0.000	0.000	2089118.824	6023238.574	7664		GWS	0.01941747573
19704	09/09/2019	12:12:55	0.000	0.000	2089120.737	6023237.299	7706		GWS	0.05648720212
19705	09/09/2019	12:12:56	0.000	0.000	2089122.084	6023235.495	7536		GWS	-0.09355692851
19706	09/09/2019	12:12:57	0.000	0.000	2089123.943	6023233.718	7854		GWS	0.18711385702
19707	09/09/2019	12:12:58	0.000	0.000	2089125.370	6023231.601	7483		GWS	-0.14033539276
19708	09/09/2019	12:12:59	0.000	0.000	2089126.893	6023229.602	8261		GWS	0.54633715799
19709	09/09/2019	12:13:00	0.000	0.000	2089128.421	6023227.718	9055		GWS	1.24713150927
19710	09/09/2019	12:13:01	0.000	0.000	2089129.807	6023225.677	7903		GWS	0.23036187114
19711	09/09/2019	12:13:02	0.000	0.000	2089131.394	6023223.632	8486		GWS	0.74492497794
19712	09/09/2019	12:13:03	0.000	0.000	2089132.751	6023221.313	8541		GWS	0.79346866726
19713	09/09/2019	12:13:04	0.000	0.000	2089134.545	6023219.766	7535		GWS	-0.09443954104
19714	09/09/2019	12:13:05	0.000	0.000	2089135.855	6023218.078	5543		GWS	-1.85260370697
19715	09/09/2019	12:13:06	0.000	0.000	2089137.386	6023216.634	5270		GWS	-2.09355692851
19716	09/09/2019	12:13:07	0.000	0.000	2089138.627	6023215.466	5830		GWS	-1.59929390997
19717	09/09/2019	12:13:08	0.000	0.000	2089138.711	6023214.875	6281		GWS	-1.20123565755
19718	09/09/2019	12:13:09	0.000	0.000	2089137.519	6023214.547	6940		GWS	-0.61959399824
19719	09/09/2019	12:13:10	0.000	0.000	2089136.030	6023215.400	7045		GWS	-0.52691968226
19720	09/09/2019	12:13:11	0.000	0.000	2089135.231	6023217.127	7071		GWS	-0.50397175640
19721	09/09/2019	12:13:12	0.000	0.000	2089133.897	6023218.811	7435		GWS	-0.18270079435
19722	09/09/2019	12:13:13	0.000	0.000	2089132.435	6023219.859	8714		GWS	0.94616063548
19723	09/09/2019	12:13:14	0.000	0.000	2089132.125	6023218.892	8238		GWS	0.52603706973
19724	09/09/2019	12:13:15	0.000	0.000	2089132.436	6023216.432	8239		GWS	0.52691968226
19725	09/09/2019	12:13:16	0.000	0.000	2089133.754	6023214.029	9949		GWS	2.03618711386
19726	09/09/2019	12:13:17	0.000	0.000	2089135.781	6023212.604	9267		GWS	1.43424536628
19727	09/09/2019	12:13:18	0.000	0.000	2089138.104	6023212.042	7837		GWS	0.17210944395
19728	09/09/2019	12:13:19	0.000	0.000	2089140.008	6023211.995	7479		GWS	-0.14386584290
19729	09/09/2019	12:13:20	0.000	0.000	2089141.411	6023210.500	7509		GWS	-0.11738746690
19730	09/09/2019	12:13:21	0.000	0.000	2089142.765	6023208.254	7367		GWS	-0.24271844660
19731	09/09/2019	12:13:22	0.000	0.000	2089144.352	6023206.390	7781		GWS	0.12268314210
19732	09/09/2019	12:13:23	0.000	0.000	2089145.909	6023204.152	8725		GWS	0.95586937335
19733	09/09/2019	12:13:24	0.000	0.000	2089147.540	6023202.170	7881		GWS	0.21094439541
19734	09/09/2019	12:13:25	0.000	0.000	2089149.320	6023200.444	7730		GWS	0.07766990291
19735	09/09/2019	12:13:26	0.000	0.000	2089150.673	6023198.298	7872		GWS	0.20300088261
19736	09/09/2019	12:13:27	0.000	0.000	2089152.220	6023196.665	8298		GWS	0.57899382171
19737	09/09/2019	12:13:28	0.000	0.000	2089153.294	6023194.713	7444		GWS	-0.17475728155
19738	09/09/2019	12:13:29	0.000	0.000	2089154.727	6023192.650	6661		GWS	-0.86584289497
19739	09/09/2019	12:13:30	0.000	0.000	2089156.462	6023190.928	8535		GWS	0.78817299206
19740	09/09/2019	12:13:31	0.000	0.000	2089157.774	6023188.900	8523		GWS	0.77758164166
19741	09/09/2019	12:13:32	0.000	0.000	2089159.461	6023186.982	9061		GWS	1.25242718447
19742	09/09/2019	12:13:33	0.000	0.000	2089160.945	6023184.849	8085		GWS	0.39099735216
19743	09/09/2019	12:13:34	0.000	0.000	2089162.194	6023182.747	7331		GWS	-0.27449249779
19744	09/09/2019	12:13:35	0.000	0.000	2089163.868	6023180.833	7383		GWS	-0.22859664607
19745	09/09/2019	12:13:36	0.000	0.000	2089165.088	6023178.640	8205		GWS	0.49691085613
19746	09/09/2019	12:13:37	0.000	0.000	2089166.478	6023176.910	7361		GWS	-0.24801412180
19747	09/09/2019	12:13:38	0.000	0.000	2089168.073	6023175.160	7870		GWS	0.20123565755
19748	09/09/2019	12:13:39	0.000	0.000	2089169.533	6023173.139	9077		GWS	1.26654898500
19749	09/09/2019	12:13:40	0.000	0.000	2089171.115	6023171.715	7909		GWS	0.23565754634
19750	09/09/2019	12:13:41	0.000	0.000	2089172.569	6023170.109	5187		GWS	-2.16681376876
19751	09/09/2019	12:13:42	0.000	0.000	2089173.990	6023168.668	5295		GWS	-2.07149161518
19752	09/09/2019	12:13:43	0.000	0.000	2089175.645	6023167.805	5536		GWS	-1.85878199470
19753	09/09/2019	12:13:44	0.000	0.000	2089175.492	6023167.333	6031		GWS	-1.42188879082
19754	09/09/2019	12:13:45	0.000	0.000	2089173.946	6023167.153	6761		GWS	-0.77758164166
19755	09/09/2019	12:13:46	0.000	0.000	2089172.151	6023168.003	7360		GWS	-0.24889673433
19756	09/09/2019	12:13:47	0.000	0.000	2089171.080	6023169.522	8170		GWS	0.46601941748
19757	09/09/2019	12:13:48	0.000	0.000	2089169.679	6023170.973	8432		GWS	0.69726390115
19758	09/09/2019	12:13:49	0.000	0.000	2089168.402	6023171.753	9668		GWS	1.78817299206
19759	09/09/2019	12:13:50	0.000	0.000	2089168.274	6023170.672	8687		GWS	0.92233009709
19760	09/09/2019	12:13:51	0.000	0.000	2089168.863	6023168.382	10541		GWS	2.55869373345
19761	09/09/2019	12:13:52	0.000	0.000	2089169.979	6023166.078	10345		GWS	2.38570167696
19762	09/09/2019	12:13:53	0.000	0.000	2089172.141	6023164.914	10146		GWS	2.21006178288
19763	09/09/2019	12:13:54	0.000	0.000	2089174.261	6023164.584	10126		GWS	2.19240953222

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SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
19764	09/09/2019	12:13:55	0.000	0.000	2089176.133	6023164.802	8171		GWS	0.46690203001
19765	09/09/2019	12:13:56	0.000	0.000	2089176.729	6023163.787	8613		GWS	0.85701676964
19766	09/09/2019	12:13:57	0.000	0.000	2089175.702	6023161.968	8393		GWS	0.66284201236
19767	09/09/2019	12:13:58	0.000	0.000	2089173.548	6023160.300	7648		GWS	0.00529567520
19768	09/09/2019	12:13:59	0.000	0.000	2089170.698	6023159.616	7882		GWS	0.21182700794
19769	09/09/2019	12:14:00	0.000	0.000	2089167.864	6023158.822	8930		GWS	1.13680494263
19770	09/09/2019	12:14:01	0.000	0.000	2089165.632	6023157.547	9342		GWS	1.50044130627
19771	09/09/2019	12:14:02	0.000	0.000	2089163.217	6023156.279	8635		GWS	0.87643424537
19772	09/09/2019	12:14:03	0.000	0.000	2089161.530	6023154.797	8039		GWS	0.35039717564
19773	09/09/2019	12:14:04	0.000	0.000	2089160.040	6023153.307	8069		GWS	0.37687555163
19774	09/09/2019	12:14:05	0.000	0.000	2089158.624	6023152.470	8407		GWS	0.67519858782
19775	09/09/2019	12:14:06	0.000	0.000	2089156.823	6023152.180	8581		GWS	0.82877316858
19776	09/09/2019	12:14:07	0.000	0.000	2089154.488	6023152.575	9375		GWS	1.52956751986
19777	09/09/2019	12:14:08	0.000	0.000	2089152.744	6023151.986	9243		GWS	1.41306266549
19778	09/09/2019	12:14:09	0.000	0.000	2089151.447	6023151.297	9271		GWS	1.43777581642
19779	09/09/2019	12:14:10	0.000	0.000	2089150.976	6023151.155	9247		GWS	1.41659311562
19780	09/09/2019	12:14:11	0.000	0.000	2089150.756	6023151.141	8552		GWS	0.80317740512
19781	09/09/2019	12:14:12	0.000	0.000	2089150.624	6023150.604	10328		GWS	2.37069726390
19782	09/09/2019	12:14:13	0.000	0.000	2089150.066	6023149.260	9782		GWS	1.88879082083
19783	09/09/2019	12:14:14	0.000	0.000	2089150.448	6023147.694	9765		GWS	1.87378640777
19784	09/09/2019	12:14:15	0.000	0.000	2089151.454	6023145.681	10342		GWS	2.38305383936
19785	09/09/2019	12:14:16	0.000	0.000	2089153.137	6023144.317	10908		GWS	2.88261253310
19786	09/09/2019	12:14:17	0.000	0.000	2089155.428	6023143.974	8997		GWS	1.19593998235
19787	09/09/2019	12:14:18	0.000	0.000	2089157.791	6023144.574	9479		GWS	1.62135922330
19788	09/09/2019	12:14:19	0.000	0.000	2089158.614	6023146.023	9090		GWS	1.27802294793
19789	09/09/2019	12:14:20	0.000	0.000	2089159.137	6023148.299	9292		GWS	1.45631067961
19790	09/09/2019	12:14:21	0.000	0.000	2089158.506	6023149.921	8653		GWS	0.89232127096
19791	09/09/2019	12:14:22	0.000	0.000	2089156.912	6023150.822	8613		GWS	0.85701676964
19792	09/09/2019	12:14:23	0.000	0.000	2089155.558	6023150.521	7613		GWS	-0.02559576346
19793	09/09/2019	12:14:24	0.000	0.000	2089154.222	6023149.809	7153		GWS	-0.43159752869
19794	09/09/2019	12:14:25	0.000	0.000	2089153.671	6023147.950	6948		GWS	-0.61253309797
19795	09/09/2019	12:14:26	0.000	0.000	2089154.579	6023146.982	6987		GWS	-0.57811120918
19796	09/09/2019	12:14:27	0.000	0.000	2089155.852	6023146.862	8016		GWS	0.33009708738
19797	09/09/2019	12:14:28	0.000	0.000	2089156.702	6023147.393	7194		GWS	-0.39541041483
19798	09/09/2019	12:14:29	0.000	0.000	2089158.655	6023148.646	7858		GWS	0.19064430715
19799	09/09/2019	12:14:30	0.000	0.000	2089161.462	6023150.209	8504		GWS	0.76081200353
19800	09/09/2019	12:14:31	0.000	0.000	2089163.988	6023152.149	8366		GWS	0.63901147396
19801	09/09/2019	12:14:32	0.000	0.000	2089166.301	6023153.949	7401		GWS	-0.21270962048
19802	09/09/2019	12:14:33	0.000	0.000	2089168.682	6023155.678	8570		GWS	0.81906443072
19803	09/09/2019	12:14:34	0.000	0.000	2089170.464	6023157.812	8352		GWS	0.62665489850
19804	09/09/2019	12:14:35	0.000	0.000	2089172.414	6023159.941	8388		GWS	0.65842894969
19805	09/09/2019	12:14:36	0.000	0.000	2089174.698	6023161.744	8697		GWS	0.93115622242
19806	09/09/2019	12:14:37	0.000	0.000	2089176.779	6023162.944	8414		GWS	0.68137687555
19807	09/09/2019	12:14:38	0.000	0.000	2089178.355	6023162.009	7263		GWS	-0.33451015004
19808	09/09/2019	12:14:39	0.000	0.000	2089179.992	6023160.153	7365		GWS	-0.24448367167
19809	09/09/2019	12:14:40	0.000	0.000	2089181.688	6023158.000	7451		GWS	-0.16857899382
19810	09/09/2019	12:14:41	0.000	0.000	2089183.164	6023156.140	7833		GWS	0.16857899382
19811	09/09/2019	12:14:42	0.000	0.000	2089184.412	6023154.869	7418		GWS	-0.19770520741
19812	09/09/2019	12:14:43	0.000	0.000	2089184.036	6023153.380	6534		GWS	-0.97793468667
19813	09/09/2019	12:14:44	0.000	0.000	2089183.294	6023151.090	7723		GWS	0.07149161518
19814	09/09/2019	12:14:45	0.000	0.000	2089184.189	6023148.733	7481		GWS	-0.14210061783
19815	09/09/2019	12:14:46	0.000	0.000	2089186.306	6023146.899	7510		GWS	-0.11650485437
19816	09/09/2019	12:14:47	0.000	0.000	2089188.427	6023146.799	7637		GWS	-0.00441306267
19817	09/09/2019	12:14:48	0.000	0.000	2089190.487	6023146.564	8719		GWS	0.95057369815
19818	09/09/2019	12:14:49	0.000	0.000	2089191.097	6023144.614	9349		GWS	1.50661959400
19819	09/09/2019	12:14:50	0.000	0.000	2089191.634	6023142.382	10767		GWS	2.75816416593
19820	09/09/2019	12:14:51	0.000	0.000	2089192.680	6023140.336	10852		GWS	2.83318623124
19821	09/09/2019	12:14:52	0.000	0.000	2089193.790	6023138.070	11323		GWS	3.24889673433
19822	09/09/2019	12:14:53	0.000	0.000	2089195.547	6023136.468	11200		GWS	3.14033539276
19823	09/09/2019	12:14:54	0.000	0.000	2089197.752	6023135.183	9400		GWS	1.55163283319
19824	09/09/2019	12:14:55	0.000	0.000	2089199.726	6023133.942	9250		GWS	1.41924095322

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SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
19825	09/09/2019	12:14:56	0.000	0.000	2089201.642	6023132.336	7682		GWS	0.03530450132
19826	09/09/2019	12:14:57	0.000	0.000	2089202.853	6023130.145	7800		GWS	0.13945278023
19827	09/09/2019	12:14:58	0.000	0.000	2089204.323	6023128.100	8790		GWS	1.01323918800
19828	09/09/2019	12:14:59	0.000	0.000	2089205.896	6023126.206	8707		GWS	0.93998234775
19829	09/09/2019	12:15:00	0.000	0.000	2089207.250	6023124.334	7067		GWS	-0.50750220653
19830	09/09/2019	12:15:01	0.000	0.000	2089208.492	6023122.920	6326		GWS	-1.16151809356
19831	09/09/2019	12:15:02	0.000	0.000	2089209.809	6023121.382	4791		GWS	-2.51632833186
19832	09/09/2019	12:15:03	0.000	0.000	2089211.193	6023120.207	5800		GWS	-1.62577228597
19833	09/09/2019	12:15:04	0.000	0.000	2089211.114	6023118.953	6930		GWS	-0.62842012357
19834	09/09/2019	12:15:05	0.000	0.000	2089210.187	6023119.534	7102		GWS	-0.47661076787
19835	09/09/2019	12:15:06	0.000	0.000	2089208.578	6023120.721	7625		GWS	-0.01500441306
19836	09/09/2019	12:15:07	0.000	0.000	2089207.132	6023122.265	8133		GWS	0.43336275375
19837	09/09/2019	12:15:08	0.000	0.000	2089205.793	6023123.132	7796		GWS	0.13592233010
19838	09/09/2019	12:15:09	0.000	0.000	2089205.679	6023122.156	8489		GWS	0.74757281553
19839	09/09/2019	12:15:10	0.000	0.000	2089205.908	6023119.709	8902		GWS	1.11209179170
19840	09/09/2019	12:15:11	0.000	0.000	2089207.072	6023117.381	9725		GWS	1.83848190644
19841	09/09/2019	12:15:12	0.000	0.000	2089209.281	6023116.238	8611		GWS	0.85525154457
19842	09/09/2019	12:15:13	0.000	0.000	2089211.578	6023115.825	7312		GWS	-0.29126213592
19843	09/09/2019	12:15:14	0.000	0.000	2089213.701	6023115.656	7498		GWS	-0.12709620477
19844	09/09/2019	12:15:15	0.000	0.000	2089215.293	6023114.225	8024		GWS	0.33715798764
19845	09/09/2019	12:15:16	0.000	0.000	2089216.822	6023112.327	8486		GWS	0.74492497794
19846	09/09/2019	12:15:17	0.000	0.000	2089218.292	6023110.607	8541		GWS	0.79346866726
19847	09/09/2019	12:15:18	0.000	0.000	2089219.359	6023109.400	9005		GWS	1.20300088261
19848	09/09/2019	12:15:19	0.000	0.000	2089220.048	6023108.285	8401		GWS	0.66990291262
19849	09/09/2019	12:15:20	0.000	0.000	2089219.852	6023106.371	7260		GWS	-0.33715798764
19850	09/09/2019	12:15:21	0.000	0.000	2089220.278	6023103.927	7725		GWS	0.07325684025
19851	09/09/2019	12:15:22	0.000	0.000	2089221.279	6023101.719	9011		GWS	1.20829655781
19852	09/09/2019	12:15:23	0.000	0.000	2089222.283	6023099.420	8073		GWS	0.38040600177
19853	09/09/2019	12:15:24	0.000	0.000	2089224.220	6023097.995	8978		GWS	1.17917034422
19854	09/09/2019	12:15:25	0.000	0.000	2089226.664	6023097.368	7764		GWS	0.10767872904
19855	09/09/2019	12:15:26	0.000	0.000	2089228.529	6023096.392	7761		GWS	0.10503089144
19856	09/09/2019	12:15:27	0.000	0.000	2089230.332	6023094.968	8720		GWS	0.95145631068
19857	09/09/2019	12:15:28	0.000	0.000	2089231.673	6023092.836	8420		GWS	0.68667255075
19858	09/09/2019	12:15:29	0.000	0.000	2089233.092	6023090.983	8375		GWS	0.64695498676
19859	09/09/2019	12:15:30	0.000	0.000	2089234.461	6023089.389	8693		GWS	0.92762577229
19860	09/09/2019	12:15:31	0.000	0.000	2089235.371	6023087.470	8083		GWS	0.38923212710
19861	09/09/2019	12:15:32	0.000	0.000	2089236.739	6023085.658	7511		GWS	-0.11562224184
19862	09/09/2019	12:15:33	0.000	0.000	2089237.774	6023083.870	8957		GWS	1.16063548102
19863	09/09/2019	12:15:34	0.000	0.000	2089238.794	6023082.218	8719		GWS	0.95057369815
19864	09/09/2019	12:15:35	0.000	0.000	2089239.420	6023081.391	8449		GWS	0.71226831421
19865	09/09/2019	12:15:36	0.000	0.000	2089239.950	6023081.057	7932		GWS	0.25595763460
19866	09/09/2019	12:15:37	0.000	0.000	2089240.332	6023080.947	8403		GWS	0.67166813769
19867	09/09/2019	12:15:38	0.000	0.000	2089240.201	6023080.706	8310		GWS	0.58958517211
19868	09/09/2019	12:15:39	0.000	0.000	2089239.977	6023079.370	7927		GWS	0.25154457193
19869	09/09/2019	12:15:40	0.000	0.000	2089241.474	6023078.267	7532		GWS	-0.09708737864
19870	09/09/2019	12:15:41	0.000	0.000	2089243.314	6023076.671	7973		GWS	0.29214474846
19871	09/09/2019	12:15:42	0.000	0.000	2089244.984	6023075.400	6823		GWS	-0.72285966461
19872	09/09/2019	12:15:43	0.000	0.000	2089246.562	6023073.955	4988		GWS	-2.34245366284
19873	09/09/2019	12:15:44	0.000	0.000	2089247.979	6023072.845	5483		GWS	-1.90556045896
19874	09/09/2019	12:15:45	0.000	0.000	2089247.939	6023071.784	6391		GWS	-1.10414827891
19875	09/09/2019	12:15:46	0.000	0.000	2089246.879	6023072.004	6877		GWS	-0.67519858782
19876	09/09/2019	12:15:47	0.000	0.000	2089245.188	6023072.881	6879		GWS	-0.67343336275
19877	09/09/2019	12:15:48	0.000	0.000	2089243.506	6023074.637	7780		GWS	0.12180052957
19878	09/09/2019	12:15:49	0.000	0.000	2089242.169	6023075.729	8395		GWS	0.66460723742
19879	09/09/2019	12:15:50	0.000	0.000	2089242.166	6023075.178	8758		GWS	0.98499558694
19880	09/09/2019	12:15:51	0.000	0.000	2089242.468	6023073.062	8729		GWS	0.95939982348
19881	09/09/2019	12:15:52	0.000	0.000	2089243.783	6023071.057	9592		GWS	1.72109443954
19882	09/09/2019	12:15:53	0.000	0.000	2089245.633	6023069.629	8608		GWS	0.85260370697
19883	09/09/2019	12:15:54	0.000	0.000	2089247.573	6023069.047	8482		GWS	0.74139452780
19884	09/09/2019	12:15:55	0.000	0.000	2089249.423	6023068.583	6740		GWS	-0.79611650485
19885	09/09/2019	12:15:56	0.000	0.000	2089250.930	6023067.027	6605		GWS	-0.91526919682

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SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
19886	09/09/2019	12:15:57	0.000	0.000	2089252.747	6023065.391	6661		GWS	-0.86584289497
19887	09/09/2019	12:15:58	0.000	0.000	2089254.177	6023063.335	6975		GWS	-0.58870255958
19888	09/09/2019	12:15:59	0.000	0.000	2089255.374	6023061.131	7233		GWS	-0.36098852604
19889	09/09/2019	12:16:00	0.000	0.000	2089256.899	6023059.276	6518		GWS	-0.99205648720
19890	09/09/2019	12:16:01	0.000	0.000	2089257.840	6023057.390	6789		GWS	-0.75286849073
19891	09/09/2019	12:16:02	0.000	0.000	2089259.435	6023055.865	7097		GWS	-0.48102383054
19892	09/09/2019	12:16:03	0.000	0.000	2089261.017	6023054.121	8734		GWS	0.96381288614
19893	09/09/2019	12:16:04	0.000	0.000	2089262.216	6023052.139	7673		GWS	0.02736098853
19894	09/09/2019	12:16:05	0.000	0.000	2089264.066	6023050.359	7258		GWS	-0.33892321271
19895	09/09/2019	12:16:06	0.000	0.000	2089265.575	6023048.343	7874		GWS	0.20476610768
19896	09/09/2019	12:16:07	0.000	0.000	2089267.250	6023046.609	7308		GWS	-0.29479258606
19897	09/09/2019	12:16:08	0.000	0.000	2089268.777	6023044.486	7167		GWS	-0.41924095322
19898	09/09/2019	12:16:09	0.000	0.000	2089269.932	6023042.099	7701		GWS	0.05207413945
19899	09/09/2019	12:16:10	0.000	0.000	2089271.647	6023040.228	8075		GWS	0.38217122683
19900	09/09/2019	12:16:11	0.000	0.000	2089273.022	6023038.194	7688		GWS	0.04060017652
19901	09/09/2019	12:16:12	0.000	0.000	2089274.322	6023036.261	7592		GWS	-0.04413062665
19902	09/09/2019	12:16:13	0.000	0.000	2089275.685	6023034.107	7868		GWS	0.19947043248
19903	09/09/2019	12:16:14	0.000	0.000	2089277.138	6023032.391	8087		GWS	0.39276257723
19904	09/09/2019	12:16:15	0.000	0.000	2089278.671	6023031.408	7901		GWS	0.22859664607
19905	09/09/2019	12:16:16	0.000	0.000	2089279.662	6023029.828	8125		GWS	0.42630185349
19906	09/09/2019	12:16:17	0.000	0.000	2089281.077	6023028.515	6921		GWS	-0.63636363636
19907	09/09/2019	12:16:18	0.000	0.000	2089281.935	6023027.099	5450		GWS	-1.93468667255
19908	09/09/2019	12:16:19	0.000	0.000	2089283.147	6023025.868	5360		GWS	-2.01412180053
19909	09/09/2019	12:16:20	0.000	0.000	2089284.621	6023024.733	5393		GWS	-1.98499558694
19910	09/09/2019	12:16:21	0.000	0.000	2089285.548	6023023.904	6762		GWS	-0.77669902913
19911	09/09/2019	12:16:22	0.000	0.000	2089284.917	6023022.849	6700		GWS	-0.83142100618
19912	09/09/2019	12:16:23	0.000	0.000	2089283.733	6023023.379	8035		GWS	0.34686672551
19913	09/09/2019	12:16:24	0.000	0.000	2089281.997	6023024.448	8008		GWS	0.32303618711
19914	09/09/2019	12:16:25	0.000	0.000	2089281.196	6023026.057	8392		GWS	0.66195939982
19915	09/09/2019	12:16:26	0.000	0.000	2089279.864	6023027.949	7678		GWS	0.03177405119
19916	09/09/2019	12:16:27	0.000	0.000	2089279.081	6023028.882	7439		GWS	-0.17917034422
19917	09/09/2019	12:16:28	0.000	0.000	2089278.851	6023028.077	8220		GWS	0.51015004413
19918	09/09/2019	12:16:29	0.000	0.000	2089278.848	6023026.297	8895		GWS	1.10591350397
19919	09/09/2019	12:16:30	0.000	0.000	2089279.394	6023023.668	9003		GWS	1.20123565755
19920	09/09/2019	12:16:31	0.000	0.000	2089280.965	6023021.991	8670		GWS	0.90732568403
19921	09/09/2019	12:16:32	0.000	0.000	2089283.205	6023021.141	10417		GWS	2.44924977935
19922	09/09/2019	12:16:33	0.000	0.000	2089285.268	6023020.881	8634		GWS	0.87555163283
19923	09/09/2019	12:16:34	0.000	0.000	2089287.222	6023020.641	7918		GWS	0.24360105914
19924	09/09/2019	12:16:35	0.000	0.000	2089287.990	6023020.290	8609		GWS	0.85348631951
19925	09/09/2019	12:16:36	0.000	0.000	2089287.803	6023019.347	8152		GWS	0.45013239188
19926	09/09/2019	12:16:37	0.000	0.000	2089285.938	6023018.563	8068		GWS	0.37599293910
19927	09/09/2019	12:16:38	0.000	0.000	2089283.504	6023017.610	7897		GWS	0.22506619594
19928	09/09/2019	12:16:39	0.000	0.000	2089280.962	6023016.505	8994		GWS	1.19329214475
19929	09/09/2019	12:16:40	0.000	0.000	2089278.098	6023015.521	8578		GWS	0.82612533098
19930	09/09/2019	12:16:41	0.000	0.000	2089275.756	6023013.930	9734		GWS	1.84642541924
19931	09/09/2019	12:16:42	0.000	0.000	2089273.512	6023012.440	7833		GWS	0.16857899382
19932	09/09/2019	12:16:43	0.000	0.000	2089271.153	6023011.385	8288		GWS	0.57016769638
19933	09/09/2019	12:16:44	0.000	0.000	2089269.349	6023009.652	8702		GWS	0.93556928508
19934	09/09/2019	12:16:45	0.000	0.000	2089267.433	6023008.866	9165		GWS	1.34421888791
19935	09/09/2019	12:16:46	0.000	0.000	2089265.347	6023008.652	8951		GWS	1.15533980583
19936	09/09/2019	12:16:47	0.000	0.000	2089263.429	6023007.874	10098		GWS	2.16769638129
19937	09/09/2019	12:16:48	0.000	0.000	2089261.407	6023006.738	9874		GWS	1.96999117387
19938	09/09/2019	12:16:49	0.000	0.000	2089260.735	6023004.926	9278		GWS	1.44395410415
19939	09/09/2019	12:16:50	0.000	0.000	2089261.232	6023002.638	9339		GWS	1.49779346867
19940	09/09/2019	12:16:51	0.000	0.000	2089262.614	6023000.862	10165		GWS	2.22683142101
19941	09/09/2019	12:16:52	0.000	0.000	2089264.595	6023000.293	9321		GWS	1.48190644307
19942	09/09/2019	12:16:53	0.000	0.000	2089266.944	6023000.531	10220		GWS	2.27537511033
19943	09/09/2019	12:16:54	0.000	0.000	2089268.323	6023001.855	8855		GWS	1.07060900265
19944	09/09/2019	12:16:55	0.000	0.000	2089269.013	6023003.818	9083		GWS	1.27184466019
19945	09/09/2019	12:16:56	0.000	0.000	2089268.598	6023005.810	8631		GWS	0.87290379523
19946	09/09/2019	12:16:57	0.000	0.000	2089267.129	6023007.332	9267		GWS	1.43424536628

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SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
19947	09/09/2019	12:16:58	0.000	0.000	2089265.040	6023008.535	9217		GWS	1.39011473963
19948	09/09/2019	12:16:59	0.000	0.000	2089263.868	6023007.556	8094		GWS	0.39894086496
19949	09/09/2019	12:17:00	0.000	0.000	2089263.037	6023006.115	8233		GWS	0.52162400706
19950	09/09/2019	12:17:01	0.000	0.000	2089262.882	6023004.627	7938		GWS	0.26125330980
19951	09/09/2019	12:17:02	0.000	0.000	2089263.577	6023003.229	8764		GWS	0.99029126214
19952	09/09/2019	12:17:03	0.000	0.000	2089264.800	6023002.719	9541		GWS	1.67608120035
19953	09/09/2019	12:17:04	0.000	0.000	2089266.111	6023003.255	9135		GWS	1.31774051192
19954	09/09/2019	12:17:05	0.000	0.000	2089266.740	6023004.718	8673		GWS	0.90997352162
19955	09/09/2019	12:17:06	0.000	0.000	2089266.166	6023005.517	8768		GWS	0.99382171227
19956	09/09/2019	12:17:07	0.000	0.000	2089264.698	6023004.912	8282		GWS	0.56487202118
19957	09/09/2019	12:17:08	0.000	0.000	2089264.207	6023004.324	9150		GWS	1.33097969991
19958	09/09/2019	12:17:09	0.000	0.000	2089263.648	6023004.748	8287		GWS	0.56928508385
19959	09/09/2019	12:17:10	0.000	0.000	2089264.151	6023005.320	7862		GWS	0.19417475728
19960	09/09/2019	12:17:11	0.000	0.000	2089265.740	6023004.795	8865		GWS	1.07943512798
19961	09/09/2019	12:17:12	0.000	0.000	2089268.672	6023004.970	8726		GWS	0.95675198588
19962	09/09/2019	12:17:13	0.000	0.000	2089272.076	6023006.248	8511		GWS	0.76699029126
19963	09/09/2019	12:17:14	0.000	0.000	2089275.286	6023007.816	7798		GWS	0.13768755516
19964	09/09/2019	12:17:15	0.000	0.000	2089277.922	6023009.554	8099		GWS	0.40335392763
19965	09/09/2019	12:17:16	0.000	0.000	2089280.105	6023011.834	9645		GWS	1.76787290380
19966	09/09/2019	12:17:17	0.000	0.000	2089282.506	6023013.977	9131		GWS	1.31421006178
19967	09/09/2019	12:17:18	0.000	0.000	2089284.894	6023015.468	9032		GWS	1.22683142101
19968	09/09/2019	12:17:19	0.000	0.000	2089287.094	6023016.931	8378		GWS	0.64960282436
19969	09/09/2019	12:17:20	0.000	0.000	2089289.146	6023016.974	8784		GWS	1.00794351280
19970	09/09/2019	12:17:21	0.000	0.000	2089291.183	6023015.849	8076		GWS	0.38305383937
19971	09/09/2019	12:17:22	0.000	0.000	2089292.717	6023014.006	7329		GWS	-0.27625772286
19972	09/09/2019	12:17:23	0.000	0.000	2089293.825	6023011.576	7742		GWS	0.08826125331
19973	09/09/2019	12:17:24	0.000	0.000	2089295.535	6023009.797	8295		GWS	0.57634598411
19974	09/09/2019	12:17:25	0.000	0.000	2089297.092	6023007.817	7683		GWS	0.03618711386
19975	09/09/2019	12:17:26	0.000	0.000	2089298.596	6023005.713	8701		GWS	0.93468667255
19976	09/09/2019	12:17:27	0.000	0.000	2089300.157	6023003.698	8385		GWS	0.65578111209
19977	09/09/2019	12:17:28	0.000	0.000	2089301.456	6023001.506	8126		GWS	0.42718446602
19978	09/09/2019	12:17:29	0.000	0.000	2089303.158	6022999.775	8811		GWS	1.03177405119
19979	09/09/2019	12:17:30	0.000	0.000	2089304.647	6022997.630	8383		GWS	0.65401588703
19980	09/09/2019	12:17:31	0.000	0.000	2089305.930	6022995.498	8875		GWS	1.08826125331
19981	09/09/2019	12:17:32	0.000	0.000	2089307.630	6022993.765	8249		GWS	0.53574580759
19982	09/09/2019	12:17:33	0.000	0.000	2089309.202	6022991.861	9112		GWS	1.29744042365
19983	09/09/2019	12:17:34	0.000	0.000	2089310.910	6022990.050	8248		GWS	0.53486319506
19984	09/09/2019	12:17:35	0.000	0.000	2089312.450	6022987.890	9352		GWS	1.50926743160
19985	09/09/2019	12:17:36	0.000	0.000	2089313.821	6022985.767	8458		GWS	0.72021182701
19986	09/09/2019	12:17:37	0.000	0.000	2089315.538	6022983.876	8714		GWS	0.94616063548
19987	09/09/2019	12:17:38	0.000	0.000	2089316.925	6022981.674	8178		GWS	0.47308031774
19988	09/09/2019	12:17:39	0.000	0.000	2089318.406	6022979.714	8464		GWS	0.72550750221
19989	09/09/2019	12:17:40	0.000	0.000	2089319.654	6022977.849	8356		GWS	0.63018534863
19990	09/09/2019	12:17:41	0.000	0.000	2089321.245	6022976.144	8089		GWS	0.39452780230
19991	09/09/2019	12:17:42	0.000	0.000	2089323.393	6022974.650	8652		GWS	0.89143865843
19992	09/09/2019	12:17:43	0.000	0.000	2089324.100	6022973.111	8043		GWS	0.35392762577
19993	09/09/2019	12:17:44	0.000	0.000	2089323.477	6022971.683	7590		GWS	-0.04589585172
19994	09/09/2019	12:17:45	0.000	0.000	2089322.216	6022970.669	9607		GWS	1.73433362754
19995	09/09/2019	12:17:46	0.000	0.000	2089320.991	6022968.881	7832		GWS	0.16769638129
19996	09/09/2019	12:17:47	0.000	0.000	2089319.161	6022967.592	8648		GWS	0.88790820830
19997	09/09/2019	12:17:48	0.000	0.000	2089317.018	6022966.286	9032		GWS	1.22683142101
19998	09/09/2019	12:17:49	0.000	0.000	2089315.105	6022964.937	8528		GWS	0.78199470433
19999	09/09/2019	12:17:50	0.000	0.000	2089313.075	6022963.914	8822		GWS	1.04148278906
20000	09/09/2019	12:17:51	0.000	0.000	2089311.196	6022962.287	8775		GWS	1.00000000000
20001	09/09/2019	12:17:52	0.000	0.000	2089309.272	6022961.078	8283		GWS	0.56575463372
20002	09/09/2019	12:17:53	0.000	0.000	2089307.399	6022959.789	8731		GWS	0.96116504854
20003	09/09/2019	12:17:54	0.000	0.000	2089305.463	6022958.470	9382		GWS	1.53574580759
20004	09/09/2019	12:17:55	0.000	0.000	2089303.810	6022956.957	7415		GWS	-0.20035304501
20005	09/09/2019	12:17:56	0.000	0.000	2089302.490	6022955.301	9564		GWS	1.69638128861
20006	09/09/2019	12:17:57	0.000	0.000	2089300.942	6022953.729	8571		GWS	0.81994704325
20007	09/09/2019	12:17:58	0.000	0.000	2089299.259	6022952.184	7645		GWS	0.00264783760

Gamma Scan Survey Results
Survey Unit 4 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
20008	09/09/2019	12:17:59	0.000	0.000	2089297.348	6022950.827	7701		GWS	0.05207413945
20009	09/09/2019	12:18:00	0.000	0.000	2089295.564	6022949.118	8057		GWS	0.36628420124
20010	09/09/2019	12:18:01	0.000	0.000	2089293.506	6022947.921	8644		GWS	0.88437775816
20011	09/09/2019	12:18:02	0.000	0.000	2089291.364	6022946.567	8161		GWS	0.45807590468
20012	09/09/2019	12:18:03	0.000	0.000	2089289.304	6022944.906	8220		GWS	0.51015004413
20013	09/09/2019	12:18:04	0.000	0.000	2089286.827	6022943.477	8655		GWS	0.89408649603
20014	09/09/2019	12:18:05	0.000	0.000	2089284.808	6022941.644	8013		GWS	0.32744924978
20015	09/09/2019	12:18:06	0.000	0.000	2089283.022	6022940.231	6893		GWS	-0.66107678729
20016	09/09/2019	12:18:07	0.000	0.000	2089281.441	6022939.034	7603		GWS	-0.03442188879
20017	09/09/2019	12:18:08	0.000	0.000	2089280.571	6022939.389	8231		GWS	0.51985878200
20018	09/09/2019	12:18:09	0.000	0.000	2089281.332	6022940.394	9107		GWS	1.29302736099
20019	09/09/2019	12:18:10	0.000	0.000	2089283.040	6022941.855	8336		GWS	0.61253309797
20020	09/09/2019	12:18:11	0.000	0.000	2089285.256	6022943.424	8204		GWS	0.49602824360
20021	09/09/2019	12:18:12	0.000	0.000	2089287.261	6022945.148	8561		GWS	0.81112091792
20022	09/09/2019	12:18:13	0.000	0.000	2089289.077	6022947.017	8800		GWS	1.02206531333
20023	09/09/2019	12:18:14	0.000	0.000	2089291.381	6022948.524	8650		GWS	0.88967343336
20024	09/09/2019	12:18:15	0.000	0.000	2089293.429	6022949.977	8252		GWS	0.53839364519
20025	09/09/2019	12:18:16	0.000	0.000	2089295.564	6022951.302	9263		GWS	1.43071491615
20026	09/09/2019	12:18:17	0.000	0.000	2089297.438	6022953.031	7835		GWS	0.17034421889
20027	09/09/2019	12:18:18	0.000	0.000	2089299.122	6022955.050	7989		GWS	0.30626654899
20028	09/09/2019	12:18:19	0.000	0.000	2089301.201	6022956.526	8477		GWS	0.73698146514
20029	09/09/2019	12:18:20	0.000	0.000	2089303.313	6022958.217	8839		GWS	1.05648720212
20030	09/09/2019	12:18:21	0.000	0.000	2089305.446	6022959.721	9169		GWS	1.34774933804
20031	09/09/2019	12:18:22	0.000	0.000	2089307.859	6022961.245	9372		GWS	1.52691968226
20032	09/09/2019	12:18:23	0.000	0.000	2089309.767	6022963.001	8283		GWS	0.56575463372
20033	09/09/2019	12:18:24	0.000	0.000	2089311.902	6022964.656	9000		GWS	1.19858781995
20034	09/09/2019	12:18:25	0.000	0.000	2089313.622	6022966.653	8580		GWS	0.82789055605
20035	09/09/2019	12:18:26	0.000	0.000	2089315.657	6022968.258	8955		GWS	1.15887025596
20036	09/09/2019	12:18:27	0.000	0.000	2089317.149	6022969.984	8418		GWS	0.68490732568
20037	09/09/2019	12:18:28	0.000	0.000	2089318.199	6022971.528	8104		GWS	0.40776699029
20038	09/09/2019	12:18:29	0.000	0.000	2089318.712	6022972.729	8206		GWS	0.49779346867
20039	09/09/2019	12:18:30	0.000	0.000	2089320.026	6022973.562	8381		GWS	0.65225066196
20040	09/09/2019	12:18:31	0.000	0.000	2089321.512	6022975.022	7645		GWS	0.00264783760
20041	09/09/2019	12:18:32	0.000	0.000	2089320.845	6022976.705	7881		GWS	0.21094439541
20042	09/09/2019	12:18:33	0.000	0.000	2089318.493	6022977.476	7790		GWS	0.13062665490
20043	09/09/2019	12:18:34	0.000	0.000	2089315.787	6022976.414	9597		GWS	1.72550750221
20044	09/09/2019	12:18:35	0.000	0.000	2089313.744	6022974.361	9509		GWS	1.64783759929
20045	09/09/2019	12:18:36	0.000	0.000	2089311.974	6022972.462	9367		GWS	1.52250661959
20046	09/09/2019	12:18:37	0.000	0.000	2089310.586	6022970.246	9003		GWS	1.20123565755
20047	09/09/2019	12:18:38	0.000	0.000	2089309.019	6022967.860	8910		GWS	1.11915269197
20048	09/09/2019	12:18:39	0.000	0.000	2089307.112	6022965.857	8647		GWS	0.88702559576
20049	09/09/2019	12:18:40	0.000	0.000	2089305.592	6022963.622	9032		GWS	1.22683142101
20050	09/09/2019	12:18:41	0.000	0.000	2089303.900	6022961.728	9188		GWS	1.36451897617
20051	09/09/2019	12:18:42	0.000	0.000	2089301.798	6022959.716	9017		GWS	1.21359223301
20052	09/09/2019	12:18:43	0.000	0.000	2089299.804	6022957.235	7834		GWS	0.16946160636
20053	09/09/2019	12:18:44	0.000	0.000	2089298.009	6022954.996	7898		GWS	0.22594880847
20054	09/09/2019	12:18:45	0.000	0.000	2089296.492	6022952.690	8304		GWS	0.58428949691
20055	09/09/2019	12:18:46	0.000	0.000	2089294.619	6022950.385	9006		GWS	1.20388349515
20056	09/09/2019	12:18:47	0.000	0.000	2089292.335	6022949.538	8761		GWS	0.98764342454
20057	09/09/2019	12:18:48	0.000	0.000	2089290.088	6022948.555	9690		GWS	1.80759046778
20058	09/09/2019	12:18:51	0.000	0.000	2089285.225	6022944.329	8778		GWS	1.00264783760
20059	09/09/2019	12:18:52	0.000	0.000	2089285.452	6022944.777	8854		GWS	1.06972639011
20060	09/09/2019	12:18:53	0.000	0.000	2089286.224	6022945.948	7643		GWS	0.00088261253
20061	09/09/2019	12:18:54	0.000	0.000	2089286.442	6022945.689	8511		GWS	0.76699029126
20062	09/09/2019	12:18:55	0.000	0.000	2089285.027	6022944.389	9267		GWS	1.43424536628
20063	09/09/2019	12:18:56	0.000	0.000	2089283.355	6022942.810	9637		GWS	1.76081200353
20064	09/09/2019	12:18:57	0.000	0.000	2089281.889	6022941.283	8169		GWS	0.46513680494
20065	09/09/2019	12:18:58	0.000	0.000	2089280.320	6022940.645	8192		GWS	0.48543689320
20066	09/27/2019	15:03:03	0.000	0.000	2088641.015	6023776.001	8165		GWS	0.02390057361
20067	09/27/2019	15:03:04	0.000	0.000	2088641.285	6023776.286	8281		GWS	0.13479923518
20068	09/27/2019	15:03:05	0.000	0.000	2088641.947	6023777.639	8700		GWS	0.53537284895

Gamma Scan Survey Results
Survey Unit 4 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
20069	09/27/2019	15:03:06	0.000	0.000	2088643.158	6023779.064	8415		GWS	0.26290630975
20070	09/27/2019	15:03:07	0.000	0.000	2088645.057	6023780.343	8703		GWS	0.53824091778
20071	09/27/2019	15:03:08	0.000	0.000	2088646.349	6023781.429	8506		GWS	0.34990439771
20072	09/27/2019	15:03:09	0.000	0.000	2088647.741	6023782.391	8696		GWS	0.53154875717
20073	09/27/2019	15:03:10	0.000	0.000	2088649.451	6023783.964	10334		GWS	2.09751434034
20074	09/27/2019	15:03:11	0.000	0.000	2088651.317	6023785.518	9903		GWS	1.68546845124
20075	09/27/2019	15:03:12	0.000	0.000	2088652.607	6023786.638	9945		GWS	1.72562141491
20076	09/27/2019	15:03:13	0.000	0.000	2088653.826	6023787.907	9266		GWS	1.07648183556
20077	09/27/2019	15:03:14	0.000	0.000	2088655.379	6023789.128	10776		GWS	2.52007648184
20078	09/27/2019	15:03:15	0.000	0.000	2088657.301	6023790.620	10074		GWS	1.84894837476
20079	09/27/2019	15:03:16	0.000	0.000	2088659.234	6023792.220	10078		GWS	1.85277246654
20080	09/27/2019	15:03:17	0.000	0.000	2088660.561	6023793.853	9659		GWS	1.45219885277
20081	09/27/2019	15:03:18	0.000	0.000	2088662.436	6023794.899	8895		GWS	0.72179732314
20082	09/27/2019	15:03:19	0.000	0.000	2088664.241	6023796.149	9153		GWS	0.96845124283
20083	09/27/2019	15:03:20	0.000	0.000	2088666.485	6023797.509	9878		GWS	1.66156787763
20084	09/27/2019	15:03:21	0.000	0.000	2088667.203	6023798.466	9039		GWS	0.85946462715
20085	09/27/2019	15:03:22	0.000	0.000	2088668.396	6023798.801	8740		GWS	0.57361376673
20086	09/27/2019	15:03:23	0.000	0.000	2088669.352	6023800.036	9265		GWS	1.07552581262
20087	09/27/2019	15:03:24	0.000	0.000	2088670.921	6023801.329	8436		GWS	0.28298279159
20088	09/27/2019	15:03:25	0.000	0.000	2088672.159	6023802.937	8529		GWS	0.37189292543
20089	09/27/2019	15:03:26	0.000	0.000	2088673.823	6023804.442	8582		GWS	0.42256214149
20090	09/27/2019	15:03:27	0.000	0.000	2088675.441	6023806.011	8115		GWS	-0.02390057361
20091	09/27/2019	15:03:28	0.000	0.000	2088677.155	6023807.491	9198		GWS	1.01147227533
20092	09/27/2019	15:03:29	0.000	0.000	2088679.166	6023808.230	7999		GWS	-0.13479923518
20093	09/27/2019	15:03:30	0.000	0.000	2088680.836	6023807.987	7670		GWS	-0.44933078394
20094	09/27/2019	15:03:31	0.000	0.000	2088682.241	6023806.744	7557		GWS	-0.55736137667
20095	09/27/2019	15:03:32	0.000	0.000	2088683.413	6023805.335	8729		GWS	0.56309751434
20096	09/27/2019	15:03:33	0.000	0.000	2088684.383	6023803.681	7492		GWS	-0.61950286807
20097	09/27/2019	15:03:34	0.000	0.000	2088685.909	6023802.014	7513		GWS	-0.59942638623
20098	09/27/2019	15:03:35	0.000	0.000	2088687.199	6023800.132	7128		GWS	-0.96749521989
20099	09/27/2019	15:03:36	0.000	0.000	2088688.249	6023798.251	6042		GWS	-2.00573613767
20100	09/27/2019	15:03:37	0.000	0.000	2088688.441	6023796.185	6098		GWS	-1.95219885277
20101	09/27/2019	15:03:38	0.000	0.000	2088688.255	6023794.017	6744		GWS	-1.33460803059
20102	09/27/2019	15:03:39	0.000	0.000	2088686.943	6023792.536	7596		GWS	-0.52007648184
20103	09/27/2019	15:03:40	0.000	0.000	2088685.304	6023791.189	8499		GWS	0.34321223709
20104	09/27/2019	15:03:41	0.000	0.000	2088683.429	6023790.034	7614		GWS	-0.50286806883
20105	09/27/2019	15:03:42	0.000	0.000	2088681.539	6023788.861	7753		GWS	-0.36998087954
20106	09/27/2019	15:03:43	0.000	0.000	2088679.585	6023787.620	8358		GWS	0.20841300191
20107	09/27/2019	15:03:44	0.000	0.000	2088677.657	6023786.205	8209		GWS	0.06596558317
20108	09/27/2019	15:03:45	0.000	0.000	2088675.805	6023784.661	9204		GWS	1.01720841300
20109	09/27/2019	15:03:46	0.000	0.000	2088674.151	6023783.073	8410		GWS	0.25812619503
20110	09/27/2019	15:03:47	0.000	0.000	2088672.649	6023781.278	7862		GWS	-0.26577437859
20111	09/27/2019	15:03:48	0.000	0.000	2088670.578	6023779.752	7905		GWS	-0.22466539197
20112	09/27/2019	15:03:49	0.000	0.000	2088668.758	6023778.288	7376		GWS	-0.73040152964
20113	09/27/2019	15:03:50	0.000	0.000	2088666.693	6023776.718	8024		GWS	-0.11089866157
20114	09/27/2019	15:03:51	0.000	0.000	2088664.587	6023775.122	7616		GWS	-0.50095602295
20115	09/27/2019	15:03:52	0.000	0.000	2088662.443	6023773.420	6584		GWS	-1.48757170172
20116	09/27/2019	15:03:53	0.000	0.000	2088660.310	6023771.888	7676		GWS	-0.44359464627
20117	09/27/2019	15:03:54	0.000	0.000	2088658.486	6023770.385	8129		GWS	-0.01051625239
20118	09/27/2019	15:03:55	0.000	0.000	2088656.321	6023768.987	8092		GWS	-0.04588910134
20119	09/27/2019	15:03:56	0.000	0.000	2088654.330	6023767.399	8833		GWS	0.66252390057
20120	09/27/2019	15:03:57	0.000	0.000	2088652.489	6023765.506	7608		GWS	-0.50860420650
20121	09/27/2019	15:03:58	0.000	0.000	2088650.759	6023764.379	7722		GWS	-0.39961759082
20122	09/27/2019	15:03:59	0.000	0.000	2088648.686	6023765.087	8410		GWS	0.25812619503
20123	09/27/2019	15:04:00	0.000	0.000	2088647.273	6023767.041	7592		GWS	-0.52390057361
20124	09/27/2019	15:04:01	0.000	0.000	2088645.818	6023768.921	8918		GWS	0.74378585086
20125	09/27/2019	15:04:02	0.000	0.000	2088644.422	6023770.985	8679		GWS	0.51529636711
20126	09/27/2019	15:04:03	0.000	0.000	2088642.827	6023772.858	8440		GWS	0.28680688337
20127	09/27/2019	15:04:04	0.000	0.000	2088641.705	6023775.082	5350		GWS	-2.66730401530
20128	09/27/2019	15:04:05	0.000	0.000	2088640.478	6023776.953	5542		GWS	-2.48374760994
20129	09/27/2019	15:04:06	0.000	0.000	2088639.366	6023778.411	8644		GWS	0.88437775816

Gamma Scan Survey Results
Survey Unit 4 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
20130	09/27/2019	15:07:20	0.000	0.000	2089069.677	6023216.769	7916		GWS	-0.21414913958
20131	09/27/2019	15:07:21	0.000	0.000	2089069.938	6023217.782	9329		GWS	1.13671128107
20132	09/27/2019	15:07:22	0.000	0.000	2089071.128	6023219.227	9982		GWS	1.76099426386
20133	09/27/2019	15:07:23	0.000	0.000	2089072.702	6023220.930	8525		GWS	0.36806883365
20134	09/27/2019	15:07:24	0.000	0.000	2089074.975	6023222.422	8461		GWS	0.30688336520
20135	09/27/2019	15:07:25	0.000	0.000	2089076.478	6023224.629	8595		GWS	0.43499043977
20136	09/27/2019	15:07:26	0.000	0.000	2089078.140	6023226.784	7518		GWS	-0.59464627151
20137	09/27/2019	15:07:27	0.000	0.000	2089080.073	6023228.633	8959		GWS	0.78298279159
20138	09/27/2019	15:07:28	0.000	0.000	2089081.910	6023230.660	9020		GWS	0.84130019121
20139	09/27/2019	15:07:29	0.000	0.000	2089084.315	6023232.317	8830		GWS	0.65965583174
20140	09/27/2019	15:07:30	0.000	0.000	2089087.043	6023233.642	8168		GWS	0.02676864245
20141	09/27/2019	15:07:31	0.000	0.000	2089089.292	6023235.245	8402		GWS	0.25047801147
20142	09/27/2019	15:07:32	0.000	0.000	2089091.927	6023236.539	9840		GWS	1.62523900574
20143	09/27/2019	15:07:33	0.000	0.000	2089094.332	6023237.976	9810		GWS	1.59655831740
20144	09/27/2019	15:07:34	0.000	0.000	2089096.958	6023239.789	8992		GWS	0.81453154876
20145	09/27/2019	15:07:35	0.000	0.000	2089099.346	6023241.328	7708		GWS	-0.41300191205
20146	09/27/2019	15:07:36	0.000	0.000	2089101.088	6023243.343	8167		GWS	0.02581261950
20147	09/27/2019	15:07:37	0.000	0.000	2089103.127	6023245.504	7621		GWS	-0.49617590822
20148	09/27/2019	15:07:38	0.000	0.000	2089105.203	6023247.269	7425		GWS	-0.68355640535
20149	09/27/2019	15:07:39	0.000	0.000	2089107.205	6023249.067	8246		GWS	0.10133843212
20150	09/27/2019	15:07:40	0.000	0.000	2089109.158	6023249.029	7941		GWS	-0.19024856597
20151	09/27/2019	15:07:41	0.000	0.000	2089111.274	6023248.103	8255		GWS	0.10994263862
20152	09/27/2019	15:07:42	0.000	0.000	2089113.089	6023245.984	8183		GWS	0.04110898662
20153	09/27/2019	15:07:43	0.000	0.000	2089114.429	6023243.710	8856		GWS	0.68451242830
20154	09/27/2019	15:07:44	0.000	0.000	2089116.222	6023241.819	9468		GWS	1.26959847036
20155	09/27/2019	15:07:45	0.000	0.000	2089117.931	6023239.618	5713		GWS	-2.32026768642
20156	09/27/2019	15:07:46	0.000	0.000	2089118.595	6023237.785	5876		GWS	-2.16443594646
20157	09/27/2019	15:07:47	0.000	0.000	2089118.524	6023235.647	8338		GWS	0.18929254302
20158	09/27/2019	15:07:48	0.000	0.000	2089116.728	6023234.053	7604		GWS	-0.51242829828
20159	09/27/2019	15:07:49	0.000	0.000	2089114.175	6023232.477	7511		GWS	-0.60133843212
20160	09/27/2019	15:07:50	0.000	0.000	2089111.804	6023231.531	7937		GWS	-0.19407265774
20161	09/27/2019	15:07:51	0.000	0.000	2089109.302	6023230.813	7684		GWS	-0.43594646272
20162	09/27/2019	15:07:52	0.000	0.000	2089107.467	6023229.080	8641		GWS	0.47896749522
20163	09/27/2019	15:07:53	0.000	0.000	2089105.260	6023227.524	6870		GWS	-1.21414913958
20164	09/27/2019	15:07:54	0.000	0.000	2089102.992	6023225.738	8587		GWS	0.42734225621
20165	09/27/2019	15:07:55	0.000	0.000	2089101.233	6023223.964	9077		GWS	0.89579349904
20166	09/27/2019	15:07:56	0.000	0.000	2089098.903	6023222.201	9019		GWS	0.84034416826
20167	09/27/2019	15:07:57	0.000	0.000	2089097.108	6023220.147	8374		GWS	0.22370936903
20168	09/27/2019	15:07:58	0.000	0.000	2089094.962	6023218.036	8393		GWS	0.24187380497
20169	09/27/2019	15:07:59	0.000	0.000	2089092.824	6023216.151	7798		GWS	-0.32695984704
20170	09/27/2019	15:08:00	0.000	0.000	2089090.870	6023214.270	7829		GWS	-0.29732313576
20171	09/27/2019	15:08:01	0.000	0.000	2089088.484	6023212.582	7867		GWS	-0.26099426386
20172	09/27/2019	15:08:02	0.000	0.000	2089086.494	6023210.723	8716		GWS	0.55066921606
20173	09/27/2019	15:08:03	0.000	0.000	2089084.532	6023209.134	8749		GWS	0.58221797323
20174	09/27/2019	15:08:04	0.000	0.000	2089082.627	6023207.335	7707		GWS	-0.41395793499
20175	09/27/2019	15:08:05	0.000	0.000	2089082.191	6023204.891	7267		GWS	-0.83460803059
20176	09/27/2019	15:08:06	0.000	0.000	2089082.236	6023203.481	7516		GWS	-0.59655831740
20177	09/27/2019	15:08:07	0.000	0.000	2089081.124	6023203.058	7579		GWS	-0.53632887189
20178	09/27/2019	15:08:08	0.000	0.000	2089080.495	6023202.982	6424		GWS	-1.64053537285
20179	09/27/2019	15:08:09	0.000	0.000	2089079.660	6023203.307	8446		GWS	0.29254302103
20180	09/27/2019	15:08:10	0.000	0.000	2089078.900	6023204.324	8171		GWS	0.02963671128
20181	09/27/2019	15:08:11	0.000	0.000	2089077.599	6023205.317	8133		GWS	-0.00669216061
20182	09/27/2019	15:08:12	0.000	0.000	2089076.363	6023206.974	8243		GWS	0.09847036329
20183	09/27/2019	15:08:13	0.000	0.000	2089075.034	6023208.231	8030		GWS	-0.10516252390
20184	09/27/2019	15:08:14	0.000	0.000	2089074.088	6023210.060	7407		GWS	-0.70076481836
20185	09/27/2019	15:08:15	0.000	0.000	2089072.678	6023211.607	7072		GWS	-1.02103250478
20186	09/27/2019	15:08:16	0.000	0.000	2089071.232	6023213.232	6298		GWS	-1.76099426386
20187	09/27/2019	15:08:17	0.000	0.000	2089069.888	6023215.438	7004		GWS	-1.08604206501
20188	09/27/2019	15:08:18	0.000	0.000	2089068.578	6023216.480	5951		GWS	-2.09273422562
20189	09/27/2019	15:08:19	0.000	0.000	2089068.455	6023216.863	5657		GWS	-2.37380497132
20190	09/27/2019	15:08:20	0.000	0.000	2089067.914	6023217.473	5807		GWS	-2.23040152964

Gamma Scan Survey Results
Survey Unit 4 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
20191	09/27/2019	15:08:21	0.000	0.000	2089067.423	6023218.773	7637		GWS	-0.48087954111
20192	09/27/2019	15:08:22	0.000	0.000	2089066.266	6023219.651	8209		GWS	0.50044130627
20193	09/27/2019	15:08:23	0.000	0.000	2089065.779	6023219.617	8532		GWS	0.78552515446

Gamma Scan Survey Results
Survey Unit 4 Manholes and Grates

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
0	9/9/2019	12:32:02			636773.8719	1835849.712	7307		GWS	1.687969925
1	9/9/2019	12:32:03			636773.5333	1835850.11	7616		GWS	1.920300752
2	9/9/2019	12:32:04			636773.1817	1835850.294	7514		GWS	1.843609023
3	9/9/2019	12:32:05			636772.8797	1835850.669	6648		GWS	1.192481203
4	9/9/2019	12:32:06			636772.4611	1835850.877	5643		GWS	0.436842105
5	9/9/2019	12:32:07			636771.7556	1835851.136	6691		GWS	1.22481203
6	9/9/2019	12:32:08			636771.6684	1835850.673	6922		GWS	1.398496241
7	9/9/2019	12:32:09			636771.5268	1835850.713	7460		GWS	1.803007519
8	9/9/2019	12:34:38			636737.249	1835894.884	6572		GWS	1.135338346
9	9/9/2019	12:34:39			636737.834	1835895.044	8303		GWS	2.436842105
10	9/9/2019	12:34:39			636737.9536	1835895.507	8051		GWS	2.247368421
11	9/9/2019	12:34:40			636738.0547	1835896.246	8671		GWS	2.713533835
12	9/9/2019	12:34:41			636737.6378	1835896.778	7087		GWS	1.522556391
13	9/9/2019	12:48:16			636578.763	1836108.34	6742		GWS	1.263157895
14	9/9/2019	12:48:17			636579.0456	1836108.826	8165		GWS	2.333082707
15	9/9/2019	12:48:18			636579.2001	1836108.959	7441		GWS	1.788721805
16	9/9/2019	12:48:19			636579.0279	1836108.673	7020		GWS	1.472180451
17	9/9/2019	12:48:20			636578.865	1836108.36	7185		GWS	1.596240602
18	9/9/2019	12:48:21			636579.0429	1836108.195	7406		GWS	1.762406015
19	9/9/2019	12:49:42			636579.8873	1836108.113	7672		GWS	1.962406015
20	9/9/2019	12:49:43			636579.9785	1836108.145	7408		GWS	1.763909774
21	9/9/2019	12:49:44			636579.9696	1836108.179	7162		GWS	1.578947368
22	9/9/2019	12:49:45			636579.9594	1836108.188	7070		GWS	1.509774436
23	9/9/2019	12:49:46			636579.9884	1836108.155	6657		GWS	1.19924812
24	9/9/2019	12:49:47			636579.7647	1836108.027	7094		GWS	1.527819549
25	9/9/2019	12:51:57			636567.3522	1836143.505	6911		GWS	1.390225564
26	9/9/2019	12:51:58			636567.7365	1836143.508	6018		GWS	0.718796992
27	9/9/2019	12:51:59			636567.8117	1836143.565	5912		GWS	0.639097744
28	9/9/2019	12:52:00			636567.5568	1836143.255	5952		GWS	0.669172932
29	9/9/2019	12:56:17			636592.0757	1836112.036	6184		GWS	0.843609023
30	9/9/2019	12:56:18			636592.3606	1836111.468	5672		GWS	0.458646617
31	9/9/2019	12:56:19			636592.8128	1836111.274	4588		GWS	-0.356390977
32	9/9/2019	12:56:20			636593.2782	1836111.078	5146		GWS	0.063157895
33	9/9/2019	12:56:21			636593.3261	1836111.006	5767		GWS	0.530075188
34	9/9/2019	12:56:22			636592.9348	1836110.753	6506		GWS	1.085714286
35	9/9/2019	12:56:23			636592.5715	1836111.087	6846		GWS	1.341353383
36	9/9/2019	12:56:24			636592.1617	1836111.477	8221		GWS	2.37518797
37	9/9/2019	12:58:46			636616.0712	1836080.215	7473		GWS	1.812781955
38	9/9/2019	12:59:27			636615.7614	1836079.125	7522		GWS	1.84962406
39	9/9/2019	12:59:28			636615.9925	1836078.962	7130		GWS	1.554887218
40	9/9/2019	12:59:29			636616.3564	1836078.595	6792		GWS	1.30075188
41	9/9/2019	12:59:30			636616.9352	1836078.155	7248		GWS	1.643609023
42	9/9/2019	12:59:31			636617.4285	1836078.329	7542		GWS	1.864661654
43	9/9/2019	12:59:32			636617.7969	1836078.544	6445		GWS	1.039849624
44	9/9/2019	13:09:07			636728.8407	1835933.394	6354		GWS	0.971428571
45	9/9/2019	13:09:08			636729.0497	1835932.938	7288		GWS	1.673684211
46	9/9/2019	13:09:09			636729.2489	1835932.41	7072		GWS	1.511278195
47	9/9/2019	13:09:10			636729.5804	1835932.126	8038		GWS	2.237593985
48	9/9/2019	13:09:11			636729.8457	1835931.615	8699		GWS	2.734586466
49	9/9/2019	13:09:12			636730.2618	1835931.241	7335		GWS	1.709022556
50	9/9/2019	13:09:13			636730.7777	1835930.992	7383		GWS	1.745112782
51	9/9/2019	13:09:14			636731.2274	1835930.893	7905		GWS	2.137593985
52	9/9/2019	13:15:20			636795.4845	1835846.494	7260		GWS	1.652631579
53	9/9/2019	13:15:21			636795.6144	1835845.749	7725		GWS	2.002255639
54	9/9/2019	13:15:23			636796.2256	1835844.375	8073		GWS	2.263909774
55	9/9/2019	13:15:24			636796.8159	1835843.941	8978		GWS	2.944360902
56	9/9/2019	13:15:25			636797.5607	1835843.749	7764		GWS	2.031578947
57	9/9/2019	13:15:26			636798.1293	1835843.452	7761		GWS	2.029323308
58	9/9/2019	13:32:52			636813.5826	1835810.44	7894		GWS	2.129323308
59	9/9/2019	13:32:53			636813.5685	1835810.493	7793		GWS	2.053383459
60	9/9/2019	13:32:54			636813.6391	1835810.529	7168		GWS	1.583458647

Gamma Scan Survey Results
Survey Unit 4 Manholes and Grates

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
61	9/9/2019	13:32:55			636813.868	1835810.634	7972		GWS	2.187969925
62	9/9/2019	13:32:56			636814.0237	1835810.622	7183		GWS	1.594736842
63	9/9/2019	13:32:57			636813.9552	1835810.506	7195		GWS	1.603759399
64	9/9/2019	13:32:58			636813.8633	1835810.487	7349		GWS	1.719548872
65	9/9/2019	13:32:59			636813.8958	1835810.544	7387		GWS	1.748120301
66	9/9/2019	13:33:00			636813.9654	1835810.76	6646		GWS	1.190977444
67	9/9/2019	13:33:01			636814.0428	1835811.132	5552		GWS	0.368421053
68	9/9/2019	13:33:02			636813.8754	1835811.481	5223		GWS	0.121052632
69	9/9/2019	13:33:03			636813.4251	1835811.58	5398		GWS	0.252631579
70	9/9/2019	13:33:04			636813.0937	1835811.393	5451		GWS	0.292481203
71	9/9/2019	13:33:05			636813.1094	1835811.068	5376		GWS	0.236090226
72	9/9/2019	13:33:06			636813.3911	1835810.838	4812		GWS	-0.187969925
73	9/9/2019	13:33:07			636813.7668	1835810.786	5062		GWS	0
74	9/9/2019	13:33:08			636814.0365	1835811.071	5082		GWS	0.015037594
75	9/9/2019	13:33:09			636814.1332	1835811.439	5221		GWS	0.119548872
76	9/9/2019	13:33:59			636797.9329	1835843.361	7437		GWS	1.785714286
77	9/9/2019	13:34:00			636797.9107	1835843.917	8249		GWS	2.396240602
78	9/9/2019	13:34:01			636798.0528	1835844.154	7132		GWS	1.556390977
79	9/9/2019	13:34:02			636797.7444	1835844.145	6703		GWS	1.233834586
80	9/9/2019	13:34:03			636797.208	1835844.398	6715		GWS	1.242857143
81	9/9/2019	13:34:04			636797.0418	1835844.896	6299		GWS	0.930075188
82	9/9/2019	13:34:05			636797.0907	1835845.106	7004		GWS	1.460150376
83	9/9/2019	13:34:06			636797.0254	1835845.196	7451		GWS	1.796240602
84	9/9/2019	13:34:07			636796.9757	1835845.212	6722		GWS	1.248120301
85	9/9/2019	13:34:08			636796.7023	1835845.169	6900		GWS	1.381954887
86	9/9/2019	13:34:09			636796.363	1835845.375	6825		GWS	1.32556391
87	9/9/2019	13:34:10			636796.176	1835845.708	6326		GWS	0.95037594
88	9/9/2019	13:34:11			636796.2667	1835846.061	6741		GWS	1.262406015
89	9/9/2019	13:34:12			636796.4235	1835846.25	6995		GWS	1.453383459
90	9/9/2019	13:34:13			636796.4227	1835846.027	7268		GWS	1.658646617
91	9/9/2019	13:34:14			636796.5807	1835845.577	6587		GWS	1.146616541
92	9/9/2019	13:34:15			636796.9419	1835845.348	6536		GWS	1.108270677
93	9/9/2019	13:34:16			636797.0758	1835845.312	7244		GWS	1.640601504
94	9/9/2019	13:34:29			636787.0346	1835846.15	7046		GWS	1.491729323
95	9/9/2019	13:34:30			636786.9367	1835846.256	5751		GWS	0.518045113
96	9/9/2019	13:34:31			636786.7486	1835846.385	5275		GWS	0.160150376
97	9/9/2019	13:34:32			636786.5848	1835846.446	5719		GWS	0.493984962
98	9/9/2019	13:34:33			636786.699	1835846.485	5295		GWS	0.17518797
99	9/9/2019	13:34:34			636786.8068	1835846.457	5280		GWS	0.163909774
100	9/9/2019	13:34:35			636786.8729	1835846.542	5265		GWS	0.152631579
101	9/9/2019	13:34:36			636786.9183	1835846.729	5054		GWS	-0.006015038
102	9/9/2019	13:34:37			636787.0259	1835846.665	5063		GWS	0.00075188
103	9/9/2019	13:34:38			636786.9837	1835846.502	4948		GWS	-0.085714286
104	9/9/2019	13:34:39			636786.84	1835846.262	5498		GWS	0.327819549
105	9/9/2019	13:34:40			636786.8908	1835846.118	5695		GWS	0.47593985
106	9/9/2019	13:34:50			636780.5933	1835849.439	7446		GWS	1.792481203
107	9/9/2019	13:34:51			636780.4264	1835849.626	7201		GWS	1.608270677
108	9/9/2019	13:34:52			636780.1862	1835850.218	6600		GWS	1.156390977
109	9/9/2019	13:34:53			636779.8096	1835850.621	7530		GWS	1.855639098
110	9/9/2019	13:34:54			636779.3762	1835850.715	7132		GWS	1.556390977
111	9/9/2019	13:34:55			636778.8428	1835850.613	6943		GWS	1.414285714
112	9/9/2019	13:34:56			636778.4042	1835850.319	5696		GWS	0.476691729
113	9/9/2019	13:34:57			636778.2265	1835849.813	5731		GWS	0.503007519
114	9/9/2019	13:34:58			636778.3594	1835849.31	5849		GWS	0.591729323
115	9/9/2019	13:34:59			636778.6675	1835848.903	5547		GWS	0.364661654
116	9/9/2019	13:35:00			636778.9337	1835848.462	5715		GWS	0.490977444
117	9/9/2019	13:35:01			636779.3719	1835848.356	5832		GWS	0.578947368
118	9/9/2019	13:35:02			636779.7993	1835848.418	6672		GWS	1.210526316
119	9/9/2019	13:35:03			636779.8532	1835848.484	6558		GWS	1.12481203
120	9/9/2019	13:35:04			636779.7992	1835848.473	7609		GWS	1.915037594
121	9/9/2019	13:35:05			636779.9621	1835848.371	7482		GWS	1.819548872

Gamma Scan Survey Results
Survey Unit 4 Manholes and Grates

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
122	9/9/2019	13:35:06			636780.0445	1835848.262	7330		GWS	1.705263158
123	9/9/2019	13:35:07			636780.0387	1835848.244	6722		GWS	1.248120301
124	9/9/2019	13:35:08			636780.0585	1835848.357	6960		GWS	1.427067669
125	9/9/2019	13:35:09			636780.0403	1835848.407	6390		GWS	0.998496241
126	9/9/2019	13:35:10			636779.9956	1835848.257	6967		GWS	1.432330827
127	9/9/2019	13:35:11			636779.9495	1835848.183	7442		GWS	1.789473684
128	9/9/2019	13:35:12			636779.9118	1835848.265	8040		GWS	2.239097744
129	9/9/2019	13:35:13			636779.8887	1835848.476	7980		GWS	2.193984962
130	9/9/2019	13:35:14			636779.9597	1835848.588	7995		GWS	2.205263158
131	9/9/2019	13:35:15			636779.9646	1835848.541	7398		GWS	1.756390977
132	9/9/2019	13:35:16			636779.9678	1835848.546	6829		GWS	1.328571429
133	9/9/2019	13:35:17			636779.9826	1835848.605	6747		GWS	1.266917293
134	9/9/2019	13:35:18			636779.995	1835848.53	7237		GWS	1.635338346
135	9/9/2019	13:35:19			636779.9873	1835848.215	7809		GWS	2.065413534
136	9/9/2019	13:35:20			636779.9552	1835847.929	8162		GWS	2.330827068
137	9/9/2019	13:35:21			636779.9503	1835847.886	8730		GWS	2.757894737
138	9/9/2019	13:35:22			636779.9857	1835847.892	7522		GWS	1.84962406
139	9/9/2019	13:35:44			636780.4925	1835849.081	8447		GWS	2.545112782
140	9/9/2019	13:35:45			636780.8302	1835849.559	8591		GWS	2.653383459
141	9/9/2019	13:35:46			636781.1206	1835849.97	7938		GWS	2.162406015
142	9/9/2019	13:35:47			636781.3723	1835850.396	7204		GWS	1.610526316
143	9/9/2019	13:35:48			636781.3885	1835850.964	6901		GWS	1.382706767
144	9/9/2019	13:35:49			636780.9987	1835851.27	6315		GWS	0.942105263
145	9/9/2019	13:35:50			636780.5071	1835851.193	6798		GWS	1.305263158
146	9/9/2019	13:35:51			636780.1906	1835850.831	6259		GWS	0.9
147	9/9/2019	13:35:52			636780.2332	1835850.365	6095		GWS	0.776691729
148	9/9/2019	13:35:53			636780.6149	1835850.137	6233		GWS	0.880451128
149	9/9/2019	13:35:54			636781.121	1835850.169	6538		GWS	1.109774436
150	9/9/2019	13:35:55			636781.3561	1835850.197	6014		GWS	0.715789474
151	9/9/2019	13:36:00			636782.2235	1835851.505	6776		GWS	1.288721805
152	9/9/2019	13:36:01			636782.2047	1835851.683	5661		GWS	0.45037594
153	9/9/2019	13:36:02			636782.3492	1835851.733	5224		GWS	0.121804511
154	9/9/2019	13:36:03			636782.413	1835851.941	5068		GWS	0.004511278
155	9/9/2019	13:36:04			636782.456	1835851.915	4988		GWS	-0.055639098
156	9/9/2019	13:36:05			636782.526	1835851.889	5258		GWS	0.147368421
157	9/9/2019	13:36:06			636782.5323	1835851.95	5118		GWS	0.042105263
158	9/9/2019	13:36:07			636782.5467	1835851.808	5691		GWS	0.472932331
159	9/9/2019	13:36:09			636782.773	1835851.744	6470		GWS	1.058646617
160	9/9/2019	13:36:10			636783.248	1835851.939	7497		GWS	1.830827068
161	9/9/2019	13:36:11			636783.6864	1835851.874	7064		GWS	1.505263158
162	9/9/2019	13:36:12			636783.7678	1835851.88	6866		GWS	1.356390977
163	9/9/2019	13:36:13			636783.6629	1835851.998	8256		GWS	2.401503759
164	9/9/2019	13:36:14			636783.5303	1835852.004	8994		GWS	2.956390977
165	9/9/2019	13:36:15			636783.3147	1835852.004	8728		GWS	2.756390977
166	9/9/2019	13:36:16			636783.3605	1835851.958	9922		GWS	3.654135338
167	9/9/2019	13:36:17			636783.5429	1835851.928	8180		GWS	2.344360902
168	9/9/2019	13:36:36			636783.239	1835851.983	8706		GWS	2.739849624
169	9/9/2019	13:36:37			636783.3994	1835852.074	8176		GWS	2.341353383
170	9/9/2019	13:36:38			636784.0309	1835851.996	7294		GWS	1.678195489
171	9/9/2019	13:36:39			636784.5458	1835852.197	7913		GWS	2.143609023
172	9/9/2019	13:36:40			636784.9566	1835852.571	7378		GWS	1.741353383
173	9/9/2019	13:36:41			636785.3112	1835852.986	7694		GWS	1.978947368
174	9/9/2019	13:36:42			636785.3294	1835853.525	6753		GWS	1.271428571
175	9/9/2019	13:36:43			636785.0678	1835854.215	5438		GWS	0.282706767
176	9/9/2019	13:36:44			636784.5223	1835854.574	5781		GWS	0.540601504
177	9/9/2019	13:36:45			636784.0124	1835854.492	6154		GWS	0.821052632
178	9/9/2019	13:36:46			636783.5322	1835854.241	7028		GWS	1.478195489
179	9/9/2019	13:36:47			636783.2153	1835853.927	7637		GWS	1.936090226
180	9/9/2019	13:36:48			636782.9591	1835853.585	7339		GWS	1.712030075
181	9/9/2019	13:36:49			636782.9911	1835853.102	7594		GWS	1.903759399
182	9/9/2019	13:36:50			636783.3305	1835852.584	7448		GWS	1.793984962

Gamma Scan Survey Results
Survey Unit 4 Manholes and Grates

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
183	9/9/2019	13:36:51			636783.5032	1835852.338	7472		GWS	1.812030075
184	9/9/2019	13:37:08			636771.6372	1835850.876	6689		GWS	1.223308271
185	9/9/2019	13:37:09			636771.7521	1835850.703	7342		GWS	1.714285714
186	9/9/2019	13:37:10			636771.9464	1835850.462	7235		GWS	1.633834586
187	9/9/2019	13:37:11			636772.0035	1835850.589	6278		GWS	0.914285714
188	9/9/2019	13:37:12			636772.112	1835850.612	6639		GWS	1.185714286
189	9/9/2019	13:37:13			636772.1135	1835850.492	6550		GWS	1.118796992
190	9/9/2019	13:37:14			636772.049	1835850.282	6767		GWS	1.281954887
191	9/9/2019	13:37:15			636771.9689	1835850.263	6131		GWS	0.803759398
192	9/9/2019	13:37:16			636771.9136	1835850.501	7263		GWS	1.654887218
193	9/9/2019	13:37:17			636772.2963	1835850.868	7335		GWS	1.709022556
194	9/9/2019	13:37:18			636772.9807	1835850.914	6693		GWS	1.226315789
195	9/9/2019	13:37:19			636773.4868	1835850.544	6563		GWS	1.128571429
196	9/9/2019	13:37:20			636773.9347	1835850.214	7521		GWS	1.84887218
197	9/9/2019	13:37:21			636773.8889	1835849.643	7640		GWS	1.938345865
198	9/9/2019	13:37:22			636773.3775	1835848.867	6680		GWS	1.216541353
199	9/9/2019	13:37:23			636773.0293	1835848.748	7040		GWS	1.487218045
200	9/9/2019	13:37:24			636773.0646	1835848.867	6890		GWS	1.37443609
201	9/9/2019	13:37:25			636773.1844	1835848.882	7152		GWS	1.571428571
202	9/9/2019	13:37:26			636773.2554	1835848.732	7248		GWS	1.643609023
203	9/9/2019	13:37:27			636773.2482	1835848.596	7362		GWS	1.729323308
204	9/9/2019	13:37:28			636773.1107	1835848.465	7060		GWS	1.502255639
205	9/9/2019	13:38:08			636745.4793	1835890.929	6638		GWS	1.184962406
206	9/9/2019	13:38:09			636745.1177	1835891.199	6069		GWS	0.757142857
207	9/9/2019	13:38:10			636744.9338	1835891.662	5231		GWS	0.127067669
208	9/9/2019	13:38:11			636744.6201	1835892.201	5080		GWS	0.013533835
209	9/9/2019	13:38:12			636744.2668	1835892.755	5040		GWS	-0.016541353
210	9/9/2019	13:38:13			636743.7066	1835893.142	5377		GWS	0.236842105
211	9/9/2019	13:38:14			636743.1847	1835893.215	5769		GWS	0.531578947
212	9/9/2019	13:38:15			636742.9348	1835892.855	6350		GWS	0.968421053
213	9/9/2019	13:38:16			636743.0771	1835892.396	5501		GWS	0.330075188
214	9/9/2019	13:38:17			636743.4246	1835891.887	5427		GWS	0.27443609
215	9/9/2019	13:38:18			636743.8212	1835891.42	5017		GWS	-0.033834586
216	9/9/2019	13:38:19			636744.2465	1835890.936	5170		GWS	0.081203008
217	9/9/2019	13:38:20			636744.7936	1835890.908	5398		GWS	0.252631579
218	9/9/2019	13:38:21			636745.2622	1835891.4	5429		GWS	0.27593985
219	9/9/2019	13:38:22			636745.5935	1835891.924	4568		GWS	-0.371428571
220	9/9/2019	13:38:23			636745.9124	1835892.371	4040		GWS	-0.768421053
221	9/9/2019	13:38:24			636746.42	1835892.618	3690		GWS	-1.031578947
222	9/9/2019	13:38:25			636746.8426	1835892.89	3659		GWS	-1.054887218
223	9/9/2019	13:38:26			636747.3178	1835893.217	3594		GWS	-1.103759399
224	9/9/2019	13:38:27			636747.5099	1835893.668	3599		GWS	-1.1
225	9/9/2019	13:38:28			636747.3158	1835894.176	3699		GWS	-1.02481203
226	9/9/2019	13:38:29			636747.0317	1835894.642	3495		GWS	-1.178195489
227	9/9/2019	13:38:30			636746.625	1835894.848	3677		GWS	-1.041353383
228	9/9/2019	13:38:31			636746.0915	1835894.659	4007		GWS	-0.793233083
229	9/9/2019	13:38:32			636745.5952	1835894.332	3989		GWS	-0.806766917
230	9/9/2019	13:38:33			636745.1902	1835893.922	3917		GWS	-0.860902256
231	9/9/2019	13:38:34			636744.7101	1835893.63	3978		GWS	-0.815037594
232	9/9/2019	13:38:35			636744.3623	1835893.256	3622		GWS	-1.082706767
233	9/9/2019	13:38:36			636744.0787	1835892.92	3609		GWS	-1.092481203
234	9/9/2019	13:38:37			636744.1099	1835892.673	4175		GWS	-0.666917293
235	9/9/2019	13:38:38			636744.4458	1835892.627	4613		GWS	-0.337593985
236	9/9/2019	13:38:39			636745.103	1835892.634	3870		GWS	-0.896240602
237	9/9/2019	13:38:40			636745.6576	1835892.566	3684		GWS	-1.036090226
238	9/9/2019	13:38:41			636746.0572	1835892.841	3862		GWS	-0.902255639
239	9/9/2019	13:38:42			636746.4437	1835893.192	3611		GWS	-1.090977444
240	9/9/2019	13:38:43			636746.7794	1835893.34	3595		GWS	-1.103007519
241	9/9/2019	13:38:44			636747.28	1835893.36	3713		GWS	-1.014285714
242	9/9/2019	13:38:45			636747.9523	1835893.452	4585		GWS	-0.358646617
243	9/9/2019	13:38:46			636748.4903	1835893.634	4949		GWS	-0.084962406

Gamma Scan Survey Results
Survey Unit 4 Manholes and Grates

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
244	9/9/2019	13:38:47			636748.4553	1835894.08	5011		GWS	-0.038345865
245	9/9/2019	13:38:48			636748.1437	1835894.564	5151		GWS	0.066917293
246	9/9/2019	13:38:49			636747.7605	1835895.027	4727		GWS	-0.251879699
247	9/9/2019	13:38:50			636747.3286	1835895.554	4759		GWS	-0.227819549
248	9/9/2019	13:38:51			636746.9195	1835895.967	4957		GWS	-0.078947368
249	9/9/2019	13:38:52			636746.4659	1835895.886	5466		GWS	0.303759398
250	9/9/2019	13:38:53			636746.4299	1835895.487	5279		GWS	0.163157895
251	9/9/2019	13:38:54			636746.754	1835895.046	5377		GWS	0.236842105
252	9/9/2019	13:38:55			636747.1587	1835894.48	4742		GWS	-0.240601504
253	9/9/2019	13:38:56			636747.5221	1835893.94	4782		GWS	-0.210526316
254	9/9/2019	13:38:57			636747.9576	1835893.621	4632		GWS	-0.323308271
255	9/9/2019	13:38:58			636748.257	1835893.519	5868		GWS	0.606015038
256	9/9/2019	13:39:01			636749.1997	1835894.268	7389		GWS	1.74962406
257	9/9/2019	13:39:02			636749.4194	1835894.423	6167		GWS	0.830827068
258	9/9/2019	13:39:03			636749.7254	1835894.547	5492		GWS	0.323308271
259	9/9/2019	13:39:04			636749.7792	1835895.001	5294		GWS	0.17443609
260	9/9/2019	13:39:05			636749.7004	1835895.581	4830		GWS	-0.17443609
261	9/9/2019	13:39:06			636749.356	1835896.06	4464		GWS	-0.44962406
262	9/9/2019	13:39:07			636748.9123	1835896.564	4154		GWS	-0.682706767
263	9/9/2019	13:39:08			636748.552	1835897.013	4669		GWS	-0.295488722
264	9/9/2019	13:39:09			636748.052	1835896.901	4898		GWS	-0.123308271
265	9/9/2019	13:39:10			636747.78	1835896.455	4660		GWS	-0.302255639
266	9/9/2019	13:39:11			636748.061	1835895.909	4729		GWS	-0.25037594
267	9/9/2019	13:39:12			636748.4517	1835895.34	4557		GWS	-0.379699248
268	9/9/2019	13:39:13			636748.8435	1835894.819	4731		GWS	-0.24887218
269	9/9/2019	13:39:14			636749.4133	1835894.571	4648		GWS	-0.311278195
270	9/9/2019	13:39:15			636749.886	1835894.802	4910		GWS	-0.114285714
271	9/9/2019	13:39:16			636750.1072	1835895.519	4846		GWS	-0.162406015
272	9/9/2019	13:39:17			636750.5115	1835896.026	4121		GWS	-0.707518797
273	9/9/2019	13:39:18			636751.0811	1835896.351	3641		GWS	-1.068421053
274	9/9/2019	13:39:19			636751.6076	1835896.795	3415		GWS	-1.238345865
275	9/9/2019	13:39:20			636752.0966	1835897.159	3495		GWS	-1.178195489
276	9/9/2019	13:39:21			636752.0824	1835897.677	3370		GWS	-1.272180451
277	9/9/2019	13:39:22			636751.7981	1835898.299	3697		GWS	-1.026315789
278	9/9/2019	13:39:23			636751.3946	1835898.605	3777		GWS	-0.966165414
279	9/9/2019	13:39:24			636750.8028	1835898.38	3583		GWS	-1.112030075
280	9/9/2019	13:39:25			636750.2275	1835898.011	3658		GWS	-1.055639098
281	9/9/2019	13:39:26			636749.8195	1835897.596	3597		GWS	-1.101503759
282	9/9/2019	13:39:27			636749.3179	1835897.292	3664		GWS	-1.05112782
283	9/9/2019	13:39:28			636749.0565	1835896.888	3671		GWS	-1.045864662
284	9/9/2019	13:39:29			636749.1371	1835896.304	3709		GWS	-1.017293233
285	9/9/2019	13:39:30			636749.3939	1835895.807	3469		GWS	-1.197744361
286	9/9/2019	13:39:31			636749.9528	1835895.849	3456		GWS	-1.207518797
287	9/9/2019	13:39:32			636750.4954	1835896.054	3410		GWS	-1.242105263
288	9/9/2019	13:39:33			636750.8894	1835896.471	3448		GWS	-1.213533835
289	9/9/2019	13:39:34			636751.3539	1835896.845	3558		GWS	-1.130827068
290	9/9/2019	13:39:35			636751.7786	1835897.15	3490		GWS	-1.181954887
291	9/9/2019	13:39:36			636751.8304	1835897.676	3480		GWS	-1.189473684
292	9/9/2019	13:39:37			636751.6222	1835898.153	3627		GWS	-1.078947368
293	9/9/2019	13:39:38			636751.1307	1835898.21	3622		GWS	-1.082706767
294	9/9/2019	13:39:39			636750.7273	1835897.887	3572		GWS	-1.120300752
295	9/9/2019	13:39:40			636750.2822	1835897.617	3680		GWS	-1.039097744
296	9/9/2019	13:39:41			636749.9185	1835897.256	3772		GWS	-0.969924812
297	9/9/2019	13:39:42			636749.5499	1835896.995	3763		GWS	-0.976691729
298	9/9/2019	13:39:43			636749.3646	1835896.558	3603		GWS	-1.096992481
299	9/9/2019	13:39:44			636749.4308	1835895.987	3709		GWS	-1.017293233
300	9/9/2019	13:39:45			636749.8543	1835895.751	3875		GWS	-0.892481203
301	9/9/2019	13:39:46			636750.3267	1835896.042	3438		GWS	-1.221052632
302	9/9/2019	13:39:47			636750.7941	1835896.363	3327		GWS	-1.304511278
303	9/9/2019	13:39:48			636751.1709	1835896.823	3307		GWS	-1.319548872
304	9/9/2019	13:39:49			636751.5565	1835897.233	3350		GWS	-1.287218045

Gamma Scan Survey Results
Survey Unit 4 Manholes and Grates

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
305	9/9/2019	13:39:50			636751.7517	1835897.631	3412		GWS	-1.240601504
306	9/9/2019	13:39:51			636751.6076	1835898.174	4184		GWS	-0.660150376
307	9/9/2019	13:39:52			636751.5348	1835898.65	4753		GWS	-0.232330827
308	9/9/2019	13:39:53			636751.5237	1835898.89	4586		GWS	-0.357894737
309	9/9/2019	13:39:54			636751.5996	1835898.96	4672		GWS	-0.293233083
310	9/9/2019	13:39:55			636751.5851	1835898.845	4555		GWS	-0.381203008
311	9/9/2019	13:39:56			636751.7007	1835898.568	4565		GWS	-0.373684211
312	9/9/2019	13:39:57			636752.0516	1835898.346	4232		GWS	-0.62406015
313	9/9/2019	13:39:58			636752.4544	1835897.991	4481		GWS	-0.436842105
314	9/9/2019	13:39:59			636752.7963	1835897.854	4688		GWS	-0.281203008
315	9/9/2019	13:40:00			636752.6762	1835897.824	4639		GWS	-0.318045113
316	9/9/2019	13:40:01			636752.4473	1835897.881	4244		GWS	-0.615037594
317	9/9/2019	13:40:02			636752.3055	1835898.271	4240		GWS	-0.618045113
318	9/9/2019	13:40:03			636752.2429	1835898.712	4717		GWS	-0.259398496
319	9/9/2019	13:40:04			636751.984	1835899.138	4956		GWS	-0.079699248
320	9/9/2019	13:40:05			636751.6272	1835899.26	4910		GWS	-0.114285714
321	9/9/2019	13:40:06			636751.393	1835898.881	4824		GWS	-0.178947368
322	9/9/2019	13:40:10			636749.7845	1835899.878	6796		GWS	1.303759399
323	9/9/2019	13:40:11			636749.5396	1835899.977	5599		GWS	0.403759398
324	9/9/2019	13:40:12			636749.5361	1835900.047	5924		GWS	0.648120301
325	9/9/2019	13:40:13			636749.4465	1835900.189	5612		GWS	0.413533835
326	9/9/2019	13:40:14			636749.0586	1835900.38	4964		GWS	-0.073684211
327	9/9/2019	13:40:15			636748.6496	1835900.667	4622		GWS	-0.330827068
328	9/9/2019	13:40:16			636748.1699	1835900.607	4415		GWS	-0.486466165
329	9/9/2019	13:40:17			636747.7462	1835900.424	4336		GWS	-0.545864662
330	9/9/2019	13:40:18			636747.6669	1835899.995	3886		GWS	-0.884210526
331	9/9/2019	13:40:19			636747.8892	1835899.467	3772		GWS	-0.969924812
332	9/9/2019	13:40:20			636748.27	1835899.236	3826		GWS	-0.929323308
333	9/9/2019	13:40:21			636748.6563	1835899.406	3817		GWS	-0.936090226
334	9/9/2019	13:40:22			636749.0448	1835899.583	4134		GWS	-0.697744361
335	9/9/2019	13:40:23			636749.2223	1835900.044	4582		GWS	-0.360902256
336	9/9/2019	13:40:24			636748.8773	1835900.507	4325		GWS	-0.554135338
337	9/9/2019	13:40:25			636748.2053	1835900.686	4608		GWS	-0.341353383
338	9/9/2019	13:40:27			636747.2391	1835899.935	5820		GWS	0.569924812
339	9/9/2019	13:40:28			636746.8901	1835899.453	5831		GWS	0.578195489
340	9/9/2019	13:40:29			636746.6371	1835899.071	4900		GWS	-0.121804511
341	9/9/2019	13:40:30			636746.4769	1835898.59	4803		GWS	-0.194736842
342	9/9/2019	13:40:31			636746.6761	1835898.183	4487		GWS	-0.432330827
343	9/9/2019	13:40:32			636747.1882	1835898.228	4505		GWS	-0.418796992
344	9/9/2019	13:40:33			636747.5281	1835898.604	5000		GWS	-0.046616541
345	9/9/2019	13:40:34			636747.1773	1835899.017	4140		GWS	-0.693233083
346	9/9/2019	13:40:35			636746.5856	1835899.112	3948		GWS	-0.837593985
347	9/9/2019	13:40:36			636746.205	1835898.835	4493		GWS	-0.427819549
348	9/9/2019	13:40:37			636745.9249	1835898.356	6052		GWS	0.744360902
349	9/9/2019	13:40:38			636745.4193	1835897.917	5769		GWS	0.531578947
350	9/9/2019	13:40:39			636744.8036	1835897.807	4843		GWS	-0.164661654
351	9/9/2019	13:40:40			636744.4469	1835897.373	5026		GWS	-0.027067669
352	9/9/2019	13:40:41			636744.5848	1835896.932	4852		GWS	-0.157894737
353	9/9/2019	13:40:42			636745.0565	1835896.728	4642		GWS	-0.315789474
354	9/9/2019	13:40:43			636745.5324	1835897.048	4681		GWS	-0.286466165
355	9/9/2019	13:40:44			636745.6345	1835897.49	4290		GWS	-0.580451128
356	9/9/2019	13:40:45			636745.2529	1835897.735	3866		GWS	-0.89924812
357	9/9/2019	13:40:46			636744.7081	1835897.583	3901		GWS	-0.872932331
358	9/9/2019	13:40:47			636744.3909	1835897.14	4076		GWS	-0.741353383
359	9/9/2019	13:40:48			636744.4725	1835896.552	5038		GWS	-0.018045113
360	9/9/2019	13:40:49			636744.461	1835895.964	4798		GWS	-0.198496241
361	9/9/2019	13:40:50			636744.2046	1835895.54	5047		GWS	-0.011278195
362	9/9/2019	13:40:51			636744.1483	1835895.694	4601		GWS	-0.346616541
363	9/9/2019	13:40:52			636744.1931	1835896.143	4583		GWS	-0.360150376
364	9/9/2019	13:40:53			636744.0418	1835896.661	4550		GWS	-0.384962406
365	9/9/2019	13:40:54			636743.5585	1835896.9	4742		GWS	-0.240601504

Gamma Scan Survey Results
Survey Unit 4 Manholes and Grates

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
366	9/9/2019	13:40:55			636743.0101	1835896.723	4197		GWS	-0.65037594
367	9/9/2019	13:40:56			636742.7066	1835896.323	4221		GWS	-0.632330827
368	9/9/2019	13:40:57			636742.9973	1835895.953	4133		GWS	-0.698496241
369	9/9/2019	13:40:58			636743.2154	1835895.642	4200		GWS	-0.648120301
370	9/9/2019	13:41:06			636737.8432	1835894.959	5535		GWS	0.355639098
371	9/9/2019	13:41:07			636737.4866	1835895.11	5880		GWS	0.615037594
372	9/9/2019	13:41:08			636737.6844	1835895.265	5745		GWS	0.513533835
373	9/9/2019	13:41:09			636738.0972	1835895.665	6509		GWS	1.087969925
374	9/9/2019	13:41:10			636738.1144	1835896.156	6727		GWS	1.251879699
375	9/9/2019	13:41:11			636737.7667	1835896.49	5641		GWS	0.435338346
376	9/9/2019	13:41:12			636737.483	1835896.851	5565		GWS	0.378195489
377	9/9/2019	13:41:13			636737.0978	1835897.056	5568		GWS	0.380451128
378	9/9/2019	13:41:14			636736.6562	1835896.952	5847		GWS	0.590225564
379	9/9/2019	13:41:15			636736.3443	1835896.78	5651		GWS	0.442857143
380	9/9/2019	13:41:16			636736.3017	1835896.764	5699		GWS	0.478947368
381	9/9/2019	13:41:34			636733.4158	1835916.08	6874		GWS	1.362406015
382	9/9/2019	13:41:35			636733.2542	1835916.657	5618		GWS	0.418045113
383	9/9/2019	13:41:36			636733.0913	1835917.112	4548		GWS	-0.386466165
384	9/9/2019	13:41:37			636732.6737	1835917.231	4118		GWS	-0.709774436
385	9/9/2019	13:41:38			636732.4576	1835916.777	4244		GWS	-0.615037594
386	9/9/2019	13:41:39			636732.7503	1835916.325	4104		GWS	-0.720300752
387	9/9/2019	13:41:40			636733.2262	1835916.461	4124		GWS	-0.705263158
388	9/9/2019	13:41:41			636733.3019	1835917.011	3977		GWS	-0.815789474
389	9/9/2019	13:41:55			636730.8302	1835930.437	7105		GWS	1.536090226
390	9/9/2019	13:41:56			636731.2077	1835930.841	7356		GWS	1.72481203
391	9/9/2019	13:41:57			636731.3367	1835931.002	7389		GWS	1.74962406
392	9/9/2019	13:41:58			636731.0347	1835931	6221		GWS	0.871428571
393	9/9/2019	13:41:59			636730.5438	1835931.281	6202		GWS	0.857142857
394	9/9/2019	13:42:00			636730.1559	1835931.743	5671		GWS	0.457894737
395	9/9/2019	13:42:01			636730.003	1835932.023	5936		GWS	0.657142857
396	9/9/2019	13:42:02			636729.7247	1835932.365	6276		GWS	0.912781955
397	9/9/2019	13:42:03			636729.3522	1835932.878	6219		GWS	0.869924812
398	9/9/2019	13:42:04			636729.2924	1835933.239	5452		GWS	0.293233083
399	9/9/2019	13:42:05			636729.1657	1835933.246	6067		GWS	0.755639098
400	9/9/2019	13:42:19			636719.9001	1835941.419	6510		GWS	1.088721805
401	9/9/2019	13:42:20			636719.6355	1835941.598	5857		GWS	0.597744361
402	9/9/2019	13:42:21			636719.403	1835942.043	5560		GWS	0.37443609
403	9/9/2019	13:42:22			636718.9868	1835942.444	4890		GWS	-0.129323308
404	9/9/2019	13:42:23			636718.6045	1835942.971	4535		GWS	-0.396240602
405	9/9/2019	13:42:24			636718.1569	1835943.281	4988		GWS	-0.055639098
406	9/9/2019	13:42:25			636717.7581	1835942.939	5116		GWS	0.040601504
407	9/9/2019	13:42:26			636717.7772	1835942.427	4707		GWS	-0.266917293
408	9/9/2019	13:42:27			636718.2248	1835941.988	4553		GWS	-0.382706767
409	9/9/2019	13:42:28			636718.6776	1835941.544	4571		GWS	-0.369172932
410	9/9/2019	13:42:29			636719.0799	1835941.255	4986		GWS	-0.057142857
411	9/9/2019	13:42:30			636719.2385	1835941.261	5632		GWS	0.428571429
412	9/9/2019	13:42:31			636718.8533	1835941.475	5740		GWS	0.509774436
413	9/9/2019	13:42:32			636718.4311	1835941.731	4601		GWS	-0.346616541
414	9/9/2019	13:42:33			636717.8441	1835941.91	4170		GWS	-0.670676692
415	9/9/2019	13:42:34			636717.2242	1835941.878	4003		GWS	-0.796240602
416	9/9/2019	13:42:35			636716.7945	1835941.46	3740		GWS	-0.993984962
417	9/9/2019	13:42:36			636716.273	1835941.133	3490		GWS	-1.181954887
418	9/9/2019	13:42:37			636715.8569	1835940.752	3251		GWS	-1.361654135
419	9/9/2019	13:42:38			636715.6835	1835940.225	3170		GWS	-1.422556391
420	9/9/2019	13:42:39			636715.8149	1835939.698	3102		GWS	-1.473684211
421	9/9/2019	13:42:40			636716.2817	1835939.304	2989		GWS	-1.558646617
422	9/9/2019	13:42:41			636716.7156	1835939.126	3164		GWS	-1.427067669
423	9/9/2019	13:42:42			636717.118	1835939.549	3217		GWS	-1.387218045
424	9/9/2019	13:42:43			636717.5179	1835939.915	3397		GWS	-1.251879699
425	9/9/2019	13:42:44			636717.9696	1835940.286	3316		GWS	-1.312781955
426	9/9/2019	13:42:45			636718.43	1835940.748	3276		GWS	-1.342857143

Gamma Scan Survey Results
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SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
427	9/9/2019	13:42:46			636718.7277	1835941.17	3202		GWS	-1.398496241
428	9/9/2019	13:42:47			636718.3523	1835941.536	3127		GWS	-1.454887218
429	9/9/2019	13:42:48			636717.8485	1835941.658	3188		GWS	-1.409022556
430	9/9/2019	13:42:49			636717.3412	1835941.362	2940		GWS	-1.595488722
431	9/9/2019	13:42:50			636717.0055	1835941.064	3041		GWS	-1.519548872
432	9/9/2019	13:42:51			636716.7138	1835940.785	2959		GWS	-1.581203008
433	9/9/2019	13:42:52			636716.2567	1835940.368	2965		GWS	-1.576691729
434	9/9/2019	13:42:53			636715.8931	1835940.207	2900		GWS	-1.62556391
435	9/9/2019	13:42:54			636715.9894	1835939.762	2906		GWS	-1.621052632
436	9/9/2019	13:42:55			636716.5626	1835939.613	2966		GWS	-1.57593985
437	9/9/2019	13:42:56			636717.1328	1835939.751	2906		GWS	-1.621052632
438	9/9/2019	13:42:57			636717.5002	1835940.145	2877		GWS	-1.642857143
439	9/9/2019	13:42:58			636718.0196	1835940.514	2842		GWS	-1.669172932
440	9/9/2019	13:42:59			636718.3755	1835941.043	2966		GWS	-1.57593985
441	9/9/2019	13:43:00			636718.1914	1835941.672	3003		GWS	-1.548120301
442	9/9/2019	13:43:01			636717.6798	1835942.078	3125		GWS	-1.456390977
443	9/9/2019	13:43:02			636716.9535	1835941.686	3277		GWS	-1.342105263
444	9/9/2019	13:43:03			636716.3631	1835941.281	3339		GWS	-1.295488722
445	9/9/2019	13:43:04			636715.7884	1835940.797	3728		GWS	-1.003007519
446	9/9/2019	13:43:05			636715.1858	1835940.477	4156		GWS	-0.681203008
447	9/9/2019	13:43:06			636714.62	1835940.362	4692		GWS	-0.278195489
448	9/9/2019	13:43:07			636714.4436	1835939.938	4957		GWS	-0.078947368
449	9/9/2019	13:43:08			636714.5172	1835939.514	4903		GWS	-0.119548872
450	9/9/2019	13:43:09			636714.7894	1835939.036	5060		GWS	-0.001503759
451	9/9/2019	13:43:10			636715.1894	1835938.579	4849		GWS	-0.160150376
452	9/9/2019	13:43:11			636715.5197	1835938.127	5097		GWS	0.026315789
453	9/9/2019	13:43:12			636716.1205	1835938.107	5035		GWS	-0.020300752
454	9/9/2019	13:43:13			636716.523	1835938.372	4684		GWS	-0.284210526
455	9/9/2019	13:43:14			636716.2213	1835938.902	5027		GWS	-0.026315789
456	9/9/2019	13:43:15			636715.8998	1835939.408	4883		GWS	-0.134586466
457	9/9/2019	13:43:16			636715.5306	1835939.914	4681		GWS	-0.286466165
458	9/9/2019	13:43:17			636715.1256	1835940.392	4643		GWS	-0.315037594
459	9/9/2019	13:43:18			636714.6402	1835940.509	4787		GWS	-0.206766917
460	9/9/2019	13:43:19			636714.2467	1835940.075	5332		GWS	0.203007519
461	9/9/2019	13:43:20			636713.7648	1835939.772	5729		GWS	0.501503759
462	9/9/2019	13:43:21			636713.4166	1835939.411	5525		GWS	0.348120301
463	9/9/2019	13:43:22			636713.0875	1835939.035	5553		GWS	0.369172932
464	9/9/2019	13:43:23			636713.0892	1835938.527	4983		GWS	-0.059398496
465	9/9/2019	13:43:24			636713.4619	1835938.145	4918		GWS	-0.108270677
466	9/9/2019	13:43:25			636713.8609	1835937.64	4701		GWS	-0.271428571
467	9/9/2019	13:43:26			636714.2452	1835937.165	4842		GWS	-0.165413534
468	9/9/2019	13:43:27			636714.6289	1835936.907	4883		GWS	-0.134586466
469	9/9/2019	13:43:28			636715.0771	1835936.916	5387		GWS	0.244360902
470	9/9/2019	13:43:29			636715.2149	1835937.26	5400		GWS	0.254135338
471	9/9/2019	13:43:30			636715.0145	1835937.656	5257		GWS	0.146616541
472	9/9/2019	13:43:31			636714.866	1835938.128	4855		GWS	-0.155639098
473	9/9/2019	13:43:32			636714.4062	1835938.524	4883		GWS	-0.134586466
474	9/9/2019	13:43:33			636714.0864	1835938.942	4254		GWS	-0.607518797
475	9/9/2019	13:43:34			636713.7806	1835939.203	4748		GWS	-0.236090226
476	9/9/2019	13:43:35			636713.5194	1835939.133	5198		GWS	0.102255639
477	9/9/2019	13:43:36			636713.1914	1835938.793	4829		GWS	-0.17518797
478	9/9/2019	13:43:37			636712.9287	1835938.315	3976		GWS	-0.816541353
479	9/9/2019	13:43:38			636712.5403	1835937.966	3384		GWS	-1.261654135
480	9/9/2019	13:43:39			636712.0631	1835937.671	3593		GWS	-1.104511278
481	9/9/2019	13:43:40			636711.7148	1835937.274	3465		GWS	-1.20075188
482	9/9/2019	13:43:41			636711.5453	1835937.075	3506		GWS	-1.169924812
483	9/9/2019	13:43:42			636711.5226	1835937.003	3718		GWS	-1.010526316
484	9/9/2019	13:43:43			636711.1987	1835937.05	3829		GWS	-0.927067669
485	9/9/2019	13:43:44			636710.877	1835936.6	3745		GWS	-0.990225564
486	9/9/2019	13:43:45			636711.0214	1835936.041	3847		GWS	-0.913533835
487	9/9/2019	13:43:46			636711.4507	1835935.573	3665		GWS	-1.05037594

Gamma Scan Survey Results
Survey Unit 4 Manholes and Grates

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
488	9/9/2019	13:43:47			636711.9884	1835935.361	3502		GWS	-1.172932331
489	9/9/2019	13:43:48			636712.4865	1835935.472	3568		GWS	-1.123308271
490	9/9/2019	13:43:49			636712.8148	1835935.966	3448		GWS	-1.213533835
491	9/9/2019	13:43:50			636713.3015	1835936.26	3457		GWS	-1.206766917
492	9/9/2019	13:43:51			636713.598	1835936.606	3508		GWS	-1.168421053
493	9/9/2019	13:43:52			636713.8938	1835937.087	3219		GWS	-1.385714286
494	9/9/2019	13:43:53			636713.8623	1835937.581	2992		GWS	-1.556390977
495	9/9/2019	13:43:54			636713.3142	1835937.724	3026		GWS	-1.530827068
496	9/9/2019	13:43:55			636712.8295	1835937.827	3116		GWS	-1.463157895
497	9/9/2019	13:43:56			636712.4266	1835937.606	3291		GWS	-1.331578947
498	9/9/2019	13:43:57			636712.077	1835937.225	3158		GWS	-1.431578947
499	9/9/2019	13:43:58			636711.6763	1835937.108	3390		GWS	-1.257142857
500	9/9/2019	13:43:59			636711.5154	1835936.783	3167		GWS	-1.42481203
501	9/9/2019	13:44:00			636711.2503	1835936.616	3246		GWS	-1.365413534
502	9/9/2019	13:44:01			636710.9754	1835936.57	3601		GWS	-1.098496241
503	9/9/2019	13:44:02			636710.4037	1835936.461	4190		GWS	-0.655639098
504	9/9/2019	13:44:03			636709.8083	1835936.244	4937		GWS	-0.093984962
505	9/9/2019	13:44:04			636709.8633	1835935.819	4899		GWS	-0.122556391
506	9/9/2019	13:44:05			636710.0622	1835935.33	4616		GWS	-0.335338346
507	9/9/2019	13:44:06			636710.3997	1835934.925	5169		GWS	0.080451128
508	9/9/2019	13:44:07			636710.8137	1835934.494	4985		GWS	-0.057894737
509	9/9/2019	13:44:08			636711.209	1835934.08	5084		GWS	0.016541353
510	9/9/2019	13:44:09			636711.7931	1835934.228	5169		GWS	0.080451128
511	9/9/2019	13:44:10			636712.0949	1835934.666	5210		GWS	0.111278195
512	9/9/2019	13:44:11			636711.788	1835935.124	5188		GWS	0.094736842
513	9/9/2019	13:44:12			636711.3586	1835935.614	4951		GWS	-0.083458647
514	9/9/2019	13:44:13			636710.8344	1835936.093	4817		GWS	-0.184210526
515	9/9/2019	13:44:14			636710.5111	1835936.477	5349		GWS	0.215789474
516	9/9/2019	13:44:15			636710.5485	1835936.689	5754		GWS	0.520300752
517	9/9/2019	13:44:18			636710.2671	1835937.524	7858		GWS	2.102255639
518	9/9/2019	13:44:19			636710.5343	1835938.171	6974		GWS	1.437593985
519	9/9/2019	13:44:20			636710.8751	1835938.61	5223		GWS	0.121052632
520	9/9/2019	13:44:21			636711.1424	1835939.138	4805		GWS	-0.193233083
521	9/9/2019	13:44:22			636711.1407	1835939.76	4908		GWS	-0.115789474
522	9/9/2019	13:44:23			636710.6758	1835940.14	4298		GWS	-0.57443609
523	9/9/2019	13:44:24			636710.1114	1835940.27	4398		GWS	-0.49924812
524	9/9/2019	13:44:25			636709.544	1835940.099	4468		GWS	-0.446616541
525	9/9/2019	13:44:26			636709.2628	1835939.58	4861		GWS	-0.15112782
526	9/9/2019	13:44:27			636709.3913	1835938.946	4729		GWS	-0.25037594
527	9/9/2019	13:44:28			636709.9516	1835938.535	4355		GWS	-0.531578947
528	9/9/2019	13:44:29			636710.6082	1835938.557	4392		GWS	-0.503759398
529	9/9/2019	13:44:30			636711.1328	1835939.106	4515		GWS	-0.411278195
530	9/9/2019	13:44:31			636711.526	1835939.718	5382		GWS	0.240601504
531	9/9/2019	13:44:32			636711.9712	1835940.015	4842		GWS	-0.165413534
532	9/9/2019	13:44:33			636712.0471	1835940.49	4712		GWS	-0.263157895
533	9/9/2019	13:44:34			636711.8065	1835940.938	4749		GWS	-0.235338346
534	9/9/2019	13:44:35			636711.3437	1835940.903	4546		GWS	-0.387969925
535	9/9/2019	13:44:36			636711.1783	1835940.418	4522		GWS	-0.406015038
536	9/9/2019	13:44:37			636711.3757	1835940.053	3946		GWS	-0.839097744
537	9/9/2019	13:44:38			636711.7823	1835940.137	3853		GWS	-0.909022556
538	9/9/2019	13:44:39			636712.1511	1835940.4	3959		GWS	-0.829323308
539	9/9/2019	13:44:40			636712.6137	1835941.002	5369		GWS	0.230827068
540	9/9/2019	13:44:41			636713.064	1835941.578	5225		GWS	0.122556391
541	9/9/2019	13:44:42			636713.5068	1835941.501	4581		GWS	-0.361654135
542	9/9/2019	13:44:43			636713.8481	1835941.807	4564		GWS	-0.37443609
543	9/9/2019	13:44:44			636714.0594	1835942.23	5162		GWS	0.07518797
544	9/9/2019	13:44:45			636713.6747	1835942.576	4576		GWS	-0.365413534
545	9/9/2019	13:44:46			636713.1597	1835942.67	4351		GWS	-0.534586466
546	9/9/2019	13:44:47			636712.9769	1835942.212	3828		GWS	-0.927819549
547	9/9/2019	13:44:48			636713.0759	1835941.739	3891		GWS	-0.880451128
548	9/9/2019	13:44:49			636713.5715	1835941.768	3902		GWS	-0.872180451

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SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
549	9/9/2019	13:44:50			636714.1751	1835942.07	4363		GWS	-0.52556391
550	9/9/2019	13:44:51			636714.7806	1835942.216	4854		GWS	-0.156390977
551	9/9/2019	13:44:52			636715.3005	1835942.46	4710		GWS	-0.264661654
552	9/9/2019	13:44:53			636715.7901	1835942.852	4554		GWS	-0.381954887
553	9/9/2019	13:44:54			636715.863	1835943.397	4279		GWS	-0.588721805
554	9/9/2019	13:44:55			636715.5053	1835943.878	3944		GWS	-0.840601504
555	9/9/2019	13:44:56			636715.0873	1835944.155	4119		GWS	-0.709022556
556	9/9/2019	13:44:57			636714.6077	1835943.866	3864		GWS	-0.90075188
557	9/9/2019	13:44:58			636714.0656	1835943.781	3877		GWS	-0.890977444
558	9/9/2019	13:44:59			636713.9431	1835943.451	4223		GWS	-0.630827068
559	9/9/2019	13:45:00			636714.2057	1835943.065	3935		GWS	-0.847368421
560	9/9/2019	13:45:01			636714.4707	1835942.823	3896		GWS	-0.876691729
561	9/9/2019	13:45:02			636714.6743	1835942.881	4082		GWS	-0.736842105
562	9/9/2019	13:45:03			636714.5163	1835942.821	5341		GWS	0.209774436
563	9/9/2019	13:45:04			636714.5186	1835942.492	5404		GWS	0.257142857
564	9/9/2019	13:45:05			636715.0243	1835942.297	5462		GWS	0.30075188
565	9/9/2019	13:45:32			636699.5837	1835970.464	6885		GWS	1.370676692
566	9/9/2019	13:45:33			636699.6702	1835971.242	6671		GWS	1.209774436
567	9/9/2019	13:45:34			636699.774	1835971.75	5696		GWS	0.476691729
568	9/9/2019	13:45:35			636699.5623	1835971.696	6189		GWS	0.847368421
569	9/9/2019	13:45:36			636699.2611	1835971.746	6326		GWS	0.95037594
570	9/9/2019	13:45:37			636699.028	1835972.156	6081		GWS	0.766165414
571	9/9/2019	13:45:38			636698.8982	1835972.464	7370		GWS	1.735338346
572	9/9/2019	13:45:39			636698.6763	1835972.64	6912		GWS	1.390977444
573	9/9/2019	13:45:40			636698.4402	1835972.592	7038		GWS	1.485714286
574	9/9/2019	13:45:41			636698.6615	1835972.768	7009		GWS	1.463909774
575	9/9/2019	13:45:42			636698.7251	1835972.968	7392		GWS	1.751879699
576	9/9/2019	13:45:43			636698.3516	1835972.999	6918		GWS	1.395488722
577	9/9/2019	13:45:44			636698.2383	1835973.239	7039		GWS	1.486466165
578	9/9/2019	13:45:45			636698.2864	1835973.48	6259		GWS	0.9
579	9/9/2019	13:45:46			636698.2049	1835973.277	5782		GWS	0.541353383
580	9/9/2019	13:45:59			636688.045	1835976.242	7477		GWS	1.815789474
581	9/9/2019	13:46:00			636687.4355	1835976.412	5399		GWS	0.253383459
582	9/9/2019	13:46:01			636687.0149	1835976.374	4424		GWS	-0.479699248
583	9/9/2019	13:46:02			636686.8614	1835976.083	4281		GWS	-0.587218045
584	9/9/2019	13:46:03			636686.906	1835975.778	4238		GWS	-0.619548872
585	9/9/2019	13:46:04			636687.1082	1835975.776	4139		GWS	-0.693984962
586	9/9/2019	13:46:05			636687.3141	1835975.707	4128		GWS	-0.702255639
587	9/9/2019	13:46:06			636687.2964	1835975.552	3825		GWS	-0.930075188
588	9/9/2019	13:46:07			636687.4407	1835975.636	4310		GWS	-0.565413534
589	9/9/2019	13:46:08			636687.6134	1835976.176	4787		GWS	-0.206766917
590	9/9/2019	13:46:09			636687.3827	1835976.62	5077		GWS	0.011278195
591	9/9/2019	13:46:18			636686.8919	1835982.866	7972		GWS	2.187969925
592	9/9/2019	13:46:19			636687.046	1835983.638	5803		GWS	0.557142857
593	9/9/2019	13:46:20			636686.8896	1835984.188	5116		GWS	0.040601504
594	9/9/2019	13:46:21			636686.5051	1835984.708	4978		GWS	-0.063157895
595	9/9/2019	13:46:22			636686.2255	1835985.273	4892		GWS	-0.127819549
596	9/9/2019	13:46:23			636685.7615	1835985.621	4387		GWS	-0.507518797
597	9/9/2019	13:46:24			636685.3229	1835985.478	4860		GWS	-0.151879699
598	9/9/2019	13:46:25			636685.1903	1835984.929	4773		GWS	-0.217293233
599	9/9/2019	13:46:26			636685.495	1835984.406	4800		GWS	-0.196992481
600	9/9/2019	13:46:27			636685.9126	1835983.936	4372		GWS	-0.518796992
601	9/9/2019	13:46:28			636686.4665	1835983.634	4582		GWS	-0.360902256
602	9/9/2019	13:46:29			636686.6503	1835983.505	5397		GWS	0.251879699
603	9/9/2019	13:46:30			636686.4094	1835983.511	6524		GWS	1.09924812
604	9/9/2019	13:46:31			636686.1152	1835983.521	4981		GWS	-0.060902256
605	9/9/2019	13:46:32			636685.9104	1835983.926	4257		GWS	-0.605263158
606	9/9/2019	13:46:33			636685.4095	1835984.278	3857		GWS	-0.906015038
607	9/9/2019	13:46:34			636684.9408	1835984.514	3728		GWS	-1.003007519
608	9/9/2019	13:46:35			636684.5172	1835984.158	3649		GWS	-1.062406015
609	9/9/2019	13:46:36			636684.1212	1835983.843	3591		GWS	-1.106015038

Gamma Scan Survey Results
Survey Unit 4 Manholes and Grates

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
610	9/9/2019	13:46:37			636683.6988	1835983.597	3457		GWS	-1.206766917
611	9/9/2019	13:46:38			636683.3347	1835983.176	3367		GWS	-1.27443609
612	9/9/2019	13:46:39			636682.863	1835982.907	3348		GWS	-1.288721805
613	9/9/2019	13:46:40			636682.9641	1835982.394	3215		GWS	-1.388721805
614	9/9/2019	13:46:41			636683.2082	1835981.877	3303		GWS	-1.322556391
615	9/9/2019	13:46:42			636683.687	1835981.656	3117		GWS	-1.462406015
616	9/9/2019	13:46:43			636684.1422	1835981.811	3048		GWS	-1.514285714
617	9/9/2019	13:46:44			636684.5843	1835982.041	3160		GWS	-1.430075188
618	9/9/2019	13:46:45			636684.8803	1835982.373	3108		GWS	-1.469172932
619	9/9/2019	13:46:46			636685.3289	1835982.588	3138		GWS	-1.446616541
620	9/9/2019	13:46:47			636685.6506	1835982.994	3196		GWS	-1.403007519
621	9/9/2019	13:46:48			636686.0443	1835983.244	3172		GWS	-1.421052632
622	9/9/2019	13:46:49			636685.8296	1835983.73	3040		GWS	-1.520300752
623	9/9/2019	13:46:50			636685.311	1835984.238	3246		GWS	-1.365413534
624	9/9/2019	13:46:51			636684.6459	1835984.308	3471		GWS	-1.196240602
625	9/9/2019	13:46:52			636684.2733	1835983.76	3490		GWS	-1.181954887
626	9/9/2019	13:46:53			636683.9337	1835983.442	3497		GWS	-1.176691729
627	9/9/2019	13:46:54			636683.5962	1835983.157	3302		GWS	-1.323308271
628	9/9/2019	13:46:55			636683.1239	1835982.956	3199		GWS	-1.40075188
629	9/9/2019	13:46:56			636682.5159	1835983.022	3972		GWS	-0.819548872
630	9/9/2019	13:46:57			636681.9931	1835982.764	4507		GWS	-0.417293233
631	9/9/2019	13:46:58			636681.6346	1835982.353	5550		GWS	0.366917293
632	9/9/2019	13:46:59			636681.8887	1835981.941	5274		GWS	0.159398496
633	9/9/2019	13:47:00			636682.2992	1835981.542	4969		GWS	-0.069924812
634	9/9/2019	13:47:01			636682.5423	1835981.057	5082		GWS	0.015037594
635	9/9/2019	13:47:02			636682.9026	1835980.692	4996		GWS	-0.04962406
636	9/9/2019	13:47:03			636683.3189	1835980.533	5045		GWS	-0.012781955
637	9/9/2019	13:47:04			636683.7154	1835980.765	5530		GWS	0.351879699
638	9/9/2019	13:47:05			636683.5419	1835981.304	4693		GWS	-0.277443609
639	9/9/2019	13:47:06			636683.203	1835981.902	4597		GWS	-0.34962406
640	9/9/2019	13:47:07			636682.8397	1835982.501	4768		GWS	-0.221052632
641	9/9/2019	13:47:08			636682.3001	1835982.768	4789		GWS	-0.205263158
642	9/9/2019	13:47:09			636681.6043	1835982.655	5484		GWS	0.317293233
643	9/9/2019	13:47:10			636680.9451	1835982.096	5566		GWS	0.378947368
644	9/9/2019	13:47:11			636680.5641	1835981.464	5276		GWS	0.160902256
645	9/9/2019	13:47:12			636680.4809	1835980.89	4947		GWS	-0.086466165
646	9/9/2019	13:47:13			636680.7104	1835980.571	4883		GWS	-0.134586466
647	9/9/2019	13:47:14			636680.9658	1835980.158	4464		GWS	-0.44962406
648	9/9/2019	13:47:15			636681.3319	1835979.716	4453		GWS	-0.457894737
649	9/9/2019	13:47:16			636681.8309	1835979.384	4680		GWS	-0.287218045
650	9/9/2019	13:47:17			636682.4674	1835979.344	5115		GWS	0.039849624
651	9/9/2019	13:47:18			636682.5899	1835979.852	5149		GWS	0.065413534
652	9/9/2019	13:47:19			636682.4091	1835980.504	5122		GWS	0.045112782
653	9/9/2019	13:47:20			636681.9936	1835980.889	4651		GWS	-0.309022556
654	9/9/2019	13:47:21			636681.5308	1835981.328	4686		GWS	-0.282706767
655	9/9/2019	13:47:22			636681.0241	1835981.702	4683		GWS	-0.284962406
656	9/9/2019	13:47:23			636680.5414	1835981.444	4667		GWS	-0.296992481
657	9/9/2019	13:47:24			636680.3104	1835980.935	4770		GWS	-0.219548872
658	9/9/2019	13:47:25			636679.9201	1835980.495	4033		GWS	-0.773684211
659	9/9/2019	13:47:26			636679.5304	1835979.919	3566		GWS	-1.12481203
660	9/9/2019	13:47:27			636678.8741	1835979.617	3666		GWS	-1.04962406
661	9/9/2019	13:47:28			636678.4689	1835979.22	3669		GWS	-1.047368421
662	9/9/2019	13:47:29			636678.3722	1835978.754	3505		GWS	-1.170676692
663	9/9/2019	13:47:30			636678.4945	1835978.126	3690		GWS	-1.031578947
664	9/9/2019	13:47:31			636678.9844	1835977.794	3532		GWS	-1.15037594
665	9/9/2019	13:47:32			636679.4448	1835977.729	3153		GWS	-1.435338346
666	9/9/2019	13:47:33			636679.8814	1835978.047	3426		GWS	-1.230075188
667	9/9/2019	13:47:34			636680.1309	1835978.553	3229		GWS	-1.378195489
668	9/9/2019	13:47:35			636680.5579	1835978.81	3289		GWS	-1.333082707
669	9/9/2019	13:47:36			636680.9022	1835979.11	3291		GWS	-1.331578947
670	9/9/2019	13:47:37			636681.2148	1835979.462	3312		GWS	-1.315789474

Gamma Scan Survey Results
Survey Unit 4 Manholes and Grates

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
671	9/9/2019	13:47:38			636681.1423	1835979.973	3103		GWS	-1.472932331
672	9/9/2019	13:47:39			636680.654	1835980.278	3131		GWS	-1.451879699
673	9/9/2019	13:47:40			636680.0497	1835980.329	3225		GWS	-1.381203008
674	9/9/2019	13:47:41			636679.6846	1835979.938	3086		GWS	-1.485714286
675	9/9/2019	13:47:42			636679.4522	1835979.464	3039		GWS	-1.521052632
676	9/9/2019	13:47:43			636679.0576	1835979.355	3036		GWS	-1.523308271
677	9/9/2019	13:47:44			636678.7713	1835979.069	3151		GWS	-1.436842105
678	9/9/2019	13:47:45			636678.3038	1835979.139	3345		GWS	-1.290977444
679	9/9/2019	13:47:46			636677.7982	1835979.139	4159		GWS	-0.678947368
680	9/9/2019	13:47:47			636677.2815	1835979.084	4664		GWS	-0.29924812
681	9/9/2019	13:47:48			636677.1521	1835978.746	4829		GWS	-0.17518797
682	9/9/2019	13:47:49			636677.2761	1835978.266	4778		GWS	-0.213533835
683	9/9/2019	13:47:50			636677.5551	1835977.812	4848		GWS	-0.160902256
684	9/9/2019	13:47:51			636677.99	1835977.466	4677		GWS	-0.289473684
685	9/9/2019	13:47:52			636678.2505	1835976.987	4625		GWS	-0.328571429
686	9/9/2019	13:47:53			636678.7056	1835976.83	4739		GWS	-0.242857143
687	9/9/2019	13:47:54			636679.1984	1835976.81	5276		GWS	0.160902256
688	9/9/2019	13:47:55			636679.2328	1835977.304	5075		GWS	0.009774436
689	9/9/2019	13:47:56			636678.8206	1835977.734	4692		GWS	-0.278195489
690	9/9/2019	13:47:57			636678.4168	1835978.242	4867		GWS	-0.146616541
691	9/9/2019	13:47:58			636678.0187	1835978.578	4987		GWS	-0.056390977
692	9/9/2019	13:48:02			636677.5987	1835980.051	7593		GWS	1.903007519
693	9/9/2019	13:48:03			636677.5517	1835980.81	7148		GWS	1.568421053
694	9/9/2019	13:48:04			636677.9889	1835981.174	5747		GWS	0.515037594
695	9/9/2019	13:48:05			636678.3374	1835981.553	5295		GWS	0.17518797
696	9/9/2019	13:48:06			636678.4473	1835982.023	5063		GWS	0.00075188
697	9/9/2019	13:48:07			636678.3096	1835982.47	4670		GWS	-0.294736842
698	9/9/2019	13:48:08			636677.8352	1835982.649	4187		GWS	-0.657894737
699	9/9/2019	13:48:09			636677.4252	1835982.86	4335		GWS	-0.546616541
700	9/9/2019	13:48:10			636677.1179	1835982.505	4186		GWS	-0.658646617
701	9/9/2019	13:48:11			636676.7597	1835982.447	4919		GWS	-0.107518797
702	9/9/2019	13:48:12			636676.7333	1835982.328	5197		GWS	0.101503759
703	9/9/2019	13:48:13			636676.7441	1835981.914	5263		GWS	0.15112782
704	9/9/2019	13:48:14			636677.0256	1835981.565	5083		GWS	0.015789474
705	9/9/2019	13:48:15			636677.344	1835981.293	4794		GWS	-0.201503759
706	9/9/2019	13:48:16			636677.7644	1835981.528	4474		GWS	-0.442105263
707	9/9/2019	13:48:17			636678.1494	1835981.969	4121		GWS	-0.707518797
708	9/9/2019	13:48:18			636678.6213	1835982.4	5386		GWS	0.243609023
709	9/9/2019	13:48:19			636678.9426	1835982.709	4679		GWS	-0.287969925
710	9/9/2019	13:48:20			636679.3571	1835982.915	4297		GWS	-0.57518797
711	9/9/2019	13:48:21			636679.4514	1835983.294	3955		GWS	-0.832330827
712	9/9/2019	13:48:22			636679.2448	1835983.567	4137		GWS	-0.695488722
713	9/9/2019	13:48:23			636678.8288	1835983.647	4742		GWS	-0.240601504
714	9/9/2019	13:48:24			636678.5669	1835983.271	4790		GWS	-0.204511278
715	9/9/2019	13:48:25			636678.6621	1835982.821	5184		GWS	0.091729323
716	9/9/2019	13:48:26			636679.0392	1835982.842	4671		GWS	-0.293984962
717	9/9/2019	13:48:27			636679.3618	1835983.129	4945		GWS	-0.087969925
718	9/9/2019	13:48:28			636679.7767	1835983.537	5691		GWS	0.472932331
719	9/9/2019	13:48:29			636680.2429	1835984	5404		GWS	0.257142857
720	9/9/2019	13:48:30			636680.7793	1835983.988	4832		GWS	-0.172932331
721	9/9/2019	13:48:31			636681.1677	1835984.252	4773		GWS	-0.217293233
722	9/9/2019	13:48:32			636681.4537	1835984.656	4987		GWS	-0.056390977
723	9/9/2019	13:48:33			636681.1521	1835985.089	4665		GWS	-0.298496241
724	9/9/2019	13:48:34			636680.6852	1835985.195	4454		GWS	-0.457142857
725	9/9/2019	13:48:35			636680.4361	1835984.789	4050		GWS	-0.760902256
726	9/9/2019	13:48:36			636680.5085	1835984.209	4151		GWS	-0.684962406
727	9/9/2019	13:48:37			636681.0242	1835984.05	4199		GWS	-0.64887218
728	9/9/2019	13:48:38			636681.5547	1835984.427	5167		GWS	0.078947368
729	9/9/2019	13:48:39			636682.2702	1835984.786	4811		GWS	-0.188721805
730	9/9/2019	13:48:40			636682.8978	1835985.08	4649		GWS	-0.310526316
731	9/9/2019	13:48:41			636683.3213	1835985.502	4355		GWS	-0.531578947

Gamma Scan Survey Results
Survey Unit 4 Manholes and Grates

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
732	9/9/2019	13:48:42			636683.3713	1835985.996	4077		GWS	-0.740601504
733	9/9/2019	13:48:43			636683.0257	1835986.347	4573		GWS	-0.367669173
734	9/9/2019	13:48:44			636682.6092	1835986.708	4762		GWS	-0.22556391
735	9/9/2019	13:48:45			636681.9787	1835986.611	4756		GWS	-0.230075188
736	9/9/2019	13:48:46			636681.6071	1835986.261	4460		GWS	-0.452631579
737	9/9/2019	13:48:47			636681.3822	1835985.872	3791		GWS	-0.955639098
738	9/9/2019	13:48:48			636681.5503	1835985.413	4184		GWS	-0.660150376
739	9/9/2019	13:48:49			636681.8544	1835985.088	4364		GWS	-0.52481203
740	9/9/2019	13:48:50			636682.1034	1835985.242	4509		GWS	-0.415789474
741	9/9/2019	13:49:04			636672.6628	1835981.446	7246		GWS	1.642105263
742	9/9/2019	13:49:05			636671.9948	1835981.225	6521		GWS	1.096992481
743	9/9/2019	13:49:06			636671.5811	1835981.038	6160		GWS	0.82556391
744	9/9/2019	13:49:07			636671.8035	1835981.195	7930		GWS	2.156390977
745	9/9/2019	13:49:08			636671.9428	1835981.632	7682		GWS	1.969924812
746	9/9/2019	13:49:09			636671.961	1835982.386	6600		GWS	1.156390977
747	9/9/2019	13:49:10			636671.5565	1835982.859	6390		GWS	0.998496241
748	9/9/2019	13:49:11			636671.1037	1835982.979	7207		GWS	1.612781955
749	9/9/2019	13:49:12			636670.6129	1835982.797	6722		GWS	1.248120301
750	9/9/2019	13:49:13			636670.5371	1835982.705	7080		GWS	1.517293233
751	9/9/2019	13:49:47			636656.0433	1836016.518	7201		GWS	1.608270677
752	9/9/2019	13:49:48			636655.9844	1836016.735	5490		GWS	0.321804511
753	9/9/2019	13:49:49			636656.2333	1836017.009	5317		GWS	0.191729323
754	9/9/2019	13:49:50			636656.0904	1836017.389	4264		GWS	-0.6
755	9/9/2019	13:49:51			636655.836	1836017.567	4544		GWS	-0.389473684
756	9/9/2019	13:49:52			636655.7256	1836017.217	4146		GWS	-0.688721805
757	9/9/2019	13:49:53			636655.8161	1836017.09	4672		GWS	-0.293233083
758	9/9/2019	13:49:54			636655.7166	1836017.005	4210		GWS	-0.640601504
759	9/9/2019	13:49:55			636655.602	1836017.204	4408		GWS	-0.491729323
760	9/9/2019	13:49:56			636655.6152	1836017.433	4789		GWS	-0.205263158
761	9/9/2019	13:50:07			636654.1289	1836026.481	6432		GWS	1.030075188
762	9/9/2019	13:50:08			636654.1465	1836027.146	5838		GWS	0.583458647
763	9/9/2019	13:50:09			636653.7784	1836027.664	5294		GWS	0.17443609
764	9/9/2019	13:50:10			636653.3359	1836028.205	4537		GWS	-0.394736842
765	9/9/2019	13:50:11			636653.0917	1836028.745	4690		GWS	-0.279699248
766	9/9/2019	13:50:12			636652.5554	1836028.851	5008		GWS	-0.040601504
767	9/9/2019	13:50:13			636651.9598	1836028.688	5232		GWS	0.127819549
768	9/9/2019	13:50:14			636651.9462	1836028.179	5163		GWS	0.07593985
769	9/9/2019	13:50:15			636652.371	1836027.7	4794		GWS	-0.201503759
770	9/9/2019	13:50:16			636652.7721	1836027.208	4624		GWS	-0.329323308
771	9/9/2019	13:50:17			636653.2538	1836026.89	4483		GWS	-0.435338346
772	9/9/2019	13:50:18			636653.4131	1836026.467	4877		GWS	-0.139097744
773	9/9/2019	13:50:19			636653.4691	1836026.121	5098		GWS	0.027067669
774	9/9/2019	13:50:20			636653.1656	1836026.424	4608		GWS	-0.341353383
775	9/9/2019	13:50:21			636652.9096	1836026.967	3836		GWS	-0.921804511
776	9/9/2019	13:50:22			636652.4694	1836027.369	3554		GWS	-1.133834586
777	9/9/2019	13:50:23			636652.0076	1836027.638	3271		GWS	-1.346616541
778	9/9/2019	13:50:24			636651.4572	1836027.521	3205		GWS	-1.396240602
779	9/9/2019	13:50:25			636651.0127	1836027.076	3251		GWS	-1.361654135
780	9/9/2019	13:50:26			636650.4075	1836026.8	3539		GWS	-1.145112782
781	9/9/2019	13:50:27			636649.983	1836026.352	3684		GWS	-1.036090226
782	9/9/2019	13:50:28			636649.8379	1836025.814	3665		GWS	-1.05037594
783	9/9/2019	13:50:29			636650.0687	1836025.348	3382		GWS	-1.263157895
784	9/9/2019	13:50:30			636650.4872	1836024.984	3595		GWS	-1.103007519
785	9/9/2019	13:50:31			636651.0545	1836024.911	3360		GWS	-1.279699248
786	9/9/2019	13:50:32			636651.4966	1836025.331	3136		GWS	-1.448120301
787	9/9/2019	13:50:33			636652.0696	1836025.646	3081		GWS	-1.489473684
788	9/9/2019	13:50:34			636652.3928	1836026.111	2979		GWS	-1.566165414
789	9/9/2019	13:50:35			636652.7312	1836026.47	2943		GWS	-1.593233083
790	9/9/2019	13:50:36			636652.8501	1836026.907	3085		GWS	-1.486466165
791	9/9/2019	13:50:37			636652.2118	1836027.266	3071		GWS	-1.496992481
792	9/9/2019	13:50:38			636651.3568	1836027.412	2857		GWS	-1.657894737

Gamma Scan Survey Results
Survey Unit 4 Manholes and Grates

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
793	9/9/2019	13:50:39			636650.7439	1836027.022	2875		GWS	-1.644360902
794	9/9/2019	13:50:40			636650.3292	1836026.654	3084		GWS	-1.487218045
795	9/9/2019	13:50:41			636649.707	1836026.55	3069		GWS	-1.498496241
796	9/9/2019	13:50:42			636649.1462	1836026.408	3878		GWS	-0.890225564
797	9/9/2019	13:50:43			636648.6998	1836026.244	4478		GWS	-0.439097744
798	9/9/2019	13:50:44			636648.649	1836025.795	4731		GWS	-0.24887218
799	9/9/2019	13:50:45			636648.8531	1836025.189	4701		GWS	-0.271428571
800	9/9/2019	13:50:46			636649.2588	1836024.712	4099		GWS	-0.72406015
801	9/9/2019	13:50:47			636649.6965	1836024.164	3932		GWS	-0.84962406
802	9/9/2019	13:50:48			636650.1229	1836023.727	3927		GWS	-0.853383459
803	9/9/2019	13:50:49			636650.5852	1836023.956	3774		GWS	-0.968421053
804	9/9/2019	13:50:50			636650.6278	1836024.513	4020		GWS	-0.783458647
805	9/9/2019	13:50:51			636650.1726	1836025.023	4008		GWS	-0.792481203
806	9/9/2019	13:50:52			636649.7141	1836025.629	4140		GWS	-0.693233083
807	9/9/2019	13:50:53			636649.1961	1836026.064	4481		GWS	-0.436842105
808	9/9/2019	13:50:54			636648.4772	1836025.791	5168		GWS	0.079699248
809	9/9/2019	13:50:55			636647.7931	1836025.352	5667		GWS	0.454887218
810	9/9/2019	13:50:56			636647.3216	1836025.04	5205		GWS	0.107518797
811	9/9/2019	13:50:57			636647.5147	1836024.631	4975		GWS	-0.065413534
812	9/9/2019	13:50:58			636647.7087	1836023.978	4696		GWS	-0.27518797
813	9/9/2019	13:50:59			636648.1376	1836023.572	4351		GWS	-0.534586466
814	9/9/2019	13:51:00			636648.5008	1836022.939	4187		GWS	-0.657894737
815	9/9/2019	13:51:01			636648.9082	1836022.525	4658		GWS	-0.303759398
816	9/9/2019	13:51:02			636649.2901	1836022.905	4525		GWS	-0.403759398
817	9/9/2019	13:51:03			636649.3447	1836023.532	4533		GWS	-0.397744361
818	9/9/2019	13:51:04			636649.0823	1836024.176	4372		GWS	-0.518796992
819	9/9/2019	13:51:05			636648.6447	1836024.79	4837		GWS	-0.169172932
820	9/9/2019	13:51:06			636648.0802	1836025.177	4716		GWS	-0.260150376
821	9/9/2019	13:51:07			636647.5497	1836024.921	4737		GWS	-0.244360902
822	9/9/2019	13:51:08			636647.3114	1836024.452	4862		GWS	-0.15037594
823	9/9/2019	13:51:09			636646.8992	1836024.138	4415		GWS	-0.486466165
824	9/9/2019	13:51:10			636646.5749	1836023.782	4178		GWS	-0.664661654
825	9/9/2019	13:51:11			636646.0832	1836023.496	3751		GWS	-0.985714286
826	9/9/2019	13:51:12			636645.7155	1836023.116	3535		GWS	-1.148120301
827	9/9/2019	13:51:13			636645.2732	1836022.754	3375		GWS	-1.268421053
828	9/9/2019	13:51:14			636645.155	1836022.18	3493		GWS	-1.179699248
829	9/9/2019	13:51:15			636645.371	1836021.607	3543		GWS	-1.142105263
830	9/9/2019	13:51:16			636645.7831	1836021.119	3457		GWS	-1.206766917
831	9/9/2019	13:51:17			636646.3711	1836021.229	3314		GWS	-1.314285714
832	9/9/2019	13:51:18			636646.8009	1836021.497	3368		GWS	-1.273684211
833	9/9/2019	13:51:19			636647.2337	1836021.754	3369		GWS	-1.272932331
834	9/9/2019	13:51:20			636647.4872	1836022.163	3666		GWS	-1.04962406
835	9/9/2019	13:51:21			636648.0328	1836022.435	3596		GWS	-1.102255639
836	9/9/2019	13:51:22			636648.3453	1836022.854	3497		GWS	-1.176691729
837	9/9/2019	13:51:23			636648.4639	1836022.941	3622		GWS	-1.082706767
838	9/9/2019	13:51:24			636648.4593	1836023.021	3858		GWS	-0.905263158
839	9/9/2019	13:51:25			636648.2847	1836023.256	3843		GWS	-0.916541353
840	9/9/2019	13:51:26			636647.925	1836023.578	3692		GWS	-1.030075188
841	9/9/2019	13:51:27			636647.4709	1836023.983	3480		GWS	-1.189473684
842	9/9/2019	13:51:28			636646.7486	1836023.919	3503		GWS	-1.172180451
843	9/9/2019	13:51:29			636646.149	1836023.443	3553		GWS	-1.134586466
844	9/9/2019	13:51:30			636645.5315	1836022.989	3537		GWS	-1.146616541
845	9/9/2019	13:51:31			636644.9637	1836022.656	3633		GWS	-1.07443609
846	9/9/2019	13:51:32			636644.338	1836022.408	3906		GWS	-0.869172932
847	9/9/2019	13:51:33			636643.8506	1836022.068	4586		GWS	-0.357894737
848	9/9/2019	13:51:34			636644.207	1836021.627	4762		GWS	-0.22556391
849	9/9/2019	13:51:35			636644.5427	1836020.931	4598		GWS	-0.34887218
850	9/9/2019	13:51:36			636644.9964	1836020.388	4379		GWS	-0.513533835
851	9/9/2019	13:51:37			636645.5177	1836020.099	4353		GWS	-0.533082707
852	9/9/2019	13:51:38			636645.9795	1836020.32	4256		GWS	-0.606015038
853	9/9/2019	13:51:39			636645.6695	1836020.929	4261		GWS	-0.602255639

Gamma Scan Survey Results
Survey Unit 4 Manholes and Grates

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
854	9/9/2019	13:51:40			636645.2684	1836021.472	4564		GWS	-0.37443609
855	9/9/2019	13:51:41			636644.8569	1836021.964	4540		GWS	-0.392481203
856	9/9/2019	13:51:42			636644.6648	1836022.502	5223		GWS	0.121052632
857	9/9/2019	13:51:43			636644.5094	1836023.245	6231		GWS	0.878947368
858	9/9/2019	13:51:44			636644.3059	1836023.987	6747		GWS	1.266917293
859	9/9/2019	13:51:45			636644.71	1836024.445	5230		GWS	0.126315789
860	9/9/2019	13:51:46			636645.1546	1836024.78	4779		GWS	-0.212781955
861	9/9/2019	13:51:47			636645.494	1836025.247	4113		GWS	-0.713533835
862	9/9/2019	13:51:48			636645.6717	1836025.826	4338		GWS	-0.544360902
863	9/9/2019	13:51:49			636645.3096	1836026.093	4435		GWS	-0.471428571
864	9/9/2019	13:51:50			636644.8828	1836026.488	4332		GWS	-0.54887218
865	9/9/2019	13:51:51			636644.2962	1836026.425	3884		GWS	-0.885714286
866	9/9/2019	13:51:52			636643.9562	1836026.058	4332		GWS	-0.54887218
867	9/9/2019	13:51:53			636643.7259	1836025.581	3637		GWS	-1.071428571
868	9/9/2019	13:51:54			636643.9758	1836024.945	3829		GWS	-0.927067669
869	9/9/2019	13:51:55			636644.5418	1836024.544	3816		GWS	-0.936842105
870	9/9/2019	13:51:56			636645.0191	1836024.772	4096		GWS	-0.726315789
871	9/9/2019	13:51:57			636645.3168	1836024.838	4989		GWS	-0.054887218
872	9/9/2019	13:51:58			636645.3589	1836024.813	5604		GWS	0.407518797
873	9/9/2019	13:52:01			636645.471	1836025.304	5415		GWS	0.265413534
874	9/9/2019	13:52:02			636645.907	1836025.621	5820		GWS	0.569924812
875	9/9/2019	13:52:03			636646.3499	1836025.905	5696		GWS	0.476691729
876	9/9/2019	13:52:04			636646.7298	1836026.217	6046		GWS	0.739849624
877	9/9/2019	13:52:05			636646.9281	1836026.629	5567		GWS	0.379699248
878	9/9/2019	13:52:06			636646.7422	1836027.043	5179		GWS	0.087969925
879	9/9/2019	13:52:07			636646.3874	1836027.422	5973		GWS	0.684962406
880	9/9/2019	13:52:08			636645.9019	1836027.393	5810		GWS	0.562406015
881	9/9/2019	13:52:09			636645.4992	1836027.122	6423		GWS	1.023308271
882	9/9/2019	13:52:10			636645.4123	1836026.545	6091		GWS	0.773684211
883	9/9/2019	13:52:11			636645.741	1836026.09	5702		GWS	0.481203008
884	9/9/2019	13:52:12			636646.311	1836025.88	5300		GWS	0.178947368
885	9/9/2019	13:52:16			636647.451	1836027.103	7054		GWS	1.497744361
886	9/9/2019	13:52:17			636647.7904	1836027.379	5516		GWS	0.341353383
887	9/9/2019	13:52:18			636648.1597	1836027.398	5345		GWS	0.212781955
888	9/9/2019	13:52:19			636648.3487	1836027.865	4754		GWS	-0.231578947
889	9/9/2019	13:52:20			636648.4196	1836028.394	4421		GWS	-0.481954887
890	9/9/2019	13:52:21			636647.9447	1836028.537	4309		GWS	-0.566165414
891	9/9/2019	13:52:22			636647.5282	1836028.354	3718		GWS	-1.010526316
892	9/9/2019	13:52:23			636647.3757	1836027.929	3855		GWS	-0.907518797
893	9/9/2019	13:52:24			636647.7988	1836027.627	3981		GWS	-0.812781955
894	9/9/2019	13:52:25			636648.2284	1836027.55	4161		GWS	-0.677443609
895	9/9/2019	13:52:26			636648.5965	1836027.972	5318		GWS	0.192481203
896	9/9/2019	13:52:27			636649.2209	1836028.259	4881		GWS	-0.136090226
897	9/9/2019	13:52:28			636649.8437	1836028.39	3885		GWS	-0.884962406
898	9/9/2019	13:52:29			636650.1426	1836028.879	4095		GWS	-0.727067669
899	9/9/2019	13:52:30			636650.3174	1836029.363	4148		GWS	-0.687218045
900	9/9/2019	13:52:31			636649.9887	1836029.731	4388		GWS	-0.506766917
901	9/9/2019	13:52:32			636649.5994	1836029.928	4388		GWS	-0.506766917
902	9/9/2019	13:52:33			636649.0411	1836029.879	4433		GWS	-0.472932331
903	9/9/2019	13:52:34			636648.7473	1836029.38	3963		GWS	-0.826315789
904	9/9/2019	13:52:35			636648.7585	1836028.821	3767		GWS	-0.973684211
905	9/9/2019	13:52:36			636649.1951	1836028.582	3646		GWS	-1.064661654
906	9/9/2019	13:52:37			636649.3854	1836028.504	3912		GWS	-0.864661654
907	9/9/2019	13:52:38			636649.2398	1836028.491	4935		GWS	-0.095488722
908	9/9/2019	13:52:39			636648.9327	1836028.141	5011		GWS	-0.038345865
909	9/9/2019	13:52:40			636648.703	1836028.161	5466		GWS	0.303759398
910	9/9/2019	13:53:07			636634.3354	1836056.144	7231		GWS	1.630827068
911	9/9/2019	13:53:08			636634.3084	1836057.015	6457		GWS	1.04887218
912	9/9/2019	13:53:09			636634.2819	1836057.658	6354		GWS	0.971428571
913	9/9/2019	13:53:10			636634.1471	1836057.728	6508		GWS	1.087218045
914	9/9/2019	13:53:11			636633.707	1836057.571	6014		GWS	0.715789474

Gamma Scan Survey Results
Survey Unit 4 Manholes and Grates

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
915	9/9/2019	13:53:12			636633.3391	1836057.853	6370		GWS	0.983458647
916	9/9/2019	13:53:13			636633.0648	1836058.388	6122		GWS	0.796992481
917	9/9/2019	13:53:14			636632.9846	1836058.407	6481		GWS	1.066917293
918	9/9/2019	13:53:15			636632.9444	1836058.681	5381		GWS	0.239849624
919	9/9/2019	13:53:16			636632.8365	1836058.887	5959		GWS	0.67443609
920	9/9/2019	13:53:17			636632.4133	1836059.316	5467		GWS	0.304511278
921	9/9/2019	13:53:18			636632.1031	1836059.923	5250		GWS	0.141353383
922	9/9/2019	13:53:19			636632.3552	1836060.203	5210		GWS	0.111278195
923	9/9/2019	13:53:20			636632.2782	1836060.234	5361		GWS	0.22481203
924	9/9/2019	13:53:21			636632.1147	1836060.245	5505		GWS	0.333082707
925	9/9/2019	13:53:33			636629.5103	1836052.936	7176		GWS	1.589473684
926	9/9/2019	13:53:34			636629.4986	1836052.333	5724		GWS	0.497744361
927	9/9/2019	13:53:35			636629.5235	1836052.07	4689		GWS	-0.280451128
928	9/9/2019	13:53:36			636629.4599	1836051.987	5008		GWS	-0.040601504
929	9/9/2019	13:53:37			636629.4822	1836051.819	4751		GWS	-0.233834586
930	9/9/2019	13:53:38			636629.1302	1836051.768	4923		GWS	-0.104511278
931	9/9/2019	13:53:39			636629.0063	1836051.634	4659		GWS	-0.303007519
932	9/9/2019	13:53:40			636628.9921	1836051.413	4525		GWS	-0.403759398
933	9/9/2019	13:53:41			636629.0269	1836051.442	4863		GWS	-0.14962406
934	9/9/2019	13:53:59			636620.7926	1836070.414	7430		GWS	1.780451128
935	9/9/2019	13:54:00			636620.6124	1836070.992	6027		GWS	0.72556391
936	9/9/2019	13:54:01			636620.3552	1836071.369	5392		GWS	0.248120301
937	9/9/2019	13:54:02			636619.9993	1836071.967	5433		GWS	0.278947368
938	9/9/2019	13:54:03			636619.6506	1836072.496	4983		GWS	-0.059398496
939	9/9/2019	13:54:04			636619.2552	1836072.817	5151		GWS	0.066917293
940	9/9/2019	13:54:05			636618.6623	1836073.098	5522		GWS	0.345864662
941	9/9/2019	13:54:06			636618.3254	1836072.72	6915		GWS	1.393233083
942	9/9/2019	13:54:07			636618.2451	1836072.115	6528		GWS	1.102255639
943	9/9/2019	13:54:08			636618.7701	1836071.601	5013		GWS	-0.036842105
944	9/9/2019	13:54:09			636619.2424	1836071.115	4927		GWS	-0.101503759
945	9/9/2019	13:54:10			636619.6129	1836070.7	5591		GWS	0.397744361
946	9/9/2019	13:54:11			636619.7936	1836070.37	6656		GWS	1.198496241
947	9/9/2019	13:54:12			636619.5487	1836070.631	5316		GWS	0.190977444
948	9/9/2019	13:54:13			636619.0577	1836071.007	4153		GWS	-0.683458647
949	9/9/2019	13:54:14			636618.7369	1836071.609	3770		GWS	-0.971428571
950	9/9/2019	13:54:15			636618.2142	1836071.721	3451		GWS	-1.211278195
951	9/9/2019	13:54:16			636617.7228	1836071.327	3330		GWS	-1.302255639
952	9/9/2019	13:54:17			636617.0932	1836071.093	3386		GWS	-1.260150376
953	9/9/2019	13:54:18			636616.5977	1836070.712	3201		GWS	-1.39924812
954	9/9/2019	13:54:19			636616.2253	1836070.328	3759		GWS	-0.979699248
955	9/9/2019	13:54:20			636616.2529	1836069.782	3681		GWS	-1.038345865
956	9/9/2019	13:54:21			636616.4739	1836069.163	3646		GWS	-1.064661654
957	9/9/2019	13:54:22			636616.8291	1836068.718	4145		GWS	-0.689473684
958	9/9/2019	13:54:23			636617.3217	1836068.778	3866		GWS	-0.89924812
959	9/9/2019	13:54:24			636617.8905	1836068.927	3958		GWS	-0.830075188
960	9/9/2019	13:54:25			636618.1355	1836069.491	3625		GWS	-1.080451128
961	9/9/2019	13:54:26			636618.6485	1836069.769	3677		GWS	-1.041353383
962	9/9/2019	13:54:27			636619.0544	1836070.163	3357		GWS	-1.281954887
963	9/9/2019	13:54:28			636619.2416	1836070.539	3408		GWS	-1.243609023
964	9/9/2019	13:54:29			636619.1498	1836071.113	3226		GWS	-1.380451128
965	9/9/2019	13:54:30			636618.582	1836071.527	3087		GWS	-1.484962406
966	9/9/2019	13:54:31			636617.8189	1836071.598	3150		GWS	-1.437593985
967	9/9/2019	13:54:32			636617.1865	1836071.117	3078		GWS	-1.491729323
968	9/9/2019	13:54:33			636616.8287	1836070.657	3104		GWS	-1.472180451
969	9/9/2019	13:54:34			636616.2361	1836070.494	3375		GWS	-1.268421053
970	9/9/2019	13:54:35			636615.6768	1836070.295	3834		GWS	-0.923308271
971	9/9/2019	13:54:36			636615.0761	1836070.311	4646		GWS	-0.312781955
972	9/9/2019	13:54:37			636614.8008	1836069.869	4863		GWS	-0.14962406
973	9/9/2019	13:54:38			636615.044	1836069.281	4813		GWS	-0.187218045
974	9/9/2019	13:54:39			636615.3709	1836068.604	4672		GWS	-0.293233083
975	9/9/2019	13:54:40			636615.6863	1836068.117	4773		GWS	-0.217293233

Gamma Scan Survey Results
Survey Unit 4 Manholes and Grates

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
976	9/9/2019	13:54:41			636616.0825	1836067.507	5482		GWS	0.315789474
977	9/9/2019	13:54:42			636616.678	1836067.547	5731		GWS	0.503007519
978	9/9/2019	13:54:43			636617.1617	1836067.942	5849		GWS	0.591729323
979	9/9/2019	13:54:44			636617.2005	1836068.509	5825		GWS	0.573684211
980	9/9/2019	13:54:45			636616.7368	1836069.2	5571		GWS	0.382706767
981	9/9/2019	13:54:46			636616.1281	1836069.662	5001		GWS	-0.045864662
982	9/9/2019	13:54:47			636615.5412	1836070.039	4935		GWS	-0.095488722
983	9/9/2019	13:54:48			636614.7621	1836069.939	5109		GWS	0.035338346
984	9/9/2019	13:54:49			636614.2261	1836069.462	5033		GWS	-0.021804511
985	9/9/2019	13:54:50			636613.7076	1836069.179	5359		GWS	0.223308271
986	9/9/2019	13:54:51			636613.5967	1836068.716	5182		GWS	0.090225564
987	9/9/2019	13:54:52			636613.8297	1836068.129	4602		GWS	-0.345864662
988	9/9/2019	13:54:53			636614.2532	1836067.637	4448		GWS	-0.461654135
989	9/9/2019	13:54:54			636614.6622	1836067.258	4745		GWS	-0.238345865
990	9/9/2019	13:54:55			636614.9328	1836066.792	4971		GWS	-0.068421053
991	9/9/2019	13:54:56			636615.4497	1836066.607	4431		GWS	-0.47443609
992	9/9/2019	13:54:57			636615.5442	1836067.075	4915		GWS	-0.110526316
993	9/9/2019	13:54:58			636615.3882	1836067.739	4617		GWS	-0.334586466
994	9/9/2019	13:54:59			636614.9499	1836068.191	4397		GWS	-0.5
995	9/9/2019	13:55:00			636614.5868	1836068.772	4693		GWS	-0.277443609
996	9/9/2019	13:55:01			636614.1771	1836069.186	4312		GWS	-0.563909774
997	9/9/2019	13:55:02			636613.7799	1836068.694	4391		GWS	-0.504511278
998	9/9/2019	13:55:03			636613.3985	1836068.252	4442		GWS	-0.466165414
999	9/9/2019	13:55:04			636612.8794	1836067.859	4126		GWS	-0.703759398
1000	9/9/2019	13:55:05			636612.4075	1836067.33	4113		GWS	-0.713533835
1001	9/9/2019	13:55:06			636611.767	1836067.021	3963		GWS	-0.826315789
1002	9/9/2019	13:55:07			636611.3018	1836066.61	3912		GWS	-0.864661654
1003	9/9/2019	13:55:08			636611.4716	1836065.988	3767		GWS	-0.973684211
1004	9/9/2019	13:55:09			636611.7994	1836065.374	3482		GWS	-1.187969925
1005	9/9/2019	13:55:10			636612.3535	1836065.208	3505		GWS	-1.170676692
1006	9/9/2019	13:55:11			636612.902	1836065.453	3564		GWS	-1.126315789
1007	9/9/2019	13:55:12			636613.4831	1836065.779	3385		GWS	-1.260902256
1008	9/9/2019	13:55:13			636613.7675	1836066.192	3380		GWS	-1.264661654
1009	9/9/2019	13:55:14			636614.1852	1836066.549	3301		GWS	-1.32406015
1010	9/9/2019	13:55:15			636614.274	1836067.096	3145		GWS	-1.441353383
1011	9/9/2019	13:55:16			636614.0687	1836067.71	3171		GWS	-1.421804511
1012	9/9/2019	13:55:17			636613.8768	1836068.275	3348		GWS	-1.288721805
1013	9/9/2019	13:55:18			636613.8576	1836068.215	4015		GWS	-0.787218045
1014	9/9/2019	13:55:19			636613.6751	1836068.088	4118		GWS	-0.709774436
1015	9/9/2019	13:55:20			636613.149	1836067.985	3951		GWS	-0.835338346
1016	9/9/2019	13:55:21			636612.5635	1836067.509	4074		GWS	-0.742857143
1017	9/9/2019	13:55:22			636611.7942	1836067.137	3786		GWS	-0.959398496
1018	9/9/2019	13:55:23			636611.2253	1836066.784	3786		GWS	-0.959398496
1019	9/9/2019	13:55:24			636610.6145	1836066.42	4616		GWS	-0.335338346
1020	9/9/2019	13:55:25			636610.1693	1836065.967	4959		GWS	-0.077443609
1021	9/9/2019	13:55:26			636610.4089	1836065.504	4964		GWS	-0.073684211
1022	9/9/2019	13:55:27			636610.7104	1836064.927	4952		GWS	-0.082706767
1023	9/9/2019	13:55:28			636611.1189	1836064.495	5118		GWS	0.042105263
1024	9/9/2019	13:55:29			636611.5299	1836064.08	5489		GWS	0.321052632
1025	9/9/2019	13:55:30			636612.07	1836064.137	5000		GWS	-0.046616541
1026	9/9/2019	13:55:31			636612.2146	1836064.632	4455		GWS	-0.456390977
1027	9/9/2019	13:55:32			636611.8396	1836065.154	4298		GWS	-0.57443609
1028	9/9/2019	13:55:33			636611.3293	1836065.474	4210		GWS	-0.640601504
1029	9/9/2019	13:55:34			636611.0682	1836065.951	4438		GWS	-0.469172932
1030	9/9/2019	13:55:37			636610.7524	1836067.023	6136		GWS	0.807518797
1031	9/9/2019	13:55:38			636610.8143	1836067.921	7204		GWS	1.610526316
1032	9/9/2019	13:55:39			636610.9534	1836068.493	5491		GWS	0.322556391
1033	9/9/2019	13:55:40			636611.3922	1836068.892	4731		GWS	-0.24887218
1034	9/9/2019	13:55:41			636611.5845	1836069.442	4753		GWS	-0.232330827
1035	9/9/2019	13:55:42			636611.2752	1836070.02	4534		GWS	-0.396992481
1036	9/9/2019	13:55:43			636610.7955	1836070.456	4440		GWS	-0.467669173

Gamma Scan Survey Results
Survey Unit 4 Manholes and Grates

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
1037	9/9/2019	13:55:44			636610.5167	1836070.373	4432		GWS	-0.473684211
1038	9/9/2019	13:55:45			636610.0297	1836070.035	4736		GWS	-0.245112782
1039	9/9/2019	13:55:46			636609.8816	1836069.404	4944		GWS	-0.088721805
1040	9/9/2019	13:55:47			636610.1228	1836068.703	4813		GWS	-0.187218045
1041	9/9/2019	13:55:48			636610.7699	1836068.533	4807		GWS	-0.191729323
1042	9/9/2019	13:55:49			636611.4562	1836068.821	4174		GWS	-0.667669173
1043	9/9/2019	13:55:50			636611.7978	1836069.392	4388		GWS	-0.506766917
1044	9/9/2019	13:55:51			636611.9995	1836069.95	4583		GWS	-0.360150376
1045	9/9/2019	13:55:52			636612.4443	1836070.034	4550		GWS	-0.384962406
1046	9/9/2019	13:55:53			636612.6141	1836070.324	4134		GWS	-0.697744361
1047	9/9/2019	13:55:54			636612.5212	1836070.67	4110		GWS	-0.715789474
1048	9/9/2019	13:55:55			636612.0981	1836070.709	4044		GWS	-0.765413534
1049	9/9/2019	13:55:56			636611.8544	1836070.391	3797		GWS	-0.95112782
1050	9/9/2019	13:55:57			636611.888	1836070.107	4020		GWS	-0.783458647
1051	9/9/2019	13:55:58			636612.3929	1836070.326	3712		GWS	-1.015037594
1052	9/9/2019	13:55:59			636613.084	1836070.631	4365		GWS	-0.52406015
1053	9/9/2019	13:56:00			636613.6657	1836071.22	4457		GWS	-0.454887218
1054	9/9/2019	13:56:01			636614.0924	1836071.456	4217		GWS	-0.635338346
1055	9/9/2019	13:56:02			636614.5753	1836071.678	3661		GWS	-1.053383459
1056	9/9/2019	13:56:03			636614.54	1836072.073	3882		GWS	-0.887218045
1057	9/9/2019	13:56:04			636614.3299	1836072.534	3992		GWS	-0.804511278
1058	9/9/2019	13:56:05			636613.9038	1836072.393	3849		GWS	-0.912030075
1059	9/9/2019	13:56:06			636613.5731	1836071.899	3783		GWS	-0.961654135
1060	9/9/2019	13:56:07			636614.0156	1836071.645	4014		GWS	-0.787969925
1061	9/9/2019	13:56:08			636614.6493	1836071.678	4818		GWS	-0.183458647
1062	9/9/2019	13:56:09			636615.3232	1836071.824	4893		GWS	-0.127067669
1063	9/9/2019	13:56:10			636615.8838	1836072.072	5220		GWS	0.118796992
1064	9/9/2019	13:56:11			636616.3822	1836072.324	5516		GWS	0.341353383
1065	9/9/2019	13:56:12			636616.5476	1836072.801	5592		GWS	0.398496241
1066	9/9/2019	13:56:13			636616.5651	1836073.383	5786		GWS	0.544360902
1067	9/9/2019	13:56:14			636616.2923	1836073.872	5279		GWS	0.163157895
1068	9/9/2019	13:56:15			636615.7646	1836073.916	4905		GWS	-0.118045113
1069	9/9/2019	13:56:16			636615.0956	1836073.958	5444		GWS	0.287218045
1070	9/9/2019	13:56:17			636614.4795	1836073.656	5852		GWS	0.593984962
1071	9/9/2019	13:56:18			636614.3536	1836073.106	5677		GWS	0.462406015
1072	9/9/2019	13:56:19			636614.4881	1836072.589	5675		GWS	0.460902256
1073	9/9/2019	13:56:20			636614.5956	1836072.202	5750		GWS	0.517293233
1074	9/9/2019	13:56:29			636617.2712	1836077.285	7715		GWS	1.994736842
1075	9/9/2019	13:56:30			636617.5101	1836078.006	7298		GWS	1.681203008
1076	9/9/2019	13:56:31			636617.8252	1836078.435	6504		GWS	1.084210526
1077	9/9/2019	13:56:32			636617.8491	1836078.445	5949		GWS	0.666917293
1078	9/9/2019	13:56:33			636617.206	1836078.22	6008		GWS	0.711278195
1079	9/9/2019	13:56:34			636616.7728	1836078.419	7638		GWS	1.936842105
1080	9/9/2019	13:56:35			636616.4745	1836078.941	6289		GWS	0.922556391
1081	9/9/2019	13:56:36			636616.2147	1836079.552	6792		GWS	1.30075188
1082	9/9/2019	13:56:37			636616.5271	1836080.172	7698		GWS	1.981954887
1083	9/9/2019	13:56:38			636616.5392	1836080.196	6124		GWS	0.798496241
1084	9/9/2019	13:56:56			636600.8329	1836089.569	7617		GWS	1.921052632
1085	9/9/2019	13:56:57			636600.4056	1836089.795	4724		GWS	-0.254135338
1086	9/9/2019	13:56:58			636600.1877	1836090.126	4525		GWS	-0.403759398
1087	9/9/2019	13:56:59			636599.8084	1836090.273	4345		GWS	-0.539097744
1088	9/9/2019	13:57:00			636599.4615	1836090.139	5466		GWS	0.303759398
1089	9/9/2019	13:57:01			636599.4883	1836089.736	5077		GWS	0.011278195
1090	9/9/2019	13:57:02			636599.9934	1836089.376	4273		GWS	-0.593233083
1091	9/9/2019	13:57:03			636600.322	1836089.765	4563		GWS	-0.37518797
1092	9/9/2019	13:57:04			636600.1373	1836090.622	5499		GWS	0.328571429
1093	9/9/2019	13:57:05			636599.4595	1836091.417	7642		GWS	1.939849624
1094	9/9/2019	13:57:27			636581.3148	1836108.909	7408		GWS	1.763909774
1095	9/9/2019	13:57:28			636580.8792	1836109.319	7042		GWS	1.488721805
1096	9/9/2019	13:57:29			636580.8391	1836109.917	6500		GWS	1.081203008
1097	9/9/2019	13:57:30			636580.5046	1836110.349	5135		GWS	0.054887218

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Survey Unit 4 Manholes and Grates

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
1098	9/9/2019	13:57:31			636580.0686	1836110.686	5505		GWS	0.333082707
1099	9/9/2019	13:57:32			636579.4031	1836110.883	5789		GWS	0.546616541
1100	9/9/2019	13:57:33			636578.9847	1836110.668	5791		GWS	0.548120301
1101	9/9/2019	13:57:34			636578.7669	1836110.267	6416		GWS	1.018045113
1102	9/9/2019	13:57:35			636578.5141	1836109.943	6674		GWS	1.212030075
1103	9/9/2019	13:57:36			636578.6461	1836109.434	8118		GWS	2.297744361
1104	9/9/2019	13:57:37			636579.0067	1836108.95	6469		GWS	1.057894737
1105	9/9/2019	13:57:38			636579.5809	1836108.506	6627		GWS	1.176691729
1106	9/9/2019	13:57:39			636580.1747	1836108.672	6877		GWS	1.364661654
1107	9/9/2019	13:57:40			636580.5217	1836109.194	6078		GWS	0.763909774
1108	9/9/2019	13:57:41			636580.8953	1836109.768	6183		GWS	0.842857143
1109	9/9/2019	13:57:42			636581.154	1836110.279	5595		GWS	0.40075188
1110	9/9/2019	13:57:43			636581.6575	1836110.508	5375		GWS	0.235338346
1111	9/9/2019	13:57:44			636581.7253	1836110.964	4696		GWS	-0.27518797
1112	9/9/2019	13:57:45			636581.4551	1836111.442	4801		GWS	-0.196240602
1113	9/9/2019	13:57:46			636580.9842	1836111.39	4080		GWS	-0.738345865
1114	9/9/2019	13:57:47			636580.7027	1836111.09	4050		GWS	-0.760902256
1115	9/9/2019	13:57:48			636580.8935	1836110.632	4408		GWS	-0.491729323
1116	9/9/2019	13:57:49			636581.4951	1836110.719	4467		GWS	-0.447368421
1117	9/9/2019	13:57:50			636582.1786	1836111.253	4980		GWS	-0.061654135
1118	9/9/2019	13:57:51			636582.787	1836111.79	5381		GWS	0.239849624
1119	9/9/2019	13:57:52			636583.3571	1836111.928	4729		GWS	-0.25037594
1120	9/9/2019	13:57:53			636583.5087	1836112.442	4408		GWS	-0.491729323
1121	9/9/2019	13:57:54			636583.1379	1836112.921	4466		GWS	-0.448120301
1122	9/9/2019	13:57:55			636582.5495	1836113.058	4755		GWS	-0.230827068
1123	9/9/2019	13:57:56			636582.513	1836112.452	4392		GWS	-0.503759398
1124	9/9/2019	13:57:57			636582.7674	1836111.899	4458		GWS	-0.454135338
1125	9/9/2019	13:57:58			636583.3912	1836111.92	4075		GWS	-0.742105263
1126	9/9/2019	13:57:59			636583.9925	1836112.288	5142		GWS	0.060150376
1127	9/9/2019	13:58:00			636584.6337	1836112.569	5165		GWS	0.077443609
1128	9/9/2019	13:58:01			636585.0297	1836112.988	4713		GWS	-0.262406015
1129	9/9/2019	13:58:02			636585.2989	1836113.486	4908		GWS	-0.115789474
1130	9/9/2019	13:58:03			636585.0392	1836114.009	4096		GWS	-0.726315789
1131	9/9/2019	13:58:04			636584.7325	1836114.427	3840		GWS	-0.918796992
1132	9/9/2019	13:58:05			636584.2514	1836114.273	3780		GWS	-0.963909774
1133	9/9/2019	13:58:06			636583.9222	1836113.864	3848		GWS	-0.912781955
1134	9/9/2019	13:58:07			636584.0474	1836113.401	3812		GWS	-0.939849624
1135	9/9/2019	13:58:08			636584.3105	1836113.283	4031		GWS	-0.77518797
1136	9/9/2019	13:58:24			636573.5405	1836123.098	5897		GWS	0.627819549
1137	9/9/2019	13:58:25			636573.3488	1836123.334	5642		GWS	0.436090226
1138	9/9/2019	13:58:26			636573.3426	1836123.91	5791		GWS	0.548120301
1139	9/9/2019	13:58:27			636572.9456	1836124.234	5690		GWS	0.472180451
1140	9/9/2019	13:58:28			636572.5121	1836124.129	5323		GWS	0.196240602
1141	9/9/2019	13:58:29			636572.1698	1836123.795	5941		GWS	0.660902256
1142	9/9/2019	13:58:30			636572.1784	1836123.245	6334		GWS	0.956390977
1143	9/9/2019	13:58:31			636572.7287	1836123.013	5783		GWS	0.542105263
1144	9/9/2019	13:58:32			636573.3492	1836123.254	5330		GWS	0.201503759
1145	9/9/2019	13:58:33			636573.7336	1836123.562	6501		GWS	1.081954887
1146	9/9/2019	13:58:52			636568.8974	1836142.115	5911		GWS	0.638345865
1147	9/9/2019	13:58:53			636569.0404	1836142.382	5965		GWS	0.678947368
1148	9/9/2019	13:58:54			636568.7827	1836142.475	6242		GWS	0.887218045
1149	9/9/2019	13:58:55			636568.2549	1836142.632	6180		GWS	0.840601504
1150	9/9/2019	13:58:56			636567.9564	1836143.144	5715		GWS	0.490977444
1151	9/9/2019	13:58:57			636568.0025	1836143.486	5622		GWS	0.421052632
1152	9/9/2019	13:58:58			636568.0598	1836143.603	5877		GWS	0.612781955
1153	9/9/2019	13:58:59			636567.6227	1836143.688	5548		GWS	0.365413534
1154	9/9/2019	13:59:00			636567.2834	1836144.054	5921		GWS	0.645864662
1155	9/9/2019	13:59:01			636567.1848	1836144.313	6285		GWS	0.919548872
1156	9/9/2019	13:59:02			636567.2834	1836144.518	5921		GWS	0.645864662
1157	9/9/2019	13:59:03			636567.2358	1836144.531	6465		GWS	1.054887218
1158	9/9/2019	13:59:04			636567.2814	1836144.124	6176		GWS	0.837593985

Gamma Scan Survey Results
Survey Unit 4 Manholes and Grates

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
1159	9/9/2019	13:59:05			636567.7112	1836143.792	5834		GWS	0.580451128
1160	9/9/2019	13:59:06			636568.009	1836143.663	6056		GWS	0.747368421
1161	9/9/2019	13:59:07			636567.8736	1836143.601	5496		GWS	0.326315789

Gamma Scan Survey Results
Survey Unit 5 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
0	9/4/2019 6:46:28		-122.364	37.7167				2228.78485	RS-700	1.446690796
1	9/4/2019 6:46:29		-122.364	37.7167				2232.12176	RS-700	1.463292338
2	9/4/2019 6:46:30		-122.364	37.7167				2114.70603	RS-700	0.879134478
3	9/4/2019 6:46:31		-122.364	37.7167				2190.99509	RS-700	1.25868204
4	9/4/2019 6:46:32		-122.364	37.7167				2220.33459	RS-700	1.404649701
5	9/4/2019 6:46:33		-122.364	37.7167				2166.76424	RS-700	1.138130547
6	9/4/2019 6:46:34		-122.364	37.7167				2165.54658	RS-700	1.132072537
7	9/4/2019 6:46:35		-122.364	37.7167				2138.1787	RS-700	0.99591393
8	9/4/2019 6:46:36		-122.364	37.7167				2201.89087	RS-700	1.312889901
9	9/4/2019 6:46:37		-122.364	37.7167				2169.44541	RS-700	1.151469701
10	9/4/2019 6:46:38		-122.364	37.7167				2170.08771	RS-700	1.154665224
11	9/4/2019 6:46:39		-122.364	37.7167				2162.97786	RS-700	1.119292836
12	9/4/2019 6:46:40		-122.364	37.7167				2195.77817	RS-700	1.282478458
13	9/4/2019 6:46:41		-122.364	37.7167				2164.87161	RS-700	1.128714478
14	9/4/2019 6:46:42		-122.364	37.7167				2123.42822	RS-700	0.922528458
15	9/4/2019 6:46:43		-122.364	37.7167				2174.65765	RS-700	1.177401244
16	9/4/2019 6:46:44		-122.364	37.7167				2188.76446	RS-700	1.247584378
17	9/4/2019 6:46:45		-122.364	37.7167				2172.77505	RS-700	1.168035075
18	9/4/2019 6:46:46		-122.364	37.7167				2174.2032	RS-700	1.175140299
19	9/4/2019 6:46:47		-122.364	37.7167				2207.88787	RS-700	1.342725721
20	9/4/2019 6:46:48		-122.364	37.7167				2173.42441	RS-700	1.171265721
21	9/4/2019 6:46:49		-122.364	37.7167				2261.04028	RS-700	1.607165572
22	9/4/2019 6:46:50		-122.364	37.7167				2195.75565	RS-700	1.282366418
23	9/4/2019 6:46:51		-122.364	37.7167				2182.44198	RS-700	1.216129254
24	9/4/2019 6:46:52		-122.364	37.7167				2236.89829	RS-700	1.487056169
25	9/4/2019 6:46:53		-122.364	37.7167				2142.83174	RS-700	1.019063383
26	9/4/2019 6:46:54		-122.364	37.7167				2167.09426	RS-700	1.139772438
27	9/4/2019 6:46:55		-122.364	37.7167				2194.98963	RS-700	1.278555373
28	9/4/2019 6:46:56		-122.364	37.7167				2210.0109	RS-700	1.35328806
29	9/4/2019 6:46:57		-122.364	37.7167				2216.33777	RS-700	1.384765025
30	9/4/2019 6:46:58		-122.364	37.7167				2161.76694	RS-700	1.113268358
31	9/4/2019 6:46:59		-122.364	37.7167				2307.92848	RS-700	1.840440199
32	9/4/2019 6:47:00		-122.364	37.7167				2284.814	RS-700	1.725442786
33	9/4/2019 6:47:01		-122.364	37.7167				2201.5489	RS-700	1.311188557
34	9/4/2019 6:47:02		-122.364	37.7167				2225.4519	RS-700	1.430108955
35	9/4/2019 6:47:03		-122.364	37.7167				2309.92649	RS-700	1.850380547
36	9/4/2019 6:47:04		-122.364	37.7167				2331.40553	RS-700	1.957241443
37	9/4/2019 6:47:05		-122.364	37.7167				2270.94949	RS-700	1.656465124
38	9/4/2019 6:47:06		-122.364	37.7167				2144.75494	RS-700	1.028631542
39	9/4/2019 6:47:07		-122.364	37.7167				2146.18599	RS-700	1.035751194
40	9/4/2019 6:47:08		-122.364	37.7167				2269.91234	RS-700	1.651305174
41	9/4/2019 6:47:09		-122.364	37.7167				2206.79287	RS-700	1.33727796
42	9/4/2019 6:47:10		-122.364	37.7167				2296.2727	RS-700	1.782451244
43	9/4/2019 6:47:11		-122.364	37.7167				2157.74798	RS-700	1.093273532
44	9/4/2019 6:47:12		-122.364	37.7167				2252.5712	RS-700	1.565030846
45	9/4/2019 6:47:13		-122.364	37.7167				2294.92539	RS-700	1.775748209
46	9/4/2019 6:47:14		-122.364	37.7167				2207.22662	RS-700	1.33943592
47	9/4/2019 6:47:15		-122.364	37.7167				2268.1401	RS-700	1.64248806
48	9/4/2019 6:47:16		-122.364	37.7167				2270.37678	RS-700	1.653615821
49	9/4/2019 6:47:17		-122.364	37.7167				2157.8699	RS-700	1.0938801
50	9/4/2019 6:47:18		-122.364	37.7167				2258.3608	RS-700	1.593834826
51	9/4/2019 6:47:19		-122.364	37.7167				2309.47938	RS-700	1.848156119
52	9/4/2019 6:47:20		-122.364	37.7167				2352.06624	RS-700	2.060031045
53	9/4/2019 6:47:21		-122.364	37.7166				2328.18256	RS-700	1.941206766
54	9/4/2019 6:47:22		-122.364	37.7166				2272.80413	RS-700	1.665692189
55	9/4/2019 6:47:23		-122.364	37.7166				2185.9894	RS-700	1.233778109
56	9/4/2019 6:47:24		-122.364	37.7166				2319.16959	RS-700	1.896366119
57	9/4/2019 6:47:25		-122.364	37.7166				2303.50438	RS-700	1.818429751
58	9/4/2019 6:47:26		-122.364	37.7166				2271.79156	RS-700	1.660654527
59	9/4/2019 6:47:27		-122.364	37.7166				2236.56448	RS-700	1.485395423
60	9/4/2019 6:47:28		-122.364	37.7166				2303.50669	RS-700	1.818441244

Gamma Scan Survey Results
Survey Unit 5 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
61	9/4/2019 6:47:29		-122.364	37.7166				2102.06775	RS-700	0.816257463
62	9/4/2019 6:47:30		-122.364	37.7166				2134.08698	RS-700	0.975557114
63	9/4/2019 6:47:31		-122.364	37.7166				1899.6783	RS-700	-0.190655224
64	9/4/2019 6:47:32		-122.364	37.7166				2137.86148	RS-700	0.994335721
65	9/4/2019 6:47:33		-122.364	37.7166				2247.79045	RS-700	1.54124602
66	9/4/2019 6:47:34		-122.364	37.7166				2059.31495	RS-700	0.603556965
67	9/4/2019 6:47:35		-122.364	37.7166				2152.64689	RS-700	1.067894975
68	9/4/2019 6:47:36		-122.364	37.7166				2218.23921	RS-700	1.394224925
69	9/4/2019 6:47:37		-122.364	37.7166				2178.97596	RS-700	1.198885373
70	9/4/2019 6:47:38		-122.364	37.7166				2140.32623	RS-700	1.006598159
71	9/4/2019 6:47:39		-122.364	37.7166				2214.88534	RS-700	1.377539005
72	9/4/2019 6:47:40		-122.364	37.7166				2219.67016	RS-700	1.40134408
73	9/4/2019 6:47:41		-122.364	37.7166				2173.76248	RS-700	1.172947662
74	9/4/2019 6:47:42		-122.364	37.7166				2124.17856	RS-700	0.926261493
75	9/4/2019 6:47:43		-122.364	37.7166				2155.30242	RS-700	1.081106567
76	9/4/2019 6:47:44		-122.364	37.7166				2130.40428	RS-700	0.957235224
77	9/4/2019 6:47:45		-122.364	37.7166				2191.321	RS-700	1.260303483
78	9/4/2019 6:47:46		-122.364	37.7166				2079.75199	RS-700	0.705233781
79	9/4/2019 6:47:47		-122.364	37.7166				2082.17039	RS-700	0.717265622
80	9/4/2019 6:47:48		-122.364	37.7166				2157.98028	RS-700	1.094429254
81	9/4/2019 6:47:49		-122.364	37.7166				2259.78614	RS-700	1.60092607
82	9/4/2019 6:47:50		-122.364	37.7166				2116.53592	RS-700	0.888238408
83	9/4/2019 6:47:51		-122.364	37.7166				2215.66056	RS-700	1.381395821
84	9/4/2019 6:47:52		-122.364	37.7166				2210.21753	RS-700	1.35431607
85	9/4/2019 6:47:53		-122.364	37.7166				2174.6506	RS-700	1.177366169
86	9/4/2019 6:47:54		-122.364	37.7166				2208.96165	RS-700	1.34806791
87	9/4/2019 6:47:55		-122.364	37.7166				2163.43906	RS-700	1.121587363
88	9/4/2019 6:47:56		-122.364	37.7166				2120.48943	RS-700	0.907907612
89	9/4/2019 6:47:57		-122.364	37.7166				2153.39648	RS-700	1.071624279
90	9/4/2019 6:47:58		-122.364	37.7166				2185.88597	RS-700	1.233263532
91	9/4/2019 6:47:59		-122.364	37.7166				2260.02341	RS-700	1.602106517
92	9/4/2019 6:48:00		-122.364	37.7165				2167.87301	RS-700	1.143646816
93	9/4/2019 6:48:01		-122.364	37.7165				2065.72627	RS-700	0.63545408
94	9/4/2019 6:48:02		-122.364	37.7165				2070.84179	RS-700	0.660904428
95	9/4/2019 6:48:03		-122.364	37.7165				2154.07766	RS-700	1.075013234
96	9/4/2019 6:48:04		-122.364	37.7165				2143.28691	RS-700	1.02132791
97	9/4/2019 6:48:05		-122.364	37.7165				2147.86124	RS-700	1.044085771
98	9/4/2019 6:48:06		-122.364	37.7165				2174.98885	RS-700	1.179049005
99	9/4/2019 6:48:07		-122.364	37.7165				2037.82112	RS-700	0.496622488
100	9/4/2019 6:48:08		-122.364	37.7165				2050.82351	RS-700	0.561310995
101	9/4/2019 6:48:09		-122.364	37.7165				2048.61476	RS-700	0.550322189
102	9/4/2019 6:48:10		-122.364	37.7165				2066.23398	RS-700	0.63798
103	9/4/2019 6:48:11		-122.364	37.7165				2183.88375	RS-700	1.223302239
104	9/4/2019 6:48:12		-122.364	37.7165				2106.75454	RS-700	0.839574826
105	9/4/2019 6:48:13		-122.364	37.7165				2020.60359	RS-700	0.410963134
106	9/4/2019 6:48:14		-122.364	37.7165				2067.7328	RS-700	0.645436816
107	9/4/2019 6:48:15		-122.364	37.7165				2145.87433	RS-700	1.034200647
108	9/4/2019 6:48:16		-122.364	37.7165				2021.50663	RS-700	0.415455871
109	9/4/2019 6:48:17		-122.364	37.7165				2111.85485	RS-700	0.864949502
110	9/4/2019 6:48:18		-122.364	37.7165				2114.74595	RS-700	0.879333085
111	9/4/2019 6:48:19		-122.364	37.7165				2019.68863	RS-700	0.406411095
112	9/4/2019 6:48:20		-122.364	37.7165				2081.6215	RS-700	0.714534826
113	9/4/2019 6:48:21		-122.364	37.7165				1921.29183	RS-700	-0.083125224
114	9/4/2019 6:48:22		-122.364	37.7165				1958.7921	RS-700	0.103443284
115	9/4/2019 6:48:23		-122.364	37.7165				1948.16467	RS-700	0.050570498
116	9/4/2019 6:48:24		-122.364	37.7165				1914.38768	RS-700	-0.117474229
117	9/4/2019 6:48:25		-122.364	37.7165				1941.95794	RS-700	0.019691244
118	9/4/2019 6:48:26		-122.364	37.7165				1939.58999	RS-700	0.007910398
119	9/4/2019 6:48:27		-122.364	37.7165				1975.60437	RS-700	0.187086418
120	9/4/2019 6:48:28		-122.364	37.7165				1859.19236	RS-700	-0.392077811
121	9/4/2019 6:48:29		-122.364	37.7165				1971.49983	RS-700	0.166665821

Gamma Scan Survey Results
Survey Unit 5 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
122	9/4/2019 6:48:30		-122.364	37.7165				1878.47687	RS-700	-0.296134975
123	9/4/2019 6:48:31		-122.364	37.7165				1965.59447	RS-700	0.13728592
124	9/4/2019 6:48:32		-122.364	37.7165				1981.89785	RS-700	0.218397264
125	9/4/2019 6:48:33		-122.364	37.7165				2038.71469	RS-700	0.501068109
126	9/4/2019 6:48:34		-122.364	37.7165				2015.61284	RS-700	0.386133532
127	9/4/2019 6:48:35		-122.364	37.7165				2071.04162	RS-700	0.661898607
128	9/4/2019 6:48:36		-122.364	37.7165				2025.14336	RS-700	0.433549055
129	9/4/2019 6:48:37		-122.364	37.7165				2078.84079	RS-700	0.700700448
130	9/4/2019 6:48:38		-122.364	37.7165				2045.43845	RS-700	0.534519652
131	9/4/2019 6:48:39		-122.364	37.7164				2017.52224	RS-700	0.395633035
132	9/4/2019 6:48:40		-122.364	37.7164				2184.66309	RS-700	1.227179552
133	9/4/2019 6:48:41		-122.364	37.7164				2037.33668	RS-700	0.494212338
134	9/4/2019 6:48:42		-122.364	37.7164				2114.46803	RS-700	0.877950398
135	9/4/2019 6:48:43		-122.364	37.7164				2118.64087	RS-700	0.898710796
136	9/4/2019 6:48:44		-122.364	37.7164				2077.74529	RS-700	0.695250199
137	9/4/2019 6:48:45		-122.364	37.7164				2018.81657	RS-700	0.402072488
138	9/4/2019 6:48:46		-122.364	37.7164				2096.16432	RS-700	0.786887164
139	9/4/2019 6:48:47		-122.364	37.7164				2038.12646	RS-700	0.498141592
140	9/4/2019 6:48:48		-122.364	37.7164				2048.33932	RS-700	0.548951841
141	9/4/2019 6:48:49		-122.364	37.7165				2047.51661	RS-700	0.544858756
142	9/4/2019 6:48:50		-122.364	37.7165				2037.92301	RS-700	0.497129403
143	9/4/2019 6:48:51		-122.364	37.7165				1980.09688	RS-700	0.209437214
144	9/4/2019 6:48:52		-122.364	37.7165				1930.87888	RS-700	-0.035428458
145	9/4/2019 6:48:53		-122.364	37.7165				2044.02528	RS-700	0.527488955
146	9/4/2019 6:48:54		-122.364	37.7165				2037.43374	RS-700	0.494695224
147	9/4/2019 6:48:55		-122.364	37.7165				1992.9012	RS-700	0.273140299
148	9/4/2019 6:48:56		-122.364	37.7165				2051.20906	RS-700	0.563229154
149	9/4/2019 6:48:57		-122.364	37.7165				2025.12583	RS-700	0.433461841
150	9/4/2019 6:48:58		-122.364	37.7165				2021.70973	RS-700	0.416466318
151	9/4/2019 6:48:59		-122.364	37.7165				2065.83242	RS-700	0.635982189
152	9/4/2019 6:49:00		-122.364	37.7165				2007.2108	RS-700	0.344332338
153	9/4/2019 6:49:01		-122.364	37.7165				2042.30674	RS-700	0.518939005
154	9/4/2019 6:49:02		-122.364	37.7164				2205.10326	RS-700	1.32887194
155	9/4/2019 6:49:03		-122.364	37.7164				2083.34746	RS-700	0.723121692
156	9/4/2019 6:49:04		-122.364	37.7164				2120.74811	RS-700	0.909194577
157	9/4/2019 6:49:05		-122.364	37.7164				2085.73665	RS-700	0.735008209
158	9/4/2019 6:49:06		-122.364	37.7164				2032.51796	RS-700	0.470238607
159	9/4/2019 6:49:07		-122.364	37.7164				2018.8138	RS-700	0.402058706
160	9/4/2019 6:49:08		-122.364	37.7164				2020.92782	RS-700	0.412576219
161	9/4/2019 6:49:09		-122.363	37.7164				2075.35521	RS-700	0.683359254
162	9/4/2019 6:49:10		-122.363	37.7164				2072.84221	RS-700	0.670856766
163	9/4/2019 6:49:11		-122.363	37.7164				1951.88446	RS-700	0.069076915
164	9/4/2019 6:49:12		-122.363	37.7164				2019.81278	RS-700	0.407028756
165	9/4/2019 6:49:13		-122.363	37.7164				2135.75755	RS-700	0.983868408
166	9/4/2019 6:49:14		-122.363	37.7164				2046.93045	RS-700	0.541942537
167	9/4/2019 6:49:15		-122.363	37.7164				2095.94941	RS-700	0.78581796
168	9/4/2019 6:49:16		-122.363	37.7164				2044.23243	RS-700	0.528519552
169	9/4/2019 6:49:17		-122.363	37.7164				2098.63586	RS-700	0.799183383
170	9/4/2019 6:49:18		-122.363	37.7164				2053.53934	RS-700	0.574822587
171	9/4/2019 6:49:19		-122.363	37.7164				2032.71742	RS-700	0.471230945
172	9/4/2019 6:49:20		-122.363	37.7164				2062.04365	RS-700	0.617132587
173	9/4/2019 6:49:21		-122.363	37.7164				2056.71702	RS-700	0.59063194
174	9/4/2019 6:49:22		-122.363	37.7164				1951.79069	RS-700	0.068610398
175	9/4/2019 6:49:23		-122.363	37.7164				2008.70851	RS-700	0.351783632
176	9/4/2019 6:49:24		-122.363	37.7164				1990.00563	RS-700	0.258734478
177	9/4/2019 6:49:25		-122.363	37.7164				1650.50547	RS-700	-1.430321045
178	9/4/2019 6:49:26		-122.363	37.7164				1816.47186	RS-700	-0.604617612
179	9/4/2019 6:49:27		-122.363	37.7164				1979.79687	RS-700	0.207944627
180	9/4/2019 6:49:28		-122.363	37.7164				2107.06156	RS-700	0.841102289
181	9/4/2019 6:49:29		-122.363	37.7164				2125.32644	RS-700	0.931972338
182	9/4/2019 6:49:30		-122.363	37.7164				2085.95025	RS-700	0.736070896

Gamma Scan Survey Results
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SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
183	9/4/2019 6:49:31		-122.363	37.7164				2091.94463	RS-700	0.765893682
184	9/4/2019 6:49:32		-122.363	37.7164				1967.58942	RS-700	0.147211045
185	9/4/2019 6:49:33		-122.363	37.7164				2041.61746	RS-700	0.515509751
186	9/4/2019 6:49:34		-122.363	37.7164				2034.82093	RS-700	0.481696169
187	9/4/2019 6:49:35		-122.363	37.7164				2033.72113	RS-700	0.476224527
188	9/4/2019 6:49:36		-122.363	37.7164				2038.91852	RS-700	0.502082189
189	9/4/2019 6:49:37		-122.363	37.7164				2022.81608	RS-700	0.421970547
190	9/4/2019 6:49:38		-122.363	37.7164				2003.71036	RS-700	0.326917214
191	9/4/2019 6:49:39		-122.363	37.7164				2085.84051	RS-700	0.735524925
192	9/4/2019 6:49:40		-122.363	37.7164				2107.2028	RS-700	0.841804975
193	9/4/2019 6:49:41		-122.363	37.7164				2045.02871	RS-700	0.532481144
194	9/4/2019 6:49:42		-122.363	37.7163				2085.26069	RS-700	0.732640249
195	9/4/2019 6:49:43		-122.363	37.7163				2063.82479	RS-700	0.62599398
196	9/4/2019 6:49:44		-122.363	37.7163				1808.81174	RS-700	-0.642727662
197	9/4/2019 6:49:45		-122.363	37.7163				1610.1607	RS-700	-1.631041294
198	9/4/2019 6:49:46		-122.363	37.7163				1817.82885	RS-700	-0.597866418
199	9/4/2019 6:49:47		-122.363	37.7163				2059.92768	RS-700	0.606605373
200	9/4/2019 6:49:48		-122.363	37.7163				2008.31123	RS-700	0.349807114
201	9/4/2019 6:49:49		-122.363	37.7163				2077.25539	RS-700	0.692812886
202	9/4/2019 6:49:50		-122.363	37.7163				2019.21836	RS-700	0.404071443
203	9/4/2019 6:49:51		-122.363	37.7163				2036.60641	RS-700	0.490579154
204	9/4/2019 6:49:52		-122.363	37.7163				2014.80663	RS-700	0.382122537
205	9/4/2019 6:49:53		-122.363	37.7163				2043.92202	RS-700	0.526975224
206	9/4/2019 6:49:54		-122.363	37.7163				2056.35308	RS-700	0.588821294
207	9/4/2019 6:49:55		-122.363	37.7163				2072.54981	RS-700	0.66940204
208	9/4/2019 6:49:56		-122.363	37.7163				1963.09638	RS-700	0.124857612
209	9/4/2019 6:49:57		-122.363	37.7163				2101.26366	RS-700	0.812257015
210	9/4/2019 6:49:58		-122.363	37.7163				2093.63646	RS-700	0.774310746
211	9/4/2019 6:49:59		-122.363	37.7163				2145.86299	RS-700	1.034144229
212	9/4/2019 6:50:00		-122.363	37.7163				2159.87138	RS-700	1.103837711
213	9/4/2019 6:50:01		-122.363	37.7163				2103.15613	RS-700	0.821672289
214	9/4/2019 6:50:02		-122.363	37.7163				2088.94595	RS-700	0.750974876
215	9/4/2019 6:50:03		-122.363	37.7163				2026.6138	RS-700	0.440864677
216	9/4/2019 6:50:04		-122.363	37.7163				1992.04054	RS-700	0.268858408
217	9/4/2019 6:50:05		-122.363	37.7163				2052.42268	RS-700	0.569267065
218	9/4/2019 6:50:06		-122.363	37.7163				2115.8523	RS-700	0.884837313
219	9/4/2019 6:50:07		-122.363	37.7163				2102.05896	RS-700	0.816213731
220	9/4/2019 6:50:08		-122.363	37.7163				2040.82425	RS-700	0.511563433
221	9/4/2019 6:50:09		-122.363	37.7163				2195.77327	RS-700	1.28245408
222	9/4/2019 6:50:10		-122.363	37.7163				2280.92337	RS-700	1.706086418
223	9/4/2019 6:50:11		-122.363	37.7163				2162.86588	RS-700	1.118735721
224	9/4/2019 6:50:12		-122.363	37.7163				2209.43433	RS-700	1.350419552
225	9/4/2019 6:50:13		-122.363	37.7163				2167.65538	RS-700	1.14256408
226	9/4/2019 6:50:14		-122.363	37.7163				2178.55386	RS-700	1.196785373
227	9/4/2019 6:50:15		-122.363	37.7163				2129.87556	RS-700	0.954604776
228	9/4/2019 6:50:16		-122.363	37.7163				2169.90061	RS-700	1.153734378
229	9/4/2019 6:50:17		-122.363	37.7163				2176.76972	RS-700	1.187909055
230	9/4/2019 6:50:18		-122.363	37.7163				2074.14331	RS-700	0.6773299
231	9/4/2019 6:50:19		-122.363	37.7163				2089.73775	RS-700	0.754914179
232	9/4/2019 6:50:20		-122.363	37.7163				2136.97088	RS-700	0.989904876
233	9/4/2019 6:50:21		-122.363	37.7163				2040.92188	RS-700	0.512049154
234	9/4/2019 6:50:22		-122.363	37.7163				2099.06703	RS-700	0.801328507
235	9/4/2019 6:50:23		-122.363	37.7163				2036.72232	RS-700	0.491155821
236	9/4/2019 6:50:24		-122.363	37.7163				1959.09276	RS-700	0.104939104
237	9/4/2019 6:50:25		-122.363	37.7163				2073.3564	RS-700	0.673414925
238	9/4/2019 6:50:26		-122.363	37.7163				1988.80311	RS-700	0.252751791
239	9/4/2019 6:50:27		-122.363	37.7163				1983.79903	RS-700	0.227855871
240	9/4/2019 6:50:28		-122.363	37.7163				1922.4904	RS-700	-0.077162189
241	9/4/2019 6:50:29		-122.363	37.7163				1943.97383	RS-700	0.029720547
242	9/4/2019 6:50:30		-122.363	37.7163				1921.29823	RS-700	-0.083093383
243	9/4/2019 6:50:31		-122.363	37.7163				2048.42146	RS-700	0.549360498

Gamma Scan Survey Results
Survey Unit 5 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
244	9/4/2019 6:50:32		-122.363	37.7163				2035.41675	RS-700	0.484660448
245	9/4/2019 6:50:33		-122.363	37.7162				2089.83339	RS-700	0.75539
246	9/4/2019 6:50:34		-122.363	37.7162				2015.62032	RS-700	0.386170746
247	9/4/2019 6:50:35		-122.363	37.7162				2009.7	RS-700	0.356716418
248	9/4/2019 6:50:36		-122.363	37.7162				2023.32033	RS-700	0.424479254
249	9/4/2019 6:50:37		-122.363	37.7162				2055.52781	RS-700	0.584715473
250	9/4/2019 6:50:38		-122.363	37.7162				2097.85687	RS-700	0.795307811
251	9/4/2019 6:50:39		-122.363	37.7162				2058.92705	RS-700	0.601627114
252	9/4/2019 6:50:40		-122.363	37.7162				2027.82028	RS-700	0.446867065
253	9/4/2019 6:50:41		-122.363	37.7162				2117.32688	RS-700	0.892173532
254	9/4/2019 6:50:42		-122.363	37.7162				2060.64463	RS-700	0.610172289
255	9/4/2019 6:50:43		-122.363	37.7162				2034.1191	RS-700	0.478204478
256	9/4/2019 6:50:44		-122.363	37.7162				2128.0791	RS-700	0.945667164
257	9/4/2019 6:50:45		-122.363	37.7162				2103.95194	RS-700	0.825631542
258	9/4/2019 6:50:46		-122.363	37.7162				1973.69873	RS-700	0.177605622
259	9/4/2019 6:50:47		-122.363	37.7162				2095.95229	RS-700	0.785832289
260	9/4/2019 6:50:48		-122.363	37.7162				2047.93352	RS-700	0.546932935
261	9/4/2019 6:50:49		-122.363	37.7162				2074.9166	RS-700	0.681177114
262	9/4/2019 6:50:50		-122.363	37.7162				2083.04847	RS-700	0.721634179
263	9/4/2019 6:50:51		-122.363	37.7162				2107.75081	RS-700	0.844531393
264	9/4/2019 6:50:52		-122.363	37.7162				2057.82984	RS-700	0.596168358
265	9/4/2019 6:50:53		-122.363	37.7162				2128.96718	RS-700	0.950085473
266	9/4/2019 6:50:54		-122.363	37.7162				2052.93203	RS-700	0.571801144
267	9/4/2019 6:50:55		-122.363	37.7162				2067.72495	RS-700	0.645397761
268	9/4/2019 6:50:56		-122.363	37.7162				2045.51413	RS-700	0.534896169
269	9/4/2019 6:50:57		-122.363	37.7162				2032.8271	RS-700	0.471776617
270	9/4/2019 6:50:58		-122.363	37.7162				2053.5135	RS-700	0.57469403
271	9/4/2019 6:50:59		-122.363	37.7162				2010.81568	RS-700	0.362267065
272	9/4/2019 6:51:00		-122.363	37.7162				2065.52358	RS-700	0.634445672
273	9/4/2019 6:51:01		-122.363	37.7162				2051.7025	RS-700	0.56568408
274	9/4/2019 6:51:02		-122.363	37.7162				2128.75461	RS-700	0.94902791
275	9/4/2019 6:51:03		-122.363	37.7162				2044.31072	RS-700	0.528909055
276	9/4/2019 6:51:04		-122.363	37.7162				2141.9669	RS-700	1.014760697
277	9/4/2019 6:51:05		-122.363	37.7162				2051.72375	RS-700	0.565789801
278	9/4/2019 6:51:06		-122.363	37.7162				2017.41031	RS-700	0.395076169
279	9/4/2019 6:51:07		-122.363	37.7162				2136.75517	RS-700	0.988831692
280	9/4/2019 6:51:08		-122.363	37.7162				2044.72554	RS-700	0.530972836
281	9/4/2019 6:51:09		-122.363	37.7162				2104.74302	RS-700	0.829567264
282	9/4/2019 6:51:10		-122.363	37.7162				2061.348	RS-700	0.613671642
283	9/4/2019 6:51:11		-122.363	37.7162				2145.17511	RS-700	1.03072194
284	9/4/2019 6:51:12		-122.363	37.7162				2065.61866	RS-700	0.634918706
285	9/4/2019 6:51:13		-122.363	37.7162				2102.32086	RS-700	0.817516716
286	9/4/2019 6:51:14		-122.363	37.7162				2147.43135	RS-700	1.041947015
287	9/4/2019 6:51:15		-122.363	37.7162				2184.86971	RS-700	1.228207512
288	9/4/2019 6:51:16		-122.363	37.7162				2125.06924	RS-700	0.930692736
289	9/4/2019 6:51:17		-122.363	37.7162				2117.53803	RS-700	0.89322403
290	9/4/2019 6:51:18		-122.363	37.7162				2117.6017	RS-700	0.893540796
291	9/4/2019 6:51:19		-122.363	37.7162				2159.76573	RS-700	1.10331209
292	9/4/2019 6:51:20		-122.363	37.7162				2089.26986	RS-700	0.752586368
293	9/4/2019 6:51:21		-122.363	37.7162				2131.75449	RS-700	0.963952687
294	9/4/2019 6:51:22		-122.363	37.7162				2158.88247	RS-700	1.098917761
295	9/4/2019 6:51:23		-122.363	37.7162				2091.20568	RS-700	0.762217313
296	9/4/2019 6:51:24		-122.363	37.7162				2056.93196	RS-700	0.591701294
297	9/4/2019 6:51:25		-122.363	37.7162				2134.63191	RS-700	0.978268209
298	9/4/2019 6:51:26		-122.363	37.7162				2095.05506	RS-700	0.781368458
299	9/4/2019 6:51:27		-122.363	37.7162				2212.78167	RS-700	1.367072985
300	9/4/2019 6:51:28		-122.363	37.7162				2087.53266	RS-700	0.743943582
301	9/4/2019 6:51:29		-122.363	37.7162				2029.22449	RS-700	0.453853184
302	9/4/2019 6:51:30		-122.363	37.7162				2028.51649	RS-700	0.450330796
303	9/4/2019 6:51:31		-122.363	37.7162				2017.40827	RS-700	0.39506602
304	9/4/2019 6:51:32		-122.363	37.7162				2098.63828	RS-700	0.799195423

Gamma Scan Survey Results
Survey Unit 5 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
305	9/4/2019 6:51:33		-122.363	37.7162				2031.92208	RS-700	0.46727403
306	9/4/2019 6:51:34		-122.363	37.7162				2041.1332	RS-700	0.513100498
307	9/4/2019 6:51:35		-122.363	37.7162				2037.62988	RS-700	0.495671045
308	9/4/2019 6:51:36		-122.363	37.7162				2145.18604	RS-700	1.030776318
309	9/4/2019 6:51:37		-122.363	37.7162				2044.61948	RS-700	0.530445174
310	9/4/2019 6:51:38		-122.363	37.7162				2156.52485	RS-700	1.087188308
311	9/4/2019 6:51:39		-122.363	37.7162				1995.19622	RS-700	0.284558308
312	9/4/2019 6:51:40		-122.363	37.7162				2032.83426	RS-700	0.471812239
313	9/4/2019 6:51:41		-122.363	37.7162				2145.20137	RS-700	1.030852587
314	9/4/2019 6:51:42		-122.363	37.7162				2089.74043	RS-700	0.754927512
315	9/4/2019 6:51:43		-122.363	37.7162				2066.64738	RS-700	0.640036716
316	9/4/2019 6:51:44		-122.363	37.7162				2091.63541	RS-700	0.764355274
317	9/4/2019 6:51:45		-122.363	37.7162				2027.1073	RS-700	0.4433199
318	9/4/2019 6:51:46		-122.363	37.7162				2015.30646	RS-700	0.384609254
319	9/4/2019 6:51:47		-122.363	37.7162				1994.30833	RS-700	0.280140945
320	9/4/2019 6:51:48		-122.363	37.7162				2000.91332	RS-700	0.313001592
321	9/4/2019 6:51:49		-122.363	37.7162				2022.81463	RS-700	0.421963333
322	9/4/2019 6:51:50		-122.363	37.7162				1937.19866	RS-700	-0.003986766
323	9/4/2019 6:51:51		-122.363	37.7162				1959.59145	RS-700	0.107420149
324	9/4/2019 6:51:52		-122.363	37.7162				1968.59833	RS-700	0.152230498
325	9/4/2019 6:51:53		-122.363	37.7162				2030.49888	RS-700	0.460193433
326	9/4/2019 6:51:54		-122.363	37.7162				1978.79958	RS-700	0.202982985
327	9/4/2019 6:51:55		-122.363	37.7162				1963.59471	RS-700	0.127336866
328	9/4/2019 6:51:56		-122.363	37.7162				1968.88938	RS-700	0.153678507
329	9/4/2019 6:51:57		-122.363	37.7162				1948.46405	RS-700	0.05205995
330	9/4/2019 6:51:58		-122.363	37.7162				1943.97646	RS-700	0.029733632
331	9/4/2019 6:51:59		-122.363	37.7162				1975.2028	RS-700	0.185088557
332	9/4/2019 6:52:00		-122.363	37.7162				1910.38997	RS-700	-0.137363333
333	9/4/2019 6:52:01		-122.363	37.7162				1907.95995	RS-700	-0.149452985
334	9/4/2019 6:52:02		-122.363	37.7162				1943.87976	RS-700	0.029252537
335	9/4/2019 6:52:03		-122.363	37.7162				1950.39655	RS-700	0.061674378
336	9/4/2019 6:52:04		-122.363	37.7161				1925.48606	RS-700	-0.062258408
337	9/4/2019 6:52:05		-122.363	37.7161				1855.74789	RS-700	-0.409214478
338	9/4/2019 6:52:06		-122.363	37.7161				1959.17017	RS-700	0.105324229
339	9/4/2019 6:52:07		-122.363	37.7161				1659.851	RS-700	-1.383825871
340	9/4/2019 6:52:08		-122.363	37.7161				1413.42333	RS-700	-2.609834179
341	9/4/2019 6:52:09		-122.363	37.7161				1596.55263	RS-700	-1.698743134
342	9/4/2019 6:52:10		-122.363	37.7161				1888.67135	RS-700	-0.245416169
343	9/4/2019 6:52:11		-122.363	37.7161				1873.84916	RS-700	-0.319158408
344	9/4/2019 6:52:12		-122.363	37.7161				1794.72411	RS-700	-0.712815373
345	9/4/2019 6:52:13		-122.363	37.7161				1864.65763	RS-700	-0.364887413
346	9/4/2019 6:52:14		-122.363	37.7161				1862.37882	RS-700	-0.376224776
347	9/4/2019 6:52:15		-122.363	37.7161				1912.76543	RS-700	-0.125545124
348	9/4/2019 6:52:16		-122.363	37.7161				1693.68011	RS-700	-1.215521841
349	9/4/2019 6:52:17		-122.363	37.7161				1450.07561	RS-700	-2.427484527
350	9/4/2019 6:52:18		-122.363	37.7161				1423.5743	RS-700	-2.559331841
351	9/4/2019 6:52:19		-122.363	37.7161				1182.35809	RS-700	-3.759412488
352	9/4/2019 6:52:20		-122.363	37.7161				954.09829	RS-700	-4.895033383
353	9/4/2019 6:52:21		-122.363	37.7161				1312.13462	RS-700	-3.113758109
354	9/4/2019 6:52:22		-122.363	37.7161				1548.62783	RS-700	-1.937174975
355	9/4/2019 6:52:23		-122.363	37.7161				1669.75817	RS-700	-1.334536468
356	9/4/2019 6:52:24		-122.363	37.7161				1686.42413	RS-700	-1.251621244
357	9/4/2019 6:52:25		-122.363	37.7161				1723.43955	RS-700	-1.067464925
358	9/4/2019 6:52:26		-122.363	37.7161				1973.7042	RS-700	0.177632836
359	9/4/2019 6:52:27		-122.363	37.7161				2078.94126	RS-700	0.701200299
360	9/4/2019 6:52:28		-122.363	37.7161				2140.50558	RS-700	1.007490448
361	9/4/2019 6:52:29		-122.363	37.7161				2043.7206	RS-700	0.525973134
362	9/4/2019 6:52:30		-122.363	37.7161				2151.41165	RS-700	1.061749502
363	9/4/2019 6:52:31		-122.363	37.7161				2138.97358	RS-700	0.999868557
364	9/4/2019 6:52:32		-122.363	37.7161				2211.89129	RS-700	1.362643234
365	9/4/2019 6:52:33		-122.363	37.7161				2185.21152	RS-700	1.22990806

Gamma Scan Survey Results
Survey Unit 5 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
366	9/4/2019 6:52:34		-122.363	37.7161				2215.56219	RS-700	1.380906418
367	9/4/2019 6:52:35		-122.363	37.7161				2180.76283	RS-700	1.207775274
368	9/4/2019 6:52:36		-122.363	37.7161				2142.51012	RS-700	1.017463284
369	9/4/2019 6:52:37		-122.363	37.7161				2094.53244	RS-700	0.778768358
370	9/4/2019 6:52:38		-122.363	37.7161				2010.90711	RS-700	0.36272194
371	9/4/2019 6:52:39		-122.363	37.7161				2024.51495	RS-700	0.430422637
372	9/4/2019 6:52:40		-122.363	37.7161				2069.24631	RS-700	0.652966716
373	9/4/2019 6:52:41		-122.363	37.7161				2028.12074	RS-700	0.448361891
374	9/4/2019 6:52:42		-122.363	37.7161				1972.91126	RS-700	0.173687861
375	9/4/2019 6:52:43		-122.363	37.7161				1909.38735	RS-700	-0.142351493
376	9/4/2019 6:52:44		-122.363	37.7161				1936.36915	RS-700	-0.008113682
377	9/4/2019 6:52:45		-122.363	37.7161				1956.59278	RS-700	0.092501393
378	9/4/2019 6:52:46		-122.363	37.7161				1996.60729	RS-700	0.291578557
379	9/4/2019 6:52:47		-122.363	37.7161				1950.4896	RS-700	0.062137313
380	9/4/2019 6:52:48		-122.363	37.7161				1890.57318	RS-700	-0.235954328
381	9/4/2019 6:52:49		-122.363	37.7161				1679.17645	RS-700	-1.287679353
382	9/4/2019 6:52:50		-122.363	37.7161				1634.40585	RS-700	-1.510418657
383	9/4/2019 6:52:51		-122.363	37.716				1428.22007	RS-700	-2.536218557
384	9/4/2019 6:52:52		-122.363	37.716				1419.44513	RS-700	-2.579874975
385	9/4/2019 6:52:53		-122.363	37.716				1340.27201	RS-700	-2.973771095
386	9/4/2019 6:52:54		-122.363	37.716				1220.17836	RS-700	-3.57125194
387	9/4/2019 6:52:55		-122.363	37.716				1313.45784	RS-700	-3.107174925
388	9/4/2019 6:52:56		-122.363	37.716				1252.26945	RS-700	-3.411594776
389	9/4/2019 6:52:57		-122.363	37.716				1242.34099	RS-700	-3.4609901
390	9/4/2019 6:52:58		-122.363	37.716				1440.42185	RS-700	-2.475513184
391	9/4/2019 6:52:59		-122.363	37.716				1914.15463	RS-700	-0.118633682
392	9/4/2019 6:53:00		-122.363	37.716				1901.86229	RS-700	-0.179789602
393	9/4/2019 6:53:01		-122.363	37.716				2012.40808	RS-700	0.370189453
394	9/4/2019 6:53:02		-122.363	37.716				1911.56644	RS-700	-0.131510249
395	9/4/2019 6:53:03		-122.363	37.716				1554.68313	RS-700	-1.907049104
396	9/4/2019 6:53:04		-122.363	37.716				1623.67858	RS-700	-1.563788159
397	9/4/2019 6:53:05		-122.363	37.716				1788.7208	RS-700	-0.742682587
398	9/4/2019 6:53:06		-122.363	37.716				1889.95265	RS-700	-0.239041542
399	9/4/2019 6:53:07		-122.363	37.716				1923.58686	RS-700	-0.071707164
400	9/4/2019 6:53:08		-122.363	37.716				1962.30805	RS-700	0.120935572
401	9/4/2019 6:53:09		-122.363	37.716				1913.15416	RS-700	-0.123611144
402	9/4/2019 6:53:10		-122.363	37.716				1957.51938	RS-700	0.097111343
403	9/4/2019 6:53:11		-122.363	37.716				1810.42062	RS-700	-0.634723284
404	9/4/2019 6:53:12		-122.363	37.716				1897.60729	RS-700	-0.200958756
405	9/4/2019 6:53:13		-122.363	37.716				1992.80343	RS-700	0.272653881
406	9/4/2019 6:53:14		-122.363	37.716				2056.23782	RS-700	0.588247861
407	9/4/2019 6:53:15		-122.363	37.716				2123.09741	RS-700	0.920882637
408	9/4/2019 6:53:16		-122.363	37.716				2098.21438	RS-700	0.797086468
409	9/4/2019 6:53:17		-122.363	37.716				2112.06391	RS-700	0.865989602
410	9/4/2019 6:53:18		-122.363	37.716				2120.75006	RS-700	0.909204279
411	9/4/2019 6:53:19		-122.363	37.716				2134.50661	RS-700	0.977644826
412	9/4/2019 6:53:20		-122.363	37.716				2126.6416	RS-700	0.938515423
413	9/4/2019 6:53:21		-122.363	37.716				2072.0406	RS-700	0.666868657
414	9/4/2019 6:53:22		-122.363	37.716				2050.82873	RS-700	0.561336965
415	9/4/2019 6:53:23		-122.363	37.716				2146.76157	RS-700	1.038614776
416	9/4/2019 6:53:24		-122.363	37.716				2087.84969	RS-700	0.745520846
417	9/4/2019 6:53:25		-122.363	37.716				2081.84404	RS-700	0.71564199
418	9/4/2019 6:53:26		-122.363	37.716				2125.51355	RS-700	0.932903234
419	9/4/2019 6:53:27		-122.363	37.716				2068.73078	RS-700	0.650401891
420	9/4/2019 6:53:28		-122.363	37.716				2078.6313	RS-700	0.699658209
421	9/4/2019 6:53:29		-122.363	37.716				2120.96204	RS-700	0.910258905
422	9/4/2019 6:53:30		-122.363	37.716				1998.00434	RS-700	0.298529055
423	9/4/2019 6:53:31		-122.363	37.716				1998.39824	RS-700	0.300488756
424	9/4/2019 6:53:32		-122.363	37.716				1961.49493	RS-700	0.116890199
425	9/4/2019 6:53:33		-122.363	37.716				1966.69286	RS-700	0.142750547
426	9/4/2019 6:53:34		-122.363	37.716				2002.11188	RS-700	0.318964577

Gamma Scan Survey Results
Survey Unit 5 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
427	9/4/2019 6:53:35		-122.363	37.716				2032.92341	RS-700	0.472255771
428	9/4/2019 6:53:36		-122.363	37.716				2073.83807	RS-700	0.675811294
429	9/4/2019 6:53:37		-122.363	37.716				2112.63982	RS-700	0.868854826
430	9/4/2019 6:53:38		-122.363	37.716				2198.78259	RS-700	1.297425821
431	9/4/2019 6:53:39		-122.363	37.716				2068.04269	RS-700	0.646978557
432	9/4/2019 6:53:40		-122.363	37.716				2082.21347	RS-700	0.71747995
433	9/4/2019 6:53:41		-122.363	37.7159				2084.04842	RS-700	0.726609055
434	9/4/2019 6:53:42		-122.363	37.7159				2047.41254	RS-700	0.544340995
435	9/4/2019 6:53:43		-122.363	37.7159				2101.74055	RS-700	0.814629602
436	9/4/2019 6:53:44		-122.363	37.7159				2081.83444	RS-700	0.715594229
437	9/4/2019 6:53:45		-122.363	37.7159				2020.02374	RS-700	0.408078308
438	9/4/2019 6:53:46		-122.363	37.7159				2123.96498	RS-700	0.925198905
439	9/4/2019 6:53:47		-122.363	37.7159				1947.97993	RS-700	0.049651393
440	9/4/2019 6:53:48		-122.363	37.7159				2031.82061	RS-700	0.466769204
441	9/4/2019 6:53:49		-122.363	37.7159				2079.15087	RS-700	0.702243134
442	9/4/2019 6:53:50		-122.363	37.7159				2017.42328	RS-700	0.395140697
443	9/4/2019 6:53:51		-122.363	37.7159				2105.64047	RS-700	0.834032189
444	9/4/2019 6:53:52		-122.363	37.7159				1991.50144	RS-700	0.266176318
445	9/4/2019 6:53:53		-122.363	37.7159				1976.20218	RS-700	0.190060597
446	9/4/2019 6:53:54		-122.363	37.7159				1930.77526	RS-700	-0.03594398
447	9/4/2019 6:53:55		-122.363	37.7159				1512.15537	RS-700	-2.11863
448	9/4/2019 6:53:56		-122.363	37.7159				1904.50198	RS-700	-0.166656816
449	9/4/2019 6:53:57		-122.363	37.7159				2011.60298	RS-700	0.36618398
450	9/4/2019 6:53:58		-122.363	37.7159				2075.73408	RS-700	0.685244179
451	9/4/2019 6:53:59		-122.363	37.7159				2055.04844	RS-700	0.582330547
452	9/4/2019 6:54:00		-122.363	37.7159				2053.63769	RS-700	0.575311891
453	9/4/2019 6:54:01		-122.363	37.7159				1962.78439	RS-700	0.123305423
454	9/4/2019 6:54:02		-122.363	37.7159				1983.90084	RS-700	0.228362388
455	9/4/2019 6:54:03		-122.363	37.7159				2005.60055	RS-700	0.336321144
456	9/4/2019 6:54:04		-122.363	37.7159				2045.93649	RS-700	0.536997463
457	9/4/2019 6:54:05		-122.363	37.7159				2018.71756	RS-700	0.4015799
458	9/4/2019 6:54:06		-122.363	37.7159				2000.40704	RS-700	0.310482786
459	9/4/2019 6:54:07		-122.363	37.7159				1956.30368	RS-700	0.091063085
460	9/4/2019 6:54:08		-122.363	37.7159				1886.04413	RS-700	-0.258486915
461	9/4/2019 6:54:09		-122.363	37.7159				1976.50197	RS-700	0.19155209
462	9/4/2019 6:54:10		-122.363	37.7159				1982.30717	RS-700	0.220433682
463	9/4/2019 6:54:11		-122.363	37.7159				1968.9897	RS-700	0.154177612
464	9/4/2019 6:54:12		-122.363	37.7159				1937.68418	RS-700	-0.001571244
465	9/4/2019 6:54:13		-122.363	37.7159				1928.6858	RS-700	-0.046339303
466	9/4/2019 6:54:14		-122.363	37.7159				1963.49823	RS-700	0.126856866
467	9/4/2019 6:54:15		-122.363	37.7159				1864.56798	RS-700	-0.365333433
468	9/4/2019 6:54:16		-122.363	37.7159				2021.50933	RS-700	0.415469303
469	9/4/2019 6:54:17		-122.363	37.7159				1789.46729	RS-700	-0.738968706
470	9/4/2019 6:54:18		-122.363	37.7158				1858.74933	RS-700	-0.39428194
471	9/4/2019 6:54:19		-122.363	37.7158				1768.36904	RS-700	-0.843935124
472	9/4/2019 6:54:20		-122.363	37.7158				1850.18909	RS-700	-0.436870199
473	9/4/2019 6:54:21		-122.363	37.7158				1797.36542	RS-700	-0.699674527
474	9/4/2019 6:54:22		-122.362	37.7158				1775.74233	RS-700	-0.80725209
475	9/4/2019 6:54:23		-122.362	37.7158				1809.9058	RS-700	-0.637284577
476	9/4/2019 6:54:24		-122.362	37.7158				1750.62277	RS-700	-0.932225025
477	9/4/2019 6:54:25		-122.362	37.7158				1786.71985	RS-700	-0.752637562
478	9/4/2019 6:54:26		-122.362	37.7158				1687.09058	RS-700	-1.248305572
479	9/4/2019 6:54:27		-122.362	37.7158				1722.78447	RS-700	-1.07072403
480	9/4/2019 6:54:28		-122.362	37.7158				1800.63513	RS-700	-0.683407313
481	9/4/2019 6:54:29		-122.362	37.7158				1764.35883	RS-700	-0.863886418
482	9/4/2019 6:54:30		-122.362	37.7158				1643.421	RS-700	-1.465567164
483	9/4/2019 6:54:31		-122.362	37.7158				1769.98199	RS-700	-0.835910498
484	9/4/2019 6:54:32		-122.362	37.7158				1800.54718	RS-700	-0.683844876
485	9/4/2019 6:54:33		-122.362	37.7158				1880.46983	RS-700	-0.286219751
486	9/4/2019 6:54:34		-122.362	37.7158				1847.84085	RS-700	-0.448552985
487	9/4/2019 6:54:35		-122.362	37.7158				1752.53055	RS-700	-0.922733582

Gamma Scan Survey Results
Survey Unit 5 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
488	9/4/2019 6:54:36		-122.362	37.7158				1908.48316	RS-700	-0.14684995
489	9/4/2019 6:54:37		-122.362	37.7158				1948.99378	RS-700	0.054695423
490	9/4/2019 6:54:38		-122.362	37.7158				2056.26765	RS-700	0.588396269
491	9/4/2019 6:54:39		-122.362	37.7158				2004.61038	RS-700	0.331394925
492	9/4/2019 6:54:40		-122.362	37.7158				2041.81377	RS-700	0.516486418
493	9/4/2019 6:54:41		-122.362	37.7158				2003.60626	RS-700	0.326399303
494	9/4/2019 6:54:42		-122.362	37.7158				1976.52161	RS-700	0.191649801
495	9/4/2019 6:54:43		-122.362	37.7158				1920.96602	RS-700	-0.084746169
496	9/4/2019 6:54:44		-122.362	37.7158				1949.58757	RS-700	0.057649602
497	9/4/2019 6:54:45		-122.362	37.7158				1987.00019	RS-700	0.24378204
498	9/4/2019 6:54:46		-122.362	37.7158				2012.512	RS-700	0.370706468
499	9/4/2019 6:54:47		-122.362	37.7158				2047.93028	RS-700	0.546916816
500	9/4/2019 6:54:48		-122.362	37.7158				2079.31147	RS-700	0.703042139
501	9/4/2019 6:54:49		-122.362	37.7158				2110.38139	RS-700	0.857618856
502	9/4/2019 6:54:50		-122.362	37.7158				2193.44614	RS-700	1.270876318
503	9/4/2019 6:54:51		-122.362	37.7158				2126.74664	RS-700	0.93903801
504	9/4/2019 6:54:52		-122.362	37.7158				2100.0648	RS-700	0.806292537
505	9/4/2019 6:54:53		-122.362	37.7158				2035.03963	RS-700	0.482784229
506	9/4/2019 6:54:54		-122.362	37.7158				1957.59349	RS-700	0.09748005
507	9/4/2019 6:54:55		-122.362	37.7158				1877.95032	RS-700	-0.298754627
508	9/4/2019 6:54:56		-122.362	37.7158				1738.70117	RS-700	-0.991536468
509	9/4/2019 6:54:57		-122.362	37.7158				1277.24592	RS-700	-3.287333731
510	9/4/2019 6:54:58		-122.362	37.7158				1302.32601	RS-700	-3.162557164
511	9/4/2019 6:54:59		-122.362	37.7158				1317.29169	RS-700	-3.088101045
512	9/4/2019 6:55:00		-122.362	37.7158				1275.33317	RS-700	-3.296849901
513	9/4/2019 6:55:01		-122.362	37.7157				1293.33508	RS-700	-3.207288159
514	9/4/2019 6:55:02		-122.362	37.7157				1298.26359	RS-700	-3.182768209
515	9/4/2019 6:55:03		-122.362	37.7157				1462.42537	RS-700	-2.366042935
516	9/4/2019 6:55:04		-122.362	37.7157				1705.87139	RS-700	-1.154868706
517	9/4/2019 6:55:05		-122.362	37.7157				1951.80074	RS-700	0.068660398
518	9/4/2019 6:55:06		-122.362	37.7157				1931.58726	RS-700	-0.031904179
519	9/4/2019 6:55:07		-122.362	37.7157				1918.97634	RS-700	-0.094645075
520	9/4/2019 6:55:08		-122.362	37.7157				1934.48259	RS-700	-0.017499552
521	9/4/2019 6:55:09		-122.362	37.7157				1853.82574	RS-700	-0.418777413
522	9/4/2019 6:55:10		-122.362	37.7157				1951.98077	RS-700	0.06955607
523	9/4/2019 6:55:11		-122.362	37.7157				2091.42542	RS-700	0.763310547
524	9/4/2019 6:55:12		-122.362	37.7157				2129.86359	RS-700	0.954545224
525	9/4/2019 6:55:13		-122.362	37.7157				2124.07613	RS-700	0.925751891
526	9/4/2019 6:55:14		-122.362	37.7157				2192.10549	RS-700	1.264206418
527	9/4/2019 6:55:15		-122.362	37.7157				2112.95632	RS-700	0.870429453
528	9/4/2019 6:55:16		-122.362	37.7157				2193.77966	RS-700	1.272535622
529	9/4/2019 6:55:17		-122.362	37.7157				2165.08907	RS-700	1.129796368
530	9/4/2019 6:55:18		-122.362	37.7157				2141.08361	RS-700	1.010366219
531	9/4/2019 6:55:19		-122.362	37.7157				2049.72031	RS-700	0.555822438
532	9/4/2019 6:55:20		-122.362	37.7157				2052.02857	RS-700	0.567306318
533	9/4/2019 6:55:21		-122.362	37.7157				1919.87149	RS-700	-0.090191592
534	9/4/2019 6:55:22		-122.362	37.7157				2074.73469	RS-700	0.68027209
535	9/4/2019 6:55:23		-122.362	37.7157				1999.00559	RS-700	0.303510398
536	9/4/2019 6:55:24		-122.362	37.7157				2039.5146	RS-700	0.505047761
537	9/4/2019 6:55:25		-122.362	37.7157				2161.54363	RS-700	1.112157363
538	9/4/2019 6:55:26		-122.362	37.7157				2126.97485	RS-700	0.940173383
539	9/4/2019 6:55:27		-122.362	37.7157				2133.07472	RS-700	0.970520995
540	9/4/2019 6:55:28		-122.362	37.7157				2085.52547	RS-700	0.733957562
541	9/4/2019 6:55:29		-122.362	37.7157				2009.70899	RS-700	0.356761144
542	9/4/2019 6:55:30		-122.362	37.7157				1938.57708	RS-700	0.002871045
543	9/4/2019 6:55:31		-122.362	37.7157				1914.96494	RS-700	-0.114602289
544	9/4/2019 6:55:32		-122.362	37.7157				2061.83381	RS-700	0.616088607
545	9/4/2019 6:55:33		-122.362	37.7157				1995.01188	RS-700	0.283641194
546	9/4/2019 6:55:34		-122.362	37.7157				1880.67117	RS-700	-0.28521806
547	9/4/2019 6:55:35		-122.362	37.7157				1956.69312	RS-700	0.093000597
548	9/4/2019 6:55:36		-122.362	37.7157				1899.59692	RS-700	-0.1910601

Gamma Scan Survey Results
Survey Unit 5 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
549	9/4/2019 6:55:37		-122.362	37.7157				1929.67915	RS-700	-0.041397264
550	9/4/2019 6:55:38		-122.362	37.7157				1872.47219	RS-700	-0.326009005
551	9/4/2019 6:55:39		-122.362	37.7157				1917.29785	RS-700	-0.102995771
552	9/4/2019 6:55:40		-122.362	37.7157				2061.44408	RS-700	0.614149652
553	9/4/2019 6:55:41		-122.362	37.7157				2104.52778	RS-700	0.828496418
554	9/4/2019 6:55:42		-122.362	37.7157				2065.83427	RS-700	0.635991393
555	9/4/2019 6:55:43		-122.362	37.7157				2066.42088	RS-700	0.638909851
556	9/4/2019 6:55:44		-122.362	37.7157				2072.52472	RS-700	0.669277214
557	9/4/2019 6:55:45		-122.362	37.7157				2063.31724	RS-700	0.623468856
558	9/4/2019 6:55:46		-122.362	37.7157				1899.2989	RS-700	-0.192542786
559	9/4/2019 6:55:47		-122.362	37.7157				1787.64149	RS-700	-0.748052289
560	9/4/2019 6:55:48		-122.362	37.7157				2188.32614	RS-700	1.245403682
561	9/4/2019 6:55:49		-122.362	37.7157				2225.67801	RS-700	1.431233881
562	9/4/2019 6:55:50		-122.362	37.7157				2258.6758	RS-700	1.59540199
563	9/4/2019 6:55:51		-122.362	37.7157				2291.92606	RS-700	1.760826169
564	9/4/2019 6:55:52		-122.362	37.7157				2327.1773	RS-700	1.936205473
565	9/4/2019 6:55:53		-122.362	37.7157				2365.52748	RS-700	2.127002388
566	9/4/2019 6:55:54		-122.362	37.7157				2427.07525	RS-700	2.433210199
567	9/4/2019 6:55:55		-122.362	37.7156				2446.23174	RS-700	2.528516119
568	9/4/2019 6:55:56		-122.362	37.7156				2349.59928	RS-700	2.047757612
569	9/4/2019 6:55:57		-122.362	37.7156				2348.88643	RS-700	2.044211095
570	9/4/2019 6:55:58		-122.362	37.7156				2357.49586	RS-700	2.08704408
571	9/4/2019 6:55:59		-122.362	37.7156				2413.75613	RS-700	2.36694592
572	9/4/2019 6:56:00		-122.362	37.7156				2324.29103	RS-700	1.92184592
573	9/4/2019 6:56:01		-122.362	37.7156				2383.43993	RS-700	2.216119055
574	9/4/2019 6:56:02		-122.362	37.7156				2274.34867	RS-700	1.673376468
575	9/4/2019 6:56:03		-122.362	37.7156				2241.23776	RS-700	1.508645572
576	9/4/2019 6:56:04		-122.362	37.7156				2300.70244	RS-700	1.804489751
577	9/4/2019 6:56:05		-122.362	37.7156				2221.02535	RS-700	1.408086318
578	9/4/2019 6:56:06		-122.362	37.7156				2184.99146	RS-700	1.228813234
579	9/4/2019 6:56:07		-122.362	37.7156				2159.65145	RS-700	1.102743532
580	9/4/2019 6:56:08		-122.362	37.7156				2118.27872	RS-700	0.896909055
581	9/4/2019 6:56:09		-122.362	37.7156				2183.54207	RS-700	1.221602338
582	9/4/2019 6:56:10		-122.362	37.7156				2154.29989	RS-700	1.076118856
583	9/4/2019 6:56:11		-122.362	37.7156				2176.88891	RS-700	1.18850204
584	9/4/2019 6:56:12		-122.362	37.7156				2123.5494	RS-700	0.923131343
585	9/4/2019 6:56:13		-122.362	37.7156				2068.83806	RS-700	0.650935622
586	9/4/2019 6:56:14		-122.362	37.7156				2103.42838	RS-700	0.823026766
587	9/4/2019 6:56:15		-122.362	37.7156				2082.41816	RS-700	0.718498308
588	9/4/2019 6:56:16		-122.362	37.7156				2045.03656	RS-700	0.532520199
589	9/4/2019 6:56:17		-122.362	37.7156				2105.0374	RS-700	0.831031841
590	9/4/2019 6:56:18		-122.362	37.7156				2041.65045	RS-700	0.515673881
591	9/4/2019 6:56:19		-122.362	37.7156				1936.39439	RS-700	-0.007988109
592	9/4/2019 6:56:20		-122.362	37.7156				2009.7086	RS-700	0.356759204
593	9/4/2019 6:56:21		-122.362	37.7156				2001.40577	RS-700	0.315451592
594	9/4/2019 6:56:22		-122.362	37.7156				1954.18572	RS-700	0.08052597
595	9/4/2019 6:56:23		-122.362	37.7156				1970.79433	RS-700	0.163155871
596	9/4/2019 6:56:24		-122.362	37.7156				1927.68562	RS-700	-0.051315323
597	9/4/2019 6:56:25		-122.362	37.7156				1862.08347	RS-700	-0.377694179
598	9/4/2019 6:56:26		-122.362	37.7156				1932.4971	RS-700	-0.027377612
599	9/4/2019 6:56:27		-122.362	37.7156				1854.57316	RS-700	-0.415058905
600	9/4/2019 6:56:28		-122.362	37.7156				1934.58786	RS-700	-0.016975821
601	9/4/2019 6:56:29		-122.362	37.7156				1862.47475	RS-700	-0.375747512
602	9/4/2019 6:56:30		-122.362	37.7156				1887.6635	RS-700	-0.250430348
603	9/4/2019 6:56:31		-122.362	37.7156				1902.6696	RS-700	-0.175773134
604	9/4/2019 6:56:32		-122.362	37.7156				1873.86046	RS-700	-0.319102189
605	9/4/2019 6:56:33		-122.362	37.7155				1938.68789	RS-700	0.003422338
606	9/4/2019 6:56:34		-122.362	37.7155				1943.58353	RS-700	0.027778756
607	9/4/2019 6:56:35		-122.362	37.7155				2029.41265	RS-700	0.454789303
608	9/4/2019 6:56:36		-122.362	37.7155				1895.96243	RS-700	-0.209142139
609	9/4/2019 6:56:37		-122.362	37.7155				1881.47856	RS-700	-0.281201194

Gamma Scan Survey Results
Survey Unit 5 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
610	9/4/2019 6:56:38		-122.362	37.7155				1563.63417	RS-700	-1.862516567
611	9/4/2019 6:56:39		-122.362	37.7155				1825.73561	RS-700	-0.558529303
612	9/4/2019 6:56:40		-122.362	37.7155				1910.38955	RS-700	-0.137365423
613	9/4/2019 6:56:41		-122.362	37.7155				1969.89712	RS-700	0.158692139
614	9/4/2019 6:56:42		-122.362	37.7155				2002.62064	RS-700	0.321495721
615	9/4/2019 6:56:43		-122.362	37.7155				1989.89542	RS-700	0.258186169
616	9/4/2019 6:56:44		-122.362	37.7155				2028.52918	RS-700	0.45039393
617	9/4/2019 6:56:45		-122.362	37.7155				1950.59495	RS-700	0.062661443
618	9/4/2019 6:56:46		-122.362	37.7155				1965.99223	RS-700	0.139264826
619	9/4/2019 6:56:47		-122.362	37.7155				1963.69769	RS-700	0.127849204
620	9/4/2019 6:56:48		-122.362	37.7155				1982.61443	RS-700	0.221962338
621	9/4/2019 6:56:49		-122.362	37.7155				1960.49681	RS-700	0.111924428
622	9/4/2019 6:56:50		-122.362	37.7155				1983.79597	RS-700	0.227840647
623	9/4/2019 6:56:51		-122.362	37.7155				2067.83834	RS-700	0.645961891
624	9/4/2019 6:56:52		-122.362	37.7155				1934.59013	RS-700	-0.016964527
625	9/4/2019 6:56:53		-122.362	37.7155				1992.90233	RS-700	0.27314592
626	9/4/2019 6:56:54		-122.362	37.7155				1958.48901	RS-700	0.101935373
627	9/4/2019 6:56:55		-122.362	37.7155				1936.9739	RS-700	-0.005104975
628	9/4/2019 6:56:56		-122.362	37.7155				1928.59251	RS-700	-0.046803433
629	9/4/2019 6:56:57		-122.362	37.7155				2045.03762	RS-700	0.532525473
630	9/4/2019 6:56:58		-122.362	37.7155				1892.47634	RS-700	-0.226485871
631	9/4/2019 6:56:59		-122.362	37.7155				1659.44445	RS-700	-1.385848507
632	9/4/2019 6:57:00		-122.362	37.7155				1579.67674	RS-700	-1.782702786
633	9/4/2019 6:57:01		-122.362	37.7155				1874.38759	RS-700	-0.316479652
634	9/4/2019 6:57:02		-122.362	37.7155				1913.77512	RS-700	-0.120521791
635	9/4/2019 6:57:03		-122.362	37.7155				1867.74919	RS-700	-0.349506517
636	9/4/2019 6:57:04		-122.362	37.7155				1550.56103	RS-700	-1.927557065
637	9/4/2019 6:57:05		-122.362	37.7155				1431.73776	RS-700	-2.518717612
638	9/4/2019 6:57:06		-122.362	37.7155				1303.47178	RS-700	-3.156856816
639	9/4/2019 6:57:07		-122.362	37.7155				1287.25997	RS-700	-3.237512587
640	9/4/2019 6:57:08		-122.362	37.7155				1317.37727	RS-700	-3.087675274
641	9/4/2019 6:57:09		-122.362	37.7155				1317.34649	RS-700	-3.087828408
642	9/4/2019 6:57:10		-122.362	37.7155				1352.62368	RS-700	-2.91232
643	9/4/2019 6:57:11		-122.362	37.7155				1367.42017	RS-700	-2.838705622
644	9/4/2019 6:57:12		-122.362	37.7155				1557.1865	RS-700	-1.894594527
645	9/4/2019 6:57:13		-122.362	37.7155				1724.71638	RS-700	-1.061112537
646	9/4/2019 6:57:14		-122.362	37.7155				1809.73097	RS-700	-0.638154378
647	9/4/2019 6:57:15		-122.362	37.7155				1951.50111	RS-700	0.067169701
648	9/4/2019 6:57:16		-122.362	37.7155				1903.85859	RS-700	-0.169857761
649	9/4/2019 6:57:17		-122.362	37.7155				1619.83017	RS-700	-1.582934478
650	9/4/2019 6:57:18		-122.362	37.7154				1312.3062	RS-700	-3.112904478
651	9/4/2019 6:57:19		-122.362	37.7154				1477.62009	RS-700	-2.290447313
652	9/4/2019 6:57:20		-122.362	37.7154				1860.6596	RS-700	-0.384778109
653	9/4/2019 6:57:21		-122.362	37.7154				2014.60266	RS-700	0.381107761
654	9/4/2019 6:57:22		-122.362	37.7154				2012.80527	RS-700	0.372165522
655	9/4/2019 6:57:23		-122.362	37.7154				2052.72538	RS-700	0.570773035
656	9/4/2019 6:57:24		-122.362	37.7154				1933.25438	RS-700	-0.02361005
657	9/4/2019 6:57:25		-122.362	37.7154				1944.19278	RS-700	0.030809851
658	9/4/2019 6:57:26		-122.362	37.7154				1958.80942	RS-700	0.103529453
659	9/4/2019 6:57:27		-122.362	37.7154				1935.1788	RS-700	-0.014035821
660	9/4/2019 6:57:28		-122.362	37.7154				1986.02053	RS-700	0.238908109
661	9/4/2019 6:57:29		-122.362	37.7154				1936.07582	RS-700	-0.009573035
662	9/4/2019 6:57:30		-122.362	37.7154				1981.80922	RS-700	0.217956318
663	9/4/2019 6:57:31		-122.362	37.7154				2001.82576	RS-700	0.317541095
664	9/4/2019 6:57:32		-122.362	37.7154				1974.69832	RS-700	0.182578706
665	9/4/2019 6:57:33		-122.362	37.7154				1957.70199	RS-700	0.098019851
666	9/4/2019 6:57:34		-122.362	37.7154				2043.82563	RS-700	0.526495672
667	9/4/2019 6:57:35		-122.362	37.7154				2010.61267	RS-700	0.361257065
668	9/4/2019 6:57:36		-122.362	37.7154				2028.02745	RS-700	0.447897761
669	9/4/2019 6:57:37		-122.362	37.7154				2066.61219	RS-700	0.639861642
670	9/4/2019 6:57:38		-122.362	37.7154				1980.8965	RS-700	0.213415423

Gamma Scan Survey Results
Survey Unit 5 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
671	9/4/2019 6:57:39		-122.362	37.7154				1938.67409	RS-700	0.003353682
672	9/4/2019 6:57:40		-122.362	37.7154				2005.71695	RS-700	0.336900249
673	9/4/2019 6:57:41		-122.362	37.7154				1926.76148	RS-700	-0.055913035
674	9/4/2019 6:57:42		-122.362	37.7154				1955.07823	RS-700	0.084966318
675	9/4/2019 6:57:43		-122.362	37.7154				2050.02896	RS-700	0.55735801
676	9/4/2019 6:57:44		-122.362	37.7154				2064.72946	RS-700	0.630494826
677	9/4/2019 6:57:45		-122.362	37.7154				1967.40189	RS-700	0.14627806
678	9/4/2019 6:57:46		-122.362	37.7154				2005.91417	RS-700	0.337881443
679	9/4/2019 6:57:47		-122.362	37.7154				2031.61523	RS-700	0.465747413
680	9/4/2019 6:57:48		-122.362	37.7154				1971.60747	RS-700	0.167201343
681	9/4/2019 6:57:49		-122.362	37.7154				1914.57697	RS-700	-0.116532488
682	9/4/2019 6:57:50		-122.362	37.7154				1911.6744	RS-700	-0.130973134
683	9/4/2019 6:57:51		-122.362	37.7154				1901.69258	RS-700	-0.18063393
684	9/4/2019 6:57:52		-122.362	37.7154				1915.96552	RS-700	-0.109624279
685	9/4/2019 6:57:53		-122.362	37.7154				1854.7486	RS-700	-0.41418607
686	9/4/2019 6:57:54		-122.362	37.7154				1917.67904	RS-700	-0.101099303
687	9/4/2019 6:57:55		-122.362	37.7154				1942.78621	RS-700	0.02381199
688	9/4/2019 6:57:56		-122.362	37.7154				1924.77518	RS-700	-0.065795124
689	9/4/2019 6:57:57		-122.362	37.7154				1853.84311	RS-700	-0.418690995
690	9/4/2019 6:57:58		-122.362	37.7154				1854.46802	RS-700	-0.41558199
691	9/4/2019 6:57:59		-122.362	37.7154				1883.86744	RS-700	-0.269316219
692	9/4/2019 6:58:00		-122.362	37.7154				1954.00603	RS-700	0.07963199
693	9/4/2019 6:58:01		-122.362	37.7154				1889.85732	RS-700	-0.239515821
694	9/4/2019 6:58:02		-122.362	37.7154				1902.48646	RS-700	-0.176684279
695	9/4/2019 6:58:03		-122.362	37.7154				1847.56403	RS-700	-0.449930199
696	9/4/2019 6:58:04		-122.362	37.7154				1989.50169	RS-700	0.256227313
697	9/4/2019 6:58:05		-122.362	37.7154				1894.38176	RS-700	-0.217006169
698	9/4/2019 6:58:06		-122.362	37.7154				1964.81042	RS-700	0.133385174
699	9/4/2019 6:58:07		-122.362	37.7154				1867.56646	RS-700	-0.350415622
700	9/4/2019 6:58:08		-122.362	37.7154				1866.66332	RS-700	-0.354908856
701	9/4/2019 6:58:09		-122.362	37.7154				1848.37619	RS-700	-0.445889602
702	9/4/2019 6:58:10		-122.362	37.7154				1925.4901	RS-700	-0.062238308
703	9/4/2019 6:58:11		-122.362	37.7153				1978.98506	RS-700	0.203905771
704	9/4/2019 6:58:12		-122.362	37.7153				1904.29125	RS-700	-0.167705224
705	9/4/2019 6:58:13		-122.362	37.7153				1987.01024	RS-700	0.24383204
706	9/4/2019 6:58:14		-122.362	37.7153				1999.70636	RS-700	0.306996816
707	9/4/2019 6:58:15		-122.362	37.7153				1977.69567	RS-700	0.197490896
708	9/4/2019 6:58:16		-122.362	37.7153				2001.50834	RS-700	0.315961891
709	9/4/2019 6:58:17		-122.362	37.7153				2057.62529	RS-700	0.595150697
710	9/4/2019 6:58:18		-122.362	37.7153				1962.6954	RS-700	0.122862687
711	9/4/2019 6:58:19		-122.362	37.7153				2074.93509	RS-700	0.681269104
712	9/4/2019 6:58:20		-122.362	37.7153				1817.55218	RS-700	-0.599242886
713	9/4/2019 6:58:21		-122.362	37.7153				1890.66705	RS-700	-0.235487313
714	9/4/2019 6:58:22		-122.362	37.7153				1887.3936	RS-700	-0.251773134
715	9/4/2019 6:58:23		-122.362	37.7153				1905.67403	RS-700	-0.160825721
716	9/4/2019 6:58:24		-122.362	37.7153				1893.65992	RS-700	-0.220597413
717	9/4/2019 6:58:25		-122.362	37.7153				1873.66249	RS-700	-0.320087114
718	9/4/2019 6:58:26		-122.362	37.7153				1925.68303	RS-700	-0.061278458
719	9/4/2019 6:58:27		-122.362	37.7153				1859.66015	RS-700	-0.389750498
720	9/4/2019 6:58:28		-122.362	37.7153				1896.77064	RS-700	-0.205121194
721	9/4/2019 6:58:29		-122.362	37.7153				1858.84612	RS-700	-0.393800398
722	9/4/2019 6:58:30		-122.362	37.7153				1776.54331	RS-700	-0.803267114
723	9/4/2019 6:58:31		-122.362	37.7153				1887.56887	RS-700	-0.250901144
724	9/4/2019 6:58:32		-122.362	37.7153				1739.3536	RS-700	-0.988290547
725	9/4/2019 6:58:33		-122.362	37.7153				1880.4753	RS-700	-0.286192537
726	9/4/2019 6:58:34		-122.362	37.7153				1911.58439	RS-700	-0.131420945
727	9/4/2019 6:58:35		-122.362	37.7153				1859.74873	RS-700	-0.389309801
728	9/4/2019 6:58:36		-122.362	37.7153				1950.18004	RS-700	0.060597214
729	9/4/2019 6:58:37		-122.362	37.7153				1846.26738	RS-700	-0.456381194
730	9/4/2019 6:58:38		-122.362	37.7153				1858.56611	RS-700	-0.395193483
731	9/4/2019 6:58:39		-122.362	37.7153				1850.37128	RS-700	-0.435963781

Gamma Scan Survey Results
Survey Unit 5 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
732	9/4/2019 6:58:40		-122.362	37.7153				1905.19723	RS-700	-0.163197861
733	9/4/2019 6:58:41		-122.362	37.7153				1850.74561	RS-700	-0.434101443
734	9/4/2019 6:58:42		-122.362	37.7153				1878.40345	RS-700	-0.296500249
735	9/4/2019 6:58:43		-122.362	37.7153				1907.77412	RS-700	-0.150377512
736	9/4/2019 6:58:44		-122.362	37.7153				1893.76923	RS-700	-0.220053582
737	9/4/2019 6:58:45		-122.362	37.7153				1904.66868	RS-700	-0.165827463
738	9/4/2019 6:58:46		-122.362	37.7153				1950.49657	RS-700	0.06217199
739	9/4/2019 6:58:47		-122.362	37.7153				1860.65266	RS-700	-0.384812637
740	9/4/2019 6:58:48		-122.362	37.7153				1865.03246	RS-700	-0.363022587
741	9/4/2019 6:58:49		-122.362	37.7153				1861.03009	RS-700	-0.382934876
742	9/4/2019 6:58:50		-122.361	37.7153				1881.28596	RS-700	-0.282159403
743	9/4/2019 6:58:51		-122.361	37.7152				1883.5686	RS-700	-0.270802985
744	9/4/2019 6:58:52		-122.361	37.7152				1893.04519	RS-700	-0.223655771
745	9/4/2019 6:58:53		-122.361	37.7152				1838.27251	RS-700	-0.496156667
746	9/4/2019 6:58:54		-122.361	37.7152				1830.65106	RS-700	-0.534074328
747	9/4/2019 6:58:55		-122.361	37.7152				1832.96123	RS-700	-0.522580945
748	9/4/2019 6:58:56		-122.361	37.7152				1823.36636	RS-700	-0.570316617
749	9/4/2019 6:58:57		-122.361	37.7152				1886.75677	RS-700	-0.254941443
750	9/4/2019 6:58:58		-122.361	37.7152				1831.65241	RS-700	-0.529092488
751	9/4/2019 6:58:59		-122.361	37.7152				1721.61173	RS-700	-1.076558557
752	9/4/2019 6:59:00		-122.361	37.7152				1823.46048	RS-700	-0.569848358
753	9/4/2019 6:59:01		-122.361	37.7152				1792.63258	RS-700	-0.723220995
754	9/4/2019 6:59:02		-122.361	37.7152				1760.45406	RS-700	-0.883313134
755	9/4/2019 6:59:03		-122.361	37.7152				1815.82183	RS-700	-0.607851592
756	9/4/2019 6:59:04		-122.361	37.7152				1638.61546	RS-700	-1.489475323
757	9/4/2019 6:59:05		-122.361	37.7152				1431.14511	RS-700	-2.521666119
758	9/4/2019 6:59:06		-122.361	37.7152				1646.16114	RS-700	-1.451934627
759	9/4/2019 6:59:07		-122.361	37.7152				1740.69895	RS-700	-0.981597264
760	9/4/2019 6:59:08		-122.361	37.7152				1745.44179	RS-700	-0.958001045
761	9/4/2019 6:59:09		-122.361	37.7152				1767.62096	RS-700	-0.847656915
762	9/4/2019 6:59:10		-122.361	37.7152				1829.92712	RS-700	-0.53767602
763	9/4/2019 6:59:11		-122.361	37.7152				1846.6495	RS-700	-0.4544801
764	9/4/2019 6:59:12		-122.361	37.7152				1922.57978	RS-700	-0.076717512
765	9/4/2019 6:59:13		-122.361	37.7152				1867.74772	RS-700	-0.349513831
766	9/4/2019 6:59:14		-122.361	37.7152				1940.87623	RS-700	0.014309602
767	9/4/2019 6:59:15		-122.361	37.7152				1816.74026	RS-700	-0.603282289
768	9/4/2019 6:59:16		-122.361	37.7152				1543.69221	RS-700	-1.961730299
769	9/4/2019 6:59:17		-122.361	37.7152				1284.37655	RS-700	-3.25185796
770	9/4/2019 6:59:18		-122.361	37.7152				1198.51413	RS-700	-3.679034179
771	9/4/2019 6:59:19		-122.361	37.7152				1217.33231	RS-700	-3.585411393
772	9/4/2019 6:59:20		-122.361	37.7152				1271.25837	RS-700	-3.317122537
773	9/4/2019 6:59:21		-122.361	37.7152				1464.60147	RS-700	-2.355216567
774	9/4/2019 6:59:22		-122.361	37.7152				1819.5413	RS-700	-0.589346766
775	9/4/2019 6:59:23		-122.361	37.7152				1892.2313	RS-700	-0.227704975
776	9/4/2019 6:59:24		-122.361	37.7152				1810.61235	RS-700	-0.633769403
777	9/4/2019 6:59:25		-122.361	37.7152				1732.62145	RS-700	-1.021783831
778	9/4/2019 6:59:26		-122.361	37.7152				1688.26698	RS-700	-1.242452836
779	9/4/2019 6:59:27		-122.361	37.7152				1744.35442	RS-700	-0.963410846
780	9/4/2019 6:59:28		-122.361	37.7151				1707.5141	RS-700	-1.14669602
781	9/4/2019 6:59:29		-122.361	37.7151				1879.75777	RS-700	-0.289762338
782	9/4/2019 6:59:30		-122.361	37.7151				1822.56047	RS-700	-0.57432602
783	9/4/2019 6:59:31		-122.361	37.7151				1795.34982	RS-700	-0.709702388
784	9/4/2019 6:59:32		-122.361	37.7151				1787.36361	RS-700	-0.749434776
785	9/4/2019 6:59:33		-122.361	37.7151				1803.63694	RS-700	-0.668472935
786	9/4/2019 6:59:34		-122.361	37.7151				1875.94068	RS-700	-0.308752836
787	9/4/2019 6:59:35		-122.361	37.7151				1850.84012	RS-700	-0.433631244
788	9/4/2019 6:59:36		-122.361	37.7151				1841.65388	RS-700	-0.47933393
789	9/4/2019 6:59:37		-122.361	37.7151				1957.88899	RS-700	0.098950199
790	9/4/2019 6:59:38		-122.361	37.7151				1971.60073	RS-700	0.167167811
791	9/4/2019 6:59:39		-122.361	37.7151				1924.67657	RS-700	-0.066285721
792	9/4/2019 6:59:40		-122.361	37.7151				2003.71332	RS-700	0.32693194

Gamma Scan Survey Results
Survey Unit 5 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
793	9/4/2019 6:59:41		-122.361	37.7151				2025.71888	RS-700	0.436412338
794	9/4/2019 6:59:42		-122.361	37.7151				1962.58937	RS-700	0.122335174
795	9/4/2019 6:59:43		-122.361	37.7151				1920.96551	RS-700	-0.084748706
796	9/4/2019 6:59:44		-122.361	37.7151				1919.06148	RS-700	-0.094221493
797	9/4/2019 6:59:45		-122.361	37.7151				1870.47203	RS-700	-0.33596005
798	9/4/2019 6:59:46		-122.361	37.7151				1956.69418	RS-700	0.093005871
799	9/4/2019 6:59:47		-122.361	37.7151				1994.51502	RS-700	0.281169254
800	9/4/2019 6:59:48		-122.361	37.7151				1978.80752	RS-700	0.203022488
801	9/4/2019 6:59:49		-122.361	37.7151				1981.89816	RS-700	0.218398806
802	9/4/2019 6:59:50		-122.361	37.7151				2007.01235	RS-700	0.343345025
803	9/4/2019 6:59:51		-122.361	37.7151				1900.05164	RS-700	-0.188797811
804	9/4/2019 6:59:52		-122.361	37.7151				2031.91896	RS-700	0.467258507
805	9/4/2019 6:59:53		-122.361	37.7151				2008.30423	RS-700	0.349772289
806	9/4/2019 6:59:54		-122.361	37.7151				1960.9909	RS-700	0.114382587
807	9/4/2019 6:59:55		-122.361	37.7151				1871.56626	RS-700	-0.330516119
808	9/4/2019 6:59:56		-122.361	37.7151				1918.58541	RS-700	-0.09659
809	9/4/2019 6:59:57		-122.361	37.7151				1933.67431	RS-700	-0.021520846
810	9/4/2019 6:59:58		-122.361	37.7151				1865.06169	RS-700	-0.362877164
811	9/4/2019 6:59:59		-122.361	37.7151				1925.57848	RS-700	-0.061798607
812	9/4/2019 7:00:00		-122.361	37.7151				1907.67674	RS-700	-0.15086199
813	9/4/2019 7:00:01		-122.361	37.7151				1966.59837	RS-700	0.142280448
814	9/4/2019 7:00:02		-122.361	37.7151				1873.66556	RS-700	-0.320071841
815	9/4/2019 7:00:03		-122.361	37.7151				1994.90785	RS-700	0.283123632
816	9/4/2019 7:00:04		-122.361	37.7151				2000.80685	RS-700	0.312471891
817	9/4/2019 7:00:05		-122.361	37.7151				1969.28343	RS-700	0.155638955
818	9/4/2019 7:00:06		-122.361	37.7151				1970.89255	RS-700	0.163644527
819	9/4/2019 7:00:07		-122.361	37.7151				1999.003	RS-700	0.303497512
820	9/4/2019 7:00:08		-122.361	37.7151				1949.4008	RS-700	0.056720398
821	9/4/2019 7:00:09		-122.361	37.7151				1944.08522	RS-700	0.030274726
822	9/4/2019 7:00:10		-122.361	37.7151				1938.97603	RS-700	0.004855871
823	9/4/2019 7:00:11		-122.361	37.7151				1954.87652	RS-700	0.083962786
824	9/4/2019 7:00:12		-122.361	37.7151				1917.28946	RS-700	-0.103037512
825	9/4/2019 7:00:13		-122.361	37.7151				1947.99478	RS-700	0.049725274
826	9/4/2019 7:00:14		-122.361	37.7151				1941.29771	RS-700	0.016406517
827	9/4/2019 7:00:15		-122.361	37.7151				1953.69329	RS-700	0.07807607
828	9/4/2019 7:00:16		-122.361	37.7151				1974.91718	RS-700	0.183667562
829	9/4/2019 7:00:17		-122.361	37.7151				1945.59321	RS-700	0.037777164
830	9/4/2019 7:00:18		-122.361	37.7151				1863.22455	RS-700	-0.372017164
831	9/4/2019 7:00:19		-122.361	37.715				1885.85575	RS-700	-0.259424129
832	9/4/2019 7:00:20		-122.361	37.715				1927.58704	RS-700	-0.051805771
833	9/4/2019 7:00:21		-122.361	37.715				1915.4871	RS-700	-0.112004478
834	9/4/2019 7:00:22		-122.361	37.715				1901.86436	RS-700	-0.179779303
835	9/4/2019 7:00:23		-122.361	37.715				1869.5671	RS-700	-0.340462189
836	9/4/2019 7:00:24		-122.361	37.715				2024.12332	RS-700	0.428474229
837	9/4/2019 7:00:25		-122.361	37.715				2010.01084	RS-700	0.358262886
838	9/4/2019 7:00:26		-122.361	37.715				1918.58412	RS-700	-0.096596418
839	9/4/2019 7:00:27		-122.361	37.715				1992.50002	RS-700	0.271144378
840	9/4/2019 7:00:28		-122.361	37.715				1895.47007	RS-700	-0.211591692
841	9/4/2019 7:00:29		-122.361	37.715				1892.57385	RS-700	-0.226000746
842	9/4/2019 7:00:30		-122.361	37.715				1946.59285	RS-700	0.042750498
843	9/4/2019 7:00:31		-122.361	37.715				1889.57353	RS-700	-0.240927711
844	9/4/2019 7:00:32		-122.361	37.715				1898.05276	RS-700	-0.198742488
845	9/4/2019 7:00:33		-122.361	37.715				1931.49294	RS-700	-0.032373433
846	9/4/2019 7:00:34		-122.361	37.715				1966.78902	RS-700	0.143228955
847	9/4/2019 7:00:35		-122.361	37.715				1945.49445	RS-700	0.037285821
848	9/4/2019 7:00:36		-122.361	37.715				2061.1568	RS-700	0.612720398
849	9/4/2019 7:00:37		-122.361	37.715				2045.41597	RS-700	0.534407811
850	9/4/2019 7:00:38		-122.361	37.715				2006.61061	RS-700	0.341346318
851	9/4/2019 7:00:39		-122.361	37.715				2040.92625	RS-700	0.512070896
852	9/4/2019 7:00:40		-122.361	37.715				1955.5955	RS-700	0.087539801
853	9/4/2019 7:00:41		-122.361	37.715				1903.38461	RS-700	-0.172215871

Gamma Scan Survey Results
Survey Unit 5 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
854	9/4/2019 7:00:42		-122.361	37.715				1944.30089	RS-700	0.031347711
855	9/4/2019 7:00:43		-122.361	37.715				1932.98743	RS-700	-0.024938159
856	9/4/2019 7:00:44		-122.361	37.715				1912.34905	RS-700	-0.127616667
857	9/4/2019 7:00:45		-122.361	37.715				1965.69066	RS-700	0.137764478
858	9/4/2019 7:00:46		-122.361	37.715				1873.85365	RS-700	-0.31913607
859	9/4/2019 7:00:47		-122.361	37.715				1952.87911	RS-700	0.074025423
860	9/4/2019 7:00:48		-122.361	37.715				1920.77154	RS-700	-0.085713731
861	9/4/2019 7:00:49		-122.361	37.715				1927.58625	RS-700	-0.051809701
862	9/4/2019 7:00:50		-122.361	37.715				1828.46193	RS-700	-0.544965522
863	9/4/2019 7:00:51		-122.361	37.715				1965.89098	RS-700	0.138761095
864	9/4/2019 7:00:52		-122.361	37.715				1821.37118	RS-700	-0.580242886
865	9/4/2019 7:00:53		-122.361	37.715				1771.83012	RS-700	-0.826715821
866	9/4/2019 7:00:54		-122.361	37.715				1739.53954	RS-700	-0.987365473
867	9/4/2019 7:00:55		-122.361	37.715				1744.62447	RS-700	-0.962067313
868	9/4/2019 7:00:56		-122.361	37.715				1800.18514	RS-700	-0.68564607
869	9/4/2019 7:00:57		-122.361	37.715				1878.75886	RS-700	-0.29473204
870	9/4/2019 7:00:58		-122.361	37.715				1822.47206	RS-700	-0.574765871
871	9/4/2019 7:00:59		-122.361	37.715				1787.87939	RS-700	-0.746868706
872	9/4/2019 7:01:00		-122.361	37.715				1807.46736	RS-700	-0.649416119
873	9/4/2019 7:01:01		-122.361	37.715				1812.82779	RS-700	-0.622747313
874	9/4/2019 7:01:02		-122.361	37.715				1738.60703	RS-700	-0.992004826
875	9/4/2019 7:01:03		-122.361	37.715				1791.72358	RS-700	-0.727743383
876	9/4/2019 7:01:04		-122.361	37.715				1759.54123	RS-700	-0.887854577
877	9/4/2019 7:01:05		-122.361	37.715				1623.41171	RS-700	-1.565115871
878	9/4/2019 7:01:06		-122.361	37.715				1321.5347	RS-700	-3.066991542
879	9/4/2019 7:01:07		-122.361	37.715				1145.28835	RS-700	-3.943839055
880	9/4/2019 7:01:08		-122.361	37.715				993.25166	RS-700	-4.700240498
881	9/4/2019 7:01:09		-122.361	37.715				1058.2188	RS-700	-4.377020896
882	9/4/2019 7:01:10		-122.361	37.715				1227.25503	RS-700	-3.536044627
883	9/4/2019 7:01:11		-122.361	37.715				1564.40329	RS-700	-1.8586901
884	9/4/2019 7:01:12		-122.361	37.7149				1705.85173	RS-700	-1.154966517
885	9/4/2019 7:01:13		-122.361	37.7149				1734.18592	RS-700	-1.014000398
886	9/4/2019 7:01:14		-122.361	37.7149				1884.66722	RS-700	-0.265337214
887	9/4/2019 7:01:15		-122.361	37.7149				1839.93059	RS-700	-0.487907512
888	9/4/2019 7:01:16		-122.361	37.7149				1838.92642	RS-700	-0.492903383
889	9/4/2019 7:01:17		-122.361	37.7149				1798.4614	RS-700	-0.694221891
890	9/4/2019 7:01:18		-122.361	37.7149				1922.50737	RS-700	-0.077077761
891	9/4/2019 7:01:19		-122.361	37.7149				1871.96594	RS-700	-0.328527662
892	9/4/2019 7:01:20		-122.361	37.7149				1890.85526	RS-700	-0.234550945
893	9/4/2019 7:01:21		-122.361	37.7149				1918.39356	RS-700	-0.097544478
894	9/4/2019 7:01:22		-122.361	37.7149				1880.38225	RS-700	-0.286655473
895	9/4/2019 7:01:23		-122.361	37.7149				1941.98212	RS-700	0.019811542
896	9/4/2019 7:01:24		-122.361	37.7149				1909.97197	RS-700	-0.139442935
897	9/4/2019 7:01:25		-122.361	37.7149				1937.58712	RS-700	-0.002054129
898	9/4/2019 7:01:26		-122.361	37.7149				1950.79418	RS-700	0.063652637
899	9/4/2019 7:01:27		-122.361	37.7149				1882.95472	RS-700	-0.273857114
900	9/4/2019 7:01:28		-122.361	37.7149				1829.46258	RS-700	-0.539987164
901	9/4/2019 7:01:29		-122.361	37.7149				1830.65017	RS-700	-0.534078756
902	9/4/2019 7:01:30		-122.361	37.7149				1986.60714	RS-700	0.241826567
903	9/4/2019 7:01:31		-122.361	37.7149				1845.37301	RS-700	-0.460830796
904	9/4/2019 7:01:32		-122.361	37.7149				1905.19487	RS-700	-0.163209602
905	9/4/2019 7:01:33		-122.361	37.7149				1960.08495	RS-700	0.109875373
906	9/4/2019 7:01:34		-122.361	37.7149				1895.48247	RS-700	-0.21153
907	9/4/2019 7:01:35		-122.361	37.7149				1957.27813	RS-700	0.095911095
908	9/4/2019 7:01:36		-122.361	37.7149				1878.19453	RS-700	-0.297539652
909	9/4/2019 7:01:37		-122.361	37.7149				1926.06756	RS-700	-0.059365373
910	9/4/2019 7:01:38		-122.361	37.7149				1901.58304	RS-700	-0.181178905
911	9/4/2019 7:01:39		-122.361	37.7149				1839.47047	RS-700	-0.490196667
912	9/4/2019 7:01:40		-122.361	37.7149				1502.36837	RS-700	-2.167321542
913	9/4/2019 7:01:41		-122.361	37.7149				1272.47524	RS-700	-3.311068458
914	9/4/2019 7:01:42		-122.361	37.7149				1215.30111	RS-700	-3.595516866

Gamma Scan Survey Results
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SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
915	9/4/2019 7:01:43		-122.361	37.7149				1159.0656	RS-700	-3.875295522
916	9/4/2019 7:01:44		-122.361	37.7149				1191.29866	RS-700	-3.71493204
917	9/4/2019 7:01:45		-122.361	37.7149				1200.3638	RS-700	-3.669831841
918	9/4/2019 7:01:46		-122.361	37.7149				1376.21308	RS-700	-2.794959801
919	9/4/2019 7:01:47		-122.361	37.7149				1817.56053	RS-700	-0.599201343
920	9/4/2019 7:01:48		-122.361	37.7149				1855.28452	RS-700	-0.411519801
921	9/4/2019 7:01:49		-122.361	37.7149				1839.37294	RS-700	-0.490681891
922	9/4/2019 7:01:50		-122.361	37.7149				1788.63033	RS-700	-0.743132687
923	9/4/2019 7:01:51		-122.361	37.7149				1615.65043	RS-700	-1.603729204
924	9/4/2019 7:01:52		-122.361	37.7149				1817.28292	RS-700	-0.600582488
925	9/4/2019 7:01:53		-122.361	37.7149				1878.28806	RS-700	-0.297074328
926	9/4/2019 7:01:54		-122.361	37.7149				1967.50135	RS-700	0.146772886
927	9/4/2019 7:01:55		-122.361	37.7149				1921.34903	RS-700	-0.082840647
928	9/4/2019 7:01:56		-122.361	37.7148				1995.92841	RS-700	0.288201045
929	9/4/2019 7:01:57		-122.361	37.7148				1934.68785	RS-700	-0.016478358
930	9/4/2019 7:01:58		-122.361	37.7148				2040.11567	RS-700	0.508038159
931	9/4/2019 7:01:59		-122.361	37.7148				1976.89812	RS-700	0.193522985
932	9/4/2019 7:02:00		-122.361	37.7148				1951.08158	RS-700	0.065082488
933	9/4/2019 7:02:01		-122.361	37.7148				1986.79734	RS-700	0.242772836
934	9/4/2019 7:02:02		-122.361	37.7148				1944.88931	RS-700	0.034275174
935	9/4/2019 7:02:03		-122.361	37.7148				1995.90601	RS-700	0.288089602
936	9/4/2019 7:02:04		-122.361	37.7148				2001.91236	RS-700	0.31797194
937	9/4/2019 7:02:05		-122.361	37.7148				1962.18402	RS-700	0.120318507
938	9/4/2019 7:02:06		-122.361	37.7148				2054.33922	RS-700	0.57880209
939	9/4/2019 7:02:07		-122.361	37.7148				1961.28605	RS-700	0.115850995
940	9/4/2019 7:02:08		-122.361	37.7148				1932.46476	RS-700	-0.027538507
941	9/4/2019 7:02:09		-122.361	37.7148				2001.20843	RS-700	0.314469801
942	9/4/2019 7:02:10		-122.361	37.7148				1984.80196	RS-700	0.232845572
943	9/4/2019 7:02:11		-122.361	37.7148				1976.40222	RS-700	0.191055821
944	9/4/2019 7:02:12		-122.361	37.7148				1981.74378	RS-700	0.217630746
945	9/4/2019 7:02:13		-122.361	37.7148				1894.67116	RS-700	-0.215566368
946	9/4/2019 7:02:14		-122.361	37.7148				2047.92164	RS-700	0.546873831
947	9/4/2019 7:02:15		-122.361	37.7148				2019.69945	RS-700	0.406464925
948	9/4/2019 7:02:16		-122.361	37.7148				1957.5099	RS-700	0.097064179
949	9/4/2019 7:02:17		-122.361	37.7148				2001.5202	RS-700	0.316020896
950	9/4/2019 7:02:18		-122.361	37.7148				2028.09237	RS-700	0.448220746
951	9/4/2019 7:02:19		-122.361	37.7148				2001.2186	RS-700	0.314520398
952	9/4/2019 7:02:20		-122.361	37.7148				1946.49741	RS-700	0.042275672
953	9/4/2019 7:02:21		-122.361	37.7148				1946.07172	RS-700	0.040157811
954	9/4/2019 7:02:22		-122.361	37.7148				1961.70055	RS-700	0.117913184
955	9/4/2019 7:02:23		-122.361	37.7148				2010.12677	RS-700	0.358839652
956	9/4/2019 7:02:24		-122.361	37.7148				1972.8069	RS-700	0.173168657
957	9/4/2019 7:02:25		-122.361	37.7148				1905.77058	RS-700	-0.160345373
958	9/4/2019 7:02:26		-122.361	37.7148				1873.66659	RS-700	-0.320066716
959	9/4/2019 7:02:27		-122.361	37.7148				1868.94072	RS-700	-0.343578507
960	9/4/2019 7:02:28		-122.361	37.7148				1889.86407	RS-700	-0.239482239
961	9/4/2019 7:02:29		-122.361	37.7148				1941.59692	RS-700	0.017895124
962	9/4/2019 7:02:30		-122.361	37.7148				1936.17001	RS-700	-0.009104428
963	9/4/2019 7:02:31		-122.361	37.7148				1979.50568	RS-700	0.20649592
964	9/4/2019 7:02:32		-122.361	37.7148				1828.3456	RS-700	-0.545544279
965	9/4/2019 7:02:33		-122.361	37.7148				1816.91109	RS-700	-0.602432388
966	9/4/2019 7:02:34		-122.361	37.7148				1847.84228	RS-700	-0.448545871
967	9/4/2019 7:02:35		-122.361	37.7148				1949.80356	RS-700	0.058724179
968	9/4/2019 7:02:36		-122.361	37.7148				1881.84702	RS-700	-0.27936806
969	9/4/2019 7:02:37		-122.361	37.7148				1855.66039	RS-700	-0.409649801
970	9/4/2019 7:02:38		-122.361	37.7148				1869.84253	RS-700	-0.339091891
971	9/4/2019 7:02:39		-122.361	37.7148				1867.47206	RS-700	-0.350885274
972	9/4/2019 7:02:40		-122.361	37.7148				1876.56108	RS-700	-0.305666269
973	9/4/2019 7:02:41		-122.361	37.7148				1884.84918	RS-700	-0.26443194
974	9/4/2019 7:02:42		-122.361	37.7148				1918.3908	RS-700	-0.097558209
975	9/4/2019 7:02:43		-122.361	37.7147				1889.67038	RS-700	-0.240445871

Gamma Scan Survey Results
Survey Unit 5 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
976	9/4/2019 7:02:44		-122.361	37.7147				1941.39986	RS-700	0.016914726
977	9/4/2019 7:02:45		-122.361	37.7147				1970.30375	RS-700	0.160715174
978	9/4/2019 7:02:46		-122.361	37.7147				1966.59752	RS-700	0.142276219
979	9/4/2019 7:02:47		-122.361	37.7147				1773.45415	RS-700	-0.81863607
980	9/4/2019 7:02:48		-122.361	37.7147				1755.25141	RS-700	-0.909196965
981	9/4/2019 7:02:49		-122.361	37.7147				1872.53394	RS-700	-0.325701791
982	9/4/2019 7:02:50		-122.361	37.7147				1961.78669	RS-700	0.118341741
983	9/4/2019 7:02:51		-122.361	37.7147				2061.14433	RS-700	0.612658358
984	9/4/2019 7:02:52		-122.361	37.7147				1903.67004	RS-700	-0.170795821
985	9/4/2019 7:02:53		-122.361	37.7147				1922.06256	RS-700	-0.079290746
986	9/4/2019 7:02:54		-122.361	37.7147				2034.03148	RS-700	0.477768557
987	9/4/2019 7:02:55		-122.361	37.7147				2011.51258	RS-700	0.365734229
988	9/4/2019 7:02:56		-122.361	37.7147				1902.8912	RS-700	-0.174670647
989	9/4/2019 7:02:57		-122.361	37.7147				2009.79788	RS-700	0.357203383
990	9/4/2019 7:02:58		-122.361	37.7147				1990.30035	RS-700	0.260200746
991	9/4/2019 7:02:59		-122.361	37.7147				1963.49959	RS-700	0.126863632
992	9/4/2019 7:03:00		-122.361	37.7147				2058.72221	RS-700	0.60060801
993	9/4/2019 7:03:01		-122.361	37.7147				1935.87438	RS-700	-0.010575224
994	9/4/2019 7:03:02		-122.361	37.7147				1937.59247	RS-700	-0.002027512
995	9/4/2019 7:03:03		-122.361	37.7147				1927.70951	RS-700	-0.051196468
996	9/4/2019 7:03:04		-122.361	37.7147				1954.98744	RS-700	0.084514627
997	9/4/2019 7:03:05		-122.361	37.7147				1926.38006	RS-700	-0.057810647
998	9/4/2019 7:03:06		-122.361	37.7147				1902.7682	RS-700	-0.175282587
999	9/4/2019 7:03:07		-122.361	37.7147				1979.59028	RS-700	0.206916816
1000	9/4/2019 7:03:08		-122.361	37.7147				1890.48531	RS-700	-0.236391493
1001	9/4/2019 7:03:09		-122.361	37.7147				1871.66316	RS-700	-0.33003403
1002	9/4/2019 7:03:10		-122.361	37.7147				1977.98912	RS-700	0.198950846
1003	9/4/2019 7:03:11		-122.361	37.7147				2041.83638	RS-700	0.516598905
1004	9/4/2019 7:03:12		-122.361	37.7147				1910.38966	RS-700	-0.137364876
1005	9/4/2019 7:03:13		-122.361	37.7147				1997.00455	RS-700	0.293554975
1006	9/4/2019 7:03:14		-122.361	37.7147				1952.20092	RS-700	0.070651343
1007	9/4/2019 7:03:15		-122.361	37.7147				1918.4839	RS-700	-0.097095025
1008	9/4/2019 7:03:16		-122.361	37.7147				1997.72466	RS-700	0.297137612
1009	9/4/2019 7:03:17		-122.361	37.7147				1948.07945	RS-700	0.050146517
1010	9/4/2019 7:03:18		-122.36	37.7147				1934.7815	RS-700	-0.016012438
1011	9/4/2019 7:03:19		-122.36	37.7147				1927.58607	RS-700	-0.051810597
1012	9/4/2019 7:03:20		-122.36	37.7147				1961.30103	RS-700	0.115925522
1013	9/4/2019 7:03:21		-122.36	37.7147				1896.74061	RS-700	-0.205270597
1014	9/4/2019 7:03:22		-122.36	37.7147				1937.49328	RS-700	-0.002520995
1015	9/4/2019 7:03:23		-122.36	37.7147				1937.87697	RS-700	-0.00061209
1016	9/4/2019 7:03:24		-122.36	37.7147				1933.06658	RS-700	-0.024544378
1017	9/4/2019 7:03:25		-122.36	37.7146				1978.5969	RS-700	0.201974627
1018	9/4/2019 7:03:26		-122.36	37.7146				1940.59553	RS-700	0.012913085
1019	9/4/2019 7:03:27		-122.36	37.7146				1930.16763	RS-700	-0.038967015
1020	9/4/2019 7:03:28		-122.36	37.7146				1922.48664	RS-700	-0.077180896
1021	9/4/2019 7:03:29		-122.36	37.7146				1950.59805	RS-700	0.062676866
1022	9/4/2019 7:03:30		-122.36	37.7146				1938.50092	RS-700	0.002492139
1023	9/4/2019 7:03:31		-122.36	37.7146				1922.77514	RS-700	-0.075745572
1024	9/4/2019 7:03:32		-122.36	37.7146				1942.29656	RS-700	0.02137592
1025	9/4/2019 7:03:33		-122.36	37.7146				1934.97283	RS-700	-0.015060547
1026	9/4/2019 7:03:34		-122.36	37.7146				1951.88992	RS-700	0.06910408
1027	9/4/2019 7:03:35		-122.36	37.7146				2002.60739	RS-700	0.321429801
1028	9/4/2019 7:03:36		-122.36	37.7146				1986.50611	RS-700	0.24132393
1029	9/4/2019 7:03:37		-122.36	37.7146				1985.80374	RS-700	0.237829552
1030	9/4/2019 7:03:38		-122.36	37.7146				1922.58393	RS-700	-0.076696866
1031	9/4/2019 7:03:39		-122.36	37.7146				1863.48202	RS-700	-0.370736219
1032	9/4/2019 7:03:40		-122.36	37.7146				1930.97355	RS-700	-0.034957463
1033	9/4/2019 7:03:41		-122.36	37.7146				1916.5827	RS-700	-0.106553731
1034	9/4/2019 7:03:42		-122.36	37.7146				1876.28981	RS-700	-0.307015871
1035	9/4/2019 7:03:43		-122.36	37.7146				1960.99134	RS-700	0.114384776
1036	9/4/2019 7:03:44		-122.36	37.7146				1901.57703	RS-700	-0.181208806

Gamma Scan Survey Results
Survey Unit 5 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
1037	9/4/2019 7:03:45		-122.36	37.7146				1932.4912	RS-700	-0.027406965
1038	9/4/2019 7:03:46		-122.36	37.7146				1872.56516	RS-700	-0.325546468
1039	9/4/2019 7:03:47		-122.36	37.7146				1848.84388	RS-700	-0.443562786
1040	9/4/2019 7:03:48		-122.36	37.7146				1893.95321	RS-700	-0.219138259
1041	9/4/2019 7:03:49		-122.36	37.7146				1808.54854	RS-700	-0.644037114
1042	9/4/2019 7:03:50		-122.36	37.7146				1802.90819	RS-700	-0.672098557
1043	9/4/2019 7:03:51		-122.36	37.7146				1854.63719	RS-700	-0.414740348
1044	9/4/2019 7:03:52		-122.36	37.7146				1874.66182	RS-700	-0.315115323
1045	9/4/2019 7:03:53		-122.36	37.7146				1963.90707	RS-700	0.128890896
1046	9/4/2019 7:03:54		-122.36	37.7146				1899.23809	RS-700	-0.192845323
1047	9/4/2019 7:03:55		-122.36	37.7146				1836.74099	RS-700	-0.503776169
1048	9/4/2019 7:03:56		-122.36	37.7146				1941.30185	RS-700	0.016427114
1049	9/4/2019 7:03:57		-122.36	37.7146				1865.28591	RS-700	-0.361761642
1050	9/4/2019 7:03:58		-122.36	37.7146				1884.5732	RS-700	-0.265804975
1051	9/4/2019 7:03:59		-122.36	37.7146				1895.67266	RS-700	-0.210583781
1052	9/4/2019 7:04:00		-122.36	37.7146				2003.81035	RS-700	0.327414677
1053	9/4/2019 7:04:01		-122.36	37.7146				1950.7871	RS-700	0.063617413
1054	9/4/2019 7:04:02		-122.36	37.7146				1907.86529	RS-700	-0.14992393
1055	9/4/2019 7:04:03		-122.36	37.7146				1888.76271	RS-700	-0.244961642
1056	9/4/2019 7:04:04		-122.36	37.7146				1904.5936	RS-700	-0.166200995
1057	9/4/2019 7:04:05		-122.36	37.7146				1855.3773	RS-700	-0.411058209
1058	9/4/2019 7:04:06		-122.36	37.7146				1945.49401	RS-700	0.037283632
1059	9/4/2019 7:04:07		-122.36	37.7145				1872.14185	RS-700	-0.327652488
1060	9/4/2019 7:04:08		-122.36	37.7145				1930.1998	RS-700	-0.038806965
1061	9/4/2019 7:04:09		-122.36	37.7146				1890.66736	RS-700	-0.235485771
1062	9/4/2019 7:04:10		-122.36	37.7146				1889.67456	RS-700	-0.240425075
1063	9/4/2019 7:04:11		-122.36	37.7146				1841.63015	RS-700	-0.47945199
1064	9/4/2019 7:04:12		-122.36	37.7145				1925.68349	RS-700	-0.061276169
1065	9/4/2019 7:04:13		-122.36	37.7145				1904.48392	RS-700	-0.166746667
1066	9/4/2019 7:04:14		-122.36	37.7145				1903.96028	RS-700	-0.169351841
1067	9/4/2019 7:04:15		-122.36	37.7145				1849.74463	RS-700	-0.439081443
1068	9/4/2019 7:04:16		-122.36	37.7145				1854.65495	RS-700	-0.41465199
1069	9/4/2019 7:04:17		-122.36	37.7145				1865.38786	RS-700	-0.361254428
1070	9/4/2019 7:04:18		-122.36	37.7145				1913.29072	RS-700	-0.122931741
1071	9/4/2019 7:04:19		-122.36	37.7145				1984.48925	RS-700	0.231289801
1072	9/4/2019 7:04:20		-122.36	37.7145				1892.85533	RS-700	-0.224600348
1073	9/4/2019 7:04:21		-122.36	37.7145				1931.07054	RS-700	-0.034474925
1074	9/4/2019 7:04:22		-122.36	37.7145				1906.79279	RS-700	-0.155259751
1075	9/4/2019 7:04:23		-122.36	37.7145				1936.16801	RS-700	-0.009114378
1076	9/4/2019 7:04:24		-122.36	37.7145				1833.01894	RS-700	-0.522293831
1077	9/4/2019 7:04:25		-122.36	37.7145				1867.56298	RS-700	-0.350432935
1078	9/4/2019 7:04:26		-122.36	37.7145				1873.75662	RS-700	-0.319618806
1079	9/4/2019 7:04:27		-122.36	37.7145				1867.66065	RS-700	-0.349947015
1080	9/4/2019 7:04:28		-122.36	37.7145				1880.85067	RS-700	-0.284325025
1081	9/4/2019 7:04:29		-122.36	37.7145				1830.91916	RS-700	-0.532740498
1082	9/4/2019 7:04:30		-122.36	37.7145				1907.86795	RS-700	-0.149910697
1083	9/4/2019 7:04:31		-122.36	37.7145				1844.46984	RS-700	-0.465324179
1084	9/4/2019 7:04:32		-122.36	37.7145				1854.74955	RS-700	-0.414181343
1085	9/4/2019 7:04:33		-122.36	37.7145				1864.57681	RS-700	-0.365289502
1086	9/4/2019 7:04:34		-122.36	37.7145				1935.40076	RS-700	-0.012931542
1087	9/4/2019 7:04:35		-122.36	37.7145				1896.33108	RS-700	-0.20730806
1088	9/4/2019 7:04:36		-122.36	37.7145				1912.77923	RS-700	-0.125476468
1089	9/4/2019 7:04:37		-122.36	37.7145				1883.94192	RS-700	-0.268945672
1090	9/4/2019 7:04:38		-122.36	37.7145				1822.92698	RS-700	-0.572502587
1091	9/4/2019 7:04:39		-122.36	37.7145				1901.86458	RS-700	-0.179778209
1092	9/4/2019 7:04:40		-122.36	37.7145				1889.23764	RS-700	-0.242598806
1093	9/4/2019 7:04:41		-122.36	37.7145				1897.02619	RS-700	-0.203849801
1094	9/4/2019 7:04:42		-122.36	37.7145				1765.80296	RS-700	-0.856701692
1095	9/4/2019 7:04:43		-122.36	37.7145				1860.03125	RS-700	-0.387904229
1096	9/4/2019 7:04:44		-122.36	37.7145				1814.19246	RS-700	-0.61595791
1097	9/4/2019 7:04:45		-122.36	37.7145				1949.59405	RS-700	0.057681841

Gamma Scan Survey Results
Survey Unit 5 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
1098	9/4/2019 7:04:46		-122.36	37.7145				1832.65092	RS-700	-0.524124776
1099	9/4/2019 7:04:47		-122.36	37.7145				1899.19531	RS-700	-0.193058159
1100	9/4/2019 7:04:48		-122.36	37.7145				1852.83464	RS-700	-0.423708259
1101	9/4/2019 7:04:49		-122.36	37.7145				1881.94672	RS-700	-0.27887204
1102	9/4/2019 7:04:50		-122.36	37.7145				1778.71565	RS-700	-0.792459453
1103	9/4/2019 7:04:51		-122.36	37.7145				1772.69968	RS-700	-0.822389652
1104	9/4/2019 7:04:52		-122.36	37.7145				1830.27499	RS-700	-0.535945323
1105	9/4/2019 7:04:53		-122.36	37.7145				1913.77229	RS-700	-0.120535871
1106	9/4/2019 7:04:54		-122.36	37.7145				1769.8897	RS-700	-0.836369652
1107	9/4/2019 7:04:55		-122.36	37.7144				1812.46083	RS-700	-0.624572985
1108	9/4/2019 7:04:56		-122.36	37.7144				1740.4421	RS-700	-0.982875124
1109	9/4/2019 7:04:57		-122.36	37.7144				1812.82247	RS-700	-0.622773781
1110	9/4/2019 7:04:58		-122.36	37.7144				1908.39029	RS-700	-0.14731199
1111	9/4/2019 7:04:59		-122.36	37.7144				1846.56301	RS-700	-0.454910398
1112	9/4/2019 7:05:00		-122.36	37.7144				1773.53772	RS-700	-0.818220299
1113	9/4/2019 7:05:01		-122.36	37.7144				1883.6714	RS-700	-0.270291542
1114	9/4/2019 7:05:02		-122.36	37.7144				1836.10998	RS-700	-0.506915522
1115	9/4/2019 7:05:03		-122.36	37.7144				1794.54444	RS-700	-0.713709254
1116	9/4/2019 7:05:04		-122.36	37.7144				1802.62924	RS-700	-0.673486368
1117	9/4/2019 7:05:05		-122.36	37.7144				1771.5314	RS-700	-0.82820199
1118	9/4/2019 7:05:06		-122.36	37.7144				1796.09364	RS-700	-0.706001791
1119	9/4/2019 7:05:07		-122.36	37.7144				1811.27886	RS-700	-0.630453433
1120	9/4/2019 7:05:08		-122.36	37.7144				1786.5462	RS-700	-0.753501493
1121	9/4/2019 7:05:09		-122.36	37.7144				1810.37113	RS-700	-0.634969502
1122	9/4/2019 7:05:10		-122.36	37.7144				1757.80079	RS-700	-0.896513483
1123	9/4/2019 7:05:11		-122.36	37.7144				1710.85909	RS-700	-1.130054279
1124	9/4/2019 7:05:12		-122.36	37.7144				1708.3683	RS-700	-1.142446269
1125	9/4/2019 7:05:13		-122.36	37.7144				1803.35743	RS-700	-0.669863532
1126	9/4/2019 7:05:14		-122.36	37.7144				1749.18175	RS-700	-0.939394279
1127	9/4/2019 7:05:15		-122.36	37.7144				1783.80528	RS-700	-0.76713791
1128	9/4/2019 7:05:16		-122.36	37.7144				1847.47051	RS-700	-0.450395473
1129	9/4/2019 7:05:17		-122.36	37.7144				1797.45638	RS-700	-0.69922199
1130	9/4/2019 7:05:18		-122.36	37.7144				1811.46028	RS-700	-0.629550846
1131	9/4/2019 7:05:19		-122.36	37.7144				1837.37387	RS-700	-0.500627512
1132	9/4/2019 7:05:20		-122.36	37.7144				1766.36118	RS-700	-0.853924478
1133	9/4/2019 7:05:21		-122.36	37.7144				1799.54515	RS-700	-0.6888301
1134	9/4/2019 7:05:22		-122.36	37.7144				1823.28088	RS-700	-0.570741891
1135	9/4/2019 7:05:23		-122.36	37.7144				1830.55952	RS-700	-0.534529751
1136	9/4/2019 7:05:24		-122.36	37.7144				1863.66013	RS-700	-0.3698501
1137	9/4/2019 7:05:25		-122.36	37.7144				1872.56904	RS-700	-0.325527164
1138	9/4/2019 7:05:26		-122.36	37.7144				1813.28123	RS-700	-0.620491393
1139	9/4/2019 7:05:27		-122.36	37.7144				1855.64045	RS-700	-0.409749005
1140	9/4/2019 7:05:28		-122.36	37.7144				1888.58389	RS-700	-0.245851294
1141	9/4/2019 7:05:29		-122.36	37.7144				1835.64904	RS-700	-0.509208756
1142	9/4/2019 7:05:30		-122.36	37.7144				1794.80986	RS-700	-0.712388756
1143	9/4/2019 7:05:31		-122.36	37.7144				1886.14665	RS-700	-0.257976866
1144	9/4/2019 7:05:32		-122.36	37.7144				1763.45927	RS-700	-0.868361841
1145	9/4/2019 7:05:33		-122.36	37.7144				1811.27274	RS-700	-0.630483881
1146	9/4/2019 7:05:34		-122.36	37.7144				1825.52668	RS-700	-0.559568756
1147	9/4/2019 7:05:35		-122.36	37.7144				1826.55352	RS-700	-0.5544601
1148	9/4/2019 7:05:36		-122.36	37.7144				1860.65836	RS-700	-0.384784279
1149	9/4/2019 7:05:37		-122.36	37.7144				1800.45641	RS-700	-0.684296468
1150	9/4/2019 7:05:38		-122.36	37.7144				1787.45565	RS-700	-0.748976866
1151	9/4/2019 7:05:39		-122.36	37.7144				1923.77598	RS-700	-0.070766269
1152	9/4/2019 7:05:40		-122.36	37.7144				1829.10292	RS-700	-0.541776517
1153	9/4/2019 7:05:41		-122.36	37.7144				1810.46314	RS-700	-0.634511741
1154	9/4/2019 7:05:42		-122.36	37.7144				1778.27771	RS-700	-0.794638259
1155	9/4/2019 7:05:43		-122.36	37.7144				1752.53416	RS-700	-0.922715622
1156	9/4/2019 7:05:44		-122.36	37.7144				1758.8063	RS-700	-0.891510945
1157	9/4/2019 7:05:45		-122.36	37.7144				1763.54465	RS-700	-0.867937065
1158	9/4/2019 7:05:46		-122.36	37.7144				1807.55081	RS-700	-0.649000945

Gamma Scan Survey Results
Survey Unit 5 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
1159	9/4/2019 7:05:47		-122.36	37.7144				1796.63772	RS-700	-0.703294925
1160	9/4/2019 7:05:48		-122.36	37.7144				1763.15502	RS-700	-0.869875522
1161	9/4/2019 7:05:49		-122.36	37.7144				1836.55797	RS-700	-0.504686716
1162	9/4/2019 7:05:50		-122.36	37.7144				1883.84192	RS-700	-0.269443184
1163	9/4/2019 7:05:51		-122.36	37.7144				1805.46287	RS-700	-0.659388706
1164	9/4/2019 7:05:52		-122.36	37.7144				1834.46192	RS-700	-0.515114826
1165	9/4/2019 7:05:53		-122.36	37.7144				1906.29358	RS-700	-0.157743383
1166	9/4/2019 7:05:54		-122.36	37.7144				1876.46693	RS-700	-0.306134677
1167	9/4/2019 7:05:55		-122.36	37.7144				1839.46649	RS-700	-0.490216468
1168	9/4/2019 7:05:56		-122.36	37.7145				1774.71768	RS-700	-0.812349851
1169	9/4/2019 7:05:57		-122.36	37.7145				1768.62782	RS-700	-0.842647662
1170	9/4/2019 7:05:58		-122.36	37.7145				1865.28802	RS-700	-0.361751144
1171	9/4/2019 7:05:59		-122.36	37.7145				1820.64542	RS-700	-0.583853632
1172	9/4/2019 7:06:00		-122.36	37.7145				1789.27479	RS-700	-0.739926418
1173	9/4/2019 7:06:01		-122.36	37.7145				1752.44974	RS-700	-0.923135622
1174	9/4/2019 7:06:02		-122.36	37.7145				1824.55198	RS-700	-0.56441801
1175	9/4/2019 7:06:03		-122.36	37.7145				1799.45519	RS-700	-0.689277662
1176	9/4/2019 7:06:04		-122.36	37.7144				1799.18603	RS-700	-0.690616766
1177	9/4/2019 7:06:05		-122.36	37.7144				1783.7198	RS-700	-0.767563184
1178	9/4/2019 7:06:06		-122.36	37.7144				1890.76483	RS-700	-0.235000846
1179	9/4/2019 7:06:07		-122.36	37.7144				1794.45333	RS-700	-0.714162537
1180	9/4/2019 7:06:08		-122.36	37.7144				1925.39231	RS-700	-0.062724826
1181	9/4/2019 7:06:09		-122.36	37.7144				1888.67042	RS-700	-0.245420796
1182	9/4/2019 7:06:10		-122.36	37.7144				1785.36302	RS-700	-0.75938796
1183	9/4/2019 7:06:11		-122.36	37.7144				1748.70887	RS-700	-0.941746915
1184	9/4/2019 7:06:12		-122.36	37.7144				1763.53591	RS-700	-0.867980547
1185	9/4/2019 7:06:13		-122.36	37.7144				1800.46016	RS-700	-0.684277811
1186	9/4/2019 7:06:14		-122.36	37.7144				1693.6816	RS-700	-1.215514428
1187	9/4/2019 7:06:15		-122.36	37.7144				1830.46654	RS-700	-0.534992338
1188	9/4/2019 7:06:16		-122.36	37.7144				1796.18037	RS-700	-0.705570299
1189	9/4/2019 7:06:17		-122.36	37.7144				1791.90421	RS-700	-0.726844726
1190	9/4/2019 7:06:18		-122.36	37.7144				1870.68071	RS-700	-0.334921841
1191	9/4/2019 7:06:19		-122.36	37.7144				1881.95441	RS-700	-0.278833781
1192	9/4/2019 7:06:20		-122.36	37.7144				1840.28532	RS-700	-0.486142687
1193	9/4/2019 7:06:21		-122.36	37.7144				1768.34828	RS-700	-0.844038408
1194	9/4/2019 7:06:22		-122.36	37.7144				1846.93513	RS-700	-0.453059055
1195	9/4/2019 7:06:23		-122.36	37.7144				1836.56265	RS-700	-0.504663433
1196	9/4/2019 7:06:24		-122.36	37.7144				1821.01771	RS-700	-0.582001443
1197	9/4/2019 7:06:25		-122.36	37.7144				1840.0136	RS-700	-0.487494527
1198	9/4/2019 7:06:26		-122.36	37.7145				1826.3715	RS-700	-0.555365672
1199	9/4/2019 7:06:27		-122.36	37.7145				1775.27168	RS-700	-0.809593632
1200	9/4/2019 7:06:28		-122.36	37.7145				1939.67727	RS-700	0.008344627
1201	9/4/2019 7:06:29		-122.36	37.7145				1867.84934	RS-700	-0.349008259
1202	9/4/2019 7:06:30		-122.36	37.7145				1884.66503	RS-700	-0.265348109
1203	9/4/2019 7:06:31		-122.36	37.7145				1814.00228	RS-700	-0.61690408
1204	9/4/2019 7:06:32		-122.36	37.7145				1872.37749	RS-700	-0.326480149
1205	9/4/2019 7:06:33		-122.36	37.7145				1961.78762	RS-700	0.118346368
1206	9/4/2019 7:06:34		-122.36	37.7145				1885.38667	RS-700	-0.261757861
1207	9/4/2019 7:06:35		-122.36	37.7145				1905.86597	RS-700	-0.159870796
1208	9/4/2019 7:06:36		-122.36	37.7145				1858.75289	RS-700	-0.394264229
1209	9/4/2019 7:06:37		-122.36	37.7145				1877.94603	RS-700	-0.29877597
1210	9/4/2019 7:06:38		-122.36	37.7145				1825.37568	RS-700	-0.56032
1211	9/4/2019 7:06:39		-122.36	37.7145				1841.65328	RS-700	-0.479336915
1212	9/4/2019 7:06:40		-122.36	37.7145				1866.7497	RS-700	-0.354479104
1213	9/4/2019 7:06:41		-122.36	37.7145				1884.85083	RS-700	-0.264423731
1214	9/4/2019 7:06:42		-122.36	37.7145				1870.41933	RS-700	-0.336222239
1215	9/4/2019 7:06:43		-122.36	37.7145				1868.66448	RS-700	-0.344952836
1216	9/4/2019 7:06:44		-122.36	37.7145				1858.65506	RS-700	-0.394750945
1217	9/4/2019 7:06:45		-122.36	37.7145				1882.04151	RS-700	-0.278400448
1218	9/4/2019 7:06:46		-122.36	37.7145				1912.48549	RS-700	-0.126937861
1219	9/4/2019 7:06:47		-122.36	37.7145				1984.00016	RS-700	0.228856517

Gamma Scan Survey Results
Survey Unit 5 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
1220	9/4/2019 7:06:48		-122.36	37.7145				1938.89548	RS-700	0.004455124
1221	9/4/2019 7:06:49		-122.36	37.7145				1882.29015	RS-700	-0.277163433
1222	9/4/2019 7:06:50		-122.36	37.7145				1891.04791	RS-700	-0.233592488
1223	9/4/2019 7:06:51		-122.36	37.7145				1883.2311	RS-700	-0.27248209
1224	9/4/2019 7:06:52		-122.36	37.7145				1874.47427	RS-700	-0.316048408
1225	9/4/2019 7:06:53		-122.36	37.7145				1865.47767	RS-700	-0.360807612
1226	9/4/2019 7:06:54		-122.36	37.7145				1860.38826	RS-700	-0.38612806
1227	9/4/2019 7:06:55		-122.36	37.7145				1809.63841	RS-700	-0.638614876
1228	9/4/2019 7:06:56		-122.36	37.7145				1832.37462	RS-700	-0.525499403
1229	9/4/2019 7:06:57		-122.36	37.7145				1884.57184	RS-700	-0.265811741
1230	9/4/2019 7:06:58		-122.36	37.7145				1823.46162	RS-700	-0.569842687
1231	9/4/2019 7:06:59		-122.36	37.7145				1883.28878	RS-700	-0.272195124
1232	9/4/2019 7:07:00		-122.36	37.7145				1802.27214	RS-700	-0.675262985
1233	9/4/2019 7:07:01		-122.36	37.7145				1872.85165	RS-700	-0.324121144
1234	9/4/2019 7:07:02		-122.36	37.7145				1939.68828	RS-700	0.008399403
1235	9/4/2019 7:07:03		-122.36	37.7145				1897.86469	RS-700	-0.199678159
1236	9/4/2019 7:07:04		-122.36	37.7145				1829.104	RS-700	-0.541771144
1237	9/4/2019 7:07:05		-122.36	37.7146				1877.85196	RS-700	-0.29924398
1238	9/4/2019 7:07:06		-122.36	37.7146				1819.37115	RS-700	-0.590193284
1239	9/4/2019 7:07:07		-122.36	37.7146				1808.63707	RS-700	-0.643596667
1240	9/4/2019 7:07:08		-122.36	37.7146				1928.97806	RS-700	-0.044885274
1241	9/4/2019 7:07:09		-122.36	37.7146				1879.0543	RS-700	-0.293262189
1242	9/4/2019 7:07:10		-122.36	37.7146				1885.29176	RS-700	-0.26223005
1243	9/4/2019 7:07:11		-122.36	37.7146				1903.1492	RS-700	-0.173387065
1244	9/4/2019 7:07:12		-122.36	37.7146				1924.87721	RS-700	-0.065287512
1245	9/4/2019 7:07:13		-122.36	37.7146				2031.83441	RS-700	0.466837861
1246	9/4/2019 7:07:14		-122.36	37.7146				1997.70672	RS-700	0.297048358
1247	9/4/2019 7:07:15		-122.36	37.7146				1951.59493	RS-700	0.067636468
1248	9/4/2019 7:07:16		-122.36	37.7146				1874.56934	RS-700	-0.315575423
1249	9/4/2019 7:07:17		-122.36	37.7146				1916.06129	RS-700	-0.109147811
1250	9/4/2019 7:07:18		-122.36	37.7146				1927.49324	RS-700	-0.052272438
1251	9/4/2019 7:07:19		-122.36	37.7146				1871.37407	RS-700	-0.331472289
1252	9/4/2019 7:07:20		-122.36	37.7146				1825.91279	RS-700	-0.557647811
1253	9/4/2019 7:07:21		-122.36	37.7146				1820.64587	RS-700	-0.583851393
1254	9/4/2019 7:07:22		-122.36	37.7146				1552.61412	RS-700	-1.917342687
1255	9/4/2019 7:07:23		-122.36	37.7146				1521.25151	RS-700	-2.073375572
1256	9/4/2019 7:07:24		-122.36	37.7146				1542.34678	RS-700	-1.96842398
1257	9/4/2019 7:07:25		-122.36	37.7146				1511.64067	RS-700	-2.121190697
1258	9/4/2019 7:07:26		-122.36	37.7146				1698.58722	RS-700	-1.191108358
1259	9/4/2019 7:07:27		-122.36	37.7146				1890.764	RS-700	-0.235004975
1260	9/4/2019 7:07:28		-122.36	37.7146				1884.77645	RS-700	-0.264793781
1261	9/4/2019 7:07:29		-122.36	37.7146				1866.56823	RS-700	-0.35538194
1262	9/4/2019 7:07:30		-122.36	37.7146				1901.57971	RS-700	-0.181195473
1263	9/4/2019 7:07:31		-122.36	37.7146				1885.10005	RS-700	-0.263183831
1264	9/4/2019 7:07:32		-122.36	37.7146				1920.87526	RS-700	-0.085197711
1265	9/4/2019 7:07:33		-122.36	37.7146				1838.00465	RS-700	-0.497489303
1266	9/4/2019 7:07:34		-122.36	37.7146				1899.95438	RS-700	-0.189281692
1267	9/4/2019 7:07:35		-122.36	37.7146				1868.66521	RS-700	-0.344949204
1268	9/4/2019 7:07:36		-122.36	37.7146				1867.0091	RS-700	-0.353188557
1269	9/4/2019 7:07:37		-122.36	37.7146				1904.96971	RS-700	-0.164329801
1270	9/4/2019 7:07:38		-122.36	37.7146				1953.3997	RS-700	0.076615423
1271	9/4/2019 7:07:39		-122.36	37.7146				1887.77392	RS-700	-0.249880995
1272	9/4/2019 7:07:40		-122.36	37.7146				1954.39877	RS-700	0.08158592
1273	9/4/2019 7:07:41		-122.36	37.7146				1876.38173	RS-700	-0.306558557
1274	9/4/2019 7:07:42		-122.36	37.7146				1858.02751	RS-700	-0.397873085
1275	9/4/2019 7:07:43		-122.36	37.7146				1859.93272	RS-700	-0.388394428
1276	9/4/2019 7:07:44		-122.36	37.7146				1911.39155	RS-700	-0.132380348
1277	9/4/2019 7:07:45		-122.36	37.7146				1897.95184	RS-700	-0.199244577
1278	9/4/2019 7:07:46		-122.36	37.7146				1837.54944	RS-700	-0.49975403
1279	9/4/2019 7:07:47		-122.36	37.7146				1893.76243	RS-700	-0.220087413
1280	9/4/2019 7:07:48		-122.36	37.7147				1905.78947	RS-700	-0.160251393

Gamma Scan Survey Results
Survey Unit 5 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
1281	9/4/2019 7:07:49		-122.36	37.7147				1785.54271	RS-700	-0.75849398
1282	9/4/2019 7:07:50		-122.36	37.7147				1917.19428	RS-700	-0.103511045
1283	9/4/2019 7:07:51		-122.36	37.7147				1977.59563	RS-700	0.196993184
1284	9/4/2019 7:07:52		-122.36	37.7147				1936.29862	RS-700	-0.008464577
1285	9/4/2019 7:07:53		-122.36	37.7147				1919.86837	RS-700	-0.090207114
1286	9/4/2019 7:07:54		-122.36	37.7147				1885.65714	RS-700	-0.260412239
1287	9/4/2019 7:07:55		-122.36	37.7147				1922.86773	RS-700	-0.075284925
1288	9/4/2019 7:07:56		-122.36	37.7147				1946.49071	RS-700	0.042242338
1289	9/4/2019 7:07:57		-122.36	37.7147				1930.49114	RS-700	-0.037357512
1290	9/4/2019 7:07:58		-122.36	37.7147				1961.37744	RS-700	0.116305672
1291	9/4/2019 7:07:59		-122.36	37.7147				1974.69957	RS-700	0.182584925
1292	9/4/2019 7:08:00		-122.36	37.7147				1871.75957	RS-700	-0.329554378
1293	9/4/2019 7:08:01		-122.36	37.7147				1996.80986	RS-700	0.292586368
1294	9/4/2019 7:08:02		-122.36	37.7147				1916.76969	RS-700	-0.105623433
1295	9/4/2019 7:08:03		-122.361	37.7147				1922.58053	RS-700	-0.076713781
1296	9/4/2019 7:08:04		-122.361	37.7147				1916.48599	RS-700	-0.107034876
1297	9/4/2019 7:08:05		-122.361	37.7147				2019.41992	RS-700	0.405074229
1298	9/4/2019 7:08:06		-122.361	37.7147				1913.7588	RS-700	-0.120602985
1299	9/4/2019 7:08:07		-122.361	37.7147				1898.76413	RS-700	-0.195203333
1300	9/4/2019 7:08:08		-122.361	37.7147				1932.89813	RS-700	-0.025382438
1301	9/4/2019 7:08:09		-122.361	37.7147				1926.87241	RS-700	-0.055361144
1302	9/4/2019 7:08:10		-122.361	37.7147				1911.38981	RS-700	-0.132389005
1303	9/4/2019 7:08:11		-122.361	37.7147				1937.88018	RS-700	-0.000596119
1304	9/4/2019 7:08:12		-122.361	37.7147				1873.95816	RS-700	-0.318616119
1305	9/4/2019 7:08:13		-122.361	37.7147				1911.7767	RS-700	-0.130464179
1306	9/4/2019 7:08:14		-122.361	37.7147				1912.87093	RS-700	-0.125020249
1307	9/4/2019 7:08:15		-122.361	37.7147				1890.38321	RS-700	-0.236899453
1308	9/4/2019 7:08:16		-122.361	37.7147				1864.66138	RS-700	-0.364868756
1309	9/4/2019 7:08:17		-122.361	37.7147				1880.47364	RS-700	-0.286200796
1310	9/4/2019 7:08:18		-122.361	37.7147				1924.9694	RS-700	-0.064828856
1311	9/4/2019 7:08:19		-122.361	37.7147				1907.58397	RS-700	-0.151323532
1312	9/4/2019 7:08:20		-122.361	37.7147				1914.77453	RS-700	-0.115549602
1313	9/4/2019 7:08:21		-122.361	37.7147				1946.49467	RS-700	0.04226204
1314	9/4/2019 7:08:22		-122.361	37.7147				1935.59933	RS-700	-0.011943632
1315	9/4/2019 7:08:23		-122.361	37.7147				1948.29994	RS-700	0.051243483
1316	9/4/2019 7:08:24		-122.361	37.7147				2027.25395	RS-700	0.444049502
1317	9/4/2019 7:08:25		-122.361	37.7147				1900.291	RS-700	-0.187606965
1318	9/4/2019 7:08:26		-122.361	37.7147				2026.7213	RS-700	0.441399502
1319	9/4/2019 7:08:27		-122.361	37.7147				2019.4109	RS-700	0.405029353
1320	9/4/2019 7:08:28		-122.361	37.7147				1973.99646	RS-700	0.179086866
1321	9/4/2019 7:08:29		-122.361	37.7147				1962.20148	RS-700	0.120405373
1322	9/4/2019 7:08:30		-122.361	37.7147				1921.58521	RS-700	-0.081665622
1323	9/4/2019 7:08:31		-122.361	37.7147				1959.6898	RS-700	0.107909453
1324	9/4/2019 7:08:32		-122.361	37.7148				1837.85042	RS-700	-0.498256617
1325	9/4/2019 7:08:33		-122.361	37.7148				1939.88512	RS-700	0.009378706
1326	9/4/2019 7:08:34		-122.361	37.7148				1915.48727	RS-700	-0.112003632
1327	9/4/2019 7:08:35		-122.361	37.7148				1900.67192	RS-700	-0.185711841
1328	9/4/2019 7:08:36		-122.361	37.7148				1854.56474	RS-700	-0.415100796
1329	9/4/2019 7:08:37		-122.361	37.7148				1822.83018	RS-700	-0.572984179
1330	9/4/2019 7:08:38		-122.361	37.7148				1866.28693	RS-700	-0.356781443
1331	9/4/2019 7:08:39		-122.361	37.7148				1879.48327	RS-700	-0.29112801
1332	9/4/2019 7:08:40		-122.361	37.7148				1926.48968	RS-700	-0.057265274
1333	9/4/2019 7:08:41		-122.361	37.7148				1920.77559	RS-700	-0.085693582
1334	9/4/2019 7:08:42		-122.361	37.7148				1904.8592	RS-700	-0.164879602
1335	9/4/2019 7:08:43		-122.361	37.7148				1937.48542	RS-700	-0.0025601
1336	9/4/2019 7:08:44		-122.361	37.7148				1836.28274	RS-700	-0.50605602
1337	9/4/2019 7:08:45		-122.361	37.7148				1886.46883	RS-700	-0.25637398
1338	9/4/2019 7:08:46		-122.361	37.7148				1837.74869	RS-700	-0.498762736
1339	9/4/2019 7:08:47		-122.361	37.7148				1833.8293	RS-700	-0.518262189
1340	9/4/2019 7:08:48		-122.361	37.7148				1907.24987	RS-700	-0.152985721
1341	9/4/2019 7:08:49		-122.361	37.7148				1873.11745	RS-700	-0.322798756

Gamma Scan Survey Results
Survey Unit 5 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
1342	9/4/2019 7:08:50		-122.361	37.7148				1917.48674	RS-700	-0.10205602
1343	9/4/2019 7:08:51		-122.361	37.7148				1926.57915	RS-700	-0.056820149
1344	9/4/2019 7:08:52		-122.361	37.7148				1977.89135	RS-700	0.198464428
1345	9/4/2019 7:08:53		-122.361	37.7148				1917.58397	RS-700	-0.101572289
1346	9/4/2019 7:08:54		-122.361	37.7148				1866.76221	RS-700	-0.354416866
1347	9/4/2019 7:08:55		-122.361	37.7148				1944.30189	RS-700	0.031352687
1348	9/4/2019 7:08:56		-122.361	37.7148				1890.46987	RS-700	-0.236468308
1349	9/4/2019 7:08:57		-122.361	37.7148				1978.80531	RS-700	0.203011493
1350	9/4/2019 7:08:58		-122.361	37.7148				1976.50781	RS-700	0.191581144
1351	9/4/2019 7:08:59		-122.361	37.7148				1954.81207	RS-700	0.083642139
1352	9/4/2019 7:09:00		-122.361	37.7148				1898.48107	RS-700	-0.196611592
1353	9/4/2019 7:09:01		-122.361	37.7148				2000.50602	RS-700	0.310975224
1354	9/4/2019 7:09:02		-122.361	37.7148				1945.88326	RS-700	0.039220199
1355	9/4/2019 7:09:03		-122.361	37.7148				1959.69323	RS-700	0.107926517
1356	9/4/2019 7:09:04		-122.361	37.7148				1962.20469	RS-700	0.120421343
1357	9/4/2019 7:09:05		-122.361	37.7148				1959.09421	RS-700	0.104946318
1358	9/4/2019 7:09:06		-122.361	37.7148				1975.40065	RS-700	0.186072886
1359	9/4/2019 7:09:07		-122.361	37.7148				2050.42524	RS-700	0.559329552
1360	9/4/2019 7:09:08		-122.361	37.7148				1961.48905	RS-700	0.116860945
1361	9/4/2019 7:09:09		-122.361	37.7148				2009.61601	RS-700	0.356298557
1362	9/4/2019 7:09:10		-122.361	37.7148				2055.62583	RS-700	0.585203134
1363	9/4/2019 7:09:11		-122.361	37.7148				1996.5053	RS-700	0.291071144
1364	9/4/2019 7:09:12		-122.361	37.7148				1962.98982	RS-700	0.124327463
1365	9/4/2019 7:09:13		-122.361	37.7148				1930.39264	RS-700	-0.037847562
1366	9/4/2019 7:09:14		-122.361	37.7149				1870.75253	RS-700	-0.334564527
1367	9/4/2019 7:09:15		-122.361	37.7149				1983.50478	RS-700	0.22639194
1368	9/4/2019 7:09:16		-122.361	37.7149				1956.59816	RS-700	0.092528159
1369	9/4/2019 7:09:17		-122.361	37.7149				1990.10677	RS-700	0.259237662
1370	9/4/2019 7:09:18		-122.361	37.7149				2003.40948	RS-700	0.325420299
1371	9/4/2019 7:09:19		-122.361	37.7149				1826.64816	RS-700	-0.553989254
1372	9/4/2019 7:09:20		-122.361	37.7149				1816.27824	RS-700	-0.605580896
1373	9/4/2019 7:09:21		-122.361	37.7149				1760.45637	RS-700	-0.883301642
1374	9/4/2019 7:09:22		-122.361	37.7149				1700.45545	RS-700	-1.181813682
1375	9/4/2019 7:09:23		-122.361	37.7149				1820.46127	RS-700	-0.584769801
1376	9/4/2019 7:09:24		-122.361	37.7149				1876.76224	RS-700	-0.304665473
1377	9/4/2019 7:09:25		-122.361	37.7149				1871.4733	RS-700	-0.330978607
1378	9/4/2019 7:09:26		-122.361	37.7149				1830.92202	RS-700	-0.532726269
1379	9/4/2019 7:09:27		-122.361	37.7149				1638.48328	RS-700	-1.490132935
1380	9/4/2019 7:09:28		-122.361	37.7149				1241.37436	RS-700	-3.465799204
1381	9/4/2019 7:09:29		-122.361	37.7149				848.11556	RS-700	-5.422310647
1382	9/4/2019 7:09:30		-122.361	37.7149				779.03833	RS-700	-5.765978458
1383	9/4/2019 7:09:31		-122.361	37.7149				756.12037	RS-700	-5.879998159
1384	9/4/2019 7:09:32		-122.361	37.7149				856.08969	RS-700	-5.382638358
1385	9/4/2019 7:09:33		-122.361	37.7149				1041.21861	RS-700	-4.461598955
1386	9/4/2019 7:09:34		-122.361	37.7149				1719.61406	RS-700	-1.086497214
1387	9/4/2019 7:09:35		-122.361	37.7149				1845.73189	RS-700	-0.459045323
1388	9/4/2019 7:09:36		-122.361	37.7149				1849.83156	RS-700	-0.438648955
1389	9/4/2019 7:09:37		-122.361	37.7149				1804.46235	RS-700	-0.664366418
1390	9/4/2019 7:09:38		-122.361	37.7149				1769.36863	RS-700	-0.83896204
1391	9/4/2019 7:09:39		-122.361	37.7149				1921.39153	RS-700	-0.082629204
1392	9/4/2019 7:09:40		-122.361	37.7149				1959.59644	RS-700	0.107444975
1393	9/4/2019 7:09:41		-122.361	37.7149				1962.89184	RS-700	0.12384
1394	9/4/2019 7:09:42		-122.361	37.7149				1947.4941	RS-700	0.047234328
1395	9/4/2019 7:09:43		-122.361	37.7149				1889.61153	RS-700	-0.240738657
1396	9/4/2019 7:09:44		-122.361	37.7149				1932.78894	RS-700	-0.025925672
1397	9/4/2019 7:09:45		-122.361	37.7149				1940.87977	RS-700	0.014327214
1398	9/4/2019 7:09:46		-122.361	37.7149				1910.48626	RS-700	-0.136884279
1399	9/4/2019 7:09:47		-122.361	37.7149				1908.57338	RS-700	-0.146401095
1400	9/4/2019 7:09:48		-122.361	37.7149				1945.49561	RS-700	0.037291592
1401	9/4/2019 7:09:49		-122.361	37.7149				1959.9879	RS-700	0.109392537
1402	9/4/2019 7:09:50		-122.361	37.7149				1875.85235	RS-700	-0.309192289

Gamma Scan Survey Results
Survey Unit 5 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
1403	9/4/2019 7:09:51		-122.361	37.7149				1815.00763	RS-700	-0.611902338
1404	9/4/2019 7:09:52		-122.361	37.7149				1858.84868	RS-700	-0.393787662
1405	9/4/2019 7:09:53		-122.361	37.7149				1865.47651	RS-700	-0.360813383
1406	9/4/2019 7:09:54		-122.361	37.7149				1873.13028	RS-700	-0.322734925
1407	9/4/2019 7:09:55		-122.361	37.7149				1859.47221	RS-700	-0.390685522
1408	9/4/2019 7:09:56		-122.361	37.7149				1971.40717	RS-700	0.166204826
1409	9/4/2019 7:09:57		-122.361	37.7149				1991.70689	RS-700	0.267198458
1410	9/4/2019 7:09:58		-122.361	37.7149				1902.95516	RS-700	-0.174352438
1411	9/4/2019 7:09:59		-122.361	37.7149				1892.38477	RS-700	-0.226941443
1412	9/4/2019 7:10:00		-122.361	37.7149				1858.84903	RS-700	-0.39378592
1413	9/4/2019 7:10:01		-122.361	37.7149				1852.6579	RS-700	-0.424587562
1414	9/4/2019 7:10:02		-122.361	37.7149				1835.92599	RS-700	-0.507830896
1415	9/4/2019 7:10:03		-122.361	37.7149				1849.7541	RS-700	-0.439034328
1416	9/4/2019 7:10:04		-122.361	37.7149				1903.67977	RS-700	-0.170747413
1417	9/4/2019 7:10:05		-122.361	37.7149				1866.67299	RS-700	-0.354860746
1418	9/4/2019 7:10:06		-122.361	37.715				2020.6268	RS-700	0.411078607
1419	9/4/2019 7:10:07		-122.361	37.715				2040.13748	RS-700	0.508146667
1420	9/4/2019 7:10:08		-122.361	37.715				1992.30342	RS-700	0.270166269
1421	9/4/2019 7:10:09		-122.361	37.715				1964.69106	RS-700	0.132791343
1422	9/4/2019 7:10:10		-122.361	37.715				1828.46465	RS-700	-0.54495199
1423	9/4/2019 7:10:11		-122.361	37.715				1522.54027	RS-700	-2.066963831
1424	9/4/2019 7:10:12		-122.361	37.715				1221.24943	RS-700	-3.565923234
1425	9/4/2019 7:10:13		-122.361	37.715				1114.22699	RS-700	-4.098373184
1426	9/4/2019 7:10:14		-122.361	37.715				1424.58074	RS-700	-2.554324677
1427	9/4/2019 7:10:15		-122.361	37.715				1818.55084	RS-700	-0.594274428
1428	9/4/2019 7:10:16		-122.361	37.715				1872.86015	RS-700	-0.324078856
1429	9/4/2019 7:10:17		-122.361	37.715				1791.06045	RS-700	-0.731042537
1430	9/4/2019 7:10:18		-122.361	37.715				1865.47784	RS-700	-0.360806766
1431	9/4/2019 7:10:19		-122.361	37.715				1836.7412	RS-700	-0.503775124
1432	9/4/2019 7:10:20		-122.361	37.715				1729.4421	RS-700	-1.037601493
1433	9/4/2019 7:10:21		-122.361	37.715				1820.00475	RS-700	-0.587041045
1434	9/4/2019 7:10:22		-122.361	37.715				1850.92575	RS-700	-0.433205224
1435	9/4/2019 7:10:23		-122.361	37.715				1802.45602	RS-700	-0.674348159
1436	9/4/2019 7:10:24		-122.361	37.715				1895.67145	RS-700	-0.210589801
1437	9/4/2019 7:10:25		-122.361	37.715				1788.45371	RS-700	-0.744011393
1438	9/4/2019 7:10:26		-122.361	37.715				1916.77623	RS-700	-0.105590896
1439	9/4/2019 7:10:27		-122.361	37.715				1900.67881	RS-700	-0.185677562
1440	9/4/2019 7:10:28		-122.361	37.715				1960.89146	RS-700	0.113887861
1441	9/4/2019 7:10:29		-122.361	37.715				1983.90932	RS-700	0.228404577
1442	9/4/2019 7:10:30		-122.361	37.715				1970.59913	RS-700	0.162184726
1443	9/4/2019 7:10:31		-122.361	37.715				2036.62443	RS-700	0.490668806
1444	9/4/2019 7:10:32		-122.361	37.715				1979.5052	RS-700	0.206493532
1445	9/4/2019 7:10:33		-122.361	37.715				1928.78387	RS-700	-0.045851393
1446	9/4/2019 7:10:34		-122.361	37.715				2005.22405	RS-700	0.33444801
1447	9/4/2019 7:10:35		-122.361	37.715				1886.04178	RS-700	-0.258498607
1448	9/4/2019 7:10:36		-122.361	37.715				1966.79028	RS-700	0.143235224
1449	9/4/2019 7:10:37		-122.361	37.715				1907.39052	RS-700	-0.15228597
1450	9/4/2019 7:10:38		-122.361	37.715				1795.54573	RS-700	-0.708727711
1451	9/4/2019 7:10:39		-122.361	37.715				1863.55791	RS-700	-0.370358657
1452	9/4/2019 7:10:40		-122.361	37.715				1927.8793	RS-700	-0.050351741
1453	9/4/2019 7:10:41		-122.361	37.715				1824.64218	RS-700	-0.563969254
1454	9/4/2019 7:10:42		-122.361	37.715				1911.86573	RS-700	-0.130021244
1455	9/4/2019 7:10:43		-122.361	37.715				1870.56011	RS-700	-0.335521841
1456	9/4/2019 7:10:44		-122.361	37.715				1812.45327	RS-700	-0.624610597
1457	9/4/2019 7:10:45		-122.361	37.715				1893.15191	RS-700	-0.223124826
1458	9/4/2019 7:10:46		-122.361	37.7151				1922.88432	RS-700	-0.075202388
1459	9/4/2019 7:10:47		-122.361	37.7151				1877.57058	RS-700	-0.300643881
1460	9/4/2019 7:10:48		-122.361	37.7151				1806.45837	RS-700	-0.65443597
1461	9/4/2019 7:10:49		-122.361	37.7151				1807.73072	RS-700	-0.648105871
1462	9/4/2019 7:10:50		-122.361	37.7151				1938.68852	RS-700	0.003425473
1463	9/4/2019 7:10:51		-122.361	37.7151				1851.56315	RS-700	-0.43003408

Gamma Scan Survey Results
Survey Unit 5 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
1464	9/4/2019 7:10:52		-122.361	37.7151				1886.85566	RS-700	-0.254449453
1465	9/4/2019 7:10:53		-122.361	37.7151				1886.75872	RS-700	-0.254931741
1466	9/4/2019 7:10:54		-122.361	37.7151				1924.50243	RS-700	-0.06715209
1467	9/4/2019 7:10:55		-122.361	37.7151				1948.07656	RS-700	0.050132139
1468	9/4/2019 7:10:56		-122.361	37.7151				1861.75397	RS-700	-0.379333483
1469	9/4/2019 7:10:57		-122.361	37.7151				1906.67783	RS-700	-0.155831692
1470	9/4/2019 7:10:58		-122.361	37.7151				1944.78989	RS-700	0.033780547
1471	9/4/2019 7:10:59		-122.361	37.7151				1783.5446	RS-700	-0.768434826
1472	9/4/2019 7:11:00		-122.361	37.7151				1902.1497	RS-700	-0.178359701
1473	9/4/2019 7:11:01		-122.361	37.7151				1880.763	RS-700	-0.284761194
1474	9/4/2019 7:11:02		-122.361	37.7151				1850.55973	RS-700	-0.435026219
1475	9/4/2019 7:11:03		-122.361	37.7151				1838.74277	RS-700	-0.493817065
1476	9/4/2019 7:11:04		-122.361	37.7151				1840.7452	RS-700	-0.483854726
1477	9/4/2019 7:11:05		-122.361	37.7151				1880.47485	RS-700	-0.286194776
1478	9/4/2019 7:11:06		-122.361	37.7151				1888.48317	RS-700	-0.246352388
1479	9/4/2019 7:11:07		-122.361	37.7151				1879.38238	RS-700	-0.29162995
1480	9/4/2019 7:11:08		-122.361	37.7151				1868.28019	RS-700	-0.346864726
1481	9/4/2019 7:11:09		-122.361	37.7151				1875.28114	RS-700	-0.312034129
1482	9/4/2019 7:11:10		-122.361	37.7151				1915.78004	RS-700	-0.110547065
1483	9/4/2019 7:11:11		-122.361	37.7151				2011.71305	RS-700	0.366731592
1484	9/4/2019 7:11:12		-122.361	37.7151				1964.69658	RS-700	0.132818806
1485	9/4/2019 7:11:13		-122.361	37.7151				2000.20688	RS-700	0.309486965
1486	9/4/2019 7:11:14		-122.361	37.7151				2100.18445	RS-700	0.806887811
1487	9/4/2019 7:11:15		-122.361	37.7151				2014.31613	RS-700	0.379682239
1488	9/4/2019 7:11:16		-122.361	37.7151				2006.70768	RS-700	0.341829254
1489	9/4/2019 7:11:17		-122.361	37.7151				1969.69947	RS-700	0.157708806
1490	9/4/2019 7:11:18		-122.361	37.7151				1996.11371	RS-700	0.289122935
1491	9/4/2019 7:11:19		-122.361	37.7151				2054.46296	RS-700	0.579417711
1492	9/4/2019 7:11:20		-122.361	37.7151				1963.29842	RS-700	0.125862786
1493	9/4/2019 7:11:21		-122.361	37.7151				1979.80062	RS-700	0.207963284
1494	9/4/2019 7:11:22		-122.361	37.7151				1855.95131	RS-700	-0.408202438
1495	9/4/2019 7:11:23		-122.361	37.7151				1999.41143	RS-700	0.305529502
1496	9/4/2019 7:11:24		-122.361	37.7151				1828.2776	RS-700	-0.545882587
1497	9/4/2019 7:11:25		-122.361	37.7151				1855.84319	RS-700	-0.408740348
1498	9/4/2019 7:11:26		-122.361	37.7152				1740.87857	RS-700	-0.980703632
1499	9/4/2019 7:11:27		-122.361	37.7152				1789.54376	RS-700	-0.738588259
1500	9/4/2019 7:11:28		-122.361	37.7152				1785.64065	RS-700	-0.758006716
1501	9/4/2019 7:11:29		-122.361	37.7152				1620.24894	RS-700	-1.580851045
1502	9/4/2019 7:11:30		-122.361	37.7152				1544.39976	RS-700	-1.958210149
1503	9/4/2019 7:11:31		-122.361	37.7152				1512.46902	RS-700	-2.117069552
1504	9/4/2019 7:11:32		-122.361	37.7152				1538.68724	RS-700	-1.986630647
1505	9/4/2019 7:11:33		-122.361	37.7152				1627.49548	RS-700	-1.544798607
1506	9/4/2019 7:11:34		-122.361	37.7152				1717.43751	RS-700	-1.097325821
1507	9/4/2019 7:11:35		-122.361	37.7152				1698.43004	RS-700	-1.191890348
1508	9/4/2019 7:11:36		-122.361	37.7152				1807.46934	RS-700	-0.649406269
1509	9/4/2019 7:11:37		-122.361	37.7152				1721.71017	RS-700	-1.076068806
1510	9/4/2019 7:11:38		-122.361	37.7152				1714.52287	RS-700	-1.111826517
1511	9/4/2019 7:11:39		-122.361	37.7152				1762.44476	RS-700	-0.873409154
1512	9/4/2019 7:11:40		-122.361	37.7152				1731.43461	RS-700	-1.027688507
1513	9/4/2019 7:11:41		-122.361	37.7152				1695.68534	RS-700	-1.205545572
1514	9/4/2019 7:11:42		-122.361	37.7152				1753.79565	RS-700	-0.916439552
1515	9/4/2019 7:11:43		-122.361	37.7152				1786.275	RS-700	-0.754850746
1516	9/4/2019 7:11:44		-122.361	37.7152				1771.44584	RS-700	-0.828627662
1517	9/4/2019 7:11:45		-122.361	37.7152				1762.36146	RS-700	-0.873823582
1518	9/4/2019 7:11:46		-122.361	37.7152				1808.46523	RS-700	-0.644451592
1519	9/4/2019 7:11:47		-122.361	37.7152				1758.53561	RS-700	-0.892857662
1520	9/4/2019 7:11:48		-122.361	37.7152				1706.52043	RS-700	-1.151639652
1521	9/4/2019 7:11:49		-122.361	37.7152				1731.9618	RS-700	-1.025065672
1522	9/4/2019 7:11:50		-122.361	37.7152				1687.60224	RS-700	-1.24576
1523	9/4/2019 7:11:51		-122.361	37.7152				1737.52802	RS-700	-0.997373035
1524	9/4/2019 7:11:52		-122.361	37.7152				1701.68819	RS-700	-1.175680647

Gamma Scan Survey Results
Survey Unit 5 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
1525	9/4/2019 7:11:53		-122.361	37.7152				1765.71969	RS-700	-0.85711597
1526	9/4/2019 7:11:54		-122.361	37.7152				1695.60387	RS-700	-1.205950896
1527	9/4/2019 7:11:55		-122.361	37.7152				1829.46314	RS-700	-0.539984378
1528	9/4/2019 7:11:56		-122.361	37.7152				1915.77121	RS-700	-0.110590995
1529	9/4/2019 7:11:57		-122.361	37.7152				1861.03252	RS-700	-0.382922786
1530	9/4/2019 7:11:58		-122.361	37.7152				1844.83505	RS-700	-0.463507214
1531	9/4/2019 7:11:59		-122.361	37.7152				1941.98302	RS-700	0.01981602
1532	9/4/2019 7:12:00		-122.361	37.7152				1842.37608	RS-700	-0.475740896
1533	9/4/2019 7:12:01		-122.361	37.7152				1752.41143	RS-700	-0.923326219
1534	9/4/2019 7:12:02		-122.361	37.7152				1788.6461	RS-700	-0.743054229
1535	9/4/2019 7:12:03		-122.361	37.7152				1796.45426	RS-700	-0.704207662
1536	9/4/2019 7:12:04		-122.361	37.7152				1406.42908	RS-700	-2.644631443
1537	9/4/2019 7:12:05		-122.361	37.7152				1235.28166	RS-700	-3.496111144
1538	9/4/2019 7:12:06		-122.361	37.7152				1196.32212	RS-700	-3.689939701
1539	9/4/2019 7:12:07		-122.361	37.7152				1260.24693	RS-700	-3.371905821
1540	9/4/2019 7:12:08		-122.361	37.7152				1253.50163	RS-700	-3.405464527
1541	9/4/2019 7:12:09		-122.361	37.7152				1314.38619	RS-700	-3.102556269
1542	9/4/2019 7:12:10		-122.361	37.7152				1333.27195	RS-700	-3.008597264
1543	9/4/2019 7:12:11		-122.361	37.7152				1678.59009	RS-700	-1.290596567
1544	9/4/2019 7:12:12		-122.361	37.7152				1789.46622	RS-700	-0.73897403
1545	9/4/2019 7:12:13		-122.361	37.7152				1750.05796	RS-700	-0.935035025
1546	9/4/2019 7:12:14		-122.361	37.7152				1842.4636	RS-700	-0.475305473
1547	9/4/2019 7:12:15		-122.361	37.7152				1820.82711	RS-700	-0.582949701
1548	9/4/2019 7:12:16		-122.361	37.7152				1868.0354	RS-700	-0.348082587
1549	9/4/2019 7:12:17		-122.361	37.7152				1817.91716	RS-700	-0.597427065
1550	9/4/2019 7:12:18		-122.361	37.7152				1968.50307	RS-700	0.151756567
1551	9/4/2019 7:12:19		-122.361	37.7152				1865.84276	RS-700	-0.358991244
1552	9/4/2019 7:12:20		-122.361	37.7152				1871.57403	RS-700	-0.330477463
1553	9/4/2019 7:12:21		-122.361	37.7152				1799.5398	RS-700	-0.688856716
1554	9/4/2019 7:12:22		-122.361	37.7152				1835.46764	RS-700	-0.510111244
1555	9/4/2019 7:12:23		-122.361	37.7152				1708.5254	RS-700	-1.141664677
1556	9/4/2019 7:12:24		-122.361	37.7152				1717.35028	RS-700	-1.097759801
1557	9/4/2019 7:12:25		-122.361	37.7152				1727.85463	RS-700	-1.045499353
1558	9/4/2019 7:12:26		-122.361	37.7152				1753.27078	RS-700	-0.919050846
1559	9/4/2019 7:12:27		-122.361	37.7152				1738.19113	RS-700	-0.99407398
1560	9/4/2019 7:12:28		-122.361	37.7152				1729.2707	RS-700	-1.038454229
1561	9/4/2019 7:12:29		-122.361	37.7152				1792.27538	RS-700	-0.724998109
1562	9/4/2019 7:12:30		-122.361	37.7152				1794.16993	RS-700	-0.715572488
1563	9/4/2019 7:12:31		-122.361	37.7152				1866.19363	RS-700	-0.357245622
1564	9/4/2019 7:12:32		-122.361	37.7152				1804.75936	RS-700	-0.662888756
1565	9/4/2019 7:12:33		-122.361	37.7152				1802.44687	RS-700	-0.674393682
1566	9/4/2019 7:12:34		-122.361	37.7152				1810.46704	RS-700	-0.634492338
1567	9/4/2019 7:12:35		-122.361	37.7152				1822.72527	RS-700	-0.573506119
1568	9/4/2019 7:12:36		-122.361	37.7152				1772.62841	RS-700	-0.822744229
1569	9/4/2019 7:12:37		-122.361	37.7152				1817.83493	RS-700	-0.597836169
1570	9/4/2019 7:12:38		-122.361	37.7152				1853.56429	RS-700	-0.420078159
1571	9/4/2019 7:12:39		-122.361	37.7152				1805.64004	RS-700	-0.658507264
1572	9/4/2019 7:12:40		-122.361	37.7152				1827.27987	RS-700	-0.550846418
1573	9/4/2019 7:12:41		-122.361	37.7152				1868.75541	RS-700	-0.344500448
1574	9/4/2019 7:12:42		-122.361	37.7152				1929.68004	RS-700	-0.041392836
1575	9/4/2019 7:12:43		-122.361	37.7153				1800.36976	RS-700	-0.684727562
1576	9/4/2019 7:12:44		-122.361	37.7153				1877.22829	RS-700	-0.302346816
1577	9/4/2019 7:12:45		-122.361	37.7153				1836.92731	RS-700	-0.502849204
1578	9/4/2019 7:12:46		-122.361	37.7153				1780.89295	RS-700	-0.781627114
1579	9/4/2019 7:12:47		-122.361	37.7153				1823.37157	RS-700	-0.570290697
1580	9/4/2019 7:12:48		-122.361	37.7153				1795.54725	RS-700	-0.708720149
1581	9/4/2019 7:12:49		-122.361	37.7153				1836.74094	RS-700	-0.503776418
1582	9/4/2019 7:12:50		-122.361	37.7153				1853.02615	RS-700	-0.422755473
1583	9/4/2019 7:12:51		-122.361	37.7153				1893.47907	RS-700	-0.221497164
1584	9/4/2019 7:12:52		-122.361	37.7153				1941.78975	RS-700	0.018854478
1585	9/4/2019 7:12:53		-122.362	37.7153				1871.56827	RS-700	-0.330506119

Gamma Scan Survey Results
Survey Unit 5 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
1586	9/4/2019 7:12:54		-122.362	37.7153				1880.6681	RS-700	-0.285233333
1587	9/4/2019 7:12:55		-122.362	37.7153				1856.64821	RS-700	-0.404735274
1588	9/4/2019 7:12:56		-122.362	37.7153				1841.4669	RS-700	-0.480264179
1589	9/4/2019 7:12:57		-122.362	37.7153				1869.47322	RS-700	-0.340929254
1590	9/4/2019 7:12:58		-122.362	37.7153				1852.56483	RS-700	-0.425050597
1591	9/4/2019 7:12:59		-122.362	37.7153				1890.14701	RS-700	-0.238074577
1592	9/4/2019 7:13:00		-122.362	37.7153				1890.47638	RS-700	-0.23643592
1593	9/4/2019 7:13:01		-122.362	37.7153				1865.93854	RS-700	-0.358514726
1594	9/4/2019 7:13:02		-122.362	37.7153				1805.37487	RS-700	-0.659826517
1595	9/4/2019 7:13:03		-122.362	37.7153				1854.84473	RS-700	-0.413707811
1596	9/4/2019 7:13:04		-122.362	37.7153				1819.64611	RS-700	-0.588825323
1597	9/4/2019 7:13:05		-122.362	37.7153				1873.48008	RS-700	-0.320994627
1598	9/4/2019 7:13:06		-122.362	37.7153				1841.37929	RS-700	-0.48070005
1599	9/4/2019 7:13:07		-122.362	37.7153				1829.74724	RS-700	-0.538570945
1600	9/4/2019 7:13:08		-122.362	37.7153				1836.56711	RS-700	-0.504641244
1601	9/4/2019 7:13:09		-122.362	37.7153				1894.67623	RS-700	-0.215541144
1602	9/4/2019 7:13:10		-122.362	37.7153				1832.46262	RS-700	-0.525061592
1603	9/4/2019 7:13:11		-122.362	37.7153				1870.93676	RS-700	-0.33364796
1604	9/4/2019 7:13:12		-122.362	37.7153				1868.57567	RS-700	-0.345394677
1605	9/4/2019 7:13:13		-122.362	37.7153				1763.62746	RS-700	-0.867525075
1606	9/4/2019 7:13:14		-122.362	37.7153				1808.19277	RS-700	-0.645807114
1607	9/4/2019 7:13:15		-122.362	37.7153				1828.64832	RS-700	-0.544038209
1608	9/4/2019 7:13:16		-122.362	37.7153				1863.01317	RS-700	-0.373068806
1609	9/4/2019 7:13:17		-122.362	37.7153				1886.3918	RS-700	-0.256757214
1610	9/4/2019 7:13:18		-122.362	37.7153				1820.5448	RS-700	-0.584354229
1611	9/4/2019 7:13:19		-122.362	37.7153				1882.57315	RS-700	-0.275755473
1612	9/4/2019 7:13:20		-122.362	37.7153				1861.56733	RS-700	-0.38026204
1613	9/4/2019 7:13:21		-122.362	37.7153				1914.38639	RS-700	-0.117480647
1614	9/4/2019 7:13:22		-122.362	37.7153				1848.8487	RS-700	-0.443538806
1615	9/4/2019 7:13:23		-122.362	37.7153				1818.73366	RS-700	-0.593364876
1616	9/4/2019 7:13:24		-122.362	37.7153				1853.05826	RS-700	-0.422595721
1617	9/4/2019 7:13:25		-122.362	37.7153				1857.56475	RS-700	-0.400175373
1618	9/4/2019 7:13:26		-122.362	37.7153				1900.69834	RS-700	-0.185580398
1619	9/4/2019 7:13:27		-122.362	37.7153				1866.75559	RS-700	-0.354449801
1620	9/4/2019 7:13:28		-122.362	37.7153				1990.28719	RS-700	0.260135274
1621	9/4/2019 7:13:29		-122.362	37.7153				2009.82056	RS-700	0.357316219
1622	9/4/2019 7:13:30		-122.362	37.7153				2001.01053	RS-700	0.313485224
1623	9/4/2019 7:13:31		-122.362	37.7153				2037.72072	RS-700	0.496122985
1624	9/4/2019 7:13:32		-122.362	37.7153				1955.49973	RS-700	0.087063333
1625	9/4/2019 7:13:33		-122.362	37.7153				1867.4774	RS-700	-0.350858706
1626	9/4/2019 7:13:34		-122.362	37.7153				1965.80013	RS-700	0.138309104
1627	9/4/2019 7:13:35		-122.362	37.7153				1956.68367	RS-700	0.092953582
1628	9/4/2019 7:13:36		-122.362	37.7154				1889.57904	RS-700	-0.240900299
1629	9/4/2019 7:13:37		-122.362	37.7154				1929.68425	RS-700	-0.041371891
1630	9/4/2019 7:13:38		-122.362	37.7154				1907.58247	RS-700	-0.151330995
1631	9/4/2019 7:13:39		-122.362	37.7154				1894.8589	RS-700	-0.214632338
1632	9/4/2019 7:13:40		-122.362	37.7154				1886.66637	RS-700	-0.255391194
1633	9/4/2019 7:13:41		-122.362	37.7154				1899.2942	RS-700	-0.192566169
1634	9/4/2019 7:13:42		-122.362	37.7154				1943.88388	RS-700	0.029273035
1635	9/4/2019 7:13:43		-122.362	37.7154				1908.59673	RS-700	-0.146284925
1636	9/4/2019 7:13:44		-122.362	37.7154				1883.94961	RS-700	-0.268907413
1637	9/4/2019 7:13:45		-122.362	37.7154				1930.07937	RS-700	-0.039406119
1638	9/4/2019 7:13:46		-122.362	37.7154				1854.20845	RS-700	-0.416873383
1639	9/4/2019 7:13:47		-122.362	37.7154				1846.12589	RS-700	-0.457085124
1640	9/4/2019 7:13:48		-122.362	37.7154				1868.74613	RS-700	-0.344546617
1641	9/4/2019 7:13:49		-122.362	37.7154				1874.05187	RS-700	-0.3181499
1642	9/4/2019 7:13:50		-122.362	37.7154				1918.48294	RS-700	-0.097099801
1643	9/4/2019 7:13:51		-122.362	37.7154				1815.8267	RS-700	-0.607827363
1644	9/4/2019 7:13:52		-122.362	37.7154				1947.87894	RS-700	0.049148955
1645	9/4/2019 7:13:53		-122.362	37.7154				1866.75587	RS-700	-0.354448408
1646	9/4/2019 7:13:54		-122.362	37.7154				1938.25499	RS-700	0.001268607

Gamma Scan Survey Results
Survey Unit 5 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
1647	9/4/2019 7:13:55		-122.362	37.7154				1940.49419	RS-700	0.012408905
1648	9/4/2019 7:13:56		-122.362	37.7154				1867.38257	RS-700	-0.351330498
1649	9/4/2019 7:13:57		-122.362	37.7154				1834.01058	RS-700	-0.517360299
1650	9/4/2019 7:13:58		-122.362	37.7154				1974.01607	RS-700	0.179184428
1651	9/4/2019 7:13:59		-122.362	37.7154				1919.77683	RS-700	-0.090662537
1652	9/4/2019 7:14:00		-122.362	37.7154				1978.2002	RS-700	0.200000995
1653	9/4/2019 7:14:01		-122.362	37.7154				1935.49282	RS-700	-0.012473532
1654	9/4/2019 7:14:02		-122.362	37.7154				1957.59733	RS-700	0.097499154
1655	9/4/2019 7:14:03		-122.362	37.7154				1989.90101	RS-700	0.25821398
1656	9/4/2019 7:14:04		-122.362	37.7154				2041.5194	RS-700	0.515021891
1657	9/4/2019 7:14:05		-122.362	37.7154				1962.09143	RS-700	0.119857861
1658	9/4/2019 7:14:06		-122.362	37.7154				1970.89622	RS-700	0.163662786
1659	9/4/2019 7:14:07		-122.362	37.7154				1942.96453	RS-700	0.024699154
1660	9/4/2019 7:14:08		-122.362	37.7154				2071.63557	RS-700	0.664853582
1661	9/4/2019 7:14:09		-122.362	37.7154				2003.82739	RS-700	0.327499453
1662	9/4/2019 7:14:10		-122.362	37.7154				1908.57132	RS-700	-0.146411343
1663	9/4/2019 7:14:11		-122.362	37.7154				1930.87544	RS-700	-0.035445572
1664	9/4/2019 7:14:12		-122.362	37.7154				1962.79443	RS-700	0.123355373
1665	9/4/2019 7:14:13		-122.362	37.7154				1943.27397	RS-700	0.026238657
1666	9/4/2019 7:14:14		-122.362	37.7154				1901.57745	RS-700	-0.181206716
1667	9/4/2019 7:14:15		-122.362	37.7154				1871.57422	RS-700	-0.330476517
1668	9/4/2019 7:14:16		-122.362	37.7154				1928.26203	RS-700	-0.048447612
1669	9/4/2019 7:14:17		-122.362	37.7154				1797.45907	RS-700	-0.699208607
1670	9/4/2019 7:14:18		-122.362	37.7155				1639.50065	RS-700	-1.485071393
1671	9/4/2019 7:14:19		-122.362	37.7155				1477.24242	RS-700	-2.292326269
1672	9/4/2019 7:14:20		-122.362	37.7155				1484.42383	RS-700	-2.256597861
1673	9/4/2019 7:14:21		-122.362	37.7155				1652.79014	RS-700	-1.418954527
1674	9/4/2019 7:14:22		-122.362	37.7155				1791.90688	RS-700	-0.726831443
1675	9/4/2019 7:14:23		-122.362	37.7155				1872.66202	RS-700	-0.325064577
1676	9/4/2019 7:14:24		-122.362	37.7155				1779.36373	RS-700	-0.789235174
1677	9/4/2019 7:14:25		-122.362	37.7155				1685.17434	RS-700	-1.257839104
1678	9/4/2019 7:14:26		-122.362	37.7155				1380.07246	RS-700	-2.775758905
1679	9/4/2019 7:14:27		-122.362	37.7155				863.04256	RS-700	-5.348046965
1680	9/4/2019 7:14:28		-122.362	37.7155				804.12646	RS-700	-5.641161891
1681	9/4/2019 7:14:29		-122.362	37.7155				843.04426	RS-700	-5.447540995
1682	9/4/2019 7:14:30		-122.362	37.7155				746.18877	RS-700	-5.929409104
1683	9/4/2019 7:14:31		-122.362	37.7155				695.0327	RS-700	-6.183916915
1684	9/4/2019 7:14:32		-122.362	37.7155				801.24707	RS-700	-5.655487214
1685	9/4/2019 7:14:33		-122.362	37.7155				1039.21254	RS-700	-4.471579403
1686	9/4/2019 7:14:34		-122.362	37.7155				1725.11743	RS-700	-1.059117264
1687	9/4/2019 7:14:35		-122.362	37.7155				1912.77651	RS-700	-0.12549
1688	9/4/2019 7:14:36		-122.362	37.7155				1841.37809	RS-700	-0.48070602
1689	9/4/2019 7:14:37		-122.362	37.7155				1854.93939	RS-700	-0.413236866
1690	9/4/2019 7:14:38		-122.362	37.7155				1873.38345	RS-700	-0.321475373
1691	9/4/2019 7:14:39		-122.362	37.7155				1794.36928	RS-700	-0.714580697
1692	9/4/2019 7:14:40		-122.362	37.7155				1909.99268	RS-700	-0.1393399
1693	9/4/2019 7:14:41		-122.362	37.7155				1904.29175	RS-700	-0.167702736
1694	9/4/2019 7:14:42		-122.362	37.7155				1964.09006	RS-700	0.129801294
1695	9/4/2019 7:14:43		-122.362	37.7155				1976.19367	RS-700	0.190018259
1696	9/4/2019 7:14:44		-122.362	37.7155				1945.59459	RS-700	0.03778403
1697	9/4/2019 7:14:45		-122.362	37.7155				1934.6874	RS-700	-0.016480597
1698	9/4/2019 7:14:46		-122.362	37.7155				2004.11673	RS-700	0.328938955
1699	9/4/2019 7:14:47		-122.362	37.7155				1949.69135	RS-700	0.05816592
1700	9/4/2019 7:14:48		-122.362	37.7155				2033.9252	RS-700	0.477239801
1701	9/4/2019 7:14:49		-122.362	37.7155				1996.90729	RS-700	0.293071095
1702	9/4/2019 7:14:50		-122.362	37.7155				2054.42396	RS-700	0.579223682
1703	9/4/2019 7:14:51		-122.362	37.7155				1917.77507	RS-700	-0.100621542
1704	9/4/2019 7:14:52		-122.362	37.7155				1975.53401	RS-700	0.186736368
1705	9/4/2019 7:14:53		-122.362	37.7155				1926.48701	RS-700	-0.057278557
1706	9/4/2019 7:14:54		-122.362	37.7155				1987.80647	RS-700	0.247793383
1707	9/4/2019 7:14:55		-122.362	37.7155				1854.65748	RS-700	-0.414639403

Gamma Scan Survey Results
Survey Unit 5 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
1708	9/4/2019 7:14:56		-122.362	37.7155				1945.88404	RS-700	0.03922408
1709	9/4/2019 7:14:57		-122.362	37.7155				1935.39473	RS-700	-0.012961542
1710	9/4/2019 7:14:58		-122.362	37.7155				1899.57965	RS-700	-0.19114602
1711	9/4/2019 7:14:59		-122.362	37.7155				1869.6665	RS-700	-0.339967662
1712	9/4/2019 7:15:00		-122.362	37.7155				1528.38654	RS-700	-2.03787791
1713	9/4/2019 7:15:01		-122.362	37.7155				1739.35964	RS-700	-0.988260498
1714	9/4/2019 7:15:02		-122.362	37.7155				1838.92979	RS-700	-0.492886617
1715	9/4/2019 7:15:03		-122.362	37.7155				1893.76604	RS-700	-0.220069453
1716	9/4/2019 7:15:04		-122.362	37.7156				1888.6756	RS-700	-0.245395025
1717	9/4/2019 7:15:05		-122.362	37.7156				1893.57672	RS-700	-0.221011343
1718	9/4/2019 7:15:06		-122.362	37.7156				1927.16558	RS-700	-0.053902587
1719	9/4/2019 7:15:07		-122.362	37.7156				1964.69467	RS-700	0.132809303
1720	9/4/2019 7:15:08		-122.362	37.7156				1946.30448	RS-700	0.041315821
1721	9/4/2019 7:15:09		-122.362	37.7156				2000.20225	RS-700	0.30946393
1722	9/4/2019 7:15:10		-122.362	37.7156				1895.67291	RS-700	-0.210582537
1723	9/4/2019 7:15:11		-122.362	37.7156				1934.49101	RS-700	-0.017457662
1724	9/4/2019 7:15:12		-122.362	37.7156				1921.6831	RS-700	-0.081178607
1725	9/4/2019 7:15:13		-122.362	37.7156				1815.55135	RS-700	-0.609197264
1726	9/4/2019 7:15:14		-122.362	37.7156				1783.79988	RS-700	-0.767164776
1727	9/4/2019 7:15:15		-122.362	37.7156				1834.74132	RS-700	-0.513724776
1728	9/4/2019 7:15:16		-122.362	37.7156				1885.67392	RS-700	-0.260328756
1729	9/4/2019 7:15:17		-122.362	37.7156				1869.6571	RS-700	-0.340014428
1730	9/4/2019 7:15:18		-122.362	37.7156				1926.16568	RS-700	-0.058877214
1731	9/4/2019 7:15:19		-122.362	37.7156				1915.68002	RS-700	-0.111044677
1732	9/4/2019 7:15:20		-122.362	37.7156				1938.78414	RS-700	0.003901194
1733	9/4/2019 7:15:21		-122.362	37.7156				1971.89615	RS-700	0.168637562
1734	9/4/2019 7:15:22		-122.362	37.7156				2012.615	RS-700	0.371218905
1735	9/4/2019 7:15:23		-122.362	37.7156				2058.85001	RS-700	0.601243831
1736	9/4/2019 7:15:24		-122.362	37.7156				1997.70814	RS-700	0.297055423
1737	9/4/2019 7:15:25		-122.362	37.7156				2022.92402	RS-700	0.422507562
1738	9/4/2019 7:15:26		-122.362	37.7156				2125.39238	RS-700	0.932300398
1739	9/4/2019 7:15:27		-122.362	37.7156				2165.2004	RS-700	1.130350249
1740	9/4/2019 7:15:28		-122.362	37.7156				2190.44684	RS-700	1.255954428
1741	9/4/2019 7:15:29		-122.362	37.7156				2119.75964	RS-700	0.904276816
1742	9/4/2019 7:15:30		-122.362	37.7156				2235.78094	RS-700	1.481497214
1743	9/4/2019 7:15:31		-122.362	37.7156				2181.19971	RS-700	1.209948806
1744	9/4/2019 7:15:32		-122.362	37.7156				2236.90858	RS-700	1.487107363
1745	9/4/2019 7:15:33		-122.362	37.7156				2183.77642	RS-700	1.222768259
1746	9/4/2019 7:15:34		-122.362	37.7156				2178.32148	RS-700	1.195629254
1747	9/4/2019 7:15:35		-122.362	37.7156				2178.77091	RS-700	1.197865224
1748	9/4/2019 7:15:36		-122.362	37.7156				2241.89954	RS-700	1.51193801
1749	9/4/2019 7:15:37		-122.362	37.7156				2343.59911	RS-700	2.01790602
1750	9/4/2019 7:15:38		-122.362	37.7156				2295.1586	RS-700	1.776908458
1751	9/4/2019 7:15:39		-122.362	37.7156				2420.03772	RS-700	2.398197612
1752	9/4/2019 7:15:40		-122.362	37.7156				2573.89311	RS-700	3.163647313
1753	9/4/2019 7:15:41		-122.362	37.7156				2508.62178	RS-700	2.838914328
1754	9/4/2019 7:15:42		-122.362	37.7156				2454.48555	RS-700	2.569579851
1755	9/4/2019 7:15:43		-122.362	37.7156				2382.10198	RS-700	2.209462587
1756	9/4/2019 7:15:44		-122.362	37.7156				2419.73814	RS-700	2.396707164
1757	9/4/2019 7:15:45		-122.362	37.7156				2468.37693	RS-700	2.638691194
1758	9/4/2019 7:15:46		-122.362	37.7156				2454.62557	RS-700	2.570276468
1759	9/4/2019 7:15:47		-122.362	37.7156				2378.32337	RS-700	2.190663532
1760	9/4/2019 7:15:48		-122.362	37.7156				2359.30512	RS-700	2.096045373
1761	9/4/2019 7:15:49		-122.362	37.7156				2475.00181	RS-700	2.671650796
1762	9/4/2019 7:15:50		-122.362	37.7157				2472.56331	RS-700	2.659518955
1763	9/4/2019 7:15:51		-122.362	37.7157				2493.38986	RS-700	2.763133632
1764	9/4/2019 7:15:52		-122.362	37.7157				2423.97956	RS-700	2.417808756
1765	9/4/2019 7:15:53		-122.362	37.7157				2440.51503	RS-700	2.500074776
1766	9/4/2019 7:15:54		-122.362	37.7157				2371.83308	RS-700	2.158373532
1767	9/4/2019 7:15:55		-122.362	37.7157				2400.09907	RS-700	2.299000348
1768	9/4/2019 7:15:56		-122.362	37.7157				2237.01169	RS-700	1.487620348

Gamma Scan Survey Results
Survey Unit 5 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
1769	9/4/2019 7:15:57		-122.362	37.7157				2258.36424	RS-700	1.59385194
1770	9/4/2019 7:15:58		-122.362	37.7157				2203.22761	RS-700	1.319540348
1771	9/4/2019 7:15:59		-122.362	37.7157				2207.22809	RS-700	1.339443234
1772	9/4/2019 7:16:00		-122.362	37.7157				2155.55856	RS-700	1.082380896
1773	9/4/2019 7:16:01		-122.362	37.7157				2191.03004	RS-700	1.25885592
1774	9/4/2019 7:16:02		-122.362	37.7157				2096.15848	RS-700	0.786858109
1775	9/4/2019 7:16:03		-122.362	37.7157				2121.41873	RS-700	0.912530995
1776	9/4/2019 7:16:04		-122.362	37.7157				2147.88024	RS-700	1.044180299
1777	9/4/2019 7:16:05		-122.362	37.7157				2196.21528	RS-700	1.284653134
1778	9/4/2019 7:16:06		-122.362	37.7157				2087.63783	RS-700	0.744466816
1779	9/4/2019 7:16:07		-122.362	37.7157				2067.24932	RS-700	0.643031443
1780	9/4/2019 7:16:08		-122.362	37.7157				2047.41804	RS-700	0.544368358
1781	9/4/2019 7:16:09		-122.362	37.7157				2083.26289	RS-700	0.722700945
1782	9/4/2019 7:16:10		-122.362	37.7157				2030.61814	RS-700	0.460786766
1783	9/4/2019 7:16:11		-122.362	37.7157				1959.40436	RS-700	0.106489353
1784	9/4/2019 7:16:12		-122.362	37.7157				1900.67383	RS-700	-0.185702338
1785	9/4/2019 7:16:13		-122.362	37.7157				1990.70281	RS-700	0.262203035
1786	9/4/2019 7:16:14		-122.362	37.7157				2006.81506	RS-700	0.342363483
1787	9/4/2019 7:16:15		-122.362	37.7157				1965.3985	RS-700	0.136310945
1788	9/4/2019 7:16:16		-122.362	37.7157				1981.12055	RS-700	0.2145301
1789	9/4/2019 7:16:17		-122.362	37.7157				2089.05395	RS-700	0.751512189
1790	9/4/2019 7:16:18		-122.362	37.7157				2027.02903	RS-700	0.442930498
1791	9/4/2019 7:16:19		-122.362	37.7157				2040.40911	RS-700	0.50949806
1792	9/4/2019 7:16:20		-122.362	37.7157				2148.42816	RS-700	1.046906269
1793	9/4/2019 7:16:21		-122.362	37.7157				2076.22301	RS-700	0.687676667
1794	9/4/2019 7:16:22		-122.362	37.7157				2047.92998	RS-700	0.546915323
1795	9/4/2019 7:16:23		-122.362	37.7157				1899.584	RS-700	-0.191124378
1796	9/4/2019 7:16:24		-122.362	37.7157				1751.09221	RS-700	-0.929889502
1797	9/4/2019 7:16:25		-122.362	37.7157				1703.12662	RS-700	-1.168524279
1798	9/4/2019 7:16:26		-122.362	37.7157				1775.90981	RS-700	-0.806418856
1799	9/4/2019 7:16:27		-122.362	37.7157				1981.30351	RS-700	0.215440348
1800	9/4/2019 7:16:28		-122.362	37.7157				1971.90097	RS-700	0.168661542
1801	9/4/2019 7:16:29		-122.362	37.7157				1980.70495	RS-700	0.212462438
1802	9/4/2019 7:16:30		-122.362	37.7158				1772.70726	RS-700	-0.82235194
1803	9/4/2019 7:16:31		-122.362	37.7158				1415.28889	RS-700	-2.600552786
1804	9/4/2019 7:16:32		-122.362	37.7158				833.13059	RS-700	-5.496862736
1805	9/4/2019 7:16:33		-122.362	37.7158				856.17484	RS-700	-5.382214726
1806	9/4/2019 7:16:34		-122.362	37.7158				900.04792	RS-700	-5.163940697
1807	9/4/2019 7:16:35		-122.362	37.7158				773.19654	RS-700	-5.79504209
1808	9/4/2019 7:16:36		-122.362	37.7158				783.121	RS-700	-5.745666667
1809	9/4/2019 7:16:37		-122.362	37.7158				1207.43029	RS-700	-3.634675174
1810	9/4/2019 7:16:38		-122.362	37.7158				1780.54262	RS-700	-0.78337005
1811	9/4/2019 7:16:39		-122.362	37.7158				1922.37956	RS-700	-0.077713632
1812	9/4/2019 7:16:40		-122.362	37.7158				1912.98583	RS-700	-0.124448607
1813	9/4/2019 7:16:41		-122.362	37.7158				1970.50024	RS-700	0.161692736
1814	9/4/2019 7:16:42		-122.362	37.7158				2064.25357	RS-700	0.628127214
1815	9/4/2019 7:16:43		-122.362	37.7158				2052.93522	RS-700	0.571817015
1816	9/4/2019 7:16:44		-122.362	37.7158				2058.64155	RS-700	0.600206716
1817	9/4/2019 7:16:45		-122.362	37.7158				2045.93139	RS-700	0.53697209
1818	9/4/2019 7:16:46		-122.362	37.7158				2048.41825	RS-700	0.549344527
1819	9/4/2019 7:16:47		-122.362	37.7158				2171.2358	RS-700	1.160377114
1820	9/4/2019 7:16:48		-122.362	37.7158				2109.27658	RS-700	0.852122289
1821	9/4/2019 7:16:49		-122.362	37.7158				2119.43546	RS-700	0.90266398
1822	9/4/2019 7:16:50		-122.362	37.7158				2002.81699	RS-700	0.322472587
1823	9/4/2019 7:16:51		-122.362	37.7158				2016.23729	RS-700	0.389240249
1824	9/4/2019 7:16:52		-122.362	37.7158				2035.34092	RS-700	0.484283184
1825	9/4/2019 7:16:53		-122.362	37.7158				2038.71969	RS-700	0.501092985
1826	9/4/2019 7:16:54		-122.362	37.7158				1989.20852	RS-700	0.254768756
1827	9/4/2019 7:16:55		-122.362	37.7158				1938.88089	RS-700	0.004382537
1828	9/4/2019 7:16:56		-122.362	37.7158				1994.92345	RS-700	0.283201244
1829	9/4/2019 7:16:57		-122.362	37.7158				1967.89706	RS-700	0.148741592

Gamma Scan Survey Results
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SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
1830	9/4/2019 7:16:58		-122.362	37.7158				1956.89116	RS-700	0.093985871
1831	9/4/2019 7:16:59		-122.362	37.7158				1862.66125	RS-700	-0.374819652
1832	9/4/2019 7:17:00		-122.362	37.7158				1714.35124	RS-700	-1.112680398
1833	9/4/2019 7:17:01		-122.362	37.7158				1807.17771	RS-700	-0.650857164
1834	9/4/2019 7:17:02		-122.362	37.7158				1798.45749	RS-700	-0.694241343
1835	9/4/2019 7:17:03		-122.362	37.7158				1773.36178	RS-700	-0.819095622
1836	9/4/2019 7:17:04		-122.362	37.7158				1698.11817	RS-700	-1.19344194
1837	9/4/2019 7:17:05		-122.362	37.7158				1725.78421	RS-700	-1.05579995
1838	9/4/2019 7:17:06		-122.362	37.7158				1783.80681	RS-700	-0.767130299
1839	9/4/2019 7:17:07		-122.362	37.7158				1715.78891	RS-700	-1.105527811
1840	9/4/2019 7:17:08		-122.362	37.7158				1751.44464	RS-700	-0.928136119
1841	9/4/2019 7:17:09		-122.362	37.7158				1675.42914	RS-700	-1.306322687
1842	9/4/2019 7:17:10		-122.362	37.7158				1734.09354	RS-700	-1.01446
1843	9/4/2019 7:17:11		-122.362	37.7158				1767.52917	RS-700	-0.848113582
1844	9/4/2019 7:17:12		-122.362	37.7159				1759.62802	RS-700	-0.887422786
1845	9/4/2019 7:17:13		-122.363	37.7159				1890.22604	RS-700	-0.237681393
1846	9/4/2019 7:17:14		-122.363	37.7159				1824.10108	RS-700	-0.566661294
1847	9/4/2019 7:17:15		-122.363	37.7159				1830.10371	RS-700	-0.536797463
1848	9/4/2019 7:17:16		-122.363	37.7159				1866.47754	RS-700	-0.355833134
1849	9/4/2019 7:17:17		-122.363	37.7159				1863.56456	RS-700	-0.370325572
1850	9/4/2019 7:17:18		-122.363	37.7159				1835.74459	RS-700	-0.508733383
1851	9/4/2019 7:17:19		-122.363	37.7159				1916.06277	RS-700	-0.109140448
1852	9/4/2019 7:17:20		-122.363	37.7159				1907.86907	RS-700	-0.149905124
1853	9/4/2019 7:17:21		-122.363	37.7159				1931.2987	RS-700	-0.033339801
1854	9/4/2019 7:17:22		-122.363	37.7159				1864.9427	RS-700	-0.363469154
1855	9/4/2019 7:17:23		-122.363	37.7159				2024.81929	RS-700	0.431936766
1856	9/4/2019 7:17:24		-122.363	37.7159				1972.81445	RS-700	0.173206219
1857	9/4/2019 7:17:25		-122.363	37.7159				1967.79193	RS-700	0.148218557
1858	9/4/2019 7:17:26		-122.363	37.7159				2016.61482	RS-700	0.391118507
1859	9/4/2019 7:17:27		-122.363	37.7159				2027.81347	RS-700	0.446833184
1860	9/4/2019 7:17:28		-122.363	37.7159				1985.8033	RS-700	0.237827363
1861	9/4/2019 7:17:29		-122.363	37.7159				1971.70181	RS-700	0.167670697
1862	9/4/2019 7:17:30		-122.363	37.7159				2004.50703	RS-700	0.330880746
1863	9/4/2019 7:17:31		-122.363	37.7159				1961.49938	RS-700	0.116912338
1864	9/4/2019 7:17:32		-122.363	37.7159				1982.30222	RS-700	0.220409055
1865	9/4/2019 7:17:33		-122.363	37.7159				1923.76647	RS-700	-0.070813582
1866	9/4/2019 7:17:34		-122.363	37.7159				1996.80939	RS-700	0.29258403
1867	9/4/2019 7:17:35		-122.363	37.7159				1950.45406	RS-700	0.061960498
1868	9/4/2019 7:17:36		-122.363	37.7159				1984.7966	RS-700	0.232818905
1869	9/4/2019 7:17:37		-122.363	37.7159				1986.8047	RS-700	0.242809453
1870	9/4/2019 7:17:38		-122.363	37.7159				2012.62027	RS-700	0.371245124
1871	9/4/2019 7:17:39		-122.363	37.7159				2059.1418	RS-700	0.602695522
1872	9/4/2019 7:17:40		-122.363	37.7159				2092.63778	RS-700	0.769342189
1873	9/4/2019 7:17:41		-122.363	37.7159				2081.73779	RS-700	0.715113383
1874	9/4/2019 7:17:42		-122.363	37.7159				2033.72443	RS-700	0.476240945
1875	9/4/2019 7:17:43		-122.363	37.7159				2042.63832	RS-700	0.520588657
1876	9/4/2019 7:17:44		-122.363	37.7159				2041.03561	RS-700	0.512614975
1877	9/4/2019 7:17:45		-122.363	37.7159				2054.31786	RS-700	0.578695821
1878	9/4/2019 7:17:46		-122.363	37.7159				2079.9498	RS-700	0.70621791
1879	9/4/2019 7:17:47		-122.363	37.7159				2102.43662	RS-700	0.818092637
1880	9/4/2019 7:17:48		-122.363	37.7159				2090.74475	RS-700	0.759924129
1881	9/4/2019 7:17:49		-122.363	37.7159				2046.72444	RS-700	0.540917612
1882	9/4/2019 7:17:50		-122.363	37.7159				1996.90911	RS-700	0.293080149
1883	9/4/2019 7:17:51		-122.363	37.7159				2061.62802	RS-700	0.615064776
1884	9/4/2019 7:17:52		-122.363	37.7159				2062.14009	RS-700	0.617612388
1885	9/4/2019 7:17:53		-122.363	37.7159				2070.58631	RS-700	0.659633383
1886	9/4/2019 7:17:54		-122.363	37.7159				2063.62831	RS-700	0.625016468
1887	9/4/2019 7:17:55		-122.363	37.7159				2109.07984	RS-700	0.851143483
1888	9/4/2019 7:17:56		-122.363	37.716				2092.05681	RS-700	0.766451791
1889	9/4/2019 7:17:57		-122.363	37.716				2110.0549	RS-700	0.855994527
1890	9/4/2019 7:17:58		-122.363	37.716				2080.43482	RS-700	0.708630945

Gamma Scan Survey Results
Survey Unit 5 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
1891	9/4/2019 7:17:59		-122.363	37.716				2142.42431	RS-700	1.017036368
1892	9/4/2019 7:18:00		-122.363	37.716				2112.32337	RS-700	0.867280448
1893	9/4/2019 7:18:01		-122.363	37.716				2092.53417	RS-700	0.768826716
1894	9/4/2019 7:18:02		-122.363	37.716				2080.32481	RS-700	0.708083632
1895	9/4/2019 7:18:03		-122.363	37.716				2031.93002	RS-700	0.467313532
1896	9/4/2019 7:18:04		-122.363	37.716				1975.69467	RS-700	0.187535672
1897	9/4/2019 7:18:05		-122.363	37.716				1983.50947	RS-700	0.226415274
1898	9/4/2019 7:18:06		-122.363	37.716				2010.91824	RS-700	0.362777313
1899	9/4/2019 7:18:07		-122.363	37.716				1974.99482	RS-700	0.184053831
1900	9/4/2019 7:18:08		-122.363	37.716				1980.5124	RS-700	0.211504478
1901	9/4/2019 7:18:09		-122.363	37.716				2049.25378	RS-700	0.553501393
1902	9/4/2019 7:18:10		-122.363	37.716				2067.93871	RS-700	0.646461244
1903	9/4/2019 7:18:11		-122.363	37.716				1997.31281	RS-700	0.295088607
1904	9/4/2019 7:18:12		-122.363	37.716				2092.27227	RS-700	0.767523731
1905	9/4/2019 7:18:13		-122.363	37.716				2036.03029	RS-700	0.487712886
1906	9/4/2019 7:18:14		-122.363	37.716				2027.12981	RS-700	0.443431891
1907	9/4/2019 7:18:15		-122.363	37.716				2069.84484	RS-700	0.655944478
1908	9/4/2019 7:18:16		-122.363	37.716				2043.72596	RS-700	0.525999801
1909	9/4/2019 7:18:17		-122.363	37.716				1954.99194	RS-700	0.084537015
1910	9/4/2019 7:18:18		-122.363	37.716				2106.43209	RS-700	0.837970597
1911	9/4/2019 7:18:19		-122.363	37.716				2012.81403	RS-700	0.372209104
1912	9/4/2019 7:18:20		-122.363	37.716				2037.41637	RS-700	0.494608806
1913	9/4/2019 7:18:21		-122.363	37.716				1728.52822	RS-700	-1.042148159
1914	9/4/2019 7:18:22		-122.363	37.716				1487.22695	RS-700	-2.24265199
1915	9/4/2019 7:18:23		-122.363	37.716				1681.94077	RS-700	-1.273926517
1916	9/4/2019 7:18:24		-122.363	37.716				1986.70477	RS-700	0.242312289
1917	9/4/2019 7:18:25		-122.363	37.716				2023.44573	RS-700	0.425103134
1918	9/4/2019 7:18:26		-122.363	37.716				1911.67808	RS-700	-0.130954826
1919	9/4/2019 7:18:27		-122.363	37.716				1808.72147	RS-700	-0.643176766
1920	9/4/2019 7:18:28		-122.363	37.716				1530.31486	RS-700	-2.028284279
1921	9/4/2019 7:18:29		-122.363	37.716				1462.77447	RS-700	-2.364306119
1922	9/4/2019 7:18:30		-122.363	37.716				1527.66215	RS-700	-2.041481841
1923	9/4/2019 7:18:31		-122.363	37.716				1811.3574	RS-700	-0.630062687
1924	9/4/2019 7:18:32		-122.363	37.716				1898.30797	RS-700	-0.197472786
1925	9/4/2019 7:18:33		-122.363	37.716				1936.98171	RS-700	-0.005066119
1926	9/4/2019 7:18:34		-122.363	37.716				1878.66495	RS-700	-0.295199254
1927	9/4/2019 7:18:35		-122.363	37.716				1449.29844	RS-700	-2.431351045
1928	9/4/2019 7:18:36		-122.363	37.7161				1063.21873	RS-700	-4.352145622
1929	9/4/2019 7:18:37		-122.363	37.7161				1007.15756	RS-700	-4.631056915
1930	9/4/2019 7:18:38		-122.363	37.7161				1099.38387	RS-700	-4.172219552
1931	9/4/2019 7:18:39		-122.363	37.7161				1529.46244	RS-700	-2.032525174
1932	9/4/2019 7:18:40		-122.363	37.7161				1838.10349	RS-700	-0.496997562
1933	9/4/2019 7:18:41		-122.363	37.7161				1988.6064	RS-700	0.251773134
1934	9/4/2019 7:18:42		-122.363	37.7161				1969.5994	RS-700	0.157210945
1935	9/4/2019 7:18:43		-122.363	37.7161				1970.7862	RS-700	0.163115423
1936	9/4/2019 7:18:44		-122.363	37.7161				2031.72211	RS-700	0.466279154
1937	9/4/2019 7:18:45		-122.363	37.7161				1953.79007	RS-700	0.078557562
1938	9/4/2019 7:18:46		-122.363	37.7161				1913.78058	RS-700	-0.120494627
1939	9/4/2019 7:18:47		-122.363	37.7161				1977.00771	RS-700	0.194068209
1940	9/4/2019 7:18:48		-122.363	37.7161				1959.59977	RS-700	0.107461542
1941	9/4/2019 7:18:49		-122.363	37.7161				1916.96599	RS-700	-0.104646816
1942	9/4/2019 7:18:50		-122.363	37.7161				1866.65515	RS-700	-0.354949502
1943	9/4/2019 7:18:51		-122.363	37.7161				2027.75213	RS-700	0.44652801
1944	9/4/2019 7:18:52		-122.363	37.7161				2141.74735	RS-700	1.013668408
1945	9/4/2019 7:18:53		-122.363	37.7161				2078.73474	RS-700	0.700172836
1946	9/4/2019 7:18:54		-122.363	37.7161				2171.10614	RS-700	1.15973204
1947	9/4/2019 7:18:55		-122.363	37.7161				2195.12081	RS-700	1.27920801
1948	9/4/2019 7:18:56		-122.363	37.7161				2094.1661	RS-700	0.776945771
1949	9/4/2019 7:18:57		-122.363	37.7161				2123.98956	RS-700	0.925321194
1950	9/4/2019 7:18:58		-122.363	37.7161				2168.87758	RS-700	1.148644677
1951	9/4/2019 7:18:59		-122.363	37.7161				2182.98734	RS-700	1.218842488

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SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
1952	9/4/2019 7:19:00		-122.363	37.7161				2123.64335	RS-700	0.923598756
1953	9/4/2019 7:19:01		-122.363	37.7161				2195.10754	RS-700	1.27914199
1954	9/4/2019 7:19:02		-122.363	37.7161				2141.65185	RS-700	1.013193284
1955	9/4/2019 7:19:03		-122.363	37.7161				2163.39721	RS-700	1.121379154
1956	9/4/2019 7:19:04		-122.363	37.7161				2213.12267	RS-700	1.368769502
1957	9/4/2019 7:19:05		-122.363	37.7161				2064.52589	RS-700	0.62948204
1958	9/4/2019 7:19:06		-122.363	37.7161				2151.49309	RS-700	1.062154677
1959	9/4/2019 7:19:07		-122.363	37.7161				2085.53028	RS-700	0.733981493
1960	9/4/2019 7:19:08		-122.363	37.7161				2132.75715	RS-700	0.968941045
1961	9/4/2019 7:19:09		-122.363	37.7161				2066.62782	RS-700	0.639939403
1962	9/4/2019 7:19:10		-122.363	37.7161				2122.85679	RS-700	0.919685522
1963	9/4/2019 7:19:11		-122.363	37.7161				2070.63118	RS-700	0.659856617
1964	9/4/2019 7:19:12		-122.363	37.7161				2145.76461	RS-700	1.033654776
1965	9/4/2019 7:19:13		-122.363	37.7161				2136.85476	RS-700	0.989327164
1966	9/4/2019 7:19:14		-122.363	37.7161				2104.64108	RS-700	0.8290601
1967	9/4/2019 7:19:15		-122.363	37.7161				2015.51486	RS-700	0.38564607
1968	9/4/2019 7:19:16		-122.363	37.7161				2083.2736	RS-700	0.722754229
1969	9/4/2019 7:19:17		-122.363	37.7161				2170.09732	RS-700	1.154713035
1970	9/4/2019 7:19:18		-122.363	37.7161				2192.78058	RS-700	1.267565075
1971	9/4/2019 7:19:19		-122.363	37.7161				2110.21812	RS-700	0.856806567
1972	9/4/2019 7:19:20		-122.363	37.7161				2132.09021	RS-700	0.965622935
1973	9/4/2019 7:19:21		-122.363	37.7161				2156.65666	RS-700	1.08784408
1974	9/4/2019 7:19:22		-122.363	37.7161				2116.18013	RS-700	0.886468308
1975	9/4/2019 7:19:23		-122.363	37.7161				2180.88607	RS-700	1.208388408
1976	9/4/2019 7:19:24		-122.363	37.7161				2086.85616	RS-700	0.74057791
1977	9/4/2019 7:19:25		-122.363	37.7161				2240.13014	RS-700	1.503135025
1978	9/4/2019 7:19:26		-122.363	37.7161				2120.6464	RS-700	0.908688557
1979	9/4/2019 7:19:27		-122.363	37.7161				2174.3184	RS-700	1.175713433
1980	9/4/2019 7:19:28		-122.363	37.7161				2069.3065	RS-700	0.653266169
1981	9/4/2019 7:19:29		-122.363	37.7161				2115.07399	RS-700	0.880965124
1982	9/4/2019 7:19:30		-122.363	37.7161				2169.77558	RS-700	1.153112338
1983	9/4/2019 7:19:31		-122.363	37.7161				2175.12415	RS-700	1.179722139
1984	9/4/2019 7:19:32		-122.363	37.7161				2136.29014	RS-700	0.986518109
1985	9/4/2019 7:19:33		-122.363	37.7161				2149.08362	RS-700	1.050167264
1986	9/4/2019 7:19:34		-122.363	37.7161				2086.84621	RS-700	0.740528408
1987	9/4/2019 7:19:35		-122.363	37.7161				1976.70092	RS-700	0.192541891
1988	9/4/2019 7:19:36		-122.363	37.7161				1858.37978	RS-700	-0.396120498
1989	9/4/2019 7:19:37		-122.363	37.7161				1843.75415	RS-700	-0.468884826
1990	9/4/2019 7:19:38		-122.363	37.7161				1810.46228	RS-700	-0.63451602
1991	9/4/2019 7:19:39		-122.363	37.7161				1744.44199	RS-700	-0.962975174
1992	9/4/2019 7:19:40		-122.363	37.7161				1735.51946	RS-700	-1.007365871
1993	9/4/2019 7:19:41		-122.363	37.7161				1663.33256	RS-700	-1.366504677
1994	9/4/2019 7:19:42		-122.363	37.7161				1732.4397	RS-700	-1.02268806
1995	9/4/2019 7:19:43		-122.363	37.7161				1690.35538	RS-700	-1.232062786
1996	9/4/2019 7:19:44		-122.363	37.7161				1720.44447	RS-700	-1.082365821
1997	9/4/2019 7:19:45		-122.363	37.7161				1673.49984	RS-700	-1.315921194
1998	9/4/2019 7:19:46		-122.363	37.7161				1741.78552	RS-700	-0.976191443
1999	9/4/2019 7:19:47		-122.363	37.7161				1729.52101	RS-700	-1.037208905
2000	9/4/2019 7:19:48		-122.363	37.7161				1694.6763	RS-700	-1.210565672
2001	9/4/2019 7:19:49		-122.363	37.7161				1669.83336	RS-700	-1.334162388
2002	9/4/2019 7:19:50		-122.363	37.7161				1758.53231	RS-700	-0.89287408
2003	9/4/2019 7:19:51		-122.363	37.7161				1758.79253	RS-700	-0.891579453
2004	9/4/2019 7:19:52		-122.363	37.7161				1708.43733	RS-700	-1.142102836
2005	9/4/2019 7:19:53		-122.363	37.7161				1741.81972	RS-700	-0.976021294
2006	9/4/2019 7:19:54		-122.363	37.7161				1701.63323	RS-700	-1.17595408
2007	9/4/2019 7:19:55		-122.363	37.7161				1504.53653	RS-700	-2.156534677
2008	9/4/2019 7:19:56		-122.363	37.7161				1380.48836	RS-700	-2.773689751
2009	9/4/2019 7:19:57		-122.363	37.7161				1314.13762	RS-700	-3.103792935
2010	9/4/2019 7:19:58		-122.363	37.7161				1339.4179	RS-700	-2.978020398
2011	9/4/2019 7:19:59		-122.363	37.7161				1279.45567	RS-700	-3.27633995
2012	9/4/2019 7:20:00		-122.363	37.7161				1242.50665	RS-700	-3.46016592

Gamma Scan Survey Results
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SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
2013	9/4/2019 7:20:01		-122.363	37.7161				1164.29238	RS-700	-3.849291642
2014	9/4/2019 7:20:02		-122.363	37.7161				1010.25958	RS-700	-4.61562398
2015	9/4/2019 7:20:03		-122.363	37.7161				1067.25651	RS-700	-4.332057164
2016	9/4/2019 7:20:04		-122.363	37.7161				1220.12549	RS-700	-3.571514975
2017	9/4/2019 7:20:05		-122.363	37.7161				1272.32468	RS-700	-3.311817512
2018	9/4/2019 7:20:06		-122.363	37.7161				1321.46962	RS-700	-3.067315323
2019	9/4/2019 7:20:07		-122.363	37.7161				1499.68523	RS-700	-2.180670498
2020	9/4/2019 7:20:08		-122.363	37.7161				1572.48063	RS-700	-1.818504328
2021	9/4/2019 7:20:09		-122.363	37.7161				1743.18088	RS-700	-0.969249353
2022	9/4/2019 7:20:10		-122.363	37.7161				1697.60117	RS-700	-1.19601408
2023	9/4/2019 7:20:11		-122.363	37.7161				1649.34408	RS-700	-1.436099104
2024	9/4/2019 7:20:12		-122.363	37.7161				1626.57573	RS-700	-1.549374478
2025	9/4/2019 7:20:13		-122.363	37.7161				1590.40612	RS-700	-1.729322786
2026	9/4/2019 7:20:14		-122.363	37.7161				1619.73529	RS-700	-1.583406517
2027	9/4/2019 7:20:15		-122.363	37.7161				1604.32716	RS-700	-1.660063881
2028	9/4/2019 7:20:16		-122.363	37.7161				1554.62905	RS-700	-1.907318159
2029	9/4/2019 7:20:17		-122.363	37.7161				1620.65231	RS-700	-1.578844229
2030	9/4/2019 7:20:18		-122.363	37.7161				1601.46509	RS-700	-1.674303035
2031	9/4/2019 7:20:19		-122.363	37.7161				1604.13087	RS-700	-1.661040448
2032	9/4/2019 7:20:20		-122.363	37.7161				1638.41692	RS-700	-1.490463085
2033	9/4/2019 7:20:21		-122.363	37.7161				1658.91215	RS-700	-1.388496766
2034	9/4/2019 7:20:22		-122.363	37.7161				1659.42535	RS-700	-1.385943532
2035	9/4/2019 7:20:23		-122.363	37.7161				1641.50271	RS-700	-1.475110896
2036	9/4/2019 7:20:24		-122.363	37.7161				1613.65441	RS-700	-1.613659652
2037	9/4/2019 7:20:25		-122.363	37.7161				1616.25205	RS-700	-1.60073607
2038	9/4/2019 7:20:26		-122.363	37.7161				1719.35604	RS-700	-1.087780896
2039	9/4/2019 7:20:27		-122.363	37.7161				1663.50688	RS-700	-1.365637413
2040	9/4/2019 7:20:28		-122.363	37.7161				1706.60661	RS-700	-1.151210896
2041	9/4/2019 7:20:29		-122.363	37.7161				1709.69146	RS-700	-1.135863383
2042	9/4/2019 7:20:30		-122.363	37.7161				1832.35956	RS-700	-0.525574328
2043	9/4/2019 7:20:31		-122.363	37.7161				1839.66554	RS-700	-0.489226169
2044	9/4/2019 7:20:32		-122.363	37.7161				1911.57931	RS-700	-0.131446219
2045	9/4/2019 7:20:33		-122.363	37.7161				1947.39929	RS-700	0.046762637
2046	9/4/2019 7:20:34		-122.363	37.7161				1937.49758	RS-700	-0.002499602
2047	9/4/2019 7:20:35		-122.363	37.7161				1921.58476	RS-700	-0.081667861
2048	9/4/2019 7:20:36		-122.363	37.7161				1929.38238	RS-700	-0.042873731
2049	9/4/2019 7:20:37		-122.363	37.7161				1960.90284	RS-700	0.113944478
2050	9/4/2019 7:20:38		-122.363	37.7161				1959.20455	RS-700	0.105495274
2051	9/4/2019 7:20:39		-122.363	37.7162				1949.59314	RS-700	0.057677313
2052	9/4/2019 7:20:40		-122.363	37.7162				2041.5185	RS-700	0.515017413
2053	9/4/2019 7:20:41		-122.363	37.7162				1959.69519	RS-700	0.107936269
2054	9/4/2019 7:20:42		-122.363	37.7162				1989.805	RS-700	0.257736318
2055	9/4/2019 7:20:43		-122.363	37.7162				1981.62071	RS-700	0.217018458
2056	9/4/2019 7:20:44		-122.363	37.7162				1978.39982	RS-700	0.200994129
2057	9/4/2019 7:20:45		-122.363	37.7162				1950.18795	RS-700	0.060636567
2058	9/4/2019 7:20:46		-122.363	37.7162				2008.91419	RS-700	0.352806915
2059	9/4/2019 7:20:47		-122.363	37.7162				1994.50595	RS-700	0.281124129
2060	9/4/2019 7:20:48		-122.363	37.7162				2001.73295	RS-700	0.317079353
2061	9/4/2019 7:20:49		-122.363	37.7162				1905.87012	RS-700	-0.159850149
2062	9/4/2019 7:20:50		-122.363	37.7162				1938.78614	RS-700	0.003911144
2063	9/4/2019 7:20:51		-122.363	37.7162				1952.68089	RS-700	0.073039254
2064	9/4/2019 7:20:52		-122.363	37.7162				1883.87996	RS-700	-0.26925393
2065	9/4/2019 7:20:53		-122.363	37.7162				2036.42482	RS-700	0.489675721
2066	9/4/2019 7:20:54		-122.363	37.7162				2045.51836	RS-700	0.534917214
2067	9/4/2019 7:20:55		-122.363	37.7162				2053.3434	RS-700	0.573847761
2068	9/4/2019 7:20:56		-122.363	37.7162				1967.71284	RS-700	0.147825075
2069	9/4/2019 7:20:57		-122.363	37.7162				1954.69012	RS-700	0.083035423
2070	9/4/2019 7:20:58		-122.363	37.7162				1930.97513	RS-700	-0.034949602
2071	9/4/2019 7:20:59		-122.363	37.7162				1961.50212	RS-700	0.11692597
2072	9/4/2019 7:21:00		-122.363	37.7162				1994.99693	RS-700	0.283566816
2073	9/4/2019 7:21:01		-122.363	37.7162				2007.51207	RS-700	0.345831194

Gamma Scan Survey Results
Survey Unit 5 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
2074	9/4/2019 7:21:02		-122.363	37.7162				2050.33721	RS-700	0.558891592
2075	9/4/2019 7:21:03		-122.363	37.7162				1921.96912	RS-700	-0.079755622
2076	9/4/2019 7:21:04		-122.363	37.7162				2133.86575	RS-700	0.974456468
2077	9/4/2019 7:21:05		-122.363	37.7162				2054.52708	RS-700	0.579736716
2078	9/4/2019 7:21:06		-122.363	37.7162				2057.83968	RS-700	0.596217313
2079	9/4/2019 7:21:07		-122.363	37.7162				2062.24786	RS-700	0.618148557
2080	9/4/2019 7:21:08		-122.363	37.7162				2071.52853	RS-700	0.664321045
2081	9/4/2019 7:21:09		-122.363	37.7162				2033.82686	RS-700	0.476750547
2082	9/4/2019 7:21:10		-122.363	37.7162				2104.85672	RS-700	0.830132935
2083	9/4/2019 7:21:11		-122.363	37.7162				2075.84661	RS-700	0.68580403
2084	9/4/2019 7:21:12		-122.363	37.7162				2087.15943	RS-700	0.742086716
2085	9/4/2019 7:21:13		-122.363	37.7162				2028.92714	RS-700	0.452373831
2086	9/4/2019 7:21:14		-122.363	37.7162				2121.28732	RS-700	0.911877214
2087	9/4/2019 7:21:15		-122.363	37.7162				2015.51367	RS-700	0.385640149
2088	9/4/2019 7:21:16		-122.363	37.7162				1985.10312	RS-700	0.234343881
2089	9/4/2019 7:21:17		-122.363	37.7162				2123.96474	RS-700	0.925197711
2090	9/4/2019 7:21:18		-122.363	37.7162				2069.73992	RS-700	0.655422488
2091	9/4/2019 7:21:19		-122.363	37.7162				2080.63385	RS-700	0.709621144
2092	9/4/2019 7:21:20		-122.363	37.7162				2113.64542	RS-700	0.873857811
2093	9/4/2019 7:21:21		-122.363	37.7162				2086.74046	RS-700	0.740002289
2094	9/4/2019 7:21:22		-122.363	37.7162				2079.94477	RS-700	0.706192886
2095	9/4/2019 7:21:23		-122.363	37.7162				2121.17457	RS-700	0.911316269
2096	9/4/2019 7:21:24		-122.363	37.7162				2107.44236	RS-700	0.842996816
2097	9/4/2019 7:21:25		-122.363	37.7162				2115.17313	RS-700	0.881458358
2098	9/4/2019 7:21:26		-122.363	37.7162				2024.42861	RS-700	0.429993085
2099	9/4/2019 7:21:27		-122.363	37.7162				2164.65902	RS-700	1.127656816
2100	9/4/2019 7:21:28		-122.363	37.7162				2079.15617	RS-700	0.702269502
2101	9/4/2019 7:21:29		-122.363	37.7162				2117.85025	RS-700	0.894777363
2102	9/4/2019 7:21:30		-122.363	37.7162				2111.7534	RS-700	0.864444776
2103	9/4/2019 7:21:31		-122.363	37.7162				2125.97104	RS-700	0.935179303
2104	9/4/2019 7:21:32		-122.363	37.7162				2158.09531	RS-700	1.095001542
2105	9/4/2019 7:21:33		-122.363	37.7162				2104.11534	RS-700	0.826444478
2106	9/4/2019 7:21:34		-122.363	37.7162				2034.42309	RS-700	0.479716866
2107	9/4/2019 7:21:35		-122.363	37.7162				2054.72784	RS-700	0.580735522
2108	9/4/2019 7:21:36		-122.363	37.7162				2054.5247	RS-700	0.579724876
2109	9/4/2019 7:21:37		-122.363	37.7162				2040.81717	RS-700	0.511528209
2110	9/4/2019 7:21:38		-122.363	37.7162				2055.04856	RS-700	0.582331144
2111	9/4/2019 7:21:39		-122.363	37.7162				2031.72107	RS-700	0.46627398
2112	9/4/2019 7:21:40		-122.363	37.7162				1999.22608	RS-700	0.304607363
2113	9/4/2019 7:21:41		-122.363	37.7162				2094.15821	RS-700	0.776906517
2114	9/4/2019 7:21:42		-122.363	37.7162				2168.55735	RS-700	1.147051493
2115	9/4/2019 7:21:43		-122.363	37.7162				2160.07817	RS-700	1.104866517
2116	9/4/2019 7:21:44		-122.363	37.7162				2077.15759	RS-700	0.692326318
2117	9/4/2019 7:21:45		-122.363	37.7162				2183.44757	RS-700	1.221132189
2118	9/4/2019 7:21:46		-122.363	37.7162				2079.32824	RS-700	0.703125572
2119	9/4/2019 7:21:47		-122.363	37.7162				2140.07625	RS-700	1.005354478
2120	9/4/2019 7:21:48		-122.363	37.7162				2158.98774	RS-700	1.099441493
2121	9/4/2019 7:21:49		-122.363	37.7162				2089.52845	RS-700	0.753872886
2122	9/4/2019 7:21:50		-122.363	37.7162				2046.62497	RS-700	0.540422736
2123	9/4/2019 7:21:51		-122.363	37.7162				2127.43331	RS-700	0.942454279
2124	9/4/2019 7:21:52		-122.363	37.7162				2106.43103	RS-700	0.837965323
2125	9/4/2019 7:21:53		-122.363	37.7162				2039.51684	RS-700	0.505058905
2126	9/4/2019 7:21:54		-122.363	37.7162				2091.42844	RS-700	0.763325572
2127	9/4/2019 7:21:55		-122.363	37.7162				2153.08704	RS-700	1.070084776
2128	9/4/2019 7:21:56		-122.363	37.7162				2102.64355	RS-700	0.819122139
2129	9/4/2019 7:21:57		-122.363	37.7162				2182.67826	RS-700	1.217304776
2130	9/4/2019 7:21:58		-122.363	37.7162				2070.83155	RS-700	0.660853483
2131	9/4/2019 7:21:59		-122.363	37.7162				2049.72824	RS-700	0.555861891
2132	9/4/2019 7:22:00		-122.363	37.7162				2223.57261	RS-700	1.420759254
2133	9/4/2019 7:22:01		-122.363	37.7162				2139.43589	RS-700	1.002168607
2134	9/4/2019 7:22:02		-122.363	37.7162				2071.05031	RS-700	0.661941841

Gamma Scan Survey Results
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SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
2135	9/4/2019 7:22:03		-122.363	37.7162				2214.8965	RS-700	1.377594527
2136	9/4/2019 7:22:04		-122.363	37.7162				2086.53029	RS-700	0.738956667
2137	9/4/2019 7:22:05		-122.363	37.7162				2098.53352	RS-700	0.798674229
2138	9/4/2019 7:22:06		-122.363	37.7162				2090.15274	RS-700	0.756978806
2139	9/4/2019 7:22:07		-122.363	37.7162				2052.52815	RS-700	0.569791791
2140	9/4/2019 7:22:08		-122.363	37.7162				2128.76198	RS-700	0.949064577
2141	9/4/2019 7:22:09		-122.363	37.7162				2077.74003	RS-700	0.69522403
2142	9/4/2019 7:22:10		-122.363	37.7162				1998.61023	RS-700	0.301543433
2143	9/4/2019 7:22:11		-122.363	37.7162				2140.65443	RS-700	1.008230995
2144	9/4/2019 7:22:12		-122.363	37.7162				2131.3272	RS-700	0.961826866
2145	9/4/2019 7:22:13		-122.363	37.7162				2071.75671	RS-700	0.665456269
2146	9/4/2019 7:22:14		-122.363	37.7162				2089.63723	RS-700	0.75441408
2147	9/4/2019 7:22:15		-122.363	37.7162				2116.10382	RS-700	0.886088657
2148	9/4/2019 7:22:16		-122.363	37.7162				2071.31917	RS-700	0.663279453
2149	9/4/2019 7:22:17		-122.363	37.7162				2134.85983	RS-700	0.979402139
2150	9/4/2019 7:22:18		-122.363	37.7162				2187.13237	RS-700	1.239464527
2151	9/4/2019 7:22:19		-122.363	37.7162				2083.1589	RS-700	0.722183582
2152	9/4/2019 7:22:20		-122.363	37.7162				2023.72104	RS-700	0.426472836
2153	9/4/2019 7:22:21		-122.363	37.7162				2084.83173	RS-700	0.730506119
2154	9/4/2019 7:22:22		-122.363	37.7162				2129.86964	RS-700	0.954575323
2155	9/4/2019 7:22:23		-122.363	37.7162				2050.52608	RS-700	0.559831244
2156	9/4/2019 7:22:24		-122.363	37.7162				2071.94608	RS-700	0.666398408
2157	9/4/2019 7:22:25		-122.363	37.7162				2160.87497	RS-700	1.108830697
2158	9/4/2019 7:22:26		-122.363	37.7162				2093.83482	RS-700	0.775297612
2159	9/4/2019 7:22:27		-122.363	37.7162				2119.534	RS-700	0.903154229
2160	9/4/2019 7:22:28		-122.363	37.7162				2028.518	RS-700	0.450338308
2161	9/4/2019 7:22:29		-122.363	37.7162				2005.61253	RS-700	0.336380746
2162	9/4/2019 7:22:30		-122.363	37.7162				2094.47877	RS-700	0.778501343
2163	9/4/2019 7:22:31		-122.363	37.7162				2072.14936	RS-700	0.667409751
2164	9/4/2019 7:22:32		-122.363	37.7162				2088.84346	RS-700	0.750464975
2165	9/4/2019 7:22:33		-122.363	37.7162				2117.75473	RS-700	0.894302139
2166	9/4/2019 7:22:34		-122.363	37.7162				2014.8116	RS-700	0.382147264
2167	9/4/2019 7:22:35		-122.363	37.7162				2123.2849	RS-700	0.921815423
2168	9/4/2019 7:22:36		-122.363	37.7162				2045.52185	RS-700	0.534934577
2169	9/4/2019 7:22:37		-122.363	37.7162				2065.84585	RS-700	0.636049005
2170	9/4/2019 7:22:38		-122.363	37.7162				2136.17671	RS-700	0.985953781
2171	9/4/2019 7:22:39		-122.363	37.7162				2088.74186	RS-700	0.749959502
2172	9/4/2019 7:22:40		-122.363	37.7162				2092.32631	RS-700	0.767792587
2173	9/4/2019 7:22:41		-122.363	37.7162				2063.73134	RS-700	0.625529055
2174	9/4/2019 7:22:42		-122.363	37.7162				2105.06931	RS-700	0.831190597
2175	9/4/2019 7:22:43		-122.363	37.7162				2104.6414	RS-700	0.829061692
2176	9/4/2019 7:22:44		-122.363	37.7162				2030.70303	RS-700	0.461209104
2177	9/4/2019 7:22:45		-122.363	37.7162				2087.63601	RS-700	0.744457761
2178	9/4/2019 7:22:46		-122.363	37.7162				1999.80979	RS-700	0.307511393
2179	9/4/2019 7:22:47		-122.363	37.7162				2057.24616	RS-700	0.593264478
2180	9/4/2019 7:22:48		-122.363	37.7162				2062.62876	RS-700	0.620043582
2181	9/4/2019 7:22:49		-122.363	37.7162				2010.99214	RS-700	0.363144975
2182	9/4/2019 7:22:50		-122.363	37.7162				2083.74196	RS-700	0.725084378
2183	9/4/2019 7:22:51		-122.363	37.7162				2032.11794	RS-700	0.468248458
2184	9/4/2019 7:22:52		-122.363	37.7162				2078.73448	RS-700	0.700171542
2185	9/4/2019 7:22:53		-122.363	37.7162				2079.4238	RS-700	0.703600995
2186	9/4/2019 7:22:54		-122.363	37.7162				2055.83339	RS-700	0.586235771
2187	9/4/2019 7:22:55		-122.363	37.7162				1970.8899	RS-700	0.163631343
2188	9/4/2019 7:22:56		-122.363	37.7162				2017.71476	RS-700	0.396590846
2189	9/4/2019 7:22:57		-122.363	37.7162				2045.62524	RS-700	0.535448955
2190	9/4/2019 7:22:58		-122.363	37.7162				2067.73857	RS-700	0.645465522
2191	9/4/2019 7:22:59		-122.363	37.7162				2033.53648	RS-700	0.475305871
2192	9/4/2019 7:23:00		-122.363	37.7162				1967.69833	RS-700	0.147752886
2193	9/4/2019 7:23:01		-122.363	37.7162				2068.93916	RS-700	0.651438607
2194	9/4/2019 7:23:02		-122.363	37.7162				1915.58944	RS-700	-0.111495323
2195	9/4/2019 7:23:03		-122.363	37.7162				2110.95821	RS-700	0.860488607

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SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
2196	9/4/2019 7:23:04		-122.363	37.7162				2060.64162	RS-700	0.610157313
2197	9/4/2019 7:23:05		-122.363	37.7162				2081.36657	RS-700	0.713266517
2198	9/4/2019 7:23:06		-122.363	37.7162				1963.58925	RS-700	0.127309701
2199	9/4/2019 7:23:07		-122.363	37.7162				2002.21836	RS-700	0.319494328
2200	9/4/2019 7:23:08		-122.363	37.7162				2024.41478	RS-700	0.429924279
2201	9/4/2019 7:23:09		-122.363	37.7162				2088.95627	RS-700	0.751026219
2202	9/4/2019 7:23:10		-122.363	37.7162				2020.31866	RS-700	0.409545572
2203	9/4/2019 7:23:11		-122.363	37.7162				2095.74621	RS-700	0.784807015
2204	9/4/2019 7:23:12		-122.363	37.7162				2020.41496	RS-700	0.410024677
2205	9/4/2019 7:23:13		-122.363	37.7162				2068.76452	RS-700	0.650569751
2206	9/4/2019 7:23:14		-122.363	37.7162				2047.82595	RS-700	0.546397761
2207	9/4/2019 7:23:15		-122.363	37.7162				1966.501	RS-700	0.14179602
2208	9/4/2019 7:23:16		-122.363	37.7162				2032.41774	RS-700	0.46974
2209	9/4/2019 7:23:17		-122.363	37.7162				2054.43502	RS-700	0.579278706
2210	9/4/2019 7:23:18		-122.363	37.7162				2082.36875	RS-700	0.718252488
2211	9/4/2019 7:23:19		-122.363	37.7162				2065.85565	RS-700	0.636097761
2212	9/4/2019 7:23:20		-122.363	37.7162				2071.42428	RS-700	0.663802388
2213	9/4/2019 7:23:21		-122.363	37.7162				2025.89957	RS-700	0.437311294
2214	9/4/2019 7:23:22		-122.363	37.7162				2048.73083	RS-700	0.550899652
2215	9/4/2019 7:23:23		-122.363	37.7162				2101.9425	RS-700	0.815634328
2216	9/4/2019 7:23:24		-122.363	37.7162				2111.64462	RS-700	0.863903582
2217	9/4/2019 7:23:25		-122.363	37.7162				2042.02257	RS-700	0.517525224
2218	9/4/2019 7:23:26		-122.363	37.7162				2032.93096	RS-700	0.472293333
2219	9/4/2019 7:23:27		-122.363	37.7162				2154.16515	RS-700	1.075448507
2220	9/4/2019 7:23:28		-122.363	37.7162				2047.13567	RS-700	0.542963532
2221	9/4/2019 7:23:29		-122.363	37.7162				2063.72995	RS-700	0.625522139
2222	9/4/2019 7:23:30		-122.363	37.7162				2075.62806	RS-700	0.684716716
2223	9/4/2019 7:23:31		-122.363	37.7162				2133.64789	RS-700	0.973372587
2224	9/4/2019 7:23:32		-122.363	37.7162				2055.63513	RS-700	0.585249403
2225	9/4/2019 7:23:33		-122.363	37.7162				2041.74023	RS-700	0.516120547
2226	9/4/2019 7:23:34		-122.363	37.7162				2120.64792	RS-700	0.908696119
2227	9/4/2019 7:23:35		-122.363	37.7162				2100.84597	RS-700	0.810178955
2228	9/4/2019 7:23:36		-122.363	37.7162				2033.61479	RS-700	0.475695473
2229	9/4/2019 7:23:37		-122.363	37.7162				2084.42476	RS-700	0.728481393
2230	9/4/2019 7:23:38		-122.363	37.7162				2074.25634	RS-700	0.677892239
2231	9/4/2019 7:23:39		-122.363	37.7162				2042.33985	RS-700	0.519103731
2232	9/4/2019 7:23:40		-122.363	37.7162				2045.52359	RS-700	0.534943234
2233	9/4/2019 7:23:41		-122.363	37.7162				2074.73818	RS-700	0.680289453
2234	9/4/2019 7:23:42		-122.363	37.7162				2064.62118	RS-700	0.629956119
2235	9/4/2019 7:23:43		-122.363	37.7162				2084.32328	RS-700	0.727976517
2236	9/4/2019 7:23:44		-122.363	37.7162				2012.11663	RS-700	0.368739453
2237	9/4/2019 7:23:45		-122.363	37.7162				2069.35409	RS-700	0.653502935
2238	9/4/2019 7:23:46		-122.363	37.7162				2031.51403	RS-700	0.46524393
2239	9/4/2019 7:23:47		-122.363	37.7162				2160.88887	RS-700	1.108899851
2240	9/4/2019 7:23:48		-122.363	37.7162				2056.55995	RS-700	0.589850498
2241	9/4/2019 7:23:49		-122.363	37.7162				2101.16458	RS-700	0.81176408
2242	9/4/2019 7:23:50		-122.363	37.7162				1999.59609	RS-700	0.306448209
2243	9/4/2019 7:23:51		-122.363	37.7162				1967.31189	RS-700	0.145830299
2244	9/4/2019 7:23:52		-122.363	37.7162				2071.56769	RS-700	0.664515871
2245	9/4/2019 7:23:53		-122.363	37.7162				2061.63109	RS-700	0.61508005
2246	9/4/2019 7:23:54		-122.363	37.7162				1990.40818	RS-700	0.260737214
2247	9/4/2019 7:23:55		-122.363	37.7162				1984.50949	RS-700	0.231390498
2248	9/4/2019 7:23:56		-122.363	37.7162				2003.80975	RS-700	0.327411692
2249	9/4/2019 7:23:57		-122.363	37.7162				2049.626	RS-700	0.555353234
2250	9/4/2019 7:23:58		-122.363	37.7162				2092.11506	RS-700	0.766741592
2251	9/4/2019 7:23:59		-122.363	37.7162				1997.90416	RS-700	0.298030647
2252	9/4/2019 7:24:00		-122.363	37.7162				2019.51299	RS-700	0.405537264
2253	9/4/2019 7:24:01		-122.363	37.7162				2011.01355	RS-700	0.363251493
2254	9/4/2019 7:24:02		-122.363	37.7163				2006.90299	RS-700	0.342800945
2255	9/4/2019 7:24:03		-122.363	37.7163				2024.60672	RS-700	0.430879204
2256	9/4/2019 7:24:04		-122.363	37.7163				2019.92985	RS-700	0.407611194

Gamma Scan Survey Results
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SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
2257	9/4/2019 7:24:05		-122.363	37.7163				1998.60855	RS-700	0.301535075
2258	9/4/2019 7:24:06		-122.363	37.7163				1969.49694	RS-700	0.156701194
2259	9/4/2019 7:24:07		-122.363	37.7163				2022.23232	RS-700	0.419066269
2260	9/4/2019 7:24:08		-122.363	37.7163				1948.69351	RS-700	0.053201542
2261	9/4/2019 7:24:09		-122.363	37.7163				2000.10283	RS-700	0.308969303
2262	9/4/2019 7:24:10		-122.363	37.7163				1911.86702	RS-700	-0.130014826
2263	9/4/2019 7:24:11		-122.363	37.7163				1955.98619	RS-700	0.089483532
2264	9/4/2019 7:24:12		-122.363	37.7163				2020.61718	RS-700	0.411030746
2265	9/4/2019 7:24:13		-122.363	37.7163				1923.87577	RS-700	-0.070269801
2266	9/4/2019 7:24:14		-122.363	37.7163				2017.3391	RS-700	0.394721891
2267	9/4/2019 7:24:15		-122.363	37.7163				1993.99113	RS-700	0.278562836
2268	9/4/2019 7:24:16		-122.363	37.7163				2025.82148	RS-700	0.436922786
2269	9/4/2019 7:24:17		-122.363	37.7163				2100.96371	RS-700	0.810764726
2270	9/4/2019 7:24:18		-122.363	37.7163				2103.86126	RS-700	0.825180398
2271	9/4/2019 7:24:19		-122.363	37.7163				2139.40035	RS-700	1.001991791
2272	9/4/2019 7:24:20		-122.363	37.7163				2053.63168	RS-700	0.57528199
2273	9/4/2019 7:24:21		-122.363	37.7163				2171.55509	RS-700	1.161965622
2274	9/4/2019 7:24:22		-122.363	37.7163				2089.95877	RS-700	0.756013781
2275	9/4/2019 7:24:23		-122.363	37.7163				2099.17167	RS-700	0.801849104
2276	9/4/2019 7:24:24		-122.363	37.7163				2134.85782	RS-700	0.979392139
2277	9/4/2019 7:24:25		-122.363	37.7163				2225.22972	RS-700	1.429003582
2278	9/4/2019 7:24:26		-122.363	37.7163				2140.8736	RS-700	1.009321393
2279	9/4/2019 7:24:27		-122.363	37.7163				2108.64206	RS-700	0.848965473
2280	9/4/2019 7:24:28		-122.363	37.7163				2168.99189	RS-700	1.149213383
2281	9/4/2019 7:24:29		-122.363	37.7163				2125.43715	RS-700	0.932523134
2282	9/4/2019 7:24:30		-122.363	37.7163				2113.17518	RS-700	0.871518308
2283	9/4/2019 7:24:31		-122.363	37.7163				2196.88249	RS-700	1.287972587
2284	9/4/2019 7:24:32		-122.363	37.7163				2263.25528	RS-700	1.618185473
2285	9/4/2019 7:24:33		-122.363	37.7163				2282.03958	RS-700	1.711639701
2286	9/4/2019 7:24:34		-122.363	37.7163				2173.56012	RS-700	1.171940896
2287	9/4/2019 7:24:35		-122.363	37.7163				2208.68023	RS-700	1.346667811
2288	9/4/2019 7:24:36		-122.363	37.7163				2152.44184	RS-700	1.066874826
2289	9/4/2019 7:24:37		-122.363	37.7163				2194.00113	RS-700	1.273637463
2290	9/4/2019 7:24:38		-122.363	37.7163				2114.54212	RS-700	0.878319005
2291	9/4/2019 7:24:39		-122.363	37.7163				2189.77681	RS-700	1.252620945
2292	9/4/2019 7:24:40		-122.363	37.7163				2139.08132	RS-700	1.000404577
2293	9/4/2019 7:24:41		-122.363	37.7163				2094.74845	RS-700	0.779843035
2294	9/4/2019 7:24:42		-122.363	37.7163				2060.53556	RS-700	0.609629652
2295	9/4/2019 7:24:43		-122.363	37.7163				2014.81153	RS-700	0.382146915
2296	9/4/2019 7:24:44		-122.363	37.7163				2016.62073	RS-700	0.39114791
2297	9/4/2019 7:24:45		-122.363	37.7163				2011.30939	RS-700	0.364723333
2298	9/4/2019 7:24:46		-122.363	37.7163				2091.63388	RS-700	0.764347662
2299	9/4/2019 7:24:47		-122.363	37.7163				1974.60313	RS-700	0.182105124
2300	9/4/2019 7:24:48		-122.363	37.7163				2004.81959	RS-700	0.332435771
2301	9/4/2019 7:24:49		-122.363	37.7163				1987.8037	RS-700	0.247779602
2302	9/4/2019 7:24:50		-122.363	37.7163				2003.99266	RS-700	0.328321692
2303	9/4/2019 7:24:51		-122.363	37.7163				1951.4987	RS-700	0.067157711
2304	9/4/2019 7:24:52		-122.363	37.7163				1962.09386	RS-700	0.11986995
2305	9/4/2019 7:24:53		-122.363	37.7163				1995.40756	RS-700	0.285609751
2306	9/4/2019 7:24:54		-122.363	37.7163				1977.80172	RS-700	0.198018507
2307	9/4/2019 7:24:55		-122.363	37.7163				2009.61349	RS-700	0.35628602
2308	9/4/2019 7:24:56		-122.363	37.7163				1967.70124	RS-700	0.147767363
2309	9/4/2019 7:24:57		-122.363	37.7163				1943.97809	RS-700	0.029741741
2310	9/4/2019 7:24:58		-122.363	37.7163				1906.385	RS-700	-0.157288557
2311	9/4/2019 7:24:59		-122.363	37.7163				1909.96433	RS-700	-0.139480945
2312	9/4/2019 7:25:00		-122.363	37.7163				1714.87934	RS-700	-1.110053035
2313	9/4/2019 7:25:01		-122.363	37.7163				1491.39411	RS-700	-2.221919851
2314	9/4/2019 7:25:02		-122.363	37.7163				1280.00694	RS-700	-3.273597313
2315	9/4/2019 7:25:03		-122.363	37.7163				1352.2781	RS-700	-2.914039303
2316	9/4/2019 7:25:04		-122.363	37.7163				1352.14307	RS-700	-2.914711095
2317	9/4/2019 7:25:05		-122.363	37.7163				1765.53903	RS-700	-0.858014776

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SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
2318	9/4/2019 7:25:06		-122.363	37.7163				1986.60932	RS-700	0.241837413
2319	9/4/2019 7:25:07		-122.363	37.7163				1997.7055	RS-700	0.297042289
2320	9/4/2019 7:25:08		-122.363	37.7163				2073.63728	RS-700	0.674812338
2321	9/4/2019 7:25:09		-122.363	37.7163				1981.40928	RS-700	0.215966567
2322	9/4/2019 7:25:10		-122.363	37.7164				2154.84827	RS-700	1.078847114
2323	9/4/2019 7:25:11		-122.363	37.7164				2061.42221	RS-700	0.614040846
2324	9/4/2019 7:25:12		-122.363	37.7164				1985.70771	RS-700	0.237351791
2325	9/4/2019 7:25:13		-122.363	37.7164				1983.7299	RS-700	0.22751194
2326	9/4/2019 7:25:14		-122.363	37.7164				2092.53703	RS-700	0.768840945
2327	9/4/2019 7:25:15		-122.363	37.7164				2062.0399	RS-700	0.61711393
2328	9/4/2019 7:25:16		-122.363	37.7164				1996.5054	RS-700	0.291071642
2329	9/4/2019 7:25:17		-122.363	37.7164				2037.03187	RS-700	0.492695871
2330	9/4/2019 7:25:18		-122.363	37.7164				2016.72061	RS-700	0.391644826
2331	9/4/2019 7:25:19		-122.363	37.7164				2174.77079	RS-700	1.177964129
2332	9/4/2019 7:25:20		-122.363	37.7164				2102.74901	RS-700	0.819646816
2333	9/4/2019 7:25:21		-122.363	37.7164				2089.84563	RS-700	0.755450896
2334	9/4/2019 7:25:22		-122.363	37.7164				2018.51657	RS-700	0.40057995
2335	9/4/2019 7:25:23		-122.363	37.7164				1976.99868	RS-700	0.194023284
2336	9/4/2019 7:25:24		-122.363	37.7164				2055.15784	RS-700	0.582874826
2337	9/4/2019 7:25:25		-122.363	37.7164				1929.58849	RS-700	-0.041848308
2338	9/4/2019 7:25:26		-122.363	37.7164				2034.41301	RS-700	0.479666716
2339	9/4/2019 7:25:27		-122.363	37.7164				2058.52752	RS-700	0.599639403
2340	9/4/2019 7:25:28		-122.363	37.7164				1998.00943	RS-700	0.298554378
2341	9/4/2019 7:25:29		-122.363	37.7164				2000.61007	RS-700	0.311492886
2342	9/4/2019 7:25:30		-122.363	37.7164				2000.51096	RS-700	0.310999801
2343	9/4/2019 7:25:31		-122.363	37.7164				2074.95839	RS-700	0.681385025
2344	9/4/2019 7:25:32		-122.363	37.7164				2028.30877	RS-700	0.449297363
2345	9/4/2019 7:25:33		-122.363	37.7164				2132.64641	RS-700	0.9683901
2346	9/4/2019 7:25:34		-122.363	37.7164				2044.93268	RS-700	0.532003383
2347	9/4/2019 7:25:35		-122.363	37.7164				2069.8382	RS-700	0.655911443
2348	9/4/2019 7:25:36		-122.363	37.7164				1996.70428	RS-700	0.292061095
2349	9/4/2019 7:25:37		-122.363	37.7164				2018.51279	RS-700	0.400561144
2350	9/4/2019 7:25:38		-122.363	37.7164				2113.75288	RS-700	0.874392438
2351	9/4/2019 7:25:39		-122.363	37.7164				2038.12419	RS-700	0.498130299
2352	9/4/2019 7:25:40		-122.363	37.7164				1965.70016	RS-700	0.137811741
2353	9/4/2019 7:25:41		-122.363	37.7164				2038.92353	RS-700	0.502107114
2354	9/4/2019 7:25:42		-122.363	37.7164				2029.81595	RS-700	0.456795771
2355	9/4/2019 7:25:43		-122.363	37.7164				2044.93316	RS-700	0.532005771
2356	9/4/2019 7:25:44		-122.363	37.7164				2111.65131	RS-700	0.863936866
2357	9/4/2019 7:25:45		-122.363	37.7164				2041.62012	RS-700	0.515522985
2358	9/4/2019 7:25:46		-122.363	37.7164				2091.9531	RS-700	0.765935821
2359	9/4/2019 7:25:47		-122.363	37.7164				2000.80751	RS-700	0.312475174
2360	9/4/2019 7:25:48		-122.363	37.7164				2026.61947	RS-700	0.440892886
2361	9/4/2019 7:25:49		-122.363	37.7164				2021.6184	RS-700	0.41601194
2362	9/4/2019 7:25:50		-122.363	37.7164				2014.00267	RS-700	0.378122736
2363	9/4/2019 7:25:51		-122.363	37.7164				2072.96378	RS-700	0.671461592
2364	9/4/2019 7:25:52		-122.363	37.7164				2050.03664	RS-700	0.557396219
2365	9/4/2019 7:25:53		-122.363	37.7164				2057.73385	RS-700	0.595690796
2366	9/4/2019 7:25:54		-122.363	37.7164				2057.52859	RS-700	0.594669602
2367	9/4/2019 7:25:55		-122.363	37.7164				2009.71652	RS-700	0.356798607
2368	9/4/2019 7:25:56		-122.363	37.7164				2085.84163	RS-700	0.735530498
2369	9/4/2019 7:25:57		-122.363	37.7164				2049.82103	RS-700	0.556323532
2370	9/4/2019 7:25:58		-122.363	37.7164				2007.41647	RS-700	0.345355572
2371	9/4/2019 7:25:59		-122.363	37.7164				2091.74504	RS-700	0.764900697
2372	9/4/2019 7:26:00		-122.363	37.7164				2072.63366	RS-700	0.669819204
2373	9/4/2019 7:26:01		-122.363	37.7164				2110.48838	RS-700	0.858151144
2374	9/4/2019 7:26:02		-122.363	37.7164				2070.52256	RS-700	0.659316219
2375	9/4/2019 7:26:03		-122.363	37.7164				2044.82119	RS-700	0.531448706
2376	9/4/2019 7:26:04		-122.363	37.7164				2085.16093	RS-700	0.73214393
2377	9/4/2019 7:26:05		-122.364	37.7164				2032.92533	RS-700	0.472265323
2378	9/4/2019 7:26:06		-122.364	37.7164				2073.84484	RS-700	0.675844975

Gamma Scan Survey Results
Survey Unit 5 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
2379	9/4/2019 7:26:07		-122.364	37.7164				2038.51869	RS-700	0.500092985
2380	9/4/2019 7:26:08		-122.364	37.7164				2069.05359	RS-700	0.65200791
2381	9/4/2019 7:26:09		-122.364	37.7164				2099.32135	RS-700	0.802593781
2382	9/4/2019 7:26:10		-122.364	37.7164				2127.82348	RS-700	0.944395423
2383	9/4/2019 7:26:11		-122.364	37.7164				2068.73555	RS-700	0.650425622
2384	9/4/2019 7:26:12		-122.364	37.7164				2018.31345	RS-700	0.399569403
2385	9/4/2019 7:26:13		-122.364	37.7164				2018.82061	RS-700	0.402092587
2386	9/4/2019 7:26:14		-122.364	37.7165				1965.40308	RS-700	0.136333731
2387	9/4/2019 7:26:15		-122.364	37.7165				2030.8176	RS-700	0.461779104
2388	9/4/2019 7:26:16		-122.364	37.7165				2017.80588	RS-700	0.397044179
2389	9/4/2019 7:26:17		-122.364	37.7165				2090.64145	RS-700	0.759410199
2390	9/4/2019 7:26:18		-122.364	37.7165				2093.84274	RS-700	0.775337015
2391	9/4/2019 7:26:19		-122.364	37.7165				2066.94737	RS-700	0.641529204
2392	9/4/2019 7:26:20		-122.364	37.7165				2010.80669	RS-700	0.362222338
2393	9/4/2019 7:26:21		-122.364	37.7165				2061.94336	RS-700	0.616633632
2394	9/4/2019 7:26:22		-122.364	37.7165				2058.71815	RS-700	0.600587811
2395	9/4/2019 7:26:23		-122.364	37.7165				2043.6219	RS-700	0.52548209
2396	9/4/2019 7:26:24		-122.364	37.7165				2075.94532	RS-700	0.686295124
2397	9/4/2019 7:26:25		-122.364	37.7165				2093.42743	RS-700	0.773270796
2398	9/4/2019 7:26:26		-122.364	37.7165				2082.84305	RS-700	0.720612189
2399	9/4/2019 7:26:27		-122.364	37.7165				2061.1436	RS-700	0.612654726
2400	9/4/2019 7:26:28		-122.364	37.7165				2134.65429	RS-700	0.978379552
2401	9/4/2019 7:26:29		-122.364	37.7165				2031.41616	RS-700	0.464757015
2402	9/4/2019 7:26:30		-122.364	37.7165				1949.59699	RS-700	0.057696468
2403	9/4/2019 7:26:31		-122.364	37.7165				2023.02121	RS-700	0.422991095
2404	9/4/2019 7:26:32		-122.364	37.7165				2014.02168	RS-700	0.378217313
2405	9/4/2019 7:26:33		-122.364	37.7165				1967.69999	RS-700	0.147761144
2406	9/4/2019 7:26:34		-122.364	37.7165				1929.39618	RS-700	-0.042805075
2407	9/4/2019 7:26:35		-122.364	37.7165				1990.5039	RS-700	0.261213433
2408	9/4/2019 7:26:36		-122.364	37.7165				1974.09536	RS-700	0.179578905
2409	9/4/2019 7:26:37		-122.364	37.7165				1996.6071	RS-700	0.291577612
2410	9/4/2019 7:26:38		-122.364	37.7165				1942.69216	RS-700	0.02334408
2411	9/4/2019 7:26:39		-122.364	37.7165				2017.12475	RS-700	0.393655473
2412	9/4/2019 7:26:40		-122.364	37.7165				2019.92172	RS-700	0.407570746
2413	9/4/2019 7:26:41		-122.364	37.7165				1916.65945	RS-700	-0.106171891
2414	9/4/2019 7:26:42		-122.364	37.7165				1973.90573	RS-700	0.178635473
2415	9/4/2019 7:26:43		-122.364	37.7165				1975.30585	RS-700	0.185601244
2416	9/4/2019 7:26:44		-122.364	37.7165				2013.63403	RS-700	0.376288706
2417	9/4/2019 7:26:45		-122.364	37.7165				1960.70717	RS-700	0.112970995
2418	9/4/2019 7:26:46		-122.364	37.7165				1917.97152	RS-700	-0.099644179
2419	9/4/2019 7:26:47		-122.364	37.7165				1985.60953	RS-700	0.236863333
2420	9/4/2019 7:26:48		-122.364	37.7165				1966.89539	RS-700	0.143758159
2421	9/4/2019 7:26:49		-122.364	37.7165				1902.76838	RS-700	-0.175281692
2422	9/4/2019 7:26:50		-122.364	37.7165				2006.90452	RS-700	0.342808557
2423	9/4/2019 7:26:51		-122.364	37.7165				1933.09134	RS-700	-0.024421194
2424	9/4/2019 7:26:52		-122.364	37.7165				1976.70524	RS-700	0.192563383
2425	9/4/2019 7:26:53		-122.364	37.7165				1970.62606	RS-700	0.162318706
2426	9/4/2019 7:26:54		-122.364	37.7165				1984.90073	RS-700	0.233336965
2427	9/4/2019 7:26:55		-122.364	37.7165				1929.69059	RS-700	-0.041340348
2428	9/4/2019 7:26:56		-122.364	37.7165				1953.78929	RS-700	0.078553682
2429	9/4/2019 7:26:57		-122.364	37.7165				1908.19752	RS-700	-0.148271045
2430	9/4/2019 7:26:58		-122.364	37.7165				1912.77644	RS-700	-0.125490348
2431	9/4/2019 7:26:59		-122.364	37.7165				1927.57856	RS-700	-0.05184796
2432	9/4/2019 7:27:00		-122.364	37.7165				1933.87484	RS-700	-0.020523184
2433	9/4/2019 7:27:01		-122.364	37.7165				1926.48792	RS-700	-0.05727403
2434	9/4/2019 7:27:02		-122.364	37.7165				1926.48893	RS-700	-0.057269005
2435	9/4/2019 7:27:03		-122.364	37.7165				1912.58448	RS-700	-0.126445373
2436	9/4/2019 7:27:04		-122.364	37.7165				1845.21089	RS-700	-0.461637363
2437	9/4/2019 7:27:05		-122.364	37.7165				1931.17675	RS-700	-0.033946517
2438	9/4/2019 7:27:06		-122.364	37.7165				1883.95634	RS-700	-0.26887393
2439	9/4/2019 7:27:07		-122.364	37.7165				1886.86893	RS-700	-0.254383433

Gamma Scan Survey Results
Survey Unit 5 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
2440	9/4/2019 7:27:08		-122.364	37.7165				1868.47983	RS-700	-0.345871493
2441	9/4/2019 7:27:09		-122.364	37.7165				2002.00818	RS-700	0.318448657
2442	9/4/2019 7:27:10		-122.364	37.7165				1933.78434	RS-700	-0.020973433
2443	9/4/2019 7:27:11		-122.364	37.7165				2134.95567	RS-700	0.979878955
2444	9/4/2019 7:27:12		-122.364	37.7165				2072.42453	RS-700	0.668778756
2445	9/4/2019 7:27:13		-122.364	37.7165				2010.20652	RS-700	0.359236418
2446	9/4/2019 7:27:14		-122.364	37.7165				2028.62929	RS-700	0.45089199
2447	9/4/2019 7:27:15		-122.364	37.7165				2021.51421	RS-700	0.415493582
2448	9/4/2019 7:27:16		-122.364	37.7165				2080.05343	RS-700	0.706733483
2449	9/4/2019 7:27:17		-122.364	37.7165				2136.66149	RS-700	0.988365622
2450	9/4/2019 7:27:18		-122.364	37.7165				2157.20333	RS-700	1.090563831
2451	9/4/2019 7:27:19		-122.364	37.7165				2190.66926	RS-700	1.257060995
2452	9/4/2019 7:27:20		-122.364	37.7165				2129.65906	RS-700	0.953527662
2453	9/4/2019 7:27:21		-122.364	37.7165				2113.06631	RS-700	0.870976667
2454	9/4/2019 7:27:22		-122.364	37.7165				2053.62725	RS-700	0.57525995
2455	9/4/2019 7:27:23		-122.364	37.7165				2125.28153	RS-700	0.931748905
2456	9/4/2019 7:27:24		-122.364	37.7165				2161.67667	RS-700	1.112819254
2457	9/4/2019 7:27:25		-122.364	37.7165				2122.54142	RS-700	0.918116517
2458	9/4/2019 7:27:26		-122.364	37.7165				2137.08569	RS-700	0.99047607
2459	9/4/2019 7:27:27		-122.364	37.7165				2146.65382	RS-700	1.038078706
2460	9/4/2019 7:27:28		-122.364	37.7165				2117.7277	RS-700	0.894167662
2461	9/4/2019 7:27:29		-122.364	37.7165				2181.19553	RS-700	1.20992801
2462	9/4/2019 7:27:30		-122.364	37.7165				2164.98332	RS-700	1.129270249
2463	9/4/2019 7:27:31		-122.364	37.7165				2122.64178	RS-700	0.918615821
2464	9/4/2019 7:27:32		-122.364	37.7165				2150.30075	RS-700	1.056222637
2465	9/4/2019 7:27:33		-122.364	37.7165				2107.64114	RS-700	0.843985771
2466	9/4/2019 7:27:34		-122.364	37.7165				2111.38585	RS-700	0.862616169
2467	9/4/2019 7:27:35		-122.364	37.7165				2098.95798	RS-700	0.80078597
2468	9/4/2019 7:27:36		-122.364	37.7165				2133.07851	RS-700	0.970539851
2469	9/4/2019 7:27:37		-122.364	37.7165				2015.20891	RS-700	0.38412393
2470	9/4/2019 7:27:38		-122.364	37.7165				2222.79238	RS-700	1.416877512
2471	9/4/2019 7:27:39		-122.364	37.7165				2136.43243	RS-700	0.98722602
2472	9/4/2019 7:27:40		-122.364	37.7165				2053.14108	RS-700	0.572841194
2473	9/4/2019 7:27:41		-122.364	37.7165				2145.30997	RS-700	1.031392886
2474	9/4/2019 7:27:42		-122.364	37.7165				2098.06038	RS-700	0.796320299
2475	9/4/2019 7:27:43		-122.364	37.7165				2135.75571	RS-700	0.983859254
2476	9/4/2019 7:27:44		-122.364	37.7165				2125.86439	RS-700	0.934648706
2477	9/4/2019 7:27:45		-122.364	37.7165				2136.76058	RS-700	0.988858607
2478	9/4/2019 7:27:46		-122.364	37.7165				2074.84186	RS-700	0.680805274
2479	9/4/2019 7:27:47		-122.364	37.7165				2098.74758	RS-700	0.799739204
2480	9/4/2019 7:27:48		-122.364	37.7165				2124.06931	RS-700	0.92571796
2481	9/4/2019 7:27:49		-122.364	37.7165				2101.85159	RS-700	0.81518204
2482	9/4/2019 7:27:50		-122.364	37.7165				2070.63683	RS-700	0.659884726
2483	9/4/2019 7:27:51		-122.364	37.7165				2048.13719	RS-700	0.547946219
2484	9/4/2019 7:27:52		-122.364	37.7165				2108.64973	RS-700	0.849003632
2485	9/4/2019 7:27:53		-122.364	37.7165				2116.97638	RS-700	0.890429751
2486	9/4/2019 7:27:54		-122.364	37.7165				2097.08215	RS-700	0.791453483
2487	9/4/2019 7:27:55		-122.364	37.7165				2078.07073	RS-700	0.696869303
2488	9/4/2019 7:27:56		-122.364	37.7165				2177.77002	RS-700	1.192885672
2489	9/4/2019 7:27:57		-122.364	37.7165				2107.53677	RS-700	0.843466517
2490	9/4/2019 7:27:58		-122.364	37.7165				2142.62929	RS-700	1.018056169
2491	9/4/2019 7:27:59		-122.364	37.7165				2141.86634	RS-700	1.014260398
2492	9/4/2019 7:28:00		-122.364	37.7165				2092.0702	RS-700	0.766518408
2493	9/4/2019 7:28:01		-122.364	37.7165				2049.62901	RS-700	0.555368209
2494	9/4/2019 7:28:02		-122.364	37.7165				2130.65066	RS-700	0.958460995
2495	9/4/2019 7:28:03		-122.364	37.7165				2097.53307	RS-700	0.793696866
2496	9/4/2019 7:28:04		-122.364	37.7165				2086.42767	RS-700	0.738446119
2497	9/4/2019 7:28:05		-122.364	37.7165				2137.07754	RS-700	0.990435522
2498	9/4/2019 7:28:06		-122.364	37.7165				2214.13125	RS-700	1.373787313
2499	9/4/2019 7:28:07		-122.364	37.7165				2149.32781	RS-700	1.051382139
2500	9/4/2019 7:28:08		-122.364	37.7165				2079.15419	RS-700	0.702259652

Gamma Scan Survey Results
Survey Unit 5 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
2501	9/4/2019 7:28:09		-122.364	37.7165				2190.53953	RS-700	1.256415572
2502	9/4/2019 7:28:10		-122.364	37.7166				2116.06997	RS-700	0.885920249
2503	9/4/2019 7:28:11		-122.364	37.7166				2143.40167	RS-700	1.021898856
2504	9/4/2019 7:28:12		-122.364	37.7166				2201.2234	RS-700	1.309569154
2505	9/4/2019 7:28:13		-122.364	37.7166				2213.56389	RS-700	1.370964627
2506	9/4/2019 7:28:14		-122.364	37.7166				2148.65658	RS-700	1.048042687
2507	9/4/2019 7:28:15		-122.364	37.7166				2230.90036	RS-700	1.457215721
2508	9/4/2019 7:28:16		-122.364	37.7166				2191.00064	RS-700	1.258709652
2509	9/4/2019 7:28:17		-122.364	37.7166				2170.77248	RS-700	1.15807204
2510	9/4/2019 7:28:18		-122.364	37.7166				2223.90834	RS-700	1.422429552
2511	9/4/2019 7:28:19		-122.364	37.7166				2229.34097	RS-700	1.449457562
2512	9/4/2019 7:28:20		-122.364	37.7166				2185.78853	RS-700	1.232778756
2513	9/4/2019 7:28:21		-122.364	37.7166				2216.80113	RS-700	1.387070299
2514	9/4/2019 7:28:22		-122.364	37.7166				2091.16242	RS-700	0.76200209
2515	9/4/2019 7:28:23		-122.364	37.7166				2203.00695	RS-700	1.318442537
2516	9/4/2019 7:28:24		-122.364	37.7166				2143.78192	RS-700	1.023790647
2517	9/4/2019 7:28:25		-122.364	37.7166				2244.92177	RS-700	1.52697398
2518	9/4/2019 7:28:26		-122.364	37.7166				2171.31446	RS-700	1.160768458
2519	9/4/2019 7:28:27		-122.364	37.7166				2153.87203	RS-700	1.073990199
2520	9/4/2019 7:28:28		-122.364	37.7166				2165.34006	RS-700	1.131045075
2521	9/4/2019 7:28:29		-122.364	37.7166				2169.44357	RS-700	1.151460547
2522	9/4/2019 7:28:30		-122.364	37.7166				2129.03696	RS-700	0.950432637
2523	9/4/2019 7:28:31		-122.364	37.7166				2125.86687	RS-700	0.934661045
2524	9/4/2019 7:28:32		-122.364	37.7166				2167.08357	RS-700	1.139719254
2525	9/4/2019 7:28:33		-122.364	37.7166				2171.09581	RS-700	1.159680647
2526	9/4/2019 7:28:34		-122.364	37.7166				2172.96766	RS-700	1.168993333
2527	9/4/2019 7:28:35		-122.364	37.7166				2161.88424	RS-700	1.11385194
2528	9/4/2019 7:28:36		-122.364	37.7166				2033.72207	RS-700	0.476229204
2529	9/4/2019 7:28:37		-122.364	37.7166				2184.65264	RS-700	1.227127562
2530	9/4/2019 7:28:38		-122.364	37.7166				2137.87057	RS-700	0.994380945
2531	9/4/2019 7:28:39		-122.364	37.7166				2179.44906	RS-700	1.201239104
2532	9/4/2019 7:28:40		-122.364	37.7166				2210.0048	RS-700	1.353257711
2533	9/4/2019 7:28:41		-122.364	37.7166				2210.89411	RS-700	1.357682139
2534	9/4/2019 7:28:42		-122.364	37.7166				2245.32525	RS-700	1.528981343
2535	9/4/2019 7:28:43		-122.364	37.7166				2280.81119	RS-700	1.705528308
2536	9/4/2019 7:28:44		-122.364	37.7166				2204.45306	RS-700	1.325637114
2537	9/4/2019 7:28:45		-122.364	37.7166				2291.14428	RS-700	1.756936716
2538	9/4/2019 7:28:46		-122.364	37.7166				2219.79284	RS-700	1.401954428
2539	9/4/2019 7:28:47		-122.364	37.7166				2303.89847	RS-700	1.820390398
2540	9/4/2019 7:28:48		-122.364	37.7166				2298.27806	RS-700	1.792428159
2541	9/4/2019 7:28:49		-122.364	37.7166				2275.26711	RS-700	1.677945821
2542	9/4/2019 7:28:50		-122.364	37.7166				2317.94316	RS-700	1.890264478
2543	9/4/2019 7:28:51		-122.364	37.7166				2257.25305	RS-700	1.588323632
2544	9/4/2019 7:28:52		-122.364	37.7166				2317.21397	RS-700	1.886636667
2545	9/4/2019 7:28:53		-122.364	37.7166				2244.01978	RS-700	1.522486468
2546	9/4/2019 7:28:54		-122.364	37.7167				2251.14337	RS-700	1.557927214
2547	9/4/2019 7:28:55		-122.364	37.7167				2262.80162	RS-700	1.615928458
2548	9/4/2019 7:28:56		-122.364	37.7167				2278.46685	RS-700	1.693864925
2549	9/4/2019 7:28:57		-122.364	37.7167				2267.38302	RS-700	1.638721493
2550	9/4/2019 7:28:58		-122.364	37.7167				2294.93038	RS-700	1.775773035
2551	9/4/2019 7:28:59		-122.364	37.7167				2107.64292	RS-700	0.843994627
2552	9/4/2019 7:29:00		-122.364	37.7167				2177.77302	RS-700	1.192900597
2553	9/4/2019 7:29:01		-122.364	37.7167				2131.07723	RS-700	0.960583234
2554	9/4/2019 7:29:02		-122.364	37.7167				2141.40546	RS-700	1.011967463
2555	9/4/2019 7:29:03		-122.364	37.7167				2098.53709	RS-700	0.79869199
2556	9/4/2019 7:29:04		-122.364	37.7167				2218.56574	RS-700	1.395849453
2557	9/4/2019 7:29:05		-122.364	37.7167				2200.56071	RS-700	1.306272189
2558	9/4/2019 7:29:06		-122.364	37.7167				2194.66619	RS-700	1.276946219
2559	9/4/2019 7:29:07		-122.364	37.7167				2129.64943	RS-700	0.953479751
2560	9/4/2019 7:29:08		-122.364	37.7167				2123.64589	RS-700	0.923611393
2561	9/4/2019 7:29:09		-122.364	37.7167				2186.77542	RS-700	1.237688657

Gamma Scan Survey Results
Survey Unit 5 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
2562	9/4/2019 7:29:10		-122.364	37.7167				2148.86805	RS-700	1.049094776
2563	9/4/2019 7:29:11		-122.364	37.7167				2146.0854	RS-700	1.035250746
2564	9/4/2019 7:29:12		-122.364	37.7167				2170.99072	RS-700	1.159157811
2565	9/4/2019 7:29:13		-122.364	37.7167				2145.97908	RS-700	1.034721791
2566	9/4/2019 7:29:14		-122.364	37.7167				2132.0762	RS-700	0.965553234
2567	9/4/2019 7:29:15		-122.364	37.7167				2159.66268	RS-700	1.102799403
2568	9/4/2019 7:29:16		-122.364	37.7167				2050.93047	RS-700	0.561843134
2569	9/4/2019 7:29:17		-122.364	37.7167				2195.21966	RS-700	1.279699801
2570	9/4/2019 7:29:18		-122.364	37.7167				2253.92001	RS-700	1.571741343
2571	9/4/2019 7:29:19		-122.364	37.7167				2180.88575	RS-700	1.208386816
2572	9/4/2019 7:29:20		-122.364	37.7167				2172.66432	RS-700	1.167484179
2573	9/4/2019 7:29:21		-122.364	37.7167				2160.64024	RS-700	1.107662886
2574	9/4/2019 7:29:22		-122.364	37.7167				2189.88828	RS-700	1.253175522
2575	9/4/2019 7:29:23		-122.364	37.7167				2162.22598	RS-700	1.115552139
2576	9/4/2019 7:29:24		-122.364	37.7167				2188.11112	RS-700	1.24433393
2577	9/4/2019 7:29:25		-122.364	37.7167				2168.09503	RS-700	1.144751393
2578	9/4/2019 7:29:26		-122.364	37.7167				2159.65875	RS-700	1.102779851
2579	9/4/2019 7:29:27		-122.364	37.7167				2121.53156	RS-700	0.913092338
2580	9/4/2019 7:29:28		-122.364	37.7167				2168.09525	RS-700	1.144752488
2581	9/4/2019 7:29:29		-122.364	37.7167				2125.38607	RS-700	0.932269005
2582	9/4/2019 7:29:30		-122.364	37.7167				2181.44787	RS-700	1.211183433
2583	9/4/2019 7:29:31		-122.364	37.7167				2133.8647	RS-700	0.974451244
2584	9/4/2019 7:29:32		-122.364	37.7167				2209.7936	RS-700	1.352206965
2585	9/4/2019 7:29:33		-122.364	37.7167				2226.79052	RS-700	1.436768756
2586	9/4/2019 7:29:34		-122.364	37.7167				2140.97137	RS-700	1.009807811
2587	9/4/2019 7:29:35		-122.364	37.7167				2159.2266	RS-700	1.100629851
2588	9/4/2019 7:29:36		-122.364	37.7167				2105.43225	RS-700	0.832996269
2589	9/4/2019 7:29:37		-122.364	37.7167				2161.76816	RS-700	1.113274428
2590	9/4/2019 7:29:38		-122.364	37.7167				2087.74835	RS-700	0.745016667
2591	9/4/2019 7:29:39		-122.364	37.7167				2205.11942	RS-700	1.328952338
2592	9/4/2019 7:29:40		-122.364	37.7167				2238.91189	RS-700	1.49707408
2593	9/4/2019 7:29:41		-122.364	37.7167				2129.53967	RS-700	0.952933682
2594	9/4/2019 7:29:42		-122.364	37.7167				2137.65265	RS-700	0.993296766
2595	9/4/2019 7:29:43		-122.364	37.7167				2226.44665	RS-700	1.43505796
2596	9/4/2019 7:29:44		-122.364	37.7167				2133.71066	RS-700	0.973684876
2597	9/4/2019 7:29:45		-122.364	37.7167				2157.55719	RS-700	1.092324328
2598	9/4/2019 7:29:46		-122.364	37.7167				2127.96224	RS-700	0.945085771
2599	9/4/2019 7:29:47		-122.364	37.7167				2097.95646	RS-700	0.795803284
2600	9/4/2019 7:29:48		-122.364	37.7167				2175.00395	RS-700	1.179124129
2601	9/4/2019 7:29:49		-122.364	37.7167				2212.12589	RS-700	1.363810398
2602	9/4/2019 7:29:50		-122.364	37.7167				2165.7446	RS-700	1.133057711
2603	9/4/2019 7:29:51		-122.364	37.7167				2130.28875	RS-700	0.956660448
2604	9/4/2019 7:29:52		-122.364	37.7167				2132.87196	RS-700	0.969512239
2605	9/4/2019 7:29:53		-122.364	37.7167				2101.43307	RS-700	0.813099851
2606	9/4/2019 7:29:54		-122.364	37.7167				2161.77118	RS-700	1.113289453
2607	9/4/2019 7:29:55		-122.364	37.7167				2158.10431	RS-700	1.095046318
2608	9/4/2019 7:29:56		-122.364	37.7167				2091.63872	RS-700	0.764371741
2609	9/4/2019 7:29:57		-122.364	37.7167				2105.53386	RS-700	0.833501791
2610	9/4/2019 7:29:58		-122.364	37.7167				2091.52946	RS-700	0.763828159
2611	9/4/2019 7:29:59		-122.364	37.7167				2133.97446	RS-700	0.974997313
2612	9/4/2019 7:30:00		-122.364	37.7167				2156.0628	RS-700	1.084889552
2613	9/4/2019 7:30:01		-122.364	37.7167				2082.36196	RS-700	0.718218706
2614	9/4/2019 7:30:02		-122.364	37.7167				2207.00275	RS-700	1.338322139
2615	9/4/2019 7:30:03		-122.364	37.7167				2121.64936	RS-700	0.913678408
2616	9/4/2019 7:30:04		-122.364	37.7167				2160.97263	RS-700	1.109316567
2617	9/4/2019 7:30:05		-122.364	37.7167				2109.43255	RS-700	0.852898259
2618	9/4/2019 7:30:06		-122.364	37.7167				2238.87256	RS-700	1.496878408
2619	9/4/2019 7:30:07		-122.364	37.7167				2193.21596	RS-700	1.269731144
2620	9/4/2019 7:30:08		-122.364	37.7167				2157.19368	RS-700	1.090515821
2621	9/4/2019 7:30:09		-122.364	37.7167				2150.73178	RS-700	1.058367065
2622	9/4/2019 7:30:10		-122.364	37.7167				2133.19709	RS-700	0.971129801

Gamma Scan Survey Results
Survey Unit 5 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
2623	9/4/2019 7:30:11		-122.364	37.7167				2190.66802	RS-700	1.257054826
2624	9/4/2019 7:30:12		-122.364	37.7167				2134.76136	RS-700	0.978912239
2625	9/4/2019 7:30:13		-122.364	37.7167				2101.85048	RS-700	0.815176517
2626	9/4/2019 7:30:14		-122.364	37.7167				2196.00057	RS-700	1.283584925
2627	9/4/2019 7:30:15		-122.364	37.7167				2064.73014	RS-700	0.630498209
2628	9/4/2019 7:30:16		-122.364	37.7167				2176.64683	RS-700	1.187297662
2629	9/4/2019 7:30:17		-122.364	37.7167				2190.56202	RS-700	1.256527463
2630	9/4/2019 7:30:18		-122.364	37.7167				2050.62684	RS-700	0.560332537
2631	9/4/2019 7:30:19		-122.364	37.7167				2176.7754	RS-700	1.187937313
2632	9/4/2019 7:30:20		-122.364	37.7167				2171.2342	RS-700	1.160369154
2633	9/4/2019 7:30:21		-122.364	37.7167				2181.67784	RS-700	1.212327562
2634	9/4/2019 7:30:22		-122.364	37.7167				2136.97227	RS-700	0.989911791
2635	9/4/2019 7:30:23		-122.364	37.7167				2153.62515	RS-700	1.07276194
2636	9/4/2019 7:30:24		-122.364	37.7167				2132.75872	RS-700	0.968948856
2637	9/4/2019 7:30:25		-122.364	37.7167				2157.98589	RS-700	1.094457164
2638	9/4/2019 7:30:26		-122.364	37.7167				2052.73272	RS-700	0.570809552
2639	9/4/2019 7:30:27		-122.364	37.7167				2079.75469	RS-700	0.705247214
2640	9/4/2019 7:30:28		-122.364	37.7167				2151.87513	RS-700	1.064055373
2641	9/4/2019 7:30:29		-122.364	37.7167				2160.44599	RS-700	1.106696468
2642	9/4/2019 7:30:30		-122.364	37.7167				2138.44901	RS-700	0.997258756
2643	9/4/2019 7:30:31		-122.364	37.7167				2138.86582	RS-700	0.999332438
2644	9/4/2019 7:30:32		-122.364	37.7167				2153.66563	RS-700	1.072963333
2645	9/4/2019 7:30:33		-122.364	37.7167				2199.11021	RS-700	1.299055771
2646	9/4/2019 7:30:34		-122.364	37.7167				2167.67304	RS-700	1.14265194
2647	9/4/2019 7:30:35		-122.364	37.7167				2188.7813	RS-700	1.247668159
2648	9/4/2019 7:30:36		-122.364	37.7167				2209.00423	RS-700	1.348279751
2649	9/4/2019 7:30:37		-122.364	37.7167				2132.97343	RS-700	0.970017065
2650	9/4/2019 7:30:38		-122.364	37.7167				2155.86314	RS-700	1.083896219
2651	9/4/2019 7:30:39		-122.364	37.7167				2157.66186	RS-700	1.092845075
2652	9/4/2019 7:30:40		-122.364	37.7167				2053.52191	RS-700	0.574735871
2653	9/4/2019 7:30:41		-122.364	37.7167				2196.0996	RS-700	1.284077612
2654	9/4/2019 7:30:42		-122.364	37.7167				2176.87594	RS-700	1.188437512
2655	9/4/2019 7:30:43		-122.364	37.7167				2122.31645	RS-700	0.916997264
2656	9/4/2019 7:30:44		-122.364	37.7167				2169.56004	RS-700	1.15204
2657	9/4/2019 7:30:45		-122.364	37.7167				2197.67451	RS-700	1.291912985
2658	9/4/2019 7:30:46		-122.364	37.7167				2182.98908	RS-700	1.218851144
2659	9/4/2019 7:30:47		-122.364	37.7167				2139.7636	RS-700	1.003799005
2660	9/4/2019 7:30:48		-122.364	37.7167				2183.43945	RS-700	1.221091791
2661	9/4/2019 7:30:49		-122.364	37.7167				2295.14624	RS-700	1.776846965
2662	9/4/2019 7:30:50		-122.364	37.7167				2134.8662	RS-700	0.979433831
2663	9/4/2019 7:30:51		-122.364	37.7167				2194.55837	RS-700	1.276409801
2664	9/4/2019 7:30:52		-122.364	37.7167				2166.86658	RS-700	1.138639701
2665	9/4/2019 7:30:53		-122.364	37.7167				2148.98121	RS-700	1.049657761
2666	9/4/2019 7:30:54		-122.364	37.7167				2199.67233	RS-700	1.301852388
2667	9/4/2019 7:30:55		-122.364	37.7167				2163.30227	RS-700	1.120906816
2668	9/4/2019 7:30:56		-122.364	37.7167				2150.6606	RS-700	1.058012935
2669	9/4/2019 7:30:57		-122.364	37.7167				2180.87956	RS-700	1.20835602
2670	9/4/2019 7:30:58		-122.364	37.7167				2187.65531	RS-700	1.242066219
2671	9/4/2019 7:30:59		-122.364	37.7167				2177.00524	RS-700	1.189080796
2672	9/4/2019 7:31:00		-122.364	37.7167				2110.64439	RS-700	0.858927313
2673	9/4/2019 7:31:01		-122.364	37.7167				2182.32114	RS-700	1.21552806
2674	9/4/2019 7:31:02		-122.364	37.7167				2108.38865	RS-700	0.847704726
2675	9/4/2019 7:31:03		-122.364	37.7167				2154.9867	RS-700	1.079535821
2676	9/4/2019 7:31:04		-122.364	37.7167				2148.08579	RS-700	1.045202935
2677	9/4/2019 7:31:05		-122.364	37.7167				2227.90218	RS-700	1.442299403
2678	9/4/2019 7:31:06		-122.364	37.7167				2119.54199	RS-700	0.90319398
2679	9/4/2019 7:31:07		-122.364	37.7167				2133.18586	RS-700	0.97107393
2680	9/4/2019 7:31:08		-122.364	37.7167				2214.56631	RS-700	1.375951791
2681	9/4/2019 7:31:09		-122.364	37.7167				2139.08028	RS-700	1.000399403
2682	9/4/2019 7:31:10		-122.364	37.7167				2121.75389	RS-700	0.914198458
2683	9/4/2019 7:31:11		-122.364	37.7167				2191.90024	RS-700	1.263185274

Gamma Scan Survey Results
Survey Unit 5 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
2684	9/4/2019 7:31:12		-122.364	37.7167				2143.18885	RS-700	1.02084005
2685	9/4/2019 7:31:13		-122.364	37.7167				2128.27814	RS-700	0.946657413
2686	9/4/2019 7:31:14		-122.364	37.7167				2147.28912	RS-700	1.041239403
2687	9/4/2019 7:31:15		-122.364	37.7167				2226.79224	RS-700	1.436777313
2688	9/4/2019 7:31:16		-122.364	37.7167				2152.98155	RS-700	1.06955995
2689	9/4/2019 7:31:17		-122.364	37.7167				2141.07709	RS-700	1.010333781
2690	9/4/2019 7:31:18		-122.364	37.7167				2094.92548	RS-700	0.780723781
2691	9/4/2019 7:31:19		-122.364	37.7167				2155.66079	RS-700	1.082889502
2692	9/4/2019 7:31:20		-122.364	37.7167				2193.88975	RS-700	1.273083333
2693	9/4/2019 7:31:21		-122.364	37.7167				2162.20593	RS-700	1.115452388
2694	9/4/2019 7:31:22		-122.364	37.7167				2148.98126	RS-700	1.04965801
2695	9/4/2019 7:31:23		-122.364	37.7167				2085.52762	RS-700	0.733968259
2696	9/4/2019 7:31:24		-122.364	37.7167				2174.99477	RS-700	1.179078458
2697	9/4/2019 7:31:25		-122.364	37.7167				2099.05781	RS-700	0.801282637
2698	9/4/2019 7:31:26		-122.364	37.7167				2192.80168	RS-700	1.26767005
2699	9/4/2019 7:31:27		-122.364	37.7167				2151.30135	RS-700	1.061200746
2700	9/4/2019 7:31:28		-122.364	37.7167				2174.98895	RS-700	1.179049502
2701	9/4/2019 7:31:29		-122.364	37.7167				2047.13696	RS-700	0.54296995
2702	9/4/2019 7:31:30		-122.364	37.7167				2197.7827	RS-700	1.292451244
2703	9/4/2019 7:31:31		-122.364	37.7167				2178.87632	RS-700	1.198389652
2704	9/4/2019 7:31:32		-122.364	37.7167				2166.77203	RS-700	1.138169303
2705	9/4/2019 7:31:33		-122.364	37.7167				2192.88812	RS-700	1.2681001
2706	9/4/2019 7:31:34		-122.364	37.7167				2127.5459	RS-700	0.943014428
2707	9/4/2019 7:31:35		-122.364	37.7167				2120.06605	RS-700	0.905801244
2708	9/4/2019 7:31:36		-122.364	37.7167				2145.54773	RS-700	1.032575771
2709	9/4/2019 7:31:37		-122.364	37.7167				2143.97428	RS-700	1.024747662
2710	9/4/2019 7:31:38		-122.364	37.7167				2145.5421	RS-700	1.032547761
2711	9/4/2019 7:31:39		-122.364	37.7167				2191.55173	RS-700	1.261451393
2712	9/4/2019 7:31:40		-122.364	37.7167				2171.4528	RS-700	1.161456716
2713	9/4/2019 7:31:41		-122.364	37.7167				2109.75224	RS-700	0.854488756
2714	9/4/2019 7:31:42		-122.364	37.7167				2181.55729	RS-700	1.211727811
2715	9/4/2019 7:31:43		-122.364	37.7167				2128.53841	RS-700	0.947952289
2716	9/4/2019 7:31:44		-122.364	37.7167				2157.20489	RS-700	1.090571592
2717	9/4/2019 7:31:45		-122.364	37.7167				2259.13819	RS-700	1.597702438
2718	9/4/2019 7:31:46		-122.364	37.7167				2212.99711	RS-700	1.368144826
2719	9/4/2019 7:31:47		-122.364	37.7167				2126.64975	RS-700	0.93855597
2720	9/4/2019 7:31:48		-122.364	37.7167				2191.45345	RS-700	1.260962438
2721	9/4/2019 7:31:49		-122.364	37.7167				2197.99281	RS-700	1.293496567
2722	9/4/2019 7:31:50		-122.364	37.7167				2166.66166	RS-700	1.137620199
2723	9/4/2019 7:31:51		-122.364	37.7167				2156.65764	RS-700	1.087848955
2724	9/4/2019 7:31:52		-122.364	37.7167				2147.65349	RS-700	1.043052189
2725	9/4/2019 7:31:53		-122.364	37.7167				2215.33985	RS-700	1.379800249
2726	9/4/2019 7:31:54		-122.364	37.7167				2235.0194	RS-700	1.477708458
2727	9/4/2019 7:31:55		-122.364	37.7167				2244.79735	RS-700	1.526354975
2728	9/4/2019 7:31:56		-122.364	37.7167				2157.87542	RS-700	1.093907562
2729	9/4/2019 7:31:57		-122.364	37.7167				2219.78319	RS-700	1.401906418
2730	9/4/2019 7:31:58		-122.364	37.7167				2230.72587	RS-700	1.456347612
2731	9/4/2019 7:31:59		-122.364	37.7167				2187.2969	RS-700	1.240283085
2732	9/4/2019 7:32:00		-122.364	37.7167				2174.44005	RS-700	1.176318657
2733	9/4/2019 7:32:01		-122.364	37.7167				2249.0265	RS-700	1.547395522
2734	9/4/2019 7:32:02		-122.364	37.7167				2202.00204	RS-700	1.313442985
2735	9/4/2019 7:32:03		-122.364	37.7167				2285.81753	RS-700	1.730435473
2736	9/4/2019 7:32:04		-122.364	37.7167				2253.01754	RS-700	1.567251443
2737	9/4/2019 7:32:05		-122.364	37.7167				2228.01651	RS-700	1.442868209
2738	9/4/2019 7:32:06		-122.364	37.7166				2263.37126	RS-700	1.618762488
2739	9/4/2019 7:32:07		-122.364	37.7166				2232.68324	RS-700	1.466085771
2740	9/4/2019 7:32:08		-122.364	37.7166				2296.81945	RS-700	1.785171393
2741	9/4/2019 7:32:09		-122.364	37.7166				2247.36563	RS-700	1.539132488
2742	9/4/2019 7:32:10		-122.364	37.7166				2271.8088	RS-700	1.660740299
2743	9/4/2019 7:32:11		-122.364	37.7166				2187.24048	RS-700	1.240002388
2744	9/4/2019 7:32:12		-122.364	37.7166				2224.68133	RS-700	1.426275274

Gamma Scan Survey Results
Survey Unit 5 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
2745	9/4/2019 7:32:13		-122.364	37.7166				2190.78031	RS-700	1.257613483
2746	9/4/2019 7:32:14		-122.364	37.7166				2177.99051	RS-700	1.193982637
2747	9/4/2019 7:32:15		-122.364	37.7166				2233.999	RS-700	1.472631841
2748	9/4/2019 7:32:16		-122.364	37.7166				2190.77853	RS-700	1.257604627
2749	9/4/2019 7:32:17		-122.364	37.7166				2110.74759	RS-700	0.859440746
2750	9/4/2019 7:32:18		-122.364	37.7166				2256.48082	RS-700	1.584481692
2751	9/4/2019 7:32:19		-122.364	37.7166				2184.87119	RS-700	1.228214876
2752	9/4/2019 7:32:20		-122.364	37.7166				2185.7753	RS-700	1.232712935
2753	9/4/2019 7:32:21		-122.364	37.7166				2131.19752	RS-700	0.961181692
2754	9/4/2019 7:32:22		-122.364	37.7166				2145.08159	RS-700	1.030256667
2755	9/4/2019 7:32:23		-122.364	37.7166				2123.64867	RS-700	0.923625224
2756	9/4/2019 7:32:24		-122.364	37.7166				2162.87828	RS-700	1.118797413
2757	9/4/2019 7:32:25		-122.364	37.7166				2089.14322	RS-700	0.751956318
2758	9/4/2019 7:32:26		-122.364	37.7166				2143.08309	RS-700	1.020313881
2759	9/4/2019 7:32:27		-122.364	37.7166				2165.55787	RS-700	1.132128706
2760	9/4/2019 7:32:28		-122.364	37.7166				2210.12097	RS-700	1.353835672
2761	9/4/2019 7:32:29		-122.364	37.7166				2079.6329	RS-700	0.704641294
2762	9/4/2019 7:32:30		-122.364	37.7166				2212.33684	RS-700	1.364859901
2763	9/4/2019 7:32:31		-122.364	37.7166				2052.13866	RS-700	0.56785403
2764	9/4/2019 7:32:32		-122.364	37.7166				2172.99537	RS-700	1.169131194
2765	9/4/2019 7:32:33		-122.364	37.7166				2138.50665	RS-700	0.997545522
2766	9/4/2019 7:32:34		-122.364	37.7166				2225.90253	RS-700	1.432350896
2767	9/4/2019 7:32:35		-122.364	37.7166				2162.87723	RS-700	1.118792189
2768	9/4/2019 7:32:36		-122.364	37.7166				2203.45329	RS-700	1.320663134
2769	9/4/2019 7:32:37		-122.364	37.7166				2175.87542	RS-700	1.183459801
2770	9/4/2019 7:32:38		-122.364	37.7166				2124.18277	RS-700	0.926282438
2771	9/4/2019 7:32:39		-122.364	37.7166				2179.09324	RS-700	1.199468856
2772	9/4/2019 7:32:40		-122.364	37.7166				2183.99661	RS-700	1.223863731
2773	9/4/2019 7:32:41		-122.364	37.7166				2157.87391	RS-700	1.09390005
2774	9/4/2019 7:32:42		-122.364	37.7166				2177.10122	RS-700	1.189558308
2775	9/4/2019 7:32:43		-122.364	37.7166				2290.26826	RS-700	1.752578408
2776	9/4/2019 7:32:44		-122.364	37.7166				2196.0077	RS-700	1.283620398
2777	9/4/2019 7:32:45		-122.364	37.7166				2098.84899	RS-700	0.800243731
2778	9/4/2019 7:32:46		-122.364	37.7166				2095.95128	RS-700	0.785827264
2779	9/4/2019 7:32:47		-122.364	37.7165				2156.08844	RS-700	1.085017114
2780	9/4/2019 7:32:48		-122.364	37.7165				2086.74623	RS-700	0.740030995
2781	9/4/2019 7:32:49		-122.364	37.7165				2091.06047	RS-700	0.761494876
2782	9/4/2019 7:32:50		-122.364	37.7165				2091.84929	RS-700	0.765419353
2783	9/4/2019 7:32:51		-122.364	37.7165				2120.96517	RS-700	0.910274478
2784	9/4/2019 7:32:52		-122.364	37.7165				2155.75656	RS-700	1.08336597
2785	9/4/2019 7:32:53		-122.364	37.7165				2165.87392	RS-700	1.133701095
2786	9/4/2019 7:32:54		-122.364	37.7165				2146.07688	RS-700	1.035208358
2787	9/4/2019 7:32:55		-122.364	37.7165				2054.92828	RS-700	0.581732736
2788	9/4/2019 7:32:56		-122.364	37.7165				2077.52623	RS-700	0.694160348
2789	9/4/2019 7:32:57		-122.364	37.7165				2084.94442	RS-700	0.731066766
2790	9/4/2019 7:32:58		-122.364	37.7165				2147.33149	RS-700	1.041450199
2791	9/4/2019 7:32:59		-122.364	37.7165				2073.72614	RS-700	0.675254428
2792	9/4/2019 7:33:00		-122.364	37.7165				2045.14396	RS-700	0.533054527
2793	9/4/2019 7:33:01		-122.364	37.7165				2074.15497	RS-700	0.67738791
2794	9/4/2019 7:33:02		-122.364	37.7165				2122.65029	RS-700	0.918658159
2795	9/4/2019 7:33:03		-122.364	37.7165				2191.77281	RS-700	1.262551294
2796	9/4/2019 7:33:04		-122.364	37.7165				2039.52171	RS-700	0.505083134
2797	9/4/2019 7:33:05		-122.364	37.7165				2046.72265	RS-700	0.540908706
2798	9/4/2019 7:33:06		-122.364	37.7165				2035.52074	RS-700	0.485177811
2799	9/4/2019 7:33:07		-122.364	37.7165				1883.85765	RS-700	-0.269364925
2800	9/4/2019 7:33:08		-122.364	37.7165				1944.69655	RS-700	0.033316169
2801	9/4/2019 7:33:09		-122.364	37.7165				1873.25631	RS-700	-0.32210791
2802	9/4/2019 7:33:10		-122.364	37.7165				1889.381	RS-700	-0.241885572
2803	9/4/2019 7:33:11		-122.364	37.7165				1891.55864	RS-700	-0.231051542
2804	9/4/2019 7:33:12		-122.364	37.7165				1878.57712	RS-700	-0.295636219
2805	9/4/2019 7:33:13		-122.364	37.7165				1917.24732	RS-700	-0.103247164

Gamma Scan Survey Results
Survey Unit 5 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
2806	9/4/2019 7:33:14		-122.364	37.7165				1873.2274	RS-700	-0.322251741
2807	9/4/2019 7:33:15		-122.364	37.7165				1882.86192	RS-700	-0.274318806
2808	9/4/2019 7:33:16		-122.364	37.7165				1937.78574	RS-700	-0.00106597
2809	9/4/2019 7:33:17		-122.364	37.7165				1970.58828	RS-700	0.162130746
2810	9/4/2019 7:33:18		-122.364	37.7165				1945.79025	RS-700	0.038757463
2811	9/4/2019 7:33:19		-122.364	37.7165				1949.3991	RS-700	0.05671194
2812	9/4/2019 7:33:20		-122.364	37.7165				1934.69434	RS-700	-0.01644607
2813	9/4/2019 7:33:21		-122.364	37.7165				2074.2917	RS-700	0.678068159
2814	9/4/2019 7:33:22		-122.364	37.7165				1973.80279	RS-700	0.178123333
2815	9/4/2019 7:33:23		-122.364	37.7165				2082.53281	RS-700	0.719068706
2816	9/4/2019 7:33:24		-122.364	37.7165				2001.6106	RS-700	0.316470647
2817	9/4/2019 7:33:25		-122.364	37.7165				2025.40506	RS-700	0.434851045
2818	9/4/2019 7:33:26		-122.364	37.7165				2054.7322	RS-700	0.580757214
2819	9/4/2019 7:33:27		-122.364	37.7165				2074.26515	RS-700	0.67793607
2820	9/4/2019 7:33:28		-122.364	37.7165				2040.82507	RS-700	0.511567512
2821	9/4/2019 7:33:29		-122.364	37.7165				2102.85204	RS-700	0.820159403
2822	9/4/2019 7:33:30		-122.364	37.7165				2005.41587	RS-700	0.335402338
2823	9/4/2019 7:33:31		-122.364	37.7165				1953.71244	RS-700	0.078171343
2824	9/4/2019 7:33:32		-122.364	37.7165				2035.9351	RS-700	0.487239303
2825	9/4/2019 7:33:33		-122.364	37.7165				2042.02005	RS-700	0.517512687
2826	9/4/2019 7:33:34		-122.364	37.7165				2085.36723	RS-700	0.733170299
2827	9/4/2019 7:33:35		-122.364	37.7165				2110.64471	RS-700	0.858928905
2828	9/4/2019 7:33:36		-122.364	37.7165				2006.82418	RS-700	0.342408856
2829	9/4/2019 7:33:37		-122.364	37.7165				1985.00175	RS-700	0.233839552
2830	9/4/2019 7:33:38		-122.364	37.7164				2079.04977	RS-700	0.701740149
2831	9/4/2019 7:33:39		-122.364	37.7164				2050.42271	RS-700	0.559316965
2832	9/4/2019 7:33:40		-122.364	37.7164				2080.52491	RS-700	0.709079154
2833	9/4/2019 7:33:41		-122.364	37.7164				1963.70267	RS-700	0.12787398
2834	9/4/2019 7:33:42		-122.364	37.7164				2103.2547	RS-700	0.822162687
2835	9/4/2019 7:33:43		-122.364	37.7164				2003.12159	RS-700	0.32398801
2836	9/4/2019 7:33:44		-122.364	37.7164				2053.41721	RS-700	0.574214975
2837	9/4/2019 7:33:45		-122.364	37.7164				2103.64125	RS-700	0.824085821
2838	9/4/2019 7:33:46		-122.364	37.7164				2070.83734	RS-700	0.660882289
2839	9/4/2019 7:33:47		-122.364	37.7164				2019.42874	RS-700	0.405118109
2840	9/4/2019 7:33:48		-122.364	37.7164				2094.96959	RS-700	0.780943234
2841	9/4/2019 7:33:49		-122.364	37.7164				2064.93304	RS-700	0.631507662
2842	9/4/2019 7:33:50		-122.364	37.7164				2031.13673	RS-700	0.463366816
2843	9/4/2019 7:33:51		-122.364	37.7164				2089.84356	RS-700	0.755440597
2844	9/4/2019 7:33:52		-122.364	37.7164				2077.94295	RS-700	0.696233582
2845	9/4/2019 7:33:53		-122.364	37.7164				2118.54146	RS-700	0.898216219
2846	9/4/2019 7:33:54		-122.364	37.7164				2050.13564	RS-700	0.557888756
2847	9/4/2019 7:33:55		-122.364	37.7164				2098.53268	RS-700	0.79867005
2848	9/4/2019 7:33:56		-122.364	37.7164				2105.48918	RS-700	0.833279502
2849	9/4/2019 7:33:57		-122.364	37.7164				2069.94181	RS-700	0.656426915
2850	9/4/2019 7:33:58		-122.363	37.7164				2088.52978	RS-700	0.748904378
2851	9/4/2019 7:33:59		-122.363	37.7164				2007.71718	RS-700	0.346851642
2852	9/4/2019 7:34:00		-122.363	37.7164				2091.63499	RS-700	0.764353184
2853	9/4/2019 7:34:01		-122.363	37.7164				2059.52308	RS-700	0.604592438
2854	9/4/2019 7:34:02		-122.363	37.7164				2019.52585	RS-700	0.405601244
2855	9/4/2019 7:34:03		-122.363	37.7164				2036.31915	RS-700	0.48915
2856	9/4/2019 7:34:04		-122.363	37.7164				2087.53359	RS-700	0.743948209
2857	9/4/2019 7:34:05		-122.363	37.7164				2018.40182	RS-700	0.400009055
2858	9/4/2019 7:34:06		-122.363	37.7164				1992.60203	RS-700	0.271651891
2859	9/4/2019 7:34:07		-122.363	37.7164				2082.04161	RS-700	0.716624925
2860	9/4/2019 7:34:08		-122.363	37.7164				2112.28429	RS-700	0.86708602
2861	9/4/2019 7:34:09		-122.363	37.7164				2137.65271	RS-700	0.993297065
2862	9/4/2019 7:34:10		-122.363	37.7164				2026.94047	RS-700	0.4424899
2863	9/4/2019 7:34:11		-122.363	37.7164				2028.01947	RS-700	0.44785806
2864	9/4/2019 7:34:12		-122.363	37.7164				2086.95638	RS-700	0.741076517
2865	9/4/2019 7:34:13		-122.363	37.7164				2108.17243	RS-700	0.846629005
2866	9/4/2019 7:34:14		-122.363	37.7164				2102.85288	RS-700	0.820163582

Gamma Scan Survey Results
Survey Unit 5 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
2867	9/4/2019 7:34:15		-122.363	37.7164				2091.64685	RS-700	0.764412189
2868	9/4/2019 7:34:16		-122.363	37.7164				2052.92702	RS-700	0.571776219
2869	9/4/2019 7:34:17		-122.363	37.7164				1994.19951	RS-700	0.279599552
2870	9/4/2019 7:34:18		-122.363	37.7164				2067.42582	RS-700	0.643909552
2871	9/4/2019 7:34:19		-122.363	37.7164				2040.62321	RS-700	0.510563234
2872	9/4/2019 7:34:20		-122.363	37.7164				2042.44648	RS-700	0.519634229
2873	9/4/2019 7:34:21		-122.363	37.7164				2126.65561	RS-700	0.938585124
2874	9/4/2019 7:34:22		-122.363	37.7164				2032.8308	RS-700	0.471795025
2875	9/4/2019 7:34:23		-122.363	37.7164				2053.52676	RS-700	0.57476
2876	9/4/2019 7:34:24		-122.363	37.7164				2163.99032	RS-700	1.12432995
2877	9/4/2019 7:34:25		-122.363	37.7164				2078.15934	RS-700	0.697310149
2878	9/4/2019 7:34:26		-122.363	37.7164				1988.50685	RS-700	0.251277861
2879	9/4/2019 7:34:27		-122.363	37.7164				2013.51262	RS-700	0.375684677
2880	9/4/2019 7:34:28		-122.363	37.7164				2059.05432	RS-700	0.602260299
2881	9/4/2019 7:34:29		-122.363	37.7164				2066.73338	RS-700	0.640464577
2882	9/4/2019 7:34:30		-122.363	37.7164				2067.04513	RS-700	0.642015572
2883	9/4/2019 7:34:31		-122.363	37.7164				2030.61868	RS-700	0.460789453
2884	9/4/2019 7:34:32		-122.363	37.7164				2087.17277	RS-700	0.742153085
2885	9/4/2019 7:34:33		-122.363	37.7164				2133.30128	RS-700	0.971648159
2886	9/4/2019 7:34:34		-122.363	37.7164				2039.13701	RS-700	0.503169204
2887	9/4/2019 7:34:35		-122.363	37.7164				2079.96139	RS-700	0.706275572
2888	9/4/2019 7:34:36		-122.363	37.7164				2005.41595	RS-700	0.335402736
2889	9/4/2019 7:34:37		-122.363	37.7164				1985.71088	RS-700	0.237367562
2890	9/4/2019 7:34:38		-122.363	37.7164				2098.48414	RS-700	0.798428557
2891	9/4/2019 7:34:39		-122.363	37.7164				1991.82364	RS-700	0.267779303
2892	9/4/2019 7:34:40		-122.363	37.7164				2037.1327	RS-700	0.493197512
2893	9/4/2019 7:34:41		-122.363	37.7164				2073.05885	RS-700	0.671934577
2894	9/4/2019 7:34:42		-122.363	37.7164				2017.51938	RS-700	0.395618806
2895	9/4/2019 7:34:43		-122.363	37.7164				1995.60966	RS-700	0.286615224
2896	9/4/2019 7:34:44		-122.363	37.7164				1942.59541	RS-700	0.022862736
2897	9/4/2019 7:34:45		-122.363	37.7164				1956.78424	RS-700	0.09345393
2898	9/4/2019 7:34:46		-122.363	37.7164				2023.51722	RS-700	0.425458806
2899	9/4/2019 7:34:47		-122.363	37.7164				2060.51537	RS-700	0.609529204
2900	9/4/2019 7:34:48		-122.363	37.7164				2036.83169	RS-700	0.49169995
2901	9/4/2019 7:34:49		-122.363	37.7164				2000.01449	RS-700	0.308529801
2902	9/4/2019 7:34:50		-122.363	37.7164				2024.62856	RS-700	0.430987861
2903	9/4/2019 7:34:51		-122.363	37.7164				2063.62463	RS-700	0.624998159
2904	9/4/2019 7:34:52		-122.363	37.7164				2026.12541	RS-700	0.438434876
2905	9/4/2019 7:34:53		-122.363	37.7164				1979.10414	RS-700	0.204498209
2906	9/4/2019 7:34:54		-122.363	37.7164				1992.30513	RS-700	0.270174776
2907	9/4/2019 7:34:55		-122.363	37.7164				2025.91782	RS-700	0.43740209
2908	9/4/2019 7:34:56		-122.363	37.7164				2119.75715	RS-700	0.904264428
2909	9/4/2019 7:34:57		-122.363	37.7164				1987.50787	RS-700	0.246307811
2910	9/4/2019 7:34:58		-122.363	37.7164				1995.20841	RS-700	0.284618955
2911	9/4/2019 7:34:59		-122.363	37.7164				1961.90839	RS-700	0.118947214
2912	9/4/2019 7:35:00		-122.363	37.7164				2034.62584	RS-700	0.480725572
2913	9/4/2019 7:35:01		-122.363	37.7164				2051.82981	RS-700	0.566317463
2914	9/4/2019 7:35:02		-122.363	37.7164				2084.5309	RS-700	0.729009453
2915	9/4/2019 7:35:03		-122.363	37.7164				2063.32122	RS-700	0.623488657
2916	9/4/2019 7:35:04		-122.363	37.7164				1993.10224	RS-700	0.274140498
2917	9/4/2019 7:35:05		-122.363	37.7164				2059.21395	RS-700	0.603054478
2918	9/4/2019 7:35:06		-122.363	37.7164				1944.79068	RS-700	0.033784478
2919	9/4/2019 7:35:07		-122.363	37.7164				1987.80673	RS-700	0.247794677
2920	9/4/2019 7:35:08		-122.363	37.7164				1943.29804	RS-700	0.026358408
2921	9/4/2019 7:35:09		-122.363	37.7164				2044.51967	RS-700	0.529948607
2922	9/4/2019 7:35:10		-122.363	37.7164				2071.74519	RS-700	0.665398955
2923	9/4/2019 7:35:11		-122.363	37.7163				2035.42309	RS-700	0.48469199
2924	9/4/2019 7:35:12		-122.363	37.7163				1895.4849	RS-700	-0.21151791
2925	9/4/2019 7:35:13		-122.363	37.7163				1453.22573	RS-700	-2.411812289
2926	9/4/2019 7:35:14		-122.363	37.7163				1188.17984	RS-700	-3.730448557
2927	9/4/2019 7:35:15		-122.363	37.7163				1125.05154	RS-700	-4.044519701

Gamma Scan Survey Results
Survey Unit 5 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
2928	9/4/2019 7:35:16		-122.363	37.7163				1218.18596	RS-700	-3.581164378
2929	9/4/2019 7:35:17		-122.363	37.7163				1724.17997	RS-700	-1.063781244
2930	9/4/2019 7:35:18		-122.363	37.7163				1974.40535	RS-700	0.181121144
2931	9/4/2019 7:35:19		-122.363	37.7163				1943.68867	RS-700	0.028301841
2932	9/4/2019 7:35:20		-122.363	37.7163				1937.69254	RS-700	-0.001529652
2933	9/4/2019 7:35:21		-122.363	37.7163				1955.01686	RS-700	0.084660995
2934	9/4/2019 7:35:22		-122.363	37.7163				1973.79935	RS-700	0.178106219
2935	9/4/2019 7:35:23		-122.363	37.7163				1995.70185	RS-700	0.287073881
2936	9/4/2019 7:35:24		-122.363	37.7163				1978.50854	RS-700	0.201535025
2937	9/4/2019 7:35:25		-122.363	37.7163				1942.08029	RS-700	0.02029995
2938	9/4/2019 7:35:26		-122.363	37.7163				1961.49216	RS-700	0.116876418
2939	9/4/2019 7:35:27		-122.363	37.7163				2023.82271	RS-700	0.426978657
2940	9/4/2019 7:35:28		-122.363	37.7163				2016.72195	RS-700	0.391651493
2941	9/4/2019 7:35:29		-122.363	37.7163				2068.2089	RS-700	0.647805473
2942	9/4/2019 7:35:30		-122.363	37.7163				2029.92076	RS-700	0.457317214
2943	9/4/2019 7:35:31		-122.363	37.7163				2098.85223	RS-700	0.800259851
2944	9/4/2019 7:35:32		-122.363	37.7163				2130.98532	RS-700	0.96012597
2945	9/4/2019 7:35:33		-122.363	37.7163				2159.0909	RS-700	1.099954726
2946	9/4/2019 7:35:34		-122.363	37.7163				2171.98854	RS-700	1.16412209
2947	9/4/2019 7:35:35		-122.363	37.7163				2227.90763	RS-700	1.442326517
2948	9/4/2019 7:35:36		-122.363	37.7163				2267.04105	RS-700	1.637020149
2949	9/4/2019 7:35:37		-122.363	37.7163				2301.03628	RS-700	1.806150647
2950	9/4/2019 7:35:38		-122.363	37.7163				2268.16622	RS-700	1.64261801
2951	9/4/2019 7:35:39		-122.363	37.7163				2176.44191	RS-700	1.186278159
2952	9/4/2019 7:35:40		-122.363	37.7163				2189.99512	RS-700	1.253707065
2953	9/4/2019 7:35:41		-122.363	37.7163				2063.63511	RS-700	0.625050299
2954	9/4/2019 7:35:42		-122.363	37.7163				2195.99699	RS-700	1.283567114
2955	9/4/2019 7:35:43		-122.363	37.7163				2050.5211	RS-700	0.559806468
2956	9/4/2019 7:35:44		-122.363	37.7163				2106.55502	RS-700	0.838582189
2957	9/4/2019 7:35:45		-122.363	37.7163				1980.49981	RS-700	0.211441841
2958	9/4/2019 7:35:46		-122.363	37.7163				2023.92102	RS-700	0.427467761
2959	9/4/2019 7:35:47		-122.363	37.7163				1861.67048	RS-700	-0.379748856
2960	9/4/2019 7:35:48		-122.363	37.7163				2033.41835	RS-700	0.474718159
2961	9/4/2019 7:35:49		-122.363	37.7163				1917.19936	RS-700	-0.103485771
2962	9/4/2019 7:35:50		-122.363	37.7163				1968.3053	RS-700	0.150772637
2963	9/4/2019 7:35:51		-122.363	37.7163				1949.88643	RS-700	0.059136468
2964	9/4/2019 7:35:52		-122.363	37.7163				2006.11221	RS-700	0.338866716
2965	9/4/2019 7:35:53		-122.363	37.7162				2035.82506	RS-700	0.486691841
2966	9/4/2019 7:35:54		-122.363	37.7162				2011.61549	RS-700	0.366246219
2967	9/4/2019 7:35:55		-122.363	37.7162				1996.29892	RS-700	0.290044378
2968	9/4/2019 7:35:56		-122.363	37.7162				2084.85157	RS-700	0.730604826
2969	9/4/2019 7:35:57		-122.363	37.7162				2005.51647	RS-700	0.335902836
2970	9/4/2019 7:35:58		-122.363	37.7162				2039.41783	RS-700	0.504566318
2971	9/4/2019 7:35:59		-122.363	37.7162				2018.91133	RS-700	0.40254393
2972	9/4/2019 7:36:00		-122.363	37.7162				2096.76143	RS-700	0.789857861
2973	9/4/2019 7:36:01		-122.363	37.7162				2086.16174	RS-700	0.737123085
2974	9/4/2019 7:36:02		-122.363	37.7162				2128.60492	RS-700	0.948283184
2975	9/4/2019 7:36:03		-122.363	37.7162				2115.54657	RS-700	0.883316269
2976	9/4/2019 7:36:04		-122.363	37.7162				2080.52822	RS-700	0.709095622
2977	9/4/2019 7:36:05		-122.363	37.7162				2024.82446	RS-700	0.431962488
2978	9/4/2019 7:36:06		-122.363	37.7162				2008.61535	RS-700	0.351320149
2979	9/4/2019 7:36:07		-122.363	37.7162				2072.7128	RS-700	0.670212935
2980	9/4/2019 7:36:08		-122.363	37.7162				2118.17657	RS-700	0.896400846
2981	9/4/2019 7:36:09		-122.363	37.7162				2062.34287	RS-700	0.618621244
2982	9/4/2019 7:36:10		-122.363	37.7162				2138.43134	RS-700	0.997170846
2983	9/4/2019 7:36:11		-122.363	37.7162				2082.6446	RS-700	0.719624876
2984	9/4/2019 7:36:12		-122.363	37.7162				2139.97634	RS-700	1.004857413
2985	9/4/2019 7:36:13		-122.363	37.7162				2110.74974	RS-700	0.859451443
2986	9/4/2019 7:36:14		-122.363	37.7162				2089.25565	RS-700	0.752515672
2987	9/4/2019 7:36:15		-122.363	37.7162				2095.53061	RS-700	0.783734378
2988	9/4/2019 7:36:16		-122.363	37.7162				2033.51877	RS-700	0.475217761

Gamma Scan Survey Results
Survey Unit 5 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
2989	9/4/2019 7:36:17		-122.363	37.7162				2031.53614	RS-700	0.46535393
2990	9/4/2019 7:36:18		-122.363	37.7162				2074.95166	RS-700	0.681351542
2991	9/4/2019 7:36:19		-122.363	37.7162				2087.5261	RS-700	0.743910945
2992	9/4/2019 7:36:20		-122.363	37.7162				2035.72444	RS-700	0.486191244
2993	9/4/2019 7:36:21		-122.363	37.7162				2039.23683	RS-700	0.503665821
2994	9/4/2019 7:36:22		-122.363	37.7162				2090.74466	RS-700	0.759923682
2995	9/4/2019 7:36:23		-122.363	37.7162				2026.6248	RS-700	0.440919403
2996	9/4/2019 7:36:24		-122.363	37.7162				1964.50612	RS-700	0.131871244
2997	9/4/2019 7:36:25		-122.363	37.7162				1994.01219	RS-700	0.278667612
2998	9/4/2019 7:36:26		-122.363	37.7162				1940.98453	RS-700	0.014848408
2999	9/4/2019 7:36:27		-122.363	37.7162				1930.58961	RS-700	-0.036867612
3000	9/4/2019 7:36:28		-122.363	37.7162				1955.50202	RS-700	0.087074726
3001	9/4/2019 7:36:29		-122.363	37.7162				1898.29697	RS-700	-0.197527512
3002	9/4/2019 7:36:30		-122.363	37.7162				1920.07036	RS-700	-0.089202189
3003	9/4/2019 7:36:31		-122.363	37.7161				1968.60131	RS-700	0.152245323
3004	9/4/2019 7:36:32		-122.363	37.7161				1953.37514	RS-700	0.076493234
3005	9/4/2019 7:36:33		-122.363	37.7161				1869.03634	RS-700	-0.343102786
3006	9/4/2019 7:36:34		-122.363	37.7161				1888.48652	RS-700	-0.246335721
3007	9/4/2019 7:36:35		-122.363	37.7161				1775.80239	RS-700	-0.806953284
3008	9/4/2019 7:36:36		-122.363	37.7161				1618.49478	RS-700	-1.589578209
3009	9/4/2019 7:36:37		-122.363	37.7161				1704.09276	RS-700	-1.163717612
3010	9/4/2019 7:36:38		-122.363	37.7161				1740.45166	RS-700	-0.982827562
3011	9/4/2019 7:36:39		-122.363	37.7161				1501.38264	RS-700	-2.172225672
3012	9/4/2019 7:36:40		-122.363	37.7161				1175.18136	RS-700	-3.795117612
3013	9/4/2019 7:36:41		-122.363	37.7161				1101.21914	RS-700	-4.163088856
3014	9/4/2019 7:36:42		-122.363	37.7161				1331.61724	RS-700	-3.016829652
3015	9/4/2019 7:36:43		-122.363	37.7161				1581.24369	RS-700	-1.774907015
3016	9/4/2019 7:36:44		-122.363	37.7161				1713.43668	RS-700	-1.117230448
3017	9/4/2019 7:36:45		-122.363	37.7161				1716.04218	RS-700	-1.104267761
3018	9/4/2019 7:36:46		-122.363	37.7161				1721.35179	RS-700	-1.077851791
3019	9/4/2019 7:36:47		-122.363	37.7161				1644.49839	RS-700	-1.460207015
3020	9/4/2019 7:36:48		-122.363	37.7161				1692.60249	RS-700	-1.220883134
3021	9/4/2019 7:36:49		-122.363	37.7161				1811.00649	RS-700	-0.631808507
3022	9/4/2019 7:36:50		-122.363	37.7161				1647.07863	RS-700	-1.44737
3023	9/4/2019 7:36:51		-122.363	37.7161				1677.26205	RS-700	-1.297203731
3024	9/4/2019 7:36:52		-122.363	37.7161				1771.63083	RS-700	-0.827707313
3025	9/4/2019 7:36:53		-122.363	37.7161				1661.92826	RS-700	-1.373491244
3026	9/4/2019 7:36:54		-122.363	37.7161				1704.34298	RS-700	-1.162472736
3027	9/4/2019 7:36:55		-122.363	37.7161				1735.18343	RS-700	-1.009037662
3028	9/4/2019 7:36:56		-122.363	37.7161				1682.50747	RS-700	-1.271107114
3029	9/4/2019 7:36:57		-122.363	37.7161				1755.27424	RS-700	-0.909083383
3030	9/4/2019 7:36:58		-122.363	37.7161				1685.85574	RS-700	-1.254449055
3031	9/4/2019 7:36:59		-122.363	37.7161				1715.78124	RS-700	-1.10556597
3032	9/4/2019 7:37:00		-122.363	37.7161				1699.52051	RS-700	-1.186465124
3033	9/4/2019 7:37:01		-122.363	37.7161				1686.85401	RS-700	-1.249482537
3034	9/4/2019 7:37:02		-122.363	37.7161				1710.51823	RS-700	-1.1317501
3035	9/4/2019 7:37:03		-122.363	37.7161				1696.34475	RS-700	-1.202264925
3036	9/4/2019 7:37:04		-122.363	37.7161				1668.34188	RS-700	-1.341582687
3037	9/4/2019 7:37:05		-122.363	37.7161				1645.58857	RS-700	-1.454783234
3038	9/4/2019 7:37:06		-122.363	37.7161				1727.27185	RS-700	-1.048398756
3039	9/4/2019 7:37:07		-122.363	37.7161				1703.34904	RS-700	-1.167417711
3040	9/4/2019 7:37:08		-122.363	37.7161				1678.68036	RS-700	-1.290147463
3041	9/4/2019 7:37:09		-122.363	37.7161				1681.51602	RS-700	-1.276039701
3042	9/4/2019 7:37:10		-122.363	37.7161				1681.5173	RS-700	-1.276033333
3043	9/4/2019 7:37:11		-122.363	37.7161				1690.26305	RS-700	-1.232522139
3044	9/4/2019 7:37:12		-122.363	37.7161				1703.52097	RS-700	-1.166562338
3045	9/4/2019 7:37:13		-122.363	37.7161				1669.2616	RS-700	-1.337006965
3046	9/4/2019 7:37:14		-122.363	37.7161				1711.34795	RS-700	-1.127622139
3047	9/4/2019 7:37:15		-122.363	37.7161				1753.88068	RS-700	-0.916016517
3048	9/4/2019 7:37:16		-122.363	37.7161				1656.99768	RS-700	-1.398021493
3049	9/4/2019 7:37:17		-122.363	37.7161				1605.73159	RS-700	-1.653076667

Gamma Scan Survey Results
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SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
3050	9/4/2019 7:37:18		-122.363	37.7161				1665.17411	RS-700	-1.357342736
3051	9/4/2019 7:37:19		-122.363	37.7161				1729.45733	RS-700	-1.037525721
3052	9/4/2019 7:37:20		-122.363	37.7161				1740.35736	RS-700	-0.983296716
3053	9/4/2019 7:37:21		-122.363	37.7161				1723.4421	RS-700	-1.067452239
3054	9/4/2019 7:37:22		-122.363	37.7161				1799.56069	RS-700	-0.688752786
3055	9/4/2019 7:37:23		-122.363	37.7161				1843.37721	RS-700	-0.470760149
3056	9/4/2019 7:37:24		-122.363	37.7161				1738.53265	RS-700	-0.992374876
3057	9/4/2019 7:37:25		-122.363	37.7161				1768.54356	RS-700	-0.843066866
3058	9/4/2019 7:37:26		-122.363	37.7161				1740.6132	RS-700	-0.982023881
3059	9/4/2019 7:37:27		-122.363	37.7161				1788.45888	RS-700	-0.743985672
3060	9/4/2019 7:37:28		-122.363	37.7161				1762.63491	RS-700	-0.872463134
3061	9/4/2019 7:37:29		-122.363	37.7161				1755.44878	RS-700	-0.908215025
3062	9/4/2019 7:37:30		-122.363	37.7161				1734.18249	RS-700	-1.014017463
3063	9/4/2019 7:37:31		-122.363	37.7161				1795.64659	RS-700	-0.70822592
3064	9/4/2019 7:37:32		-122.363	37.7161				1806.55324	RS-700	-0.65396398
3065	9/4/2019 7:37:33		-122.363	37.7161				1832.55987	RS-700	-0.524577761
3066	9/4/2019 7:37:34		-122.363	37.7161				1827.65893	RS-700	-0.548960547
3067	9/4/2019 7:37:35		-122.363	37.7161				1796.71836	RS-700	-0.702893731
3068	9/4/2019 7:37:36		-122.363	37.7161				1808.55285	RS-700	-0.644015672
3069	9/4/2019 7:37:37		-122.363	37.7161				1770.98165	RS-700	-0.830937065
3070	9/4/2019 7:37:38		-122.363	37.7161				1760.44079	RS-700	-0.883379154
3071	9/4/2019 7:37:39		-122.363	37.7161				1707.18761	RS-700	-1.148320348
3072	9/4/2019 7:37:40		-122.363	37.7161				1709.52644	RS-700	-1.136684378
3073	9/4/2019 7:37:41		-122.363	37.7161				1671.34273	RS-700	-1.326653085
3074	9/4/2019 7:37:42		-122.363	37.7161				1773.43923	RS-700	-0.818710299
3075	9/4/2019 7:37:43		-122.363	37.7161				1863.66368	RS-700	-0.369832438
3076	9/4/2019 7:37:44		-122.363	37.7161				1758.80411	RS-700	-0.891521841
3077	9/4/2019 7:37:45		-122.363	37.7161				1720.87385	RS-700	-1.080229602
3078	9/4/2019 7:37:46		-122.363	37.7161				1864.38973	RS-700	-0.366220249
3079	9/4/2019 7:37:47		-122.363	37.7161				1732.6235	RS-700	-1.021773632
3080	9/4/2019 7:37:48		-122.363	37.7161				1807.91626	RS-700	-0.647182786
3081	9/4/2019 7:37:49		-122.363	37.7161				1830.64924	RS-700	-0.534083383
3082	9/4/2019 7:37:50		-122.363	37.7161				1821.56304	RS-700	-0.579288358
3083	9/4/2019 7:37:51		-122.363	37.7161				1909.48207	RS-700	-0.141880249
3084	9/4/2019 7:37:52		-122.363	37.7161				1919.47274	RS-700	-0.092175423
3085	9/4/2019 7:37:53		-122.363	37.7161				1851.47173	RS-700	-0.430488905
3086	9/4/2019 7:37:54		-122.363	37.7161				1917.14544	RS-700	-0.10375403
3087	9/4/2019 7:37:55		-122.363	37.7161				1963.28716	RS-700	0.125806766
3088	9/4/2019 7:37:56		-122.363	37.7161				2005.81572	RS-700	0.337391642
3089	9/4/2019 7:37:57		-122.363	37.7161				2068.52385	RS-700	0.649372388
3090	9/4/2019 7:37:58		-122.363	37.7161				2170.55525	RS-700	1.156991294
3091	9/4/2019 7:37:59		-122.363	37.7161				2125.1779	RS-700	0.931233333
3092	9/4/2019 7:38:00		-122.363	37.7161				2185.1135	RS-700	1.229420398
3093	9/4/2019 7:38:01		-122.363	37.7161				2134.54239	RS-700	0.977822836
3094	9/4/2019 7:38:02		-122.363	37.7161				2153.65911	RS-700	1.072930896
3095	9/4/2019 7:38:03		-122.363	37.7161				2157.76495	RS-700	1.09335796
3096	9/4/2019 7:38:04		-122.363	37.7161				2177.88457	RS-700	1.193455572
3097	9/4/2019 7:38:05		-122.363	37.7161				2118.2819	RS-700	0.896924876
3098	9/4/2019 7:38:06		-122.363	37.7161				2143.33666	RS-700	1.021575423
3099	9/4/2019 7:38:07		-122.363	37.7161				2178.77535	RS-700	1.197887313
3100	9/4/2019 7:38:08		-122.363	37.7161				2094.04125	RS-700	0.776324627
3101	9/4/2019 7:38:09		-122.363	37.7161				2150.41701	RS-700	1.056801045
3102	9/4/2019 7:38:10		-122.363	37.7161				2115.55169	RS-700	0.883341741
3103	9/4/2019 7:38:11		-122.363	37.7161				2138.97581	RS-700	0.999879652
3104	9/4/2019 7:38:12		-122.363	37.7161				2195.23527	RS-700	1.279777463
3105	9/4/2019 7:38:13		-122.363	37.7161				2133.17658	RS-700	0.971027761
3106	9/4/2019 7:38:14		-122.363	37.7161				2154.40932	RS-700	1.076663284
3107	9/4/2019 7:38:15		-122.363	37.7161				2086.74097	RS-700	0.740004826
3108	9/4/2019 7:38:16		-122.363	37.7161				1966.70667	RS-700	0.142819254
3109	9/4/2019 7:38:17		-122.363	37.7161				2104.3238	RS-700	0.827481592
3110	9/4/2019 7:38:18		-122.363	37.7161				2202.88004	RS-700	1.317811144

Gamma Scan Survey Results
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SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
3111	9/4/2019 7:38:19		-122.363	37.7161				2101.43071	RS-700	0.813088109
3112	9/4/2019 7:38:20		-122.363	37.7161				2102.96046	RS-700	0.820698806
3113	9/4/2019 7:38:21		-122.363	37.7161				2076.64316	RS-700	0.689766965
3114	9/4/2019 7:38:22		-122.363	37.7161				2157.54826	RS-700	1.092279901
3115	9/4/2019 7:38:23		-122.363	37.7161				2123.28561	RS-700	0.921818955
3116	9/4/2019 7:38:24		-122.363	37.7161				2113.85643	RS-700	0.874907612
3117	9/4/2019 7:38:25		-122.363	37.7161				2145.98416	RS-700	1.034747065
3118	9/4/2019 7:38:26		-122.363	37.7161				2110.53552	RS-700	0.858385672
3119	9/4/2019 7:38:27		-122.363	37.7161				2208.45426	RS-700	1.345543582
3120	9/4/2019 7:38:28		-122.363	37.7161				2108.74202	RS-700	0.849462786
3121	9/4/2019 7:38:29		-122.363	37.7161				2141.5457	RS-700	1.012665174
3122	9/4/2019 7:38:30		-122.363	37.7161				2174.31724	RS-700	1.175707662
3123	9/4/2019 7:38:31		-122.363	37.7161				2138.51458	RS-700	0.997584975
3124	9/4/2019 7:38:32		-122.363	37.7161				2074.94305	RS-700	0.681308706
3125	9/4/2019 7:38:33		-122.363	37.7161				2039.51951	RS-700	0.505072189
3126	9/4/2019 7:38:34		-122.363	37.7161				2101.85354	RS-700	0.815191741
3127	9/4/2019 7:38:35		-122.363	37.7161				2029.72015	RS-700	0.456319154
3128	9/4/2019 7:38:36		-122.363	37.7161				2043.24371	RS-700	0.523600547
3129	9/4/2019 7:38:37		-122.363	37.7161				1978.50168	RS-700	0.201500896
3130	9/4/2019 7:38:38		-122.363	37.7161				1927.97511	RS-700	-0.049875075
3131	9/4/2019 7:38:39		-122.363	37.7161				1959.49946	RS-700	0.106962488
3132	9/4/2019 7:38:40		-122.363	37.7161				2034.92861	RS-700	0.482231891
3133	9/4/2019 7:38:41		-122.363	37.7161				1923.60977	RS-700	-0.071593184
3134	9/4/2019 7:38:42		-122.363	37.7161				2053.31284	RS-700	0.573695721
3135	9/4/2019 7:38:43		-122.363	37.7161				1942.00664	RS-700	0.019933532
3136	9/4/2019 7:38:44		-122.363	37.7161				1997.61102	RS-700	0.296572239
3137	9/4/2019 7:38:45		-122.363	37.7161				1987.80256	RS-700	0.24777393
3138	9/4/2019 7:38:46		-122.363	37.7161				1907.6813	RS-700	-0.150839303
3139	9/4/2019 7:38:47		-122.363	37.7161				1823.3803	RS-700	-0.570247264
3140	9/4/2019 7:38:48		-122.363	37.7161				1743.53262	RS-700	-0.967499403
3141	9/4/2019 7:38:49		-122.363	37.7161				1478.23147	RS-700	-2.287405622
3142	9/4/2019 7:38:50		-122.363	37.7161				984.35352	RS-700	-4.744509851
3143	9/4/2019 7:38:51		-122.363	37.7161				969.29616	RS-700	-4.81942209
3144	9/4/2019 7:38:52		-122.363	37.7161				928.0514	RS-700	-5.024619901
3145	9/4/2019 7:38:53		-122.363	37.7161				904.13991	RS-700	-5.143582537
3146	9/4/2019 7:38:54		-122.363	37.7161				954.19589	RS-700	-4.894547811
3147	9/4/2019 7:38:55		-122.363	37.716				1259.38422	RS-700	-3.37619791
3148	9/4/2019 7:38:56		-122.363	37.716				1822.55662	RS-700	-0.574345174
3149	9/4/2019 7:38:57		-122.363	37.716				1965.89594	RS-700	0.138785771
3150	9/4/2019 7:38:58		-122.363	37.716				1984.40166	RS-700	0.23085403
3151	9/4/2019 7:38:59		-122.363	37.716				1793.81548	RS-700	-0.71733592
3152	9/4/2019 7:39:00		-122.363	37.716				1552.00807	RS-700	-1.920357861
3153	9/4/2019 7:39:01		-122.363	37.716				1013.41087	RS-700	-4.59994592
3154	9/4/2019 7:39:02		-122.363	37.716				986.25038	RS-700	-4.735072736
3155	9/4/2019 7:39:03		-122.363	37.716				1273.261	RS-700	-3.307159204
3156	9/4/2019 7:39:04		-122.363	37.716				1820.10397	RS-700	-0.586547413
3157	9/4/2019 7:39:05		-122.363	37.716				1956.39716	RS-700	0.091528159
3158	9/4/2019 7:39:06		-122.363	37.716				1936.98048	RS-700	-0.005072239
3159	9/4/2019 7:39:07		-122.363	37.716				1930.37914	RS-700	-0.037914726
3160	9/4/2019 7:39:08		-122.363	37.716				1739.14631	RS-700	-0.989321841
3161	9/4/2019 7:39:09		-122.363	37.716				1567.32132	RS-700	-1.844172537
3162	9/4/2019 7:39:10		-122.363	37.716				1467.22403	RS-700	-2.342169005
3163	9/4/2019 7:39:11		-122.363	37.716				1717.52652	RS-700	-1.096882985
3164	9/4/2019 7:39:12		-122.363	37.716				1972.50364	RS-700	0.1716599
3165	9/4/2019 7:39:13		-122.363	37.716				2020.51467	RS-700	0.410520746
3166	9/4/2019 7:39:14		-122.363	37.716				2000.9284	RS-700	0.313076617
3167	9/4/2019 7:39:15		-122.363	37.716				2025.13391	RS-700	0.43350204
3168	9/4/2019 7:39:16		-122.363	37.716				2068.94061	RS-700	0.651445821
3169	9/4/2019 7:39:17		-122.363	37.716				2066.52224	RS-700	0.639414129
3170	9/4/2019 7:39:18		-122.363	37.716				2126.75534	RS-700	0.939081294
3171	9/4/2019 7:39:19		-122.363	37.716				2050.83338	RS-700	0.5613601

Gamma Scan Survey Results
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SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
3172	9/4/2019 7:39:20		-122.363	37.716				2074.42673	RS-700	0.67873995
3173	9/4/2019 7:39:21		-122.363	37.716				1955.59758	RS-700	0.087550149
3174	9/4/2019 7:39:22		-122.363	37.716				2032.11833	RS-700	0.468250398
3175	9/4/2019 7:39:23		-122.363	37.716				2013.01782	RS-700	0.373222985
3176	9/4/2019 7:39:24		-122.363	37.716				2000.99959	RS-700	0.313430796
3177	9/4/2019 7:39:25		-122.363	37.716				1991.60026	RS-700	0.26666796
3178	9/4/2019 7:39:26		-122.363	37.716				2028.6196	RS-700	0.450843781
3179	9/4/2019 7:39:27		-122.363	37.716				2019.81204	RS-700	0.407025075
3180	9/4/2019 7:39:28		-122.363	37.716				1932.49552	RS-700	-0.027385473
3181	9/4/2019 7:39:29		-122.363	37.716				1972.69972	RS-700	0.172635423
3182	9/4/2019 7:39:30		-122.363	37.716				2051.03324	RS-700	0.562354428
3183	9/4/2019 7:39:31		-122.363	37.716				2076.63425	RS-700	0.689722637
3184	9/4/2019 7:39:32		-122.363	37.716				2125.65175	RS-700	0.933590796
3185	9/4/2019 7:39:33		-122.363	37.716				2020.61674	RS-700	0.411028557
3186	9/4/2019 7:39:34		-122.363	37.716				2090.06435	RS-700	0.756539055
3187	9/4/2019 7:39:35		-122.363	37.716				2033.93497	RS-700	0.477288408
3188	9/4/2019 7:39:36		-122.363	37.716				2136.64662	RS-700	0.988291642
3189	9/4/2019 7:39:37		-122.363	37.716				2132.54182	RS-700	0.967869751
3190	9/4/2019 7:39:38		-122.363	37.716				2110.96587	RS-700	0.860526716
3191	9/4/2019 7:39:39		-122.363	37.7159				2080.3668	RS-700	0.708292537
3192	9/4/2019 7:39:40		-122.363	37.7159				2032.62072	RS-700	0.470749851
3193	9/4/2019 7:39:41		-122.363	37.7159				2066.2136	RS-700	0.637878607
3194	9/4/2019 7:39:42		-122.363	37.7159				2110.85608	RS-700	0.859980498
3195	9/4/2019 7:39:43		-122.363	37.7159				2017.10998	RS-700	0.39358199
3196	9/4/2019 7:39:44		-122.363	37.7159				2117.97534	RS-700	0.895399701
3197	9/4/2019 7:39:45		-122.363	37.7159				2022.02796	RS-700	0.418049552
3198	9/4/2019 7:39:46		-122.363	37.7159				2070.32159	RS-700	0.658316368
3199	9/4/2019 7:39:47		-122.363	37.7159				2072.73608	RS-700	0.670328756
3200	9/4/2019 7:39:48		-122.363	37.7159				1936.17272	RS-700	-0.009090945
3201	9/4/2019 7:39:49		-122.363	37.7159				1949.788	RS-700	0.058646766
3202	9/4/2019 7:39:50		-122.363	37.7159				2040.52057	RS-700	0.510052587
3203	9/4/2019 7:39:51		-122.363	37.7159				1985.4948	RS-700	0.236292537
3204	9/4/2019 7:39:52		-122.363	37.7159				2062.72533	RS-700	0.62052403
3205	9/4/2019 7:39:53		-122.363	37.7159				2046.35708	RS-700	0.53908995
3206	9/4/2019 7:39:54		-122.363	37.7159				2003.51173	RS-700	0.325929005
3207	9/4/2019 7:39:55		-122.363	37.7159				2027.51926	RS-700	0.445369453
3208	9/4/2019 7:39:56		-122.363	37.7159				2037.923	RS-700	0.497129353
3209	9/4/2019 7:39:57		-122.363	37.7159				1984.91644	RS-700	0.233415124
3210	9/4/2019 7:39:58		-122.363	37.7159				1969.00638	RS-700	0.154260597
3211	9/4/2019 7:39:59		-122.363	37.7159				2036.7265	RS-700	0.491176617
3212	9/4/2019 7:40:00		-122.363	37.7159				2029.8249	RS-700	0.456840299
3213	9/4/2019 7:40:01		-122.363	37.7159				1971.09687	RS-700	0.164661045
3214	9/4/2019 7:40:02		-122.363	37.7159				2009.70754	RS-700	0.35675393
3215	9/4/2019 7:40:03		-122.363	37.7159				1970.79257	RS-700	0.163147114
3216	9/4/2019 7:40:04		-122.363	37.7159				1964.30641	RS-700	0.130877662
3217	9/4/2019 7:40:05		-122.363	37.7159				1946.59429	RS-700	0.042757662
3218	9/4/2019 7:40:06		-122.363	37.7159				1955.87887	RS-700	0.088949602
3219	9/4/2019 7:40:07		-122.363	37.7159				1900.66303	RS-700	-0.18575607
3220	9/4/2019 7:40:08		-122.363	37.7159				2065.52829	RS-700	0.634469104
3221	9/4/2019 7:40:09		-122.363	37.7159				1974.5046	RS-700	0.181614925
3222	9/4/2019 7:40:10		-122.363	37.7159				1934.17208	RS-700	-0.019044378
3223	9/4/2019 7:40:11		-122.363	37.7159				1953.5946	RS-700	0.077585075
3224	9/4/2019 7:40:12		-122.363	37.7159				1925.39619	RS-700	-0.062705522
3225	9/4/2019 7:40:13		-122.363	37.7159				1944.98151	RS-700	0.034733881
3226	9/4/2019 7:40:14		-122.363	37.7159				1855.66992	RS-700	-0.409602388
3227	9/4/2019 7:40:15		-122.363	37.7159				1873.74687	RS-700	-0.319667313
3228	9/4/2019 7:40:16		-122.363	37.7159				1889.67467	RS-700	-0.240424527
3229	9/4/2019 7:40:17		-122.363	37.7159				1888.66865	RS-700	-0.245429602
3230	9/4/2019 7:40:18		-122.363	37.7159				1803.46117	RS-700	-0.669347413
3231	9/4/2019 7:40:19		-122.362	37.7159				1808.55101	RS-700	-0.644024826
3232	9/4/2019 7:40:20		-122.362	37.7159				1815.92259	RS-700	-0.607350299

Gamma Scan Survey Results
Survey Unit 5 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
3233	9/4/2019 7:40:21		-122.362	37.7158				1773.26883	RS-700	-0.81955806
3234	9/4/2019 7:40:22		-122.362	37.7158				1802.28117	RS-700	-0.67521806
3235	9/4/2019 7:40:23		-122.362	37.7158				1750.44554	RS-700	-0.933106766
3236	9/4/2019 7:40:24		-122.362	37.7158				1728.78569	RS-700	-1.040867214
3237	9/4/2019 7:40:25		-122.362	37.7158				1729.04761	RS-700	-1.039564129
3238	9/4/2019 7:40:26		-122.362	37.7158				1713.60854	RS-700	-1.116375423
3239	9/4/2019 7:40:27		-122.362	37.7158				1742.88554	RS-700	-0.970718706
3240	9/4/2019 7:40:28		-122.362	37.7158				1715.35323	RS-700	-1.107695373
3241	9/4/2019 7:40:29		-122.362	37.7158				1741.53366	RS-700	-0.977444478
3242	9/4/2019 7:40:30		-122.362	37.7158				1704.17953	RS-700	-1.16328592
3243	9/4/2019 7:40:31		-122.362	37.7158				1665.59264	RS-700	-1.355260498
3244	9/4/2019 7:40:32		-122.362	37.7158				1763.8134	RS-700	-0.8666
3245	9/4/2019 7:40:33		-122.362	37.7158				1740.79493	RS-700	-0.981119751
3246	9/4/2019 7:40:34		-122.362	37.7158				2014.3202	RS-700	0.379702488
3247	9/4/2019 7:40:35		-122.362	37.7158				1985.60938	RS-700	0.236862587
3248	9/4/2019 7:40:36		-122.362	37.7158				1945.39853	RS-700	0.036808607
3249	9/4/2019 7:40:37		-122.362	37.7158				1956.50673	RS-700	0.092073284
3250	9/4/2019 7:40:38		-122.362	37.7158				1961.78705	RS-700	0.118343532
3251	9/4/2019 7:40:39		-122.362	37.7158				1993.80031	RS-700	0.277613483
3252	9/4/2019 7:40:40		-122.362	37.7158				1988.50859	RS-700	0.251286517
3253	9/4/2019 7:40:41		-122.362	37.7158				2005.71664	RS-700	0.336898706
3254	9/4/2019 7:40:42		-122.362	37.7158				2119.86085	RS-700	0.904780348
3255	9/4/2019 7:40:43		-122.362	37.7158				1992.3042	RS-700	0.270170149
3256	9/4/2019 7:40:44		-122.362	37.7158				2009.82576	RS-700	0.35734209
3257	9/4/2019 7:40:45		-122.362	37.7158				2088.1311	RS-700	0.746920896
3258	9/4/2019 7:40:46		-122.362	37.7158				2040.93894	RS-700	0.51213403
3259	9/4/2019 7:40:47		-122.362	37.7158				2202.77813	RS-700	1.317304129
3260	9/4/2019 7:40:48		-122.362	37.7158				2084.32847	RS-700	0.728002338
3261	9/4/2019 7:40:49		-122.362	37.7158				1999.52739	RS-700	0.306106418
3262	9/4/2019 7:40:50		-122.362	37.7158				2098.85183	RS-700	0.800257861
3263	9/4/2019 7:40:51		-122.362	37.7158				1920.67259	RS-700	-0.08620602
3264	9/4/2019 7:40:52		-122.362	37.7158				1912.14855	RS-700	-0.128614179
3265	9/4/2019 7:40:53		-122.362	37.7158				1927.39502	RS-700	-0.052761095
3266	9/4/2019 7:40:54		-122.362	37.7158				1829.74525	RS-700	-0.538580846
3267	9/4/2019 7:40:55		-122.362	37.7158				1498.38693	RS-700	-2.187129701
3268	9/4/2019 7:40:56		-122.362	37.7158				1542.6293	RS-700	-1.967018408
3269	9/4/2019 7:40:57		-122.362	37.7158				1620.16985	RS-700	-1.581244527
3270	9/4/2019 7:40:58		-122.362	37.7158				1431.43734	RS-700	-2.520212239
3271	9/4/2019 7:40:59		-122.362	37.7158				1608.32974	RS-700	-1.640150547
3272	9/4/2019 7:41:00		-122.362	37.7158				1609.25091	RS-700	-1.635567612
3273	9/4/2019 7:41:01		-122.362	37.7158				1830.0146	RS-700	-0.537240796
3274	9/4/2019 7:41:02		-122.362	37.7158				2054.43448	RS-700	0.57927602
3275	9/4/2019 7:41:03		-122.362	37.7158				1939.06122	RS-700	0.005279701
3276	9/4/2019 7:41:04		-122.362	37.7158				2012.618	RS-700	0.371233831
3277	9/4/2019 7:41:05		-122.362	37.7158				2065.838	RS-700	0.63600995
3278	9/4/2019 7:41:06		-122.362	37.7158				2023.81281	RS-700	0.426929403
3279	9/4/2019 7:41:07		-122.362	37.7158				1917.06354	RS-700	-0.104161493
3280	9/4/2019 7:41:08		-122.362	37.7158				1988.60818	RS-700	0.25178199
3281	9/4/2019 7:41:09		-122.362	37.7158				1967.40815	RS-700	0.146309204
3282	9/4/2019 7:41:10		-122.362	37.7158				1738.52415	RS-700	-0.992417164
3283	9/4/2019 7:41:11		-122.362	37.7158				948.24295	RS-700	-4.924164428
3284	9/4/2019 7:41:12		-122.362	37.7158				792.08319	RS-700	-5.701078657
3285	9/4/2019 7:41:13		-122.362	37.7158				784.045	RS-700	-5.741069652
3286	9/4/2019 7:41:14		-122.362	37.7158				765.22976	RS-700	-5.834677811
3287	9/4/2019 7:41:15		-122.362	37.7158				791.04473	RS-700	-5.706245124
3288	9/4/2019 7:41:16		-122.362	37.7158				832.12963	RS-700	-5.501842637
3289	9/4/2019 7:41:17		-122.362	37.7158				1424.15034	RS-700	-2.55646597
3290	9/4/2019 7:41:18		-122.362	37.7158				1847.56428	RS-700	-0.449928955
3291	9/4/2019 7:41:19		-122.362	37.7158				1497.83287	RS-700	-2.189886219
3292	9/4/2019 7:41:20		-122.362	37.7158				914.04949	RS-700	-5.094281144
3293	9/4/2019 7:41:21		-122.362	37.7158				1017.15674	RS-700	-4.581309751

Gamma Scan Survey Results
Survey Unit 5 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
3294	9/4/2019 7:41:22		-122.362	37.7158				1860.84795	RS-700	-0.383841045
3295	9/4/2019 7:41:23		-122.362	37.7157				1966.60432	RS-700	0.14231005
3296	9/4/2019 7:41:24		-122.362	37.7157				1978.79481	RS-700	0.202959254
3297	9/4/2019 7:41:25		-122.362	37.7157				2027.30967	RS-700	0.444326716
3298	9/4/2019 7:41:26		-122.362	37.7157				1781.8135	RS-700	-0.777047264
3299	9/4/2019 7:41:27		-122.362	37.7157				1360.34499	RS-700	-2.873905522
3300	9/4/2019 7:41:28		-122.362	37.7157				1273.33322	RS-700	-3.306799901
3301	9/4/2019 7:41:29		-122.362	37.7157				1579.40563	RS-700	-1.784051592
3302	9/4/2019 7:41:30		-122.362	37.7157				2002.91439	RS-700	0.322957164
3303	9/4/2019 7:41:31		-122.362	37.7157				2085.32545	RS-700	0.732962438
3304	9/4/2019 7:41:32		-122.362	37.7157				2115.64497	RS-700	0.883805821
3305	9/4/2019 7:41:33		-122.362	37.7157				2006.00329	RS-700	0.338324826
3306	9/4/2019 7:41:34		-122.362	37.7157				2155.75766	RS-700	1.083371443
3307	9/4/2019 7:41:35		-122.362	37.7157				2083.05356	RS-700	0.721659502
3308	9/4/2019 7:41:36		-122.362	37.7157				2148.76892	RS-700	1.048601592
3309	9/4/2019 7:41:37		-122.362	37.7157				2116.64752	RS-700	0.888793632
3310	9/4/2019 7:41:38		-122.362	37.7157				2001.88672	RS-700	0.317844378
3311	9/4/2019 7:41:39		-122.362	37.7157				1924.88424	RS-700	-0.065252537
3312	9/4/2019 7:41:40		-122.362	37.7157				2002.41338	RS-700	0.320464577
3313	9/4/2019 7:41:41		-122.362	37.7157				2084.84037	RS-700	0.730549104
3314	9/4/2019 7:41:42		-122.362	37.7157				1958.69591	RS-700	0.102964726
3315	9/4/2019 7:41:43		-122.362	37.7157				1983.90668	RS-700	0.228391443
3316	9/4/2019 7:41:44		-122.362	37.7157				1992.60987	RS-700	0.271690896
3317	9/4/2019 7:41:45		-122.362	37.7157				2099.75048	RS-700	0.804728756
3318	9/4/2019 7:41:46		-122.362	37.7157				2042.93233	RS-700	0.522051393
3319	9/4/2019 7:41:47		-122.362	37.7157				2093.22686	RS-700	0.772272935
3320	9/4/2019 7:41:48		-122.362	37.7157				2180.55794	RS-700	1.20675592
3321	9/4/2019 7:41:49		-122.362	37.7157				2188.43351	RS-700	1.245937861
3322	9/4/2019 7:41:50		-122.362	37.7157				2231.56978	RS-700	1.460546169
3323	9/4/2019 7:41:51		-122.362	37.7157				2257.13613	RS-700	1.58774194
3324	9/4/2019 7:41:52		-122.362	37.7157				2227.9052	RS-700	1.442314428
3325	9/4/2019 7:41:53		-122.362	37.7157				2392.84752	RS-700	2.262922985
3326	9/4/2019 7:41:54		-122.362	37.7157				2399.61242	RS-700	2.296579204
3327	9/4/2019 7:41:55		-122.362	37.7157				2364.92859	RS-700	2.124022836
3328	9/4/2019 7:41:56		-122.362	37.7157				2415.34799	RS-700	2.374865622
3329	9/4/2019 7:41:57		-122.362	37.7157				2385.97233	RS-700	2.22871806
3330	9/4/2019 7:41:58		-122.362	37.7157				2361.07142	RS-700	2.104832935
3331	9/4/2019 7:41:59		-122.362	37.7157				2347.29133	RS-700	2.036275274
3332	9/4/2019 7:42:00		-122.362	37.7157				2373.0875	RS-700	2.164614428
3333	9/4/2019 7:42:01		-122.362	37.7157				2412.7433	RS-700	2.361906965
3334	9/4/2019 7:42:02		-122.362	37.7157				2359.08327	RS-700	2.094941642
3335	9/4/2019 7:42:03		-122.362	37.7157				2352.84235	RS-700	2.063892289
3336	9/4/2019 7:42:04		-122.362	37.7157				2365.63264	RS-700	2.127525572
3337	9/4/2019 7:42:05		-122.362	37.7157				2355.56779	RS-700	2.077451692
3338	9/4/2019 7:42:06		-122.362	37.7157				2288.93704	RS-700	1.745955423
3339	9/4/2019 7:42:07		-122.362	37.7157				2251.70614	RS-700	1.560727065
3340	9/4/2019 7:42:08		-122.362	37.7157				2217.01122	RS-700	1.388115522
3341	9/4/2019 7:42:09		-122.362	37.7157				2185.7746	RS-700	1.232709453
3342	9/4/2019 7:42:10		-122.362	37.7157				2169.32575	RS-700	1.150874378
3343	9/4/2019 7:42:11		-122.362	37.7157				2155.09453	RS-700	1.080072289
3344	9/4/2019 7:42:12		-122.362	37.7157				2127.85843	RS-700	0.944569303
3345	9/4/2019 7:42:13		-122.362	37.7157				2201.66635	RS-700	1.311772886
3346	9/4/2019 7:42:14		-122.362	37.7157				2200.78472	RS-700	1.307386667
3347	9/4/2019 7:42:15		-122.362	37.7157				2215.67793	RS-700	1.381482239
3348	9/4/2019 7:42:16		-122.362	37.7157				2237.91301	RS-700	1.492104527
3349	9/4/2019 7:42:17		-122.362	37.7156				2325.64286	RS-700	1.928571443
3350	9/4/2019 7:42:18		-122.362	37.7156				2418.96968	RS-700	2.39288398
3351	9/4/2019 7:42:19		-122.362	37.7156				2363.72254	RS-700	2.118022587
3352	9/4/2019 7:42:20		-122.362	37.7156				2427.86673	RS-700	2.43714791
3353	9/4/2019 7:42:21		-122.362	37.7156				2343.83033	RS-700	2.019056368
3354	9/4/2019 7:42:22		-122.362	37.7156				2508.14608	RS-700	2.836547662

Gamma Scan Survey Results
Survey Unit 5 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
3355	9/4/2019 7:42:23		-122.362	37.7156				2516.02728	RS-700	2.875757612
3356	9/4/2019 7:42:24		-122.362	37.7156				2411.2341	RS-700	2.354398507
3357	9/4/2019 7:42:25		-122.362	37.7156				2464.3731	RS-700	2.618771642
3358	9/4/2019 7:42:26		-122.362	37.7156				2378.20138	RS-700	2.190056617
3359	9/4/2019 7:42:27		-122.362	37.7156				2491.63697	RS-700	2.754412786
3360	9/4/2019 7:42:28		-122.362	37.7156				2415.1232	RS-700	2.373747264
3361	9/4/2019 7:42:29		-122.362	37.7156				2393.9712	RS-700	2.268513433
3362	9/4/2019 7:42:30		-122.362	37.7156				2435.11864	RS-700	2.473227065
3363	9/4/2019 7:42:31		-122.362	37.7156				2444.35376	RS-700	2.519172935
3364	9/4/2019 7:42:32		-122.362	37.7156				2495.26943	RS-700	2.772484726
3365	9/4/2019 7:42:33		-122.362	37.7156				2384.85212	RS-700	2.223144876
3366	9/4/2019 7:42:34		-122.362	37.7156				2338.06807	RS-700	1.990388408
3367	9/4/2019 7:42:35		-122.362	37.7156				2404.09095	RS-700	2.318860448
3368	9/4/2019 7:42:36		-122.362	37.7156				2297.17181	RS-700	1.786924428
3369	9/4/2019 7:42:37		-122.362	37.7156				2378.32968	RS-700	2.190694925
3370	9/4/2019 7:42:38		-122.362	37.7156				2284.93072	RS-700	1.726023483
3371	9/4/2019 7:42:39		-122.362	37.7156				2483.6356	RS-700	2.714604975
3372	9/4/2019 7:42:40		-122.362	37.7156				2429.9721	RS-700	2.447622388
3373	9/4/2019 7:42:41		-122.362	37.7156				2477.75729	RS-700	2.685359652
3374	9/4/2019 7:42:42		-122.362	37.7156				2497.89246	RS-700	2.785534627
3375	9/4/2019 7:42:43		-122.362	37.7156				2494.62393	RS-700	2.769273284
3376	9/4/2019 7:42:44		-122.362	37.7156				2460.50724	RS-700	2.599538507
3377	9/4/2019 7:42:45		-122.362	37.7156				2395.98263	RS-700	2.278520547
3378	9/4/2019 7:42:46		-122.362	37.7156				2494.88154	RS-700	2.770554925
3379	9/4/2019 7:42:47		-122.362	37.7156				2370.79063	RS-700	2.153187214
3380	9/4/2019 7:42:48		-122.362	37.7156				2554.78392	RS-700	3.068576716
3381	9/4/2019 7:42:49		-122.362	37.7156				2447.86383	RS-700	2.53663597
3382	9/4/2019 7:42:50		-122.362	37.7156				2458.35189	RS-700	2.588815373
3383	9/4/2019 7:42:51		-122.362	37.7156				2492.88039	RS-700	2.760598955
3384	9/4/2019 7:42:52		-122.362	37.7156				2281.9282	RS-700	1.711085572
3385	9/4/2019 7:42:53		-122.362	37.7156				2335.57819	RS-700	1.978000945
3386	9/4/2019 7:42:54		-122.362	37.7156				2337.06321	RS-700	1.985389104
3387	9/4/2019 7:42:55		-122.362	37.7156				2227.77492	RS-700	1.441666269
3388	9/4/2019 7:42:56		-122.362	37.7156				2213.90156	RS-700	1.372644577
3389	9/4/2019 7:42:57		-122.362	37.7156				2132.22317	RS-700	0.966284428
3390	9/4/2019 7:42:58		-122.362	37.7156				2107.06663	RS-700	0.841127512
3391	9/4/2019 7:42:59		-122.362	37.7156				2062.83578	RS-700	0.621073532
3392	9/4/2019 7:43:00		-122.362	37.7156				2160.08158	RS-700	1.104883483
3393	9/4/2019 7:43:01		-122.362	37.7156				2150.9849	RS-700	1.059626368
3394	9/4/2019 7:43:02		-122.362	37.7156				2104.53806	RS-700	0.828547562
3395	9/4/2019 7:43:03		-122.362	37.7156				2129.7573	RS-700	0.954016418
3396	9/4/2019 7:43:04		-122.362	37.7156				2209.12256	RS-700	1.348868458
3397	9/4/2019 7:43:05		-122.362	37.7156				2274.03577	RS-700	1.671819751
3398	9/4/2019 7:43:06		-122.362	37.7156				2255.36526	RS-700	1.578931642
3399	9/4/2019 7:43:07		-122.362	37.7156				2354.73072	RS-700	2.073287164
3400	9/4/2019 7:43:08		-122.362	37.7156				2464.88055	RS-700	2.621296269
3401	9/4/2019 7:43:09		-122.362	37.7156				2492.5997	RS-700	2.759202488
3402	9/4/2019 7:43:10		-122.362	37.7156				2434.84499	RS-700	2.471865622
3403	9/4/2019 7:43:11		-122.362	37.7156				2546.51462	RS-700	3.02743592
3404	9/4/2019 7:43:12		-122.362	37.7156				2370.59655	RS-700	2.152221642
3405	9/4/2019 7:43:13		-122.362	37.7156				2494.01157	RS-700	2.766226716
3406	9/4/2019 7:43:14		-122.362	37.7156				2359.43911	RS-700	2.09671199
3407	9/4/2019 7:43:15		-122.362	37.7156				2353.60783	RS-700	2.067700647
3408	9/4/2019 7:43:16		-122.362	37.7156				2260.26159	RS-700	1.603291493
3409	9/4/2019 7:43:17		-122.362	37.7156				2305.93672	RS-700	1.830530945
3410	9/4/2019 7:43:18		-122.362	37.7156				2414.23634	RS-700	2.369335025
3411	9/4/2019 7:43:19		-122.362	37.7156				2400.07413	RS-700	2.298876269
3412	9/4/2019 7:43:20		-122.362	37.7156				2432.22499	RS-700	2.458830796
3413	9/4/2019 7:43:21		-122.362	37.7156				2352.95579	RS-700	2.064456667
3414	9/4/2019 7:43:22		-122.362	37.7156				2454.36345	RS-700	2.568972388
3415	9/4/2019 7:43:23		-122.362	37.7156				2399.2622	RS-700	2.294836816

Gamma Scan Survey Results
Survey Unit 5 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
3416	9/4/2019 7:43:24		-122.362	37.7156				2364.68506	RS-700	2.122811244
3417	9/4/2019 7:43:25		-122.362	37.7156				2422.10174	RS-700	2.408466368
3418	9/4/2019 7:43:26		-122.362	37.7156				2263.37263	RS-700	1.618769303
3419	9/4/2019 7:43:27		-122.362	37.7156				2403.36949	RS-700	2.315271095
3420	9/4/2019 7:43:28		-122.362	37.7156				2384.72962	RS-700	2.222535423
3421	9/4/2019 7:43:29		-122.362	37.7156				2312.15803	RS-700	1.861482736
3422	9/4/2019 7:43:30		-122.362	37.7156				2417.10376	RS-700	2.383600796
3423	9/4/2019 7:43:31		-122.362	37.7156				2381.4393	RS-700	2.206165672
3424	9/4/2019 7:43:32		-122.362	37.7156				2208.45465	RS-700	1.345545522
3425	9/4/2019 7:43:33		-122.362	37.7156				2190.67761	RS-700	1.257102537
3426	9/4/2019 7:43:34		-122.362	37.7156				2247.14247	RS-700	1.538022239
3427	9/4/2019 7:43:35		-122.362	37.7156				2165.2163	RS-700	1.130429353
3428	9/4/2019 7:43:36		-122.362	37.7156				2142.88044	RS-700	1.019305672
3429	9/4/2019 7:43:37		-122.362	37.7156				2097.85435	RS-700	0.795295274
3430	9/4/2019 7:43:38		-122.362	37.7156				2200.32979	RS-700	1.305123333
3431	9/4/2019 7:43:39		-122.362	37.7156				2269.4667	RS-700	1.64908806
3432	9/4/2019 7:43:40		-122.362	37.7156				2312.05251	RS-700	1.860957761
3433	9/4/2019 7:43:41		-122.362	37.7156				2283.27018	RS-700	1.71776209
3434	9/4/2019 7:43:42		-122.362	37.7156				2150.76705	RS-700	1.058542537
3435	9/4/2019 7:43:43		-122.362	37.7156				2158.76893	RS-700	1.098352886
3436	9/4/2019 7:43:44		-122.362	37.7156				2134.54493	RS-700	0.977835473
3437	9/4/2019 7:43:45		-122.362	37.7156				2081.63706	RS-700	0.714612239
3438	9/4/2019 7:43:46		-122.362	37.7156				2070.9445	RS-700	0.661415423
3439	9/4/2019 7:43:47		-122.362	37.7156				2080.84566	RS-700	0.710674925
3440	9/4/2019 7:43:48		-122.362	37.7156				1994.00115	RS-700	0.278612687
3441	9/4/2019 7:43:49		-122.362	37.7156				1931.95613	RS-700	-0.030069005
3442	9/4/2019 7:43:50		-122.362	37.7156				2020.91894	RS-700	0.41253204
3443	9/4/2019 7:43:51		-122.362	37.7156				1838.57732	RS-700	-0.494640199
3444	9/4/2019 7:43:52		-122.362	37.7156				1834.38802	RS-700	-0.515482488
3445	9/4/2019 7:43:53		-122.362	37.7156				1993.00706	RS-700	0.273666965
3446	9/4/2019 7:43:54		-122.362	37.7156				1882.14119	RS-700	-0.277904527
3447	9/4/2019 7:43:55		-122.362	37.7156				1918.77417	RS-700	-0.095650896
3448	9/4/2019 7:43:56		-122.362	37.7156				1796.81824	RS-700	-0.702396816
3449	9/4/2019 7:43:57		-122.362	37.7156				1773.27746	RS-700	-0.819515124
3450	9/4/2019 7:43:58		-122.362	37.7156				1735.61429	RS-700	-1.00689408
3451	9/4/2019 7:43:59		-122.362	37.7156				1720.69888	RS-700	-1.0811001
3452	9/4/2019 7:44:00		-122.362	37.7156				1766.56492	RS-700	-0.852910846
3453	9/4/2019 7:44:01		-122.362	37.7156				1761.35874	RS-700	-0.878812239
3454	9/4/2019 7:44:02		-122.362	37.7156				1833.64647	RS-700	-0.519171791
3455	9/4/2019 7:44:03		-122.362	37.7156				1863.01303	RS-700	-0.373069502
3456	9/4/2019 7:44:04		-122.362	37.7156				1941.40512	RS-700	0.016940896
3457	9/4/2019 7:44:05		-122.362	37.7156				1958.79401	RS-700	0.103452786
3458	9/4/2019 7:44:06		-122.362	37.7156				1919.49106	RS-700	-0.092084279
3459	9/4/2019 7:44:07		-122.362	37.7156				1916.25515	RS-700	-0.108183333
3460	9/4/2019 7:44:08		-122.362	37.7155				1961.08852	RS-700	0.114868259
3461	9/4/2019 7:44:09		-122.362	37.7155				1921.39187	RS-700	-0.082627512
3462	9/4/2019 7:44:10		-122.362	37.7155				1872.85653	RS-700	-0.324096866
3463	9/4/2019 7:44:11		-122.362	37.7155				1912.24961	RS-700	-0.128111393
3464	9/4/2019 7:44:12		-122.362	37.7155				1559.40048	RS-700	-1.883579701
3465	9/4/2019 7:44:13		-122.362	37.7155				1769.80877	RS-700	-0.836772289
3466	9/4/2019 7:44:14		-122.362	37.7155				1857.37731	RS-700	-0.40110791
3467	9/4/2019 7:44:15		-122.362	37.7155				1956.88901	RS-700	0.093975174
3468	9/4/2019 7:44:16		-122.362	37.7155				1860.65742	RS-700	-0.384788955
3469	9/4/2019 7:44:17		-122.362	37.7155				1883.57633	RS-700	-0.270764527
3470	9/4/2019 7:44:18		-122.362	37.7155				1879.02631	RS-700	-0.293401443
3471	9/4/2019 7:44:19		-122.362	37.7155				1941.40023	RS-700	0.016916567
3472	9/4/2019 7:44:20		-122.362	37.7155				1895.24007	RS-700	-0.21273597
3473	9/4/2019 7:44:21		-122.362	37.7155				1981.70643	RS-700	0.217444925
3474	9/4/2019 7:44:22		-122.362	37.7155				2014.61586	RS-700	0.381173433
3475	9/4/2019 7:44:23		-122.362	37.7155				1886.57298	RS-700	-0.255855821
3476	9/4/2019 7:44:24		-122.362	37.7155				2077.27001	RS-700	0.692885622

Gamma Scan Survey Results
Survey Unit 5 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
3477	9/4/2019 7:44:25		-122.362	37.7155				1977.00758	RS-700	0.194067562
3478	9/4/2019 7:44:26		-122.362	37.7155				2012.31686	RS-700	0.369735622
3479	9/4/2019 7:44:27		-122.362	37.7155				1940.78756	RS-700	0.013868458
3480	9/4/2019 7:44:28		-122.362	37.7155				1987.00395	RS-700	0.243800746
3481	9/4/2019 7:44:29		-122.362	37.7155				1960.18553	RS-700	0.110375771
3482	9/4/2019 7:44:30		-122.362	37.7155				1968.78615	RS-700	0.153164925
3483	9/4/2019 7:44:31		-122.362	37.7155				1926.784	RS-700	-0.055800995
3484	9/4/2019 7:44:32		-122.362	37.7155				1935.28665	RS-700	-0.013499254
3485	9/4/2019 7:44:33		-122.362	37.7155				1977.70562	RS-700	0.197540398
3486	9/4/2019 7:44:34		-122.362	37.7155				1873.75599	RS-700	-0.31962194
3487	9/4/2019 7:44:35		-122.362	37.7155				1899.20041	RS-700	-0.193032786
3488	9/4/2019 7:44:36		-122.362	37.7155				1938.40079	RS-700	0.00199398
3489	9/4/2019 7:44:37		-122.362	37.7155				1913.5854	RS-700	-0.121465672
3490	9/4/2019 7:44:38		-122.362	37.7155				1962.89725	RS-700	0.123866915
3491	9/4/2019 7:44:39		-122.362	37.7155				1872.41509	RS-700	-0.326293085
3492	9/4/2019 7:44:40		-122.362	37.7155				1808.55755	RS-700	-0.643992289
3493	9/4/2019 7:44:41		-122.362	37.7155				1449.4427	RS-700	-2.430633333
3494	9/4/2019 7:44:42		-122.362	37.7155				895.27345	RS-700	-5.187694279
3495	9/4/2019 7:44:43		-122.362	37.7155				713.00319	RS-700	-6.094511493
3496	9/4/2019 7:44:44		-122.362	37.7155				720.11348	RS-700	-6.059136915
3497	9/4/2019 7:44:45		-122.362	37.7155				748.07762	RS-700	-5.920011841
3498	9/4/2019 7:44:46		-122.362	37.7155				805.2863	RS-700	-5.635391542
3499	9/4/2019 7:44:47		-122.362	37.7155				748.11722	RS-700	-5.919814826
3500	9/4/2019 7:44:48		-122.362	37.7155				950.19562	RS-700	-4.914449652
3501	9/4/2019 7:44:49		-122.362	37.7155				1493.38139	RS-700	-2.212032886
3502	9/4/2019 7:44:50		-122.362	37.7155				1756.53816	RS-700	-0.902795224
3503	9/4/2019 7:44:51		-122.362	37.7155				1541.38158	RS-700	-1.97322597
3504	9/4/2019 7:44:52		-122.362	37.7155				1744.45497	RS-700	-0.962910597
3505	9/4/2019 7:44:53		-122.362	37.7155				1643.27303	RS-700	-1.466303333
3506	9/4/2019 7:44:54		-122.362	37.7155				1599.32967	RS-700	-1.684927015
3507	9/4/2019 7:44:55		-122.362	37.7155				1802.64855	RS-700	-0.673390299
3508	9/4/2019 7:44:56		-122.362	37.7155				1817.7452	RS-700	-0.598282587
3509	9/4/2019 7:44:57		-122.362	37.7155				1767.4621	RS-700	-0.848447264
3510	9/4/2019 7:44:58		-122.362	37.7155				1378.45021	RS-700	-2.783829801
3511	9/4/2019 7:44:59		-122.362	37.7154				1128.09553	RS-700	-4.029375473
3512	9/4/2019 7:45:00		-122.362	37.7154				1188.34023	RS-700	-3.729650597
3513	9/4/2019 7:45:01		-122.362	37.7154				1781.27628	RS-700	-0.77972
3514	9/4/2019 7:45:02		-122.362	37.7154				1845.56576	RS-700	-0.459871841
3515	9/4/2019 7:45:03		-122.362	37.7154				1890.48597	RS-700	-0.236388209
3516	9/4/2019 7:45:04		-122.362	37.7154				1903.68098	RS-700	-0.170741393
3517	9/4/2019 7:45:05		-122.362	37.7154				1945.60804	RS-700	0.037850945
3518	9/4/2019 7:45:06		-122.362	37.7154				1913.77674	RS-700	-0.120513731
3519	9/4/2019 7:45:07		-122.362	37.7154				1900.79247	RS-700	-0.18511209
3520	9/4/2019 7:45:08		-122.362	37.7154				1961.59601	RS-700	0.117393085
3521	9/4/2019 7:45:09		-122.362	37.7154				1999.51048	RS-700	0.306022289
3522	9/4/2019 7:45:10		-122.362	37.7154				2047.9313	RS-700	0.546921891
3523	9/4/2019 7:45:11		-122.362	37.7154				2026.02754	RS-700	0.43794796
3524	9/4/2019 7:45:12		-122.362	37.7154				2007.40296	RS-700	0.345288358
3525	9/4/2019 7:45:13		-122.362	37.7154				1977.80229	RS-700	0.198021343
3526	9/4/2019 7:45:14		-122.362	37.7154				1880.19706	RS-700	-0.287576816
3527	9/4/2019 7:45:15		-122.362	37.7154				1918.39352	RS-700	-0.097544677
3528	9/4/2019 7:45:16		-122.362	37.7154				2009.5129	RS-700	0.355785572
3529	9/4/2019 7:45:17		-122.362	37.7154				1864.03761	RS-700	-0.36797209
3530	9/4/2019 7:45:18		-122.362	37.7154				1926.42097	RS-700	-0.057607114
3531	9/4/2019 7:45:19		-122.362	37.7154				1946.59408	RS-700	0.042756617
3532	9/4/2019 7:45:20		-122.362	37.7154				1961.80619	RS-700	0.118438756
3533	9/4/2019 7:45:21		-122.362	37.7154				1944.98474	RS-700	0.03474995
3534	9/4/2019 7:45:22		-122.362	37.7154				1923.08542	RS-700	-0.074201891
3535	9/4/2019 7:45:23		-122.362	37.7154				1855.84463	RS-700	-0.408733184
3536	9/4/2019 7:45:24		-122.362	37.7154				1917.59559	RS-700	-0.101514478
3537	9/4/2019 7:45:25		-122.362	37.7154				1838.20135	RS-700	-0.496510697

Gamma Scan Survey Results
Survey Unit 5 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
3538	9/4/2019 7:45:26		-122.362	37.7154				1911.39312	RS-700	-0.132372537
3539	9/4/2019 7:45:27		-122.362	37.7154				1961.51958	RS-700	0.117012836
3540	9/4/2019 7:45:28		-122.362	37.7154				1966.40438	RS-700	0.141315323
3541	9/4/2019 7:45:29		-122.362	37.7154				1886.67072	RS-700	-0.255369552
3542	9/4/2019 7:45:30		-122.362	37.7154				1972.81467	RS-700	0.173207313
3543	9/4/2019 7:45:31		-122.362	37.7154				1833.92748	RS-700	-0.517773731
3544	9/4/2019 7:45:32		-122.362	37.7154				1890.76339	RS-700	-0.23500801
3545	9/4/2019 7:45:33		-122.362	37.7154				1833.46885	RS-700	-0.520055473
3546	9/4/2019 7:45:34		-122.362	37.7154				1891.68031	RS-700	-0.230446219
3547	9/4/2019 7:45:35		-122.362	37.7154				1872.67941	RS-700	-0.32497806
3548	9/4/2019 7:45:36		-122.362	37.7153				2066.26268	RS-700	0.638122786
3549	9/4/2019 7:45:37		-122.362	37.7153				1943.49813	RS-700	0.027353881
3550	9/4/2019 7:45:38		-122.362	37.7153				1943.69163	RS-700	0.028316567
3551	9/4/2019 7:45:39		-122.362	37.7153				1892.38668	RS-700	-0.22693194
3552	9/4/2019 7:45:40		-122.362	37.7153				1942.70345	RS-700	0.023400249
3553	9/4/2019 7:45:41		-122.362	37.7153				1954.59855	RS-700	0.082579851
3554	9/4/2019 7:45:42		-122.362	37.7153				1954.88807	RS-700	0.084020249
3555	9/4/2019 7:45:43		-122.362	37.7153				1958.7992	RS-700	0.103478607
3556	9/4/2019 7:45:44		-122.362	37.7153				1974.69992	RS-700	0.182586667
3557	9/4/2019 7:45:45		-122.362	37.7153				1815.18909	RS-700	-0.610999552
3558	9/4/2019 7:45:46		-122.362	37.7153				1844.84014	RS-700	-0.463481891
3559	9/4/2019 7:45:47		-122.362	37.7153				1927.96828	RS-700	-0.049909055
3560	9/4/2019 7:45:48		-122.362	37.7153				1836.6657	RS-700	-0.504150746
3561	9/4/2019 7:45:49		-122.362	37.7153				1819.28121	RS-700	-0.590640746
3562	9/4/2019 7:45:50		-122.362	37.7153				1906.25446	RS-700	-0.15793801
3563	9/4/2019 7:45:51		-122.362	37.7153				1822.7458	RS-700	-0.57340398
3564	9/4/2019 7:45:52		-122.362	37.7153				1910.49191	RS-700	-0.136856169
3565	9/4/2019 7:45:53		-122.362	37.7153				1877.76756	RS-700	-0.299663881
3566	9/4/2019 7:45:54		-122.362	37.7153				1946.87989	RS-700	0.044178557
3567	9/4/2019 7:45:55		-122.362	37.7153				1798.91161	RS-700	-0.69198204
3568	9/4/2019 7:45:56		-122.362	37.7153				1871.85586	RS-700	-0.329075323
3569	9/4/2019 7:45:57		-122.362	37.7153				1782.63411	RS-700	-0.772964627
3570	9/4/2019 7:45:58		-122.362	37.7153				1838.8389	RS-700	-0.493338806
3571	9/4/2019 7:45:59		-122.362	37.7153				1813.55496	RS-700	-0.619129552
3572	9/4/2019 7:46:00		-122.362	37.7153				1888.67297	RS-700	-0.245408109
3573	9/4/2019 7:46:01		-122.362	37.7153				1808.55813	RS-700	-0.643989403
3574	9/4/2019 7:46:02		-122.362	37.7153				1847.56606	RS-700	-0.4499201
3575	9/4/2019 7:46:03		-122.362	37.7153				1718.61446	RS-700	-1.091470348
3576	9/4/2019 7:46:04		-122.362	37.7153				1847.93163	RS-700	-0.448101343
3577	9/4/2019 7:46:05		-122.362	37.7153				1805.55264	RS-700	-0.65894209
3578	9/4/2019 7:46:06		-122.362	37.7153				1853.03031	RS-700	-0.422734776
3579	9/4/2019 7:46:07		-122.362	37.7153				1809.99896	RS-700	-0.636821095
3580	9/4/2019 7:46:08		-122.362	37.7153				1835.29647	RS-700	-0.510962836
3581	9/4/2019 7:46:09		-122.362	37.7153				1839.65178	RS-700	-0.489294627
3582	9/4/2019 7:46:10		-122.362	37.7153				1865.66758	RS-700	-0.359862786
3583	9/4/2019 7:46:11		-122.362	37.7153				1825.36679	RS-700	-0.560364229
3584	9/4/2019 7:46:12		-122.361	37.7153				1916.68591	RS-700	-0.106040249
3585	9/4/2019 7:46:13		-122.361	37.7153				1850.47427	RS-700	-0.435451393
3586	9/4/2019 7:46:14		-122.361	37.7153				1860.75644	RS-700	-0.384296318
3587	9/4/2019 7:46:15		-122.361	37.7153				1901.33916	RS-700	-0.182392239
3588	9/4/2019 7:46:16		-122.361	37.7153				1786.81699	RS-700	-0.752154279
3589	9/4/2019 7:46:17		-122.361	37.7153				1814.27746	RS-700	-0.615535025
3590	9/4/2019 7:46:18		-122.361	37.7152				1834.56146	RS-700	-0.514619602
3591	9/4/2019 7:46:19		-122.361	37.7152				1782.36679	RS-700	-0.774294577
3592	9/4/2019 7:46:20		-122.361	37.7152				1805.45918	RS-700	-0.659407065
3593	9/4/2019 7:46:21		-122.361	37.7152				1755.79385	RS-700	-0.906498259
3594	9/4/2019 7:46:22		-122.361	37.7152				1772.36433	RS-700	-0.82405806
3595	9/4/2019 7:46:23		-122.361	37.7152				1873.66844	RS-700	-0.320057512
3596	9/4/2019 7:46:24		-122.361	37.7152				1776.27461	RS-700	-0.80460393
3597	9/4/2019 7:46:25		-122.361	37.7152				1832.65166	RS-700	-0.524121095
3598	9/4/2019 7:46:26		-122.361	37.7152				1884.95442	RS-700	-0.263908358

Gamma Scan Survey Results
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SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
3599	9/4/2019 7:46:27		-122.361	37.7152				1820.7376	RS-700	-0.583395025
3600	9/4/2019 7:46:28		-122.361	37.7152				1796.37665	RS-700	-0.704593781
3601	9/4/2019 7:46:29		-122.361	37.7152				1828.64892	RS-700	-0.544035224
3602	9/4/2019 7:46:30		-122.361	37.7152				1726.52813	RS-700	-1.052098856
3603	9/4/2019 7:46:31		-122.361	37.7152				1834.2038	RS-700	-0.516399005
3604	9/4/2019 7:46:32		-122.361	37.7152				1805.73367	RS-700	-0.658041443
3605	9/4/2019 7:46:33		-122.361	37.7152				1788.73592	RS-700	-0.742607363
3606	9/4/2019 7:46:34		-122.361	37.7152				1790.90491	RS-700	-0.731816368
3607	9/4/2019 7:46:35		-122.361	37.7152				1758.27663	RS-700	-0.894146119
3608	9/4/2019 7:46:36		-122.361	37.7152				1780.89899	RS-700	-0.781597065
3609	9/4/2019 7:46:37		-122.361	37.7152				1829.39724	RS-700	-0.540312239
3610	9/4/2019 7:46:38		-122.361	37.7152				1772.91044	RS-700	-0.821341095
3611	9/4/2019 7:46:39		-122.361	37.7152				1862.47326	RS-700	-0.375754925
3612	9/4/2019 7:46:40		-122.361	37.7152				1863.66537	RS-700	-0.36982403
3613	9/4/2019 7:46:41		-122.361	37.7152				1859.47349	RS-700	-0.390679154
3614	9/4/2019 7:46:42		-122.361	37.7152				1898.57101	RS-700	-0.196164129
3615	9/4/2019 7:46:43		-122.361	37.7152				1857.6669	RS-700	-0.399667164
3616	9/4/2019 7:46:44		-122.361	37.7152				1860.85124	RS-700	-0.383824677
3617	9/4/2019 7:46:45		-122.361	37.7152				1678.51518	RS-700	-1.290969254
3618	9/4/2019 7:46:46		-122.361	37.7152				1121.28529	RS-700	-4.063257264
3619	9/4/2019 7:46:47		-122.361	37.7152				722.15067	RS-700	-6.049001642
3620	9/4/2019 7:46:48		-122.361	37.7152				744.07807	RS-700	-5.9399101
3621	9/4/2019 7:46:49		-122.361	37.7152				1021.05818	RS-700	-4.561899602
3622	9/4/2019 7:46:50		-122.361	37.7152				1693.43148	RS-700	-1.216758806
3623	9/4/2019 7:46:51		-122.361	37.7152				1760.97709	RS-700	-0.880710995
3624	9/4/2019 7:46:52		-122.361	37.7152				1831.74899	RS-700	-0.52861199
3625	9/4/2019 7:46:53		-122.361	37.7152				1796.54928	RS-700	-0.703734925
3626	9/4/2019 7:46:54		-122.361	37.7152				1527.54958	RS-700	-2.042041891
3627	9/4/2019 7:46:55		-122.361	37.7152				1177.34151	RS-700	-3.784370597
3628	9/4/2019 7:46:56		-122.361	37.7152				1088.07033	RS-700	-4.228505821
3629	9/4/2019 7:46:57		-122.361	37.7152				1240.36494	RS-700	-3.470821194
3630	9/4/2019 7:46:58		-122.361	37.7152				1739.44409	RS-700	-0.987840348
3631	9/4/2019 7:46:59		-122.361	37.7152				1749.09677	RS-700	-0.939817065
3632	9/4/2019 7:47:00		-122.361	37.7151				1741.09798	RS-700	-0.97961204
3633	9/4/2019 7:47:01		-122.361	37.7151				1742.35457	RS-700	-0.973360348
3634	9/4/2019 7:47:02		-122.361	37.7151				1783.45775	RS-700	-0.768866915
3635	9/4/2019 7:47:03		-122.361	37.7151				1819.7397	RS-700	-0.588359701
3636	9/4/2019 7:47:04		-122.361	37.7151				1774.45787	RS-700	-0.813642438
3637	9/4/2019 7:47:05		-122.361	37.7151				1909.39304	RS-700	-0.142323184
3638	9/4/2019 7:47:06		-122.361	37.7151				2056.94531	RS-700	0.591767711
3639	9/4/2019 7:47:07		-122.361	37.7151				1929.58974	RS-700	-0.04184209
3640	9/4/2019 7:47:08		-122.361	37.7151				2012.82123	RS-700	0.372244925
3641	9/4/2019 7:47:09		-122.361	37.7151				1987.50644	RS-700	0.246300697
3642	9/4/2019 7:47:10		-122.361	37.7151				2074.63762	RS-700	0.679789154
3643	9/4/2019 7:47:11		-122.361	37.7151				1940.59363	RS-700	0.012903632
3644	9/4/2019 7:47:12		-122.361	37.7151				2075.73927	RS-700	0.68527
3645	9/4/2019 7:47:13		-122.361	37.7151				1980.70087	RS-700	0.212442139
3646	9/4/2019 7:47:14		-122.361	37.7151				1939.39831	RS-700	0.006956766
3647	9/4/2019 7:47:15		-122.361	37.7151				2020.8204	RS-700	0.412041791
3648	9/4/2019 7:47:16		-122.361	37.7151				1961.79548	RS-700	0.118385473
3649	9/4/2019 7:47:17		-122.361	37.7151				1952.08752	RS-700	0.070087164
3650	9/4/2019 7:47:18		-122.361	37.7151				1995.30888	RS-700	0.285118806
3651	9/4/2019 7:47:19		-122.361	37.7151				1959.89563	RS-700	0.108933483
3652	9/4/2019 7:47:20		-122.361	37.7151				1876.95069	RS-700	-0.30372791
3653	9/4/2019 7:47:21		-122.361	37.7151				1854.0312	RS-700	-0.417755224
3654	9/4/2019 7:47:22		-122.361	37.7151				1930.88465	RS-700	-0.035399751
3655	9/4/2019 7:47:23		-122.361	37.7151				1834.92346	RS-700	-0.512818607
3656	9/4/2019 7:47:24		-122.361	37.7151				1854.65701	RS-700	-0.414641741
3657	9/4/2019 7:47:25		-122.361	37.7151				1914.06193	RS-700	-0.119094876
3658	9/4/2019 7:47:26		-122.361	37.7151				1859.75494	RS-700	-0.389278905
3659	9/4/2019 7:47:27		-122.361	37.7151				1930.68238	RS-700	-0.03640607

Gamma Scan Survey Results
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SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
3660	9/4/2019 7:47:28		-122.361	37.7151				1833.56041	RS-700	-0.51959995
3661	9/4/2019 7:47:29		-122.361	37.7151				1849.74813	RS-700	-0.43906403
3662	9/4/2019 7:47:30		-122.361	37.7151				1974.50649	RS-700	0.181624328
3663	9/4/2019 7:47:31		-122.361	37.7151				1913.6894	RS-700	-0.120948259
3664	9/4/2019 7:47:32		-122.361	37.7151				1885.29671	RS-700	-0.262205423
3665	9/4/2019 7:47:33		-122.361	37.7151				1920.79063	RS-700	-0.085618756
3666	9/4/2019 7:47:34		-122.361	37.7151				1881.58206	RS-700	-0.280686269
3667	9/4/2019 7:47:35		-122.361	37.7151				1862.31827	RS-700	-0.37652602
3668	9/4/2019 7:47:36		-122.361	37.7151				1866.66909	RS-700	-0.354880149
3669	9/4/2019 7:47:37		-122.361	37.7151				1823.56062	RS-700	-0.569350149
3670	9/4/2019 7:47:38		-122.361	37.7151				1881.38855	RS-700	-0.281649005
3671	9/4/2019 7:47:39		-122.361	37.7151				1833.28809	RS-700	-0.520954776
3672	9/4/2019 7:47:40		-122.361	37.7151				1899.48703	RS-700	-0.191606816
3673	9/4/2019 7:47:41		-122.361	37.7151				1832.37587	RS-700	-0.525493184
3674	9/4/2019 7:47:42		-122.361	37.715				1919.67667	RS-700	-0.091160846
3675	9/4/2019 7:47:43		-122.361	37.715				1841.65755	RS-700	-0.479315672
3676	9/4/2019 7:47:44		-122.361	37.715				1881.87314	RS-700	-0.279238109
3677	9/4/2019 7:47:45		-122.361	37.715				1859.66298	RS-700	-0.389736418
3678	9/4/2019 7:47:46		-122.361	37.715				1802.46279	RS-700	-0.674314478
3679	9/4/2019 7:47:47		-122.361	37.715				1934.17188	RS-700	-0.019045373
3680	9/4/2019 7:47:48		-122.361	37.715				1886.66869	RS-700	-0.255379652
3681	9/4/2019 7:47:49		-122.361	37.715				1801.89761	RS-700	-0.677126318
3682	9/4/2019 7:47:50		-122.361	37.715				1897.86766	RS-700	-0.199663383
3683	9/4/2019 7:47:51		-122.361	37.715				1891.48261	RS-700	-0.231429801
3684	9/4/2019 7:47:52		-122.361	37.715				1989.20866	RS-700	0.254769453
3685	9/4/2019 7:47:53		-122.361	37.715				2022.83476	RS-700	0.422063483
3686	9/4/2019 7:47:54		-122.361	37.715				1986.70879	RS-700	0.242332289
3687	9/4/2019 7:47:55		-122.361	37.715				1997.72666	RS-700	0.297147562
3688	9/4/2019 7:47:56		-122.361	37.715				1962.99874	RS-700	0.124371841
3689	9/4/2019 7:47:57		-122.361	37.715				2008.61216	RS-700	0.351304279
3690	9/4/2019 7:47:58		-122.361	37.715				2000.8326	RS-700	0.3126
3691	9/4/2019 7:47:59		-122.361	37.715				1942.49392	RS-700	0.022357811
3692	9/4/2019 7:48:00		-122.361	37.715				1895.67124	RS-700	-0.210590846
3693	9/4/2019 7:48:01		-122.361	37.715				1871.22902	RS-700	-0.33219393
3694	9/4/2019 7:48:02		-122.361	37.715				1898.94247	RS-700	-0.19431607
3695	9/4/2019 7:48:03		-122.361	37.715				1859.65672	RS-700	-0.389767562
3696	9/4/2019 7:48:04		-122.361	37.715				1826.46364	RS-700	-0.554907264
3697	9/4/2019 7:48:05		-122.361	37.715				1829.28394	RS-700	-0.54087592
3698	9/4/2019 7:48:06		-122.361	37.715				1923.26746	RS-700	-0.073296219
3699	9/4/2019 7:48:07		-122.361	37.715				1828.18647	RS-700	-0.54633597
3700	9/4/2019 7:48:08		-122.361	37.715				1857.94097	RS-700	-0.398303632
3701	9/4/2019 7:48:09		-122.361	37.715				1851.03798	RS-700	-0.432646866
3702	9/4/2019 7:48:10		-122.361	37.715				1902.68223	RS-700	-0.175710299
3703	9/4/2019 7:48:11		-122.361	37.715				1907.20564	RS-700	-0.153205771
3704	9/4/2019 7:48:12		-122.361	37.715				1877.95006	RS-700	-0.29875592
3705	9/4/2019 7:48:13		-122.361	37.715				1600.73046	RS-700	-1.67795791
3706	9/4/2019 7:48:14		-122.361	37.715				1162.1305	RS-700	-3.860047264
3707	9/4/2019 7:48:15		-122.361	37.715				1125.28988	RS-700	-4.04333393
3708	9/4/2019 7:48:16		-122.361	37.715				1419.51457	RS-700	-2.579529502
3709	9/4/2019 7:48:17		-122.361	37.715				1787.62881	RS-700	-0.748115373
3710	9/4/2019 7:48:18		-122.361	37.715				1995.91545	RS-700	0.288136567
3711	9/4/2019 7:48:19		-122.361	37.715				1926.68748	RS-700	-0.056281194
3712	9/4/2019 7:48:20		-122.361	37.715				2016.63329	RS-700	0.391210398
3713	9/4/2019 7:48:21		-122.361	37.7149				1877.66831	RS-700	-0.300157662
3714	9/4/2019 7:48:22		-122.361	37.7149				1881.48014	RS-700	-0.281193333
3715	9/4/2019 7:48:23		-122.361	37.7149				1883.14096	RS-700	-0.272930547
3716	9/4/2019 7:48:24		-122.361	37.7149				1830.09644	RS-700	-0.536833632
3717	9/4/2019 7:48:25		-122.361	37.7149				1839.65338	RS-700	-0.489286667
3718	9/4/2019 7:48:26		-122.361	37.7149				1899.57122	RS-700	-0.19118796
3719	9/4/2019 7:48:27		-122.361	37.7149				1843.47156	RS-700	-0.470290746
3720	9/4/2019 7:48:28		-122.361	37.7149				1862.28824	RS-700	-0.376675423

Gamma Scan Survey Results
Survey Unit 5 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
3721	9/4/2019 7:48:29		-122.361	37.7149				1804.543	RS-700	-0.663965174
3722	9/4/2019 7:48:30		-122.361	37.7149				1883.39391	RS-700	-0.27167209
3723	9/4/2019 7:48:31		-122.361	37.7149				1798.09616	RS-700	-0.696039005
3724	9/4/2019 7:48:32		-122.361	37.7149				1902.39152	RS-700	-0.177156617
3725	9/4/2019 7:48:33		-122.361	37.7149				1871.66528	RS-700	-0.330023483
3726	9/4/2019 7:48:34		-122.361	37.7149				1839.5621	RS-700	-0.489740796
3727	9/4/2019 7:48:35		-122.361	37.7149				1826.558	RS-700	-0.554437811
3728	9/4/2019 7:48:36		-122.361	37.7149				1846.84302	RS-700	-0.453517313
3729	9/4/2019 7:48:37		-122.361	37.7149				1901.39008	RS-700	-0.182138905
3730	9/4/2019 7:48:38		-122.361	37.7149				1927.5965	RS-700	-0.051758706
3731	9/4/2019 7:48:39		-122.361	37.7149				1932.68518	RS-700	-0.026441891
3732	9/4/2019 7:48:40		-122.361	37.7149				1926.78568	RS-700	-0.055792637
3733	9/4/2019 7:48:41		-122.361	37.7149				1852.28729	RS-700	-0.426431393
3734	9/4/2019 7:48:42		-122.361	37.7149				1885.2966	RS-700	-0.26220597
3735	9/4/2019 7:48:43		-122.361	37.7149				1782.7227	RS-700	-0.772523881
3736	9/4/2019 7:48:44		-122.361	37.7149				1047.26954	RS-700	-4.431494826
3737	9/4/2019 7:48:45		-122.361	37.7149				733.18467	RS-700	-5.994106119
3738	9/4/2019 7:48:46		-122.361	37.7149				675.03647	RS-700	-6.283400647
3739	9/4/2019 7:48:47		-122.361	37.7149				867.26465	RS-700	-5.327041542
3740	9/4/2019 7:48:48		-122.361	37.7149				1512.38918	RS-700	-2.117466766
3741	9/4/2019 7:48:49		-122.361	37.7149				1777.07684	RS-700	-0.800612736
3742	9/4/2019 7:48:50		-122.361	37.7149				1812.82713	RS-700	-0.622750597
3743	9/4/2019 7:48:51		-122.361	37.7149				1777.72065	RS-700	-0.797409701
3744	9/4/2019 7:48:52		-122.361	37.7149				1405.14567	RS-700	-2.651016567
3745	9/4/2019 7:48:53		-122.361	37.7149				1029.1083	RS-700	-4.521849254
3746	9/4/2019 7:48:54		-122.361	37.7149				942.00566	RS-700	-4.955195721
3747	9/4/2019 7:48:55		-122.361	37.7149				1457.37088	RS-700	-2.391189652
3748	9/4/2019 7:48:56		-122.361	37.7149				1860.3827	RS-700	-0.386155721
3749	9/4/2019 7:48:57		-122.361	37.7149				1960.89547	RS-700	0.113907811
3750	9/4/2019 7:48:58		-122.361	37.7149				1976.12202	RS-700	0.189661791
3751	9/4/2019 7:48:59		-122.361	37.7149				1913.155	RS-700	-0.123606965
3752	9/4/2019 7:49:00		-122.361	37.7149				1970.80311	RS-700	0.163199552
3753	9/4/2019 7:49:01		-122.361	37.7148				1831.28777	RS-700	-0.530906617
3754	9/4/2019 7:49:02		-122.361	37.7148				1937.58833	RS-700	-0.002048109
3755	9/4/2019 7:49:03		-122.361	37.7148				2014.91701	RS-700	0.382671692
3756	9/4/2019 7:49:04		-122.361	37.7148				1972.89769	RS-700	0.173620348
3757	9/4/2019 7:49:05		-122.361	37.7148				1939.59682	RS-700	0.007944378
3758	9/4/2019 7:49:06		-122.361	37.7148				1976.00039	RS-700	0.189056667
3759	9/4/2019 7:49:07		-122.361	37.7148				1964.89599	RS-700	0.133810896
3760	9/4/2019 7:49:08		-122.361	37.7148				1931.29778	RS-700	-0.033344378
3761	9/4/2019 7:49:09		-122.361	37.7148				1925.49131	RS-700	-0.062232289
3762	9/4/2019 7:49:10		-122.361	37.7148				1956.69893	RS-700	0.093029502
3763	9/4/2019 7:49:11		-122.361	37.7148				1966.803	RS-700	0.143298507
3764	9/4/2019 7:49:12		-122.361	37.7148				1942.99133	RS-700	0.024832488
3765	9/4/2019 7:49:13		-122.361	37.7148				1994.71181	RS-700	0.282148308
3766	9/4/2019 7:49:14		-122.361	37.7148				1981.90801	RS-700	0.218447811
3767	9/4/2019 7:49:15		-122.361	37.7148				1951.88929	RS-700	0.069100945
3768	9/4/2019 7:49:16		-122.361	37.7148				1920.96892	RS-700	-0.084731741
3769	9/4/2019 7:49:17		-122.361	37.7148				1917.67885	RS-700	-0.101100249
3770	9/4/2019 7:49:18		-122.361	37.7148				1950.27422	RS-700	0.061065771
3771	9/4/2019 7:49:19		-122.361	37.7148				1957.60159	RS-700	0.097520348
3772	9/4/2019 7:49:20		-122.361	37.7148				1920.58838	RS-700	-0.086624975
3773	9/4/2019 7:49:21		-122.361	37.7148				1988.40583	RS-700	0.250775274
3774	9/4/2019 7:49:22		-122.361	37.7148				1877.56772	RS-700	-0.300658109
3775	9/4/2019 7:49:23		-122.361	37.7148				1853.84329	RS-700	-0.4186901
3776	9/4/2019 7:49:24		-122.361	37.7148				1884.66793	RS-700	-0.265333682
3777	9/4/2019 7:49:25		-122.361	37.7148				1839.56254	RS-700	-0.489738607
3778	9/4/2019 7:49:26		-122.361	37.7148				1846.75335	RS-700	-0.453963433
3779	9/4/2019 7:49:27		-122.361	37.7148				1888.77058	RS-700	-0.244922488
3780	9/4/2019 7:49:28		-122.361	37.7148				1869.85313	RS-700	-0.339039154
3781	9/4/2019 7:49:29		-122.361	37.7148				1895.67036	RS-700	-0.210595224

Gamma Scan Survey Results
Survey Unit 5 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
3782	9/4/2019 7:49:30		-122.361	37.7148				1968.69653	RS-700	0.152719055
3783	9/4/2019 7:49:31		-122.361	37.7148				1834.65224	RS-700	-0.51416796
3784	9/4/2019 7:49:32		-122.361	37.7148				1799.74493	RS-700	-0.687836169
3785	9/4/2019 7:49:33		-122.361	37.7148				1837.56295	RS-700	-0.499686816
3786	9/4/2019 7:49:34		-122.361	37.7148				1860.29649	RS-700	-0.386584627
3787	9/4/2019 7:49:35		-122.361	37.7148				1948.5028	RS-700	0.052252736
3788	9/4/2019 7:49:36		-122.361	37.7147				1822.64684	RS-700	-0.573896318
3789	9/4/2019 7:49:37		-122.361	37.7147				1958.39332	RS-700	0.101459303
3790	9/4/2019 7:49:38		-122.361	37.7147				1944.88259	RS-700	0.034241741
3791	9/4/2019 7:49:39		-122.361	37.7147				1918.2542	RS-700	-0.098237811
3792	9/4/2019 7:49:40		-122.361	37.7147				1979.70869	RS-700	0.20750592
3793	9/4/2019 7:49:41		-122.361	37.7147				2002.31195	RS-700	0.31995995
3794	9/4/2019 7:49:42		-122.361	37.7147				1945.40108	RS-700	0.036821294
3795	9/4/2019 7:49:43		-122.361	37.7147				2043.72616	RS-700	0.526000796
3796	9/4/2019 7:49:44		-122.361	37.7147				1921.68626	RS-700	-0.081162886
3797	9/4/2019 7:49:45		-122.361	37.7147				1932.88107	RS-700	-0.025467313
3798	9/4/2019 7:49:46		-122.361	37.7147				1929.88263	RS-700	-0.040384925
3799	9/4/2019 7:49:47		-122.361	37.7147				1901.15175	RS-700	-0.183324627
3800	9/4/2019 7:49:48		-122.361	37.7147				1910.25396	RS-700	-0.13804
3801	9/4/2019 7:49:49		-122.361	37.7147				1971.89376	RS-700	0.168625672
3802	9/4/2019 7:49:50		-122.361	37.7147				1928.87794	RS-700	-0.045383383
3803	9/4/2019 7:49:51		-122.361	37.7147				1910.77667	RS-700	-0.135439453
3804	9/4/2019 7:49:52		-122.361	37.7147				1831.73344	RS-700	-0.528689353
3805	9/4/2019 7:49:53		-122.361	37.7147				1911.19203	RS-700	-0.133372985
3806	9/4/2019 7:49:54		-122.361	37.7147				1939.17045	RS-700	0.005823134
3807	9/4/2019 7:49:55		-122.361	37.7147				1883.60964	RS-700	-0.270598806
3808	9/4/2019 7:49:56		-122.361	37.7147				1911.68165	RS-700	-0.130937065
3809	9/4/2019 7:49:57		-122.361	37.7147				1977.71905	RS-700	0.197607214
3810	9/4/2019 7:49:58		-122.361	37.7147				2018.02986	RS-700	0.398158507
3811	9/4/2019 7:49:59		-122.361	37.7147				1953.994	RS-700	0.079572139
3812	9/4/2019 7:50:00		-122.36	37.7147				1950.49854	RS-700	0.062181791
3813	9/4/2019 7:50:01		-122.36	37.7147				1931.0599	RS-700	-0.034527861
3814	9/4/2019 7:50:02		-122.36	37.7147				1938.48736	RS-700	0.002424677
3815	9/4/2019 7:50:03		-122.36	37.7147				1868.74669	RS-700	-0.344543831
3816	9/4/2019 7:50:04		-122.36	37.7147				1918.67598	RS-700	-0.096139403
3817	9/4/2019 7:50:05		-122.36	37.7147				1919.96727	RS-700	-0.089715075
3818	9/4/2019 7:50:06		-122.36	37.7147				1868.66679	RS-700	-0.344941343
3819	9/4/2019 7:50:07		-122.36	37.7147				1842.93569	RS-700	-0.472956766
3820	9/4/2019 7:50:08		-122.36	37.7147				1928.69574	RS-700	-0.046289851
3821	9/4/2019 7:50:09		-122.36	37.7147				1918.26278	RS-700	-0.098195124
3822	9/4/2019 7:50:10		-122.36	37.7147				1864.76048	RS-700	-0.364375721
3823	9/4/2019 7:50:11		-122.36	37.7147				1901.39589	RS-700	-0.18211
3824	9/4/2019 7:50:12		-122.36	37.7146				1838.46112	RS-700	-0.495218308
3825	9/4/2019 7:50:13		-122.36	37.7146				1871.47837	RS-700	-0.330953383
3826	9/4/2019 7:50:14		-122.36	37.7146				1882.94244	RS-700	-0.273918209
3827	9/4/2019 7:50:15		-122.36	37.7146				1863.57039	RS-700	-0.370296567
3828	9/4/2019 7:50:16		-122.36	37.7146				1947.18149	RS-700	0.045679055
3829	9/4/2019 7:50:17		-122.36	37.7146				1937.97221	RS-700	-0.000138259
3830	9/4/2019 7:50:18		-122.36	37.7146				1896.77817	RS-700	-0.205083731
3831	9/4/2019 7:50:19		-122.36	37.7146				1940.39995	RS-700	0.01194005
3832	9/4/2019 7:50:20		-122.36	37.7146				1873.75701	RS-700	-0.319616866
3833	9/4/2019 7:50:21		-122.36	37.7146				1958.89581	RS-700	0.103959254
3834	9/4/2019 7:50:22		-122.36	37.7146				1889.86354	RS-700	-0.239484876
3835	9/4/2019 7:50:23		-122.36	37.7146				1868.5714	RS-700	-0.34541592
3836	9/4/2019 7:50:24		-122.36	37.7146				1885.47973	RS-700	-0.261294876
3837	9/4/2019 7:50:25		-122.36	37.7146				1872.13493	RS-700	-0.327686915
3838	9/4/2019 7:50:26		-122.36	37.7146				1909.39458	RS-700	-0.142315522
3839	9/4/2019 7:50:27		-122.36	37.7146				1814.82814	RS-700	-0.612795323
3840	9/4/2019 7:50:28		-122.36	37.7146				1835.74205	RS-700	-0.50874602
3841	9/4/2019 7:50:29		-122.36	37.7146				1844.65793	RS-700	-0.464388408
3842	9/4/2019 7:50:30		-122.36	37.7146				1668.33963	RS-700	-1.341593881

Gamma Scan Survey Results
Survey Unit 5 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
3843	9/4/2019 7:50:31		-122.36	37.7146				1298.1409	RS-700	-3.183378607
3844	9/4/2019 7:50:32		-122.36	37.7146				934.00533	RS-700	-4.994998358
3845	9/4/2019 7:50:33		-122.36	37.7146				935.23898	RS-700	-4.988860796
3846	9/4/2019 7:50:34		-122.36	37.7146				925.33314	RS-700	-5.038143582
3847	9/4/2019 7:50:35		-122.36	37.7146				984.10303	RS-700	-4.74575607
3848	9/4/2019 7:50:36		-122.36	37.7146				1526.08581	RS-700	-2.049324328
3849	9/4/2019 7:50:37		-122.36	37.7146				1802.73533	RS-700	-0.672958557
3850	9/4/2019 7:50:38		-122.36	37.7146				1623.75262	RS-700	-1.563419801
3851	9/4/2019 7:50:39		-122.36	37.7146				1743.18271	RS-700	-0.969240249
3852	9/4/2019 7:50:40		-122.36	37.7146				1854.29024	RS-700	-0.416466468
3853	9/4/2019 7:50:41		-122.36	37.7146				1900.96285	RS-700	-0.184264428
3854	9/4/2019 7:50:42		-122.36	37.7146				1890.76028	RS-700	-0.235023483
3855	9/4/2019 7:50:43		-122.36	37.7146				1958.50405	RS-700	0.102010199
3856	9/4/2019 7:50:44		-122.36	37.7146				1984.90864	RS-700	0.233376318
3857	9/4/2019 7:50:45		-122.36	37.7146				1890.75799	RS-700	-0.235034876
3858	9/4/2019 7:50:46		-122.36	37.7146				1934.78689	RS-700	-0.015985622
3859	9/4/2019 7:50:47		-122.36	37.7146				1911.48686	RS-700	-0.131906169
3860	9/4/2019 7:50:48		-122.36	37.7146				1843.20666	RS-700	-0.471608657
3861	9/4/2019 7:50:49		-122.36	37.7146				1965.79965	RS-700	0.138306716
3862	9/4/2019 7:50:50		-122.36	37.7146				1925.3674	RS-700	-0.062848756
3863	9/4/2019 7:50:51		-122.36	37.7146				1845.9382	RS-700	-0.458018905
3864	9/4/2019 7:50:52		-122.36	37.7146				1848.75857	RS-700	-0.443987214
3865	9/4/2019 7:50:53		-122.36	37.7146				1877.04417	RS-700	-0.303262836
3866	9/4/2019 7:50:54		-122.36	37.7146				1804.64144	RS-700	-0.663475423
3867	9/4/2019 7:50:55		-122.36	37.7146				1854.57184	RS-700	-0.415065473
3868	9/4/2019 7:50:56		-122.36	37.7146				1880.14017	RS-700	-0.287859851
3869	9/4/2019 7:50:57		-122.36	37.7145				1814.73478	RS-700	-0.613259801
3870	9/4/2019 7:50:58		-122.36	37.7145				1857.12253	RS-700	-0.402375473
3871	9/4/2019 7:50:59		-122.36	37.7145				1898.29359	RS-700	-0.197544328
3872	9/4/2019 7:51:00		-122.36	37.7145				1831.66552	RS-700	-0.529027264
3873	9/4/2019 7:51:01		-122.36	37.7145				1862.56691	RS-700	-0.375289005
3874	9/4/2019 7:51:02		-122.36	37.7145				1867.85421	RS-700	-0.34898403
3875	9/4/2019 7:51:03		-122.36	37.7145				1922.87701	RS-700	-0.075238756
3876	9/4/2019 7:51:04		-122.36	37.7145				1837.65064	RS-700	-0.499250547
3877	9/4/2019 7:51:05		-122.36	37.7145				1885.03467	RS-700	-0.263509104
3878	9/4/2019 7:51:06		-122.36	37.7145				1825.37037	RS-700	-0.560346418
3879	9/4/2019 7:51:07		-122.36	37.7145				1885.95678	RS-700	-0.258921493
3880	9/4/2019 7:51:08		-122.36	37.7145				1894.50171	RS-700	-0.216409403
3881	9/4/2019 7:51:09		-122.36	37.7145				1924.48003	RS-700	-0.067263532
3882	9/4/2019 7:51:10		-122.36	37.7145				1869.85377	RS-700	-0.33903597
3883	9/4/2019 7:51:11		-122.36	37.7145				1882.77085	RS-700	-0.274771891
3884	9/4/2019 7:51:12		-122.36	37.7145				1938.7866	RS-700	0.003913433
3885	9/4/2019 7:51:13		-122.36	37.7145				1968.00558	RS-700	0.149281493
3886	9/4/2019 7:51:14		-122.36	37.7145				1866.83723	RS-700	-0.354043632
3887	9/4/2019 7:51:15		-122.36	37.7145				1881.86106	RS-700	-0.279298209
3888	9/4/2019 7:51:16		-122.36	37.7145				1862.65433	RS-700	-0.37485408
3889	9/4/2019 7:51:17		-122.36	37.7145				1946.41268	RS-700	0.041854129
3890	9/4/2019 7:51:18		-122.36	37.7145				1842.37356	RS-700	-0.475753433
3891	9/4/2019 7:51:19		-122.36	37.7145				1902.95195	RS-700	-0.174368408
3892	9/4/2019 7:51:20		-122.36	37.7145				1798.73696	RS-700	-0.692850945
3893	9/4/2019 7:51:21		-122.36	37.7145				1807.46276	RS-700	-0.649439005
3894	9/4/2019 7:51:22		-122.36	37.7145				1837.5609	RS-700	-0.499697015
3895	9/4/2019 7:51:23		-122.36	37.7145				1891.86381	RS-700	-0.229533284
3896	9/4/2019 7:51:24		-122.36	37.7145				1898.67567	RS-700	-0.195643433
3897	9/4/2019 7:51:25		-122.36	37.7145				1857.47854	RS-700	-0.400604279
3898	9/4/2019 7:51:26		-122.36	37.7145				1883.76752	RS-700	-0.269813333
3899	9/4/2019 7:51:27		-122.36	37.7145				1895.384	RS-700	-0.2120199
3900	9/4/2019 7:51:28		-122.36	37.7145				1756.5347	RS-700	-0.902812438
3901	9/4/2019 7:51:29		-122.36	37.7145				1846.45084	RS-700	-0.455468458
3902	9/4/2019 7:51:30		-122.36	37.7145				1842.84937	RS-700	-0.473386219
3903	9/4/2019 7:51:31		-122.36	37.7145				1782.72832	RS-700	-0.77249592

Gamma Scan Survey Results
Survey Unit 5 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
3904	9/4/2019 7:51:32		-122.36	37.7145				1800.73162	RS-700	-0.682927264
3905	9/4/2019 7:51:33		-122.36	37.7145				1880.19583	RS-700	-0.287582935
3906	9/4/2019 7:51:34		-122.36	37.7144				1835.74612	RS-700	-0.508725771
3907	9/4/2019 7:51:35		-122.36	37.7144				1840.4716	RS-700	-0.48521592
3908	9/4/2019 7:51:36		-122.36	37.7144				1829.74852	RS-700	-0.538564577
3909	9/4/2019 7:51:37		-122.36	37.7144				1793.81417	RS-700	-0.717342438
3910	9/4/2019 7:51:38		-122.36	37.7144				1808.56321	RS-700	-0.643964129
3911	9/4/2019 7:51:39		-122.36	37.7144				1727.18327	RS-700	-1.048839453
3912	9/4/2019 7:51:40		-122.36	37.7144				1813.64946	RS-700	-0.618659403
3913	9/4/2019 7:51:41		-122.36	37.7144				1824.55966	RS-700	-0.564379801
3914	9/4/2019 7:51:42		-122.36	37.7144				1799.54402	RS-700	-0.688835721
3915	9/4/2019 7:51:43		-122.36	37.7144				1784.62441	RS-700	-0.763062637
3916	9/4/2019 7:51:44		-122.36	37.7144				1677.18647	RS-700	-1.297579751
3917	9/4/2019 7:51:45		-122.36	37.7144				1841.92063	RS-700	-0.478006816
3918	9/4/2019 7:51:46		-122.36	37.7144				1799.45269	RS-700	-0.6892901
3919	9/4/2019 7:51:47		-122.36	37.7144				1664.00908	RS-700	-1.363138905
3920	9/4/2019 7:51:48		-122.36	37.7144				1875.39173	RS-700	-0.31148393
3921	9/4/2019 7:51:49		-122.36	37.7144				1753.62563	RS-700	-0.917285423
3922	9/4/2019 7:51:50		-122.36	37.7144				1876.57455	RS-700	-0.305599254
3923	9/4/2019 7:51:51		-122.36	37.7144				1885.14842	RS-700	-0.262943184
3924	9/4/2019 7:51:52		-122.36	37.7144				1829.65302	RS-700	-0.539039701
3925	9/4/2019 7:51:53		-122.36	37.7144				1922.97433	RS-700	-0.074754577
3926	9/4/2019 7:51:54		-122.36	37.7144				1882.65462	RS-700	-0.275350149
3927	9/4/2019 7:51:55		-122.36	37.7144				1819.4646	RS-700	-0.589728358
3928	9/4/2019 7:51:56		-122.36	37.7144				1863.14246	RS-700	-0.372425572
3929	9/4/2019 7:51:57		-122.36	37.7144				1842.29057	RS-700	-0.476166318
3930	9/4/2019 7:51:58		-122.36	37.7144				1828.56501	RS-700	-0.544452687
3931	9/4/2019 7:51:59		-122.36	37.7144				1774.72111	RS-700	-0.812332786
3932	9/4/2019 7:52:00		-122.36	37.7144				1801.73608	RS-700	-0.67792995
3933	9/4/2019 7:52:01		-122.36	37.7144				1803.09988	RS-700	-0.671144876
3934	9/4/2019 7:52:02		-122.36	37.7144				1783.89216	RS-700	-0.766705672
3935	9/4/2019 7:52:03		-122.36	37.7144				1731.26396	RS-700	-1.028537512
3936	9/4/2019 7:52:04		-122.36	37.7144				1764.60546	RS-700	-0.862659403
3937	9/4/2019 7:52:05		-122.36	37.7144				1813.65009	RS-700	-0.618656269
3938	9/4/2019 7:52:06		-122.36	37.7144				1734.70454	RS-700	-1.011420199
3939	9/4/2019 7:52:07		-122.36	37.7144				1809.27485	RS-700	-0.640423632
3940	9/4/2019 7:52:08		-122.36	37.7144				1793.73151	RS-700	-0.717753682
3941	9/4/2019 7:52:09		-122.36	37.7144				1830.83519	RS-700	-0.533158259
3942	9/4/2019 7:52:10		-122.36	37.7144				1849.84507	RS-700	-0.438581741
3943	9/4/2019 7:52:11		-122.36	37.7144				1789.72726	RS-700	-0.737675323
3944	9/4/2019 7:52:12		-122.36	37.7144				1839.74779	RS-700	-0.488816965
3945	9/4/2019 7:52:13		-122.36	37.7144				1873.29011	RS-700	-0.321939751
3946	9/4/2019 7:52:14		-122.36	37.7144				1858.83941	RS-700	-0.393833781
3947	9/4/2019 7:52:15		-122.36	37.7144				1845.7525	RS-700	-0.458942786
3948	9/4/2019 7:52:16		-122.36	37.7144				1807.46866	RS-700	-0.649409652
3949	9/4/2019 7:52:17		-122.36	37.7144				1806.55247	RS-700	-0.653967811
3950	9/4/2019 7:52:18		-122.36	37.7144				1813.09428	RS-700	-0.621421493
3951	9/4/2019 7:52:19		-122.36	37.7144				1812.18894	RS-700	-0.625925672
3952	9/4/2019 7:52:20		-122.36	37.7144				1856.66022	RS-700	-0.404675522
3953	9/4/2019 7:52:21		-122.36	37.7144				1873.57608	RS-700	-0.320517015
3954	9/4/2019 7:52:22		-122.36	37.7144				1792.37257	RS-700	-0.724514577
3955	9/4/2019 7:52:23		-122.36	37.7144				1795.81671	RS-700	-0.707379552
3956	9/4/2019 7:52:24		-122.36	37.7144				1799.18941	RS-700	-0.69059995
3957	9/4/2019 7:52:25		-122.36	37.7144				1862.19578	RS-700	-0.377135423
3958	9/4/2019 7:52:26		-122.36	37.7144				1937.49928	RS-700	-0.002491144
3959	9/4/2019 7:52:27		-122.36	37.7144				1884.05557	RS-700	-0.268380249
3960	9/4/2019 7:52:28		-122.36	37.7144				1868.38735	RS-700	-0.346331592
3961	9/4/2019 7:52:29		-122.36	37.7144				1800.54071	RS-700	-0.683877065
3962	9/4/2019 7:52:30		-122.36	37.7144				1793.18917	RS-700	-0.720451891
3963	9/4/2019 7:52:31		-122.36	37.7144				1778.3593	RS-700	-0.794232338
3964	9/4/2019 7:52:32		-122.36	37.7144				1778.72318	RS-700	-0.79242199

Gamma Scan Survey Results
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SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
3965	9/4/2019 7:52:33		-122.36	37.7144				1826.83371	RS-700	-0.553066119
3966	9/4/2019 7:52:34		-122.36	37.7144				1777.04894	RS-700	-0.800751542
3967	9/4/2019 7:52:35		-122.36	37.7144				1844.11834	RS-700	-0.467072935
3968	9/4/2019 7:52:36		-122.36	37.7144				1804.71999	RS-700	-0.663084627
3969	9/4/2019 7:52:37		-122.36	37.7144				1828.56098	RS-700	-0.544472736
3970	9/4/2019 7:52:38		-122.36	37.7144				1781.46362	RS-700	-0.77878796
3971	9/4/2019 7:52:39		-122.36	37.7145				1847.74492	RS-700	-0.449030249
3972	9/4/2019 7:52:40		-122.36	37.7145				1741.71167	RS-700	-0.976558856
3973	9/4/2019 7:52:41		-122.36	37.7145				1858.03169	RS-700	-0.397852289
3974	9/4/2019 7:52:42		-122.36	37.7145				1897.7714	RS-700	-0.200142289
3975	9/4/2019 7:52:43		-122.36	37.7145				1741.35752	RS-700	-0.978320796
3976	9/4/2019 7:52:44		-122.36	37.7145				1733.53117	RS-700	-1.017257861
3977	9/4/2019 7:52:45		-122.36	37.7145				1756.54033	RS-700	-0.902784428
3978	9/4/2019 7:52:46		-122.36	37.7145				1833.65488	RS-700	-0.51912995
3979	9/4/2019 7:52:47		-122.36	37.7145				1857.84308	RS-700	-0.398790647
3980	9/4/2019 7:52:48		-122.36	37.7145				1851.85261	RS-700	-0.42859398
3981	9/4/2019 7:52:49		-122.36	37.7145				1797.72944	RS-700	-0.697863483
3982	9/4/2019 7:52:50		-122.36	37.7145				1844.28789	RS-700	-0.466229403
3983	9/4/2019 7:52:51		-122.36	37.7145				1899.39162	RS-700	-0.192081493
3984	9/4/2019 7:52:52		-122.36	37.7145				1860.30494	RS-700	-0.386542587
3985	9/4/2019 7:52:53		-122.36	37.7145				1861.51204	RS-700	-0.380537114
3986	9/4/2019 7:52:54		-122.36	37.7145				1746.72039	RS-700	-0.951639851
3987	9/4/2019 7:52:55		-122.36	37.7145				1783.45617	RS-700	-0.768874776
3988	9/4/2019 7:52:56		-122.36	37.7145				1831.37638	RS-700	-0.530465771
3989	9/4/2019 7:52:57		-122.36	37.7145				1795.26677	RS-700	-0.710115572
3990	9/4/2019 7:52:58		-122.36	37.7145				1875.75741	RS-700	-0.309664627
3991	9/4/2019 7:52:59		-122.36	37.7145				1836.37741	RS-700	-0.505585025
3992	9/4/2019 7:53:00		-122.36	37.7145				1897.95954	RS-700	-0.199206269
3993	9/4/2019 7:53:01		-122.36	37.7145				1876.48053	RS-700	-0.306067015
3994	9/4/2019 7:53:02		-122.36	37.7145				1949.68932	RS-700	0.058155821
3995	9/4/2019 7:53:03		-122.36	37.7145				1972.69071	RS-700	0.172590597
3996	9/4/2019 7:53:04		-122.36	37.7145				1863.38606	RS-700	-0.371213632
3997	9/4/2019 7:53:05		-122.36	37.7145				1902.86969	RS-700	-0.174777662
3998	9/4/2019 7:53:06		-122.36	37.7145				1909.86172	RS-700	-0.139991443
3999	9/4/2019 7:53:07		-122.36	37.7145				1890.77336	RS-700	-0.234958408
4000	9/4/2019 7:53:08		-122.36	37.7145				1963.40589	RS-700	0.126397463
4001	9/4/2019 7:53:09		-122.36	37.7145				1823.74711	RS-700	-0.568422338
4002	9/4/2019 7:53:10		-122.36	37.7145				1901.88451	RS-700	-0.179679055
4003	9/4/2019 7:53:11		-122.36	37.7145				1894.96181	RS-700	-0.214120348
4004	9/4/2019 7:53:12		-122.36	37.7145				1904.20444	RS-700	-0.168137114
4005	9/4/2019 7:53:13		-122.36	37.7145				1857.83475	RS-700	-0.39883209
4006	9/4/2019 7:53:14		-122.36	37.7145				1799.90059	RS-700	-0.687061741
4007	9/4/2019 7:53:15		-122.36	37.7145				1845.21063	RS-700	-0.461638657
4008	9/4/2019 7:53:16		-122.36	37.7146				1831.74786	RS-700	-0.528617612
4009	9/4/2019 7:53:17		-122.36	37.7146				1840.01367	RS-700	-0.487494179
4010	9/4/2019 7:53:18		-122.36	37.7146				1814.48405	RS-700	-0.614507214
4011	9/4/2019 7:53:19		-122.36	37.7146				1837.837	RS-700	-0.498323383
4012	9/4/2019 7:53:20		-122.36	37.7146				1773.54415	RS-700	-0.818188308
4013	9/4/2019 7:53:21		-122.36	37.7146				1804.46544	RS-700	-0.664351045
4014	9/4/2019 7:53:22		-122.36	37.7146				1899.37898	RS-700	-0.192144378
4015	9/4/2019 7:53:23		-122.36	37.7146				1908.29563	RS-700	-0.147782935
4016	9/4/2019 7:53:24		-122.36	37.7146				1947.77896	RS-700	0.048651542
4017	9/4/2019 7:53:25		-122.36	37.7146				1817.19044	RS-700	-0.601042587
4018	9/4/2019 7:53:26		-122.36	37.7146				1907.5844	RS-700	-0.151321393
4019	9/4/2019 7:53:27		-122.36	37.7146				1933.36579	RS-700	-0.023055771
4020	9/4/2019 7:53:28		-122.36	37.7146				1910.96553	RS-700	-0.134499851
4021	9/4/2019 7:53:29		-122.36	37.7146				1920.60136	RS-700	-0.086560398
4022	9/4/2019 7:53:30		-122.36	37.7146				1915.76723	RS-700	-0.110610796
4023	9/4/2019 7:53:31		-122.36	37.7146				1883.4803	RS-700	-0.271242289
4024	9/4/2019 7:53:32		-122.36	37.7146				1962.89824	RS-700	0.123871841
4025	9/4/2019 7:53:33		-122.36	37.7146				1990.29954	RS-700	0.260196716

Gamma Scan Survey Results
Survey Unit 5 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
4026	9/4/2019 7:53:34		-122.36	37.7146				1899.29942	RS-700	-0.192540199
4027	9/4/2019 7:53:35		-122.36	37.7146				1817.72886	RS-700	-0.598363881
4028	9/4/2019 7:53:36		-122.36	37.7146				1740.88158	RS-700	-0.980688657
4029	9/4/2019 7:53:37		-122.36	37.7146				1849.37079	RS-700	-0.440941343
4030	9/4/2019 7:53:38		-122.36	37.7146				1714.3536	RS-700	-1.112668657
4031	9/4/2019 7:53:39		-122.36	37.7146				1693.88461	RS-700	-1.214504428
4032	9/4/2019 7:53:40		-122.36	37.7146				1770.63418	RS-700	-0.832665771
4033	9/4/2019 7:53:41		-122.36	37.7146				1760.62775	RS-700	-0.882449005
4034	9/4/2019 7:53:42		-122.36	37.7146				1775.63047	RS-700	-0.807808607
4035	9/4/2019 7:53:43		-122.36	37.7146				1852.83897	RS-700	-0.423686716
4036	9/4/2019 7:53:44		-122.36	37.7146				1848.38081	RS-700	-0.445866617
4037	9/4/2019 7:53:45		-122.36	37.7146				1870.19224	RS-700	-0.33735204
4038	9/4/2019 7:53:46		-122.36	37.7146				1871.86413	RS-700	-0.329034179
4039	9/4/2019 7:53:47		-122.36	37.7146				1970.9032	RS-700	0.163697512
4040	9/4/2019 7:53:48		-122.36	37.7146				1867.66988	RS-700	-0.349901095
4041	9/4/2019 7:53:49		-122.36	37.7146				1903.67846	RS-700	-0.17075393
4042	9/4/2019 7:53:50		-122.36	37.7146				1914.58475	RS-700	-0.116493781
4043	9/4/2019 7:53:51		-122.36	37.7146				1892.6798	RS-700	-0.225473632
4044	9/4/2019 7:53:52		-122.36	37.7146				1838.4688	RS-700	-0.4951801
4045	9/4/2019 7:53:53		-122.36	37.7146				1882.67291	RS-700	-0.275259154
4046	9/4/2019 7:53:54		-122.36	37.7146				1842.83459	RS-700	-0.473459751
4047	9/4/2019 7:53:55		-122.36	37.7146				1924.97082	RS-700	-0.064821791
4048	9/4/2019 7:53:56		-122.36	37.7146				1960.71081	RS-700	0.112989104
4049	9/4/2019 7:53:57		-122.36	37.7147				1873.48362	RS-700	-0.320977015
4050	9/4/2019 7:53:58		-122.36	37.7147				1907.7669	RS-700	-0.150413433
4051	9/4/2019 7:53:59		-122.36	37.7147				1830.64798	RS-700	-0.534089652
4052	9/4/2019 7:54:00		-122.36	37.7147				1879.29229	RS-700	-0.292078159
4053	9/4/2019 7:54:01		-122.36	37.7147				1871.32455	RS-700	-0.331718657
4054	9/4/2019 7:54:02		-122.36	37.7147				1838.74745	RS-700	-0.493793781
4055	9/4/2019 7:54:03		-122.36	37.7147				1867.38138	RS-700	-0.351336418
4056	9/4/2019 7:54:04		-122.36	37.7147				1839.73368	RS-700	-0.488887164
4057	9/4/2019 7:54:05		-122.36	37.7147				1829.37692	RS-700	-0.540413333
4058	9/4/2019 7:54:06		-122.36	37.7147				1854.47342	RS-700	-0.415555124
4059	9/4/2019 7:54:07		-122.36	37.7147				1859.03453	RS-700	-0.392863035
4060	9/4/2019 7:54:08		-122.36	37.7147				1902.9622	RS-700	-0.174317413
4061	9/4/2019 7:54:09		-122.36	37.7147				1899.67501	RS-700	-0.190671592
4062	9/4/2019 7:54:10		-122.36	37.7147				1885.67154	RS-700	-0.260340597
4063	9/4/2019 7:54:11		-122.36	37.7147				1837.55503	RS-700	-0.499726219
4064	9/4/2019 7:54:12		-122.36	37.7147				1911.15389	RS-700	-0.133562736
4065	9/4/2019 7:54:13		-122.36	37.7147				1875.46776	RS-700	-0.311105672
4066	9/4/2019 7:54:14		-122.36	37.7147				1781.98687	RS-700	-0.776184726
4067	9/4/2019 7:54:15		-122.36	37.7147				1946.49592	RS-700	0.042268259
4068	9/4/2019 7:54:16		-122.36	37.7147				1837.47273	RS-700	-0.500135672
4069	9/4/2019 7:54:17		-122.36	37.7147				1967.80941	RS-700	0.148305522
4070	9/4/2019 7:54:18		-122.361	37.7147				1942.39851	RS-700	0.021883134
4071	9/4/2019 7:54:19		-122.361	37.7147				1960.60163	RS-700	0.11244592
4072	9/4/2019 7:54:20		-122.361	37.7147				1972.60678	RS-700	0.172173035
4073	9/4/2019 7:54:21		-122.361	37.7147				1952.60065	RS-700	0.07264005
4074	9/4/2019 7:54:22		-122.361	37.7147				1791.45155	RS-700	-0.729096766
4075	9/4/2019 7:54:23		-122.361	37.7147				1828.19225	RS-700	-0.546307214
4076	9/4/2019 7:54:24		-122.361	37.7147				1949.18216	RS-700	0.055632637
4077	9/4/2019 7:54:25		-122.361	37.7147				1945.69008	RS-700	0.038259104
4078	9/4/2019 7:54:26		-122.361	37.7147				1948.69706	RS-700	0.053219204
4079	9/4/2019 7:54:27		-122.361	37.7147				1925.49685	RS-700	-0.062204726
4080	9/4/2019 7:54:28		-122.361	37.7147				1950.79342	RS-700	0.063648856
4081	9/4/2019 7:54:29		-122.361	37.7147				1961.9898	RS-700	0.119352239
4082	9/4/2019 7:54:30		-122.361	37.7147				1984.60957	RS-700	0.231888408
4083	9/4/2019 7:54:31		-122.361	37.7147				1990.2151	RS-700	0.259776617
4084	9/4/2019 7:54:32		-122.361	37.7147				1994.61168	RS-700	0.281650149
4085	9/4/2019 7:54:33		-122.361	37.7147				2040.21475	RS-700	0.508531095
4086	9/4/2019 7:54:34		-122.361	37.7147				1988.89858	RS-700	0.253226766

Gamma Scan Survey Results
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SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
4087	9/4/2019 7:54:35		-122.361	37.7148				2004.9176	RS-700	0.332923383
4088	9/4/2019 7:54:36		-122.361	37.7148				1913.87627	RS-700	-0.120018557
4089	9/4/2019 7:54:37		-122.361	37.7148				1988.91165	RS-700	0.253291791
4090	9/4/2019 7:54:38		-122.361	37.7148				1909.39435	RS-700	-0.142316667
4091	9/4/2019 7:54:39		-122.361	37.7148				1838.4754	RS-700	-0.495147264
4092	9/4/2019 7:54:40		-122.361	37.7148				1870.6661	RS-700	-0.334994527
4093	9/4/2019 7:54:41		-122.361	37.7148				1790.90477	RS-700	-0.731817065
4094	9/4/2019 7:54:42		-122.361	37.7148				1837.56327	RS-700	-0.499685224
4095	9/4/2019 7:54:43		-122.361	37.7148				1791.09789	RS-700	-0.730856269
4096	9/4/2019 7:54:44		-122.361	37.7148				1905.2998	RS-700	-0.162687562
4097	9/4/2019 7:54:45		-122.361	37.7148				1822.84807	RS-700	-0.572895174
4098	9/4/2019 7:54:46		-122.361	37.7148				1860.7572	RS-700	-0.384292537
4099	9/4/2019 7:54:47		-122.361	37.7148				1899.05518	RS-700	-0.193755323
4100	9/4/2019 7:54:48		-122.361	37.7148				1808.46524	RS-700	-0.644451542
4101	9/4/2019 7:54:49		-122.361	37.7148				1881.42115	RS-700	-0.281486816
4102	9/4/2019 7:54:50		-122.361	37.7148				1808.46479	RS-700	-0.644453781
4103	9/4/2019 7:54:51		-122.361	37.7148				1887.85321	RS-700	-0.249486517
4104	9/4/2019 7:54:52		-122.361	37.7148				1855.8473	RS-700	-0.4087199
4105	9/4/2019 7:54:53		-122.361	37.7148				1931.49557	RS-700	-0.032360348
4106	9/4/2019 7:54:54		-122.361	37.7148				1852.75477	RS-700	-0.424105622
4107	9/4/2019 7:54:55		-122.361	37.7148				1897.48688	RS-700	-0.201557811
4108	9/4/2019 7:54:56		-122.361	37.7148				1888.19935	RS-700	-0.247764428
4109	9/4/2019 7:54:57		-122.361	37.7148				1944.28399	RS-700	0.031263632
4110	9/4/2019 7:54:58		-122.361	37.7148				1930.26173	RS-700	-0.038498856
4111	9/4/2019 7:54:59		-122.361	37.7148				1949.08096	RS-700	0.055129154
4112	9/4/2019 7:55:00		-122.361	37.7148				1943.5963	RS-700	0.027842289
4113	9/4/2019 7:55:01		-122.361	37.7148				1949.59141	RS-700	0.057668706
4114	9/4/2019 7:55:02		-122.361	37.7148				2042.72869	RS-700	0.521038259
4115	9/4/2019 7:55:03		-122.361	37.7148				1840.92094	RS-700	-0.482980398
4116	9/4/2019 7:55:04		-122.361	37.7148				1933.59574	RS-700	-0.021911741
4117	9/4/2019 7:55:05		-122.361	37.7148				1920.98173	RS-700	-0.08466801
4118	9/4/2019 7:55:06		-122.361	37.7148				1935.58763	RS-700	-0.012001841
4119	9/4/2019 7:55:07		-122.361	37.7148				1900.66087	RS-700	-0.185766816
4120	9/4/2019 7:55:08		-122.361	37.7148				1980.51786	RS-700	0.211531642
4121	9/4/2019 7:55:09		-122.361	37.7148				1979.60602	RS-700	0.206995124
4122	9/4/2019 7:55:10		-122.361	37.7148				1915.77882	RS-700	-0.110553134
4123	9/4/2019 7:55:11		-122.361	37.7149				1891.95783	RS-700	-0.229065522
4124	9/4/2019 7:55:12		-122.361	37.7149				1992.51109	RS-700	0.271199453
4125	9/4/2019 7:55:13		-122.361	37.7149				1880.59882	RS-700	-0.28557801
4126	9/4/2019 7:55:14		-122.361	37.7149				1931.17246	RS-700	-0.033967861
4127	9/4/2019 7:55:15		-122.361	37.7149				1987.40611	RS-700	0.245801542
4128	9/4/2019 7:55:16		-122.361	37.7149				2005.11679	RS-700	0.333914378
4129	9/4/2019 7:55:17		-122.361	37.7149				1883.67391	RS-700	-0.270279055
4130	9/4/2019 7:55:18		-122.361	37.7149				1902.58356	RS-700	-0.176201194
4131	9/4/2019 7:55:19		-122.361	37.7149				1961.66118	RS-700	0.117717313
4132	9/4/2019 7:55:20		-122.361	37.7149				2000.61752	RS-700	0.31152995
4133	9/4/2019 7:55:21		-122.361	37.7149				1910.5786	RS-700	-0.136424876
4134	9/4/2019 7:55:22		-122.361	37.7149				1975.48613	RS-700	0.186498159
4135	9/4/2019 7:55:23		-122.361	37.7149				1976.6966	RS-700	0.192520398
4136	9/4/2019 7:55:24		-122.361	37.7149				2010.32165	RS-700	0.359809204
4137	9/4/2019 7:55:25		-122.361	37.7149				1990.80438	RS-700	0.262708358
4138	9/4/2019 7:55:26		-122.361	37.7149				1963.70109	RS-700	0.127866119
4139	9/4/2019 7:55:27		-122.361	37.7149				1493.38276	RS-700	-2.21202607
4140	9/4/2019 7:55:28		-122.361	37.7149				1266.13369	RS-700	-3.342618458
4141	9/4/2019 7:55:29		-122.361	37.7149				1188.18995	RS-700	-3.730398259
4142	9/4/2019 7:55:30		-122.361	37.7149				1203.18681	RS-700	-3.655787015
4143	9/4/2019 7:55:31		-122.361	37.7149				1344.144	RS-700	-2.954507463
4144	9/4/2019 7:55:32		-122.361	37.7149				1747.79926	RS-700	-0.946272338
4145	9/4/2019 7:55:33		-122.361	37.7149				1876.9226	RS-700	-0.303867662
4146	9/4/2019 7:55:34		-122.361	37.7149				1903.86591	RS-700	-0.169821343
4147	9/4/2019 7:55:35		-122.361	37.7149				1829.37576	RS-700	-0.540419104

Gamma Scan Survey Results
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SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
4148	9/4/2019 7:55:36		-122.361	37.7149				1992.98293	RS-700	0.273546915
4149	9/4/2019 7:55:37		-122.361	37.7149				1895.14969	RS-700	-0.213185622
4150	9/4/2019 7:55:38		-122.361	37.7149				1857.57064	RS-700	-0.40014607
4151	9/4/2019 7:55:39		-122.361	37.7149				1905.58238	RS-700	-0.161281692
4152	9/4/2019 7:55:40		-122.361	37.7149				1854.85154	RS-700	-0.41367393
4153	9/4/2019 7:55:41		-122.361	37.7149				1807.46651	RS-700	-0.649420348
4154	9/4/2019 7:55:42		-122.361	37.7149				1785.27609	RS-700	-0.759820448
4155	9/4/2019 7:55:43		-122.361	37.7149				1780.72175	RS-700	-0.782478856
4156	9/4/2019 7:55:44		-122.361	37.7149				1787.36917	RS-700	-0.749407114
4157	9/4/2019 7:55:45		-122.361	37.7149				1788.729	RS-700	-0.742641791
4158	9/4/2019 7:55:46		-122.361	37.7149				1872.10243	RS-700	-0.327848607
4159	9/4/2019 7:55:47		-122.361	37.7149				1807.64555	RS-700	-0.648529602
4160	9/4/2019 7:55:48		-122.361	37.7149				1852.66644	RS-700	-0.424545075
4161	9/4/2019 7:55:49		-122.361	37.7149				1769.27473	RS-700	-0.839429204
4162	9/4/2019 7:55:50		-122.361	37.7149				1932.49726	RS-700	-0.027376816
4163	9/4/2019 7:55:51		-122.361	37.7149				1884.4834	RS-700	-0.266251741
4164	9/4/2019 7:55:52		-122.361	37.7149				1873.13629	RS-700	-0.322705025
4165	9/4/2019 7:55:53		-122.361	37.7149				1871.47381	RS-700	-0.33097607
4166	9/4/2019 7:55:54		-122.361	37.7149				1835.65596	RS-700	-0.509174328
4167	9/4/2019 7:55:55		-122.361	37.7149				1792.2654	RS-700	-0.725047761
4168	9/4/2019 7:55:56		-122.361	37.7149				1771.44229	RS-700	-0.828645323
4169	9/4/2019 7:55:57		-122.361	37.7149				1850.65857	RS-700	-0.434534478
4170	9/4/2019 7:55:58		-122.361	37.7149				1795.63629	RS-700	-0.708277164
4171	9/4/2019 7:55:59		-122.361	37.7149				1823.01993	RS-700	-0.572040149
4172	9/4/2019 7:56:00		-122.361	37.7149				1846.36868	RS-700	-0.455877214
4173	9/4/2019 7:56:01		-122.361	37.7149				1838.37668	RS-700	-0.495638408
4174	9/4/2019 7:56:02		-122.361	37.7149				1915.7787	RS-700	-0.110553731
4175	9/4/2019 7:56:03		-122.361	37.7149				1785.36764	RS-700	-0.759364975
4176	9/4/2019 7:56:04		-122.361	37.7149				1754.80517	RS-700	-0.911417065
4177	9/4/2019 7:56:05		-122.361	37.7149				1905.96656	RS-700	-0.159370348
4178	9/4/2019 7:56:06		-122.361	37.7149				1787.89674	RS-700	-0.746782388
4179	9/4/2019 7:56:07		-122.361	37.7149				1848.65311	RS-700	-0.444511891
4180	9/4/2019 7:56:08		-122.361	37.7149				1826.83305	RS-700	-0.553069403
4181	9/4/2019 7:56:09		-122.361	37.7149				1825.05115	RS-700	-0.561934577
4182	9/4/2019 7:56:10		-122.361	37.7149				1894.48625	RS-700	-0.216486318
4183	9/4/2019 7:56:11		-122.361	37.7149				1811.64809	RS-700	-0.628616468
4184	9/4/2019 7:56:12		-122.361	37.7149				1779.08462	RS-700	-0.790623781
4185	9/4/2019 7:56:13		-122.361	37.7149				1782.45673	RS-700	-0.773847114
4186	9/4/2019 7:56:14		-122.361	37.7149				1810.18526	RS-700	-0.635894229
4187	9/4/2019 7:56:15		-122.361	37.7149				1777.98491	RS-700	-0.796094975
4188	9/4/2019 7:56:16		-122.361	37.7149				1888.66582	RS-700	-0.245443682
4189	9/4/2019 7:56:17		-122.361	37.7149				1785.81663	RS-700	-0.757131194
4190	9/4/2019 7:56:18		-122.361	37.7149				1781.54597	RS-700	-0.778378259
4191	9/4/2019 7:56:19		-122.361	37.7149				1825.57507	RS-700	-0.55932801
4192	9/4/2019 7:56:20		-122.361	37.7149				1792.46081	RS-700	-0.724075572
4193	9/4/2019 7:56:21		-122.361	37.7149				1807.28067	RS-700	-0.650344925
4194	9/4/2019 7:56:22		-122.361	37.7149				1835.65254	RS-700	-0.509191343
4195	9/4/2019 7:56:23		-122.361	37.7149				1772.98456	RS-700	-0.820972338
4196	9/4/2019 7:56:24		-122.361	37.7149				1885.95658	RS-700	-0.258922488
4197	9/4/2019 7:56:25		-122.361	37.7149				1860.034	RS-700	-0.387890547
4198	9/4/2019 7:56:26		-122.361	37.7149				1872.47657	RS-700	-0.325987214
4199	9/4/2019 7:56:27		-122.361	37.7149				1869.3802	RS-700	-0.34139204
4200	9/4/2019 7:56:28		-122.361	37.7149				1803.73619	RS-700	-0.667979154
4201	9/4/2019 7:56:29		-122.361	37.715				1940.16944	RS-700	0.010793234
4202	9/4/2019 7:56:30		-122.361	37.715				1895.14795	RS-700	-0.213194279
4203	9/4/2019 7:56:31		-122.361	37.715				1950.28393	RS-700	0.06111408
4204	9/4/2019 7:56:32		-122.361	37.715				1916.6777	RS-700	-0.106081095
4205	9/4/2019 7:56:33		-122.361	37.715				1902.79421	RS-700	-0.175153184
4206	9/4/2019 7:56:34		-122.361	37.715				1923.10617	RS-700	-0.074098657
4207	9/4/2019 7:56:35		-122.361	37.715				1919.49267	RS-700	-0.092076269
4208	9/4/2019 7:56:36		-122.361	37.715				1947.69623	RS-700	0.04823995

Gamma Scan Survey Results
Survey Unit 5 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
4209	9/4/2019 7:56:37		-122.361	37.715				1928.49207	RS-700	-0.047303134
4210	9/4/2019 7:56:38		-122.361	37.715				1855.56594	RS-700	-0.410119701
4211	9/4/2019 7:56:39		-122.361	37.715				1553.62554	RS-700	-1.912310746
4212	9/4/2019 7:56:40		-122.361	37.715				1288.39717	RS-700	-3.231854876
4213	9/4/2019 7:56:41		-122.361	37.715				1031.15328	RS-700	-4.511675224
4214	9/4/2019 7:56:42		-122.361	37.715				1202.18872	RS-700	-3.660752637
4215	9/4/2019 7:56:43		-122.361	37.715				1697.3412	RS-700	-1.197307463
4216	9/4/2019 7:56:44		-122.361	37.715				1779.63483	RS-700	-0.787886418
4217	9/4/2019 7:56:45		-122.361	37.715				1836.02371	RS-700	-0.507344726
4218	9/4/2019 7:56:46		-122.361	37.715				1859.66947	RS-700	-0.389704129
4219	9/4/2019 7:56:47		-122.361	37.715				1736.70429	RS-700	-1.001471194
4220	9/4/2019 7:56:48		-122.361	37.715				1770.62941	RS-700	-0.832689502
4221	9/4/2019 7:56:49		-122.361	37.715				1871.75799	RS-700	-0.329562239
4222	9/4/2019 7:56:50		-122.361	37.715				1780.72257	RS-700	-0.782474776
4223	9/4/2019 7:56:51		-122.361	37.715				1771.80957	RS-700	-0.82681806
4224	9/4/2019 7:56:52		-122.361	37.715				1796.81973	RS-700	-0.702389403
4225	9/4/2019 7:56:53		-122.361	37.715				1904.96808	RS-700	-0.16433791
4226	9/4/2019 7:56:54		-122.361	37.715				1967.69499	RS-700	0.147736269
4227	9/4/2019 7:56:55		-122.361	37.715				1974.80163	RS-700	0.183092687
4228	9/4/2019 7:56:56		-122.361	37.715				1905.48609	RS-700	-0.161760746
4229	9/4/2019 7:56:57		-122.361	37.715				1976.90067	RS-700	0.193535672
4230	9/4/2019 7:56:58		-122.361	37.715				1953.99335	RS-700	0.079568905
4231	9/4/2019 7:56:59		-122.361	37.715				1994.80712	RS-700	0.282622488
4232	9/4/2019 7:57:00		-122.361	37.715				1966.10346	RS-700	0.139818209
4233	9/4/2019 7:57:01		-122.361	37.715				1992.80904	RS-700	0.272681791
4234	9/4/2019 7:57:02		-122.361	37.715				1953.49955	RS-700	0.077112189
4235	9/4/2019 7:57:03		-122.361	37.715				1902.39179	RS-700	-0.177155274
4236	9/4/2019 7:57:04		-122.361	37.715				1898.86805	RS-700	-0.194686318
4237	9/4/2019 7:57:05		-122.361	37.715				1892.57372	RS-700	-0.226001393
4238	9/4/2019 7:57:06		-122.361	37.715				1822.46358	RS-700	-0.57480806
4239	9/4/2019 7:57:07		-122.361	37.715				1851.93835	RS-700	-0.428167413
4240	9/4/2019 7:57:08		-122.361	37.715				1863.37847	RS-700	-0.371251393
4241	9/4/2019 7:57:09		-122.361	37.715				1829.3744	RS-700	-0.540425871
4242	9/4/2019 7:57:10		-122.361	37.715				1884.23721	RS-700	-0.267476567
4243	9/4/2019 7:57:11		-122.361	37.7151				1881.57652	RS-700	-0.280713831
4244	9/4/2019 7:57:12		-122.361	37.7151				1821.73793	RS-700	-0.578418259
4245	9/4/2019 7:57:13		-122.361	37.7151				1880.47973	RS-700	-0.286170498
4246	9/4/2019 7:57:14		-122.361	37.7151				1837.56713	RS-700	-0.49966602
4247	9/4/2019 7:57:15		-122.361	37.7151				1850.75291	RS-700	-0.434065124
4248	9/4/2019 7:57:16		-122.361	37.7151				1862.57446	RS-700	-0.375251443
4249	9/4/2019 7:57:17		-122.361	37.7151				1909.96731	RS-700	-0.139466119
4250	9/4/2019 7:57:18		-122.361	37.7151				1763.27674	RS-700	-0.86926995
4251	9/4/2019 7:57:19		-122.361	37.7151				1820.55738	RS-700	-0.584291642
4252	9/4/2019 7:57:20		-122.361	37.7151				1867.56705	RS-700	-0.350412687
4253	9/4/2019 7:57:21		-122.361	37.7151				1809.37279	RS-700	-0.639936368
4254	9/4/2019 7:57:22		-122.361	37.7151				1861.67274	RS-700	-0.379737612
4255	9/4/2019 7:57:23		-122.361	37.7151				1890.06725	RS-700	-0.238471393
4256	9/4/2019 7:57:24		-122.361	37.7151				1913.4948	RS-700	-0.121916418
4257	9/4/2019 7:57:25		-122.361	37.7151				1906.38972	RS-700	-0.157265075
4258	9/4/2019 7:57:26		-122.361	37.7151				1949.08628	RS-700	0.055155622
4259	9/4/2019 7:57:27		-122.361	37.7151				1940.40295	RS-700	0.011954975
4260	9/4/2019 7:57:28		-122.361	37.7151				1817.83634	RS-700	-0.597829154
4261	9/4/2019 7:57:29		-122.361	37.7151				1859.38879	RS-700	-0.391100547
4262	9/4/2019 7:57:30		-122.361	37.7151				1835.28591	RS-700	-0.511015373
4263	9/4/2019 7:57:31		-122.361	37.7151				1856.66195	RS-700	-0.404666915
4264	9/4/2019 7:57:32		-122.361	37.7151				1952.70058	RS-700	0.073137214
4265	9/4/2019 7:57:33		-122.361	37.7151				1871.94187	RS-700	-0.328647413
4266	9/4/2019 7:57:34		-122.361	37.7151				1910.1596	RS-700	-0.138509453
4267	9/4/2019 7:57:35		-122.361	37.7151				1926.97802	RS-700	-0.054835721
4268	9/4/2019 7:57:36		-122.361	37.7151				2003.71293	RS-700	0.32693
4269	9/4/2019 7:57:37		-122.361	37.7151				1915.45051	RS-700	-0.112186517

Gamma Scan Survey Results
Survey Unit 5 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
4270	9/4/2019 7:57:38		-122.361	37.7151				1965.4897	RS-700	0.136764677
4271	9/4/2019 7:57:39		-122.361	37.7151				1963.50256	RS-700	0.126878408
4272	9/4/2019 7:57:40		-122.361	37.7151				1919.77712	RS-700	-0.090661095
4273	9/4/2019 7:57:41		-122.361	37.7151				1998.41507	RS-700	0.300572488
4274	9/4/2019 7:57:42		-122.361	37.7151				1976.50698	RS-700	0.191577015
4275	9/4/2019 7:57:43		-122.361	37.7151				1881.48617	RS-700	-0.281163333
4276	9/4/2019 7:57:44		-122.361	37.7151				1995.81162	RS-700	0.28762
4277	9/4/2019 7:57:45		-122.361	37.7151				1952.40094	RS-700	0.071646468
4278	9/4/2019 7:57:46		-122.361	37.7151				2002.71745	RS-700	0.321977363
4279	9/4/2019 7:57:47		-122.361	37.7151				1941.69736	RS-700	0.018394826
4280	9/4/2019 7:57:48		-122.361	37.7152				1976.60672	RS-700	0.192073234
4281	9/4/2019 7:57:49		-122.361	37.7152				1881.66686	RS-700	-0.280264378
4282	9/4/2019 7:57:50		-122.361	37.7152				1866.85982	RS-700	-0.353931244
4283	9/4/2019 7:57:51		-122.361	37.7152				1852.4774	RS-700	-0.425485572
4284	9/4/2019 7:57:52		-122.361	37.7152				1810.75412	RS-700	-0.63306408
4285	9/4/2019 7:57:53		-122.361	37.7152				1776.54706	RS-700	-0.803248458
4286	9/4/2019 7:57:54		-122.361	37.7152				1873.39074	RS-700	-0.321439104
4287	9/4/2019 7:57:55		-122.361	37.7152				1779.45675	RS-700	-0.788772388
4288	9/4/2019 7:57:56		-122.361	37.7152				1781.54901	RS-700	-0.778363134
4289	9/4/2019 7:57:57		-122.361	37.7152				1875.48001	RS-700	-0.311044726
4290	9/4/2019 7:57:58		-122.361	37.7152				1894.77016	RS-700	-0.215073831
4291	9/4/2019 7:57:59		-122.361	37.7152				1921.58586	RS-700	-0.081662388
4292	9/4/2019 7:58:00		-122.361	37.7152				1949.89752	RS-700	0.059191642
4293	9/4/2019 7:58:01		-122.361	37.7152				1783.3694	RS-700	-0.769306468
4294	9/4/2019 7:58:02		-122.361	37.7152				1516.34307	RS-700	-2.097795672
4295	9/4/2019 7:58:03		-122.361	37.7152				1135.40178	RS-700	-3.99302597
4296	9/4/2019 7:58:04		-122.361	37.7152				1045.06134	RS-700	-4.442480896
4297	9/4/2019 7:58:05		-122.361	37.7152				1032.11411	RS-700	-4.506894975
4298	9/4/2019 7:58:06		-122.361	37.7152				1084.11515	RS-700	-4.248183333
4299	9/4/2019 7:58:07		-122.361	37.7152				1423.4242	RS-700	-2.560078607
4300	9/4/2019 7:58:08		-122.361	37.7152				1696.43638	RS-700	-1.201809055
4301	9/4/2019 7:58:09		-122.361	37.7152				1820.4576	RS-700	-0.58478806
4302	9/4/2019 7:58:10		-122.361	37.7152				1818.55661	RS-700	-0.594245721
4303	9/4/2019 7:58:11		-122.361	37.7152				1832.64987	RS-700	-0.52413
4304	9/4/2019 7:58:12		-122.361	37.7152				1720.78613	RS-700	-1.08066602
4305	9/4/2019 7:58:13		-122.361	37.7152				1745.7097	RS-700	-0.956668159
4306	9/4/2019 7:58:14		-122.361	37.7152				1729.60686	RS-700	-1.036781791
4307	9/4/2019 7:58:15		-122.361	37.7152				1764.81365	RS-700	-0.861623632
4308	9/4/2019 7:58:16		-122.361	37.7152				1708.35254	RS-700	-1.142524677
4309	9/4/2019 7:58:17		-122.361	37.7152				1671.42899	RS-700	-1.32622393
4310	9/4/2019 7:58:18		-122.361	37.7152				1760.72064	RS-700	-0.881986866
4311	9/4/2019 7:58:19		-122.361	37.7152				1746.44516	RS-700	-0.953009154
4312	9/4/2019 7:58:20		-122.361	37.7152				1845.47161	RS-700	-0.460340249
4313	9/4/2019 7:58:21		-122.361	37.7152				1862.22407	RS-700	-0.376994677
4314	9/4/2019 7:58:22		-122.361	37.7152				1821.56123	RS-700	-0.579297363
4315	9/4/2019 7:58:23		-122.361	37.7152				1816.47098	RS-700	-0.60462199
4316	9/4/2019 7:58:24		-122.361	37.7152				1769.3645	RS-700	-0.838982587
4317	9/4/2019 7:58:25		-122.361	37.7152				1835.74627	RS-700	-0.508725025
4318	9/4/2019 7:58:26		-122.361	37.7153				1847.40227	RS-700	-0.450734975
4319	9/4/2019 7:58:27		-122.361	37.7153				1838.65766	RS-700	-0.494240498
4320	9/4/2019 7:58:28		-122.361	37.7153				1856.56693	RS-700	-0.405139652
4321	9/4/2019 7:58:29		-122.361	37.7153				1819.02113	RS-700	-0.591934677
4322	9/4/2019 7:58:30		-122.361	37.7153				1859.12964	RS-700	-0.392389851
4323	9/4/2019 7:58:31		-122.361	37.7153				1831.01819	RS-700	-0.532247811
4324	9/4/2019 7:58:32		-122.361	37.7153				1759.63121	RS-700	-0.887406915
4325	9/4/2019 7:58:33		-122.361	37.7153				1827.56478	RS-700	-0.549428955
4326	9/4/2019 7:58:34		-122.361	37.7153				1845.65263	RS-700	-0.459439652
4327	9/4/2019 7:58:35		-122.361	37.7153				1818.37046	RS-700	-0.595171841
4328	9/4/2019 7:58:36		-122.361	37.7153				1771.86663	RS-700	-0.826534179
4329	9/4/2019 7:58:37		-122.361	37.7153				1829.83615	RS-700	-0.538128607
4330	9/4/2019 7:58:38		-122.361	37.7153				1831.83912	RS-700	-0.528163582

Gamma Scan Survey Results
Survey Unit 5 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
4331	9/4/2019 7:58:39		-122.361	37.7153				1813.82709	RS-700	-0.617775672
4332	9/4/2019 7:58:40		-122.362	37.7153				1814.55282	RS-700	-0.614165075
4333	9/4/2019 7:58:41		-122.362	37.7153				1798.72956	RS-700	-0.692887761
4334	9/4/2019 7:58:42		-122.362	37.7153				1858.03669	RS-700	-0.397827413
4335	9/4/2019 7:58:43		-122.362	37.7153				1850.8478	RS-700	-0.433593035
4336	9/4/2019 7:58:44		-122.362	37.7153				1814.82791	RS-700	-0.612796468
4337	9/4/2019 7:58:45		-122.362	37.7153				1787.28072	RS-700	-0.749847164
4338	9/4/2019 7:58:46		-122.362	37.7153				1868.86101	RS-700	-0.343975075
4339	9/4/2019 7:58:47		-122.362	37.7153				1921.58917	RS-700	-0.08164592
4340	9/4/2019 7:58:48		-122.362	37.7153				1795.25523	RS-700	-0.710172985
4341	9/4/2019 7:58:49		-122.362	37.7153				1765.71757	RS-700	-0.857126517
4342	9/4/2019 7:58:50		-122.362	37.7153				1839.74789	RS-700	-0.488816468
4343	9/4/2019 7:58:51		-122.362	37.7153				1778.63179	RS-700	-0.792876667
4344	9/4/2019 7:58:52		-122.362	37.7153				1780.08676	RS-700	-0.78563801
4345	9/4/2019 7:58:53		-122.362	37.7153				1771.18464	RS-700	-0.829927164
4346	9/4/2019 7:58:54		-122.362	37.7153				1815.82333	RS-700	-0.607844129
4347	9/4/2019 7:58:55		-122.362	37.7153				1787.27945	RS-700	-0.749853483
4348	9/4/2019 7:58:56		-122.362	37.7153				1783.63576	RS-700	-0.767981294
4349	9/4/2019 7:58:57		-122.362	37.7153				1919.87969	RS-700	-0.090150796
4350	9/4/2019 7:58:58		-122.362	37.7153				1846.21662	RS-700	-0.456633731
4351	9/4/2019 7:58:59		-122.362	37.7153				1865.57143	RS-700	-0.360341144
4352	9/4/2019 7:59:00		-122.362	37.7153				1783.82082	RS-700	-0.767060597
4353	9/4/2019 7:59:01		-122.362	37.7153				1956.08557	RS-700	0.08997796
4354	9/4/2019 7:59:02		-122.362	37.7153				1859.03412	RS-700	-0.392865075
4355	9/4/2019 7:59:03		-122.362	37.7154				1853.38178	RS-700	-0.420986169
4356	9/4/2019 7:59:04		-122.362	37.7154				1945.18312	RS-700	0.035736915
4357	9/4/2019 7:59:05		-122.362	37.7154				1884.38632	RS-700	-0.266734726
4358	9/4/2019 7:59:06		-122.362	37.7154				1939.58552	RS-700	0.007888159
4359	9/4/2019 7:59:07		-122.362	37.7154				1840.6481	RS-700	-0.484337811
4360	9/4/2019 7:59:08		-122.362	37.7154				1910.6687	RS-700	-0.135976617
4361	9/4/2019 7:59:09		-122.362	37.7154				1906.39706	RS-700	-0.157228557
4362	9/4/2019 7:59:10		-122.362	37.7154				1905.58674	RS-700	-0.16126
4363	9/4/2019 7:59:10		-122.362	37.7154				1750.71041	RS-700	-0.931789005
4364	9/4/2019 7:59:12		-122.362	37.7154				1857.29165	RS-700	-0.40153408
4365	9/4/2019 7:59:13		-122.362	37.7154				1904.67559	RS-700	-0.165793085
4366	9/4/2019 7:59:14		-122.362	37.7154				1878.57922	RS-700	-0.295625771
4367	9/4/2019 7:59:15		-122.362	37.7154				1937.97361	RS-700	-0.000131294
4368	9/4/2019 7:59:16		-122.362	37.7154				1900.77403	RS-700	-0.185203831
4369	9/4/2019 7:59:17		-122.362	37.7154				1900.68966	RS-700	-0.185623582
4370	9/4/2019 7:59:18		-122.362	37.7154				1846.28861	RS-700	-0.456275572
4371	9/4/2019 7:59:19		-122.362	37.7154				1960.90909	RS-700	0.113975572
4372	9/4/2019 7:59:20		-122.362	37.7154				1979.31216	RS-700	0.205533134
4373	9/4/2019 7:59:21		-122.362	37.7154				1960.09486	RS-700	0.109924677
4374	9/4/2019 7:59:22		-122.362	37.7154				1944.51078	RS-700	0.03239194
4375	9/4/2019 7:59:23		-122.362	37.7154				1958.91901	RS-700	0.104074677
4376	9/4/2019 7:59:24		-122.362	37.7154				1882.86521	RS-700	-0.274302438
4377	9/4/2019 7:59:25		-122.362	37.7154				1931.58766	RS-700	-0.031902189
4378	9/4/2019 7:59:26		-122.362	37.7154				1920.8774	RS-700	-0.085187065
4379	9/4/2019 7:59:27		-122.362	37.7154				2004.61167	RS-700	0.331401343
4380	9/4/2019 7:59:28		-122.362	37.7154				1878.3294	RS-700	-0.296868657
4381	9/4/2019 7:59:29		-122.362	37.7154				1902.48909	RS-700	-0.176671194
4382	9/4/2019 7:59:30		-122.362	37.7154				2005.11297	RS-700	0.333895373
4383	9/4/2019 7:59:31		-122.362	37.7154				1987.90773	RS-700	0.248297164
4384	9/4/2019 7:59:32		-122.362	37.7154				1942.496	RS-700	0.022368159
4385	9/4/2019 7:59:33		-122.362	37.7154				1952.99062	RS-700	0.074580199
4386	9/4/2019 7:59:34		-122.362	37.7154				1886.48356	RS-700	-0.256300697
4387	9/4/2019 7:59:35		-122.362	37.7154				1903.28936	RS-700	-0.172689751
4388	9/4/2019 7:59:36		-122.362	37.7154				2003.11333	RS-700	0.323946915
4389	9/4/2019 7:59:37		-122.362	37.7154				1946.69531	RS-700	0.043260249
4390	9/4/2019 7:59:38		-122.362	37.7154				1889.57938	RS-700	-0.240898607
4391	9/4/2019 7:59:39		-122.362	37.7154				1907.68388	RS-700	-0.150826468

Gamma Scan Survey Results
Survey Unit 5 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
4392	9/4/2019 7:59:40		-122.362	37.7154				1987.79056	RS-700	0.247714229
4393	9/4/2019 7:59:41		-122.362	37.7155				1893.94056	RS-700	-0.219201194
4394	9/4/2019 7:59:42		-122.362	37.7155				1824.5516	RS-700	-0.5644199
4395	9/4/2019 7:59:43		-122.362	37.7155				1892.67291	RS-700	-0.22550791
4396	9/4/2019 7:59:44		-122.362	37.7155				1949.95496	RS-700	0.059477413
4397	9/4/2019 7:59:45		-122.362	37.7155				1834.19312	RS-700	-0.516452139
4398	9/4/2019 7:59:46		-122.362	37.7155				1870.74773	RS-700	-0.334588408
4399	9/4/2019 7:59:47		-122.362	37.7155				1973.00515	RS-700	0.174154975
4400	9/4/2019 7:59:48		-122.362	37.7155				1844.6498	RS-700	-0.464428856
4401	9/4/2019 7:59:49		-122.362	37.7155				1817.37328	RS-700	-0.600132935
4402	9/4/2019 7:59:50		-122.362	37.7155				1923.15833	RS-700	-0.073839154
4403	9/4/2019 7:59:51		-122.362	37.7155				1811.46651	RS-700	-0.629519851
4404	9/4/2019 7:59:52		-122.362	37.7155				1888.33612	RS-700	-0.24708398
4405	9/4/2019 7:59:53		-122.362	37.7155				1820.18821	RS-700	-0.586128308
4406	9/4/2019 7:59:54		-122.362	37.7155				1939.45754	RS-700	0.007251443
4407	9/4/2019 7:59:55		-122.362	37.7155				1864.55241	RS-700	-0.365410896
4408	9/4/2019 7:59:56		-122.362	37.7155				1823.4671	RS-700	-0.569815423
4409	9/4/2019 7:59:57		-122.362	37.7155				1881.39389	RS-700	-0.281622438
4410	9/4/2019 7:59:58		-122.362	37.7155				1900.15241	RS-700	-0.188296468
4411	9/4/2019 7:59:59		-122.362	37.7155				1872.38685	RS-700	-0.326433582
4412	9/4/2019 8:00:00		-122.362	37.7155				1857.84892	RS-700	-0.398761592
4413	9/4/2019 8:00:01		-122.362	37.7155				1824.75206	RS-700	-0.563422587
4414	9/4/2019 8:00:02		-122.362	37.7155				1933.77893	RS-700	-0.021000348
4415	9/4/2019 8:00:03		-122.362	37.7155				1787.18806	RS-700	-0.750308159
4416	9/4/2019 8:00:04		-122.362	37.7155				1853.75265	RS-700	-0.419141045
4417	9/4/2019 8:00:05		-122.362	37.7155				1830.19204	RS-700	-0.53635801
4418	9/4/2019 8:00:06		-122.362	37.7155				1828.6493	RS-700	-0.544033333
4419	9/4/2019 8:00:07		-122.362	37.7155				1842.56685	RS-700	-0.474791791
4420	9/4/2019 8:00:08		-122.362	37.7155				1937.49464	RS-700	-0.002514229
4421	9/4/2019 8:00:09		-122.362	37.7155				1848.65975	RS-700	-0.444478856
4422	9/4/2019 8:00:10		-122.362	37.7155				1877.95153	RS-700	-0.298748607
4423	9/4/2019 8:00:11		-122.362	37.7155				1894.67511	RS-700	-0.215546716
4424	9/4/2019 8:00:12		-122.362	37.7155				1942.71924	RS-700	0.023478806
4425	9/4/2019 8:00:13		-122.362	37.7155				1846.567	RS-700	-0.454890547
4426	9/4/2019 8:00:14		-122.362	37.7155				1827.6477	RS-700	-0.549016418
4427	9/4/2019 8:00:15		-122.362	37.7155				1860.94187	RS-700	-0.383373781
4428	9/4/2019 8:00:16		-122.362	37.7155				1879.75607	RS-700	-0.289770796
4429	9/4/2019 8:00:17		-122.362	37.7155				1908.06805	RS-700	-0.148915174
4430	9/4/2019 8:00:18		-122.362	37.7155				1898.48967	RS-700	-0.196568806
4431	9/4/2019 8:00:19		-122.362	37.7155				1914.78024	RS-700	-0.115521194
4432	9/4/2019 8:00:20		-122.362	37.7155				1873.19777	RS-700	-0.322399154
4433	9/4/2019 8:00:21		-122.362	37.7155				1938.48531	RS-700	0.002414478
4434	9/4/2019 8:00:22		-122.362	37.7155				1864.66706	RS-700	-0.364840498
4435	9/4/2019 8:00:23		-122.362	37.7155				1798.46314	RS-700	-0.694213234
4436	9/4/2019 8:00:24		-122.362	37.7155				1824.46821	RS-700	-0.564834776
4437	9/4/2019 8:00:25		-122.362	37.7155				1886.95416	RS-700	-0.253959403
4438	9/4/2019 8:00:26		-122.362	37.7155				1818.83674	RS-700	-0.59285204
4439	9/4/2019 8:00:27		-122.362	37.7155				1782.80987	RS-700	-0.772090199
4440	9/4/2019 8:00:28		-122.362	37.7155				1846.74865	RS-700	-0.453986816
4441	9/4/2019 8:00:29		-122.362	37.7155				1896.58324	RS-700	-0.206053532
4442	9/4/2019 8:00:30		-122.362	37.7155				1873.66817	RS-700	-0.320058856
4443	9/4/2019 8:00:31		-122.362	37.7155				1941.59587	RS-700	0.0178899
4444	9/4/2019 8:00:32		-122.362	37.7155				1843.56544	RS-700	-0.469823682
4445	9/4/2019 8:00:33		-122.362	37.7155				1838.65183	RS-700	-0.494269502
4446	9/4/2019 8:00:34		-122.362	37.7155				1926.69193	RS-700	-0.056259055
4447	9/4/2019 8:00:35		-122.362	37.7155				1832.46955	RS-700	-0.525027114
4448	9/4/2019 8:00:36		-122.362	37.7155				1875.85774	RS-700	-0.309165473
4449	9/4/2019 8:00:37		-122.362	37.7155				1871.75631	RS-700	-0.329570597
4450	9/4/2019 8:00:38		-122.362	37.7155				1873.95653	RS-700	-0.318624229
4451	9/4/2019 8:00:39		-122.362	37.7155				1906.87219	RS-700	-0.154864726
4452	9/4/2019 8:00:40		-122.362	37.7155				1825.65194	RS-700	-0.558945572

Gamma Scan Survey Results
Survey Unit 5 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
4453	9/4/2019 8:00:41		-122.362	37.7155				1804.64518	RS-700	-0.663456816
4454	9/4/2019 8:00:42		-122.362	37.7155				1891.29412	RS-700	-0.232367562
4455	9/4/2019 8:00:43		-122.362	37.7155				1927.14262	RS-700	-0.054016816
4456	9/4/2019 8:00:44		-122.362	37.7155				1810.64571	RS-700	-0.633603433
4457	9/4/2019 8:00:45		-122.362	37.7155				1831.46934	RS-700	-0.530003284
4458	9/4/2019 8:00:46		-122.362	37.7155				1857.48121	RS-700	-0.400590995
4459	9/4/2019 8:00:47		-122.362	37.7155				1942.37143	RS-700	0.021748408
4460	9/4/2019 8:00:48		-122.362	37.7155				1814.11633	RS-700	-0.616336667
4461	9/4/2019 8:00:49		-122.362	37.7155				1921.77858	RS-700	-0.080703582
4462	9/4/2019 8:00:50		-122.362	37.7155				1911.19847	RS-700	-0.133340945
4463	9/4/2019 8:00:51		-122.362	37.7155				1793.27576	RS-700	-0.720021095
4464	9/4/2019 8:00:52		-122.362	37.7155				1829.37993	RS-700	-0.540398358
4465	9/4/2019 8:00:53		-122.362	37.7155				1896.77123	RS-700	-0.205118259
4466	9/4/2019 8:00:54		-122.362	37.7155				1772.72073	RS-700	-0.822284925
4467	9/4/2019 8:00:55		-122.362	37.7155				1907.874	RS-700	-0.149880597
4468	9/4/2019 8:00:56		-122.362	37.7155				1852.65946	RS-700	-0.424579801
4469	9/4/2019 8:00:57		-122.362	37.7155				1853.84811	RS-700	-0.418666119
4470	9/4/2019 8:00:58		-122.362	37.7155				1876.66621	RS-700	-0.305143234
4471	9/4/2019 8:00:59		-122.362	37.7155				1853.03039	RS-700	-0.422734378
4472	9/4/2019 8:01:00		-122.362	37.7155				1881.39591	RS-700	-0.281612388
4473	9/4/2019 8:01:01		-122.362	37.7155				1994.99939	RS-700	0.283579055
4474	9/4/2019 8:01:02		-122.362	37.7155				1820.28432	RS-700	-0.585650149
4475	9/4/2019 8:01:03		-122.362	37.7155				1925.59193	RS-700	-0.061731692
4476	9/4/2019 8:01:04		-122.362	37.7155				1874.68109	RS-700	-0.315019453
4477	9/4/2019 8:01:05		-122.362	37.7155				1921.77943	RS-700	-0.080699353
4478	9/4/2019 8:01:06		-122.362	37.7155				1910.68029	RS-700	-0.135918955
4479	9/4/2019 8:01:07		-122.362	37.7155				1880.04434	RS-700	-0.288336617
4480	9/4/2019 8:01:08		-122.362	37.7155				1764.51413	RS-700	-0.863113781
4481	9/4/2019 8:01:09		-122.362	37.7155				1872.48041	RS-700	-0.325968109
4482	9/4/2019 8:01:10		-122.362	37.7155				1994.0093	RS-700	0.278653234
4483	9/4/2019 8:01:11		-122.362	37.7155				1878.19829	RS-700	-0.297520945
4484	9/4/2019 8:01:12		-122.362	37.7155				1827.56093	RS-700	-0.549448109
4485	9/4/2019 8:01:13		-122.362	37.7155				1855.47407	RS-700	-0.410576766
4486	9/4/2019 8:01:14		-122.362	37.7155				1812.27933	RS-700	-0.62547597
4487	9/4/2019 8:01:15		-122.362	37.7155				1798.73201	RS-700	-0.692875572
4488	9/4/2019 8:01:16		-122.362	37.7155				1830.84074	RS-700	-0.533130647
4489	9/4/2019 8:01:17		-122.362	37.7155				1904.19848	RS-700	-0.168166766
4490	9/4/2019 8:01:18		-122.362	37.7155				1838.47487	RS-700	-0.4951499
4491	9/4/2019 8:01:19		-122.362	37.7155				1871.85757	RS-700	-0.329066816
4492	9/4/2019 8:01:20		-122.362	37.7155				1836.93134	RS-700	-0.502829154
4493	9/4/2019 8:01:21		-122.362	37.7155				1890.2918	RS-700	-0.237354229
4494	9/4/2019 8:01:22		-122.362	37.7155				1828.83351	RS-700	-0.543116866
4495	9/4/2019 8:01:23		-122.362	37.7155				1908.77424	RS-700	-0.145401791
4496	9/4/2019 8:01:24		-122.362	37.7155				1933.39832	RS-700	-0.02289393
4497	9/4/2019 8:01:25		-122.362	37.7155				1880.67061	RS-700	-0.285220846
4498	9/4/2019 8:01:26		-122.362	37.7155				1902.88421	RS-700	-0.174705423
4499	9/4/2019 8:01:27		-122.362	37.7155				1909.58492	RS-700	-0.141368557
4500	9/4/2019 8:01:28		-122.362	37.7155				1855.58856	RS-700	-0.410007164
4501	9/4/2019 8:01:29		-122.362	37.7155				1925.60143	RS-700	-0.061684428
4502	9/4/2019 8:01:30		-122.362	37.7155				1843.73921	RS-700	-0.468959154
4503	9/4/2019 8:01:31		-122.362	37.7155				1851.28879	RS-700	-0.431399055
4504	9/4/2019 8:01:32		-122.362	37.7155				1936.17585	RS-700	-0.009075373
4505	9/4/2019 8:01:33		-122.362	37.7155				1915.58022	RS-700	-0.111541194
4506	9/4/2019 8:01:34		-122.362	37.7155				1857.84647	RS-700	-0.398773781
4507	9/4/2019 8:01:35		-122.362	37.7155				1929.49526	RS-700	-0.042312139
4508	9/4/2019 8:01:36		-122.362	37.7155				1891.67568	RS-700	-0.230469254
4509	9/4/2019 8:01:37		-122.362	37.7155				1844.38079	RS-700	-0.465767214
4510	9/4/2019 8:01:38		-122.362	37.7155				1964.70492	RS-700	0.132860299
4511	9/4/2019 8:01:39		-122.362	37.7155				1889.76799	RS-700	-0.239960249
4512	9/4/2019 8:01:40		-122.362	37.7155				1895.98803	RS-700	-0.209014776
4513	9/4/2019 8:01:41		-122.362	37.7155				1887.85761	RS-700	-0.249464627

Gamma Scan Survey Results
Survey Unit 5 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
4514	9/4/2019 8:01:42		-122.362	37.7155				1851.56921	RS-700	-0.43000393
4515	9/4/2019 8:01:43		-122.362	37.7155				1908.67615	RS-700	-0.145889801
4516	9/4/2019 8:01:44		-122.362	37.7155				1878.12728	RS-700	-0.297874229
4517	9/4/2019 8:01:45		-122.362	37.7155				1871.6703	RS-700	-0.329998507
4518	9/4/2019 8:01:46		-122.362	37.7155				1826.74521	RS-700	-0.553506418
4519	9/4/2019 8:01:47		-122.362	37.7155				1776.89724	RS-700	-0.801506269
4520	9/4/2019 8:01:48		-122.362	37.7155				1804.73426	RS-700	-0.663013632
4521	9/4/2019 8:01:49		-122.362	37.7155				1844.37993	RS-700	-0.465771493
4522	9/4/2019 8:01:50		-122.362	37.7155				1876.58567	RS-700	-0.30554393
4523	9/4/2019 8:01:51		-122.362	37.7155				1973.69631	RS-700	0.177593582
4524	9/4/2019 8:01:52		-122.362	37.7155				1947.88698	RS-700	0.049188955
4525	9/4/2019 8:01:53		-122.362	37.7155				1819.64467	RS-700	-0.588832488
4526	9/4/2019 8:01:54		-122.362	37.7155				1834.573	RS-700	-0.514562189
4527	9/4/2019 8:01:55		-122.362	37.7155				1876.67174	RS-700	-0.305115721
4528	9/4/2019 8:01:56		-122.362	37.7155				1824.4664	RS-700	-0.564843781
4529	9/4/2019 8:01:57		-122.362	37.7155				1836.46409	RS-700	-0.505153781
4530	9/4/2019 8:01:58		-122.362	37.7155				1890.67093	RS-700	-0.23546801
4531	9/4/2019 8:01:59		-122.362	37.7155				1787.45489	RS-700	-0.748980647
4532	9/4/2019 8:02:00		-122.362	37.7155				1859.37753	RS-700	-0.391156567
4533	9/4/2019 8:02:01		-122.362	37.7155				1788.45819	RS-700	-0.743989104
4534	9/4/2019 8:02:02		-122.362	37.7155				1848.95582	RS-700	-0.443005871
4535	9/4/2019 8:02:03		-122.362	37.7155				1863.94357	RS-700	-0.36843995
4536	9/4/2019 8:02:04		-122.362	37.7155				1875.31032	RS-700	-0.311888955
4537	9/4/2019 8:02:05		-122.362	37.7155				1806.73037	RS-700	-0.653082736
4538	9/4/2019 8:02:06		-122.362	37.7155				1888.28928	RS-700	-0.247317015
4539	9/4/2019 8:02:07		-122.362	37.7155				1861.57803	RS-700	-0.380208806
4540	9/4/2019 8:02:08		-122.362	37.7155				1795.55104	RS-700	-0.708701294
4541	9/4/2019 8:02:09		-122.362	37.7155				1930.58035	RS-700	-0.036913682
4542	9/4/2019 8:02:10		-122.362	37.7155				1856.56958	RS-700	-0.405126468
4543	9/4/2019 8:02:11		-122.362	37.7155				1841.30874	RS-700	-0.481051045
4544	9/4/2019 8:02:12		-122.362	37.7155				1866.76895	RS-700	-0.354383333
4545	9/4/2019 8:02:13		-122.362	37.7155				1859.66131	RS-700	-0.389744726
4546	9/4/2019 8:02:14		-122.362	37.7155				1903.77542	RS-700	-0.170271542
4547	9/4/2019 8:02:15		-122.362	37.7155				1847.13313	RS-700	-0.45207398
4548	9/4/2019 8:02:16		-122.362	37.7155				1830.46966	RS-700	-0.534976816
4549	9/4/2019 8:02:17		-122.362	37.7155				1774.07344	RS-700	-0.815555025
4550	9/4/2019 8:02:18		-122.362	37.7155				1805.91479	RS-700	-0.657140348
4551	9/4/2019 8:02:19		-122.362	37.7155				1883.42015	RS-700	-0.271541542
4552	9/4/2019 8:02:20		-122.362	37.7155				1856.57098	RS-700	-0.405119502
4553	9/4/2019 8:02:21		-122.362	37.7155				1811.73537	RS-700	-0.628182239
4554	9/4/2019 8:02:22		-122.362	37.7155				1917.58816	RS-700	-0.101551443
4555	9/4/2019 8:02:23		-122.362	37.7155				1933.68985	RS-700	-0.021443532
4556	9/4/2019 8:02:24		-122.362	37.7155				1947.89075	RS-700	0.049207711
4557	9/4/2019 8:02:25		-122.362	37.7155				1860.84389	RS-700	-0.383861244
4558	9/4/2019 8:02:26		-122.362	37.7155				1852.93789	RS-700	-0.423194577
4559	9/4/2019 8:02:27		-122.362	37.7155				1914.58512	RS-700	-0.11649194
4560	9/4/2019 8:02:28		-122.362	37.7155				1801.19461	RS-700	-0.680623831
4561	9/4/2019 8:02:29		-122.362	37.7155				1826.65384	RS-700	-0.553960995
4562	9/4/2019 8:02:30		-122.362	37.7155				1855.94091	RS-700	-0.408254179
4563	9/4/2019 8:02:31		-122.362	37.7155				1822.64886	RS-700	-0.573886269
4564	9/4/2019 8:02:32		-122.362	37.7155				1857.85527	RS-700	-0.39873
4565	9/4/2019 8:02:33		-122.362	37.7155				1866.56464	RS-700	-0.355399801
4566	9/4/2019 8:02:34		-122.362	37.7155				1867.86724	RS-700	-0.348919204
4567	9/4/2019 8:02:35		-122.362	37.7155				1876.37757	RS-700	-0.306579254
4568	9/4/2019 8:02:36		-122.362	37.7155				1924.38988	RS-700	-0.06771204
4569	9/4/2019 8:02:37		-122.362	37.7155				1887.86681	RS-700	-0.249418856
4570	9/4/2019 8:02:38		-122.362	37.7155				1782.73117	RS-700	-0.772481741
4571	9/4/2019 8:02:39		-122.362	37.7155				1831.74473	RS-700	-0.528633184
4572	9/4/2019 8:02:40		-122.362	37.7155				1847.66181	RS-700	-0.449443731
4573	9/4/2019 8:02:41		-122.362	37.7155				1827.64988	RS-700	-0.549005572
4574	9/4/2019 8:02:42		-122.362	37.7155				1838.56427	RS-700	-0.494705124

Gamma Scan Survey Results
Survey Unit 5 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
4575	9/4/2019 8:02:43		-122.362	37.7155				1911.96167	RS-700	-0.12954393
4576	9/4/2019 8:02:44		-122.362	37.7155				1832.56736	RS-700	-0.524540498
4577	9/4/2019 8:02:45		-122.362	37.7155				1820.00849	RS-700	-0.587022438
4578	9/4/2019 8:02:46		-122.362	37.7155				1884.50076	RS-700	-0.266165373
4579	9/4/2019 8:02:47		-122.362	37.7155				1917.58737	RS-700	-0.101555373
4580	9/4/2019 8:02:48		-122.362	37.7155				1797.80718	RS-700	-0.697476716
4581	9/4/2019 8:02:49		-122.362	37.7155				1927.39504	RS-700	-0.052760995
4582	9/4/2019 8:02:50		-122.362	37.7155				1870.0419	RS-700	-0.3381
4583	9/4/2019 8:02:51		-122.362	37.7155				1864.03639	RS-700	-0.367978159
4584	9/4/2019 8:02:52		-122.362	37.7155				1828.92561	RS-700	-0.542658657
4585	9/4/2019 8:02:53		-122.362	37.7155				1922.68587	RS-700	-0.076189701
4586	9/4/2019 8:02:54		-122.362	37.7155				1784.63324	RS-700	-0.763018706
4587	9/4/2019 8:02:55		-122.362	37.7155				1810.27834	RS-700	-0.635431144
4588	9/4/2019 8:02:56		-122.362	37.7155				1893.75943	RS-700	-0.220102338
4589	9/4/2019 8:02:57		-122.362	37.7155				1883.3726	RS-700	-0.271778109
4590	9/4/2019 8:02:58		-122.362	37.7155				1818.5571	RS-700	-0.594243284
4591	9/4/2019 8:02:59		-122.362	37.7155				1831.745	RS-700	-0.528631841
4592	9/4/2019 8:03:00		-122.362	37.7155				1864.67565	RS-700	-0.364797761
4593	9/4/2019 8:03:01		-122.362	37.7155				1876.66429	RS-700	-0.305152786
4594	9/4/2019 8:03:02		-122.362	37.7155				1850.76294	RS-700	-0.434015224
4595	9/4/2019 8:03:03		-122.362	37.7155				1876.38524	RS-700	-0.306541095
4596	9/4/2019 8:03:04		-122.362	37.7155				1840.55726	RS-700	-0.484789751
4597	9/4/2019 8:03:05		-122.362	37.7155				1874.9492	RS-700	-0.313685572
4598	9/4/2019 8:03:06		-122.362	37.7155				1827.56141	RS-700	-0.549445721
4599	9/4/2019 8:03:07		-122.362	37.7155				1941.29877	RS-700	0.016411791
4600	9/4/2019 8:03:08		-122.362	37.7155				1906.58519	RS-700	-0.156292587
4601	9/4/2019 8:03:09		-122.362	37.7155				1860.6521	RS-700	-0.384815423
4602	9/4/2019 8:03:10		-122.362	37.7155				1851.76363	RS-700	-0.429036667
4603	9/4/2019 8:03:11		-122.362	37.7155				1844.47257	RS-700	-0.465310597
4604	9/4/2019 8:03:12		-122.362	37.7155				1887.49382	RS-700	-0.251274527
4605	9/4/2019 8:03:13		-122.362	37.7155				1898.20117	RS-700	-0.198004129
4606	9/4/2019 8:03:14		-122.362	37.7155				1929.39973	RS-700	-0.042787413
4607	9/4/2019 8:03:15		-122.362	37.7155				1855.3651	RS-700	-0.411118905
4608	9/4/2019 8:03:16		-122.362	37.7155				1841.74932	RS-700	-0.478859104
4609	9/4/2019 8:03:17		-122.362	37.7155				1860.47716	RS-700	-0.385685771
4610	9/4/2019 8:03:18		-122.362	37.7155				1885.57974	RS-700	-0.260797313
4611	9/4/2019 8:03:19		-122.362	37.7155				1877.76109	RS-700	-0.29969607
4612	9/4/2019 8:03:20		-122.362	37.7155				1878.67149	RS-700	-0.295166716
4613	9/4/2019 8:03:21		-122.362	37.7155				1821.46524	RS-700	-0.579774925
4614	9/4/2019 8:03:22		-122.362	37.7155				1854.66292	RS-700	-0.414612338
4615	9/4/2019 8:03:23		-122.362	37.7155				1810.18263	RS-700	-0.635907313
4616	9/4/2019 8:03:24		-122.362	37.7155				1908.84879	RS-700	-0.145030896
4617	9/4/2019 8:03:25		-122.362	37.7155				1885.57697	RS-700	-0.260811095
4618	9/4/2019 8:03:26		-122.362	37.7155				1843.13477	RS-700	-0.471966318
4619	9/4/2019 8:03:27		-122.362	37.7155				1891.77115	RS-700	-0.229994279
4620	9/4/2019 8:03:28		-122.362	37.7155				1836.85529	RS-700	-0.503207512
4621	9/4/2019 8:03:29		-122.362	37.7155				1851.66156	RS-700	-0.429544478
4622	9/4/2019 8:03:30		-122.362	37.7155				1833.01482	RS-700	-0.522314328
4623	9/4/2019 8:03:31		-122.362	37.7155				1790.54792	RS-700	-0.733592438
4624	9/4/2019 8:03:32		-122.362	37.7155				1809.10578	RS-700	-0.641264776
4625	9/4/2019 8:03:33		-122.362	37.7155				1846.84147	RS-700	-0.453525025
4626	9/4/2019 8:03:34		-122.362	37.7155				1612.49505	RS-700	-1.619427612
4627	9/4/2019 8:03:35		-122.362	37.7155				1057.32338	RS-700	-4.381475721
4628	9/4/2019 8:03:36		-122.362	37.7155				896.13068	RS-700	-5.183429453
4629	9/4/2019 8:03:37		-122.362	37.7155				847.08872	RS-700	-5.427419303
4630	9/4/2019 8:03:38		-122.362	37.7155				827.28901	RS-700	-5.525925323
4631	9/4/2019 8:03:39		-122.362	37.7155				880.11116	RS-700	-5.263128557
4632	9/4/2019 8:03:40		-122.362	37.7155				1030.10975	RS-700	-4.516866915
4633	9/4/2019 8:03:41		-122.362	37.7155				1758.71905	RS-700	-0.891945025
4634	9/4/2019 8:03:42		-122.362	37.7155				1848.55745	RS-700	-0.444987811
4635	9/4/2019 8:03:43		-122.362	37.7155				1749.44957	RS-700	-0.938061841

Gamma Scan Survey Results
Survey Unit 5 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
4636	9/4/2019 8:03:44		-122.362	37.7155				1837.47206	RS-700	-0.500139005
4637	9/4/2019 8:03:45		-122.362	37.7155				1971.80945	RS-700	0.168206219
4638	9/4/2019 8:03:46		-122.362	37.7155				1915.97279	RS-700	-0.109588109
4639	9/4/2019 8:03:47		-122.362	37.7155				1866.47613	RS-700	-0.355840149
4640	9/4/2019 8:03:48		-122.362	37.7155				1863.7592	RS-700	-0.369357214
4641	9/4/2019 8:03:49		-122.362	37.7155				1905.68581	RS-700	-0.160767114
4642	9/4/2019 8:03:50		-122.362	37.7155				1941.29868	RS-700	0.016411343
4643	9/4/2019 8:03:51		-122.362	37.7155				1969.60695	RS-700	0.157248507
4644	9/4/2019 8:03:52		-122.362	37.7155				1969.30939	RS-700	0.155768109
4645	9/4/2019 8:03:53		-122.362	37.7155				1960.30326	RS-700	0.110961493
4646	9/4/2019 8:03:54		-122.362	37.7155				1940.49779	RS-700	0.012426816
4647	9/4/2019 8:03:55		-122.362	37.7155				2042.52325	RS-700	0.520016169
4648	9/4/2019 8:03:56		-122.362	37.7155				1990.92592	RS-700	0.263313035
4649	9/4/2019 8:03:57		-122.362	37.7155				1970.52293	RS-700	0.161805622
4650	9/4/2019 8:03:58		-122.362	37.7155				1981.50564	RS-700	0.21644597
4651	9/4/2019 8:03:59		-122.362	37.7155				1999.71523	RS-700	0.307040945
4652	9/4/2019 8:04:00		-122.362	37.7155				1845.74832	RS-700	-0.458963582
4653	9/4/2019 8:04:01		-122.362	37.7155				1981.71105	RS-700	0.21746791
4654	9/4/2019 8:04:02		-122.362	37.7155				2003.62089	RS-700	0.32647209
4655	9/4/2019 8:04:03		-122.362	37.7155				1930.88388	RS-700	-0.035403582
4656	9/4/2019 8:04:04		-122.362	37.7155				1820.46327	RS-700	-0.584759851
4657	9/4/2019 8:04:05		-122.362	37.7155				2022.51277	RS-700	0.420461542
4658	9/4/2019 8:04:06		-122.362	37.7155				1904.68837	RS-700	-0.165729502
4659	9/4/2019 8:04:07		-122.362	37.7155				1935.7869	RS-700	-0.011010448
4660	9/4/2019 8:04:08		-122.362	37.7156				1837.66065	RS-700	-0.499200746
4661	9/4/2019 8:04:09		-122.362	37.7156				1604.48055	RS-700	-1.659300746
4662	9/4/2019 8:04:10		-122.362	37.7156				1681.76544	RS-700	-1.274798806
4663	9/4/2019 8:04:11		-122.362	37.7156				1890.48464	RS-700	-0.236394826
4664	9/4/2019 8:04:12		-122.362	37.7156				1905.3999	RS-700	-0.162189552
4665	9/4/2019 8:04:13		-122.362	37.7156				1939.49656	RS-700	0.007445572
4666	9/4/2019 8:04:14		-122.362	37.7156				1909.86727	RS-700	-0.139963831
4667	9/4/2019 8:04:15		-122.362	37.7156				1993.01435	RS-700	0.273703234
4668	9/4/2019 8:04:16		-122.362	37.7156				2038.03311	RS-700	0.497677164
4669	9/4/2019 8:04:17		-122.362	37.7156				1918.58168	RS-700	-0.096608557
4670	9/4/2019 8:04:18		-122.362	37.7156				1936.68938	RS-700	-0.006520498
4671	9/4/2019 8:04:19		-122.362	37.7156				1923.20356	RS-700	-0.073614129
4672	9/4/2019 8:04:20		-122.362	37.7156				1875.38753	RS-700	-0.311504826
4673	9/4/2019 8:04:21		-122.362	37.7156				1895.77128	RS-700	-0.210093134
4674	9/4/2019 8:04:22		-122.362	37.7156				1860.82855	RS-700	-0.383937562
4675	9/4/2019 8:04:23		-122.362	37.7156				1864.67159	RS-700	-0.36481796
4676	9/4/2019 8:04:24		-122.362	37.7156				1834.46866	RS-700	-0.515081294
4677	9/4/2019 8:04:25		-122.362	37.7156				1896.96088	RS-700	-0.204174726
4678	9/4/2019 8:04:26		-122.362	37.7156				1920.68673	RS-700	-0.086135672
4679	9/4/2019 8:04:27		-122.362	37.7156				1912.57415	RS-700	-0.126496766
4680	9/4/2019 8:04:28		-122.362	37.7156				1891.78264	RS-700	-0.229937114
4681	9/4/2019 8:04:29		-122.362	37.7156				1818.09195	RS-700	-0.596557463
4682	9/4/2019 8:04:30		-122.362	37.7156				2066.53251	RS-700	0.639465224
4683	9/4/2019 8:04:31		-122.362	37.7156				1974.07945	RS-700	0.179499751
4684	9/4/2019 8:04:32		-122.362	37.7156				2124.76676	RS-700	0.929187861
4685	9/4/2019 8:04:33		-122.362	37.7156				2119.55229	RS-700	0.903245224
4686	9/4/2019 8:04:34		-122.362	37.7156				2204.89549	RS-700	1.327838259
4687	9/4/2019 8:04:35		-122.362	37.7156				2230.01618	RS-700	1.452816816
4688	9/4/2019 8:04:36		-122.362	37.7156				2185.34614	RS-700	1.230577811
4689	9/4/2019 8:04:37		-122.362	37.7156				2271.92644	RS-700	1.661325572
4690	9/4/2019 8:04:38		-122.362	37.7156				2149.87329	RS-700	1.05409597
4691	9/4/2019 8:04:39		-122.362	37.7156				2145.66075	RS-700	1.03313806
4692	9/4/2019 8:04:40		-122.362	37.7156				2151.86521	RS-700	1.06400602
4693	9/4/2019 8:04:41		-122.362	37.7156				2282.93099	RS-700	1.716074577
4694	9/4/2019 8:04:42		-122.362	37.7156				2156.27668	RS-700	1.085953632
4695	9/4/2019 8:04:43		-122.362	37.7156				2254.58554	RS-700	1.575052438
4696	9/4/2019 8:04:44		-122.362	37.7156				2262.03974	RS-700	1.61213801

Gamma Scan Survey Results
Survey Unit 5 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
4697	9/4/2019 8:04:45		-122.362	37.7156				2265.03321	RS-700	1.627030896
4698	9/4/2019 8:04:46		-122.362	37.7156				2367.54988	RS-700	2.13706408
4699	9/4/2019 8:04:47		-122.362	37.7156				2319.05372	RS-700	1.895789652
4700	9/4/2019 8:04:48		-122.362	37.7156				2305.39969	RS-700	1.827859154
4701	9/4/2019 8:04:49		-122.362	37.7156				2308.59167	RS-700	1.843739652
4702	9/4/2019 8:04:50		-122.362	37.7156				2087.64047	RS-700	0.74447995
4703	9/4/2019 8:04:51		-122.362	37.7156				2191.65085	RS-700	1.261944527
4704	9/4/2019 8:04:52		-122.362	37.7156				2045.73201	RS-700	0.535980149
4705	9/4/2019 8:04:53		-122.362	37.7156				2027.01354	RS-700	0.442853433
4706	9/4/2019 8:04:54		-122.362	37.7156				2024.71316	RS-700	0.431408756
4707	9/4/2019 8:04:55		-122.362	37.7156				2005.91646	RS-700	0.337892836
4708	9/4/2019 8:04:56		-122.362	37.7156				1916.78041	RS-700	-0.1055701
4709	9/4/2019 8:04:57		-122.362	37.7156				1982.90524	RS-700	0.223409154
4710	9/4/2019 8:04:58		-122.362	37.7156				1864.47777	RS-700	-0.365782239
4711	9/4/2019 8:04:59		-122.362	37.7156				1822.37393	RS-700	-0.57525408
4712	9/4/2019 8:05:00		-122.362	37.7156				1799.54175	RS-700	-0.688847015
4713	9/4/2019 8:05:01		-122.362	37.7156				1834.74695	RS-700	-0.513696766
4714	9/4/2019 8:05:02		-122.362	37.7156				1815.65255	RS-700	-0.608693781
4715	9/4/2019 8:05:03		-122.362	37.7156				1884.3927	RS-700	-0.266702985
4716	9/4/2019 8:05:04		-122.362	37.7156				1862.29949	RS-700	-0.376619453
4717	9/4/2019 8:05:05		-122.362	37.7156				1806.27835	RS-700	-0.655331592
4718	9/4/2019 8:05:06		-122.362	37.7156				1818.10073	RS-700	-0.596513781
4719	9/4/2019 8:05:07		-122.362	37.7156				1904.6859	RS-700	-0.165741791
4720	9/4/2019 8:05:08		-122.362	37.7156				1946.89062	RS-700	0.04423194
4721	9/4/2019 8:05:09		-122.362	37.7156				1881.29485	RS-700	-0.282115174
4722	9/4/2019 8:05:10		-122.362	37.7156				1935.78805	RS-700	-0.011004726
4723	9/4/2019 8:05:11		-122.362	37.7156				1999.59468	RS-700	0.306441194
4724	9/4/2019 8:05:12		-122.362	37.7156				1952.5016	RS-700	0.072147264
4725	9/4/2019 8:05:13		-122.362	37.7156				1938.08501	RS-700	0.000422935
4726	9/4/2019 8:05:14		-122.362	37.7156				1952.69757	RS-700	0.073122239
4727	9/4/2019 8:05:15		-122.362	37.7156				1887.29184	RS-700	-0.252279403
4728	9/4/2019 8:05:16		-122.362	37.7156				1860.57271	RS-700	-0.385210398
4729	9/4/2019 8:05:17		-122.362	37.7156				1926.97607	RS-700	-0.054845423
4730	9/4/2019 8:05:18		-122.362	37.7156				1960.1903	RS-700	0.110399502
4731	9/4/2019 8:05:19		-122.362	37.7156				1956.99157	RS-700	0.094485423
4732	9/4/2019 8:05:20		-122.362	37.7156				1958.89325	RS-700	0.103946517
4733	9/4/2019 8:05:21		-122.362	37.7156				1925.78267	RS-700	-0.060782736
4734	9/4/2019 8:05:22		-122.362	37.7156				1968.60265	RS-700	0.15225199
4735	9/4/2019 8:05:23		-122.362	37.7156				1968.39952	RS-700	0.151241393
4736	9/4/2019 8:05:24		-122.362	37.7156				1936.60587	RS-700	-0.00693597
4737	9/4/2019 8:05:25		-122.362	37.7156				1932.69238	RS-700	-0.02640607
4738	9/4/2019 8:05:26		-122.362	37.7156				1997.70558	RS-700	0.297042687
4739	9/4/2019 8:05:27		-122.362	37.7156				1887.48938	RS-700	-0.251296617
4740	9/4/2019 8:05:28		-122.362	37.7156				1918.59115	RS-700	-0.096561443
4741	9/4/2019 8:05:29		-122.362	37.7156				1936.88096	RS-700	-0.005567363
4742	9/4/2019 8:05:30		-122.362	37.7156				1913.50377	RS-700	-0.121871791
4743	9/4/2019 8:05:31		-122.362	37.7156				1914.37043	RS-700	-0.11756005
4744	9/4/2019 8:05:32		-122.362	37.7156				1981.30937	RS-700	0.215469502
4745	9/4/2019 8:05:33		-122.362	37.7156				1910.87953	RS-700	-0.134927711
4746	9/4/2019 8:05:34		-122.362	37.7156				1971.70182	RS-700	0.167670746
4747	9/4/2019 8:05:35		-122.362	37.7156				1889.48649	RS-700	-0.241360746
4748	9/4/2019 8:05:36		-122.362	37.7156				1934.19648	RS-700	-0.018922985
4749	9/4/2019 8:05:37		-122.362	37.7156				1958.99238	RS-700	0.104439701
4750	9/4/2019 8:05:38		-122.362	37.7156				1951.79931	RS-700	0.068653284
4751	9/4/2019 8:05:39		-122.362	37.7156				1922.87614	RS-700	-0.075243085
4752	9/4/2019 8:05:40		-122.362	37.7156				1940.6858	RS-700	0.013362189
4753	9/4/2019 8:05:41		-122.362	37.7156				1911.78227	RS-700	-0.130436468
4754	9/4/2019 8:05:42		-122.362	37.7156				1941.78101	RS-700	0.018810995
4755	9/4/2019 8:05:43		-122.362	37.7156				1959.50291	RS-700	0.106979652
4756	9/4/2019 8:05:44		-122.362	37.7156				1943.59788	RS-700	0.027850149
4757	9/4/2019 8:05:45		-122.362	37.7156				1953.40767	RS-700	0.076655075

Gamma Scan Survey Results
Survey Unit 5 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
4758	9/4/2019 8:05:46		-122.362	37.7156				1866.57283	RS-700	-0.355359055
4759	9/4/2019 8:05:47		-122.362	37.7156				1872.66683	RS-700	-0.325040647
4760	9/4/2019 8:05:48		-122.362	37.7156				1959.89309	RS-700	0.108920846
4761	9/4/2019 8:05:49		-122.362	37.7156				1964.70076	RS-700	0.132839602
4762	9/4/2019 8:05:50		-122.362	37.7156				1908.48869	RS-700	-0.146822438
4763	9/4/2019 8:05:51		-122.362	37.7156				1953.98936	RS-700	0.079549055
4764	9/4/2019 8:05:52		-122.362	37.7156				1909.78134	RS-700	-0.140391343
4765	9/4/2019 8:05:53		-122.362	37.7156				1908.05385	RS-700	-0.148985821
4766	9/4/2019 8:05:54		-122.362	37.7156				1948.69065	RS-700	0.053187313
4767	9/4/2019 8:05:55		-122.362	37.7156				1976.40815	RS-700	0.191085323
4768	9/4/2019 8:05:56		-122.362	37.7156				1955.98959	RS-700	0.089500448
4769	9/4/2019 8:05:57		-122.362	37.7156				1951.89754	RS-700	0.06914199
4770	9/4/2019 8:05:58		-122.362	37.7156				1845.93988	RS-700	-0.458010547
4771	9/4/2019 8:05:59		-122.362	37.7156				1961.60149	RS-700	0.117420348
4772	9/4/2019 8:06:00		-122.362	37.7156				1939.39761	RS-700	0.006953284
4773	9/4/2019 8:06:01		-122.362	37.7156				1964.59812	RS-700	0.132328955
4774	9/4/2019 8:06:02		-122.362	37.7156				1885.38998	RS-700	-0.261741393
4775	9/4/2019 8:06:03		-122.362	37.7156				1885.13597	RS-700	-0.263005124
4776	9/4/2019 8:06:04		-122.362	37.7156				1842.74489	RS-700	-0.47390602
4777	9/4/2019 8:06:05		-122.362	37.7156				1960.60222	RS-700	0.112448856
4778	9/4/2019 8:06:06		-122.362	37.7156				1923.97559	RS-700	-0.069773184
4779	9/4/2019 8:06:07		-122.362	37.7156				1888.57858	RS-700	-0.245877711
4780	9/4/2019 8:06:08		-122.362	37.7156				1962.28849	RS-700	0.120838259
4781	9/4/2019 8:06:09		-122.362	37.7156				1905.87966	RS-700	-0.159802687
4782	9/4/2019 8:06:10		-122.362	37.7156				1924.98723	RS-700	-0.064740149
4783	9/4/2019 8:06:11		-122.362	37.7156				1935.3648	RS-700	-0.013110448
4784	9/4/2019 8:06:12		-122.362	37.7156				1877.77409	RS-700	-0.299631393
4785	9/4/2019 8:06:13		-122.362	37.7156				1876.30283	RS-700	-0.306951095
4786	9/4/2019 8:06:14		-122.362	37.7156				1889.48688	RS-700	-0.241358806
4787	9/4/2019 8:06:15		-122.362	37.7156				1637.58604	RS-700	-1.494596816
4788	9/4/2019 8:06:16		-122.362	37.7156				1629.25597	RS-700	-1.53603995
4789	9/4/2019 8:06:17		-122.362	37.7156				1851.66173	RS-700	-0.429543632
4790	9/4/2019 8:06:18		-122.362	37.7156				1832.46751	RS-700	-0.525037264
4791	9/4/2019 8:06:19		-122.362	37.7156				1831.01682	RS-700	-0.532254627
4792	9/4/2019 8:06:20		-122.362	37.7156				1874.86956	RS-700	-0.314081791
4793	9/4/2019 8:06:21		-122.362	37.7156				1985.61843	RS-700	0.236907612
4794	9/4/2019 8:06:22		-122.362	37.7156				1962.59644	RS-700	0.122370348
4795	9/4/2019 8:06:23		-122.362	37.7155				1951.80074	RS-700	0.068660398
4796	9/4/2019 8:06:24		-122.362	37.7155				2002.50774	RS-700	0.32093403
4797	9/4/2019 8:06:25		-122.362	37.7155				1911.58171	RS-700	-0.131434279
4798	9/4/2019 8:06:26		-122.362	37.7155				1919.57741	RS-700	-0.091654677
4799	9/4/2019 8:06:27		-122.362	37.7155				1858.48273	RS-700	-0.395608308
4800	9/4/2019 8:06:28		-122.362	37.7155				1925.59018	RS-700	-0.061740398
4801	9/4/2019 8:06:29		-122.362	37.7155				1964.89608	RS-700	0.133811343
4802	9/4/2019 8:06:30		-122.362	37.7155				1939.59865	RS-700	0.007953483
4803	9/4/2019 8:06:31		-122.362	37.7155				1950.08717	RS-700	0.060135174
4804	9/4/2019 8:06:32		-122.362	37.7155				1878.85988	RS-700	-0.294229453
4805	9/4/2019 8:06:33		-122.362	37.7155				1948.97716	RS-700	0.054612736
4806	9/4/2019 8:06:34		-122.362	37.7155				1936.79068	RS-700	-0.006016517
4807	9/4/2019 8:06:35		-122.362	37.7155				2004.21529	RS-700	0.329429303
4808	9/4/2019 8:06:36		-122.362	37.7155				1941.59566	RS-700	0.017888856
4809	9/4/2019 8:06:37		-122.362	37.7155				1928.39691	RS-700	-0.047776567
4810	9/4/2019 8:06:38		-122.362	37.7155				1920.16692	RS-700	-0.088721791
4811	9/4/2019 8:06:39		-122.362	37.7155				1880.57265	RS-700	-0.285708209
4812	9/4/2019 8:06:40		-122.362	37.7155				1923.39989	RS-700	-0.072637363
4813	9/4/2019 8:06:41		-122.362	37.7155				1920.58312	RS-700	-0.086651144
4814	9/4/2019 8:06:42		-122.362	37.7155				1899.67468	RS-700	-0.190673234
4815	9/4/2019 8:06:43		-122.362	37.7155				1919.77946	RS-700	-0.090649453
4816	9/4/2019 8:06:44		-122.362	37.7155				1926.00216	RS-700	-0.059690746
4817	9/4/2019 8:06:45		-122.362	37.7155				1957.70032	RS-700	0.098011542
4818	9/4/2019 8:06:46		-122.362	37.7155				1878.94703	RS-700	-0.293795871

Gamma Scan Survey Results
Survey Unit 5 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
4819	9/4/2019 8:06:47		-122.362	37.7155				1962.5035	RS-700	0.12190796
4820	9/4/2019 8:06:48		-122.362	37.7155				1989.41081	RS-700	0.255775174
4821	9/4/2019 8:06:49		-122.362	37.7155				1924.39608	RS-700	-0.067681194
4822	9/4/2019 8:06:50		-122.362	37.7155				1963.59103	RS-700	0.127318557
4823	9/4/2019 8:06:51		-122.362	37.7155				1964.089	RS-700	0.12979602
4824	9/4/2019 8:06:52		-122.362	37.7155				1959.89895	RS-700	0.10895
4825	9/4/2019 8:06:53		-122.362	37.7155				1951.97964	RS-700	0.069550448
4826	9/4/2019 8:06:54		-122.362	37.7155				1948.79438	RS-700	0.053703383
4827	9/4/2019 8:06:55		-122.362	37.7155				1893.8676	RS-700	-0.219564179
4828	9/4/2019 8:06:56		-122.362	37.7155				1923.59811	RS-700	-0.071651194
4829	9/4/2019 8:06:57		-122.362	37.7155				1847.664	RS-700	-0.449432836
4830	9/4/2019 8:06:58		-122.362	37.7155				1841.6606	RS-700	-0.479300498
4831	9/4/2019 8:06:59		-122.362	37.7155				1987.50715	RS-700	0.246304229
4832	9/4/2019 8:07:00		-122.362	37.7155				1896.8629	RS-700	-0.204662189
4833	9/4/2019 8:07:01		-122.362	37.7155				1988.80895	RS-700	0.252780846
4834	9/4/2019 8:07:02		-122.362	37.7155				1952.60361	RS-700	0.072654776
4835	9/4/2019 8:07:03		-122.362	37.7155				1871.6649	RS-700	-0.330025373
4836	9/4/2019 8:07:04		-122.362	37.7155				1871.9495	RS-700	-0.328609453
4837	9/4/2019 8:07:05		-122.362	37.7155				1827.56305	RS-700	-0.549437562
4838	9/4/2019 8:07:06		-122.362	37.7155				1843.66121	RS-700	-0.469347214
4839	9/4/2019 8:07:07		-122.362	37.7155				1783.99311	RS-700	-0.766203433
4840	9/4/2019 8:07:08		-122.362	37.7155				1791.38806	RS-700	-0.729412637
4841	9/4/2019 8:07:09		-122.362	37.7155				1834.67132	RS-700	-0.514073035
4842	9/4/2019 8:07:10		-122.362	37.7155				1806.73392	RS-700	-0.653065075
4843	9/4/2019 8:07:11		-122.362	37.7155				1943.87866	RS-700	0.029247065
4844	9/4/2019 8:07:12		-122.362	37.7155				1920.6712	RS-700	-0.086212935
4845	9/4/2019 8:07:13		-122.362	37.7155				1907.58458	RS-700	-0.151320498
4846	9/4/2019 8:07:14		-122.362	37.7155				1988.21031	RS-700	0.249802537
4847	9/4/2019 8:07:15		-122.362	37.7155				1916.26047	RS-700	-0.108156866
4848	9/4/2019 8:07:16		-122.362	37.7155				1880.19923	RS-700	-0.28756602
4849	9/4/2019 8:07:17		-122.362	37.7155				1955.18624	RS-700	0.085503682
4850	9/4/2019 8:07:18		-122.362	37.7155				1941.60015	RS-700	0.017911194
4851	9/4/2019 8:07:19		-122.362	37.7155				1895.94792	RS-700	-0.209214328
4852	9/4/2019 8:07:20		-122.362	37.7155				1905.77368	RS-700	-0.16032995
4853	9/4/2019 8:07:21		-122.362	37.7155				1858.56285	RS-700	-0.395209701
4854	9/4/2019 8:07:22		-122.362	37.7155				1867.66654	RS-700	-0.349917711
4855	9/4/2019 8:07:23		-122.362	37.7155				1929.36403	RS-700	-0.042965025
4856	9/4/2019 8:07:24		-122.362	37.7155				1938.49619	RS-700	0.002468607
4857	9/4/2019 8:07:25		-122.362	37.7155				1996.70481	RS-700	0.292063731
4858	9/4/2019 8:07:26		-122.362	37.7155				1950.08429	RS-700	0.060120846
4859	9/4/2019 8:07:27		-122.362	37.7155				1848.37672	RS-700	-0.445886965
4860	9/4/2019 8:07:28		-122.362	37.7155				1881.76636	RS-700	-0.279769353
4861	9/4/2019 8:07:29		-122.362	37.7155				1971.70826	RS-700	0.167702786
4862	9/4/2019 8:07:30		-122.362	37.7155				1990.20964	RS-700	0.259749453
4863	9/4/2019 8:07:31		-122.362	37.7155				1941.78669	RS-700	0.018839254
4864	9/4/2019 8:07:32		-122.362	37.7155				1936.30225	RS-700	-0.008446517
4865	9/4/2019 8:07:33		-122.362	37.7155				1918.87372	RS-700	-0.095155622
4866	9/4/2019 8:07:34		-122.362	37.7155				1959.2836	RS-700	0.105888557
4867	9/4/2019 8:07:35		-122.362	37.7155				1945.50091	RS-700	0.03731796
4868	9/4/2019 8:07:36		-122.362	37.7155				1970.00374	RS-700	0.159222587
4869	9/4/2019 8:07:37		-122.362	37.7155				1927.78405	RS-700	-0.050825622
4870	9/4/2019 8:07:38		-122.362	37.7155				1869.58482	RS-700	-0.34037403
4871	9/4/2019 8:07:39		-122.362	37.7155				1850.28812	RS-700	-0.436377512
4872	9/4/2019 8:07:40		-122.362	37.7155				1861.19673	RS-700	-0.382105821
4873	9/4/2019 8:07:41		-122.362	37.7155				1892.54244	RS-700	-0.226157015
4874	9/4/2019 8:07:42		-122.362	37.7155				1918.68627	RS-700	-0.096088209
4875	9/4/2019 8:07:43		-122.362	37.7155				1938.7882	RS-700	0.003921393
4876	9/4/2019 8:07:44		-122.362	37.7155				1940.07484	RS-700	0.010322587
4877	9/4/2019 8:07:45		-122.362	37.7155				1939.39914	RS-700	0.006960896
4878	9/4/2019 8:07:46		-122.362	37.7155				1846.75014	RS-700	-0.453979403
4879	9/4/2019 8:07:47		-122.362	37.7155				1920.39541	RS-700	-0.087585025

Gamma Scan Survey Results
Survey Unit 5 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
4880	9/4/2019 8:07:48		-122.362	37.7155				1970.20142	RS-700	0.16020607
4881	9/4/2019 8:07:49		-122.362	37.7155				1930.97988	RS-700	-0.03492597
4882	9/4/2019 8:07:50		-122.362	37.7155				1896.39196	RS-700	-0.207005174
4883	9/4/2019 8:07:51		-122.362	37.7155				1840.84364	RS-700	-0.483364975
4884	9/4/2019 8:07:52		-122.362	37.7155				1886.57148	RS-700	-0.255863284
4885	9/4/2019 8:07:53		-122.362	37.7155				1850.94419	RS-700	-0.433113483
4886	9/4/2019 8:07:54		-122.362	37.7155				1869.29355	RS-700	-0.341823134
4887	9/4/2019 8:07:55		-122.362	37.7155				1906.05833	RS-700	-0.158913781
4888	9/4/2019 8:07:56		-122.362	37.7155				1912.39614	RS-700	-0.127382388
4889	9/4/2019 8:07:57		-122.362	37.7155				1969.28512	RS-700	0.155647363
4890	9/4/2019 8:07:58		-122.362	37.7155				1893.20094	RS-700	-0.222880896
4891	9/4/2019 8:07:59		-122.362	37.7155				1942.49513	RS-700	0.022363831
4892	9/4/2019 8:08:00		-122.362	37.7155				1922.20552	RS-700	-0.078579502
4893	9/4/2019 8:08:01		-122.362	37.7155				1893.86518	RS-700	-0.219576219
4894	9/4/2019 8:08:02		-122.362	37.7155				1943.59382	RS-700	0.02782995
4895	9/4/2019 8:08:03		-122.362	37.7155				1881.76224	RS-700	-0.279789851
4896	9/4/2019 8:08:04		-122.362	37.7155				1879.42945	RS-700	-0.291395771
4897	9/4/2019 8:08:05		-122.362	37.7155				1946.40082	RS-700	0.041795124
4898	9/4/2019 8:08:06		-122.362	37.7155				1925.57761	RS-700	-0.061802935
4899	9/4/2019 8:08:07		-122.362	37.7155				1898.58492	RS-700	-0.196094925
4900	9/4/2019 8:08:08		-122.362	37.7155				1957.69926	RS-700	0.098006269
4901	9/4/2019 8:08:09		-122.362	37.7155				1913.57714	RS-700	-0.121506766
4902	9/4/2019 8:08:10		-122.362	37.7155				1909.58607	RS-700	-0.141362836
4903	9/4/2019 8:08:11		-122.362	37.7155				1994.60626	RS-700	0.281623184
4904	9/4/2019 8:08:12		-122.362	37.7155				1868.75651	RS-700	-0.344494975
4905	9/4/2019 8:08:13		-122.362	37.7155				1914.16209	RS-700	-0.118596567
4906	9/4/2019 8:08:14		-122.362	37.7155				1954.79652	RS-700	0.083564776
4907	9/4/2019 8:08:15		-122.362	37.7155				1934.59538	RS-700	-0.016938408
4908	9/4/2019 8:08:16		-122.362	37.7155				1928.58482	RS-700	-0.046841692
4909	9/4/2019 8:08:17		-122.362	37.7155				1954.79563	RS-700	0.083560348
4910	9/4/2019 8:08:18		-122.362	37.7155				1971.30147	RS-700	0.165678955
4911	9/4/2019 8:08:19		-122.362	37.7155				1961.79194	RS-700	0.118367861
4912	9/4/2019 8:08:20		-122.362	37.7155				1986.00372	RS-700	0.238824478
4913	9/4/2019 8:08:21		-122.362	37.7155				1882.94977	RS-700	-0.273881741
4914	9/4/2019 8:08:22		-122.362	37.7155				1961.00401	RS-700	0.114447811
4915	9/4/2019 8:08:23		-122.362	37.7155				1953.60567	RS-700	0.077640149
4916	9/4/2019 8:08:24		-122.362	37.7155				1998.41858	RS-700	0.30058995
4917	9/4/2019 8:08:25		-122.362	37.7155				1953.6976	RS-700	0.078097512
4918	9/4/2019 8:08:26		-122.362	37.7155				2051.63058	RS-700	0.565326269
4919	9/4/2019 8:08:27		-122.362	37.7155				1903.39217	RS-700	-0.172178259
4920	9/4/2019 8:08:28		-122.362	37.7155				1949.5094	RS-700	0.057260697
4921	9/4/2019 8:08:29		-122.362	37.7155				1978.7995	RS-700	0.202982587
4922	9/4/2019 8:08:30		-122.362	37.7155				1952.40402	RS-700	0.071661791
4923	9/4/2019 8:08:31		-122.362	37.7154				1907.49795	RS-700	-0.151751493
4924	9/4/2019 8:08:32		-122.362	37.7154				1914.10454	RS-700	-0.118882886
4925	9/4/2019 8:08:33		-122.362	37.7154				1958.3982	RS-700	0.101483582
4926	9/4/2019 8:08:34		-122.362	37.7154				1953.41642	RS-700	0.076698607
4927	9/4/2019 8:08:35		-122.362	37.7154				1919.50555	RS-700	-0.092012189
4928	9/4/2019 8:08:36		-122.362	37.7154				1946.88985	RS-700	0.044228109
4929	9/4/2019 8:08:37		-122.362	37.7154				1941.27358	RS-700	0.016286468
4930	9/4/2019 8:08:38		-122.362	37.7154				1948.39883	RS-700	0.051735473
4931	9/4/2019 8:08:39		-122.362	37.7154				1892.76688	RS-700	-0.225040398
4932	9/4/2019 8:08:40		-122.362	37.7154				1933.59361	RS-700	-0.021922338
4933	9/4/2019 8:08:41		-122.362	37.7154				1912.49226	RS-700	-0.126904179
4934	9/4/2019 8:08:42		-122.362	37.7154				1902.58495	RS-700	-0.176194279
4935	9/4/2019 8:08:43		-122.362	37.7154				1896.24657	RS-700	-0.207728507
4936	9/4/2019 8:08:44		-122.362	37.7154				1823.46893	RS-700	-0.569806318
4937	9/4/2019 8:08:45		-122.362	37.7154				1956.08587	RS-700	0.089979453
4938	9/4/2019 8:08:46		-122.362	37.7154				1909.77486	RS-700	-0.140423582
4939	9/4/2019 8:08:47		-122.362	37.7154				1928.78491	RS-700	-0.045846219
4940	9/4/2019 8:08:48		-122.362	37.7154				1905.58559	RS-700	-0.161265721

Gamma Scan Survey Results
Survey Unit 5 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
4941	9/4/2019 8:08:49		-122.362	37.7154				1896.95472	RS-700	-0.204205373
4942	9/4/2019 8:08:50		-122.362	37.7154				1921.76671	RS-700	-0.080762637
4943	9/4/2019 8:08:51		-122.362	37.7154				1876.57526	RS-700	-0.305595721
4944	9/4/2019 8:08:52		-122.362	37.7154				1889.77111	RS-700	-0.239944726
4945	9/4/2019 8:08:53		-122.362	37.7154				1900.05734	RS-700	-0.188769453
4946	9/4/2019 8:08:54		-122.362	37.7154				1804.6434	RS-700	-0.663465672
4947	9/4/2019 8:08:55		-122.362	37.7154				1897.2464	RS-700	-0.202754229
4948	9/4/2019 8:08:56		-122.362	37.7154				1930.60187	RS-700	-0.036806617
4949	9/4/2019 8:08:57		-122.362	37.7154				1829.28745	RS-700	-0.540858458
4950	9/4/2019 8:08:58		-122.362	37.7154				1918.69382	RS-700	-0.096050647
4951	9/4/2019 8:08:59		-122.362	37.7154				1857.02753	RS-700	-0.402848109
4952	9/4/2019 8:09:00		-122.362	37.7154				1875.19861	RS-700	-0.312444726
4953	9/4/2019 8:09:01		-122.362	37.7154				1897.86721	RS-700	-0.199665622
4954	9/4/2019 8:09:02		-122.362	37.7154				1963.70093	RS-700	0.127865323
4955	9/4/2019 8:09:03		-122.362	37.7154				1855.57006	RS-700	-0.410099204
4956	9/4/2019 8:09:04		-122.362	37.7154				1870.38739	RS-700	-0.336381144
4957	9/4/2019 8:09:05		-122.362	37.7154				1910.39332	RS-700	-0.137346667
4958	9/4/2019 8:09:06		-122.362	37.7154				1874.04512	RS-700	-0.318183483
4959	9/4/2019 8:09:07		-122.362	37.7154				1917.30029	RS-700	-0.102983632
4960	9/4/2019 8:09:08		-122.362	37.7154				1884.19813	RS-700	-0.267670995
4961	9/4/2019 8:09:09		-122.362	37.7154				1958.89137	RS-700	0.103937164
4962	9/4/2019 8:09:10		-122.362	37.7154				1936.87546	RS-700	-0.005594726
4963	9/4/2019 8:09:11		-122.362	37.7154				1892.67422	RS-700	-0.225501393
4964	9/4/2019 8:09:12		-122.362	37.7154				1923.48857	RS-700	-0.072196169
4965	9/4/2019 8:09:13		-122.362	37.7154				1860.28849	RS-700	-0.386624428
4966	9/4/2019 8:09:14		-122.362	37.7154				1943.49873	RS-700	0.027356866
4967	9/4/2019 8:09:15		-122.362	37.7154				1976.10317	RS-700	0.18956801
4968	9/4/2019 8:09:16		-122.362	37.7154				1915.69533	RS-700	-0.110968507
4969	9/4/2019 8:09:17		-122.362	37.7154				1903.39785	RS-700	-0.17215
4970	9/4/2019 8:09:18		-122.362	37.7154				1924.07099	RS-700	-0.069298557
4971	9/4/2019 8:09:19		-122.362	37.7154				1939.56675	RS-700	0.007794776
4972	9/4/2019 8:09:20		-122.362	37.7154				1878.66307	RS-700	-0.295208607
4973	9/4/2019 8:09:21		-122.362	37.7154				1889.94763	RS-700	-0.239066517
4974	9/4/2019 8:09:22		-122.362	37.7154				1846.75189	RS-700	-0.453970697
4975	9/4/2019 8:09:23		-122.362	37.7154				1847.84445	RS-700	-0.448535075
4976	9/4/2019 8:09:24		-122.362	37.7154				1920.26427	RS-700	-0.088237463
4977	9/4/2019 8:09:25		-122.362	37.7154				1888.4846	RS-700	-0.246345274
4978	9/4/2019 8:09:26		-122.362	37.7154				1917.16895	RS-700	-0.103637065
4979	9/4/2019 8:09:27		-122.362	37.7154				1867.66424	RS-700	-0.349929154
4980	9/4/2019 8:09:28		-122.362	37.7154				1902.48489	RS-700	-0.17669209
4981	9/4/2019 8:09:29		-122.362	37.7154				1869.83912	RS-700	-0.339108856
4982	9/4/2019 8:09:30		-122.362	37.7154				1870.76248	RS-700	-0.334515025
4983	9/4/2019 8:09:31		-122.362	37.7154				1971.99758	RS-700	0.169142189
4984	9/4/2019 8:09:32		-122.362	37.7154				1915.06891	RS-700	-0.114085025
4985	9/4/2019 8:09:33		-122.362	37.7154				1854.66315	RS-700	-0.414611194
4986	9/4/2019 8:09:34		-122.362	37.7154				1881.3897	RS-700	-0.281643284
4987	9/4/2019 8:09:35		-122.362	37.7154				2038.72855	RS-700	0.501137065
4988	9/4/2019 8:09:36		-122.362	37.7154				1952.58793	RS-700	0.072576766
4989	9/4/2019 8:09:37		-122.362	37.7154				1987.40618	RS-700	0.245801891
4990	9/4/2019 8:09:38		-122.362	37.7154				1989.10965	RS-700	0.254276866
4991	9/4/2019 8:09:39		-122.362	37.7154				1865.47777	RS-700	-0.360807114
4992	9/4/2019 8:09:40		-122.362	37.7154				1937.59608	RS-700	-0.002009552
4993	9/4/2019 8:09:41		-122.362	37.7154				1803.3725	RS-700	-0.669788557
4994	9/4/2019 8:09:42		-122.362	37.7154				1802.10618	RS-700	-0.676088657
4995	9/4/2019 8:09:43		-122.362	37.7154				1843.65529	RS-700	-0.469376667
4996	9/4/2019 8:09:44		-122.362	37.7154				1939.6848	RS-700	0.00838209
4997	9/4/2019 8:09:45		-122.362	37.7154				1888.19606	RS-700	-0.247780796
4998	9/4/2019 8:09:46		-122.362	37.7153				1868.05415	RS-700	-0.347989303
4999	9/4/2019 8:09:47		-122.362	37.7153				1847.56603	RS-700	-0.449920249
5000	9/4/2019 8:09:48		-122.362	37.7153				1847.85342	RS-700	-0.448490448
5001	9/4/2019 8:09:49		-122.362	37.7153				1758.27229	RS-700	-0.894167711

Gamma Scan Survey Results
Survey Unit 5 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
5002	9/4/2019 8:09:50		-122.362	37.7153				1836.83571	RS-700	-0.503304925
5003	9/4/2019 8:09:51		-122.362	37.7153				1789.54791	RS-700	-0.738567612
5004	9/4/2019 8:09:52		-122.362	37.7153				1819.6357	RS-700	-0.588877114
5005	9/4/2019 8:09:53		-122.362	37.7153				1842.65631	RS-700	-0.474346716
5006	9/4/2019 8:09:54		-122.362	37.7153				1807.09969	RS-700	-0.651245323
5007	9/4/2019 8:09:55		-122.362	37.7153				1810.73679	RS-700	-0.633150299
5008	9/4/2019 8:09:56		-122.362	37.7153				1789.36555	RS-700	-0.739474876
5009	9/4/2019 8:09:57		-122.362	37.7153				1873.29212	RS-700	-0.321929751
5010	9/4/2019 8:09:58		-122.362	37.7153				1831.83395	RS-700	-0.528189303
5011	9/4/2019 8:09:59		-122.362	37.7153				1853.0416	RS-700	-0.422678607
5012	9/4/2019 8:10:00		-122.362	37.7153				1931.88891	RS-700	-0.030403433
5013	9/4/2019 8:10:01		-122.362	37.7153				1865.57198	RS-700	-0.360338408
5014	9/4/2019 8:10:02		-122.362	37.7153				1835.13601	RS-700	-0.511761144
5015	9/4/2019 8:10:03		-122.362	37.7153				1791.27585	RS-700	-0.729970896
5016	9/4/2019 8:10:04		-122.362	37.7153				1773.54346	RS-700	-0.818191741
5017	9/4/2019 8:10:05		-122.362	37.7153				1809.02427	RS-700	-0.641670299
5018	9/4/2019 8:10:06		-122.362	37.7153				1811.72924	RS-700	-0.628212736
5019	9/4/2019 8:10:07		-122.362	37.7153				1807.64607	RS-700	-0.648527015
5020	9/4/2019 8:10:08		-122.362	37.7153				1813.46886	RS-700	-0.61955791
5021	9/4/2019 8:10:09		-122.362	37.7153				1837.02673	RS-700	-0.502354577
5022	9/4/2019 8:10:10		-122.362	37.7153				1804.73516	RS-700	-0.663009154
5023	9/4/2019 8:10:11		-122.362	37.7153				1764.98274	RS-700	-0.860782388
5024	9/4/2019 8:10:12		-122.362	37.7153				1898.57893	RS-700	-0.196124726
5025	9/4/2019 8:10:13		-122.362	37.7153				1783.99043	RS-700	-0.766216766
5026	9/4/2019 8:10:14		-122.362	37.7153				1796.64557	RS-700	-0.703255871
5027	9/4/2019 8:10:15		-122.362	37.7153				1806.72186	RS-700	-0.653125075
5028	9/4/2019 8:10:16		-122.362	37.7153				1812.74375	RS-700	-0.623165423
5029	9/4/2019 8:10:17		-122.362	37.7153				1792.93739	RS-700	-0.721704527
5030	9/4/2019 8:10:18		-122.362	37.7153				1729.52407	RS-700	-1.037193682
5031	9/4/2019 8:10:19		-122.362	37.7153				1760.62567	RS-700	-0.882459353
5032	9/4/2019 8:10:20		-122.362	37.7153				1821.55374	RS-700	-0.579334627
5033	9/4/2019 8:10:21		-122.361	37.7153				1828.65172	RS-700	-0.544021294
5034	9/4/2019 8:10:22		-122.361	37.7153				1844.11856	RS-700	-0.467071841
5035	9/4/2019 8:10:23		-122.361	37.7153				1804.4708	RS-700	-0.664324378
5036	9/4/2019 8:10:24		-122.361	37.7153				1748.9682	RS-700	-0.940456716
5037	9/4/2019 8:10:25		-122.361	37.7153				1808.54752	RS-700	-0.644042189
5038	9/4/2019 8:10:26		-122.361	37.7153				1860.57158	RS-700	-0.38521602
5039	9/4/2019 8:10:27		-122.361	37.7153				1847.47338	RS-700	-0.450381194
5040	9/4/2019 8:10:28		-122.361	37.7153				1848.47607	RS-700	-0.445392687
5041	9/4/2019 8:10:29		-122.361	37.7153				1817.56648	RS-700	-0.599171741
5042	9/4/2019 8:10:30		-122.361	37.7153				1805.64713	RS-700	-0.65847199
5043	9/4/2019 8:10:31		-122.361	37.7153				1792.63523	RS-700	-0.723207811
5044	9/4/2019 8:10:32		-122.361	37.7153				1838.03753	RS-700	-0.497325721
5045	9/4/2019 8:10:33		-122.361	37.7153				1842.58046	RS-700	-0.47472408
5046	9/4/2019 8:10:34		-122.361	37.7153				1764.27532	RS-700	-0.864301891
5047	9/4/2019 8:10:35		-122.361	37.7153				1852.75215	RS-700	-0.424118657
5048	9/4/2019 8:10:36		-122.361	37.7153				1869.57656	RS-700	-0.340415124
5049	9/4/2019 8:10:37		-122.361	37.7153				1865.66359	RS-700	-0.359882637
5050	9/4/2019 8:10:38		-122.361	37.7153				1850.75271	RS-700	-0.434066119
5051	9/4/2019 8:10:39		-122.361	37.7153				1830.74423	RS-700	-0.533610796
5052	9/4/2019 8:10:40		-122.361	37.7153				1827.02237	RS-700	-0.552127512
5053	9/4/2019 8:10:41		-122.361	37.7153				1790.45802	RS-700	-0.734039701
5054	9/4/2019 8:10:42		-122.361	37.7153				1842.46413	RS-700	-0.475302836
5055	9/4/2019 8:10:43		-122.361	37.7153				1770.80559	RS-700	-0.831812985
5056	9/4/2019 8:10:44		-122.361	37.7153				1830.46671	RS-700	-0.534991493
5057	9/4/2019 8:10:45		-122.361	37.7153				1739.70326	RS-700	-0.986550945
5058	9/4/2019 8:10:46		-122.361	37.7153				1814.82657	RS-700	-0.612803134
5059	9/4/2019 8:10:47		-122.361	37.7153				1712.62151	RS-700	-1.12128602
5060	9/4/2019 8:10:48		-122.361	37.7153				1793.46233	RS-700	-0.719092886
5061	9/4/2019 8:10:49		-122.361	37.7153				1874.04486	RS-700	-0.318184776
5062	9/4/2019 8:10:50		-122.361	37.7153				1809.37446	RS-700	-0.63992806

Gamma Scan Survey Results
Survey Unit 5 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
5063	9/4/2019 8:10:51		-122.361	37.7153				1830.47587	RS-700	-0.53494592
5064	9/4/2019 8:10:52		-122.361	37.7153				1863.13023	RS-700	-0.372486418
5065	9/4/2019 8:10:53		-122.361	37.7152				1800.92143	RS-700	-0.681982935
5066	9/4/2019 8:10:54		-122.361	37.7152				1692.52015	RS-700	-1.221292786
5067	9/4/2019 8:10:55		-122.361	37.7152				1742.70113	RS-700	-0.971636169
5068	9/4/2019 8:10:56		-122.361	37.7152				1728.44309	RS-700	-1.042571692
5069	9/4/2019 8:10:57		-122.361	37.7152				1788.91227	RS-700	-0.74173
5070	9/4/2019 8:10:58		-122.361	37.7152				1723.31263	RS-700	-1.068096368
5071	9/4/2019 8:10:59		-122.361	37.7152				1769.45061	RS-700	-0.838554179
5072	9/4/2019 8:11:00		-122.361	37.7152				1714.43775	RS-700	-1.11225
5073	9/4/2019 8:11:01		-122.361	37.7152				1750.69999	RS-700	-0.931840846
5074	9/4/2019 8:11:02		-122.361	37.7152				1709.52502	RS-700	-1.136691443
5075	9/4/2019 8:11:03		-122.361	37.7152				1729.52374	RS-700	-1.037195323
5076	9/4/2019 8:11:04		-122.361	37.7152				1785.45676	RS-700	-0.758921592
5077	9/4/2019 8:11:05		-122.361	37.7152				1711.52511	RS-700	-1.126740746
5078	9/4/2019 8:11:06		-122.361	37.7152				1760.54102	RS-700	-0.882880498
5079	9/4/2019 8:11:07		-122.361	37.7152				1746.71016	RS-700	-0.951690746
5080	9/4/2019 8:11:08		-122.361	37.7152				1802.55177	RS-700	-0.673871791
5081	9/4/2019 8:11:09		-122.361	37.7152				1739.79565	RS-700	-0.986091294
5082	9/4/2019 8:11:10		-122.361	37.7152				1723.27034	RS-700	-1.068306766
5083	9/4/2019 8:11:11		-122.361	37.7152				1732.96703	RS-700	-1.020064527
5084	9/4/2019 8:11:12		-122.361	37.7152				1756.86761	RS-700	-0.901156169
5085	9/4/2019 8:11:13		-122.361	37.7152				1782.90259	RS-700	-0.771628905
5086	9/4/2019 8:11:14		-122.361	37.7152				1798.73141	RS-700	-0.692878557
5087	9/4/2019 8:11:15		-122.361	37.7152				1638.74611	RS-700	-1.488825323
5088	9/4/2019 8:11:16		-122.361	37.7152				1709.76462	RS-700	-1.135499403
5089	9/4/2019 8:11:17		-122.361	37.7152				1600.42105	RS-700	-1.679497264
5090	9/4/2019 8:11:18		-122.361	37.7152				1467.47269	RS-700	-2.340931891
5091	9/4/2019 8:11:19		-122.361	37.7152				1338.14427	RS-700	-2.984356866
5092	9/4/2019 8:11:20		-122.361	37.7152				1346.17353	RS-700	-2.944410299
5093	9/4/2019 8:11:21		-122.361	37.7152				1345.36244	RS-700	-2.948445572
5094	9/4/2019 8:11:22		-122.361	37.7152				1344.09131	RS-700	-2.954769602
5095	9/4/2019 8:11:23		-122.361	37.7152				1370.20443	RS-700	-2.824853582
5096	9/4/2019 8:11:24		-122.361	37.7152				1350.65241	RS-700	-2.922127313
5097	9/4/2019 8:11:25		-122.361	37.7152				1497.47764	RS-700	-2.191653532
5098	9/4/2019 8:11:26		-122.361	37.7152				1785.36891	RS-700	-0.759358657
5099	9/4/2019 8:11:27		-122.361	37.7152				1811.46908	RS-700	-0.629507065
5100	9/4/2019 8:11:28		-122.361	37.7152				1888.87441	RS-700	-0.24440592
5101	9/4/2019 8:11:29		-122.361	37.7152				1916.01154	RS-700	-0.109395323
5102	9/4/2019 8:11:30		-122.361	37.7152				1855.67966	RS-700	-0.40955393
5103	9/4/2019 8:11:31		-122.361	37.7152				1905.77203	RS-700	-0.160338159
5104	9/4/2019 8:11:32		-122.361	37.7152				1925.59898	RS-700	-0.061696617
5105	9/4/2019 8:11:33		-122.361	37.7152				1798.72843	RS-700	-0.692893383
5106	9/4/2019 8:11:34		-122.361	37.7152				1883.29757	RS-700	-0.272151393
5107	9/4/2019 8:11:35		-122.361	37.7152				1782.81389	RS-700	-0.772070199
5108	9/4/2019 8:11:36		-122.361	37.7152				1867.48765	RS-700	-0.350807711
5109	9/4/2019 8:11:37		-122.361	37.7152				1843.74973	RS-700	-0.468906816
5110	9/4/2019 8:11:38		-122.361	37.7152				1782.63104	RS-700	-0.7729799
5111	9/4/2019 8:11:39		-122.361	37.7152				1809.93442	RS-700	-0.637142189
5112	9/4/2019 8:11:40		-122.361	37.7152				1833.01848	RS-700	-0.522296119
5113	9/4/2019 8:11:41		-122.361	37.7152				1801.82572	RS-700	-0.67748398
5114	9/4/2019 8:11:42		-122.361	37.7152				1803.37339	RS-700	-0.669784129
5115	9/4/2019 8:11:43		-122.361	37.7152				1827.49218	RS-700	-0.549790149
5116	9/4/2019 8:11:44		-122.361	37.7152				1846.66047	RS-700	-0.454425522
5117	9/4/2019 8:11:45		-122.361	37.7152				1961.1005	RS-700	0.114927861
5118	9/4/2019 8:11:46		-122.361	37.7152				1939.08119	RS-700	0.005379055
5119	9/4/2019 8:11:47		-122.361	37.7152				1911.71027	RS-700	-0.130794677
5120	9/4/2019 8:11:48		-122.361	37.7152				1873.76289	RS-700	-0.319587612
5121	9/4/2019 8:11:49		-122.361	37.7152				1954.4025	RS-700	0.081604478
5122	9/4/2019 8:11:50		-122.361	37.7152				1910.68429	RS-700	-0.135899055
5123	9/4/2019 8:11:51		-122.361	37.7152				1925.68503	RS-700	-0.061268507

Gamma Scan Survey Results
Survey Unit 5 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
5124	9/4/2019 8:11:52		-122.361	37.7152				1987.7028	RS-700	0.247277612
5125	9/4/2019 8:11:53		-122.361	37.7152				1921.49336	RS-700	-0.082122587
5126	9/4/2019 8:11:54		-122.361	37.7152				1893.84653	RS-700	-0.219669005
5127	9/4/2019 8:11:55		-122.361	37.7152				1883.48316	RS-700	-0.27122806
5128	9/4/2019 8:11:56		-122.361	37.7152				1947.89178	RS-700	0.049212836
5129	9/4/2019 8:11:57		-122.361	37.7152				1896.67361	RS-700	-0.20560393
5130	9/4/2019 8:11:58		-122.361	37.7152				1900.68332	RS-700	-0.185655124
5131	9/4/2019 8:11:59		-122.361	37.7151				1882.8381	RS-700	-0.274437313
5132	9/4/2019 8:12:00		-122.361	37.7151				1868.57381	RS-700	-0.34540393
5133	9/4/2019 8:12:01		-122.361	37.7151				1895.29037	RS-700	-0.212485721
5134	9/4/2019 8:12:02		-122.361	37.7151				1857.66712	RS-700	-0.39966607
5135	9/4/2019 8:12:03		-122.361	37.7151				1912.06542	RS-700	-0.129027761
5136	9/4/2019 8:12:04		-122.361	37.7151				1914.25935	RS-700	-0.118112687
5137	9/4/2019 8:12:05		-122.361	37.7151				1909.29489	RS-700	-0.142811493
5138	9/4/2019 8:12:06		-122.361	37.7151				1964.28673	RS-700	0.130779751
5139	9/4/2019 8:12:07		-122.361	37.7151				1986.20685	RS-700	0.239835075
5140	9/4/2019 8:12:08		-122.361	37.7151				1941.17728	RS-700	0.015807363
5141	9/4/2019 8:12:09		-122.361	37.7151				1965.00968	RS-700	0.134376517
5142	9/4/2019 8:12:10		-122.361	37.7151				1936.39935	RS-700	-0.007963433
5143	9/4/2019 8:12:11		-122.361	37.7151				1920.38958	RS-700	-0.08761403
5144	9/4/2019 8:12:12		-122.361	37.7151				1845.66103	RS-700	-0.459397861
5145	9/4/2019 8:12:13		-122.361	37.7151				1953.59862	RS-700	0.077605075
5146	9/4/2019 8:12:14		-122.361	37.7151				1939.89931	RS-700	0.009449303
5147	9/4/2019 8:12:15		-122.361	37.7151				1864.66222	RS-700	-0.364864577
5148	9/4/2019 8:12:16		-122.361	37.7151				1867.5781	RS-700	-0.350357711
5149	9/4/2019 8:12:17		-122.361	37.7151				1885.48395	RS-700	-0.261273881
5150	9/4/2019 8:12:18		-122.361	37.7151				1923.59115	RS-700	-0.071685821
5151	9/4/2019 8:12:19		-122.361	37.7151				1866.76108	RS-700	-0.354422488
5152	9/4/2019 8:12:20		-122.361	37.7151				1877.57002	RS-700	-0.300646667
5153	9/4/2019 8:12:21		-122.361	37.7151				1894.29221	RS-700	-0.217451692
5154	9/4/2019 8:12:22		-122.361	37.7151				1899.15352	RS-700	-0.19326607
5155	9/4/2019 8:12:23		-122.361	37.7151				1951.19034	RS-700	0.065623582
5156	9/4/2019 8:12:24		-122.361	37.7151				1828.37982	RS-700	-0.54537403
5157	9/4/2019 8:12:25		-122.361	37.7151				1901.3011	RS-700	-0.182581592
5158	9/4/2019 8:12:26		-122.361	37.7151				1878.20173	RS-700	-0.297503831
5159	9/4/2019 8:12:27		-122.361	37.7151				1876.56965	RS-700	-0.305623632
5160	9/4/2019 8:12:28		-122.361	37.7151				1851.56909	RS-700	-0.430004527
5161	9/4/2019 8:12:29		-122.361	37.7151				1894.58058	RS-700	-0.216017015
5162	9/4/2019 8:12:30		-122.361	37.7151				1879.40175	RS-700	-0.291533582
5163	9/4/2019 8:12:31		-122.361	37.7151				1805.36777	RS-700	-0.659861841
5164	9/4/2019 8:12:32		-122.361	37.7151				1854.93949	RS-700	-0.413236368
5165	9/4/2019 8:12:33		-122.361	37.7151				1887.05766	RS-700	-0.253444478
5166	9/4/2019 8:12:34		-122.361	37.7151				1891.57485	RS-700	-0.230970896
5167	9/4/2019 8:12:35		-122.361	37.7151				1898.15258	RS-700	-0.198245871
5168	9/4/2019 8:12:36		-122.361	37.7151				1859.55655	RS-700	-0.39026592
5169	9/4/2019 8:12:37		-122.361	37.7151				1839.74775	RS-700	-0.488817164
5170	9/4/2019 8:12:38		-122.361	37.7151				1795.46115	RS-700	-0.709148507
5171	9/4/2019 8:12:39		-122.361	37.7151				1807.19132	RS-700	-0.650789453
5172	9/4/2019 8:12:40		-122.361	37.7151				1751.80253	RS-700	-0.926355572
5173	9/4/2019 8:12:41		-122.361	37.7151				1821.01409	RS-700	-0.582019453
5174	9/4/2019 8:12:42		-122.361	37.7151				1850.47311	RS-700	-0.435457164
5175	9/4/2019 8:12:43		-122.361	37.7151				1834.56006	RS-700	-0.514626567
5176	9/4/2019 8:12:44		-122.361	37.7151				1918.78196	RS-700	-0.095612139
5177	9/4/2019 8:12:45		-122.361	37.7151				1857.75524	RS-700	-0.399227662
5178	9/4/2019 8:12:46		-122.361	37.7151				1875.13811	RS-700	-0.312745721
5179	9/4/2019 8:12:47		-122.361	37.7151				1883.76749	RS-700	-0.269813483
5180	9/4/2019 8:12:48		-122.361	37.7151				1886.38827	RS-700	-0.256774776
5181	9/4/2019 8:12:49		-122.361	37.7151				1972.40096	RS-700	0.171149055
5182	9/4/2019 8:12:50		-122.361	37.7151				1883.77411	RS-700	-0.269780547
5183	9/4/2019 8:12:51		-122.361	37.7151				1771.81001	RS-700	-0.826815871
5184	9/4/2019 8:12:52		-122.361	37.7151				1783.28213	RS-700	-0.769740647

Gamma Scan Survey Results
Survey Unit 5 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
5185	9/4/2019 8:12:53		-122.361	37.7151				1827.56006	RS-700	-0.549452438
5186	9/4/2019 8:12:54		-122.361	37.7151				1759.45214	RS-700	-0.888297811
5187	9/4/2019 8:12:55		-122.361	37.7151				1726.53927	RS-700	-1.052043433
5188	9/4/2019 8:12:56		-122.361	37.715				1850.29044	RS-700	-0.43636597
5189	9/4/2019 8:12:57		-122.361	37.715				1818.82756	RS-700	-0.592897711
5190	9/4/2019 8:12:58		-122.361	37.715				1858.37841	RS-700	-0.396127313
5191	9/4/2019 8:12:59		-122.361	37.715				1879.67046	RS-700	-0.290196716
5192	9/4/2019 8:13:00		-122.361	37.715				1925.88456	RS-700	-0.060275821
5193	9/4/2019 8:13:01		-122.361	37.715				1961.50609	RS-700	0.116945721
5194	9/4/2019 8:13:02		-122.361	37.715				1948.49803	RS-700	0.052229005
5195	9/4/2019 8:13:03		-122.361	37.715				2015.61507	RS-700	0.386144627
5196	9/4/2019 8:13:04		-122.361	37.715				1990.9233	RS-700	0.2633
5197	9/4/2019 8:13:05		-122.361	37.715				1933.39925	RS-700	-0.022889303
5198	9/4/2019 8:13:06		-122.361	37.715				1869.98148	RS-700	-0.338400597
5199	9/4/2019 8:13:07		-122.361	37.715				1911.96535	RS-700	-0.129525622
5200	9/4/2019 8:13:08		-122.361	37.715				1928.78595	RS-700	-0.045841045
5201	9/4/2019 8:13:09		-122.361	37.715				1889.58027	RS-700	-0.240894179
5202	9/4/2019 8:13:10		-122.361	37.715				1899.85052	RS-700	-0.189798408
5203	9/4/2019 8:13:11		-122.361	37.715				1922.68691	RS-700	-0.076184527
5204	9/4/2019 8:13:12		-122.361	37.715				1875.8556	RS-700	-0.309176119
5205	9/4/2019 8:13:13		-122.361	37.715				1799.64455	RS-700	-0.688335572
5206	9/4/2019 8:13:14		-122.361	37.715				1794.28229	RS-700	-0.715013483
5207	9/4/2019 8:13:15		-122.361	37.715				1889.86468	RS-700	-0.239479204
5208	9/4/2019 8:13:16		-122.361	37.715				1811.79658	RS-700	-0.627877711
5209	9/4/2019 8:13:17		-122.361	37.715				1903.38901	RS-700	-0.17219398
5210	9/4/2019 8:13:18		-122.361	37.715				1877.3277	RS-700	-0.301852239
5211	9/4/2019 8:13:19		-122.361	37.715				1777.64647	RS-700	-0.797778756
5212	9/4/2019 8:13:20		-122.361	37.715				1756.54012	RS-700	-0.902785473
5213	9/4/2019 8:13:21		-122.361	37.715				1806.55224	RS-700	-0.653968955
5214	9/4/2019 8:13:22		-122.361	37.715				1889.58567	RS-700	-0.240867313
5215	9/4/2019 8:13:23		-122.361	37.715				2038.73196	RS-700	0.50115403
5216	9/4/2019 8:13:24		-122.361	37.715				1818.56109	RS-700	-0.594223433
5217	9/4/2019 8:13:25		-122.361	37.715				1833.56168	RS-700	-0.519593632
5218	9/4/2019 8:13:26		-122.361	37.715				1739.44403	RS-700	-0.987840647
5219	9/4/2019 8:13:27		-122.361	37.715				1504.31159	RS-700	-2.157653781
5220	9/4/2019 8:13:28		-122.361	37.715				1412.50199	RS-700	-2.61441796
5221	9/4/2019 8:13:29		-122.361	37.715				1150.41244	RS-700	-3.91834607
5222	9/4/2019 8:13:30		-122.361	37.715				980.15373	RS-700	-4.765404328
5223	9/4/2019 8:13:31		-122.361	37.715				1192.06848	RS-700	-3.71110209
5224	9/4/2019 8:13:32		-122.361	37.715				1443.22107	RS-700	-2.461586716
5225	9/4/2019 8:13:33		-122.361	37.715				1804.46732	RS-700	-0.664341692
5226	9/4/2019 8:13:34		-122.361	37.715				1891.75424	RS-700	-0.230078408
5227	9/4/2019 8:13:35		-122.361	37.715				1876.57145	RS-700	-0.305614677
5228	9/4/2019 8:13:36		-122.361	37.715				1807.46624	RS-700	-0.649421692
5229	9/4/2019 8:13:37		-122.361	37.715				1950.89431	RS-700	0.064150796
5230	9/4/2019 8:13:38		-122.361	37.715				1900.57315	RS-700	-0.186203234
5231	9/4/2019 8:13:39		-122.361	37.715				1874.75721	RS-700	-0.314640746
5232	9/4/2019 8:13:40		-122.361	37.715				1865.85755	RS-700	-0.358917662
5233	9/4/2019 8:13:41		-122.361	37.715				1903.57533	RS-700	-0.171267015
5234	9/4/2019 8:13:42		-122.361	37.715				1784.99287	RS-700	-0.761229502
5235	9/4/2019 8:13:43		-122.361	37.715				1954.8959	RS-700	0.084059204
5236	9/4/2019 8:13:44		-122.361	37.715				1863.68181	RS-700	-0.369742239
5237	9/4/2019 8:13:45		-122.361	37.715				1871.67499	RS-700	-0.329975174
5238	9/4/2019 8:13:46		-122.361	37.715				1840.56595	RS-700	-0.484746517
5239	9/4/2019 8:13:47		-122.361	37.715				1826.37927	RS-700	-0.555327015
5240	9/4/2019 8:13:48		-122.361	37.715				1836.02331	RS-700	-0.507346716
5241	9/4/2019 8:13:49		-122.361	37.715				1705.61684	RS-700	-1.156135124
5242	9/4/2019 8:13:50		-122.361	37.715				1756.0814	RS-700	-0.905067662
5243	9/4/2019 8:13:51		-122.361	37.7149				1793.36999	RS-700	-0.719552289
5244	9/4/2019 8:13:52		-122.361	37.7149				1686.85924	RS-700	-1.249456517
5245	9/4/2019 8:13:53		-122.361	37.7149				1724.53035	RS-700	-1.06203806

Gamma Scan Survey Results
Survey Unit 5 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
5246	9/4/2019 8:13:54		-122.361	37.7149				1729.62699	RS-700	-1.036681642
5247	9/4/2019 8:13:55		-122.361	37.7149				1796.82462	RS-700	-0.702365075
5248	9/4/2019 8:13:56		-122.361	37.7149				1855.66079	RS-700	-0.409647811
5249	9/4/2019 8:13:57		-122.361	37.7149				1906.68132	RS-700	-0.155814328
5250	9/4/2019 8:13:58		-122.361	37.7149				1894.05224	RS-700	-0.218645572
5251	9/4/2019 8:13:59		-122.361	37.7149				1886.66479	RS-700	-0.255399055
5252	9/4/2019 8:14:00		-122.361	37.7149				1836.37975	RS-700	-0.505573383
5253	9/4/2019 8:14:01		-122.361	37.7149				1945.69186	RS-700	0.03826796
5254	9/4/2019 8:14:02		-122.361	37.7149				1847.84787	RS-700	-0.44851806
5255	9/4/2019 8:14:03		-122.361	37.7149				1879.43792	RS-700	-0.291353632
5256	9/4/2019 8:14:04		-122.361	37.7149				1992.91031	RS-700	0.273185622
5257	9/4/2019 8:14:05		-122.361	37.7149				1907.87649	RS-700	-0.149868209
5258	9/4/2019 8:14:06		-122.361	37.7149				1842.02972	RS-700	-0.47746408
5259	9/4/2019 8:14:07		-122.361	37.7149				1781.17688	RS-700	-0.780214527
5260	9/4/2019 8:14:08		-122.361	37.7149				1730.18159	RS-700	-1.033922438
5261	9/4/2019 8:14:09		-122.361	37.7149				1766.85879	RS-700	-0.851448806
5262	9/4/2019 8:14:10		-122.361	37.7149				1772.74052	RS-700	-0.822186468
5263	9/4/2019 8:14:11		-122.361	37.7149				1710.96723	RS-700	-1.129516269
5264	9/4/2019 8:14:12		-122.361	37.7149				1787.55198	RS-700	-0.748497612
5265	9/4/2019 8:14:13		-122.361	37.7149				1930.96739	RS-700	-0.034988109
5266	9/4/2019 8:14:14		-122.361	37.7149				1945.69476	RS-700	0.038282388
5267	9/4/2019 8:14:15		-122.361	37.7149				1968.30593	RS-700	0.150775771
5268	9/4/2019 8:14:16		-122.361	37.7149				1975.6023	RS-700	0.187076119
5269	9/4/2019 8:14:17		-122.361	37.7149				1958.59984	RS-700	0.102486766
5270	9/4/2019 8:14:18		-122.361	37.7149				1963.39971	RS-700	0.126366716
5271	9/4/2019 8:14:19		-122.361	37.7149				1990.71138	RS-700	0.262245672
5272	9/4/2019 8:14:20		-122.361	37.7149				2026.52575	RS-700	0.440426617
5273	9/4/2019 8:14:21		-122.361	37.7149				2033.70584	RS-700	0.476148458
5274	9/4/2019 8:14:22		-122.361	37.7149				1973.29715	RS-700	0.175607711
5275	9/4/2019 8:14:23		-122.361	37.7149				1964.70971	RS-700	0.132884129
5276	9/4/2019 8:14:24		-122.361	37.7149				1956.60664	RS-700	0.092570348
5277	9/4/2019 8:14:25		-122.361	37.7149				1995.61525	RS-700	0.286643035
5278	9/4/2019 8:14:26		-122.361	37.7149				1959.79718	RS-700	0.108443682
5279	9/4/2019 8:14:27		-122.361	37.7149				1875.95215	RS-700	-0.308695771
5280	9/4/2019 8:14:28		-122.361	37.7149				1856.57036	RS-700	-0.405122587
5281	9/4/2019 8:14:29		-122.361	37.7149				1953.68855	RS-700	0.078052488
5282	9/4/2019 8:14:30		-122.361	37.7149				1826.65215	RS-700	-0.553969403
5283	9/4/2019 8:14:31		-122.361	37.7149				1957.99926	RS-700	0.099498806
5284	9/4/2019 8:14:32		-122.361	37.7149				1976.10502	RS-700	0.189577214
5285	9/4/2019 8:14:33		-122.361	37.7149				2000.20631	RS-700	0.309484129
5286	9/4/2019 8:14:34		-122.361	37.7149				1951.49035	RS-700	0.067116169
5287	9/4/2019 8:14:35		-122.361	37.7149				1986.80089	RS-700	0.242790498
5288	9/4/2019 8:14:36		-122.361	37.7149				1983.10468	RS-700	0.224401393
5289	9/4/2019 8:14:37		-122.361	37.7149				2052.01574	RS-700	0.567242488
5290	9/4/2019 8:14:38		-122.361	37.7149				1960.70078	RS-700	0.112939204
5291	9/4/2019 8:14:39		-122.361	37.7149				1974.41239	RS-700	0.181156169
5292	9/4/2019 8:14:40		-122.361	37.7149				2012.61993	RS-700	0.371243433
5293	9/4/2019 8:14:41		-122.361	37.7149				1935.49913	RS-700	-0.012442139
5294	9/4/2019 8:14:42		-122.361	37.7148				1918.58997	RS-700	-0.096567313
5295	9/4/2019 8:14:43		-122.361	37.7148				1910.77915	RS-700	-0.135427114
5296	9/4/2019 8:14:44		-122.361	37.7148				1981.51035	RS-700	0.216469403
5297	9/4/2019 8:14:45		-122.361	37.7148				2036.20943	RS-700	0.488604129
5298	9/4/2019 8:14:46		-122.361	37.7148				1952.60122	RS-700	0.072642886
5299	9/4/2019 8:14:47		-122.361	37.7148				1922.87791	RS-700	-0.075234279
5300	9/4/2019 8:14:48		-122.361	37.7148				2002.71704	RS-700	0.321975323
5301	9/4/2019 8:14:49		-122.361	37.7148				1842.39175	RS-700	-0.475662935
5302	9/4/2019 8:14:50		-122.361	37.7148				1972.19818	RS-700	0.170140199
5303	9/4/2019 8:14:51		-122.361	37.7148				1965.10799	RS-700	0.134865622
5304	9/4/2019 8:14:52		-122.361	37.7148				1957.69948	RS-700	0.098007363
5305	9/4/2019 8:14:53		-122.361	37.7148				2006.91734	RS-700	0.342872338
5306	9/4/2019 8:14:54		-122.361	37.7148				1944.79792	RS-700	0.033820498

Gamma Scan Survey Results
Survey Unit 5 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
5307	9/4/2019 8:14:55		-122.361	37.7148				1945.59704	RS-700	0.037796219
5308	9/4/2019 8:14:56		-122.361	37.7148				1854.78525	RS-700	-0.414003731
5309	9/4/2019 8:14:57		-122.361	37.7148				1843.29592	RS-700	-0.471164577
5310	9/4/2019 8:14:58		-122.361	37.7148				1911.60088	RS-700	-0.131338905
5311	9/4/2019 8:14:59		-122.361	37.7148				1920.30045	RS-700	-0.088057463
5312	9/4/2019 8:15:00		-122.361	37.7148				1884.19992	RS-700	-0.26766209
5313	9/4/2019 8:15:01		-122.361	37.7148				1920.87508	RS-700	-0.085198607
5314	9/4/2019 8:15:02		-122.361	37.7148				1803.73929	RS-700	-0.667963731
5315	9/4/2019 8:15:03		-122.361	37.7148				1857.38534	RS-700	-0.40106796
5316	9/4/2019 8:15:04		-122.361	37.7148				1858.8544	RS-700	-0.393759204
5317	9/4/2019 8:15:05		-122.361	37.7148				1753.53224	RS-700	-0.91775005
5318	9/4/2019 8:15:06		-122.361	37.7148				1852.55585	RS-700	-0.425095274
5319	9/4/2019 8:15:07		-122.361	37.7148				1878.66943	RS-700	-0.295176965
5320	9/4/2019 8:15:08		-122.361	37.7148				1811.29118	RS-700	-0.630392139
5321	9/4/2019 8:15:09		-122.361	37.7148				1853.74026	RS-700	-0.419202687
5322	9/4/2019 8:15:10		-122.361	37.7148				1822.46842	RS-700	-0.57478398
5323	9/4/2019 8:15:11		-122.361	37.7148				1857.66177	RS-700	-0.399692687
5324	9/4/2019 8:15:12		-122.361	37.7148				1847.21523	RS-700	-0.451665522
5325	9/4/2019 8:15:13		-122.361	37.7148				1752.62357	RS-700	-0.922270796
5326	9/4/2019 8:15:14		-122.361	37.7148				1880.39333	RS-700	-0.286600348
5327	9/4/2019 8:15:15		-122.361	37.7148				1802.55087	RS-700	-0.673876269
5328	9/4/2019 8:15:16		-122.361	37.7148				1871.76458	RS-700	-0.329529453
5329	9/4/2019 8:15:17		-122.361	37.7148				1958.30691	RS-700	0.101029403
5330	9/4/2019 8:15:18		-122.361	37.7148				1974.81004	RS-700	0.183134527
5331	9/4/2019 8:15:19		-122.361	37.7148				1994.30496	RS-700	0.280124179
5332	9/4/2019 8:15:20		-122.361	37.7148				1904.66733	RS-700	-0.165834179
5333	9/4/2019 8:15:21		-122.361	37.7148				1992.71206	RS-700	0.272199303
5334	9/4/2019 8:15:22		-122.361	37.7148				1881.67584	RS-700	-0.280219701
5335	9/4/2019 8:15:23		-122.361	37.7148				1943.69576	RS-700	0.028337114
5336	9/4/2019 8:15:24		-122.361	37.7148				1987.50879	RS-700	0.246312388
5337	9/4/2019 8:15:25		-122.361	37.7148				1947.59775	RS-700	0.04775
5338	9/4/2019 8:15:26		-122.361	37.7148				1955.71018	RS-700	0.088110348
5339	9/4/2019 8:15:27		-122.361	37.7148				1957.89465	RS-700	0.098978358
5340	9/4/2019 8:15:28		-122.361	37.7147				1888.58061	RS-700	-0.245867612
5341	9/4/2019 8:15:29		-122.361	37.7147				1956.69938	RS-700	0.093031741
5342	9/4/2019 8:15:30		-122.361	37.7147				2000.91373	RS-700	0.313003632
5343	9/4/2019 8:15:31		-122.361	37.7147				1946.49741	RS-700	0.042275672
5344	9/4/2019 8:15:32		-122.361	37.7147				1935.40025	RS-700	-0.01293408
5345	9/4/2019 8:15:33		-122.361	37.7147				1830.65378	RS-700	-0.534060796
5346	9/4/2019 8:15:34		-122.361	37.7147				2074.35658	RS-700	0.678390945
5347	9/4/2019 8:15:35		-122.361	37.7147				1914.68664	RS-700	-0.115986866
5348	9/4/2019 8:15:36		-122.361	37.7147				1859.57603	RS-700	-0.390169005
5349	9/4/2019 8:15:37		-122.361	37.7147				1930.29892	RS-700	-0.038313831
5350	9/4/2019 8:15:38		-122.361	37.7147				1894.68617	RS-700	-0.215491692
5351	9/4/2019 8:15:39		-122.36	37.7147				1894.20325	RS-700	-0.217894279
5352	9/4/2019 8:15:40		-122.36	37.7147				1861.68843	RS-700	-0.379659552
5353	9/4/2019 8:15:41		-122.36	37.7147				1898.2007	RS-700	-0.198006468
5354	9/4/2019 8:15:42		-122.36	37.7147				1941.31275	RS-700	0.016481343
5355	9/4/2019 8:15:43		-122.36	37.7147				1841.64508	RS-700	-0.479377711
5356	9/4/2019 8:15:44		-122.36	37.7147				1937.59582	RS-700	-0.002010846
5357	9/4/2019 8:15:45		-122.36	37.7147				1889.38982	RS-700	-0.241841692
5358	9/4/2019 8:15:46		-122.36	37.7147				1896.58351	RS-700	-0.206052189
5359	9/4/2019 8:15:47		-122.36	37.7147				1881.67095	RS-700	-0.28024403
5360	9/4/2019 8:15:48		-122.36	37.7147				1870.04056	RS-700	-0.338106667
5361	9/4/2019 8:15:49		-122.36	37.7147				1865.9416	RS-700	-0.358499502
5362	9/4/2019 8:15:50		-122.36	37.7147				1867.94837	RS-700	-0.348515572
5363	9/4/2019 8:15:51		-122.36	37.7147				1873.76284	RS-700	-0.319587861
5364	9/4/2019 8:15:52		-122.36	37.7147				1880.57905	RS-700	-0.285676368
5365	9/4/2019 8:15:53		-122.36	37.7147				1974.80864	RS-700	0.183127562
5366	9/4/2019 8:15:54		-122.36	37.7147				1784.90286	RS-700	-0.761677313
5367	9/4/2019 8:15:55		-122.36	37.7147				1904.49744	RS-700	-0.166679403

Gamma Scan Survey Results
Survey Unit 5 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
5368	9/4/2019 8:15:56		-122.36	37.7147				1968.50125	RS-700	0.151747512
5369	9/4/2019 8:15:57		-122.36	37.7147				1927.97679	RS-700	-0.049866716
5370	9/4/2019 8:15:58		-122.36	37.7147				1898.95863	RS-700	-0.194235672
5371	9/4/2019 8:15:59		-122.36	37.7147				1897.39102	RS-700	-0.202034726
5372	9/4/2019 8:16:00		-122.36	37.7147				1899.11309	RS-700	-0.193467214
5373	9/4/2019 8:16:01		-122.36	37.7147				1927.07487	RS-700	-0.054353881
5374	9/4/2019 8:16:02		-122.36	37.7147				1933.69369	RS-700	-0.021424428
5375	9/4/2019 8:16:03		-122.36	37.7147				1912.6867	RS-700	-0.125936816
5376	9/4/2019 8:16:04		-122.36	37.7147				1902.58336	RS-700	-0.176202189
5377	9/4/2019 8:16:05		-122.36	37.7147				1857.47867	RS-700	-0.400603632
5378	9/4/2019 8:16:06		-122.36	37.7147				1904.49065	RS-700	-0.166713184
5379	9/4/2019 8:16:07		-122.36	37.7147				1880.58213	RS-700	-0.285661045
5380	9/4/2019 8:16:08		-122.36	37.7147				1865.38512	RS-700	-0.36126806
5381	9/4/2019 8:16:09		-122.36	37.7147				1840.65759	RS-700	-0.484290597
5382	9/4/2019 8:16:10		-122.36	37.7147				1882.33197	RS-700	-0.276955373
5383	9/4/2019 8:16:11		-122.36	37.7147				1898.67938	RS-700	-0.195624975
5384	9/4/2019 8:16:12		-122.36	37.7147				1843.66203	RS-700	-0.469343134
5385	9/4/2019 8:16:13		-122.36	37.7147				1830.65432	RS-700	-0.534058109
5386	9/4/2019 8:16:14		-122.36	37.7147				1846.4815	RS-700	-0.45531592
5387	9/4/2019 8:16:15		-122.36	37.7147				1891.66992	RS-700	-0.23049791
5388	9/4/2019 8:16:16		-122.36	37.7147				1801.71998	RS-700	-0.67801005
5389	9/4/2019 8:16:17		-122.36	37.7147				1826.37697	RS-700	-0.555338458
5390	9/4/2019 8:16:18		-122.36	37.7147				1766.63372	RS-700	-0.852568557
5391	9/4/2019 8:16:19		-122.36	37.7147				1777.3677	RS-700	-0.799165672
5392	9/4/2019 8:16:20		-122.36	37.7147				1895.58298	RS-700	-0.21102995
5393	9/4/2019 8:16:21		-122.36	37.7147				1755.19124	RS-700	-0.909496318
5394	9/4/2019 8:16:22		-122.36	37.7147				1780.72575	RS-700	-0.782458955
5395	9/4/2019 8:16:23		-122.36	37.7146				1856.57406	RS-700	-0.405104179
5396	9/4/2019 8:16:24		-122.36	37.7146				1849.84162	RS-700	-0.438598905
5397	9/4/2019 8:16:25		-122.36	37.7146				1879.57736	RS-700	-0.2906599
5398	9/4/2019 8:16:26		-122.36	37.7146				1948.7998	RS-700	0.053730348
5399	9/4/2019 8:16:27		-122.36	37.7146				1928.5918	RS-700	-0.046806965
5400	9/4/2019 8:16:28		-122.36	37.7146				1896.96891	RS-700	-0.204134776
5401	9/4/2019 8:16:29		-122.36	37.7146				1843.39294	RS-700	-0.470681891
5402	9/4/2019 8:16:30		-122.36	37.7146				1895.48907	RS-700	-0.211497164
5403	9/4/2019 8:16:31		-122.36	37.7146				1821.37506	RS-700	-0.580223582
5404	9/4/2019 8:16:32		-122.36	37.7146				1866.39315	RS-700	-0.356252985
5405	9/4/2019 8:16:33		-122.36	37.7146				1878.4834	RS-700	-0.296102488
5406	9/4/2019 8:16:34		-122.36	37.7146				1852.56917	RS-700	-0.425029005
5407	9/4/2019 8:16:35		-122.36	37.7146				1856.75572	RS-700	-0.404200398
5408	9/4/2019 8:16:36		-122.36	37.7146				1876.58628	RS-700	-0.305540896
5409	9/4/2019 8:16:37		-122.36	37.7146				1896.20234	RS-700	-0.207948557
5410	9/4/2019 8:16:38		-122.36	37.7146				1854.46528	RS-700	-0.415595622
5411	9/4/2019 8:16:39		-122.36	37.7146				1848.03361	RS-700	-0.44759398
5412	9/4/2019 8:16:40		-122.36	37.7146				1853.94071	RS-700	-0.418205423
5413	9/4/2019 8:16:41		-122.36	37.7146				1730.62844	RS-700	-1.031699303
5414	9/4/2019 8:16:42		-122.36	37.7146				1879.67218	RS-700	-0.290188159
5415	9/4/2019 8:16:43		-122.36	37.7146				1858.39486	RS-700	-0.396045473
5416	9/4/2019 8:16:44		-122.36	37.7146				1744.55306	RS-700	-0.962422587
5417	9/4/2019 8:16:45		-122.36	37.7146				1729.62143	RS-700	-1.036709303
5418	9/4/2019 8:16:46		-122.36	37.7146				1684.33858	RS-700	-1.261997114
5419	9/4/2019 8:16:47		-122.36	37.7146				1653.26146	RS-700	-1.416609652
5420	9/4/2019 8:16:48		-122.36	37.7146				1755.97518	RS-700	-0.905596119
5421	9/4/2019 8:16:49		-122.36	37.7146				1743.45319	RS-700	-0.967894577
5422	9/4/2019 8:16:50		-122.36	37.7146				1743.35733	RS-700	-0.968371493
5423	9/4/2019 8:16:51		-122.36	37.7146				1720.61339	RS-700	-1.081525423
5424	9/4/2019 8:16:52		-122.36	37.7146				1739.6194	RS-700	-0.986968159
5425	9/4/2019 8:16:53		-122.36	37.7146				1747.62413	RS-700	-0.947143632
5426	9/4/2019 8:16:54		-122.36	37.7146				1733.88185	RS-700	-1.015513184
5427	9/4/2019 8:16:55		-122.36	37.7146				1840.37571	RS-700	-0.485692985
5428	9/4/2019 8:16:56		-122.36	37.7146				1862.65781	RS-700	-0.374836766

Gamma Scan Survey Results
Survey Unit 5 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
5429	9/4/2019 8:16:57		-122.36	37.7146				1818.46835	RS-700	-0.594684826
5430	9/4/2019 8:16:58		-122.36	37.7146				1957.70229	RS-700	0.098021343
5431	9/4/2019 8:16:59		-122.36	37.7146				1837.83944	RS-700	-0.498311244
5432	9/4/2019 8:17:00		-122.36	37.7146				1878.85636	RS-700	-0.294246965
5433	9/4/2019 8:17:01		-122.36	37.7146				1837.74099	RS-700	-0.498801045
5434	9/4/2019 8:17:02		-122.36	37.7146				1928.4988	RS-700	-0.047269652
5435	9/4/2019 8:17:03		-122.36	37.7146				1867.02253	RS-700	-0.353121741
5436	9/4/2019 8:17:04		-122.36	37.7146				1828.92725	RS-700	-0.542650498
5437	9/4/2019 8:17:05		-122.36	37.7146				1912.87248	RS-700	-0.125012537
5438	9/4/2019 8:17:06		-122.36	37.7146				1963.70042	RS-700	0.127862786
5439	9/4/2019 8:17:07		-122.36	37.7146				1943.58225	RS-700	0.027772388
5440	9/4/2019 8:17:08		-122.36	37.7146				1984.91439	RS-700	0.233404925
5441	9/4/2019 8:17:09		-122.36	37.7146				1881.57503	RS-700	-0.280721244
5442	9/4/2019 8:17:10		-122.36	37.7146				1910.68251	RS-700	-0.13590791
5443	9/4/2019 8:17:11		-122.36	37.7146				1962.60174	RS-700	0.122396716
5444	9/4/2019 8:17:12		-122.36	37.7146				1978.90517	RS-700	0.203508308
5445	9/4/2019 8:17:13		-122.36	37.7146				1866.84939	RS-700	-0.353983134
5446	9/4/2019 8:17:14		-122.36	37.7146				1819.83074	RS-700	-0.587906766
5447	9/4/2019 8:17:15		-122.36	37.7146				1857.287	RS-700	-0.401557214
5448	9/4/2019 8:17:16		-122.36	37.7146				1813.00688	RS-700	-0.621856318
5449	9/4/2019 8:17:17		-122.36	37.7146				1805.00345	RS-700	-0.661674378
5450	9/4/2019 8:17:18		-122.36	37.7146				1896.59996	RS-700	-0.205970348
5451	9/4/2019 8:17:19		-122.36	37.7146				1825.37092	RS-700	-0.560343682
5452	9/4/2019 8:17:20		-122.36	37.7146				1872.85224	RS-700	-0.324118209
5453	9/4/2019 8:17:21		-122.36	37.7146				1735.53724	RS-700	-1.007277413
5454	9/4/2019 8:17:22		-122.36	37.7146				1872.47793	RS-700	-0.325980448
5455	9/4/2019 8:17:23		-122.36	37.7146				1847.02633	RS-700	-0.452605323
5456	9/4/2019 8:17:24		-122.36	37.7146				1827.47592	RS-700	-0.549871045
5457	9/4/2019 8:17:25		-122.36	37.7146				1835.63951	RS-700	-0.509256169
5458	9/4/2019 8:17:26		-122.36	37.7146				1784.90497	RS-700	-0.761666816
5459	9/4/2019 8:17:27		-122.36	37.7146				1843.8475	RS-700	-0.468420398
5460	9/4/2019 8:17:28		-122.36	37.7146				1820.56114	RS-700	-0.584272935
5461	9/4/2019 8:17:29		-122.36	37.7146				1865.57177	RS-700	-0.360339453
5462	9/4/2019 8:17:30		-122.36	37.7146				1882.4825	RS-700	-0.276206468
5463	9/4/2019 8:17:31		-122.36	37.7146				1832.64912	RS-700	-0.524133731
5464	9/4/2019 8:17:32		-122.36	37.7146				1795.73388	RS-700	-0.707791642
5465	9/4/2019 8:17:33		-122.36	37.7146				1839.47426	RS-700	-0.490177811
5466	9/4/2019 8:17:34		-122.36	37.7146				1803.73562	RS-700	-0.66798199
5467	9/4/2019 8:17:35		-122.36	37.7146				1873.7818	RS-700	-0.319493532
5468	9/4/2019 8:17:36		-122.36	37.7146				1818.74147	RS-700	-0.59332602
5469	9/4/2019 8:17:37		-122.36	37.7146				1801.47	RS-700	-0.679253731
5470	9/4/2019 8:17:38		-122.36	37.7146				1946.69761	RS-700	0.043271692
5471	9/4/2019 8:17:39		-122.36	37.7146				1942.701	RS-700	0.02338806
5472	9/4/2019 8:17:40		-122.36	37.7146				1829.64685	RS-700	-0.539070398
5473	9/4/2019 8:17:41		-122.36	37.7146				1835.57103	RS-700	-0.509596866
5474	9/4/2019 8:17:42		-122.36	37.7146				1878.38388	RS-700	-0.296597612
5475	9/4/2019 8:17:43		-122.36	37.7146				1812.63374	RS-700	-0.623712736
5476	9/4/2019 8:17:44		-122.36	37.7145				1887.95121	RS-700	-0.248998955
5477	9/4/2019 8:17:45		-122.36	37.7145				1871.56685	RS-700	-0.330513184
5478	9/4/2019 8:17:46		-122.36	37.7145				1900.86717	RS-700	-0.184740448
5479	9/4/2019 8:17:47		-122.36	37.7145				1947.56999	RS-700	0.047611891
5480	9/4/2019 8:17:48		-122.36	37.7145				1887.23816	RS-700	-0.252546468
5481	9/4/2019 8:17:49		-122.36	37.7145				1884.57077	RS-700	-0.265817065
5482	9/4/2019 8:17:50		-122.36	37.7145				1893.39767	RS-700	-0.221902139
5483	9/4/2019 8:17:51		-122.36	37.7145				1874.57913	RS-700	-0.315526716
5484	9/4/2019 8:17:52		-122.36	37.7145				1877.66879	RS-700	-0.300155274
5485	9/4/2019 8:17:53		-122.36	37.7145				1879.76371	RS-700	-0.289732786
5486	9/4/2019 8:17:54		-122.36	37.7145				1832.47187	RS-700	-0.525015572
5487	9/4/2019 8:17:55		-122.36	37.7145				1873.76994	RS-700	-0.319552537
5488	9/4/2019 8:17:56		-122.36	37.7145				1910.48925	RS-700	-0.136869403
5489	9/4/2019 8:17:57		-122.36	37.7145				1898.48482	RS-700	-0.196592935

Gamma Scan Survey Results
Survey Unit 5 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
5490	9/4/2019 8:17:58		-122.36	37.7145				1877.67664	RS-700	-0.300116219
5491	9/4/2019 8:17:59		-122.36	37.7145				1939.49551	RS-700	0.007440348
5492	9/4/2019 8:18:00		-122.36	37.7145				1931.88524	RS-700	-0.030421692
5493	9/4/2019 8:18:01		-122.36	37.7145				1866.48606	RS-700	-0.355790746
5494	9/4/2019 8:18:02		-122.36	37.7145				1940.2988	RS-700	0.011436816
5495	9/4/2019 8:18:03		-122.36	37.7145				1800.48196	RS-700	-0.684169353
5496	9/4/2019 8:18:04		-122.36	37.7145				1828.74539	RS-700	-0.543555274
5497	9/4/2019 8:18:05		-122.36	37.7145				1903.58175	RS-700	-0.171235075
5498	9/4/2019 8:18:06		-122.36	37.7145				1891.76225	RS-700	-0.230038557
5499	9/4/2019 8:18:07		-122.36	37.7145				1786.6386	RS-700	-0.753041791
5500	9/4/2019 8:18:08		-122.36	37.7145				1856.47791	RS-700	-0.405582537
5501	9/4/2019 8:18:09		-122.36	37.7145				1771.54343	RS-700	-0.828142139
5502	9/4/2019 8:18:10		-122.36	37.7145				1874.29233	RS-700	-0.316953582
5503	9/4/2019 8:18:11		-122.36	37.7145				1929.39848	RS-700	-0.042793632
5504	9/4/2019 8:18:12		-122.36	37.7145				1863.84814	RS-700	-0.368914726
5505	9/4/2019 8:18:13		-122.36	37.7145				1835.6583	RS-700	-0.509162687
5506	9/4/2019 8:18:14		-122.36	37.7145				1827.46546	RS-700	-0.549923085
5507	9/4/2019 8:18:15		-122.36	37.7145				1824.46907	RS-700	-0.564830498
5508	9/4/2019 8:18:16		-122.36	37.7145				1874.87305	RS-700	-0.314064428
5509	9/4/2019 8:18:17		-122.36	37.7145				1859.94358	RS-700	-0.388340398
5510	9/4/2019 8:18:18		-122.36	37.7145				1836.28772	RS-700	-0.506031244
5511	9/4/2019 8:18:19		-122.36	37.7145				1857.03112	RS-700	-0.402830249
5512	9/4/2019 8:18:20		-122.36	37.7145				1765.99506	RS-700	-0.85574597
5513	9/4/2019 8:18:21		-122.36	37.7145				1737.35901	RS-700	-0.998213881
5514	9/4/2019 8:18:22		-122.36	37.7145				1788.46342	RS-700	-0.743963085
5515	9/4/2019 8:18:23		-122.36	37.7145				1942.4664	RS-700	0.022220896
5516	9/4/2019 8:18:24		-122.36	37.7145				1816.28771	RS-700	-0.605533781
5517	9/4/2019 8:18:25		-122.36	37.7145				1854.47387	RS-700	-0.415552886
5518	9/4/2019 8:18:26		-122.36	37.7145				1784.64037	RS-700	-0.762983234
5519	9/4/2019 8:18:27		-122.36	37.7145				1816.65106	RS-700	-0.60372607
5520	9/4/2019 8:18:28		-122.36	37.7145				1746.80133	RS-700	-0.951237164
5521	9/4/2019 8:18:29		-122.36	37.7145				1831.46152	RS-700	-0.530042189
5522	9/4/2019 8:18:30		-122.36	37.7145				1808.65832	RS-700	-0.643490945
5523	9/4/2019 8:18:31		-122.36	37.7145				1864.22873	RS-700	-0.367021244
5524	9/4/2019 8:18:32		-122.36	37.7144				1815.64079	RS-700	-0.608752289
5525	9/4/2019 8:18:33		-122.36	37.7144				1771.72194	RS-700	-0.82725403
5526	9/4/2019 8:18:34		-122.36	37.7144				1803.47029	RS-700	-0.66930204
5527	9/4/2019 8:18:35		-122.36	37.7144				1747.44836	RS-700	-0.948018109
5528	9/4/2019 8:18:36		-122.36	37.7144				1802.00275	RS-700	-0.676603234
5529	9/4/2019 8:18:37		-122.36	37.7144				1800.82162	RS-700	-0.682479502
5530	9/4/2019 8:18:38		-122.36	37.7144				1796.73224	RS-700	-0.702824677
5531	9/4/2019 8:18:39		-122.36	37.7144				1771.72627	RS-700	-0.827232488
5532	9/4/2019 8:18:40		-122.36	37.7144				1805.74288	RS-700	-0.657995622
5533	9/4/2019 8:18:41		-122.36	37.7144				1870.12988	RS-700	-0.337662289
5534	9/4/2019 8:18:42		-122.36	37.7144				1898.58356	RS-700	-0.196101692
5535	9/4/2019 8:18:43		-122.36	37.7144				1825.74263	RS-700	-0.558494378
5536	9/4/2019 8:18:44		-122.36	37.7144				1903.67973	RS-700	-0.170747612
5537	9/4/2019 8:18:45		-122.36	37.7144				1862.29678	RS-700	-0.376632935
5538	9/4/2019 8:18:46		-122.36	37.7144				1906.38484	RS-700	-0.157289353
5539	9/4/2019 8:18:47		-122.36	37.7144				1841.37879	RS-700	-0.480702537
5540	9/4/2019 8:18:48		-122.36	37.7144				1860.48514	RS-700	-0.38564607
5541	9/4/2019 8:18:49		-122.36	37.7144				1859.285	RS-700	-0.391616915
5542	9/4/2019 8:18:50		-122.36	37.7144				1868.04427	RS-700	-0.348038458
5543	9/4/2019 8:18:51		-122.36	37.7144				1835.67036	RS-700	-0.509102687
5544	9/4/2019 8:18:52		-122.36	37.7144				1881.4869	RS-700	-0.281159701
5545	9/4/2019 8:18:53		-122.36	37.7144				1832.37842	RS-700	-0.525480498
5546	9/4/2019 8:18:54		-122.36	37.7144				1869.66734	RS-700	-0.339963483
5547	9/4/2019 8:18:55		-122.36	37.7144				1861.47812	RS-700	-0.380705871
5548	9/4/2019 8:18:56		-122.36	37.7144				1835.19542	RS-700	-0.511465572
5549	9/4/2019 8:18:57		-122.36	37.7144				1817.01395	RS-700	-0.601920647
5550	9/4/2019 8:18:58		-122.36	37.7144				1825.8317	RS-700	-0.558051244

Gamma Scan Survey Results
Survey Unit 5 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
5551	9/4/2019 8:18:59		-122.36	37.7144				1813.65892	RS-700	-0.618612338
5552	9/4/2019 8:19:00		-122.36	37.7144				1804.28645	RS-700	-0.665241542
5553	9/4/2019 8:19:01		-122.36	37.7144				1833.37783	RS-700	-0.520508308
5554	9/4/2019 8:19:02		-122.36	37.7144				1735.53427	RS-700	-1.007292189
5555	9/4/2019 8:19:03		-122.36	37.7144				1726.52886	RS-700	-1.052095224
5556	9/4/2019 8:19:04		-122.36	37.7144				1801.80633	RS-700	-0.677580448
5557	9/4/2019 8:19:05		-122.36	37.7144				1809.2691	RS-700	-0.640452239
5558	9/4/2019 8:19:06		-122.36	37.7144				1772.63599	RS-700	-0.822706517
5559	9/4/2019 8:19:07		-122.36	37.7145				1799.56383	RS-700	-0.688737164
5560	9/4/2019 8:19:08		-122.36	37.7145				1676.51497	RS-700	-1.300920547
5561	9/4/2019 8:19:09		-122.36	37.7145				1802.85135	RS-700	-0.672381343
5562	9/4/2019 8:19:10		-122.36	37.7145				1807.91761	RS-700	-0.64717607
5563	9/4/2019 8:19:11		-122.36	37.7145				1806.0022	RS-700	-0.656705473
5564	9/4/2019 8:19:12		-122.36	37.7145				1770.80988	RS-700	-0.831791642
5565	9/4/2019 8:19:13		-122.36	37.7144				1745.18541	RS-700	-0.959276567
5566	9/4/2019 8:19:14		-122.36	37.7144				1809.47242	RS-700	-0.639440697
5567	9/4/2019 8:19:15		-122.36	37.7144				1768.80399	RS-700	-0.841771194
5568	9/4/2019 8:19:16		-122.36	37.7144				1832.01744	RS-700	-0.527276418
5569	9/4/2019 8:19:17		-122.36	37.7144				1818.83034	RS-700	-0.592883881
5570	9/4/2019 8:19:18		-122.36	37.7144				1875.22828	RS-700	-0.312297114
5571	9/4/2019 8:19:19		-122.36	37.7144				1789.63585	RS-700	-0.7381301
5572	9/4/2019 8:19:20		-122.36	37.7144				1825.02633	RS-700	-0.56205806
5573	9/4/2019 8:19:21		-122.36	37.7144				1815.56135	RS-700	-0.609147512
5574	9/4/2019 8:19:22		-122.36	37.7145				1838.47293	RS-700	-0.495159552
5575	9/4/2019 8:19:23		-122.36	37.7144				1780.54681	RS-700	-0.783349204
5576	9/4/2019 8:19:24		-122.36	37.7145				1703.77589	RS-700	-1.16529408
5577	9/4/2019 8:19:25		-122.36	37.7145				1747.44888	RS-700	-0.948015522
5578	9/4/2019 8:19:26		-122.36	37.7145				1817.01362	RS-700	-0.601922289
5579	9/4/2019 8:19:27		-122.36	37.7145				1843.38413	RS-700	-0.470725721
5580	9/4/2019 8:19:28		-122.36	37.7145				1860.05136	RS-700	-0.387804179
5581	9/4/2019 8:19:29		-122.36	37.7145				1799.26676	RS-700	-0.690215124
5582	9/4/2019 8:19:30		-122.36	37.7145				1753.74798	RS-700	-0.916676716
5583	9/4/2019 8:19:31		-122.36	37.7145				1770.63222	RS-700	-0.832675522
5584	9/4/2019 8:19:32		-122.36	37.7145				1746.98231	RS-700	-0.950336766
5585	9/4/2019 8:19:33		-122.36	37.7145				1761.7164	RS-700	-0.877032836
5586	9/4/2019 8:19:34		-122.36	37.7145				1692.9483	RS-700	-1.219162687
5587	9/4/2019 8:19:35		-122.36	37.7145				1738.44186	RS-700	-0.992826567
5588	9/4/2019 8:19:36		-122.36	37.7145				1698.61653	RS-700	-1.190962537
5589	9/4/2019 8:19:37		-122.36	37.7145				1756.3856	RS-700	-0.903554229
5590	9/4/2019 8:19:38		-122.36	37.7145				1799.92136	RS-700	-0.686958408
5591	9/4/2019 8:19:39		-122.36	37.7145				1779.55161	RS-700	-0.788300448
5592	9/4/2019 8:19:40		-122.36	37.7145				1814.64447	RS-700	-0.613709104
5593	9/4/2019 8:19:41		-122.36	37.7145				1802.82455	RS-700	-0.672514677
5594	9/4/2019 8:19:42		-122.36	37.7145				1826.56125	RS-700	-0.554421642
5595	9/4/2019 8:19:43		-122.36	37.7145				1766.83588	RS-700	-0.851562786
5596	9/4/2019 8:19:44		-122.36	37.7145				1842.56645	RS-700	-0.474793781
5597	9/4/2019 8:19:45		-122.36	37.7145				1822.46827	RS-700	-0.574784726
5598	9/4/2019 8:19:46		-122.36	37.7145				1750.53789	RS-700	-0.932647313
5599	9/4/2019 8:19:47		-122.36	37.7145				1806.38108	RS-700	-0.654820498
5600	9/4/2019 8:19:48		-122.36	37.7145				1804.82622	RS-700	-0.662556119
5601	9/4/2019 8:19:49		-122.36	37.7145				1812.91933	RS-700	-0.622291891
5602	9/4/2019 8:19:50		-122.36	37.7145				1829.58356	RS-700	-0.539385274
5603	9/4/2019 8:19:51		-122.36	37.7145				1860.47222	RS-700	-0.385710348
5604	9/4/2019 8:19:52		-122.36	37.7145				1748.71346	RS-700	-0.94172408
5605	9/4/2019 8:19:53		-122.36	37.7145				1866.13396	RS-700	-0.357542488
5606	9/4/2019 8:19:54		-122.36	37.7145				1829.73847	RS-700	-0.538614577
5607	9/4/2019 8:19:55		-122.36	37.7145				1833.75879	RS-700	-0.518612985
5608	9/4/2019 8:19:56		-122.36	37.7145				1893.49111	RS-700	-0.221437264
5609	9/4/2019 8:19:57		-122.36	37.7145				1828.55792	RS-700	-0.54448796
5610	9/4/2019 8:19:58		-122.36	37.7145				1840.935	RS-700	-0.482910448
5611	9/4/2019 8:19:59		-122.36	37.7145				1827.28889	RS-700	-0.550801542

Gamma Scan Survey Results
Survey Unit 5 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
5612	9/4/2019 8:20:00		-122.36	37.7145				1828.37814	RS-700	-0.545382388
5613	9/4/2019 8:20:01		-122.36	37.7145				1821.83344	RS-700	-0.577943085
5614	9/4/2019 8:20:02		-122.36	37.7145				1839.37955	RS-700	-0.490649005
5615	9/4/2019 8:20:03		-122.36	37.7145				1839.84428	RS-700	-0.488336915
5616	9/4/2019 8:20:04		-122.36	37.7145				1804.46533	RS-700	-0.664351592
5617	9/4/2019 8:20:05		-122.36	37.7145				1777.65077	RS-700	-0.797757363
5618	9/4/2019 8:20:06		-122.36	37.7145				1775.36228	RS-700	-0.809142886
5619	9/4/2019 8:20:07		-122.36	37.7145				1909.39475	RS-700	-0.142314677
5620	9/4/2019 8:20:08		-122.36	37.7145				1829.75557	RS-700	-0.538529502
5621	9/4/2019 8:20:09		-122.36	37.7145				1876.57552	RS-700	-0.305594428
5622	9/4/2019 8:20:10		-122.36	37.7145				1825.7484	RS-700	-0.558465672
5623	9/4/2019 8:20:11		-122.36	37.7145				1879.6725	RS-700	-0.290186567
5624	9/4/2019 8:20:12		-122.36	37.7145				1912.77053	RS-700	-0.125519751
5625	9/4/2019 8:20:13		-122.36	37.7145				1857.38381	RS-700	-0.401075572
5626	9/4/2019 8:20:14		-122.36	37.7145				1832.49775	RS-700	-0.524886816
5627	9/4/2019 8:20:15		-122.36	37.7145				1828.74383	RS-700	-0.543563035
5628	9/4/2019 8:20:16		-122.36	37.7145				1869.38373	RS-700	-0.341374478
5629	9/4/2019 8:20:17		-122.36	37.7145				1815.73935	RS-700	-0.60826194
5630	9/4/2019 8:20:18		-122.36	37.7145				1795.82494	RS-700	-0.707338607
5631	9/4/2019 8:20:19		-122.36	37.7145				1837.75661	RS-700	-0.498723333
5632	9/4/2019 8:20:20		-122.36	37.7145				1895.59132	RS-700	-0.210988458
5633	9/4/2019 8:20:21		-122.36	37.7145				1898.7726	RS-700	-0.195161194
5634	9/4/2019 8:20:22		-122.36	37.7145				1941.69026	RS-700	0.018359502
5635	9/4/2019 8:20:23		-122.36	37.7145				1870.30021	RS-700	-0.336814876
5636	9/4/2019 8:20:24		-122.36	37.7145				1855.38454	RS-700	-0.411022189
5637	9/4/2019 8:20:25		-122.36	37.7145				1927.49367	RS-700	-0.052270299
5638	9/4/2019 8:20:26		-122.36	37.7145				1849.19697	RS-700	-0.441806119
5639	9/4/2019 8:20:27		-122.36	37.7145				1906.68187	RS-700	-0.155811592
5640	9/4/2019 8:20:28		-122.36	37.7145				1928.59431	RS-700	-0.046794478
5641	9/4/2019 8:20:29		-122.36	37.7145				1830.11169	RS-700	-0.536757761
5642	9/4/2019 8:20:30		-122.36	37.7145				1847.47107	RS-700	-0.450392687
5643	9/4/2019 8:20:31		-122.36	37.7145				1913.77525	RS-700	-0.120521144
5644	9/4/2019 8:20:32		-122.36	37.7145				1797.64403	RS-700	-0.698288408
5645	9/4/2019 8:20:33		-122.36	37.7145				1837.76706	RS-700	-0.498671343
5646	9/4/2019 8:20:34		-122.36	37.7146				1824.46678	RS-700	-0.564841891
5647	9/4/2019 8:20:35		-122.36	37.7146				1911.67831	RS-700	-0.130953682
5648	9/4/2019 8:20:36		-122.36	37.7146				1833.11808	RS-700	-0.521800597
5649	9/4/2019 8:20:37		-122.36	37.7146				1800.546	RS-700	-0.683850746
5650	9/4/2019 8:20:38		-122.36	37.7146				1843.29349	RS-700	-0.471176667
5651	9/4/2019 8:20:39		-122.36	37.7146				1871.94989	RS-700	-0.328607512
5652	9/4/2019 8:20:40		-122.36	37.7146				1826.46863	RS-700	-0.554882438
5653	9/4/2019 8:20:41		-122.36	37.7146				1802.82265	RS-700	-0.672524129
5654	9/4/2019 8:20:42		-122.36	37.7146				1811.4656	RS-700	-0.629524378
5655	9/4/2019 8:20:43		-122.36	37.7146				1814.37641	RS-700	-0.615042736
5656	9/4/2019 8:20:44		-122.36	37.7146				1748.71265	RS-700	-0.941728109
5657	9/4/2019 8:20:45		-122.36	37.7146				1808.73896	RS-700	-0.643089751
5658	9/4/2019 8:20:46		-122.36	37.7146				1761.36432	RS-700	-0.878784478
5659	9/4/2019 8:20:47		-122.36	37.7146				1802.54529	RS-700	-0.67390403
5660	9/4/2019 8:20:48		-122.36	37.7146				1783.7193	RS-700	-0.767565672
5661	9/4/2019 8:20:49		-122.36	37.7146				1735.45221	RS-700	-1.007700448
5662	9/4/2019 8:20:50		-122.36	37.7146				1784.91946	RS-700	-0.761594726
5663	9/4/2019 8:20:51		-122.36	37.7146				1720.26267	RS-700	-1.083270299
5664	9/4/2019 8:20:52		-122.36	37.7146				1837.28053	RS-700	-0.501091891
5665	9/4/2019 8:20:53		-122.36	37.7146				1803.3712	RS-700	-0.669795025
5666	9/4/2019 8:20:54		-122.36	37.7146				1804.76175	RS-700	-0.662876866
5667	9/4/2019 8:20:55		-122.36	37.7146				1837.47299	RS-700	-0.500134378
5668	9/4/2019 8:20:56		-122.36	37.7146				1786.36937	RS-700	-0.754381244
5669	9/4/2019 8:20:57		-122.36	37.7146				1797.64182	RS-700	-0.698299403
5670	9/4/2019 8:20:58		-122.36	37.7146				1838.66134	RS-700	-0.494222189
5671	9/4/2019 8:20:59		-122.36	37.7146				1787.10446	RS-700	-0.75072408
5672	9/4/2019 8:21:00		-122.36	37.7146				1808.57282	RS-700	-0.643916318

Gamma Scan Survey Results
Survey Unit 5 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
5673	9/4/2019 8:21:01		-122.36	37.7146				1816.93438	RS-700	-0.602316517
5674	9/4/2019 8:21:02		-122.36	37.7146				1886.5812	RS-700	-0.255814925
5675	9/4/2019 8:21:03		-122.36	37.7146				1775.72051	RS-700	-0.807360647
5676	9/4/2019 8:21:04		-122.36	37.7146				1827.37798	RS-700	-0.550358308
5677	9/4/2019 8:21:05		-122.36	37.7146				1740.23473	RS-700	-0.983906816
5678	9/4/2019 8:21:06		-122.36	37.7146				1754.81089	RS-700	-0.911388607
5679	9/4/2019 8:21:07		-122.36	37.7146				1848.75242	RS-700	-0.444017811
5680	9/4/2019 8:21:08		-122.36	37.7146				1810.46187	RS-700	-0.63451806
5681	9/4/2019 8:21:09		-122.36	37.7146				1801.28897	RS-700	-0.680154378
5682	9/4/2019 8:21:10		-122.36	37.7146				1759.98358	RS-700	-0.885653831
5683	9/4/2019 8:21:11		-122.36	37.7146				1846.56743	RS-700	-0.454888408
5684	9/4/2019 8:21:12		-122.36	37.7146				1854.28246	RS-700	-0.416505174
5685	9/4/2019 8:21:13		-122.36	37.7146				1738.97954	RS-700	-0.990151542
5686	9/4/2019 8:21:14		-122.36	37.7146				1844.8343	RS-700	-0.463510945
5687	9/4/2019 8:21:15		-122.36	37.7146				1837.74491	RS-700	-0.498781542
5688	9/4/2019 8:21:16		-122.36	37.7146				1840.84004	RS-700	-0.483382886
5689	9/4/2019 8:21:17		-122.36	37.7146				1758.187	RS-700	-0.89459204
5690	9/4/2019 8:21:18		-122.36	37.7146				1809.64405	RS-700	-0.638586816
5691	9/4/2019 8:21:19		-122.36	37.7146				1855.85019	RS-700	-0.408705522
5692	9/4/2019 8:21:20		-122.36	37.7146				1872.57628	RS-700	-0.325491144
5693	9/4/2019 8:21:21		-122.36	37.7146				1838.4719	RS-700	-0.495164677
5694	9/4/2019 8:21:22		-122.36	37.7146				1894.67395	RS-700	-0.215552488
5695	9/4/2019 8:21:23		-122.36	37.7146				1879.96029	RS-700	-0.288754776
5696	9/4/2019 8:21:24		-122.36	37.7146				1924.68732	RS-700	-0.066232239
5697	9/4/2019 8:21:25		-122.36	37.7146				1788.07684	RS-700	-0.745886368
5698	9/4/2019 8:21:26		-122.36	37.7146				1804.73324	RS-700	-0.663018706
5699	9/4/2019 8:21:27		-122.36	37.7146				1860.94469	RS-700	-0.383359751
5700	9/4/2019 8:21:28		-122.36	37.7146				1765.71928	RS-700	-0.85711801
5701	9/4/2019 8:21:29		-122.36	37.7146				1883.76639	RS-700	-0.269818955
5702	9/4/2019 8:21:30		-122.36	37.7146				1865.48309	RS-700	-0.360780647
5703	9/4/2019 8:21:31		-122.36	37.7146				1940.8846	RS-700	0.014351244
5704	9/4/2019 8:21:32		-122.36	37.7146				1857.94331	RS-700	-0.39829199
5705	9/4/2019 8:21:33		-122.36	37.7146				1904.77878	RS-700	-0.165279701
5706	9/4/2019 8:21:34		-122.36	37.7146				1904.78215	RS-700	-0.165262935
5707	9/4/2019 8:21:35		-122.36	37.7146				1939.4963	RS-700	0.007444279
5708	9/4/2019 8:21:36		-122.36	37.7146				1903.29913	RS-700	-0.172641144
5709	9/4/2019 8:21:37		-122.36	37.7146				1904.29343	RS-700	-0.167694378
5710	9/4/2019 8:21:38		-122.36	37.7146				1972.60673	RS-700	0.172172786
5711	9/4/2019 8:21:39		-122.36	37.7146				1892.38392	RS-700	-0.226945672
5712	9/4/2019 8:21:40		-122.36	37.7146				1885.57185	RS-700	-0.260836567
5713	9/4/2019 8:21:41		-122.36	37.7146				1968.99873	RS-700	0.154222537
5714	9/4/2019 8:21:42		-122.36	37.7146				1984.71101	RS-700	0.232393085
5715	9/4/2019 8:21:43		-122.36	37.7146				1943.53617	RS-700	0.027543134
5716	9/4/2019 8:21:44		-122.36	37.7146				1937.88431	RS-700	-0.000575572
5717	9/4/2019 8:21:45		-122.36	37.7146				1870.56872	RS-700	-0.335479005
5718	9/4/2019 8:21:46		-122.36	37.7146				1810.10121	RS-700	-0.636312388
5719	9/4/2019 8:21:47		-122.36	37.7146				1769.89431	RS-700	-0.836346716
5720	9/4/2019 8:21:48		-122.36	37.7146				1758.97498	RS-700	-0.890671741
5721	9/4/2019 8:21:49		-122.36	37.7146				1802.54808	RS-700	-0.673890149
5722	9/4/2019 8:21:50		-122.36	37.7146				1750.6256	RS-700	-0.932210945
5723	9/4/2019 8:21:51		-122.36	37.7146				1759.36975	RS-700	-0.888707711
5724	9/4/2019 8:21:52		-122.36	37.7146				1739.80273	RS-700	-0.98605607
5725	9/4/2019 8:21:53		-122.36	37.7146				1726.26623	RS-700	-1.053401841
5726	9/4/2019 8:21:54		-122.36	37.7146				1711.52385	RS-700	-1.126747015
5727	9/4/2019 8:21:55		-122.36	37.7146				1736.71616	RS-700	-1.001412139
5728	9/4/2019 8:21:56		-122.36	37.7146				1773.4386	RS-700	-0.818713433
5729	9/4/2019 8:21:57		-122.36	37.7146				1760.36399	RS-700	-0.883761244
5730	9/4/2019 8:21:58		-122.36	37.7146				1660.51084	RS-700	-1.380543085
5731	9/4/2019 8:21:59		-122.36	37.7146				1818.19917	RS-700	-0.59602403
5732	9/4/2019 8:22:00		-122.36	37.7146				1792.99767	RS-700	-0.721404627
5733	9/4/2019 8:22:01		-122.36	37.7146				1749.62632	RS-700	-0.937182488

Gamma Scan Survey Results
Survey Unit 5 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
5734	9/4/2019 8:22:02		-122.36	37.7146				1797.46652	RS-700	-0.699171542
5735	9/4/2019 8:22:03		-122.36	37.7146				1891.37729	RS-700	-0.231953781
5736	9/4/2019 8:22:04		-122.36	37.7146				1928.78558	RS-700	-0.045842886
5737	9/4/2019 8:22:05		-122.36	37.7146				1836.56967	RS-700	-0.504628507
5738	9/4/2019 8:22:06		-122.36	37.7146				1906.39036	RS-700	-0.157261891
5739	9/4/2019 8:22:07		-122.36	37.7146				1861.57665	RS-700	-0.380215672
5740	9/4/2019 8:22:08		-122.36	37.7146				1842.75156	RS-700	-0.473872836
5741	9/4/2019 8:22:09		-122.36	37.7146				1851.56946	RS-700	-0.430002687
5742	9/4/2019 8:22:10		-122.36	37.7146				1753.71531	RS-700	-0.916839254
5743	9/4/2019 8:22:11		-122.36	37.7146				1875.95132	RS-700	-0.3086999
5744	9/4/2019 8:22:12		-122.36	37.7146				1921.07274	RS-700	-0.084215224
5745	9/4/2019 8:22:13		-122.36	37.7146				1956.40392	RS-700	0.091561791
5746	9/4/2019 8:22:14		-122.36	37.7146				2005.11773	RS-700	0.333919055
5747	9/4/2019 8:22:15		-122.36	37.7146				1915.58763	RS-700	-0.111504328
5748	9/4/2019 8:22:16		-122.36	37.7146				1892.77825	RS-700	-0.224983831
5749	9/4/2019 8:22:17		-122.36	37.7146				1875.38912	RS-700	-0.311496915
5750	9/4/2019 8:22:18		-122.36	37.7146				1896.77338	RS-700	-0.205107562
5751	9/4/2019 8:22:19		-122.36	37.7146				1935.78726	RS-700	-0.011008657
5752	9/4/2019 8:22:20		-122.36	37.7147				1948.79501	RS-700	0.053706517
5753	9/4/2019 8:22:21		-122.36	37.7147				1873.76124	RS-700	-0.319595821
5754	9/4/2019 8:22:22		-122.36	37.7147				1937.77735	RS-700	-0.001107711
5755	9/4/2019 8:22:23		-122.36	37.7147				1816.28629	RS-700	-0.605540846
5756	9/4/2019 8:22:24		-122.36	37.7147				1792.45183	RS-700	-0.724120249
5757	9/4/2019 8:22:25		-122.36	37.7147				1864.49441	RS-700	-0.365699453
5758	9/4/2019 8:22:26		-122.36	37.7147				1759.89188	RS-700	-0.88611005
5759	9/4/2019 8:22:27		-122.36	37.7147				1822.65178	RS-700	-0.573871741
5760	9/4/2019 8:22:28		-122.36	37.7147				1788.55531	RS-700	-0.74350592
5761	9/4/2019 8:22:29		-122.36	37.7147				1833.37377	RS-700	-0.520528507
5762	9/4/2019 8:22:30		-122.36	37.7147				1810.64958	RS-700	-0.633584179
5763	9/4/2019 8:22:31		-122.36	37.7147				1835.74685	RS-700	-0.508722139
5764	9/4/2019 8:22:32		-122.36	37.7147				1841.93414	RS-700	-0.477939602
5765	9/4/2019 8:22:33		-122.36	37.7147				1801.28161	RS-700	-0.680190995
5766	9/4/2019 8:22:34		-122.36	37.7147				1905.68116	RS-700	-0.160790249
5767	9/4/2019 8:22:35		-122.36	37.7147				1845.47026	RS-700	-0.460346965
5768	9/4/2019 8:22:36		-122.36	37.7147				1862.37973	RS-700	-0.376220249
5769	9/4/2019 8:22:37		-122.36	37.7147				1958.09665	RS-700	0.099983333
5770	9/4/2019 8:22:38		-122.36	37.7147				1862.04373	RS-700	-0.377891891
5771	9/4/2019 8:22:39		-122.36	37.7147				1895.86602	RS-700	-0.209621791
5772	9/4/2019 8:22:40		-122.36	37.7147				1875.76697	RS-700	-0.309617065
5773	9/4/2019 8:22:41		-122.36	37.7147				1907.20531	RS-700	-0.153207413
5774	9/4/2019 8:22:42		-122.36	37.7147				1986.50837	RS-700	0.241335174
5775	9/4/2019 8:22:43		-122.36	37.7147				1861.57432	RS-700	-0.380227264
5776	9/4/2019 8:22:44		-122.36	37.7147				1866.66344	RS-700	-0.354908259
5777	9/4/2019 8:22:45		-122.36	37.7147				1939.4054	RS-700	0.00699204
5778	9/4/2019 8:22:46		-122.36	37.7147				1938.69427	RS-700	0.00345408
5779	9/4/2019 8:22:47		-122.36	37.7147				1873.29296	RS-700	-0.321925572
5780	9/4/2019 8:22:48		-122.36	37.7147				1960.09014	RS-700	0.109901194
5781	9/4/2019 8:22:49		-122.36	37.7147				1993.30992	RS-700	0.275173731
5782	9/4/2019 8:22:50		-122.36	37.7147				1894.96638	RS-700	-0.214097612
5783	9/4/2019 8:22:51		-122.36	37.7147				1938.96848	RS-700	0.004818308
5784	9/4/2019 8:22:52		-122.36	37.7147				1929.78438	RS-700	-0.040873731
5785	9/4/2019 8:22:53		-122.36	37.7147				1871.6687	RS-700	-0.330006468
5786	9/4/2019 8:22:54		-122.36	37.7147				1902.66704	RS-700	-0.175785871
5787	9/4/2019 8:22:55		-122.36	37.7147				1923.78948	RS-700	-0.070699104
5788	9/4/2019 8:22:56		-122.36	37.7147				1920.88329	RS-700	-0.085157761
5789	9/4/2019 8:22:57		-122.36	37.7147				1887.85814	RS-700	-0.24946199
5790	9/4/2019 8:22:58		-122.36	37.7147				1857.03596	RS-700	-0.402806169
5791	9/4/2019 8:22:59		-122.36	37.7147				1879.67219	RS-700	-0.290188109
5792	9/4/2019 8:23:00		-122.36	37.7147				1904.67788	RS-700	-0.165781692
5793	9/4/2019 8:23:01		-122.36	37.7147				1876.85879	RS-700	-0.304185124
5794	9/4/2019 8:23:02		-122.36	37.7147				1914.68655	RS-700	-0.115987313

Gamma Scan Survey Results
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SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
5795	9/4/2019 8:23:03		-122.36	37.7147				1847.75304	RS-700	-0.448989851
5796	9/4/2019 8:23:04		-122.36	37.7147				1925.16889	RS-700	-0.063836368
5797	9/4/2019 8:23:05		-122.36	37.7147				1910.58613	RS-700	-0.136387413
5798	9/4/2019 8:23:06		-122.36	37.7147				1926.78553	RS-700	-0.055793383
5799	9/4/2019 8:23:07		-122.36	37.7147				1943.08606	RS-700	0.025303781
5800	9/4/2019 8:23:08		-122.36	37.7147				1893.1604	RS-700	-0.223082587
5801	9/4/2019 8:23:09		-122.36	37.7147				1869.94515	RS-700	-0.338581343
5802	9/4/2019 8:23:10		-122.36	37.7147				1828.7447	RS-700	-0.543558706
5803	9/4/2019 8:23:11		-122.36	37.7147				1922.97669	RS-700	-0.074742836
5804	9/4/2019 8:23:12		-122.36	37.7147				1804.55561	RS-700	-0.663902438
5805	9/4/2019 8:23:13		-122.36	37.7147				1881.05093	RS-700	-0.283328706
5806	9/4/2019 8:23:14		-122.36	37.7147				1913.96937	RS-700	-0.119555373
5807	9/4/2019 8:23:15		-122.36	37.7147				1887.58007	RS-700	-0.250845423
5808	9/4/2019 8:23:16		-122.36	37.7147				1951.60594	RS-700	0.067691244
5809	9/4/2019 8:23:17		-122.36	37.7147				1895.30468	RS-700	-0.212414527
5810	9/4/2019 8:23:18		-122.36	37.7147				1873.48386	RS-700	-0.320975821
5811	9/4/2019 8:23:19		-122.36	37.7147				1896.29629	RS-700	-0.207481144
5812	9/4/2019 8:23:20		-122.36	37.7147				1865.86817	RS-700	-0.358864826
5813	9/4/2019 8:23:21		-122.36	37.7147				1876.55905	RS-700	-0.305676368
5814	9/4/2019 8:23:22		-122.36	37.7147				1922.39985	RS-700	-0.077612687
5815	9/4/2019 8:23:23		-122.36	37.7147				1900.39288	RS-700	-0.1871001
5816	9/4/2019 8:23:24		-122.36	37.7147				1918.87416	RS-700	-0.095153433
5817	9/4/2019 8:23:25		-122.36	37.7147				1973.30983	RS-700	0.175670796
5818	9/4/2019 8:23:26		-122.36	37.7147				1927.07792	RS-700	-0.054338706
5819	9/4/2019 8:23:27		-122.36	37.7147				1835.55722	RS-700	-0.509665572
5820	9/4/2019 8:23:28		-122.36	37.7147				1864.85415	RS-700	-0.363909701
5821	9/4/2019 8:23:29		-122.36	37.7147				1965.60409	RS-700	0.137333781
5822	9/4/2019 8:23:30		-122.36	37.7147				1866.75454	RS-700	-0.354455025
5823	9/4/2019 8:23:31		-122.36	37.7147				1849.93822	RS-700	-0.438118308
5824	9/4/2019 8:23:32		-122.36	37.7147				1825.1965	RS-700	-0.561211443
5825	9/4/2019 8:23:33		-122.36	37.7147				1785.09967	RS-700	-0.760698159
5826	9/4/2019 8:23:34		-122.36	37.7147				1853.28712	RS-700	-0.421457114
5827	9/4/2019 8:23:35		-122.36	37.7147				1941.98354	RS-700	0.019818607
5828	9/4/2019 8:23:36		-122.36	37.7147				1932.50232	RS-700	-0.027351642
5829	9/4/2019 8:23:37		-122.36	37.7147				1970.90894	RS-700	0.16372607
5830	9/4/2019 8:23:38		-122.36	37.7147				1931.49802	RS-700	-0.032348159
5831	9/4/2019 8:23:39		-122.36	37.7147				1877.86341	RS-700	-0.299187015
5832	9/4/2019 8:23:40		-122.361	37.7147				1966.60156	RS-700	0.142296318
5833	9/4/2019 8:23:41		-122.361	37.7147				1947.30157	RS-700	0.046276468
5834	9/4/2019 8:23:42		-122.361	37.7147				1933.40124	RS-700	-0.022879403
5835	9/4/2019 8:23:43		-122.361	37.7147				1973.62049	RS-700	0.177216368
5836	9/4/2019 8:23:44		-122.361	37.7147				2025.92006	RS-700	0.437413234
5837	9/4/2019 8:23:45		-122.361	37.7147				1945.59803	RS-700	0.037801144
5838	9/4/2019 8:23:46		-122.361	37.7147				1876.76558	RS-700	-0.304648856
5839	9/4/2019 8:23:47		-122.361	37.7147				1891.86152	RS-700	-0.229544677
5840	9/4/2019 8:23:48		-122.361	37.7147				1932.69088	RS-700	-0.026413532
5841	9/4/2019 8:23:49		-122.361	37.7147				1923.59207	RS-700	-0.071681244
5842	9/4/2019 8:23:50		-122.361	37.7148				1896.77201	RS-700	-0.205114378
5843	9/4/2019 8:23:51		-122.361	37.7148				1946.98673	RS-700	0.0447101
5844	9/4/2019 8:23:52		-122.361	37.7148				1892.39222	RS-700	-0.226904378
5845	9/4/2019 8:23:53		-122.361	37.7148				1907.68195	RS-700	-0.15083607
5846	9/4/2019 8:23:54		-122.361	37.7148				1956.99256	RS-700	0.094490348
5847	9/4/2019 8:23:55		-122.361	37.7148				1854.03852	RS-700	-0.417718806
5848	9/4/2019 8:23:56		-122.361	37.7148				1850.12106	RS-700	-0.437208657
5849	9/4/2019 8:23:57		-122.361	37.7148				1920.79659	RS-700	-0.085589104
5850	9/4/2019 8:23:58		-122.361	37.7148				1928.39875	RS-700	-0.047767413
5851	9/4/2019 8:23:59		-122.361	37.7148				1911.06653	RS-700	-0.133997363
5852	9/4/2019 8:24:00		-122.361	37.7148				1919.95339	RS-700	-0.089784129
5853	9/4/2019 8:24:01		-122.361	37.7148				1946.18431	RS-700	0.04071796
5854	9/4/2019 8:24:02		-122.361	37.7148				1861.22219	RS-700	-0.381979154
5855	9/4/2019 8:24:03		-122.361	37.7148				1864.22659	RS-700	-0.367031891

Gamma Scan Survey Results
Survey Unit 5 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
5856	9/4/2019 8:24:04		-122.361	37.7148				1941.69402	RS-700	0.018378209
5857	9/4/2019 8:24:05		-122.361	37.7148				1816.46395	RS-700	-0.604656965
5858	9/4/2019 8:24:06		-122.361	37.7148				1787.36628	RS-700	-0.749421493
5859	9/4/2019 8:24:07		-122.361	37.7148				1921.48845	RS-700	-0.082147015
5860	9/4/2019 8:24:08		-122.361	37.7148				1831.28677	RS-700	-0.530911592
5861	9/4/2019 8:24:09		-122.361	37.7148				1891.86989	RS-700	-0.229503035
5862	9/4/2019 8:24:10		-122.361	37.7148				1769.63319	RS-700	-0.837645821
5863	9/4/2019 8:24:11		-122.361	37.7148				1814.56242	RS-700	-0.614117313
5864	9/4/2019 8:24:12		-122.361	37.7148				1832.56405	RS-700	-0.524556965
5865	9/4/2019 8:24:13		-122.361	37.7148				1796.09991	RS-700	-0.705970597
5866	9/4/2019 8:24:14		-122.361	37.7148				1815.28416	RS-700	-0.610526567
5867	9/4/2019 8:24:15		-122.361	37.7148				1892.48642	RS-700	-0.226435721
5868	9/4/2019 8:24:16		-122.361	37.7148				1924.77938	RS-700	-0.065774229
5869	9/4/2019 8:24:17		-122.361	37.7148				1870.32723	RS-700	-0.336680448
5870	9/4/2019 8:24:18		-122.361	37.7148				1810.917	RS-700	-0.632253731
5871	9/4/2019 8:24:19		-122.361	37.7148				1957.90876	RS-700	0.099048557
5872	9/4/2019 8:24:20		-122.361	37.7148				1885.56369	RS-700	-0.260877164
5873	9/4/2019 8:24:21		-122.361	37.7148				1936.07573	RS-700	-0.009573483
5874	9/4/2019 8:24:22		-122.361	37.7148				1877.67453	RS-700	-0.300126716
5875	9/4/2019 8:24:23		-122.361	37.7148				1936.9894	RS-700	-0.005027861
5876	9/4/2019 8:24:24		-122.361	37.7148				1849.56881	RS-700	-0.439956169
5877	9/4/2019 8:24:25		-122.361	37.7148				1978.72279	RS-700	0.202600945
5878	9/4/2019 8:24:26		-122.361	37.7148				1865.03759	RS-700	-0.362997065
5879	9/4/2019 8:24:27		-122.361	37.7148				1872.85134	RS-700	-0.324122687
5880	9/4/2019 8:24:28		-122.361	37.7148				1948.70141	RS-700	0.053240846
5881	9/4/2019 8:24:29		-122.361	37.7148				1934.98536	RS-700	-0.014998209
5882	9/4/2019 8:24:30		-122.361	37.7148				1934.78983	RS-700	-0.015970995
5883	9/4/2019 8:24:31		-122.361	37.7148				1932.78743	RS-700	-0.025933184
5884	9/4/2019 8:24:32		-122.361	37.7148				1943.08596	RS-700	0.025303284
5885	9/4/2019 8:24:33		-122.361	37.7148				1988.71913	RS-700	0.25233398
5886	9/4/2019 8:24:34		-122.361	37.7149				2011.91936	RS-700	0.36775801
5887	9/4/2019 8:24:35		-122.361	37.7149				1963.70141	RS-700	0.127867711
5888	9/4/2019 8:24:36		-122.361	37.7149				2054.52765	RS-700	0.579739552
5889	9/4/2019 8:24:37		-122.361	37.7149				1912.59622	RS-700	-0.126386965
5890	9/4/2019 8:24:38		-122.361	37.7149				1914.27893	RS-700	-0.118015274
5891	9/4/2019 8:24:39		-122.361	37.7149				1943.4066	RS-700	0.026898507
5892	9/4/2019 8:24:40		-122.361	37.7149				1969.40577	RS-700	0.156247612
5893	9/4/2019 8:24:41		-122.361	37.7149				1913.89351	RS-700	-0.119932786
5894	9/4/2019 8:24:42		-122.361	37.7149				1923.2641	RS-700	-0.073312935
5895	9/4/2019 8:24:43		-122.361	37.7149				1963.60557	RS-700	0.127390896
5896	9/4/2019 8:24:44		-122.361	37.7149				2041.13786	RS-700	0.513123682
5897	9/4/2019 8:24:45		-122.361	37.7149				1999.6202	RS-700	0.306568159
5898	9/4/2019 8:24:46		-122.361	37.7149				1980.60875	RS-700	0.211983831
5899	9/4/2019 8:24:47		-122.361	37.7149				1990.10871	RS-700	0.259247313
5900	9/4/2019 8:24:48		-122.361	37.7149				2049.42488	RS-700	0.554352637
5901	9/4/2019 8:24:49		-122.361	37.7149				2004.20857	RS-700	0.329395871
5902	9/4/2019 8:24:50		-122.361	37.7149				1977.70854	RS-700	0.197554925
5903	9/4/2019 8:24:51		-122.361	37.7149				1994.33552	RS-700	0.280276219
5904	9/4/2019 8:24:52		-122.361	37.7149				1983.8087	RS-700	0.22790398
5905	9/4/2019 8:24:53		-122.361	37.7149				1948.70122	RS-700	0.0532399
5906	9/4/2019 8:24:54		-122.361	37.7149				2017.62085	RS-700	0.396123632
5907	9/4/2019 8:24:55		-122.361	37.7149				1990.61067	RS-700	0.261744627
5908	9/4/2019 8:24:56		-122.361	37.7149				2101.27628	RS-700	0.812319801
5909	9/4/2019 8:24:57		-122.361	37.7149				2021.72516	RS-700	0.416543085
5910	9/4/2019 8:24:58		-122.361	37.7149				1985.81004	RS-700	0.237860896
5911	9/4/2019 8:24:59		-122.361	37.7149				2028.6173	RS-700	0.450832338
5912	9/4/2019 8:25:00		-122.361	37.7149				2086.36857	RS-700	0.73815209
5913	9/4/2019 8:25:01		-122.361	37.7149				1944.87786	RS-700	0.034218209
5914	9/4/2019 8:25:02		-122.361	37.7149				1957.60256	RS-700	0.097525174
5915	9/4/2019 8:25:03		-122.361	37.7149				2063.03386	RS-700	0.622059005
5916	9/4/2019 8:25:04		-122.361	37.7149				1993.71191	RS-700	0.277173682

Gamma Scan Survey Results
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SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
5917	9/4/2019 8:25:05		-122.361	37.7149				1956.82961	RS-700	0.093679652
5918	9/4/2019 8:25:06		-122.361	37.7149				2001.81753	RS-700	0.317500149
5919	9/4/2019 8:25:07		-122.361	37.7149				1946.59408	RS-700	0.042756617
5920	9/4/2019 8:25:08		-122.361	37.7149				2071.94736	RS-700	0.666404776
5921	9/4/2019 8:25:09		-122.361	37.7149				2076.4288	RS-700	0.688700498
5922	9/4/2019 8:25:10		-122.361	37.7149				1989.31094	RS-700	0.255278308
5923	9/4/2019 8:25:11		-122.361	37.7149				1966.90827	RS-700	0.143822239
5924	9/4/2019 8:25:12		-122.361	37.7149				2038.13346	RS-700	0.498176418
5925	9/4/2019 8:25:13		-122.361	37.7149				2093.54122	RS-700	0.773836915
5926	9/4/2019 8:25:14		-122.361	37.7149				2117.2852	RS-700	0.891966169
5927	9/4/2019 8:25:15		-122.361	37.7149				2099.27373	RS-700	0.802356866
5928	9/4/2019 8:25:16		-122.361	37.7149				2120.53947	RS-700	0.908156567
5929	9/4/2019 8:25:17		-122.361	37.7149				2145.65956	RS-700	1.033132139
5930	9/4/2019 8:25:18		-122.361	37.7149				2080.1211	RS-700	0.707070149
5931	9/4/2019 8:25:19		-122.361	37.7149				2140.6203	RS-700	1.008061194
5932	9/4/2019 8:25:20		-122.361	37.7149				1966.70512	RS-700	0.142811542
5933	9/4/2019 8:25:21		-122.361	37.7149				2061.9452	RS-700	0.616642786
5934	9/4/2019 8:25:22		-122.361	37.7149				2104.64692	RS-700	0.829089154
5935	9/4/2019 8:25:23		-122.361	37.7149				2089.06271	RS-700	0.751555771
5936	9/4/2019 8:25:24		-122.361	37.7149				2117.9636	RS-700	0.895341294
5937	9/4/2019 8:25:25		-122.361	37.7149				2035.62566	RS-700	0.485699801
5938	9/4/2019 8:25:26		-122.361	37.7149				2026.63331	RS-700	0.440961741
5939	9/4/2019 8:25:27		-122.361	37.7149				2019.62576	RS-700	0.406098308
5940	9/4/2019 8:25:28		-122.361	37.7149				2035.34051	RS-700	0.484281144
5941	9/4/2019 8:25:29		-122.361	37.7149				2026.17184	RS-700	0.438665871
5942	9/4/2019 8:25:30		-122.361	37.7149				2097.88421	RS-700	0.795443831
5943	9/4/2019 8:25:31		-122.361	37.7149				2037.62544	RS-700	0.495648955
5944	9/4/2019 8:25:32		-122.361	37.7149				2063.62724	RS-700	0.625011144
5945	9/4/2019 8:25:33		-122.361	37.7149				2063.9696	RS-700	0.626714428
5946	9/4/2019 8:25:34		-122.361	37.7149				1971.18612	RS-700	0.165105075
5947	9/4/2019 8:25:35		-122.361	37.7149				2021.93068	RS-700	0.417565572
5948	9/4/2019 8:25:36		-122.361	37.7149				2131.75911	RS-700	0.963975672
5949	9/4/2019 8:25:37		-122.361	37.7149				2075.42546	RS-700	0.683708756
5950	9/4/2019 8:25:38		-122.361	37.7149				1951.89587	RS-700	0.069133682
5951	9/4/2019 8:25:39		-122.361	37.7149				2055.22266	RS-700	0.583197313
5952	9/4/2019 8:25:40		-122.361	37.7149				2075.51827	RS-700	0.684170498
5953	9/4/2019 8:25:41		-122.361	37.7149				2112.06888	RS-700	0.866014328
5954	9/4/2019 8:25:42		-122.361	37.7149				1966.70141	RS-700	0.142793085
5955	9/4/2019 8:25:43		-122.361	37.7149				2030.94023	RS-700	0.462389204
5956	9/4/2019 8:25:44		-122.361	37.7149				2002.51652	RS-700	0.320977711
5957	9/4/2019 8:25:45		-122.361	37.7149				2016.00706	RS-700	0.388094826
5958	9/4/2019 8:25:46		-122.361	37.7149				1996.80361	RS-700	0.292555274
5959	9/4/2019 8:25:47		-122.361	37.7149				1959.30511	RS-700	0.105995572
5960	9/4/2019 8:25:48		-122.361	37.7149				1969.70221	RS-700	0.157722438
5961	9/4/2019 8:25:49		-122.361	37.7149				1865.75992	RS-700	-0.359403383
5962	9/4/2019 8:25:50		-122.361	37.7149				1965.40574	RS-700	0.136346965
5963	9/4/2019 8:25:51		-122.361	37.7149				1944.49745	RS-700	0.032325622
5964	9/4/2019 8:25:52		-122.361	37.7149				2000.80924	RS-700	0.312483781
5965	9/4/2019 8:25:53		-122.361	37.7149				1948.49826	RS-700	0.052230149
5966	9/4/2019 8:25:54		-122.361	37.7149				2003.81966	RS-700	0.327460995
5967	9/4/2019 8:25:55		-122.361	37.7149				1974.69999	RS-700	0.182587015
5968	9/4/2019 8:25:56		-122.361	37.7149				1910.58838	RS-700	-0.136376219
5969	9/4/2019 8:25:57		-122.361	37.7149				1913.30211	RS-700	-0.122875075
5970	9/4/2019 8:25:58		-122.361	37.715				2040.83196	RS-700	0.511601791
5971	9/4/2019 8:25:59		-122.361	37.715				1877.57312	RS-700	-0.300631244
5972	9/4/2019 8:26:00		-122.361	37.715				1867.48275	RS-700	-0.35083209
5973	9/4/2019 8:26:01		-122.361	37.715				1914.88797	RS-700	-0.114985224
5974	9/4/2019 8:26:02		-122.361	37.715				1840.37609	RS-700	-0.485691095
5975	9/4/2019 8:26:03		-122.361	37.715				1881.75877	RS-700	-0.279807114
5976	9/4/2019 8:26:04		-122.361	37.715				1793.55952	RS-700	-0.718609353
5977	9/4/2019 8:26:05		-122.361	37.715				1772.45341	RS-700	-0.823614876

Gamma Scan Survey Results
Survey Unit 5 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
5978	9/4/2019 8:26:06		-122.361	37.715				1803.66323	RS-700	-0.668342139
5979	9/4/2019 8:26:07		-122.361	37.715				1882.48232	RS-700	-0.276207363
5980	9/4/2019 8:26:08		-122.361	37.715				1847.94187	RS-700	-0.448050398
5981	9/4/2019 8:26:09		-122.361	37.715				1893.05744	RS-700	-0.223594826
5982	9/4/2019 8:26:10		-122.361	37.715				1853.93594	RS-700	-0.418229154
5983	9/4/2019 8:26:11		-122.361	37.715				1866.38627	RS-700	-0.356287214
5984	9/4/2019 8:26:12		-122.361	37.715				1894.57451	RS-700	-0.216047214
5985	9/4/2019 8:26:13		-122.361	37.715				1865.0584	RS-700	-0.362893532
5986	9/4/2019 8:26:14		-122.361	37.715				1860.55876	RS-700	-0.385279801
5987	9/4/2019 8:26:15		-122.361	37.715				1848.56748	RS-700	-0.44493791
5988	9/4/2019 8:26:16		-122.361	37.715				1829.47104	RS-700	-0.539945075
5989	9/4/2019 8:26:17		-122.361	37.715				1837.21001	RS-700	-0.501442736
5990	9/4/2019 8:26:18		-122.361	37.715				1865.9465	RS-700	-0.358475124
5991	9/4/2019 8:26:19		-122.361	37.715				1779.54266	RS-700	-0.788344975
5992	9/4/2019 8:26:20		-122.361	37.715				1810.19237	RS-700	-0.635858856
5993	9/4/2019 8:26:21		-122.361	37.715				1789.18978	RS-700	-0.740349353
5994	9/4/2019 8:26:22		-122.361	37.715				1882.86296	RS-700	-0.274313632
5995	9/4/2019 8:26:23		-122.361	37.715				1591.47762	RS-700	-1.72399194
5996	9/4/2019 8:26:24		-122.361	37.715				1252.25885	RS-700	-3.411647512
5997	9/4/2019 8:26:25		-122.361	37.715				1106.39014	RS-700	-4.137362488
5998	9/4/2019 8:26:26		-122.361	37.715				1081.22359	RS-700	-4.262569204
5999	9/4/2019 8:26:27		-122.361	37.715				1079.33429	RS-700	-4.271968706
6000	9/4/2019 8:26:28		-122.361	37.715				1155.00806	RS-700	-3.895482289
6001	9/4/2019 8:26:29		-122.361	37.715				1061.00684	RS-700	-4.36315005
6002	9/4/2019 8:26:30		-122.361	37.715				1404.43418	RS-700	-2.654556318
6003	9/4/2019 8:26:31		-122.361	37.715				1679.34749	RS-700	-1.286828408
6004	9/4/2019 8:26:32		-122.361	37.715				1729.52822	RS-700	-1.037173035
6005	9/4/2019 8:26:33		-122.361	37.715				1809.46455	RS-700	-0.639479851
6006	9/4/2019 8:26:34		-122.361	37.715				1754.72297	RS-700	-0.91182602
6007	9/4/2019 8:26:35		-122.361	37.715				1753.53402	RS-700	-0.917741194
6008	9/4/2019 8:26:36		-122.361	37.715				1707.61341	RS-700	-1.14620194
6009	9/4/2019 8:26:37		-122.361	37.715				1777.36933	RS-700	-0.799157562
6010	9/4/2019 8:26:38		-122.361	37.715				1922.88249	RS-700	-0.075211493
6011	9/4/2019 8:26:39		-122.361	37.715				1819.02542	RS-700	-0.591913333
6012	9/4/2019 8:26:40		-122.361	37.715				1791.63842	RS-700	-0.728167065
6013	9/4/2019 8:26:41		-122.361	37.715				1873.29343	RS-700	-0.321923234
6014	9/4/2019 8:26:42		-122.361	37.715				1891.57424	RS-700	-0.23097393
6015	9/4/2019 8:26:43		-122.361	37.715				1794.4617	RS-700	-0.714120896
6016	9/4/2019 8:26:44		-122.361	37.715				1852.56874	RS-700	-0.425031144
6017	9/4/2019 8:26:45		-122.361	37.715				1913.38858	RS-700	-0.122444876
6018	9/4/2019 8:26:46		-122.361	37.715				1900.7789	RS-700	-0.185179602
6019	9/4/2019 8:26:47		-122.361	37.715				1886.76472	RS-700	-0.254901891
6020	9/4/2019 8:26:48		-122.361	37.715				1927.39917	RS-700	-0.052740448
6021	9/4/2019 8:26:49		-122.361	37.715				1896.39031	RS-700	-0.207013383
6022	9/4/2019 8:26:50		-122.361	37.715				1937.50165	RS-700	-0.002479353
6023	9/4/2019 8:26:51		-122.361	37.7151				1972.70386	RS-700	0.17265602
6024	9/4/2019 8:26:52		-122.361	37.7151				1930.69304	RS-700	-0.036353035
6025	9/4/2019 8:26:53		-122.361	37.7151				1884.20143	RS-700	-0.267654577
6026	9/4/2019 8:26:54		-122.361	37.7151				1915.99174	RS-700	-0.109493831
6027	9/4/2019 8:26:55		-122.361	37.7151				1932.49666	RS-700	-0.027379801
6028	9/4/2019 8:26:56		-122.361	37.7151				1880.76636	RS-700	-0.284744478
6029	9/4/2019 8:26:57		-122.361	37.7151				1833.37906	RS-700	-0.520502189
6030	9/4/2019 8:26:58		-122.361	37.7151				1897.78437	RS-700	-0.200077761
6031	9/4/2019 8:26:59		-122.361	37.7151				1895.06489	RS-700	-0.213607512
6032	9/4/2019 8:27:00		-122.361	37.7151				1923.16801	RS-700	-0.073790995
6033	9/4/2019 8:27:01		-122.361	37.7151				1860.03609	RS-700	-0.387880149
6034	9/4/2019 8:27:02		-122.361	37.7151				1840.7611	RS-700	-0.483775622
6035	9/4/2019 8:27:03		-122.361	37.7151				1898.3932	RS-700	-0.197048756
6036	9/4/2019 8:27:04		-122.361	37.7151				1843.7507	RS-700	-0.46890199
6037	9/4/2019 8:27:05		-122.361	37.7151				1858.86051	RS-700	-0.393728806
6038	9/4/2019 8:27:06		-122.361	37.7151				1834.84412	RS-700	-0.513213333

Gamma Scan Survey Results
Survey Unit 5 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
6039	9/4/2019 8:27:07		-122.361	37.7151				1901.11165	RS-700	-0.183524129
6040	9/4/2019 8:27:08		-122.361	37.7151				1835.9323	RS-700	-0.507799502
6041	9/4/2019 8:27:09		-122.361	37.7151				1762.45584	RS-700	-0.87335403
6042	9/4/2019 8:27:10		-122.361	37.7151				1846.19515	RS-700	-0.456740547
6043	9/4/2019 8:27:11		-122.361	37.7151				1869.76161	RS-700	-0.339494478
6044	9/4/2019 8:27:12		-122.361	37.7151				1943.90149	RS-700	0.029360647
6045	9/4/2019 8:27:13		-122.361	37.7151				1924.69395	RS-700	-0.066199254
6046	9/4/2019 8:27:14		-122.361	37.7151				1918.4928	RS-700	-0.097050746
6047	9/4/2019 8:27:15		-122.361	37.7151				1927.8921	RS-700	-0.05028806
6048	9/4/2019 8:27:16		-122.361	37.7151				1858.67744	RS-700	-0.394639602
6049	9/4/2019 8:27:17		-122.361	37.7151				1834.37139	RS-700	-0.515565224
6050	9/4/2019 8:27:18		-122.361	37.7151				1937.41093	RS-700	-0.002930697
6051	9/4/2019 8:27:19		-122.361	37.7151				1949.05952	RS-700	0.055022488
6052	9/4/2019 8:27:20		-122.361	37.7151				1968.51529	RS-700	0.151817363
6053	9/4/2019 8:27:21		-122.361	37.7151				1866.78224	RS-700	-0.354317214
6054	9/4/2019 8:27:22		-122.361	37.7151				1961.40555	RS-700	0.116445522
6055	9/4/2019 8:27:23		-122.361	37.7151				1863.03933	RS-700	-0.372938657
6056	9/4/2019 8:27:24		-122.361	37.7151				1874.57682	RS-700	-0.315538209
6057	9/4/2019 8:27:25		-122.361	37.7151				1942.08223	RS-700	0.020309602
6058	9/4/2019 8:27:26		-122.361	37.7151				1930.0696	RS-700	-0.039454726
6059	9/4/2019 8:27:27		-122.361	37.7151				1861.4797	RS-700	-0.38069801
6060	9/4/2019 8:27:28		-122.361	37.7151				1893.34015	RS-700	-0.222188308
6061	9/4/2019 8:27:29		-122.361	37.7151				1994.72322	RS-700	0.282205075
6062	9/4/2019 8:27:30		-122.361	37.7151				1949.40815	RS-700	0.056756965
6063	9/4/2019 8:27:31		-122.361	37.7151				1969.90242	RS-700	0.158718507
6064	9/4/2019 8:27:32		-122.361	37.7151				1995.21099	RS-700	0.284631791
6065	9/4/2019 8:27:33		-122.361	37.7152				1900.7727	RS-700	-0.185210448
6066	9/4/2019 8:27:34		-122.361	37.7152				2001.71752	RS-700	0.317002587
6067	9/4/2019 8:27:35		-122.361	37.7152				1893.39484	RS-700	-0.221916219
6068	9/4/2019 8:27:36		-122.361	37.7152				1865.84611	RS-700	-0.358974577
6069	9/4/2019 8:27:37		-122.361	37.7152				1997.70914	RS-700	0.297060398
6070	9/4/2019 8:27:38		-122.361	37.7152				1901.58502	RS-700	-0.181169055
6071	9/4/2019 8:27:39		-122.361	37.7152				1930.30626	RS-700	-0.038277313
6072	9/4/2019 8:27:40		-122.361	37.7152				1913.48499	RS-700	-0.121965224
6073	9/4/2019 8:27:41		-122.361	37.7152				1940.49826	RS-700	0.012429154
6074	9/4/2019 8:27:42		-122.361	37.7152				1916.5948	RS-700	-0.106493532
6075	9/4/2019 8:27:43		-122.361	37.7152				1981.00032	RS-700	0.21393194
6076	9/4/2019 8:27:44		-122.361	37.7152				1857.66712	RS-700	-0.39966607
6077	9/4/2019 8:27:45		-122.361	37.7152				1910.77825	RS-700	-0.135431592
6078	9/4/2019 8:27:46		-122.361	37.7152				1831.474	RS-700	-0.5299801
6079	9/4/2019 8:27:47		-122.361	37.7152				1762.62943	RS-700	-0.872490398
6080	9/4/2019 8:27:48		-122.361	37.7152				1808.91697	RS-700	-0.642204129
6081	9/4/2019 8:27:49		-122.361	37.7152				1802.91361	RS-700	-0.672071592
6082	9/4/2019 8:27:50		-122.361	37.7152				1848.38339	RS-700	-0.445853781
6083	9/4/2019 8:27:51		-122.361	37.7152				1854.94074	RS-700	-0.413230149
6084	9/4/2019 8:27:52		-122.361	37.7152				1856.47863	RS-700	-0.405578955
6085	9/4/2019 8:27:53		-122.361	37.7152				1851.12579	RS-700	-0.43221
6086	9/4/2019 8:27:54		-122.361	37.7152				1845.5681	RS-700	-0.459860199
6087	9/4/2019 8:27:55		-122.361	37.7152				1950.41007	RS-700	0.061741642
6088	9/4/2019 8:27:56		-122.361	37.7152				1841.56509	RS-700	-0.479775672
6089	9/4/2019 8:27:57		-122.361	37.7152				1908.20248	RS-700	-0.148246368
6090	9/4/2019 8:27:58		-122.361	37.7152				1877.67398	RS-700	-0.300129453
6091	9/4/2019 8:27:59		-122.361	37.7152				1896.87902	RS-700	-0.20458199
6092	9/4/2019 8:28:00		-122.361	37.7152				1857.66803	RS-700	-0.399661542
6093	9/4/2019 8:28:01		-122.361	37.7152				1823.1969	RS-700	-0.571159701
6094	9/4/2019 8:28:02		-122.361	37.7152				1845.47706	RS-700	-0.460313134
6095	9/4/2019 8:28:03		-122.361	37.7152				1701.78091	RS-700	-1.175219353
6096	9/4/2019 8:28:04		-122.361	37.7152				1790.45574	RS-700	-0.734051045
6097	9/4/2019 8:28:05		-122.361	37.7152				1712.26504	RS-700	-1.123059502
6098	9/4/2019 8:28:06		-122.361	37.7152				1719.61352	RS-700	-1.086499901
6099	9/4/2019 8:28:07		-122.361	37.7152				1707.52216	RS-700	-1.14665592

Gamma Scan Survey Results
Survey Unit 5 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
6100	9/4/2019 8:28:08		-122.361	37.7152				1822.56017	RS-700	-0.574327512
6101	9/4/2019 8:28:09		-122.361	37.7152				1767.54341	RS-700	-0.848042736
6102	9/4/2019 8:28:10		-122.361	37.7152				1772.63538	RS-700	-0.822709552
6103	9/4/2019 8:28:11		-122.361	37.7152				1813.7373	RS-700	-0.618222388
6104	9/4/2019 8:28:12		-122.361	37.7152				1757.44984	RS-700	-0.898259502
6105	9/4/2019 8:28:13		-122.361	37.7152				1747.72207	RS-700	-0.946656368
6106	9/4/2019 8:28:14		-122.361	37.7152				1729.27341	RS-700	-1.038440746
6107	9/4/2019 8:28:15		-122.361	37.7152				1735.54537	RS-700	-1.007236965
6108	9/4/2019 8:28:16		-122.361	37.7152				1713.87168	RS-700	-1.115066269
6109	9/4/2019 8:28:17		-122.361	37.7152				1790.46065	RS-700	-0.734026617
6110	9/4/2019 8:28:18		-122.361	37.7153				1770.63399	RS-700	-0.832666716
6111	9/4/2019 8:28:19		-122.361	37.7153				1796.19503	RS-700	-0.705497363
6112	9/4/2019 8:28:20		-122.361	37.7153				1819.65001	RS-700	-0.58880592
6113	9/4/2019 8:28:21		-122.361	37.7153				1881.76685	RS-700	-0.279766915
6114	9/4/2019 8:28:22		-122.361	37.7153				1868.29737	RS-700	-0.346779254
6115	9/4/2019 8:28:23		-122.361	37.7153				1823.46829	RS-700	-0.569809502
6116	9/4/2019 8:28:24		-122.361	37.7153				1752.62608	RS-700	-0.922258308
6117	9/4/2019 8:28:25		-122.361	37.7153				1888.67564	RS-700	-0.245394826
6118	9/4/2019 8:28:26		-122.361	37.7153				1861.39216	RS-700	-0.381133532
6119	9/4/2019 8:28:27		-122.361	37.7153				1764.53687	RS-700	-0.863000647
6120	9/4/2019 8:28:28		-122.361	37.7153				1790.46769	RS-700	-0.733991592
6121	9/4/2019 8:28:29		-122.361	37.7153				1817.28208	RS-700	-0.600586667
6122	9/4/2019 8:28:30		-122.361	37.7153				1841.66564	RS-700	-0.479275423
6123	9/4/2019 8:28:31		-122.361	37.7153				1771.54374	RS-700	-0.828140597
6124	9/4/2019 8:28:32		-122.361	37.7153				1742.53753	RS-700	-0.9724501
6125	9/4/2019 8:28:33		-122.361	37.7153				1771.27964	RS-700	-0.829454527
6126	9/4/2019 8:28:34		-122.361	37.7153				1873.29583	RS-700	-0.321911294
6127	9/4/2019 8:28:35		-122.361	37.7153				1922.49729	RS-700	-0.07712791
6128	9/4/2019 8:28:36		-122.361	37.7153				1832.56381	RS-700	-0.524558159
6129	9/4/2019 8:28:37		-122.361	37.7153				1849.57175	RS-700	-0.439941542
6130	9/4/2019 8:28:38		-122.361	37.7153				1832.73381	RS-700	-0.523712388
6131	9/4/2019 8:28:39		-122.361	37.7153				1828.19326	RS-700	-0.546302189
6132	9/4/2019 8:28:40		-122.361	37.7153				1827.47097	RS-700	-0.549895672
6133	9/4/2019 8:28:41		-122.361	37.7153				1786.27775	RS-700	-0.754837065
6134	9/4/2019 8:28:42		-122.361	37.7153				1826.83323	RS-700	-0.553068507
6135	9/4/2019 8:28:43		-122.361	37.7153				1745.27475	RS-700	-0.95883209
6136	9/4/2019 8:28:44		-122.361	37.7153				1779.63492	RS-700	-0.78788597
6137	9/4/2019 8:28:45		-122.361	37.7153				1841.3802	RS-700	-0.480695522
6138	9/4/2019 8:28:46		-122.361	37.7153				1822.12237	RS-700	-0.576505622
6139	9/4/2019 8:28:47		-122.361	37.7153				1907.40738	RS-700	-0.15220209
6140	9/4/2019 8:28:48		-122.361	37.7153				1833.83522	RS-700	-0.518232736
6141	9/4/2019 8:28:49		-122.361	37.7153				1826.3798	RS-700	-0.555324378
6142	9/4/2019 8:28:50		-122.361	37.7153				1831.74084	RS-700	-0.528652537
6143	9/4/2019 8:28:51		-122.361	37.7153				1753.97365	RS-700	-0.91555398
6144	9/4/2019 8:28:52		-122.361	37.7153				1847.7482	RS-700	-0.44901393
6145	9/4/2019 8:28:53		-122.361	37.7153				1885.58534	RS-700	-0.260769453
6146	9/4/2019 8:28:54		-122.362	37.7153				1812.28602	RS-700	-0.625442687
6147	9/4/2019 8:28:55		-122.362	37.7153				1923.96951	RS-700	-0.069803433
6148	9/4/2019 8:28:56		-122.362	37.7153				1791.64442	RS-700	-0.728137214
6149	9/4/2019 8:28:57		-122.362	37.7153				1859.38431	RS-700	-0.391122836
6150	9/4/2019 8:28:58		-122.362	37.7153				1739.62519	RS-700	-0.986939353
6151	9/4/2019 8:28:59		-122.362	37.7153				1838.84497	RS-700	-0.493308607
6152	9/4/2019 8:29:00		-122.362	37.7153				1813.3754	RS-700	-0.620022886
6153	9/4/2019 8:29:01		-122.362	37.7153				1785.36985	RS-700	-0.75935398
6154	9/4/2019 8:29:02		-122.362	37.7153				1762.71867	RS-700	-0.872046418
6155	9/4/2019 8:29:03		-122.362	37.7153				1767.63215	RS-700	-0.847601244
6156	9/4/2019 8:29:04		-122.362	37.7153				1783.63779	RS-700	-0.767971194
6157	9/4/2019 8:29:05		-122.362	37.7153				1727.35649	RS-700	-1.047977662
6158	9/4/2019 8:29:06		-122.362	37.7153				1728.7894	RS-700	-1.040848756
6159	9/4/2019 8:29:07		-122.362	37.7154				1804.55424	RS-700	-0.663909254
6160	9/4/2019 8:29:08		-122.362	37.7154				1878.95433	RS-700	-0.293759552

Gamma Scan Survey Results
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SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
6161	9/4/2019 8:29:09		-122.362	37.7154				1829.93949	RS-700	-0.537614478
6162	9/4/2019 8:29:10		-122.362	37.7154				1777.54697	RS-700	-0.798273781
6163	9/4/2019 8:29:11		-122.362	37.7154				1829.74483	RS-700	-0.538582935
6164	9/4/2019 8:29:12		-122.362	37.7154				1865.86875	RS-700	-0.35886194
6165	9/4/2019 8:29:13		-122.362	37.7154				1854.40084	RS-700	-0.415916219
6166	9/4/2019 8:29:14		-122.362	37.7154				1922.78399	RS-700	-0.075701542
6167	9/4/2019 8:29:15		-122.362	37.7154				1789.72689	RS-700	-0.737677164
6168	9/4/2019 8:29:16		-122.362	37.7154				1808.46522	RS-700	-0.644451642
6169	9/4/2019 8:29:17		-122.362	37.7154				1818.74046	RS-700	-0.593331045
6170	9/4/2019 8:29:18		-122.362	37.7154				2044.51832	RS-700	0.529941891
6171	9/4/2019 8:29:19		-122.362	37.7154				1953.49844	RS-700	0.077106667
6172	9/4/2019 8:29:20		-122.362	37.7154				1978.71277	RS-700	0.202551095
6173	9/4/2019 8:29:21		-122.362	37.7154				1900.6765	RS-700	-0.185689055
6174	9/4/2019 8:29:22		-122.362	37.7154				1957.99094	RS-700	0.099457413
6175	9/4/2019 8:29:23		-122.362	37.7154				1907.93505	RS-700	-0.149576866
6176	9/4/2019 8:29:24		-122.362	37.7154				1913.68197	RS-700	-0.120985224
6177	9/4/2019 8:29:25		-122.362	37.7154				1972.80403	RS-700	0.173154378
6178	9/4/2019 8:29:26		-122.362	37.7154				1901.35907	RS-700	-0.182293184
6179	9/4/2019 8:29:27		-122.362	37.7154				1912.58376	RS-700	-0.126448955
6180	9/4/2019 8:29:28		-122.362	37.7154				1834.74575	RS-700	-0.513702736
6181	9/4/2019 8:29:29		-122.362	37.7154				1943.79187	RS-700	0.028815274
6182	9/4/2019 8:29:30		-122.362	37.7154				1818.37507	RS-700	-0.595148905
6183	9/4/2019 8:29:31		-122.362	37.7154				1911.78003	RS-700	-0.130447612
6184	9/4/2019 8:29:32		-122.362	37.7154				1956.38857	RS-700	0.091485423
6185	9/4/2019 8:29:33		-122.362	37.7154				1857.4729	RS-700	-0.400632338
6186	9/4/2019 8:29:34		-122.362	37.7154				1913.68506	RS-700	-0.120969851
6187	9/4/2019 8:29:35		-122.362	37.7154				1872.94894	RS-700	-0.323637114
6188	9/4/2019 8:29:36		-122.362	37.7154				1930.36612	RS-700	-0.037979502
6189	9/4/2019 8:29:37		-122.362	37.7154				1948.40278	RS-700	0.051755124
6190	9/4/2019 8:29:38		-122.362	37.7154				1976.39846	RS-700	0.191037114
6191	9/4/2019 8:29:39		-122.362	37.7154				1882.38853	RS-700	-0.27667398
6192	9/4/2019 8:29:40		-122.362	37.7154				1959.29469	RS-700	0.105943731
6193	9/4/2019 8:29:41		-122.362	37.7154				1928.59674	RS-700	-0.046782388
6194	9/4/2019 8:29:42		-122.362	37.7154				1912.8708	RS-700	-0.125020896
6195	9/4/2019 8:29:43		-122.362	37.7154				1917.47761	RS-700	-0.102101443
6196	9/4/2019 8:29:44		-122.362	37.7154				1930.77492	RS-700	-0.035945672
6197	9/4/2019 8:29:45		-122.362	37.7154				1925.08846	RS-700	-0.064236517
6198	9/4/2019 8:29:46		-122.362	37.7154				2002.21262	RS-700	0.319465771
6199	9/4/2019 8:29:47		-122.362	37.7154				1910.78455	RS-700	-0.135400249
6200	9/4/2019 8:29:48		-122.362	37.7154				2024.62298	RS-700	0.4309601
6201	9/4/2019 8:29:49		-122.362	37.7154				1958.79732	RS-700	0.103469254
6202	9/4/2019 8:29:50		-122.362	37.7154				1879.57799	RS-700	-0.290656766
6203	9/4/2019 8:29:51		-122.362	37.7154				1942.69382	RS-700	0.023352338
6204	9/4/2019 8:29:52		-122.362	37.7154				1883.78146	RS-700	-0.26974398
6205	9/4/2019 8:29:53		-122.362	37.7154				1845.64528	RS-700	-0.459476219
6206	9/4/2019 8:29:54		-122.362	37.7154				1944.50274	RS-700	0.03235194
6207	9/4/2019 8:29:55		-122.362	37.7154				1930.08354	RS-700	-0.039385373
6208	9/4/2019 8:29:56		-122.362	37.7154				1850.85546	RS-700	-0.433554925
6209	9/4/2019 8:29:57		-122.362	37.7155				1852.56815	RS-700	-0.42503408
6210	9/4/2019 8:29:58		-122.362	37.7155				1902.86945	RS-700	-0.174778856
6211	9/4/2019 8:29:59		-122.362	37.7155				1983.70991	RS-700	0.227412488
6212	9/4/2019 8:30:00		-122.362	37.7155				1875.88165	RS-700	-0.309046517
6213	9/4/2019 8:30:01		-122.362	37.7155				1905.29971	RS-700	-0.16268801
6214	9/4/2019 8:30:02		-122.362	37.7155				1924.97807	RS-700	-0.064785721
6215	9/4/2019 8:30:03		-122.362	37.7155				1965.70421	RS-700	0.137831891
6216	9/4/2019 8:30:04		-122.362	37.7155				2014.90394	RS-700	0.382606667
6217	9/4/2019 8:30:05		-122.362	37.7155				1916.39711	RS-700	-0.107477065
6218	9/4/2019 8:30:06		-122.362	37.7155				2050.46469	RS-700	0.559525821
6219	9/4/2019 8:30:07		-122.362	37.7155				2026.03944	RS-700	0.438007164
6220	9/4/2019 8:30:08		-122.362	37.7155				1925.4937	RS-700	-0.062220398
6221	9/4/2019 8:30:09		-122.362	37.7155				1974.53435	RS-700	0.181762935

Gamma Scan Survey Results
Survey Unit 5 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
6222	9/4/2019 8:30:10		-122.362	37.7155				1977.11515	RS-700	0.194602736
6223	9/4/2019 8:30:11		-122.362	37.7155				1994.61171	RS-700	0.281650299
6224	9/4/2019 8:30:12		-122.362	37.7155				2039.23918	RS-700	0.503677512
6225	9/4/2019 8:30:13		-122.362	37.7155				1991.31159	RS-700	0.265231791
6226	9/4/2019 8:30:14		-122.362	37.7155				2000.69338	RS-700	0.311907363
6227	9/4/2019 8:30:15		-122.362	37.7155				1981.70194	RS-700	0.217422587
6228	9/4/2019 8:30:16		-122.362	37.7155				2032.23608	RS-700	0.468836219
6229	9/4/2019 8:30:17		-122.362	37.7155				1914.65908	RS-700	-0.11612398
6230	9/4/2019 8:30:18		-122.362	37.7155				1960.36948	RS-700	0.111290945
6231	9/4/2019 8:30:19		-122.362	37.7155				1951.0084	RS-700	0.064718408
6232	9/4/2019 8:30:20		-122.362	37.7155				2026.94269	RS-700	0.442500945
6233	9/4/2019 8:30:21		-122.362	37.7155				2112.99394	RS-700	0.870616617
6234	9/4/2019 8:30:22		-122.362	37.7155				1932.8848	RS-700	-0.025448756
6235	9/4/2019 8:30:23		-122.362	37.7155				1957.40974	RS-700	0.096565871
6236	9/4/2019 8:30:24		-122.362	37.7155				2021.84392	RS-700	0.41713393
6237	9/4/2019 8:30:25		-122.362	37.7155				1948.59261	RS-700	0.052699552
6238	9/4/2019 8:30:26		-122.362	37.7155				1989.55659	RS-700	0.256500448
6239	9/4/2019 8:30:27		-122.362	37.7155				2004.92373	RS-700	0.332953881
6240	9/4/2019 8:30:28		-122.362	37.7155				2082.7453	RS-700	0.720125871
6241	9/4/2019 8:30:29		-122.362	37.7155				2029.42666	RS-700	0.454859005
6242	9/4/2019 8:30:30		-122.362	37.7155				1989.49926	RS-700	0.256215224
6243	9/4/2019 8:30:31		-122.362	37.7155				2048.5275	RS-700	0.54988806
6244	9/4/2019 8:30:32		-122.362	37.7155				1943.10717	RS-700	0.025408806
6245	9/4/2019 8:30:33		-122.362	37.7155				1916.78409	RS-700	-0.105551791
6246	9/4/2019 8:30:34		-122.362	37.7155				1951.68832	RS-700	0.068101095
6247	9/4/2019 8:30:35		-122.362	37.7155				1955.96575	RS-700	0.089381841
6248	9/4/2019 8:30:36		-122.362	37.7155				1962.02241	RS-700	0.119514478
6249	9/4/2019 8:30:37		-122.362	37.7155				1902.77313	RS-700	-0.17525806
6250	9/4/2019 8:30:38		-122.362	37.7155				1915.39904	RS-700	-0.112442587
6251	9/4/2019 8:30:39		-122.362	37.7155				1939.78411	RS-700	0.008876169
6252	9/4/2019 8:30:40		-122.362	37.7155				2035.13368	RS-700	0.483252139
6253	9/4/2019 8:30:41		-122.362	37.7155				1856.75187	RS-700	-0.404219552
6254	9/4/2019 8:30:42		-122.362	37.7155				1942.98588	RS-700	0.024805373
6255	9/4/2019 8:30:43		-122.362	37.7155				1946.88688	RS-700	0.044213333
6256	9/4/2019 8:30:44		-122.362	37.7155				2011.61962	RS-700	0.366266766
6257	9/4/2019 8:30:45		-122.362	37.7155				2001.01287	RS-700	0.313496866
6258	9/4/2019 8:30:46		-122.362	37.7155				2054.02907	RS-700	0.577259055
6259	9/4/2019 8:30:47		-122.362	37.7155				2025.61942	RS-700	0.435917512
6260	9/4/2019 8:30:48		-122.362	37.7155				1923.49395	RS-700	-0.072169403
6261	9/4/2019 8:30:49		-122.362	37.7155				1864.75965	RS-700	-0.364379851
6262	9/4/2019 8:30:50		-122.362	37.7155				1973.20972	RS-700	0.175172736
6263	9/4/2019 8:30:51		-122.362	37.7155				1953.30466	RS-700	0.076142587
6264	9/4/2019 8:30:52		-122.362	37.7155				1915.79012	RS-700	-0.110496915
6265	9/4/2019 8:30:53		-122.362	37.7155				1869.57443	RS-700	-0.340425721
6266	9/4/2019 8:30:54		-122.362	37.7155				1894.72518	RS-700	-0.215297612
6267	9/4/2019 8:30:55		-122.362	37.7155				1912.67952	RS-700	-0.125972537
6268	9/4/2019 8:30:56		-122.362	37.7156				1976.72384	RS-700	0.19265592
6269	9/4/2019 8:30:57		-122.362	37.7156				1980.11347	RS-700	0.209519751
6270	9/4/2019 8:30:58		-122.362	37.7156				1963.58323	RS-700	0.127279751
6271	9/4/2019 8:30:59		-122.362	37.7156				1940.49117	RS-700	0.012393881
6272	9/4/2019 8:31:00		-122.362	37.7156				1977.80672	RS-700	0.198043383
6273	9/4/2019 8:31:01		-122.362	37.7156				2015.72339	RS-700	0.386683532
6274	9/4/2019 8:31:02		-122.362	37.7156				2034.21683	RS-700	0.478690697
6275	9/4/2019 8:31:03		-122.362	37.7156				1911.77815	RS-700	-0.130456965
6276	9/4/2019 8:31:04		-122.362	37.7156				1970.00292	RS-700	0.159218507
6277	9/4/2019 8:31:05		-122.362	37.7156				1997.61353	RS-700	0.296584726
6278	9/4/2019 8:31:06		-122.362	37.7156				1944.58755	RS-700	0.032773881
6279	9/4/2019 8:31:07		-122.362	37.7156				1920.97126	RS-700	-0.0847201
6280	9/4/2019 8:31:08		-122.362	37.7156				1992.21155	RS-700	0.269709204
6281	9/4/2019 8:31:09		-122.362	37.7156				1982.90851	RS-700	0.223425423
6282	9/4/2019 8:31:10		-122.362	37.7156				1848.85425	RS-700	-0.443511194

Gamma Scan Survey Results
Survey Unit 5 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
6283	9/4/2019 8:31:11		-122.362	37.7156				1931.97919	RS-700	-0.029954279
6284	9/4/2019 8:31:12		-122.362	37.7156				1897.58172	RS-700	-0.20108597
6285	9/4/2019 8:31:13		-122.362	37.7156				1930.88603	RS-700	-0.035392886
6286	9/4/2019 8:31:14		-122.362	37.7156				1862.48174	RS-700	-0.375712736
6287	9/4/2019 8:31:15		-122.362	37.7156				1790.45975	RS-700	-0.734031095
6288	9/4/2019 8:31:16		-122.362	37.7156				1836.0279	RS-700	-0.507323881
6289	9/4/2019 8:31:17		-122.362	37.7156				1874.67029	RS-700	-0.315073184
6290	9/4/2019 8:31:18		-122.362	37.7156				1741.18258	RS-700	-0.979191144
6291	9/4/2019 8:31:19		-122.362	37.7156				1772.45849	RS-700	-0.823589602
6292	9/4/2019 8:31:20		-122.362	37.7156				1424.36495	RS-700	-2.555398259
6293	9/4/2019 8:31:21		-122.362	37.7156				1469.37616	RS-700	-2.331461891
6294	9/4/2019 8:31:22		-122.362	37.7156				1401.58117	RS-700	-2.668750398
6295	9/4/2019 8:31:23		-122.362	37.7156				1665.75863	RS-700	-1.354434677
6296	9/4/2019 8:31:24		-122.362	37.7156				1829.21568	RS-700	-0.541215522
6297	9/4/2019 8:31:25		-122.362	37.7156				1867.5719	RS-700	-0.350388557
6298	9/4/2019 8:31:26		-122.362	37.7156				1861.57491	RS-700	-0.380224328
6299	9/4/2019 8:31:27		-122.362	37.7156				1918.58743	RS-700	-0.09657995
6300	9/4/2019 8:31:28		-122.362	37.7156				1897.1478	RS-700	-0.203244776
6301	9/4/2019 8:31:29		-122.362	37.7156				1945.89139	RS-700	0.039260647
6302	9/4/2019 8:31:30		-122.362	37.7156				1874.29401	RS-700	-0.316945224
6303	9/4/2019 8:31:31		-122.362	37.7156				1914.77898	RS-700	-0.115527463
6304	9/4/2019 8:31:32		-122.362	37.7156				1893.29891	RS-700	-0.222393483
6305	9/4/2019 8:31:33		-122.362	37.7156				1954.60026	RS-700	0.082588358
6306	9/4/2019 8:31:34		-122.362	37.7156				1920.29906	RS-700	-0.088064378
6307	9/4/2019 8:31:35		-122.362	37.7156				1860.64922	RS-700	-0.384829751
6308	9/4/2019 8:31:36		-122.362	37.7156				1814.48056	RS-700	-0.614524577
6309	9/4/2019 8:31:37		-122.362	37.7156				1879.23044	RS-700	-0.292385871
6310	9/4/2019 8:31:38		-122.362	37.7156				1889.77021	RS-700	-0.239949204
6311	9/4/2019 8:31:39		-122.362	37.7156				1911.58549	RS-700	-0.131415473
6312	9/4/2019 8:31:40		-122.362	37.7156				1836.02679	RS-700	-0.507329403
6313	9/4/2019 8:31:41		-122.362	37.7156				1878.961	RS-700	-0.293726368
6314	9/4/2019 8:31:42		-122.362	37.7156				1853.84301	RS-700	-0.418691493
6315	9/4/2019 8:31:43		-122.362	37.7156				1879.48195	RS-700	-0.291134577
6316	9/4/2019 8:31:44		-122.362	37.7156				1830.83417	RS-700	-0.533163333
6317	9/4/2019 8:31:45		-122.362	37.7156				1919.49292	RS-700	-0.092075025
6318	9/4/2019 8:31:46		-122.362	37.7156				1860.2847	RS-700	-0.386643284
6319	9/4/2019 8:31:47		-122.362	37.7156				1891.76151	RS-700	-0.230042239
6320	9/4/2019 8:31:48		-122.362	37.7156				1866.03405	RS-700	-0.358039552
6321	9/4/2019 8:31:49		-122.362	37.7156				1947.79272	RS-700	0.04872
6322	9/4/2019 8:31:50		-122.362	37.7156				1913.5745	RS-700	-0.1215199
6323	9/4/2019 8:31:51		-122.362	37.7156				1884.56467	RS-700	-0.265847413
6324	9/4/2019 8:31:52		-122.362	37.7156				1930.39778	RS-700	-0.03782199
6325	9/4/2019 8:31:53		-122.362	37.7156				1921.6836	RS-700	-0.081176119
6326	9/4/2019 8:31:54		-122.362	37.7156				2023.72544	RS-700	0.426494726
6327	9/4/2019 8:31:55		-122.362	37.7156				1976.70683	RS-700	0.192571294
6328	9/4/2019 8:31:56		-122.362	37.7156				1968.09418	RS-700	0.149722289
6329	9/4/2019 8:31:57		-122.362	37.7156				2127.87043	RS-700	0.944629005
6330	9/4/2019 8:31:58		-122.362	37.7156				2086.84258	RS-700	0.740510348
6331	9/4/2019 8:31:59		-122.362	37.7156				2193.11257	RS-700	1.269216766
6332	9/4/2019 8:32:00		-122.362	37.7156				2167.09401	RS-700	1.139771194
6333	9/4/2019 8:32:01		-122.362	37.7156				2182.66988	RS-700	1.217263085
6334	9/4/2019 8:32:02		-122.362	37.7156				2096.96039	RS-700	0.790847711
6335	9/4/2019 8:32:03		-122.362	37.7156				2071.86875	RS-700	0.666013682
6336	9/4/2019 8:32:04		-122.362	37.7156				2119.65323	RS-700	0.903747413
6337	9/4/2019 8:32:05		-122.362	37.7156				2241.57399	RS-700	1.510318358
6338	9/4/2019 8:32:06		-122.362	37.7156				2143.53414	RS-700	1.02255791
6339	9/4/2019 8:32:07		-122.362	37.7156				2196.88066	RS-700	1.287963483
6340	9/4/2019 8:32:08		-122.362	37.7156				2238.92113	RS-700	1.49712005
6341	9/4/2019 8:32:09		-122.362	37.7156				2200.36336	RS-700	1.305290348
6342	9/4/2019 8:32:10		-122.362	37.7156				2259.69758	RS-700	1.600485473
6343	9/4/2019 8:32:11		-122.362	37.7156				2264.92239	RS-700	1.626479552

Gamma Scan Survey Results
Survey Unit 5 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
6344	9/4/2019 8:32:12		-122.362	37.7156				2297.50723	RS-700	1.788593184
6345	9/4/2019 8:32:13		-122.362	37.7156				2319.28845	RS-700	1.896957463
6346	9/4/2019 8:32:14		-122.362	37.7156				2312.92613	RS-700	1.865304129
6347	9/4/2019 8:32:15		-122.362	37.7156				2247.13867	RS-700	1.538003333
6348	9/4/2019 8:32:16		-122.362	37.7156				2264.36873	RS-700	1.623725025
6349	9/4/2019 8:32:17		-122.362	37.7156				2230.81899	RS-700	1.456810896
6350	9/4/2019 8:32:18		-122.362	37.7156				2210.93487	RS-700	1.357884925
6351	9/4/2019 8:32:19		-122.362	37.7156				2196.80531	RS-700	1.287588607
6352	9/4/2019 8:32:20		-122.362	37.7156				2283.38737	RS-700	1.718345124
6353	9/4/2019 8:32:21		-122.362	37.7156				2276.69794	RS-700	1.685064378
6354	9/4/2019 8:32:22		-122.362	37.7156				2256.4834	RS-700	1.584494527
6355	9/4/2019 8:32:23		-122.362	37.7156				2227.81163	RS-700	1.441848905
6356	9/4/2019 8:32:24		-122.362	37.7156				2230.47669	RS-700	1.45510791
6357	9/4/2019 8:32:25		-122.362	37.7156				2123.07567	RS-700	0.920774478
6358	9/4/2019 8:32:26		-122.362	37.7156				2165.0905	RS-700	1.129803483
6359	9/4/2019 8:32:27		-122.362	37.7156				2204.68342	RS-700	1.326783184
6360	9/4/2019 8:32:28		-122.362	37.7156				2155.20162	RS-700	1.080605075
6361	9/4/2019 8:32:29		-122.362	37.7156				2116.39145	RS-700	0.887519652
6362	9/4/2019 8:32:30		-122.362	37.7156				2233.69114	RS-700	1.471100199
6363	9/4/2019 8:32:31		-122.362	37.7156				2251.68393	RS-700	1.560616567
6364	9/4/2019 8:32:32		-122.362	37.7156				2343.96602	RS-700	2.019731443
6365	9/4/2019 8:32:33		-122.362	37.7156				2399.11161	RS-700	2.294087612
6366	9/4/2019 8:32:34		-122.362	37.7156				2464.2509	RS-700	2.618163682
6367	9/4/2019 8:32:35		-122.362	37.7157				2437.75776	RS-700	2.486357015
6368	9/4/2019 8:32:36		-122.362	37.7157				2474.12847	RS-700	2.667305821
6369	9/4/2019 8:32:37		-122.362	37.7157				2399.62036	RS-700	2.296618706
6370	9/4/2019 8:32:38		-122.362	37.7157				2380.14396	RS-700	2.199721194
6371	9/4/2019 8:32:39		-122.362	37.7157				2338.64752	RS-700	1.993271244
6372	9/4/2019 8:32:40		-122.362	37.7157				2432.7576	RS-700	2.461480597
6373	9/4/2019 8:32:41		-122.362	37.7157				2396.96044	RS-700	2.283385274
6374	9/4/2019 8:32:42		-122.362	37.7157				2389.32869	RS-700	2.245416368
6375	9/4/2019 8:32:43		-122.362	37.7157				2469.01713	RS-700	2.641876269
6376	9/4/2019 8:32:44		-122.362	37.7157				2441.98906	RS-700	2.507408259
6377	9/4/2019 8:32:45		-122.362	37.7157				2467.11904	RS-700	2.632433035
6378	9/4/2019 8:32:46		-122.362	37.7157				2507.90037	RS-700	2.835325224
6379	9/4/2019 8:32:47		-122.362	37.7157				2522.78354	RS-700	2.909370846
6380	9/4/2019 8:32:48		-122.362	37.7157				2391.22442	RS-700	2.254847861
6381	9/4/2019 8:32:49		-122.362	37.7157				2560.43292	RS-700	3.096681194
6382	9/4/2019 8:32:50		-122.362	37.7157				2482.61461	RS-700	2.709525423
6383	9/4/2019 8:32:51		-122.362	37.7157				2468.63913	RS-700	2.639995672
6384	9/4/2019 8:32:52		-122.362	37.7157				2504.01924	RS-700	2.816016119
6385	9/4/2019 8:32:53		-122.362	37.7157				2457.75345	RS-700	2.58583806
6386	9/4/2019 8:32:54		-122.362	37.7156				2376.57504	RS-700	2.181965373
6387	9/4/2019 8:32:55		-122.362	37.7157				2374.07623	RS-700	2.169533483
6388	9/4/2019 8:32:56		-122.362	37.7157				2244.14074	RS-700	1.523088259
6389	9/4/2019 8:32:57		-122.362	37.7157				2193.00496	RS-700	1.268681393
6390	9/4/2019 8:32:58		-122.362	37.7157				2191.56612	RS-700	1.261522985
6391	9/4/2019 8:32:59		-122.362	37.7157				2182.5591	RS-700	1.21671194
6392	9/4/2019 8:33:00		-122.362	37.7157				2195.66209	RS-700	1.281900945
6393	9/4/2019 8:33:01		-122.362	37.7157				2234.33459	RS-700	1.474301443
6394	9/4/2019 8:33:02		-122.362	37.7157				2297.62711	RS-700	1.789189602
6395	9/4/2019 8:33:03		-122.362	37.7157				2344.24308	RS-700	2.021109851
6396	9/4/2019 8:33:04		-122.362	37.7157				2355.72859	RS-700	2.078251692
6397	9/4/2019 8:33:05		-122.362	37.7157				2359.07298	RS-700	2.094890448
6398	9/4/2019 8:33:06		-122.362	37.7157				2298.42437	RS-700	1.79315607
6399	9/4/2019 8:33:07		-122.362	37.7157				2392.75211	RS-700	2.262448308
6400	9/4/2019 8:33:08		-122.362	37.7157				2300.40134	RS-700	1.802991741
6401	9/4/2019 8:33:09		-122.362	37.7157				2256.25309	RS-700	1.583348706
6402	9/4/2019 8:33:10		-122.362	37.7157				2249.48274	RS-700	1.549665373
6403	9/4/2019 8:33:11		-122.362	37.7157				2376.22049	RS-700	2.180201443
6404	9/4/2019 8:33:12		-122.362	37.7157				2482.62064	RS-700	2.709555423

Gamma Scan Survey Results
Survey Unit 5 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
6405	9/4/2019 8:33:13		-122.362	37.7157				2436.67288	RS-700	2.480959602
6406	9/4/2019 8:33:14		-122.362	37.7157				2511.38906	RS-700	2.852681891
6407	9/4/2019 8:33:15		-122.362	37.7157				2491.78014	RS-700	2.755125075
6408	9/4/2019 8:33:16		-122.362	37.7157				2585.42032	RS-700	3.220996617
6409	9/4/2019 8:33:17		-122.362	37.7157				2468.15321	RS-700	2.637578159
6410	9/4/2019 8:33:18		-122.362	37.7157				2459.62463	RS-700	2.595147413
6411	9/4/2019 8:33:19		-122.362	37.7157				2513.77632	RS-700	2.864558806
6412	9/4/2019 8:33:20		-122.362	37.7157				2378.09262	RS-700	2.189515522
6413	9/4/2019 8:33:21		-122.362	37.7157				2257.91831	RS-700	1.591633383
6414	9/4/2019 8:33:22		-122.362	37.7157				2140.77063	RS-700	1.008809104
6415	9/4/2019 8:33:23		-122.362	37.7157				2239.2642	RS-700	1.498826866
6416	9/4/2019 8:33:24		-122.362	37.7157				2097.7556	RS-700	0.79480398
6417	9/4/2019 8:33:25		-122.362	37.7157				2125.10455	RS-700	0.930868408
6418	9/4/2019 8:33:26		-122.362	37.7157				2216.43944	RS-700	1.385270846
6419	9/4/2019 8:33:27		-122.362	37.7157				2189.90017	RS-700	1.253234677
6420	9/4/2019 8:33:28		-122.362	37.7157				2222.79162	RS-700	1.416873731
6421	9/4/2019 8:33:29		-122.362	37.7157				2318.0811	RS-700	1.890950746
6422	9/4/2019 8:33:30		-122.362	37.7157				2324.64334	RS-700	1.923598706
6423	9/4/2019 8:33:31		-122.362	37.7157				2406.97918	RS-700	2.333229751
6424	9/4/2019 8:33:32		-122.362	37.7157				2350.07606	RS-700	2.050129652
6425	9/4/2019 8:33:33		-122.362	37.7157				2348.20279	RS-700	2.040809901
6426	9/4/2019 8:33:34		-122.362	37.7157				2379.74085	RS-700	2.197715672
6427	9/4/2019 8:33:35		-122.362	37.7157				2383.49282	RS-700	2.216382189
6428	9/4/2019 8:33:36		-122.362	37.7157				2380.68441	RS-700	2.20241
6429	9/4/2019 8:33:37		-122.362	37.7157				2366.0614	RS-700	2.129658706
6430	9/4/2019 8:33:38		-122.362	37.7157				2360.96292	RS-700	2.104293134
6431	9/4/2019 8:33:39		-122.362	37.7157				2354.72956	RS-700	2.073281393
6432	9/4/2019 8:33:40		-122.362	37.7157				2222.79081	RS-700	1.416869701
6433	9/4/2019 8:33:41		-122.362	37.7157				2237.46127	RS-700	1.489857065
6434	9/4/2019 8:33:42		-122.362	37.7157				2372.96722	RS-700	2.16401602
6435	9/4/2019 8:33:43		-122.362	37.7157				2279.16356	RS-700	1.697331144
6436	9/4/2019 8:33:44		-122.362	37.7157				2274.91235	RS-700	1.676180846
6437	9/4/2019 8:33:45		-122.362	37.7157				2319.49125	RS-700	1.897966418
6438	9/4/2019 8:33:46		-122.362	37.7157				2333.07289	RS-700	1.965536766
6439	9/4/2019 8:33:47		-122.362	37.7157				2302.41211	RS-700	1.812995572
6440	9/4/2019 8:33:48		-122.362	37.7157				2398.11284	RS-700	2.289118607
6441	9/4/2019 8:33:49		-122.362	37.7157				2456.87088	RS-700	2.581447164
6442	9/4/2019 8:33:50		-122.362	37.7157				2432.86767	RS-700	2.462028209
6443	9/4/2019 8:33:51		-122.362	37.7157				2418.07384	RS-700	2.388427065
6444	9/4/2019 8:33:52		-122.362	37.7157				2401.3339	RS-700	2.305143781
6445	9/4/2019 8:33:53		-122.362	37.7157				2407.86878	RS-700	2.337655622
6446	9/4/2019 8:33:54		-122.362	37.7157				2425.71872	RS-700	2.426461294
6447	9/4/2019 8:33:55		-122.362	37.7157				2187.99759	RS-700	1.243769104
6448	9/4/2019 8:33:56		-122.362	37.7157				2105.85389	RS-700	0.83509398
6449	9/4/2019 8:33:57		-122.362	37.7157				2164.88255	RS-700	1.128768905
6450	9/4/2019 8:33:58		-122.362	37.7157				2118.32959	RS-700	0.897162139
6451	9/4/2019 8:33:59		-122.362	37.7157				2044.03406	RS-700	0.527532637
6452	9/4/2019 8:34:00		-122.362	37.7157				2082.22752	RS-700	0.717549851
6453	9/4/2019 8:34:01		-122.362	37.7157				2062.62804	RS-700	0.62004
6454	9/4/2019 8:34:02		-122.362	37.7157				2098.28906	RS-700	0.79745801
6455	9/4/2019 8:34:03		-122.362	37.7157				2067.84131	RS-700	0.645976667
6456	9/4/2019 8:34:04		-122.362	37.7157				2092.59611	RS-700	0.769134876
6457	9/4/2019 8:34:05		-122.362	37.7157				1920.39787	RS-700	-0.087572786
6458	9/4/2019 8:34:06		-122.362	37.7157				1975.80338	RS-700	0.188076517
6459	9/4/2019 8:34:07		-122.362	37.7157				2028.13436	RS-700	0.448429652
6460	9/4/2019 8:34:08		-122.362	37.7157				2092.43592	RS-700	0.76833791
6461	9/4/2019 8:34:09		-122.362	37.7157				2081.73692	RS-700	0.715109055
6462	9/4/2019 8:34:10		-122.362	37.7157				2072.84045	RS-700	0.67084801
6463	9/4/2019 8:34:11		-122.362	37.7157				2123.76102	RS-700	0.924184179
6464	9/4/2019 8:34:12		-122.362	37.7157				2101.75291	RS-700	0.814691095
6465	9/4/2019 8:34:13		-122.362	37.7157				1997.6135	RS-700	0.296584577

Gamma Scan Survey Results
Survey Unit 5 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
6466	9/4/2019 8:34:14		-122.362	37.7157				2090.06524	RS-700	0.756543483
6467	9/4/2019 8:34:15		-122.362	37.7157				2055.51831	RS-700	0.584668209
6468	9/4/2019 8:34:16		-122.362	37.7157				2062.03737	RS-700	0.617101343
6469	9/4/2019 8:34:17		-122.362	37.7157				2098.47681	RS-700	0.79839209
6470	9/4/2019 8:34:18		-122.362	37.7157				2116.76855	RS-700	0.889395771
6471	9/4/2019 8:34:19		-122.362	37.7157				2099.95758	RS-700	0.805759104
6472	9/4/2019 8:34:20		-122.362	37.7157				2085.74666	RS-700	0.73505801
6473	9/4/2019 8:34:21		-122.362	37.7157				2033.82881	RS-700	0.476760249
6474	9/4/2019 8:34:22		-122.362	37.7157				2039.73305	RS-700	0.506134577
6475	9/4/2019 8:34:23		-122.362	37.7157				1967.7939	RS-700	0.148228358
6476	9/4/2019 8:34:24		-122.362	37.7157				2002.51634	RS-700	0.320976816
6477	9/4/2019 8:34:25		-122.362	37.7157				2044.52712	RS-700	0.529985672
6478	9/4/2019 8:34:26		-122.362	37.7157				2037.83825	RS-700	0.496707711
6479	9/4/2019 8:34:27		-122.362	37.7157				2058.5311	RS-700	0.599657214
6480	9/4/2019 8:34:28		-122.362	37.7157				2206.67756	RS-700	1.336704279
6481	9/4/2019 8:34:29		-122.362	37.7157				2085.63998	RS-700	0.734527264
6482	9/4/2019 8:34:30		-122.362	37.7157				2151.98952	RS-700	1.064624478
6483	9/4/2019 8:34:31		-122.362	37.7157				2145.99074	RS-700	1.034779801
6484	9/4/2019 8:34:32		-122.362	37.7157				2145.54922	RS-700	1.032583184
6485	9/4/2019 8:34:33		-122.362	37.7157				2098.65164	RS-700	0.799261891
6486	9/4/2019 8:34:34		-122.362	37.7157				2094.53803	RS-700	0.778796169
6487	9/4/2019 8:34:35		-122.362	37.7157				2124.86113	RS-700	0.929657363
6488	9/4/2019 8:34:36		-122.362	37.7157				2006.62626	RS-700	0.341424179
6489	9/4/2019 8:34:37		-122.362	37.7157				2051.03283	RS-700	0.562352388
6490	9/4/2019 8:34:38		-122.362	37.7157				1999.51279	RS-700	0.306033781
6491	9/4/2019 8:34:39		-122.362	37.7157				1953.81299	RS-700	0.078671592
6492	9/4/2019 8:34:40		-122.362	37.7157				2000.32326	RS-700	0.31006597
6493	9/4/2019 8:34:41		-122.362	37.7157				1977.61092	RS-700	0.197069254
6494	9/4/2019 8:34:42		-122.362	37.7157				1912.68236	RS-700	-0.125958408
6495	9/4/2019 8:34:43		-122.362	37.7157				2041.92389	RS-700	0.517034279
6496	9/4/2019 8:34:44		-122.362	37.7157				1998.81523	RS-700	0.302563333
6497	9/4/2019 8:34:45		-122.362	37.7157				2061.94609	RS-700	0.616647214
6498	9/4/2019 8:34:46		-122.362	37.7157				2142.33334	RS-700	1.016583781
6499	9/4/2019 8:34:47		-122.362	37.7157				2079.97911	RS-700	0.706363731
6500	9/4/2019 8:34:48		-122.362	37.7157				2103.85721	RS-700	0.825160249
6501	9/4/2019 8:34:49		-122.362	37.7157				2065.74064	RS-700	0.635525572
6502	9/4/2019 8:34:50		-122.362	37.7157				2076.63831	RS-700	0.689742836
6503	9/4/2019 8:34:51		-122.362	37.7157				2112.64859	RS-700	0.868898458
6504	9/4/2019 8:34:52		-122.362	37.7157				1853.46806	RS-700	-0.420556915
6505	9/4/2019 8:34:53		-122.362	37.7157				1582.45694	RS-700	-1.768870945
6506	9/4/2019 8:34:54		-122.362	37.7157				1463.36289	RS-700	-2.361378657
6507	9/4/2019 8:34:55		-122.362	37.7157				1602.58271	RS-700	-1.668742736
6508	9/4/2019 8:34:56		-122.362	37.7157				1800.82546	RS-700	-0.682460398
6509	9/4/2019 8:34:57		-122.362	37.7157				1969.60266	RS-700	0.157227164
6510	9/4/2019 8:34:58		-122.362	37.7157				2062.15213	RS-700	0.617672289
6511	9/4/2019 8:34:59		-122.362	37.7157				1768.45211	RS-700	-0.843521841
6512	9/4/2019 8:35:00		-122.362	37.7158				1193.25462	RS-700	-3.705200896
6513	9/4/2019 8:35:01		-122.362	37.7158				796.12649	RS-700	-5.680962736
6514	9/4/2019 8:35:02		-122.362	37.7158				751.00494	RS-700	-5.90544806
6515	9/4/2019 8:35:03		-122.362	37.7158				786.12286	RS-700	-5.73073204
6516	9/4/2019 8:35:04		-122.362	37.7158				926.28487	RS-700	-5.033408607
6517	9/4/2019 8:35:05		-122.362	37.7158				1695.18013	RS-700	-1.208059055
6518	9/4/2019 8:35:06		-122.362	37.7158				1881.38637	RS-700	-0.281659851
6519	9/4/2019 8:35:07		-122.362	37.7158				1938.79609	RS-700	0.003960647
6520	9/4/2019 8:35:08		-122.362	37.7158				2027.72566	RS-700	0.446396318
6521	9/4/2019 8:35:09		-122.362	37.7158				1989.61254	RS-700	0.256778806
6522	9/4/2019 8:35:10		-122.362	37.7158				1877.29694	RS-700	-0.302005274
6523	9/4/2019 8:35:11		-122.362	37.7158				1996.91466	RS-700	0.293107761
6524	9/4/2019 8:35:12		-122.362	37.7158				1993.30481	RS-700	0.275148308
6525	9/4/2019 8:35:13		-122.362	37.7158				1950.08017	RS-700	0.060100348
6526	9/4/2019 8:35:14		-122.362	37.7158				2033.61963	RS-700	0.475719552

Gamma Scan Survey Results
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SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
6527	9/4/2019 8:35:15		-122.362	37.7158				1906.48838	RS-700	-0.156774229
6528	9/4/2019 8:35:16		-122.362	37.7158				1930.96972	RS-700	-0.034976517
6529	9/4/2019 8:35:17		-122.362	37.7158				1948.60932	RS-700	0.052782687
6530	9/4/2019 8:35:18		-122.362	37.7158				2016.21908	RS-700	0.389149652
6531	9/4/2019 8:35:19		-122.362	37.7158				1957.89738	RS-700	0.09899194
6532	9/4/2019 8:35:20		-122.362	37.7158				2041.52507	RS-700	0.5150501
6533	9/4/2019 8:35:21		-122.362	37.7158				2012.61352	RS-700	0.371211542
6534	9/4/2019 8:35:22		-122.362	37.7158				1991.80973	RS-700	0.2677101
6535	9/4/2019 8:35:23		-122.362	37.7158				1998.51508	RS-700	0.30107005
6536	9/4/2019 8:35:24		-122.362	37.7158				2048.83862	RS-700	0.55143592
6537	9/4/2019 8:35:25		-122.362	37.7158				1991.90171	RS-700	0.268167711
6538	9/4/2019 8:35:26		-122.362	37.7158				2031.83343	RS-700	0.466832985
6539	9/4/2019 8:35:27		-122.362	37.7158				2000.61396	RS-700	0.311512239
6540	9/4/2019 8:35:28		-122.362	37.7158				2054.74409	RS-700	0.580816368
6541	9/4/2019 8:35:29		-122.362	37.7158				2071.84251	RS-700	0.665883134
6542	9/4/2019 8:35:30		-122.362	37.7158				2148.10619	RS-700	1.045304428
6543	9/4/2019 8:35:31		-122.362	37.7158				2063.71344	RS-700	0.62544
6544	9/4/2019 8:35:32		-122.362	37.7158				2069.04576	RS-700	0.651968955
6545	9/4/2019 8:35:33		-122.362	37.7158				2102.85961	RS-700	0.820197065
6546	9/4/2019 8:35:34		-122.362	37.7158				2043.34449	RS-700	0.52410194
6547	9/4/2019 8:35:35		-122.362	37.7158				1959.1936	RS-700	0.105440796
6548	9/4/2019 8:35:36		-122.362	37.7158				2013.90476	RS-700	0.377635622
6549	9/4/2019 8:35:37		-122.362	37.7158				1918.78105	RS-700	-0.095616667
6550	9/4/2019 8:35:38		-122.362	37.7158				1996.71496	RS-700	0.292114229
6551	9/4/2019 8:35:39		-122.362	37.7158				1877.58582	RS-700	-0.30056806
6552	9/4/2019 8:35:40		-122.362	37.7158				2009.6238	RS-700	0.356337313
6553	9/4/2019 8:35:41		-122.362	37.7158				1913.68126	RS-700	-0.120988756
6554	9/4/2019 8:35:42		-122.362	37.7158				1771.74685	RS-700	-0.8271301
6555	9/4/2019 8:35:43		-122.362	37.7158				1759.97825	RS-700	-0.885680348
6556	9/4/2019 8:35:44		-122.362	37.7158				1749.53822	RS-700	-0.937620796
6557	9/4/2019 8:35:45		-122.362	37.7158				1696.52129	RS-700	-1.201386617
6558	9/4/2019 8:35:46		-122.362	37.7158				1752.4533	RS-700	-0.92311791
6559	9/4/2019 8:35:47		-122.362	37.7158				1826.10885	RS-700	-0.556672388
6560	9/4/2019 8:35:48		-122.362	37.7158				1834.02355	RS-700	-0.517295771
6561	9/4/2019 8:35:49		-122.362	37.7158				1725.61753	RS-700	-1.056629204
6562	9/4/2019 8:35:50		-122.362	37.7158				1804.82707	RS-700	-0.662551891
6563	9/4/2019 8:35:51		-122.362	37.7159				1776.55313	RS-700	-0.803218259
6564	9/4/2019 8:35:52		-122.362	37.7159				1753.62818	RS-700	-0.917272736
6565	9/4/2019 8:35:53		-122.363	37.7159				1849.84556	RS-700	-0.438579303
6566	9/4/2019 8:35:54		-122.363	37.7159				1911.68342	RS-700	-0.130928259
6567	9/4/2019 8:35:55		-122.363	37.7159				1843.65492	RS-700	-0.469378507
6568	9/4/2019 8:35:56		-122.363	37.7159				1819.19574	RS-700	-0.59106597
6569	9/4/2019 8:35:57		-122.363	37.7159				1913.96709	RS-700	-0.119566716
6570	9/4/2019 8:35:58		-122.363	37.7159				1932.97404	RS-700	-0.025004776
6571	9/4/2019 8:35:59		-122.363	37.7159				1997.6142	RS-700	0.29658806
6572	9/4/2019 8:36:00		-122.363	37.7159				1972.81455	RS-700	0.173206716
6573	9/4/2019 8:36:01		-122.363	37.7159				1912.20707	RS-700	-0.128323035
6574	9/4/2019 8:36:02		-122.363	37.7159				1934.49592	RS-700	-0.017433234
6575	9/4/2019 8:36:03		-122.363	37.7159				2038.93077	RS-700	0.502143134
6576	9/4/2019 8:36:04		-122.363	37.7159				1952.4899	RS-700	0.072089055
6577	9/4/2019 8:36:05		-122.363	37.7159				1965.70513	RS-700	0.137836468
6578	9/4/2019 8:36:06		-122.363	37.7159				1972.41661	RS-700	0.171226915
6579	9/4/2019 8:36:07		-122.363	37.7159				2036.72694	RS-700	0.491178806
6580	9/4/2019 8:36:08		-122.363	37.7159				2025.62335	RS-700	0.435937065
6581	9/4/2019 8:36:09		-122.363	37.7159				2073.25909	RS-700	0.672930796
6582	9/4/2019 8:36:10		-122.363	37.7159				2121.87276	RS-700	0.914789851
6583	9/4/2019 8:36:11		-122.363	37.7159				2053.63076	RS-700	0.575277413
6584	9/4/2019 8:36:12		-122.363	37.7159				2040.61856	RS-700	0.5105401
6585	9/4/2019 8:36:13		-122.363	37.7159				1974.90327	RS-700	0.183598358
6586	9/4/2019 8:36:14		-122.363	37.716				2164.77225	RS-700	1.128220149
6587	9/4/2019 8:36:15		-122.363	37.716				2074.94704	RS-700	0.681328557

Gamma Scan Survey Results
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SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
6588	9/4/2019 8:36:16		-122.363	37.716				2049.72919	RS-700	0.555866617
6589	9/4/2019 8:36:17		-122.363	37.716				2039.61282	RS-700	0.505536418
6590	9/4/2019 8:36:18		-122.363	37.716				2101.85429	RS-700	0.815195473
6591	9/4/2019 8:36:19		-122.363	37.716				2124.65216	RS-700	0.928617711
6592	9/4/2019 8:36:20		-122.363	37.716				2131.30013	RS-700	0.961692189
6593	9/4/2019 8:36:21		-122.363	37.716				2124.75899	RS-700	0.929149204
6594	9/4/2019 8:36:22		-122.363	37.716				2087.85146	RS-700	0.745529652
6595	9/4/2019 8:36:23		-122.363	37.716				2021.41723	RS-700	0.415011095
6596	9/4/2019 8:36:24		-122.363	37.716				2049.53279	RS-700	0.554889502
6597	9/4/2019 8:36:25		-122.363	37.716				2015.92607	RS-700	0.387691891
6598	9/4/2019 8:36:26		-122.363	37.716				2071.94978	RS-700	0.666416816
6599	9/4/2019 8:36:27		-122.363	37.716				2075.42848	RS-700	0.683723781
6600	9/4/2019 8:36:28		-122.363	37.716				1994.42302	RS-700	0.280711542
6601	9/4/2019 8:36:29		-122.363	37.716				2022.41763	RS-700	0.419988209
6602	9/4/2019 8:36:30		-122.363	37.716				1974.59873	RS-700	0.182083234
6603	9/4/2019 8:36:31		-122.363	37.716				2078.05388	RS-700	0.696785473
6604	9/4/2019 8:36:32		-122.363	37.716				2059.92893	RS-700	0.606611592
6605	9/4/2019 8:36:33		-122.363	37.716				2057.04487	RS-700	0.592263035
6606	9/4/2019 8:36:34		-122.363	37.716				1994.41158	RS-700	0.280654627
6607	9/4/2019 8:36:35		-122.363	37.716				2085.64266	RS-700	0.734540597
6608	9/4/2019 8:36:36		-122.363	37.716				2097.63535	RS-700	0.794205721
6609	9/4/2019 8:36:37		-122.363	37.716				2023.82381	RS-700	0.426984129
6610	9/4/2019 8:36:38		-122.363	37.716				1853.74575	RS-700	-0.419175373
6611	9/4/2019 8:36:39		-122.363	37.716				1577.95817	RS-700	-1.791252886
6612	9/4/2019 8:36:40		-122.363	37.716				1833.73419	RS-700	-0.518735373
6613	9/4/2019 8:36:41		-122.363	37.716				1955.49615	RS-700	0.087045522
6614	9/4/2019 8:36:42		-122.363	37.716				2010.91194	RS-700	0.36274597
6615	9/4/2019 8:36:43		-122.363	37.7161				2019.82851	RS-700	0.407107015
6616	9/4/2019 8:36:44		-122.363	37.7161				1937.78214	RS-700	-0.001083881
6617	9/4/2019 8:36:45		-122.363	37.7161				2091.64285	RS-700	0.764392289
6618	9/4/2019 8:36:46		-122.363	37.7161				1980.41351	RS-700	0.211012488
6619	9/4/2019 8:36:47		-122.363	37.7161				1979.4087	RS-700	0.206013433
6620	9/4/2019 8:36:48		-122.363	37.7161				1930.30722	RS-700	-0.038272537
6621	9/4/2019 8:36:49		-122.363	37.7161				1538.62716	RS-700	-1.986929552
6622	9/4/2019 8:36:50		-122.363	37.7161				1134.18695	RS-700	-3.999069901
6623	9/4/2019 8:36:51		-122.363	37.7161				1078.15668	RS-700	-4.277827463
6624	9/4/2019 8:36:52		-122.363	37.7161				1085.20485	RS-700	-4.24276194
6625	9/4/2019 8:36:53		-122.363	37.7161				1245.26511	RS-700	-3.446442239
6626	9/4/2019 8:36:54		-122.363	37.7161				1658.99864	RS-700	-1.388066468
6627	9/4/2019 8:36:55		-122.363	37.7161				1822.55726	RS-700	-0.57434199
6628	9/4/2019 8:36:56		-122.363	37.7161				1910.77421	RS-700	-0.135451692
6629	9/4/2019 8:36:57		-122.363	37.7161				1968.50611	RS-700	0.151771692
6630	9/4/2019 8:36:58		-122.363	37.7161				1987.81707	RS-700	0.247846119
6631	9/4/2019 8:36:59		-122.363	37.7161				1946.6039	RS-700	0.042805473
6632	9/4/2019 8:37:00		-122.363	37.7161				1971.89979	RS-700	0.168655672
6633	9/4/2019 8:37:01		-122.363	37.7161				1979.9086	RS-700	0.208500498
6634	9/4/2019 8:37:02		-122.363	37.7161				1939.59705	RS-700	0.007945522
6635	9/4/2019 8:37:03		-122.363	37.7161				2057.0378	RS-700	0.592227861
6636	9/4/2019 8:37:04		-122.363	37.7161				1974.60735	RS-700	0.182126119
6637	9/4/2019 8:37:05		-122.363	37.7161				2019.62073	RS-700	0.406073284
6638	9/4/2019 8:37:06		-122.363	37.7161				2080.84965	RS-700	0.710694776
6639	9/4/2019 8:37:07		-122.363	37.7161				2106.83958	RS-700	0.83999791
6640	9/4/2019 8:37:08		-122.363	37.7161				2115.44704	RS-700	0.882821095
6641	9/4/2019 8:37:09		-122.363	37.7161				2103.43592	RS-700	0.823064279
6642	9/4/2019 8:37:10		-122.363	37.7161				2087.64694	RS-700	0.744512139
6643	9/4/2019 8:37:11		-122.363	37.7161				2158.44534	RS-700	1.096742985
6644	9/4/2019 8:37:12		-122.363	37.7161				2216.45962	RS-700	1.385371244
6645	9/4/2019 8:37:13		-122.363	37.7161				2114.17736	RS-700	0.876504279
6646	9/4/2019 8:37:14		-122.363	37.7161				2129.77069	RS-700	0.954083035
6647	9/4/2019 8:37:15		-122.363	37.7161				2072.84742	RS-700	0.670882687
6648	9/4/2019 8:37:16		-122.363	37.7161				1887.76916	RS-700	-0.249904677

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SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
6649	9/4/2019 8:37:17		-122.363	37.7161				1702.35417	RS-700	-1.172367313
6650	9/4/2019 8:37:18		-122.363	37.7161				1716.52903	RS-700	-1.101845622
6651	9/4/2019 8:37:19		-122.363	37.7161				1677.77256	RS-700	-1.294663881
6652	9/4/2019 8:37:20		-122.363	37.7161				1404.21905	RS-700	-2.655626617
6653	9/4/2019 8:37:21		-122.363	37.7161				1099.3421	RS-700	-4.172427363
6654	9/4/2019 8:37:22		-122.363	37.7162				1054.05587	RS-700	-4.39773199
6655	9/4/2019 8:37:23		-122.363	37.7162				1357.35091	RS-700	-2.888801443
6656	9/4/2019 8:37:24		-122.363	37.7162				1685.43596	RS-700	-1.256537512
6657	9/4/2019 8:37:25		-122.363	37.7162				1693.68588	RS-700	-1.215493134
6658	9/4/2019 8:37:26		-122.363	37.7162				1534.55678	RS-700	-2.007180199
6659	9/4/2019 8:37:27		-122.363	37.7162				1627.58843	RS-700	-1.544336169
6660	9/4/2019 8:37:28		-122.363	37.7162				1821.65949	RS-700	-0.578808507
6661	9/4/2019 8:37:29		-122.363	37.7162				1877.29036	RS-700	-0.30203801
6662	9/4/2019 8:37:30		-122.363	37.7162				1972.50165	RS-700	0.17165
6663	9/4/2019 8:37:31		-122.363	37.7162				1867.665	RS-700	-0.349925373
6664	9/4/2019 8:37:32		-122.363	37.7162				1975.19381	RS-700	0.185043831
6665	9/4/2019 8:37:33		-122.363	37.7162				1859.75535	RS-700	-0.389276866
6666	9/4/2019 8:37:34		-122.363	37.7162				2028.24657	RS-700	0.44898791
6667	9/4/2019 8:37:35		-122.363	37.7162				1869.57737	RS-700	-0.340411095
6668	9/4/2019 8:37:36		-122.363	37.7162				1942.99152	RS-700	0.024833433
6669	9/4/2019 8:37:37		-122.363	37.7162				1990.11267	RS-700	0.259267015
6670	9/4/2019 8:37:38		-122.363	37.7162				1953.90127	RS-700	0.079110796
6671	9/4/2019 8:37:39		-122.363	37.7162				1976.70792	RS-700	0.192576716
6672	9/4/2019 8:37:40		-122.363	37.7162				1935.59839	RS-700	-0.011948308
6673	9/4/2019 8:37:41		-122.363	37.7162				1996.5068	RS-700	0.291078607
6674	9/4/2019 8:37:42		-122.363	37.7162				2078.05472	RS-700	0.696789652
6675	9/4/2019 8:37:43		-122.363	37.7162				1961.79794	RS-700	0.118397711
6676	9/4/2019 8:37:44		-122.363	37.7162				1990.70772	RS-700	0.262227463
6677	9/4/2019 8:37:45		-122.363	37.7162				2011.516	RS-700	0.365751244
6678	9/4/2019 8:37:46		-122.363	37.7162				1932.98069	RS-700	-0.024971692
6679	9/4/2019 8:37:47		-122.363	37.7162				1973.71185	RS-700	0.177670896
6680	9/4/2019 8:37:48		-122.363	37.7162				2004.22277	RS-700	0.329466517
6681	9/4/2019 8:37:49		-122.363	37.7162				2096.05099	RS-700	0.786323333
6682	9/4/2019 8:37:50		-122.363	37.7162				2064.24628	RS-700	0.628090945
6683	9/4/2019 8:37:51		-122.363	37.7162				2141.51984	RS-700	1.012536517
6684	9/4/2019 8:37:52		-122.363	37.7162				2093.07495	RS-700	0.771517164
6685	9/4/2019 8:37:53		-122.363	37.7162				2125.18606	RS-700	0.93127393
6686	9/4/2019 8:37:54		-122.363	37.7162				2128.6587	RS-700	0.948550746
6687	9/4/2019 8:37:55		-122.363	37.7162				2084.95308	RS-700	0.731109851
6688	9/4/2019 8:37:56		-122.363	37.7162				2099.65467	RS-700	0.80425209
6689	9/4/2019 8:37:57		-122.363	37.7162				2076.32469	RS-700	0.688182537
6690	9/4/2019 8:37:58		-122.363	37.7162				2130.98055	RS-700	0.960102239
6691	9/4/2019 8:37:59		-122.363	37.7162				2158.66324	RS-700	1.097827065
6692	9/4/2019 8:38:00		-122.363	37.7162				2122.86764	RS-700	0.919739502
6693	9/4/2019 8:38:01		-122.363	37.7162				2104.7412	RS-700	0.829558209
6694	9/4/2019 8:38:02		-122.363	37.7162				2028.42742	RS-700	0.449887662
6695	9/4/2019 8:38:03		-122.363	37.7162				2066.84851	RS-700	0.641037363
6696	9/4/2019 8:38:04		-122.363	37.7162				2061.53271	RS-700	0.614590597
6697	9/4/2019 8:38:05		-122.363	37.7162				2002.51791	RS-700	0.320984627
6698	9/4/2019 8:38:06		-122.363	37.7162				2042.62869	RS-700	0.520540746
6699	9/4/2019 8:38:07		-122.363	37.7163				2138.29799	RS-700	0.996507413
6700	9/4/2019 8:38:08		-122.363	37.7163				2105.86396	RS-700	0.83514408
6701	9/4/2019 8:38:09		-122.363	37.7163				2173.09349	RS-700	1.169619353
6702	9/4/2019 8:38:10		-122.363	37.7163				2097.84669	RS-700	0.795257164
6703	9/4/2019 8:38:11		-122.363	37.7163				2113.82286	RS-700	0.874740597
6704	9/4/2019 8:38:12		-122.363	37.7163				2060.83987	RS-700	0.611143632
6705	9/4/2019 8:38:13		-122.363	37.7163				2068.94553	RS-700	0.651470299
6706	9/4/2019 8:38:14		-122.363	37.7163				2003.01336	RS-700	0.323449552
6707	9/4/2019 8:38:15		-122.363	37.7163				2045.33944	RS-700	0.534027065
6708	9/4/2019 8:38:16		-122.363	37.7163				2038.62385	RS-700	0.500616169
6709	9/4/2019 8:38:17		-122.363	37.7163				2074.27162	RS-700	0.677968259

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SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
6710	9/4/2019 8:38:18		-122.363	37.7163				2032.02383	RS-700	0.467780249
6711	9/4/2019 8:38:19		-122.363	37.7163				1958.89591	RS-700	0.103959751
6712	9/4/2019 8:38:20		-122.363	37.7163				1928.49642	RS-700	-0.047281493
6713	9/4/2019 8:38:21		-122.363	37.7163				1977.00698	RS-700	0.194064577
6714	9/4/2019 8:38:22		-122.363	37.7163				1974.79379	RS-700	0.183053682
6715	9/4/2019 8:38:23		-122.363	37.7163				2048.31795	RS-700	0.548845522
6716	9/4/2019 8:38:24		-122.363	37.7163				2039.52227	RS-700	0.50508592
6717	9/4/2019 8:38:25		-122.363	37.7163				2038.03891	RS-700	0.49770602
6718	9/4/2019 8:38:26		-122.363	37.7163				1988.61482	RS-700	0.251815025
6719	9/4/2019 8:38:27		-122.363	37.7163				1960.59036	RS-700	0.112389851
6720	9/4/2019 8:38:28		-122.363	37.7163				2070.64779	RS-700	0.659939254
6721	9/4/2019 8:38:29		-122.363	37.7163				2047.34683	RS-700	0.54401408
6722	9/4/2019 8:38:30		-122.363	37.7163				2021.62178	RS-700	0.416028756
6723	9/4/2019 8:38:31		-122.363	37.7163				2025.13026	RS-700	0.433483881
6724	9/4/2019 8:38:32		-122.363	37.7163				2039.62524	RS-700	0.505598209
6725	9/4/2019 8:38:33		-122.363	37.7163				1995.20869	RS-700	0.284620348
6726	9/4/2019 8:38:34		-122.363	37.7163				2053.14438	RS-700	0.572857612
6727	9/4/2019 8:38:35		-122.363	37.7163				2057.95232	RS-700	0.596777711
6728	9/4/2019 8:38:36		-122.363	37.7163				2016.80804	RS-700	0.392079801
6729	9/4/2019 8:38:37		-122.363	37.7163				2028.02063	RS-700	0.447863831
6730	9/4/2019 8:38:38		-122.363	37.7163				2116.54467	RS-700	0.88828194
6731	9/4/2019 8:38:39		-122.363	37.7163				2080.9643	RS-700	0.711265174
6732	9/4/2019 8:38:40		-122.363	37.7163				2148.98924	RS-700	1.049697711
6733	9/4/2019 8:38:41		-122.363	37.7163				2135.86861	RS-700	0.984420945
6734	9/4/2019 8:38:42		-122.363	37.7163				2102.38325	RS-700	0.817827114
6735	9/4/2019 8:38:43		-122.363	37.7163				2154.77329	RS-700	1.07847408
6736	9/4/2019 8:38:44		-122.363	37.7163				2235.47198	RS-700	1.4799601
6737	9/4/2019 8:38:45		-122.363	37.7163				2177.02805	RS-700	1.189194279
6738	9/4/2019 8:38:46		-122.363	37.7163				2160.09576	RS-700	1.10495403
6739	9/4/2019 8:38:47		-122.363	37.7163				2045.52358	RS-700	0.534943184
6740	9/4/2019 8:38:48		-122.363	37.7163				2101.65423	RS-700	0.814200149
6741	9/4/2019 8:38:49		-122.363	37.7163				2030.93418	RS-700	0.462359104
6742	9/4/2019 8:38:50		-122.363	37.7163				2013.71732	RS-700	0.376703085
6743	9/4/2019 8:38:51		-122.363	37.7163				2019.03022	RS-700	0.403135423
6744	9/4/2019 8:38:52		-122.363	37.7163				1913.7833	RS-700	-0.120481095
6745	9/4/2019 8:38:53		-122.363	37.7163				2025.02858	RS-700	0.43297801
6746	9/4/2019 8:38:54		-122.363	37.7163				1954.50354	RS-700	0.082107164
6747	9/4/2019 8:38:55		-122.363	37.7163				1985.21176	RS-700	0.234884378
6748	9/4/2019 8:38:56		-122.363	37.7164				2020.52836	RS-700	0.410588856
6749	9/4/2019 8:38:57		-122.363	37.7164				1967.90495	RS-700	0.148780846
6750	9/4/2019 8:38:58		-122.363	37.7164				1935.69675	RS-700	-0.011458955
6751	9/4/2019 8:38:59		-122.363	37.7164				2002.70412	RS-700	0.321911045
6752	9/4/2019 8:39:00		-122.363	37.7164				1993.7105	RS-700	0.277166667
6753	9/4/2019 8:39:01		-122.363	37.7164				2004.7166	RS-700	0.331923383
6754	9/4/2019 8:39:02		-122.363	37.7164				2191.78341	RS-700	1.26260403
6755	9/4/2019 8:39:03		-122.363	37.7164				2070.74273	RS-700	0.660411592
6756	9/4/2019 8:39:04		-122.363	37.7164				2116.97303	RS-700	0.890413085
6757	9/4/2019 8:39:05		-122.363	37.7164				2061.14236	RS-700	0.612648557
6758	9/4/2019 8:39:06		-122.363	37.7164				1985.6101	RS-700	0.236866169
6759	9/4/2019 8:39:07		-122.363	37.7164				2028.73895	RS-700	0.451437562
6760	9/4/2019 8:39:08		-122.363	37.7164				2087.64463	RS-700	0.744500647
6761	9/4/2019 8:39:09		-122.363	37.7164				2152.22859	RS-700	1.065813881
6762	9/4/2019 8:39:10		-122.363	37.7164				2017.72678	RS-700	0.396650647
6763	9/4/2019 8:39:11		-122.363	37.7164				2010.41596	RS-700	0.360278408
6764	9/4/2019 8:39:12		-122.363	37.7164				2086.37315	RS-700	0.738174876
6765	9/4/2019 8:39:13		-122.363	37.7164				2018.61977	RS-700	0.401093383
6766	9/4/2019 8:39:14		-122.363	37.7164				2011.90796	RS-700	0.367701294
6767	9/4/2019 8:39:15		-122.363	37.7164				1976.51931	RS-700	0.191638358
6768	9/4/2019 8:39:16		-122.363	37.7164				1974.31009	RS-700	0.180647214
6769	9/4/2019 8:39:17		-122.363	37.7164				2011.01919	RS-700	0.363279552
6770	9/4/2019 8:39:18		-122.363	37.7164				1972.50849	RS-700	0.17168403

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SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
6771	9/4/2019 8:39:19		-122.363	37.7164				2120.44797	RS-700	0.907701343
6772	9/4/2019 8:39:20		-122.363	37.7164				2043.83304	RS-700	0.526532537
6773	9/4/2019 8:39:21		-122.363	37.7164				2009.81502	RS-700	0.357288657
6774	9/4/2019 8:39:22		-122.363	37.7164				1938.40095	RS-700	0.001994776
6775	9/4/2019 8:39:23		-122.363	37.7164				1941.6963	RS-700	0.018389552
6776	9/4/2019 8:39:24		-122.363	37.7164				2039.82531	RS-700	0.506593582
6777	9/4/2019 8:39:25		-122.363	37.7164				2030.03231	RS-700	0.457872189
6778	9/4/2019 8:39:26		-122.363	37.7164				1997.70342	RS-700	0.29703194
6779	9/4/2019 8:39:27		-122.363	37.7164				1943.60549	RS-700	0.02788801
6780	9/4/2019 8:39:28		-122.363	37.7164				1978.70348	RS-700	0.202504876
6781	9/4/2019 8:39:29		-122.363	37.7164				1914.07663	RS-700	-0.119021741
6782	9/4/2019 8:39:30		-122.363	37.7164				1953.19109	RS-700	0.075577562
6783	9/4/2019 8:39:31		-122.363	37.7164				1991.71365	RS-700	0.26723209
6784	9/4/2019 8:39:32		-122.363	37.7164				2094.84803	RS-700	0.780338458
6785	9/4/2019 8:39:33		-122.363	37.7165				2063.02989	RS-700	0.622039254
6786	9/4/2019 8:39:34		-122.363	37.7165				1968.80291	RS-700	0.153248308
6787	9/4/2019 8:39:35		-122.363	37.7165				2131.76825	RS-700	0.964021144
6788	9/4/2019 8:39:36		-122.363	37.7165				2106.96663	RS-700	0.84063
6789	9/4/2019 8:39:37		-122.363	37.7165				2071.62842	RS-700	0.66481801
6790	9/4/2019 8:39:38		-122.363	37.7165				2080.74373	RS-700	0.710167811
6791	9/4/2019 8:39:39		-122.363	37.7165				2050.11561	RS-700	0.557789104
6792	9/4/2019 8:39:40		-122.363	37.7165				2114.33113	RS-700	0.877269303
6793	9/4/2019 8:39:41		-122.363	37.7165				1978.60766	RS-700	0.202028159
6794	9/4/2019 8:39:42		-122.363	37.7165				1996.21779	RS-700	0.289640746
6795	9/4/2019 8:39:43		-122.363	37.7165				2042.03511	RS-700	0.517587612
6796	9/4/2019 8:39:44		-122.364	37.7165				2057.42347	RS-700	0.594146617
6797	9/4/2019 8:39:45		-122.364	37.7165				2091.4376	RS-700	0.763371144
6798	9/4/2019 8:39:46		-122.364	37.7165				1990.61167	RS-700	0.261749602
6799	9/4/2019 8:39:47		-122.364	37.7165				1973.7075	RS-700	0.177649254
6800	9/4/2019 8:39:48		-122.364	37.7165				2048.03894	RS-700	0.547457413
6801	9/4/2019 8:39:49		-122.364	37.7165				1992.10073	RS-700	0.269157861
6802	9/4/2019 8:39:50		-122.364	37.7165				1910.9709	RS-700	-0.134473134
6803	9/4/2019 8:39:51		-122.364	37.7165				1879.57192	RS-700	-0.290686965
6804	9/4/2019 8:39:52		-122.364	37.7165				1876.19999	RS-700	-0.307462736
6805	9/4/2019 8:39:53		-122.364	37.7165				1893.39011	RS-700	-0.221939751
6806	9/4/2019 8:39:54		-122.364	37.7165				1969.90039	RS-700	0.158708408
6807	9/4/2019 8:39:55		-122.364	37.7165				1896.86738	RS-700	-0.2046399
6808	9/4/2019 8:39:56		-122.364	37.7165				1883.7679	RS-700	-0.269811443
6809	9/4/2019 8:39:57		-122.364	37.7165				1906.77645	RS-700	-0.155341045
6810	9/4/2019 8:39:58		-122.364	37.7165				1988.81171	RS-700	0.252794577
6811	9/4/2019 8:39:59		-122.364	37.7165				1889.0662	RS-700	-0.243451741
6812	9/4/2019 8:40:00		-122.364	37.7165				1977.90271	RS-700	0.198520945
6813	9/4/2019 8:40:01		-122.364	37.7165				1972.80283	RS-700	0.173148408
6814	9/4/2019 8:40:02		-122.364	37.7165				2080.04785	RS-700	0.706705721
6815	9/4/2019 8:40:03		-122.364	37.7165				2020.5316	RS-700	0.410604975
6816	9/4/2019 8:40:04		-122.364	37.7165				2080.0546	RS-700	0.706739303
6817	9/4/2019 8:40:05		-122.364	37.7165				2033.63277	RS-700	0.475784925
6818	9/4/2019 8:40:06		-122.364	37.7165				2032.6229	RS-700	0.470760697
6819	9/4/2019 8:40:07		-122.364	37.7165				2127.29301	RS-700	0.941756269
6820	9/4/2019 8:40:08		-122.364	37.7165				2047.04721	RS-700	0.542523433
6821	9/4/2019 8:40:09		-122.364	37.7165				1999.01566	RS-700	0.303560498
6822	9/4/2019 8:40:10		-122.364	37.7166				2074.52842	RS-700	0.679245871
6823	9/4/2019 8:40:11		-122.364	37.7166				2048.93858	RS-700	0.551933234
6824	9/4/2019 8:40:12		-122.364	37.7166				2081.84918	RS-700	0.715667562
6825	9/4/2019 8:40:13		-122.364	37.7166				2167.10957	RS-700	1.139848607
6826	9/4/2019 8:40:14		-122.364	37.7166				2096.63748	RS-700	0.789241194
6827	9/4/2019 8:40:15		-122.364	37.7166				2143.7622	RS-700	1.023692537
6828	9/4/2019 8:40:16		-122.364	37.7166				2110.55385	RS-700	0.858476866
6829	9/4/2019 8:40:17		-122.364	37.7166				2046.94542	RS-700	0.542017015
6830	9/4/2019 8:40:18		-122.364	37.7166				2153.87656	RS-700	1.074012736
6831	9/4/2019 8:40:19		-122.364	37.7166				2179.8892	RS-700	1.203428856

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SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
6832	9/4/2019 8:40:20		-122.364	37.7166				2198.00546	RS-700	1.293559502
6833	9/4/2019 8:40:21		-122.364	37.7166				2095.53782	RS-700	0.783770249
6834	9/4/2019 8:40:22		-122.364	37.7166				2193.45389	RS-700	1.270914876
6835	9/4/2019 8:40:23		-122.364	37.7166				2260.04183	RS-700	1.602198159
6836	9/4/2019 8:40:24		-122.364	37.7166				2217.79668	RS-700	1.392023284
6837	9/4/2019 8:40:25		-122.364	37.7166				2173.19685	RS-700	1.170133582
6838	9/4/2019 8:40:26		-122.364	37.7166				2148.7703	RS-700	1.048608458
6839	9/4/2019 8:40:27		-122.364	37.7166				2110.17706	RS-700	0.856602289
6840	9/4/2019 8:40:28		-122.364	37.7166				2196.22557	RS-700	1.284704328
6841	9/4/2019 8:40:29		-122.364	37.7166				2162.88153	RS-700	1.118813582
6842	9/4/2019 8:40:30		-122.364	37.7166				2043.62636	RS-700	0.525504279
6843	9/4/2019 8:40:31		-122.364	37.7166				2265.27325	RS-700	1.628225124
6844	9/4/2019 8:40:32		-122.364	37.7166				2151.5432	RS-700	1.06240398
6845	9/4/2019 8:40:33		-122.364	37.7166				2168.88384	RS-700	1.148675821
6846	9/4/2019 8:40:34		-122.364	37.7166				2285.93622	RS-700	1.73102597
6847	9/4/2019 8:40:35		-122.364	37.7166				2091.85108	RS-700	0.765428259
6848	9/4/2019 8:40:36		-122.364	37.7166				2115.07805	RS-700	0.880985323
6849	9/4/2019 8:40:37		-122.364	37.7166				2127.43472	RS-700	0.942461294
6850	9/4/2019 8:40:38		-122.364	37.7166				2218.89961	RS-700	1.397510498
6851	9/4/2019 8:40:39		-122.364	37.7166				2098.53942	RS-700	0.798703582
6852	9/4/2019 8:40:40		-122.364	37.7166				2193.667	RS-700	1.271975124
6853	9/4/2019 8:40:41		-122.364	37.7166				2143.87451	RS-700	1.024251294
6854	9/4/2019 8:40:42		-122.364	37.7166				2162.99076	RS-700	1.119357015
6855	9/4/2019 8:40:43		-122.364	37.7166				2121.85731	RS-700	0.914712985
6856	9/4/2019 8:40:44		-122.364	37.7166				2143.44365	RS-700	1.022107711
6857	9/4/2019 8:40:45		-122.364	37.7166				2197.67472	RS-700	1.29191403
6858	9/4/2019 8:40:46		-122.364	37.7166				2151.76923	RS-700	1.063528507
6859	9/4/2019 8:40:47		-122.364	37.7166				2150.77082	RS-700	1.058561294
6860	9/4/2019 8:40:48		-122.364	37.7166				2138.97413	RS-700	0.999871294
6861	9/4/2019 8:40:49		-122.364	37.7166				2213.23121	RS-700	1.369309502
6862	9/4/2019 8:40:50		-122.364	37.7166				2209.65729	RS-700	1.351528806
6863	9/4/2019 8:40:51		-122.364	37.7166				2197.11556	RS-700	1.289132139
6864	9/4/2019 8:40:52		-122.364	37.7166				2187.01311	RS-700	1.238871194
6865	9/4/2019 9:11:04		-122.364	37.7167				2097.95619	RS-700	0.79580194
6866	9/4/2019 9:11:05		-122.364	37.7167				2291.71045	RS-700	1.759753483
6867	9/4/2019 9:11:06		-122.364	37.7167				2173.55828	RS-700	1.171931741
6868	9/4/2019 9:11:07		-122.364	37.7167				2156.09112	RS-700	1.085030448
6869	9/4/2019 9:11:08		-122.364	37.7167				2143.30084	RS-700	1.021397214
6870	9/4/2019 9:11:09		-122.364	37.7167				2189.99482	RS-700	1.253705572
6871	9/4/2019 9:11:10		-122.364	37.7167				2165.77822	RS-700	1.133224975
6872	9/4/2019 9:11:11		-122.364	37.7167				2139.97735	RS-700	1.004862438
6873	9/4/2019 9:11:12		-122.364	37.7167				2154.55121	RS-700	1.077369204
6874	9/4/2019 9:11:13		-122.364	37.7167				2140.97958	RS-700	1.009848657
6875	9/4/2019 9:11:14		-122.364	37.7167				2243.14154	RS-700	1.518117114
6876	9/4/2019 9:11:15		-122.364	37.7167				2101.75335	RS-700	0.814693284
6877	9/4/2019 9:11:16		-122.364	37.7167				2152.63858	RS-700	1.067853632
6878	9/4/2019 9:11:17		-122.364	37.7167				2209.11786	RS-700	1.348845075
6879	9/4/2019 9:11:18		-122.364	37.7167				2195.67378	RS-700	1.281959104
6880	9/4/2019 9:11:19		-122.364	37.7167				2163.78165	RS-700	1.123291791
6881	9/4/2019 9:11:20		-122.364	37.7167				2162.324	RS-700	1.116039801
6882	9/4/2019 9:11:21		-122.364	37.7167				2220.68464	RS-700	1.406391244
6883	9/4/2019 9:11:22		-122.364	37.7167				2137.57788	RS-700	0.992924776
6884	9/4/2019 9:11:23		-122.364	37.7167				2166.98518	RS-700	1.139229751
6885	9/4/2019 9:11:24		-122.364	37.7167				2227.2397	RS-700	1.439003483
6886	9/4/2019 9:11:25		-122.364	37.7167				2241.13537	RS-700	1.508136169
6887	9/4/2019 9:11:26		-122.364	37.7167				2098.96023	RS-700	0.800797164
6888	9/4/2019 9:11:27		-122.364	37.7167				2112.76291	RS-700	0.869467214
6889	9/4/2019 9:11:28		-122.364	37.7167				2106.32666	RS-700	0.83744607
6890	9/4/2019 9:11:29		-122.364	37.7167				2221.68428	RS-700	1.411364577
6891	9/4/2019 9:11:30		-122.364	37.7167				2154.66553	RS-700	1.07793796
6892	9/4/2019 9:11:31		-122.364	37.7167				2168.77606	RS-700	1.148139602

Gamma Scan Survey Results
Survey Unit 5 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
6893	9/4/2019 9:11:32		-122.364	37.7167				2174.31908	RS-700	1.175716816
6894	9/4/2019 9:11:33		-122.364	37.7167				2208.45696	RS-700	1.345557015
6895	9/4/2019 9:11:34		-122.364	37.7167				2178.87719	RS-700	1.19839398
6896	9/4/2019 9:11:35		-122.364	37.7167				2235.91086	RS-700	1.482143582
6897	9/4/2019 9:11:36		-122.364	37.7167				2175.55965	RS-700	1.181888806
6898	9/4/2019 9:11:37		-122.364	37.7167				2231.2367	RS-700	1.458889055
6899	9/4/2019 9:11:38		-122.364	37.7167				2105.53674	RS-700	0.833516119
6900	9/4/2019 9:11:39		-122.364	37.7167				2160.77205	RS-700	1.108318657
6901	9/4/2019 9:11:40		-122.364	37.7167				2187.21833	RS-700	1.239892189
6902	9/4/2019 9:11:41		-122.364	37.7167				2183.54349	RS-700	1.221609403
6903	9/4/2019 9:11:42		-122.364	37.7167				2177.22437	RS-700	1.190170995
6904	9/4/2019 9:11:43		-122.364	37.7167				2246.68917	RS-700	1.535767015
6905	9/4/2019 9:11:44		-122.364	37.7167				2247.2458	RS-700	1.538536318
6906	9/4/2019 9:11:45		-122.364	37.7167				2284.70043	RS-700	1.724877761
6907	9/4/2019 9:11:46		-122.364	37.7167				2252.58106	RS-700	1.565079901
6908	9/4/2019 9:11:47		-122.364	37.7167				2210.88701	RS-700	1.357646816
6909	9/4/2019 9:11:48		-122.364	37.7167				2094.95766	RS-700	0.780883881
6910	9/4/2019 9:11:49		-122.364	37.7167				2167.87796	RS-700	1.143671443
6911	9/4/2019 9:11:50		-122.364	37.7167				2116.22257	RS-700	0.886679453
6912	9/4/2019 9:11:51		-122.364	37.7167				2159.20767	RS-700	1.100535672
6913	9/4/2019 9:11:52		-122.364	37.7167				2138.6565	RS-700	0.998291045
6914	9/4/2019 9:11:53		-122.364	37.7167				2155.87628	RS-700	1.083961592
6915	9/4/2019 9:11:54		-122.364	37.7167				2238.47201	RS-700	1.494885622
6916	9/4/2019 9:11:55		-122.364	37.7167				2202.7799	RS-700	1.317312935
6917	9/4/2019 9:11:56		-122.364	37.7167				2219.12483	RS-700	1.398630995
6918	9/4/2019 9:11:57		-122.364	37.7167				2206.23312	RS-700	1.334493134
6919	9/4/2019 9:11:58		-122.364	37.7167				2137.87261	RS-700	0.994391095
6920	9/4/2019 9:11:59		-122.364	37.7167				2229.35342	RS-700	1.449519502
6921	9/4/2019 9:12:00		-122.364	37.7167				2157.53921	RS-700	1.092234876
6922	9/4/2019 9:12:01		-122.364	37.7167				2184.99293	RS-700	1.228820547
6923	9/4/2019 9:12:02		-122.364	37.7167				2099.54504	RS-700	0.803706667
6924	9/4/2019 9:12:03		-122.364	37.7167				2107.96403	RS-700	0.845592189
6925	9/4/2019 9:12:04		-122.364	37.7166				2200.11605	RS-700	1.30405995
6926	9/4/2019 9:12:05		-122.364	37.7166				2122.61021	RS-700	0.918458756
6927	9/4/2019 9:12:06		-122.364	37.7166				2146.97547	RS-700	1.039678955
6928	9/4/2019 9:12:07		-122.364	37.7166				2166.86408	RS-700	1.138627264
6929	9/4/2019 9:12:08		-122.364	37.7166				2197.44574	RS-700	1.290774826
6930	9/4/2019 9:12:09		-122.364	37.7166				2165.53063	RS-700	1.131993184
6931	9/4/2019 9:12:10		-122.364	37.7166				2118.07583	RS-700	0.895899652
6932	9/4/2019 9:12:11		-122.364	37.7166				2095.44498	RS-700	0.783308358
6933	9/4/2019 9:12:12		-122.364	37.7166				2205.78516	RS-700	1.332264478
6934	9/4/2019 9:12:13		-122.364	37.7166				2184.44992	RS-700	1.226119005
6935	9/4/2019 9:12:14		-122.364	37.7166				2095.74313	RS-700	0.784791692
6936	9/4/2019 9:12:15		-122.364	37.7166				2143.65639	RS-700	1.023166119
6937	9/4/2019 9:12:16		-122.364	37.7166				2276.157	RS-700	1.682373134
6938	9/4/2019 9:12:17		-122.364	37.7166				2143.65817	RS-700	1.023174975
6939	9/4/2019 9:12:18		-122.364	37.7166				2221.79692	RS-700	1.411924975
6940	9/4/2019 9:12:19		-122.364	37.7166				2191.23778	RS-700	1.259889453
6941	9/4/2019 9:12:20		-122.364	37.7166				2130.76088	RS-700	0.959009353
6942	9/4/2019 9:12:21		-122.364	37.7166				2243.36019	RS-700	1.519204925
6943	9/4/2019 9:12:22		-122.364	37.7166				2165.7772	RS-700	1.133219901
6944	9/4/2019 9:12:23		-122.364	37.7166				2098.85265	RS-700	0.80026194
6945	9/4/2019 9:12:24		-122.364	37.7166				2145.12284	RS-700	1.030461891
6946	9/4/2019 9:12:25		-122.364	37.7166				2147.08617	RS-700	1.040229701
6947	9/4/2019 9:12:26		-122.364	37.7166				2091.84193	RS-700	0.765382736
6948	9/4/2019 9:12:27		-122.364	37.7166				2067.84124	RS-700	0.645976318
6949	9/4/2019 9:12:28		-122.364	37.7166				2039.86441	RS-700	0.506788109
6950	9/4/2019 9:12:29		-122.364	37.7166				2112.83743	RS-700	0.86983796
6951	9/4/2019 9:12:30		-122.364	37.7166				2086.43213	RS-700	0.738468308
6952	9/4/2019 9:12:31		-122.364	37.7166				2147.65897	RS-700	1.043079453
6953	9/4/2019 9:12:32		-122.364	37.7166				2077.63709	RS-700	0.694711891

Gamma Scan Survey Results
Survey Unit 5 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
6954	9/4/2019 9:12:33		-122.364	37.7166				2125.54471	RS-700	0.933058259
6955	9/4/2019 9:12:34		-122.364	37.7166				2133.33498	RS-700	0.971815821
6956	9/4/2019 9:12:35		-122.364	37.7166				2139.98051	RS-700	1.004878159
6957	9/4/2019 9:12:36		-122.364	37.7166				2149.87903	RS-700	1.054124527
6958	9/4/2019 9:12:37		-122.364	37.7166				2147.08744	RS-700	1.04023602
6959	9/4/2019 9:12:38		-122.364	37.7166				2107.26991	RS-700	0.842138856
6960	9/4/2019 9:12:39		-122.364	37.7166				2086.64042	RS-700	0.739504577
6961	9/4/2019 9:12:40		-122.364	37.7166				2095.64423	RS-700	0.784299652
6962	9/4/2019 9:12:41		-122.364	37.7165				2077.04464	RS-700	0.691764378
6963	9/4/2019 9:12:42		-122.364	37.7165				2015.22369	RS-700	0.384197463
6964	9/4/2019 9:12:43		-122.364	37.7165				2053.62829	RS-700	0.575265124
6965	9/4/2019 9:12:44		-122.364	37.7165				1981.01639	RS-700	0.214011891
6966	9/4/2019 9:12:45		-122.364	37.7165				1942.68985	RS-700	0.023332587
6967	9/4/2019 9:12:46		-122.364	37.7165				2021.72406	RS-700	0.416537612
6968	9/4/2019 9:12:47		-122.364	37.7165				1906.24567	RS-700	-0.157981741
6969	9/4/2019 9:12:48		-122.364	37.7165				1966.69746	RS-700	0.142773433
6970	9/4/2019 9:12:49		-122.364	37.7165				1967.49978	RS-700	0.146765075
6971	9/4/2019 9:12:50		-122.364	37.7165				1862.66474	RS-700	-0.374802289
6972	9/4/2019 9:12:51		-122.364	37.7165				1841.38053	RS-700	-0.480693881
6973	9/4/2019 9:12:52		-122.364	37.7165				1948.98832	RS-700	0.054668259
6974	9/4/2019 9:12:53		-122.364	37.7165				1894.67308	RS-700	-0.215556816
6975	9/4/2019 9:12:54		-122.364	37.7165				1904.07898	RS-700	-0.168761294
6976	9/4/2019 9:12:55		-122.364	37.7165				1958.79512	RS-700	0.103458308
6977	9/4/2019 9:12:56		-122.364	37.7165				1872.41817	RS-700	-0.326277761
6978	9/4/2019 9:12:57		-122.364	37.7165				1861.38301	RS-700	-0.381179055
6979	9/4/2019 9:12:58		-122.364	37.7165				1950.04271	RS-700	0.05991398
6980	9/4/2019 9:12:59		-122.364	37.7165				2045.62604	RS-700	0.535452935
6981	9/4/2019 9:13:00		-122.363	37.7165				1990.51099	RS-700	0.261248706
6982	9/4/2019 9:13:01		-122.363	37.7165				2052.52211	RS-700	0.569761741
6983	9/4/2019 9:13:02		-122.363	37.7165				2004.51722	RS-700	0.330931443
6984	9/4/2019 9:13:03		-122.363	37.7165				2029.62458	RS-700	0.455843682
6985	9/4/2019 9:13:04		-122.363	37.7165				1992.62068	RS-700	0.271744677
6986	9/4/2019 9:13:05		-122.363	37.7165				2023.22741	RS-700	0.424016965
6987	9/4/2019 9:13:06		-122.363	37.7165				2019.52349	RS-700	0.405589502
6988	9/4/2019 9:13:07		-122.363	37.7165				2110.98608	RS-700	0.860627264
6989	9/4/2019 9:13:08		-122.363	37.7165				2031.82577	RS-700	0.466794876
6990	9/4/2019 9:13:09		-122.363	37.7165				2004.10261	RS-700	0.328868706
6991	9/4/2019 9:13:10		-122.363	37.7165				2009.21574	RS-700	0.354307164
6992	9/4/2019 9:13:11		-122.363	37.7165				2104.73105	RS-700	0.829507711
6993	9/4/2019 9:13:12		-122.363	37.7165				2099.64795	RS-700	0.804218657
6994	9/4/2019 9:13:13		-122.363	37.7165				2013.22637	RS-700	0.374260547
6995	9/4/2019 9:13:14		-122.363	37.7165				1988.10975	RS-700	0.249302239
6996	9/4/2019 9:13:15		-122.363	37.7165				1976.70989	RS-700	0.192586517
6997	9/4/2019 9:13:16		-122.363	37.7165				2060.15072	RS-700	0.607715025
6998	9/4/2019 9:13:17		-122.363	37.7165				1963.00304	RS-700	0.124393234
6999	9/4/2019 9:13:18		-122.363	37.7165				1946.08671	RS-700	0.040232388
7000	9/4/2019 9:13:19		-122.363	37.7165				2014.00881	RS-700	0.378153284
7001	9/4/2019 9:13:20		-122.363	37.7165				1903.87723	RS-700	-0.169765025
7002	9/4/2019 9:13:21		-122.363	37.7164				1936.78705	RS-700	-0.006034577
7003	9/4/2019 9:13:22		-122.363	37.7164				1939.19926	RS-700	0.005966468
7004	9/4/2019 9:13:23		-122.363	37.7164				1984.80763	RS-700	0.232873781
7005	9/4/2019 9:13:24		-122.363	37.7164				2028.72597	RS-700	0.451372985
7006	9/4/2019 9:13:25		-122.363	37.7164				2044.9366	RS-700	0.532022886
7007	9/4/2019 9:13:26		-122.363	37.7164				2007.71483	RS-700	0.34683995
7008	9/4/2019 9:13:27		-122.363	37.7164				2138.87502	RS-700	0.999378209
7009	9/4/2019 9:13:28		-122.363	37.7164				2051.52741	RS-700	0.564812985
7010	9/4/2019 9:13:29		-122.363	37.7164				2108.96022	RS-700	0.850548358
7011	9/4/2019 9:13:30		-122.363	37.7164				2073.11294	RS-700	0.672203682
7012	9/4/2019 9:13:31		-122.363	37.7164				1991.80083	RS-700	0.267665821
7013	9/4/2019 9:13:32		-122.363	37.7164				2105.06684	RS-700	0.831178308
7014	9/4/2019 9:13:33		-122.363	37.7164				2079.47917	RS-700	0.703876468

Gamma Scan Survey Results
Survey Unit 5 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
7015	9/4/2019 9:13:34		-122.363	37.7164				2093.06398	RS-700	0.771462587
7016	9/4/2019 9:13:35		-122.363	37.7164				2118.741	RS-700	0.899208955
7017	9/4/2019 9:13:36		-122.363	37.7164				2130.44111	RS-700	0.957418458
7018	9/4/2019 9:13:37		-122.363	37.7164				2063.72837	RS-700	0.625514279
7019	9/4/2019 9:13:38		-122.363	37.7164				2119.75351	RS-700	0.904246318
7020	9/4/2019 9:13:39		-122.363	37.7164				2110.33096	RS-700	0.85736796
7021	9/4/2019 9:13:40		-122.363	37.7164				2154.96767	RS-700	1.079441144
7022	9/4/2019 9:13:41		-122.363	37.7164				2143.32933	RS-700	1.021538955
7023	9/4/2019 9:13:42		-122.363	37.7164				2092.74119	RS-700	0.769856667
7024	9/4/2019 9:13:43		-122.363	37.7164				2181.55411	RS-700	1.21171199
7025	9/4/2019 9:13:44		-122.363	37.7164				2191.74466	RS-700	1.262411244
7026	9/4/2019 9:13:45		-122.363	37.7164				2129.29315	RS-700	0.951707214
7027	9/4/2019 9:13:46		-122.363	37.7164				2147.09548	RS-700	1.04027602
7028	9/4/2019 9:13:47		-122.363	37.7164				2089.642	RS-700	0.754437811
7029	9/4/2019 9:13:48		-122.363	37.7164				2061.94021	RS-700	0.61661796
7030	9/4/2019 9:13:49		-122.363	37.7164				1991.90758	RS-700	0.268196915
7031	9/4/2019 9:13:50		-122.363	37.7164				2095.8507	RS-700	0.785326866
7032	9/4/2019 9:13:51		-122.363	37.7164				2055.63153	RS-700	0.585231493
7033	9/4/2019 9:13:52		-122.363	37.7164				2020.92272	RS-700	0.412550846
7034	9/4/2019 9:13:53		-122.363	37.7164				1989.21017	RS-700	0.254776965
7035	9/4/2019 9:13:54		-122.363	37.7164				2029.62432	RS-700	0.455842388
7036	9/4/2019 9:13:55		-122.363	37.7164				2012.82664	RS-700	0.372271841
7037	9/4/2019 9:13:56		-122.363	37.7164				2021.72622	RS-700	0.416548358
7038	9/4/2019 9:13:57		-122.363	37.7163				2039.62308	RS-700	0.505587463
7039	9/4/2019 9:13:58		-122.363	37.7163				2039.83067	RS-700	0.506620249
7040	9/4/2019 9:13:59		-122.363	37.7163				2066.73779	RS-700	0.640486517
7041	9/4/2019 9:14:00		-122.363	37.7163				2009.41636	RS-700	0.355305274
7042	9/4/2019 9:14:01		-122.363	37.7163				2071.52606	RS-700	0.664308756
7043	9/4/2019 9:14:02		-122.363	37.7163				2014.81614	RS-700	0.382169851
7044	9/4/2019 9:14:03		-122.363	37.7163				2112.28212	RS-700	0.867075224
7045	9/4/2019 9:14:04		-122.363	37.7163				2033.62117	RS-700	0.475727214
7046	9/4/2019 9:14:05		-122.363	37.7163				2156.66092	RS-700	1.087865274
7047	9/4/2019 9:14:06		-122.363	37.7163				2144.89004	RS-700	1.029303682
7048	9/4/2019 9:14:07		-122.363	37.7163				2108.9593	RS-700	0.850543781
7049	9/4/2019 9:14:08		-122.363	37.7163				2046.72958	RS-700	0.540943184
7050	9/4/2019 9:14:09		-122.363	37.7163				2022.30842	RS-700	0.419444876
7051	9/4/2019 9:14:10		-122.363	37.7163				1939.28603	RS-700	0.006398159
7052	9/4/2019 9:14:11		-122.363	37.7163				1993.81303	RS-700	0.277676766
7053	9/4/2019 9:14:12		-122.363	37.7163				1966.70029	RS-700	0.142787512
7054	9/4/2019 9:14:13		-122.363	37.7163				2081.95198	RS-700	0.716179005
7055	9/4/2019 9:14:14		-122.363	37.7163				2061.84571	RS-700	0.616147811
7056	9/4/2019 9:14:15		-122.363	37.7163				2141.42958	RS-700	1.012087463
7057	9/4/2019 9:14:16		-122.363	37.7163				2063.6382	RS-700	0.625065672
7058	9/4/2019 9:14:17		-122.363	37.7163				2163.77578	RS-700	1.123262587
7059	9/4/2019 9:14:18		-122.363	37.7163				2192.34107	RS-700	1.265378458
7060	9/4/2019 9:14:19		-122.363	37.7163				2181.24189	RS-700	1.210158657
7061	9/4/2019 9:14:20		-122.363	37.7163				2189.00357	RS-700	1.24877398
7062	9/4/2019 9:14:21		-122.363	37.7163				2229.68551	RS-700	1.451171692
7063	9/4/2019 9:14:22		-122.363	37.7163				2097.64196	RS-700	0.794238607
7064	9/4/2019 9:14:23		-122.363	37.7163				2034.62554	RS-700	0.48072408
7065	9/4/2019 9:14:24		-122.363	37.7163				1938.88744	RS-700	0.004415124
7066	9/4/2019 9:14:25		-122.363	37.7162				2070.42691	RS-700	0.658840348
7067	9/4/2019 9:14:26		-122.363	37.7162				2174.99539	RS-700	1.179081542
7068	9/4/2019 9:14:27		-122.363	37.7162				2048.14102	RS-700	0.547965274
7069	9/4/2019 9:14:28		-122.363	37.7162				2064.42304	RS-700	0.628970348
7070	9/4/2019 9:14:29		-122.363	37.7162				2003.21197	RS-700	0.324437662
7071	9/4/2019 9:14:30		-122.363	37.7162				2023.03252	RS-700	0.423047363
7072	9/4/2019 9:14:31		-122.363	37.7162				2070.53099	RS-700	0.659358159
7073	9/4/2019 9:14:32		-122.363	37.7162				2072.85245	RS-700	0.670907711
7074	9/4/2019 9:14:33		-122.363	37.7162				2036.61734	RS-700	0.490633532
7075	9/4/2019 9:14:34		-122.363	37.7162				2069.2431	RS-700	0.652950746

Gamma Scan Survey Results
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SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
7076	9/4/2019 9:14:35		-122.363	37.7162				2078.64164	RS-700	0.699709652
7077	9/4/2019 9:14:36		-122.363	37.7162				2046.51873	RS-700	0.539894179
7078	9/4/2019 9:14:37		-122.363	37.7162				2042.92487	RS-700	0.522014279
7079	9/4/2019 9:14:38		-122.363	37.7162				2015.9296	RS-700	0.387709453
7080	9/4/2019 9:14:39		-122.363	37.7162				2022.52039	RS-700	0.420499453
7081	9/4/2019 9:14:40		-122.363	37.7162				2067.14898	RS-700	0.642532239
7082	9/4/2019 9:14:41		-122.363	37.7162				1999.71639	RS-700	0.307046716
7083	9/4/2019 9:14:42		-122.363	37.7162				1994.91	RS-700	0.283134328
7084	9/4/2019 9:14:43		-122.363	37.7162				1938.88877	RS-700	0.004421741
7085	9/4/2019 9:14:44		-122.363	37.7162				2049.83421	RS-700	0.556389104
7086	9/4/2019 9:14:45		-122.363	37.7162				1932.78637	RS-700	-0.025938458
7087	9/4/2019 9:14:46		-122.363	37.7162				1935.78816	RS-700	-0.011004179
7088	9/4/2019 9:14:47		-122.363	37.7162				1933.78546	RS-700	-0.020967861
7089	9/4/2019 9:14:48		-122.363	37.7162				1908.48919	RS-700	-0.14681995
7090	9/4/2019 9:14:49		-122.363	37.7162				1965.40182	RS-700	0.136327463
7091	9/4/2019 9:14:50		-122.363	37.7162				1971.31109	RS-700	0.165726816
7092	9/4/2019 9:14:51		-122.363	37.7162				1917.97228	RS-700	-0.099640398
7093	9/4/2019 9:14:52		-122.363	37.7162				1956.69538	RS-700	0.093011841
7094	9/4/2019 9:14:53		-122.363	37.7162				2027.12342	RS-700	0.4434001
7095	9/4/2019 9:14:54		-122.363	37.7162				1903.88161	RS-700	-0.169743234
7096	9/4/2019 9:14:55		-122.363	37.7162				1866.6687	RS-700	-0.35488209
7097	9/4/2019 9:14:56		-122.363	37.7162				2035.93268	RS-700	0.487227264
7098	9/4/2019 9:14:57		-122.363	37.7162				2015.71754	RS-700	0.386654428
7099	9/4/2019 9:14:58		-122.363	37.7162				1835.65723	RS-700	-0.50916801
7100	9/4/2019 9:14:59		-122.363	37.7162				1693.77298	RS-700	-1.215059801
7101	9/4/2019 9:15:00		-122.363	37.7162				1583.32334	RS-700	-1.764560498
7102	9/4/2019 9:15:01		-122.363	37.7162				1614.33019	RS-700	-1.610297562
7103	9/4/2019 9:15:02		-122.363	37.7162				1574.56959	RS-700	-1.808111493
7104	9/4/2019 9:15:03		-122.363	37.7162				1623.41688	RS-700	-1.565090149
7105	9/4/2019 9:15:04		-122.363	37.7162				1209.24808	RS-700	-3.625631443
7106	9/4/2019 9:15:05		-122.363	37.7162				1130.12018	RS-700	-4.019302587
7107	9/4/2019 9:15:06		-122.363	37.7162				1492.2279	RS-700	-2.217771642
7108	9/4/2019 9:15:07		-122.363	37.7162				1625.41861	RS-700	-1.555131294
7109	9/4/2019 9:15:08		-122.363	37.7161				1967.50313	RS-700	0.146781741
7110	9/4/2019 9:15:09		-122.363	37.7161				2196.09947	RS-700	1.284076965
7111	9/4/2019 9:15:10		-122.363	37.7161				2229.13138	RS-700	1.448414826
7112	9/4/2019 9:15:11		-122.363	37.7161				2117.9754	RS-700	0.8954
7113	9/4/2019 9:15:12		-122.363	37.7161				2238.68068	RS-700	1.495923781
7114	9/4/2019 9:15:13		-122.363	37.7161				2184.41517	RS-700	1.225946119
7115	9/4/2019 9:15:14		-122.363	37.7161				2194.11396	RS-700	1.274198806
7116	9/4/2019 9:15:15		-122.363	37.7161				2092.84772	RS-700	0.770386667
7117	9/4/2019 9:15:16		-122.363	37.7161				2153.65509	RS-700	1.072910896
7118	9/4/2019 9:15:17		-122.363	37.7161				2179.88453	RS-700	1.203405622
7119	9/4/2019 9:15:18		-122.363	37.7161				2052.93762	RS-700	0.571828955
7120	9/4/2019 9:15:19		-122.363	37.7161				2021.9233	RS-700	0.417528856
7121	9/4/2019 9:15:20		-122.363	37.7161				2030.42589	RS-700	0.459830299
7122	9/4/2019 9:15:21		-122.363	37.7161				1947.60528	RS-700	0.047787463
7123	9/4/2019 9:15:22		-122.363	37.7161				1933.99448	RS-700	-0.01992796
7124	9/4/2019 9:15:23		-122.363	37.7161				1936.68669	RS-700	-0.006533881
7125	9/4/2019 9:15:24		-122.363	37.7161				2070.53178	RS-700	0.65936209
7126	9/4/2019 9:15:25		-122.363	37.7161				1972.60412	RS-700	0.172159801
7127	9/4/2019 9:15:26		-122.363	37.7161				1935.60216	RS-700	-0.011929552
7128	9/4/2019 9:15:27		-122.363	37.7161				2041.72165	RS-700	0.516028109
7129	9/4/2019 9:15:28		-122.363	37.7161				2041.52836	RS-700	0.515066468
7130	9/4/2019 9:15:29		-122.363	37.7161				2053.83751	RS-700	0.57630602
7131	9/4/2019 9:15:30		-122.363	37.7161				2115.86181	RS-700	0.884884627
7132	9/4/2019 9:15:31		-122.363	37.7161				2149.08144	RS-700	1.050156418
7133	9/4/2019 9:15:32		-122.363	37.7161				2120.42861	RS-700	0.907605025
7134	9/4/2019 9:15:33		-122.363	37.7161				2139.32927	RS-700	1.001638159
7135	9/4/2019 9:15:34		-122.363	37.7161				2201.75339	RS-700	1.31220592
7136	9/4/2019 9:15:35		-122.363	37.7161				2219.5766	RS-700	1.400878607

Gamma Scan Survey Results
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SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
7137	9/4/2019 9:15:36		-122.363	37.7161				2199.01918	RS-700	1.298602886
7138	9/4/2019 9:15:37		-122.363	37.7161				2106.85474	RS-700	0.840073333
7139	9/4/2019 9:15:38		-122.363	37.7161				2144.13152	RS-700	1.02552995
7140	9/4/2019 9:15:39		-122.363	37.7161				2156.56038	RS-700	1.087365075
7141	9/4/2019 9:15:40		-122.363	37.7161				2192.57955	RS-700	1.266564925
7142	9/4/2019 9:15:41		-122.363	37.7161				2145.10609	RS-700	1.030378557
7143	9/4/2019 9:15:42		-122.363	37.7161				2152.89407	RS-700	1.069124726
7144	9/4/2019 9:15:43		-122.363	37.7161				2197.87952	RS-700	1.292932935
7145	9/4/2019 9:15:44		-122.363	37.7161				2112.545	RS-700	0.868383085
7146	9/4/2019 9:15:45		-122.363	37.7161				2105.42715	RS-700	0.832970896
7147	9/4/2019 9:15:46		-122.363	37.7161				2133.29683	RS-700	0.97162602
7148	9/4/2019 9:15:47		-122.363	37.7161				2123.65124	RS-700	0.92363801
7149	9/4/2019 9:15:48		-122.363	37.7161				2086.85618	RS-700	0.74057801
7150	9/4/2019 9:15:49		-122.363	37.7161				2098.95763	RS-700	0.800784229
7151	9/4/2019 9:15:50		-122.363	37.716				2122.75625	RS-700	0.919185323
7152	9/4/2019 9:15:51		-122.363	37.716				2074.95068	RS-700	0.681346667
7153	9/4/2019 9:15:52		-122.363	37.716				2050.14451	RS-700	0.557932886
7154	9/4/2019 9:15:53		-122.363	37.716				2001.81492	RS-700	0.317487164
7155	9/4/2019 9:15:54		-122.363	37.716				1914.87393	RS-700	-0.115055075
7156	9/4/2019 9:15:55		-122.363	37.716				1990.61204	RS-700	0.261751443
7157	9/4/2019 9:15:56		-122.363	37.716				1986.11268	RS-700	0.239366567
7158	9/4/2019 9:15:57		-122.363	37.716				2063.25143	RS-700	0.623141443
7159	9/4/2019 9:15:58		-122.363	37.716				1980.90351	RS-700	0.213450299
7160	9/4/2019 9:15:59		-122.363	37.716				1908.86566	RS-700	-0.144946965
7161	9/4/2019 9:16:00		-122.363	37.716				2047.42265	RS-700	0.544391294
7162	9/4/2019 9:16:01		-122.363	37.716				2108.27965	RS-700	0.847162438
7163	9/4/2019 9:16:02		-122.363	37.716				2132.20369	RS-700	0.966187512
7164	9/4/2019 9:16:03		-122.363	37.716				2053.62303	RS-700	0.575238955
7165	9/4/2019 9:16:04		-122.363	37.716				2043.03623	RS-700	0.522568308
7166	9/4/2019 9:16:05		-122.363	37.716				1997.50783	RS-700	0.296058856
7167	9/4/2019 9:16:06		-122.363	37.716				2027.92404	RS-700	0.447383284
7168	9/4/2019 9:16:07		-122.363	37.716				2055.62459	RS-700	0.585196965
7169	9/4/2019 9:16:08		-122.363	37.716				2074.53305	RS-700	0.679268905
7170	9/4/2019 9:16:09		-122.363	37.716				2096.97297	RS-700	0.790910299
7171	9/4/2019 9:16:10		-122.363	37.716				2085.5305	RS-700	0.733982587
7172	9/4/2019 9:16:11		-122.363	37.716				2116.07128	RS-700	0.885926766
7173	9/4/2019 9:16:12		-122.363	37.716				2117.3334	RS-700	0.89220597
7174	9/4/2019 9:16:13		-122.363	37.716				2025.62056	RS-700	0.435923184
7175	9/4/2019 9:16:14		-122.363	37.716				2016.62359	RS-700	0.391162139
7176	9/4/2019 9:16:15		-122.363	37.716				1998.83098	RS-700	0.302641692
7177	9/4/2019 9:16:16		-122.363	37.716				2053.83987	RS-700	0.576317761
7178	9/4/2019 9:16:17		-122.363	37.716				2101.17067	RS-700	0.811794378
7179	9/4/2019 9:16:18		-122.363	37.716				2063.3435	RS-700	0.623599502
7180	9/4/2019 9:16:19		-122.363	37.716				2012.81921	RS-700	0.372234876
7181	9/4/2019 9:16:20		-122.363	37.716				2122.85558	RS-700	0.919679502
7182	9/4/2019 9:16:21		-122.363	37.716				2061.94087	RS-700	0.616621244
7183	9/4/2019 9:16:22		-122.363	37.716				2072.74297	RS-700	0.670363035
7184	9/4/2019 9:16:23		-122.363	37.716				2065.1515	RS-700	0.632594527
7185	9/4/2019 9:16:24		-122.363	37.7159				2027.71836	RS-700	0.44636
7186	9/4/2019 9:16:25		-122.363	37.7159				2060.46907	RS-700	0.609298856
7187	9/4/2019 9:16:26		-122.363	37.7159				2017.41604	RS-700	0.395104677
7188	9/4/2019 9:16:27		-122.363	37.7159				2010.80943	RS-700	0.36223597
7189	9/4/2019 9:16:28		-122.363	37.7159				1996.81294	RS-700	0.292601692
7190	9/4/2019 9:16:29		-122.363	37.7159				1944.40145	RS-700	0.03184801
7191	9/4/2019 9:16:30		-122.363	37.7159				1991.11404	RS-700	0.264248955
7192	9/4/2019 9:16:31		-122.363	37.7159				1963.21049	RS-700	0.125425323
7193	9/4/2019 9:16:32		-122.363	37.7159				1969.48685	RS-700	0.156650995
7194	9/4/2019 9:16:33		-122.363	37.7159				1890.48534	RS-700	-0.236391343
7195	9/4/2019 9:16:34		-122.363	37.7159				1897.6817	RS-700	-0.200588557
7196	9/4/2019 9:16:35		-122.363	37.7159				1889.38578	RS-700	-0.241861791
7197	9/4/2019 9:16:36		-122.363	37.7159				1945.39851	RS-700	0.036808507

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SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
7198	9/4/2019 9:16:37		-122.363	37.7159				1890.5905	RS-700	-0.235868159
7199	9/4/2019 9:16:38		-122.363	37.7159				1825.1076	RS-700	-0.561653731
7200	9/4/2019 9:16:39		-122.362	37.7159				1826.83808	RS-700	-0.553044378
7201	9/4/2019 9:16:40		-122.363	37.7159				1805.73587	RS-700	-0.658030498
7202	9/4/2019 9:16:41		-122.363	37.7159				1854.38123	RS-700	-0.416013781
7203	9/4/2019 9:16:42		-122.363	37.7159				1759.54058	RS-700	-0.887857811
7204	9/4/2019 9:16:43		-122.363	37.7159				1831.56445	RS-700	-0.5295301
7205	9/4/2019 9:16:44		-122.362	37.7159				1832.11441	RS-700	-0.52679398
7206	9/4/2019 9:16:45		-122.362	37.7159				1926.24641	RS-700	-0.058475572
7207	9/4/2019 9:16:46		-122.362	37.7159				1967.18347	RS-700	0.145191393
7208	9/4/2019 9:16:47		-122.362	37.7159				1987.82768	RS-700	0.247898905
7209	9/4/2019 9:16:48		-122.362	37.7159				1914.4903	RS-700	-0.116963682
7210	9/4/2019 9:16:49		-122.362	37.7159				1946.086	RS-700	0.040228856
7211	9/4/2019 9:16:50		-122.362	37.7159				1747.53763	RS-700	-0.94757398
7212	9/4/2019 9:16:51		-122.362	37.7159				1779.5456	RS-700	-0.788330348
7213	9/4/2019 9:16:52		-122.362	37.7159				1835.02307	RS-700	-0.512323035
7214	9/4/2019 9:16:53		-122.362	37.7159				1804.73179	RS-700	-0.66302592
7215	9/4/2019 9:16:54		-122.362	37.7159				1853.67239	RS-700	-0.419540348
7216	9/4/2019 9:16:55		-122.362	37.7159				1751.19028	RS-700	-0.929401592
7217	9/4/2019 9:16:56		-122.362	37.7159				1801.82118	RS-700	-0.677506567
7218	9/4/2019 9:16:57		-122.362	37.7159				1731.5347	RS-700	-1.027190547
7219	9/4/2019 9:16:58		-122.362	37.7159				1783.36918	RS-700	-0.769307562
7220	9/4/2019 9:16:59		-122.362	37.7159				1735.87498	RS-700	-1.005597114
7221	9/4/2019 9:17:00		-122.362	37.7159				1787.47337	RS-700	-0.748888706
7222	9/4/2019 9:17:01		-122.362	37.7159				1869.66683	RS-700	-0.33996602
7223	9/4/2019 9:17:02		-122.362	37.7158				2004.11975	RS-700	0.32895398
7224	9/4/2019 9:17:03		-122.362	37.7158				1908.6842	RS-700	-0.145849751
7225	9/4/2019 9:17:04		-122.362	37.7158				2029.72712	RS-700	0.456353831
7226	9/4/2019 9:17:05		-122.362	37.7158				1842.4732	RS-700	-0.475257711
7227	9/4/2019 9:17:06		-122.362	37.7158				1974.9046	RS-700	0.183604975
7228	9/4/2019 9:17:07		-122.362	37.7158				2000.32473	RS-700	0.310073284
7229	9/4/2019 9:17:08		-122.362	37.7158				2027.83885	RS-700	0.446959453
7230	9/4/2019 9:17:09		-122.362	37.7158				2059.83177	RS-700	0.606128209
7231	9/4/2019 9:17:10		-122.362	37.7158				2074.74184	RS-700	0.680307662
7232	9/4/2019 9:17:11		-122.362	37.7158				2058.04296	RS-700	0.597228657
7233	9/4/2019 9:17:12		-122.362	37.7158				2062.52782	RS-700	0.619541393
7234	9/4/2019 9:17:13		-122.362	37.7158				1956.90013	RS-700	0.094030498
7235	9/4/2019 9:17:14		-122.362	37.7158				2085.05911	RS-700	0.731637363
7236	9/4/2019 9:17:15		-122.362	37.7158				2063.32492	RS-700	0.623507065
7237	9/4/2019 9:17:16		-122.362	37.7158				2142.303	RS-700	1.016432836
7238	9/4/2019 9:17:17		-122.362	37.7158				2064.04648	RS-700	0.627096915
7239	9/4/2019 9:17:18		-122.362	37.7158				2061.84054	RS-700	0.61612209
7240	9/4/2019 9:17:19		-122.362	37.7158				2115.75779	RS-700	0.884367114
7241	9/4/2019 9:17:20		-122.362	37.7158				2117.74559	RS-700	0.894256667
7242	9/4/2019 9:17:21		-122.362	37.7158				2088.05906	RS-700	0.746562488
7243	9/4/2019 9:17:22		-122.362	37.7158				2073.15611	RS-700	0.672418458
7244	9/4/2019 9:17:23		-122.362	37.7158				2084.43169	RS-700	0.728515871
7245	9/4/2019 9:17:24		-122.362	37.7158				2013.42247	RS-700	0.375236169
7246	9/4/2019 9:17:25		-122.362	37.7158				1964.90973	RS-700	0.133879254
7247	9/4/2019 9:17:26		-122.362	37.7158				2047.62784	RS-700	0.545412139
7248	9/4/2019 9:17:27		-122.362	37.7158				2038.83084	RS-700	0.50164597
7249	9/4/2019 9:17:28		-122.362	37.7158				1990.40179	RS-700	0.260705423
7250	9/4/2019 9:17:29		-122.362	37.7158				2041.03806	RS-700	0.512627164
7251	9/4/2019 9:17:30		-122.362	37.7158				2013.72071	RS-700	0.37671995
7252	9/4/2019 9:17:31		-122.362	37.7158				2073.47361	RS-700	0.67399806
7253	9/4/2019 9:17:32		-122.362	37.7158				1994.0101	RS-700	0.278657214
7254	9/4/2019 9:17:33		-122.362	37.7157				2032.62471	RS-700	0.470769701
7255	9/4/2019 9:17:34		-122.362	37.7157				1980.70862	RS-700	0.212480697
7256	9/4/2019 9:17:35		-122.362	37.7157				2001.00488	RS-700	0.313457114
7257	9/4/2019 9:17:36		-122.362	37.7157				1952.99344	RS-700	0.074594229
7258	9/4/2019 9:17:37		-122.362	37.7157				1927.59158	RS-700	-0.051783184

Gamma Scan Survey Results
Survey Unit 5 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
7259	9/4/2019 9:17:38		-122.362	37.7157				2041.83501	RS-700	0.51659209
7260	9/4/2019 9:17:39		-122.362	37.7157				2073.94518	RS-700	0.676344179
7261	9/4/2019 9:17:40		-122.362	37.7157				2001.71837	RS-700	0.317006816
7262	9/4/2019 9:17:41		-122.362	37.7157				2167.88612	RS-700	1.14371204
7263	9/4/2019 9:17:42		-122.362	37.7157				2240.36823	RS-700	1.504319552
7264	9/4/2019 9:17:43		-122.362	37.7157				2324.71554	RS-700	1.92395791
7265	9/4/2019 9:17:44		-122.362	37.7157				2320.20745	RS-700	1.901529602
7266	9/4/2019 9:17:45		-122.362	37.7157				2462.12351	RS-700	2.607579652
7267	9/4/2019 9:17:46		-122.362	37.7157				2402.86582	RS-700	2.312765274
7268	9/4/2019 9:17:47		-122.362	37.7157				2415.34798	RS-700	2.374865572
7269	9/4/2019 9:17:48		-122.362	37.7157				2381.48569	RS-700	2.206396468
7270	9/4/2019 9:17:49		-122.362	37.7157				2376.74867	RS-700	2.182829204
7271	9/4/2019 9:17:50		-122.362	37.7157				2311.47767	RS-700	1.858097861
7272	9/4/2019 9:17:51		-122.362	37.7157				2301.94221	RS-700	1.810657761
7273	9/4/2019 9:17:52		-122.362	37.7157				2221.88289	RS-700	1.412352687
7274	9/4/2019 9:17:53		-122.362	37.7157				2184.88954	RS-700	1.228306169
7275	9/4/2019 9:17:54		-122.362	37.7157				2147.66	RS-700	1.043084577
7276	9/4/2019 9:17:55		-122.362	37.7157				2262.92	RS-700	1.616517413
7277	9/4/2019 9:17:56		-122.362	37.7157				2268.82003	RS-700	1.645870796
7278	9/4/2019 9:17:57		-122.362	37.7157				2321.94524	RS-700	1.910175323
7279	9/4/2019 9:17:58		-122.362	37.7157				2436.37443	RS-700	2.479474776
7280	9/4/2019 9:17:59		-122.362	37.7157				2476.77596	RS-700	2.680477413
7281	9/4/2019 9:18:00		-122.362	37.7156				2350.8318	RS-700	2.053889552
7282	9/4/2019 9:18:01		-122.362	37.7156				2291.28256	RS-700	1.757624677
7283	9/4/2019 9:18:02		-122.362	37.7156				2422.62554	RS-700	2.411072338
7284	9/4/2019 9:18:03		-122.362	37.7156				2406.73537	RS-700	2.332016766
7285	9/4/2019 9:18:04		-122.362	37.7156				2436.27763	RS-700	2.478993184
7286	9/4/2019 9:18:05		-122.362	37.7156				2483.79524	RS-700	2.715399204
7287	9/4/2019 9:18:06		-122.362	37.7156				2312.06521	RS-700	1.861020945
7288	9/4/2019 9:18:07		-122.362	37.7156				2227.78512	RS-700	1.441717015
7289	9/4/2019 9:18:08		-122.362	37.7156				2143.44267	RS-700	1.022102836
7290	9/4/2019 9:18:09		-122.362	37.7156				2188.99487	RS-700	1.248730697
7291	9/4/2019 9:18:10		-122.362	37.7156				2135.56305	RS-700	0.982900746
7292	9/4/2019 9:18:11		-122.362	37.7156				2200.6591	RS-700	1.306761692
7293	9/4/2019 9:18:12		-122.362	37.7156				2129.9766	RS-700	0.955107463
7294	9/4/2019 9:18:13		-122.362	37.7156				2149.86723	RS-700	1.054065821
7295	9/4/2019 9:18:14		-122.362	37.7156				2101.6342	RS-700	0.814100498
7296	9/4/2019 9:18:15		-122.362	37.7156				2102.42788	RS-700	0.818049154
7297	9/4/2019 9:18:16		-122.362	37.7156				2066.06139	RS-700	0.637121343
7298	9/4/2019 9:18:17		-122.362	37.7156				2032.83147	RS-700	0.471798358
7299	9/4/2019 9:18:18		-122.362	37.7156				1933.3071	RS-700	-0.023347761
7300	9/4/2019 9:18:19		-122.362	37.7156				2001.21065	RS-700	0.314480846
7301	9/4/2019 9:18:20		-122.362	37.7156				1877.84801	RS-700	-0.299263632
7302	9/4/2019 9:18:21		-122.362	37.7156				1987.71164	RS-700	0.247321592
7303	9/4/2019 9:18:22		-122.362	37.7156				1895.294	RS-700	-0.212467662
7304	9/4/2019 9:18:23		-122.362	37.7156				1858.57169	RS-700	-0.395165721
7305	9/4/2019 9:18:24		-122.362	37.7156				1940.30389	RS-700	0.011462139
7306	9/4/2019 9:18:25		-122.362	37.7156				1923.98834	RS-700	-0.069709751
7307	9/4/2019 9:18:26		-122.362	37.7156				1956.59958	RS-700	0.092535224
7308	9/4/2019 9:18:27		-122.362	37.7156				1898.76335	RS-700	-0.195207214
7309	9/4/2019 9:18:28		-122.362	37.7156				1915.40051	RS-700	-0.112435274
7310	9/4/2019 9:18:29		-122.362	37.7156				1961.90249	RS-700	0.118917861
7311	9/4/2019 9:18:30		-122.362	37.7156				1867.84556	RS-700	-0.349027065
7312	9/4/2019 9:18:31		-122.362	37.7156				1889.7793	RS-700	-0.23990398
7313	9/4/2019 9:18:32		-122.362	37.7156				1846.74397	RS-700	-0.4540101
7314	9/4/2019 9:18:33		-122.362	37.7156				1892.67319	RS-700	-0.225506517
7315	9/4/2019 9:18:34		-122.362	37.7156				1835.56456	RS-700	-0.509629055
7316	9/4/2019 9:18:35		-122.362	37.7156				1532.23881	RS-700	-2.018712388
7317	9/4/2019 9:18:36		-122.362	37.7156				1528.47282	RS-700	-2.037448657
7318	9/4/2019 9:18:37		-122.362	37.7156				1653.258	RS-700	-1.416626866
7319	9/4/2019 9:18:38		-122.362	37.7156				1835.84028	RS-700	-0.508257313

Gamma Scan Survey Results
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SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
7320	9/4/2019 9:18:39		-122.362	37.7156				1777.72254	RS-700	-0.797400299
7321	9/4/2019 9:18:40		-122.362	37.7156				1901.37739	RS-700	-0.18220204
7322	9/4/2019 9:18:41		-122.362	37.7156				1942.7862	RS-700	0.02381194
7323	9/4/2019 9:18:42		-122.362	37.7156				1991.80893	RS-700	0.267706119
7324	9/4/2019 9:18:43		-122.362	37.7156				1926.49637	RS-700	-0.05723199
7325	9/4/2019 9:18:44		-122.362	37.7156				2035.13529	RS-700	0.483260149
7326	9/4/2019 9:18:45		-122.362	37.7156				2032.83489	RS-700	0.471815373
7327	9/4/2019 9:18:46		-122.362	37.7155				1924.48521	RS-700	-0.067237761
7328	9/4/2019 9:18:47		-122.362	37.7155				1975.51068	RS-700	0.186620299
7329	9/4/2019 9:18:48		-122.362	37.7155				1954.18718	RS-700	0.080533234
7330	9/4/2019 9:18:49		-122.362	37.7155				1876.3877	RS-700	-0.306528856
7331	9/4/2019 9:18:50		-122.362	37.7155				2031.23988	RS-700	0.46388
7332	9/4/2019 9:18:51		-122.362	37.7155				1977.5132	RS-700	0.196583085
7333	9/4/2019 9:18:52		-122.362	37.7155				1957.31062	RS-700	0.096072736
7334	9/4/2019 9:18:53		-122.362	37.7155				2026.02347	RS-700	0.437927711
7335	9/4/2019 9:18:54		-122.362	37.7155				2001.01407	RS-700	0.313502836
7336	9/4/2019 9:18:55		-122.362	37.7155				1989.7108	RS-700	0.257267662
7337	9/4/2019 9:18:56		-122.362	37.7155				1872.85716	RS-700	-0.324093731
7338	9/4/2019 9:18:57		-122.362	37.7155				2004.82781	RS-700	0.332476667
7339	9/4/2019 9:18:58		-122.362	37.7155				1910.0632	RS-700	-0.138989055
7340	9/4/2019 9:18:59		-122.362	37.7155				2027.73058	RS-700	0.446420796
7341	9/4/2019 9:19:00		-122.362	37.7155				1970.71532	RS-700	0.162762786
7342	9/4/2019 9:19:01		-122.362	37.7155				2083.16471	RS-700	0.722212488
7343	9/4/2019 9:19:02		-122.362	37.7155				2062.94393	RS-700	0.621611592
7344	9/4/2019 9:19:03		-122.362	37.7155				2055.26162	RS-700	0.583391144
7345	9/4/2019 9:19:04		-122.362	37.7155				1998.30803	RS-700	0.30003995
7346	9/4/2019 9:19:05		-122.362	37.7155				1977.60627	RS-700	0.197046119
7347	9/4/2019 9:19:06		-122.362	37.7155				2039.83356	RS-700	0.506634627
7348	9/4/2019 9:19:07		-122.362	37.7155				1997.9072	RS-700	0.298045771
7349	9/4/2019 9:19:08		-122.362	37.7155				1992.81275	RS-700	0.272700249
7350	9/4/2019 9:19:09		-122.362	37.7155				1885.67932	RS-700	-0.260301891
7351	9/4/2019 9:19:10		-122.362	37.7155				1979.81706	RS-700	0.208045075
7352	9/4/2019 9:19:11		-122.362	37.7155				1996.8138	RS-700	0.29260597
7353	9/4/2019 9:19:12		-122.362	37.7155				1899.78973	RS-700	-0.190100846
7354	9/4/2019 9:19:13		-122.362	37.7155				1944.69685	RS-700	0.033317662
7355	9/4/2019 9:19:14		-122.362	37.7155				1935.59484	RS-700	-0.01196597
7356	9/4/2019 9:19:15		-122.362	37.7154				1884.38937	RS-700	-0.266719552
7357	9/4/2019 9:19:16		-122.362	37.7154				1896.68156	RS-700	-0.205564378
7358	9/4/2019 9:19:17		-122.362	37.7154				1845.56399	RS-700	-0.459880647
7359	9/4/2019 9:19:18		-122.362	37.7154				1919.68382	RS-700	-0.091125274
7360	9/4/2019 9:19:19		-122.362	37.7154				1943.99823	RS-700	0.02984194
7361	9/4/2019 9:19:20		-122.362	37.7154				1890.48936	RS-700	-0.236371343
7362	9/4/2019 9:19:21		-122.362	37.7154				1943.69136	RS-700	0.028315224
7363	9/4/2019 9:19:22		-122.362	37.7154				1993.90723	RS-700	0.278145423
7364	9/4/2019 9:19:23		-122.362	37.7154				1926.69041	RS-700	-0.056266617
7365	9/4/2019 9:19:24		-122.362	37.7154				1850.02352	RS-700	-0.43769393
7366	9/4/2019 9:19:25		-122.362	37.7154				1929.6011	RS-700	-0.041785572
7367	9/4/2019 9:19:26		-122.362	37.7154				1914.49255	RS-700	-0.116952488
7368	9/4/2019 9:19:27		-122.362	37.7154				1846.56804	RS-700	-0.454885373
7369	9/4/2019 9:19:28		-122.362	37.7154				1854.03346	RS-700	-0.41774398
7370	9/4/2019 9:19:29		-122.362	37.7154				1865.57288	RS-700	-0.36033393
7371	9/4/2019 9:19:30		-122.362	37.7154				1778.25986	RS-700	-0.794727065
7372	9/4/2019 9:19:31		-122.362	37.7154				1854.56909	RS-700	-0.415079154
7373	9/4/2019 9:19:32		-122.362	37.7154				1838.65822	RS-700	-0.494237711
7374	9/4/2019 9:19:33		-122.362	37.7154				1848.56473	RS-700	-0.444951592
7375	9/4/2019 9:19:34		-122.362	37.7154				1900.58463	RS-700	-0.186146119
7376	9/4/2019 9:19:35		-122.362	37.7154				1941.79211	RS-700	0.018866219
7377	9/4/2019 9:19:36		-122.362	37.7154				1915.48494	RS-700	-0.112015224
7378	9/4/2019 9:19:37		-122.362	37.7154				1910.8797	RS-700	-0.134926866
7379	9/4/2019 9:19:38		-122.362	37.7154				1932.78881	RS-700	-0.025926318
7380	9/4/2019 9:19:39		-122.362	37.7154				1946.30304	RS-700	0.041308657

Gamma Scan Survey Results
Survey Unit 5 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
7381	9/4/2019 9:19:40		-122.362	37.7154				1878.86343	RS-700	-0.294211791
7382	9/4/2019 9:19:41		-122.362	37.7154				1772.62456	RS-700	-0.822763383
7383	9/4/2019 9:19:42		-122.362	37.7154				1879.67067	RS-700	-0.290195672
7384	9/4/2019 9:19:43		-122.362	37.7154				1858.66448	RS-700	-0.39470408
7385	9/4/2019 9:19:44		-122.362	37.7154				1778.34015	RS-700	-0.794327612
7386	9/4/2019 9:19:45		-122.362	37.7154				1833.4683	RS-700	-0.520058209
7387	9/4/2019 9:19:46		-122.362	37.7153				1801.83022	RS-700	-0.677461592
7388	9/4/2019 9:19:47		-122.362	37.7153				1820.36816	RS-700	-0.585233035
7389	9/4/2019 9:19:48		-122.362	37.7153				1791.46611	RS-700	-0.729024328
7390	9/4/2019 9:19:49		-122.362	37.7153				1797.4627	RS-700	-0.699190547
7391	9/4/2019 9:19:50		-122.362	37.7153				1813.37402	RS-700	-0.620029751
7392	9/4/2019 9:19:51		-122.362	37.7153				1884.10698	RS-700	-0.268124478
7393	9/4/2019 9:19:52		-122.361	37.7153				1830.11063	RS-700	-0.536763035
7394	9/4/2019 9:19:53		-122.361	37.7153				1872.38892	RS-700	-0.326423284
7395	9/4/2019 9:19:54		-122.361	37.7153				1824.92079	RS-700	-0.562583134
7396	9/4/2019 9:19:55		-122.361	37.7153				1810.91495	RS-700	-0.63226393
7397	9/4/2019 9:19:56		-122.361	37.7153				1799.29525	RS-700	-0.690073383
7398	9/4/2019 9:19:57		-122.361	37.7153				1929.59286	RS-700	-0.041826567
7399	9/4/2019 9:19:58		-122.361	37.7153				1880.48966	RS-700	-0.286121095
7400	9/4/2019 9:19:59		-122.361	37.7153				1778.81019	RS-700	-0.791989104
7401	9/4/2019 9:20:00		-122.361	37.7153				1790.73071	RS-700	-0.732683035
7402	9/4/2019 9:20:01		-122.361	37.7153				1775.98899	RS-700	-0.806024925
7403	9/4/2019 9:20:02		-122.361	37.7153				1882.77022	RS-700	-0.274775025
7404	9/4/2019 9:20:03		-122.361	37.7153				1797.80977	RS-700	-0.697463831
7405	9/4/2019 9:20:04		-122.361	37.7153				1730.35912	RS-700	-1.033039204
7406	9/4/2019 9:20:05		-122.361	37.7153				1840.56342	RS-700	-0.484759104
7407	9/4/2019 9:20:06		-122.361	37.7153				1853.66825	RS-700	-0.419560945
7408	9/4/2019 9:20:07		-122.361	37.7153				1804.28193	RS-700	-0.66526403
7409	9/4/2019 9:20:08		-122.361	37.7153				1954.79639	RS-700	0.083564129
7410	9/4/2019 9:20:09		-122.361	37.7153				1804.55783	RS-700	-0.663891393
7411	9/4/2019 9:20:10		-122.361	37.7153				1750.89372	RS-700	-0.930877015
7412	9/4/2019 9:20:11		-122.361	37.7153				1821.2856	RS-700	-0.580668657
7413	9/4/2019 9:20:12		-122.361	37.7153				1714.61033	RS-700	-1.111391393
7414	9/4/2019 9:20:13		-122.361	37.7152				1740.80087	RS-700	-0.981090199
7415	9/4/2019 9:20:14		-122.361	37.7152				1735.35911	RS-700	-1.008163632
7416	9/4/2019 9:20:15		-122.361	37.7152				1760.71702	RS-700	-0.882004876
7417	9/4/2019 9:20:16		-122.361	37.7152				1721.69186	RS-700	-1.076159901
7418	9/4/2019 9:20:17		-122.361	37.7152				1702.52812	RS-700	-1.171501891
7419	9/4/2019 9:20:18		-122.361	37.7152				1811.38588	RS-700	-0.629920995
7420	9/4/2019 9:20:19		-122.361	37.7152				1793.55133	RS-700	-0.7186501
7421	9/4/2019 9:20:20		-122.361	37.7152				1779.28181	RS-700	-0.789642736
7422	9/4/2019 9:20:21		-122.361	37.7152				1733.98312	RS-700	-1.015009353
7423	9/4/2019 9:20:22		-122.361	37.7152				1759.37042	RS-700	-0.888704378
7424	9/4/2019 9:20:23		-122.361	37.7152				1834.28615	RS-700	-0.515989303
7425	9/4/2019 9:20:24		-122.361	37.7152				1846.65999	RS-700	-0.45442791
7426	9/4/2019 9:20:25		-122.361	37.7152				1855.38398	RS-700	-0.411024975
7427	9/4/2019 9:20:26		-122.361	37.7152				1925.07506	RS-700	-0.064303184
7428	9/4/2019 9:20:27		-122.361	37.7152				1886.67688	RS-700	-0.255338905
7429	9/4/2019 9:20:28		-122.361	37.7152				1845.74324	RS-700	-0.458988856
7430	9/4/2019 9:20:29		-122.361	37.7152				1885.85711	RS-700	-0.259417363
7431	9/4/2019 9:20:30		-122.361	37.7152				1831.28963	RS-700	-0.530897363
7432	9/4/2019 9:20:31		-122.361	37.7152				1776.45905	RS-700	-0.803686318
7433	9/4/2019 9:20:32		-122.361	37.7152				1885.94542	RS-700	-0.25897801
7434	9/4/2019 9:20:33		-122.361	37.7152				1913.59372	RS-700	-0.121424279
7435	9/4/2019 9:20:34		-122.361	37.7152				1899.5793	RS-700	-0.191147761
7436	9/4/2019 9:20:35		-122.361	37.7152				1888.57446	RS-700	-0.245898209
7437	9/4/2019 9:20:36		-122.361	37.7152				1970.70768	RS-700	0.162724776
7438	9/4/2019 9:20:37		-122.361	37.7152				1996.91422	RS-700	0.293105572
7439	9/4/2019 9:20:38		-122.361	37.7152				2023.6227	RS-700	0.425983582
7440	9/4/2019 9:20:39		-122.361	37.7152				1991.51361	RS-700	0.266236866
7441	9/4/2019 9:20:40		-122.361	37.7152				1954.89172	RS-700	0.084038408

Gamma Scan Survey Results
Survey Unit 5 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
7442	9/4/2019 9:20:41		-122.361	37.7152				1931.5957	RS-700	-0.031862189
7443	9/4/2019 9:20:42		-122.361	37.7152				1946.98058	RS-700	0.044679502
7444	9/4/2019 9:20:43		-122.361	37.7151				1899.48389	RS-700	-0.191622438
7445	9/4/2019 9:20:44		-122.361	37.7151				1927.97406	RS-700	-0.049880299
7446	9/4/2019 9:20:45		-122.361	37.7151				1944.08387	RS-700	0.03026801
7447	9/4/2019 9:20:46		-122.361	37.7151				1973.50352	RS-700	0.176634428
7448	9/4/2019 9:20:47		-122.361	37.7151				1876.48824	RS-700	-0.306028657
7449	9/4/2019 9:20:48		-122.361	37.7151				1977.70329	RS-700	0.197528806
7450	9/4/2019 9:20:49		-122.361	37.7151				1930.88405	RS-700	-0.035402736
7451	9/4/2019 9:20:50		-122.361	37.7151				1864.47603	RS-700	-0.365790896
7452	9/4/2019 9:20:51		-122.361	37.7151				1872.75909	RS-700	-0.324581642
7453	9/4/2019 9:20:52		-122.361	37.7151				2006.9243	RS-700	0.342906965
7454	9/4/2019 9:20:53		-122.361	37.7151				1883.57812	RS-700	-0.270755622
7455	9/4/2019 9:20:54		-122.361	37.7151				1939.98632	RS-700	0.009882189
7456	9/4/2019 9:20:55		-122.361	37.7151				1975.10464	RS-700	0.184600199
7457	9/4/2019 9:20:56		-122.361	37.7151				1890.77016	RS-700	-0.234974328
7458	9/4/2019 9:20:57		-122.361	37.7151				1827.65293	RS-700	-0.548990398
7459	9/4/2019 9:20:58		-122.361	37.7151				1818.83821	RS-700	-0.592844726
7460	9/4/2019 9:20:59		-122.361	37.7151				1982.51286	RS-700	0.221457015
7461	9/4/2019 9:21:00		-122.361	37.7151				1915.86568	RS-700	-0.110120995
7462	9/4/2019 9:21:01		-122.361	37.7151				1878.57781	RS-700	-0.295632786
7463	9/4/2019 9:21:02		-122.361	37.7151				1885.20035	RS-700	-0.262684826
7464	9/4/2019 9:21:03		-122.361	37.7151				1728.62243	RS-700	-1.041679453
7465	9/4/2019 9:21:04		-122.361	37.7151				1932.78771	RS-700	-0.025931791
7466	9/4/2019 9:21:05		-122.361	37.7151				1899.68287	RS-700	-0.190632488
7467	9/4/2019 9:21:06		-122.361	37.7151				1863.47625	RS-700	-0.370764925
7468	9/4/2019 9:21:07		-122.361	37.7151				1892.48484	RS-700	-0.226443582
7469	9/4/2019 9:21:08		-122.361	37.7151				1868.01861	RS-700	-0.348166119
7470	9/4/2019 9:21:09		-122.361	37.7151				1919.49035	RS-700	-0.092087811
7471	9/4/2019 9:21:10		-122.361	37.7151				1891.69369	RS-700	-0.230379652
7472	9/4/2019 9:21:11		-122.361	37.7151				1778.72457	RS-700	-0.792415075
7473	9/4/2019 9:21:12		-122.361	37.7151				1897.67138	RS-700	-0.2006399
7474	9/4/2019 9:21:13		-122.361	37.7151				1859.3837	RS-700	-0.391125871
7475	9/4/2019 9:21:14		-122.361	37.7151				1981.01251	RS-700	0.213992587
7476	9/4/2019 9:21:15		-122.361	37.715				1915.59694	RS-700	-0.11145801
7477	9/4/2019 9:21:16		-122.361	37.715				1907.19873	RS-700	-0.153240149
7478	9/4/2019 9:21:17		-122.361	37.715				1907.59188	RS-700	-0.151284179
7479	9/4/2019 9:21:18		-122.361	37.715				1848.56944	RS-700	-0.444928159
7480	9/4/2019 9:21:19		-122.361	37.715				1846.02854	RS-700	-0.457569453
7481	9/4/2019 9:21:20		-122.361	37.715				1866.67674	RS-700	-0.35484209
7482	9/4/2019 9:21:21		-122.361	37.715				1816.56206	RS-700	-0.604168856
7483	9/4/2019 9:21:22		-122.361	37.715				1826.0135	RS-700	-0.557146766
7484	9/4/2019 9:21:23		-122.361	37.715				1699.86192	RS-700	-1.184766567
7485	9/4/2019 9:21:24		-122.361	37.715				1818.56612	RS-700	-0.594198408
7486	9/4/2019 9:21:25		-122.361	37.715				1729.80545	RS-700	-1.035793781
7487	9/4/2019 9:21:26		-122.361	37.715				1704.26721	RS-700	-1.162849701
7488	9/4/2019 9:21:27		-122.361	37.715				1329.61267	RS-700	-3.026802637
7489	9/4/2019 9:21:28		-122.361	37.715				1059.06141	RS-700	-4.372828806
7490	9/4/2019 9:21:29		-122.361	37.715				1193.12682	RS-700	-3.705836716
7491	9/4/2019 9:21:30		-122.361	37.715				1749.97804	RS-700	-0.935432637
7492	9/4/2019 9:21:31		-122.361	37.715				1932.60205	RS-700	-0.026855473
7493	9/4/2019 9:21:32		-122.361	37.715				1938.49854	RS-700	0.002480299
7494	9/4/2019 9:21:33		-122.361	37.715				1816.46849	RS-700	-0.604634378
7495	9/4/2019 9:21:34		-122.361	37.715				1888.96222	RS-700	-0.243969055
7496	9/4/2019 9:21:35		-122.361	37.715				1879.04668	RS-700	-0.2933001
7497	9/4/2019 9:21:36		-122.361	37.715				1916.16326	RS-700	-0.108640498
7498	9/4/2019 9:21:37		-122.361	37.715				1936.10812	RS-700	-0.009412338
7499	9/4/2019 9:21:38		-122.361	37.715				1920.69087	RS-700	-0.086115075
7500	9/4/2019 9:21:39		-122.361	37.715				1829.74556	RS-700	-0.538579303
7501	9/4/2019 9:21:40		-122.361	37.715				1833.2948	RS-700	-0.520921393
7502	9/4/2019 9:21:41		-122.361	37.715				1779.53868	RS-700	-0.788364776

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Survey Unit 5 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
7503	9/4/2019 9:21:42		-122.361	37.715				1852.38981	RS-700	-0.425921343
7504	9/4/2019 9:21:43		-122.361	37.7149				1901.15476	RS-700	-0.183309652
7505	9/4/2019 9:21:44		-122.361	37.7149				1918.86532	RS-700	-0.095197413
7506	9/4/2019 9:21:45		-122.361	37.7149				1936.59903	RS-700	-0.00697
7507	9/4/2019 9:21:46		-122.361	37.7149				2012.51685	RS-700	0.370730597
7508	9/4/2019 9:21:47		-122.361	37.7149				1992.1132	RS-700	0.2692199
7509	9/4/2019 9:21:48		-122.361	37.7149				1955.60223	RS-700	0.087573284
7510	9/4/2019 9:21:49		-122.361	37.7149				1922.58298	RS-700	-0.076701592
7511	9/4/2019 9:21:50		-122.361	37.7149				2025.92835	RS-700	0.437454478
7512	9/4/2019 9:21:51		-122.361	37.7149				1973.98839	RS-700	0.179046716
7513	9/4/2019 9:21:52		-122.361	37.7149				1959.89661	RS-700	0.108938358
7514	9/4/2019 9:21:53		-122.361	37.7149				2046.52503	RS-700	0.539925522
7515	9/4/2019 9:21:54		-122.361	37.7149				1891.37782	RS-700	-0.231951144
7516	9/4/2019 9:21:55		-122.361	37.7149				1952.89345	RS-700	0.074096766
7517	9/4/2019 9:21:56		-122.361	37.7149				2076.85574	RS-700	0.690824577
7518	9/4/2019 9:21:57		-122.361	37.7149				2111.22552	RS-700	0.861818507
7519	9/4/2019 9:21:58		-122.361	37.7149				2068.94028	RS-700	0.651444179
7520	9/4/2019 9:21:59		-122.361	37.7149				2005.41479	RS-700	0.335396965
7521	9/4/2019 9:22:00		-122.361	37.7149				1889.58061	RS-700	-0.240892488
7522	9/4/2019 9:22:01		-122.361	37.7149				1994.40963	RS-700	0.280644925
7523	9/4/2019 9:22:02		-122.361	37.7149				2005.61816	RS-700	0.336408756
7524	9/4/2019 9:22:03		-122.361	37.7149				2075.95027	RS-700	0.686319751
7525	9/4/2019 9:22:04		-122.361	37.7149				1935.88178	RS-700	-0.010538408
7526	9/4/2019 9:22:05		-122.361	37.7149				2043.94308	RS-700	0.52708
7527	9/4/2019 9:22:06		-122.361	37.7149				2064.00429	RS-700	0.626887015
7528	9/4/2019 9:22:07		-122.361	37.7149				1972.90892	RS-700	0.173676219
7529	9/4/2019 9:22:08		-122.361	37.7149				1988.61173	RS-700	0.251799652
7530	9/4/2019 9:22:09		-122.361	37.7149				1972.70485	RS-700	0.172660945
7531	9/4/2019 9:22:10		-122.361	37.7149				1910.58921	RS-700	-0.13637209
7532	9/4/2019 9:22:11		-122.361	37.7149				1937.48519	RS-700	-0.002561244
7533	9/4/2019 9:22:12		-122.361	37.7148				2067.63113	RS-700	0.644930995
7534	9/4/2019 9:22:13		-122.361	37.7148				1992.41444	RS-700	0.270718607
7535	9/4/2019 9:22:14		-122.361	37.7148				2041.9329	RS-700	0.517079104
7536	9/4/2019 9:22:15		-122.361	37.7148				2005.11948	RS-700	0.333927761
7537	9/4/2019 9:22:16		-122.361	37.7148				1893.49654	RS-700	-0.221410249
7538	9/4/2019 9:22:17		-122.361	37.7148				1839.38102	RS-700	-0.490641692
7539	9/4/2019 9:22:18		-122.361	37.7148				1951.3072	RS-700	0.066204975
7540	9/4/2019 9:22:19		-122.361	37.7148				1915.59762	RS-700	-0.111454627
7541	9/4/2019 9:22:20		-122.361	37.7148				1933.17471	RS-700	-0.024006418
7542	9/4/2019 9:22:21		-122.361	37.7148				1915.48203	RS-700	-0.112029701
7543	9/4/2019 9:22:22		-122.361	37.7148				1828.01838	RS-700	-0.547172239
7544	9/4/2019 9:22:23		-122.361	37.7148				1784.46093	RS-700	-0.76387597
7545	9/4/2019 9:22:24		-122.361	37.7148				1912.78475	RS-700	-0.125449005
7546	9/4/2019 9:22:25		-122.361	37.7148				1892.39218	RS-700	-0.226904577
7547	9/4/2019 9:22:26		-122.361	37.7148				1820.55881	RS-700	-0.584284527
7548	9/4/2019 9:22:27		-122.361	37.7148				1866.49032	RS-700	-0.355769552
7549	9/4/2019 9:22:28		-122.361	37.7148				1889.76096	RS-700	-0.239995224
7550	9/4/2019 9:22:29		-122.361	37.7148				1998.61596	RS-700	0.30157194
7551	9/4/2019 9:22:30		-122.361	37.7148				1905.68149	RS-700	-0.160788607
7552	9/4/2019 9:22:31		-122.361	37.7148				1940.88716	RS-700	0.01436398
7553	9/4/2019 9:22:32		-122.361	37.7148				1982.6111	RS-700	0.221945771
7554	9/4/2019 9:22:33		-122.361	37.7148				1910.87252	RS-700	-0.134962587
7555	9/4/2019 9:22:34		-122.361	37.7148				1847.94076	RS-700	-0.44805592
7556	9/4/2019 9:22:35		-122.361	37.7148				1885.86224	RS-700	-0.259391841
7557	9/4/2019 9:22:36		-122.361	37.7148				1894.15075	RS-700	-0.218155473
7558	9/4/2019 9:22:37		-122.361	37.7148				1976.30901	RS-700	0.19059209
7559	9/4/2019 9:22:38		-122.361	37.7148				1939.69463	RS-700	0.008430995
7560	9/4/2019 9:22:39		-122.361	37.7148				1984.79841	RS-700	0.23282791
7561	9/4/2019 9:22:40		-122.361	37.7148				1958.40491	RS-700	0.101516965
7562	9/4/2019 9:22:41		-122.361	37.7148				1915.97748	RS-700	-0.109564776
7563	9/4/2019 9:22:42		-122.361	37.7148				1937.49962	RS-700	-0.002489453

Gamma Scan Survey Results
Survey Unit 5 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
7564	9/4/2019 9:22:43		-122.361	37.7148				1984.51191	RS-700	0.231402537
7565	9/4/2019 9:22:44		-122.361	37.7148				1978.81862	RS-700	0.203077711
7566	9/4/2019 9:22:45		-122.361	37.7148				1946.79279	RS-700	0.043745224
7567	9/4/2019 9:22:46		-122.36	37.7147				1933.89046	RS-700	-0.020445473
7568	9/4/2019 9:22:47		-122.36	37.7147				1928.50188	RS-700	-0.047254328
7569	9/4/2019 9:22:48		-122.36	37.7147				1875.76652	RS-700	-0.309619303
7570	9/4/2019 9:22:49		-122.36	37.7147				1897.58497	RS-700	-0.201069801
7571	9/4/2019 9:22:50		-122.36	37.7147				1971.70576	RS-700	0.167690348
7572	9/4/2019 9:22:51		-122.36	37.7147				1918.30298	RS-700	-0.097995124
7573	9/4/2019 9:22:52		-122.36	37.7147				1789.81361	RS-700	-0.737245721
7574	9/4/2019 9:22:53		-122.36	37.7147				1906.48886	RS-700	-0.156771841
7575	9/4/2019 9:22:54		-122.36	37.7147				1831.57238	RS-700	-0.529490647
7576	9/4/2019 9:22:55		-122.36	37.7147				1807.0767	RS-700	-0.651359701
7577	9/4/2019 9:22:56		-122.36	37.7147				1873.32925	RS-700	-0.321745025
7578	9/4/2019 9:22:57		-122.36	37.7147				1877.57141	RS-700	-0.300639751
7579	9/4/2019 9:22:58		-122.36	37.7147				1852.57113	RS-700	-0.425019254
7580	9/4/2019 9:22:59		-122.36	37.7147				1894.57888	RS-700	-0.216025473
7581	9/4/2019 9:23:00		-122.36	37.7147				1922.2673	RS-700	-0.078272139
7582	9/4/2019 9:23:01		-122.36	37.7147				1940.89116	RS-700	0.014383881
7583	9/4/2019 9:23:02		-122.36	37.7147				1905.49338	RS-700	-0.161724478
7584	9/4/2019 9:23:03		-122.36	37.7147				1999.41407	RS-700	0.305542637
7585	9/4/2019 9:23:04		-122.36	37.7147				1817.55517	RS-700	-0.59922801
7586	9/4/2019 9:23:05		-122.36	37.7147				1843.38104	RS-700	-0.470741095
7587	9/4/2019 9:23:06		-122.36	37.7147				1712.09665	RS-700	-1.123897264
7588	9/4/2019 9:23:07		-122.36	37.7147				1845.47269	RS-700	-0.460334876
7589	9/4/2019 9:23:08		-122.36	37.7147				1849.37957	RS-700	-0.440897662
7590	9/4/2019 9:23:09		-122.36	37.7147				1922.68594	RS-700	-0.076189353
7591	9/4/2019 9:23:10		-122.36	37.7147				1988.50892	RS-700	0.251288159
7592	9/4/2019 9:23:11		-122.36	37.7147				1929.88297	RS-700	-0.040383234
7593	9/4/2019 9:23:12		-122.36	37.7146				1988.0084	RS-700	0.24879801
7594	9/4/2019 9:23:13		-122.36	37.7146				1920.7774	RS-700	-0.085684577
7595	9/4/2019 9:23:14		-122.36	37.7146				1856.75737	RS-700	-0.404192189
7596	9/4/2019 9:23:15		-122.36	37.7146				1886.58093	RS-700	-0.255816269
7597	9/4/2019 9:23:16		-122.36	37.7146				1903.58555	RS-700	-0.171216169
7598	9/4/2019 9:23:17		-122.36	37.7146				1901.58319	RS-700	-0.181178159
7599	9/4/2019 9:23:18		-122.36	37.7146				1845.56599	RS-700	-0.459870697
7600	9/4/2019 9:23:19		-122.36	37.7146				1823.01237	RS-700	-0.572077761
7601	9/4/2019 9:23:20		-122.36	37.7146				1829.7451	RS-700	-0.538581592
7602	9/4/2019 9:23:21		-122.36	37.7146				1812.74873	RS-700	-0.623140647
7603	9/4/2019 9:23:22		-122.36	37.7146				1818.83566	RS-700	-0.592857413
7604	9/4/2019 9:23:23		-122.36	37.7146				1710.71022	RS-700	-1.130794925
7605	9/4/2019 9:23:24		-122.36	37.7146				1786.8269	RS-700	-0.752104975
7606	9/4/2019 9:23:25		-122.36	37.7146				1727.43625	RS-700	-1.047580846
7607	9/4/2019 9:23:26		-122.36	37.7146				1735.88091	RS-700	-1.005567612
7608	9/4/2019 9:23:27		-122.36	37.7146				1819.56471	RS-700	-0.589230299
7609	9/4/2019 9:23:28		-122.36	37.7146				1783.64544	RS-700	-0.767933134
7610	9/4/2019 9:23:29		-122.36	37.7146				1819.5679	RS-700	-0.589214428
7611	9/4/2019 9:23:30		-122.36	37.7146				1890.39524	RS-700	-0.236839602
7612	9/4/2019 9:23:31		-122.36	37.7146				1848.74626	RS-700	-0.444048458
7613	9/4/2019 9:23:32		-122.36	37.7146				1832.93543	RS-700	-0.522709303
7614	9/4/2019 9:23:33		-122.36	37.7146				1829.84096	RS-700	-0.538104677
7615	9/4/2019 9:23:34		-122.36	37.7146				1925.97648	RS-700	-0.059818507
7616	9/4/2019 9:23:35		-122.36	37.7146				1961.39771	RS-700	0.116406517
7617	9/4/2019 9:23:36		-122.36	37.7146				1961.89489	RS-700	0.11888005
7618	9/4/2019 9:23:37		-122.36	37.7146				1892.86744	RS-700	-0.2245401
7619	9/4/2019 9:23:38		-122.36	37.7146				1989.8084	RS-700	0.257753234
7620	9/4/2019 9:23:39		-122.36	37.7146				1929.20411	RS-700	-0.043760647
7621	9/4/2019 9:23:40		-122.36	37.7146				1888.48723	RS-700	-0.246332189
7622	9/4/2019 9:23:41		-122.36	37.7146				1890.67617	RS-700	-0.23544194
7623	9/4/2019 9:23:42		-122.36	37.7146				1833.83995	RS-700	-0.518209204
7624	9/4/2019 9:23:43		-122.36	37.7146				1880.0467	RS-700	-0.288324876

Gamma Scan Survey Results
Survey Unit 5 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
7625	9/4/2019 9:23:44		-122.36	37.7146				1858.66381	RS-700	-0.394707413
7626	9/4/2019 9:23:45		-122.36	37.7146				1789.28055	RS-700	-0.739897761
7627	9/4/2019 9:23:46		-122.36	37.7146				1811.37508	RS-700	-0.629974726
7628	9/4/2019 9:23:47		-122.36	37.7146				1878.76743	RS-700	-0.294689403
7629	9/4/2019 9:23:48		-122.36	37.7146				1986.01327	RS-700	0.23887199
7630	9/4/2019 9:23:49		-122.36	37.7146				1775.73092	RS-700	-0.807308856
7631	9/4/2019 9:23:50		-122.36	37.7146				1881.764	RS-700	-0.279781095
7632	9/4/2019 9:23:51		-122.36	37.7146				1888.4864	RS-700	-0.246336318
7633	9/4/2019 9:23:52		-122.36	37.7146				1830.7324	RS-700	-0.533669652
7634	9/4/2019 9:23:53		-122.36	37.7146				1880.77402	RS-700	-0.284706368
7635	9/4/2019 9:23:54		-122.36	37.7146				1910.20181	RS-700	-0.138299453
7636	9/4/2019 9:23:55		-122.36	37.7146				1846.66187	RS-700	-0.454418557
7637	9/4/2019 9:23:56		-122.36	37.7146				1897.86841	RS-700	-0.199659652
7638	9/4/2019 9:23:57		-122.36	37.7146				1729.4327	RS-700	-1.037648259
7639	9/4/2019 9:23:58		-122.36	37.7146				1803.37175	RS-700	-0.669792289
7640	9/4/2019 9:23:59		-122.36	37.7146				1910.4938	RS-700	-0.136846766
7641	9/4/2019 9:24:00		-122.36	37.7146				1848.29203	RS-700	-0.446308308
7642	9/4/2019 9:24:01		-122.36	37.7146				1890.49443	RS-700	-0.236346119
7643	9/4/2019 9:24:02		-122.36	37.7146				1792.73227	RS-700	-0.722725025
7644	9/4/2019 9:24:03		-122.36	37.7146				1760.80387	RS-700	-0.881572786
7645	9/4/2019 9:24:04		-122.36	37.7146				1857.57671	RS-700	-0.400115871
7646	9/4/2019 9:24:05		-122.36	37.7146				1853.38563	RS-700	-0.420967015
7647	9/4/2019 9:24:06		-122.36	37.7146				1848.47157	RS-700	-0.445415075
7648	9/4/2019 9:24:07		-122.36	37.7146				1802.81705	RS-700	-0.67255199
7649	9/4/2019 9:24:08		-122.36	37.7146				1875.76449	RS-700	-0.309629403
7650	9/4/2019 9:24:09		-122.36	37.7146				1913.68197	RS-700	-0.120985224
7651	9/4/2019 9:24:10		-122.36	37.7146				1800.45736	RS-700	-0.684291741
7652	9/4/2019 9:24:11		-122.36	37.7146				1810.46641	RS-700	-0.634495473
7653	9/4/2019 9:24:12		-122.36	37.7146				1902.7786	RS-700	-0.175230846
7654	9/4/2019 9:24:13		-122.36	37.7146				1830.54941	RS-700	-0.53458005
7655	9/4/2019 9:24:14		-122.36	37.7146				1880.86514	RS-700	-0.284253035
7656	9/4/2019 9:24:15		-122.36	37.7146				1913.87254	RS-700	-0.120037114
7657	9/4/2019 9:24:16		-122.36	37.7146				1936.88926	RS-700	-0.00552607
7658	9/4/2019 9:24:17		-122.36	37.7145				1883.75659	RS-700	-0.269867711
7659	9/4/2019 9:24:18		-122.36	37.7145				1838.78059	RS-700	-0.493628905
7660	9/4/2019 9:24:19		-122.36	37.7145				1878.57732	RS-700	-0.295635224
7661	9/4/2019 9:24:20		-122.36	37.7145				1854.47297	RS-700	-0.415557363
7662	9/4/2019 9:24:21		-122.36	37.7145				1940.59653	RS-700	0.01291806
7663	9/4/2019 9:24:22		-122.36	37.7145				1880.48175	RS-700	-0.286160448
7664	9/4/2019 9:24:23		-122.36	37.7145				1874.57702	RS-700	-0.315537214
7665	9/4/2019 9:24:24		-122.36	37.7145				1861.19904	RS-700	-0.382094328
7666	9/4/2019 9:24:25		-122.36	37.7145				1882.14335	RS-700	-0.277893781
7667	9/4/2019 9:24:26		-122.36	37.7145				1902.29892	RS-700	-0.177617313
7668	9/4/2019 9:24:27		-122.36	37.7145				1840.21665	RS-700	-0.486484328
7669	9/4/2019 9:24:28		-122.36	37.7145				1876.57803	RS-700	-0.30558194
7670	9/4/2019 9:24:29		-122.36	37.7145				1885.04155	RS-700	-0.263474876
7671	9/4/2019 9:24:30		-122.36	37.7145				1827.83503	RS-700	-0.548084428
7672	9/4/2019 9:24:31		-122.36	37.7145				1821.56231	RS-700	-0.57929199
7673	9/4/2019 9:24:32		-122.36	37.7145				1830.56282	RS-700	-0.534513333
7674	9/4/2019 9:24:33		-122.36	37.7145				1928.57709	RS-700	-0.046880149
7675	9/4/2019 9:24:34		-122.36	37.7145				1799.73007	RS-700	-0.6879101
7676	9/4/2019 9:24:35		-122.36	37.7145				1855.47846	RS-700	-0.410554925
7677	9/4/2019 9:24:36		-122.36	37.7145				1885.76931	RS-700	-0.259854179
7678	9/4/2019 9:24:37		-122.36	37.7145				1815.46731	RS-700	-0.609615373
7679	9/4/2019 9:24:38		-122.36	37.7145				1910.58771	RS-700	-0.136379552
7680	9/4/2019 9:24:39		-122.36	37.7145				1794.72811	RS-700	-0.712795473
7681	9/4/2019 9:24:40		-122.36	37.7145				1842.75234	RS-700	-0.473868955
7682	9/4/2019 9:24:41		-122.36	37.7145				1820.83418	RS-700	-0.582914527
7683	9/4/2019 9:24:42		-122.36	37.7145				1891.96384	RS-700	-0.229035622
7684	9/4/2019 9:24:43		-122.36	37.7145				1766.07363	RS-700	-0.855355075
7685	9/4/2019 9:24:44		-122.36	37.7145				1890.34086	RS-700	-0.237110149

Gamma Scan Survey Results
Survey Unit 5 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
7686	9/4/2019 9:24:45		-122.36	37.7145				1755.62309	RS-700	-0.907347811
7687	9/4/2019 9:24:46		-122.36	37.7145				1757.82472	RS-700	-0.896394428
7688	9/4/2019 9:24:47		-122.36	37.7145				1674.68258	RS-700	-1.310036915
7689	9/4/2019 9:24:48		-122.36	37.7145				1769.45789	RS-700	-0.83851796
7690	9/4/2019 9:24:49		-122.36	37.7145				1773.81285	RS-700	-0.816851493
7691	9/4/2019 9:24:50		-122.36	37.7145				1759.53802	RS-700	-0.887870547
7692	9/4/2019 9:24:51		-122.36	37.7145				1841.03839	RS-700	-0.48239607
7693	9/4/2019 9:24:52		-122.36	37.7145				1840.65808	RS-700	-0.484288159
7694	9/4/2019 9:24:53		-122.36	37.7145				1757.80374	RS-700	-0.896498806
7695	9/4/2019 9:24:54		-122.36	37.7145				1719.18537	RS-700	-1.08863
7696	9/4/2019 9:24:55		-122.36	37.7144				1782.63896	RS-700	-0.772940498
7697	9/4/2019 9:24:56		-122.36	37.7144				1811.62337	RS-700	-0.628739453
7698	9/4/2019 9:24:57		-122.36	37.7144				1815.47561	RS-700	-0.60957408
7699	9/4/2019 9:24:58		-122.36	37.7144				1802.9163	RS-700	-0.672058209
7700	9/4/2019 9:24:59		-122.36	37.7144				1855.19715	RS-700	-0.411954478
7701	9/4/2019 9:25:00		-122.36	37.7144				1838.38106	RS-700	-0.495616617
7702	9/4/2019 9:25:01		-122.36	37.7144				1824.73629	RS-700	-0.563501045
7703	9/4/2019 9:25:02		-122.36	37.7144				1777.55177	RS-700	-0.7982499
7704	9/4/2019 9:25:03		-122.36	37.7144				1755.45197	RS-700	-0.908199154
7705	9/4/2019 9:25:04		-122.36	37.7144				1874.57546	RS-700	-0.315544975
7706	9/4/2019 9:25:05		-122.36	37.7144				1758.36438	RS-700	-0.893709552
7707	9/4/2019 9:25:06		-122.36	37.7144				1850.85622	RS-700	-0.433551144
7708	9/4/2019 9:25:07		-122.36	37.7144				1782.54683	RS-700	-0.773398856
7709	9/4/2019 9:25:08		-122.36	37.7144				1831.47062	RS-700	-0.529996915
7710	9/4/2019 9:25:09		-122.36	37.7144				1846.12318	RS-700	-0.457098607
7711	9/4/2019 9:25:10		-122.36	37.7144				1899.97217	RS-700	-0.189193184
7712	9/4/2019 9:25:11		-122.36	37.7144				1906.38896	RS-700	-0.157268856
7713	9/4/2019 9:25:12		-122.36	37.7144				1810.93221	RS-700	-0.63217806
7714	9/4/2019 9:25:13		-122.36	37.7144				1810.55354	RS-700	-0.63406199
7715	9/4/2019 9:25:14		-122.36	37.7144				1805.37473	RS-700	-0.659827214
7716	9/4/2019 9:25:15		-122.36	37.7144				1795.46733	RS-700	-0.709117761
7717	9/4/2019 9:25:16		-122.36	37.7144				1756.55246	RS-700	-0.90272408
7718	9/4/2019 9:25:17		-122.36	37.7144				1745.44911	RS-700	-0.957964627
7719	9/4/2019 9:25:18		-122.36	37.7144				1792.46413	RS-700	-0.724059055
7720	9/4/2019 9:25:19		-122.36	37.7144				1774.55132	RS-700	-0.813177512
7721	9/4/2019 9:25:20		-122.36	37.7144				1854.20496	RS-700	-0.416890746
7722	9/4/2019 9:25:21		-122.36	37.7144				1868.85747	RS-700	-0.343992687
7723	9/4/2019 9:25:22		-122.36	37.7144				1792.56056	RS-700	-0.723579303
7724	9/4/2019 9:25:23		-122.36	37.7144				1847.57308	RS-700	-0.449885174
7725	9/4/2019 9:25:24		-122.36	37.7144				1795.55262	RS-700	-0.708693433
7726	9/4/2019 9:25:25		-122.36	37.7144				1896.39088	RS-700	-0.207010547
7727	9/4/2019 9:25:26		-122.36	37.7144				1910.7802	RS-700	-0.135421891
7728	9/4/2019 9:25:27		-122.36	37.7144				1776.45565	RS-700	-0.803703234
7729	9/4/2019 9:25:28		-122.36	37.7144				1749.18104	RS-700	-0.939397811
7730	9/4/2019 9:25:29		-122.36	37.7144				1803.37342	RS-700	-0.66978398
7731	9/4/2019 9:25:30		-122.36	37.7144				1832.02438	RS-700	-0.527241891
7732	9/4/2019 9:25:31		-122.36	37.7144				1805.55383	RS-700	-0.658936169
7733	9/4/2019 9:25:32		-122.36	37.7144				1786.81643	RS-700	-0.752157065
7734	9/4/2019 9:25:33		-122.36	37.7144				1783.6243	RS-700	-0.768038308
7735	9/4/2019 9:25:34		-122.36	37.7144				1843.47201	RS-700	-0.470288507
7736	9/4/2019 9:25:35		-122.36	37.7144				1673.67811	RS-700	-1.315034279
7737	9/4/2019 9:25:36		-122.36	37.7144				1756.6245	RS-700	-0.902365672
7738	9/4/2019 9:25:37		-122.36	37.7144				1861.47924	RS-700	-0.380700299
7739	9/4/2019 9:25:38		-122.36	37.7144				1806.64852	RS-700	-0.65348995
7740	9/4/2019 9:25:39		-122.36	37.7144				1788.74044	RS-700	-0.742584876
7741	9/4/2019 9:25:40		-122.36	37.7144				1725.61928	RS-700	-1.056620498
7742	9/4/2019 9:25:41		-122.36	37.7144				1790.64297	RS-700	-0.733119552
7743	9/4/2019 9:25:42		-122.36	37.7144				1793.65332	RS-700	-0.718142687
7744	9/4/2019 9:25:43		-122.36	37.7144				1873.38311	RS-700	-0.321477065
7745	9/4/2019 9:25:44		-122.36	37.7144				1881.57917	RS-700	-0.280700647
7746	9/4/2019 9:25:45		-122.36	37.7144				1806.55378	RS-700	-0.653961294

Gamma Scan Survey Results
Survey Unit 5 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
7747	9/4/2019 9:25:46		-122.36	37.7144				1850.66125	RS-700	-0.434521144
7748	9/4/2019 9:25:47		-122.36	37.7144				1813.47311	RS-700	-0.619536766
7749	9/4/2019 9:25:48		-122.36	37.7143				1867.39224	RS-700	-0.351282388
7750	9/4/2019 9:25:49		-122.36	37.7143				1798.46584	RS-700	-0.694199801
7751	9/4/2019 9:25:50		-122.36	37.7143				1738.04451	RS-700	-0.994803433
7752	9/4/2019 9:25:51		-122.36	37.7143				1831.76272	RS-700	-0.528543682
7753	9/4/2019 9:25:52		-122.36	37.7143				1763.72213	RS-700	-0.86705408
7754	9/4/2019 9:25:53		-122.36	37.7143				1853.94284	RS-700	-0.418194826
7755	9/4/2019 9:25:54		-122.36	37.7143				1758.36404	RS-700	-0.893711244
7756	9/4/2019 9:25:55		-122.36	37.7143				1849.76018	RS-700	-0.43900408
7757	9/4/2019 9:25:56		-122.36	37.7143				1807.73719	RS-700	-0.648073682
7758	9/4/2019 9:25:57		-122.36	37.7143				1836.55766	RS-700	-0.504688259
7759	9/4/2019 9:25:58		-122.36	37.7143				1841.85859	RS-700	-0.478315473
7760	9/4/2019 9:25:59		-122.36	37.7144				1871.38715	RS-700	-0.331407214
7761	9/4/2019 9:26:00		-122.36	37.7144				1801.17203	RS-700	-0.680736169
7762	9/4/2019 9:26:01		-122.36	37.7144				1849.29197	RS-700	-0.441333483
7763	9/4/2019 9:26:02		-122.36	37.7144				1848.76406	RS-700	-0.4439599
7764	9/4/2019 9:26:03		-122.36	37.7144				1866.66994	RS-700	-0.35487592
7765	9/4/2019 9:26:04		-122.36	37.7144				1821.83977	RS-700	-0.577911592
7766	9/4/2019 9:26:05		-122.36	37.7144				1790.54988	RS-700	-0.733582687
7767	9/4/2019 9:26:06		-122.36	37.7144				1859.66144	RS-700	-0.38974408
7768	9/4/2019 9:26:07		-122.36	37.7144				1831.47296	RS-700	-0.529985274
7769	9/4/2019 9:26:08		-122.36	37.7144				1716.95105	RS-700	-1.09974602
7770	9/4/2019 9:26:09		-122.36	37.7144				1818.55896	RS-700	-0.59423403
7771	9/4/2019 9:26:10		-122.36	37.7144				1822.74314	RS-700	-0.573417214
7772	9/4/2019 9:26:11		-122.36	37.7144				1767.71997	RS-700	-0.847164328
7773	9/4/2019 9:26:12		-122.36	37.7144				1779.5548	RS-700	-0.788284577
7774	9/4/2019 9:26:13		-122.36	37.7144				1728.35745	RS-700	-1.042997761
7775	9/4/2019 9:26:14		-122.36	37.7144				1727.35734	RS-700	-1.047973433
7776	9/4/2019 9:26:15		-122.36	37.7144				1810.28465	RS-700	-0.635399751
7777	9/4/2019 9:26:16		-122.36	37.7144				1785.72757	RS-700	-0.757574279
7778	9/4/2019 9:26:17		-122.36	37.7144				1791.55404	RS-700	-0.728586866
7779	9/4/2019 9:26:18		-122.36	37.7144				1832.65267	RS-700	-0.52411607
7780	9/4/2019 9:26:19		-122.36	37.7144				1862.23658	RS-700	-0.376932438
7781	9/4/2019 9:26:20		-122.36	37.7144				1776.18863	RS-700	-0.805031692
7782	9/4/2019 9:26:21		-122.36	37.7144				1807.91781	RS-700	-0.647175075
7783	9/4/2019 9:26:22		-122.36	37.7144				1836.93399	RS-700	-0.50281597
7784	9/4/2019 9:26:23		-122.36	37.7144				1861.47744	RS-700	-0.380709254
7785	9/4/2019 9:26:24		-122.36	37.7144				1789.99235	RS-700	-0.736356468
7786	9/4/2019 9:26:25		-122.36	37.7144				1818.65167	RS-700	-0.593772786
7787	9/4/2019 9:26:26		-122.36	37.7144				1739.09792	RS-700	-0.989562587
7788	9/4/2019 9:26:27		-122.36	37.7144				1867.0382	RS-700	-0.353043781
7789	9/4/2019 9:26:28		-122.36	37.7144				1837.63587	RS-700	-0.49932403
7790	9/4/2019 9:26:29		-122.36	37.7144				1836.65351	RS-700	-0.504211393
7791	9/4/2019 9:26:30		-122.36	37.7144				1853.47347	RS-700	-0.42053
7792	9/4/2019 9:26:31		-122.36	37.7144				1742.62184	RS-700	-0.972030647
7793	9/4/2019 9:26:32		-122.36	37.7145				1867.8538	RS-700	-0.34898607
7794	9/4/2019 9:26:33		-122.36	37.7145				1879.38917	RS-700	-0.291596169
7795	9/4/2019 9:26:34		-122.36	37.7145				1931.81045	RS-700	-0.030793781
7796	9/4/2019 9:26:35		-122.36	37.7145				1866.76099	RS-700	-0.354422935
7797	9/4/2019 9:26:36		-122.36	37.7145				1863.65926	RS-700	-0.369854428
7798	9/4/2019 9:26:37		-122.36	37.7145				1826.46715	RS-700	-0.554889801
7799	9/4/2019 9:26:38		-122.36	37.7145				1824.37847	RS-700	-0.565281244
7800	9/4/2019 9:26:39		-122.36	37.7145				1905.40364	RS-700	-0.162170945
7801	9/4/2019 9:26:40		-122.36	37.7145				1899.96601	RS-700	-0.189223831
7802	9/4/2019 9:26:41		-122.36	37.7145				1784.46151	RS-700	-0.763873085
7803	9/4/2019 9:26:42		-122.36	37.7145				1929.69074	RS-700	-0.041339602
7804	9/4/2019 9:26:43		-122.36	37.7145				1913.57608	RS-700	-0.12151204
7805	9/4/2019 9:26:44		-122.36	37.7145				2004.01411	RS-700	0.328428408
7806	9/4/2019 9:26:45		-122.36	37.7145				1839.84847	RS-700	-0.48831607
7807	9/4/2019 9:26:46		-122.36	37.7145				1942.79249	RS-700	0.023843234

Gamma Scan Survey Results
Survey Unit 5 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
7808	9/4/2019 9:26:47		-122.36	37.7145				1889.39308	RS-700	-0.241825473
7809	9/4/2019 9:26:48		-122.36	37.7145				1860.22073	RS-700	-0.386961542
7810	9/4/2019 9:26:49		-122.36	37.7145				1937.30069	RS-700	-0.003479154
7811	9/4/2019 9:26:50		-122.36	37.7145				1888.67786	RS-700	-0.245383781
7812	9/4/2019 9:26:51		-122.36	37.7145				1917.49484	RS-700	-0.102015721
7813	9/4/2019 9:26:52		-122.36	37.7145				1948.58339	RS-700	0.052653682
7814	9/4/2019 9:26:53		-122.36	37.7145				1909.30308	RS-700	-0.142770746
7815	9/4/2019 9:26:54		-122.36	37.7145				1921.39753	RS-700	-0.082599353
7816	9/4/2019 9:26:55		-122.36	37.7145				1873.48135	RS-700	-0.320988308
7817	9/4/2019 9:26:56		-122.36	37.7145				1869.76177	RS-700	-0.339493682
7818	9/4/2019 9:26:57		-122.36	37.7145				1883.58414	RS-700	-0.270725672
7819	9/4/2019 9:26:58		-122.36	37.7145				1894.15045	RS-700	-0.218156965
7820	9/4/2019 9:26:59		-122.36	37.7145				1879.57783	RS-700	-0.290657562
7821	9/4/2019 9:27:00		-122.36	37.7145				1927.30465	RS-700	-0.053210697
7822	9/4/2019 9:27:01		-122.36	37.7145				1930.39962	RS-700	-0.037812836
7823	9/4/2019 9:27:02		-122.36	37.7145				1833.48289	RS-700	-0.519985622
7824	9/4/2019 9:27:03		-122.36	37.7145				1834.85127	RS-700	-0.513177761
7825	9/4/2019 9:27:04		-122.36	37.7146				1926.69609	RS-700	-0.056238358
7826	9/4/2019 9:27:05		-122.36	37.7146				1953.2145	RS-700	0.07569403
7827	9/4/2019 9:27:06		-122.36	37.7146				1967.50668	RS-700	0.146799403
7828	9/4/2019 9:27:07		-122.36	37.7146				1873.57893	RS-700	-0.320502836
7829	9/4/2019 9:27:08		-122.36	37.7146				1971.70756	RS-700	0.167699303
7830	9/4/2019 9:27:09		-122.36	37.7146				1919.69055	RS-700	-0.091091791
7831	9/4/2019 9:27:10		-122.36	37.7146				2017.71627	RS-700	0.396598358
7832	9/4/2019 9:27:11		-122.36	37.7146				2066.74067	RS-700	0.640500846
7833	9/4/2019 9:27:12		-122.36	37.7146				1981.80979	RS-700	0.217959154
7834	9/4/2019 9:27:13		-122.36	37.7146				1925.68331	RS-700	-0.061277065
7835	9/4/2019 9:27:14		-122.36	37.7146				1890.48696	RS-700	-0.236383284
7836	9/4/2019 9:27:15		-122.36	37.7146				1882.67248	RS-700	-0.275261294
7837	9/4/2019 9:27:16		-122.36	37.7146				1391.06839	RS-700	-2.721052786
7838	9/4/2019 9:27:17		-122.36	37.7146				1597.28105	RS-700	-1.695119154
7839	9/4/2019 9:27:18		-122.36	37.7146				1902.29489	RS-700	-0.177637363
7840	9/4/2019 9:27:19		-122.36	37.7146				1844.55945	RS-700	-0.464878358
7841	9/4/2019 9:27:20		-122.36	37.7146				1893.68887	RS-700	-0.220453383
7842	9/4/2019 9:27:21		-122.36	37.7146				1915.69203	RS-700	-0.110984925
7843	9/4/2019 9:27:22		-122.36	37.7146				1873.57753	RS-700	-0.320509801
7844	9/4/2019 9:27:23		-122.36	37.7146				1935.49575	RS-700	-0.012458955
7845	9/4/2019 9:27:24		-122.36	37.7146				1919.79032	RS-700	-0.090595423
7846	9/4/2019 9:27:25		-122.36	37.7146				1980.41127	RS-700	0.211001343
7847	9/4/2019 9:27:26		-122.36	37.7146				1912.97352	RS-700	-0.124509851
7848	9/4/2019 9:27:27		-122.36	37.7146				1899.39282	RS-700	-0.192075522
7849	9/4/2019 9:27:28		-122.36	37.7146				1871.58704	RS-700	-0.330412736
7850	9/4/2019 9:27:29		-122.36	37.7146				1834.84128	RS-700	-0.513227463
7851	9/4/2019 9:27:30		-122.36	37.7147				1823.37863	RS-700	-0.570255572
7852	9/4/2019 9:27:31		-122.36	37.7147				1866.85273	RS-700	-0.353966517
7853	9/4/2019 9:27:32		-122.36	37.7147				1961.50381	RS-700	0.116934378
7854	9/4/2019 9:27:33		-122.36	37.7147				1895.15144	RS-700	-0.213176915
7855	9/4/2019 9:27:34		-122.36	37.7147				1848.29059	RS-700	-0.446315473
7856	9/4/2019 9:27:35		-122.36	37.7147				1906.87166	RS-700	-0.154867363
7857	9/4/2019 9:27:36		-122.36	37.7147				1925.2921	RS-700	-0.063223383
7858	9/4/2019 9:27:37		-122.36	37.7147				2005.52302	RS-700	0.335935423
7859	9/4/2019 9:27:38		-122.36	37.7147				1883.66891	RS-700	-0.27030393
7860	9/4/2019 9:27:39		-122.36	37.7147				1924.58344	RS-700	-0.066749055
7861	9/4/2019 9:27:40		-122.36	37.7147				1935.98414	RS-700	-0.010029154
7862	9/4/2019 9:27:41		-122.36	37.7147				1891.2981	RS-700	-0.232347761
7863	9/4/2019 9:27:42		-122.36	37.7147				1968.71143	RS-700	0.152793184
7864	9/4/2019 9:27:43		-122.36	37.7147				1962.79992	RS-700	0.123382687
7865	9/4/2019 9:27:44		-122.36	37.7147				1897.49448	RS-700	-0.20152
7866	9/4/2019 9:27:45		-122.36	37.7147				1925.87563	RS-700	-0.060320249
7867	9/4/2019 9:27:46		-122.36	37.7147				1885.58028	RS-700	-0.260794627
7868	9/4/2019 9:27:47		-122.36	37.7147				1879.58888	RS-700	-0.290602587

Gamma Scan Survey Results
Survey Unit 5 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
7869	9/4/2019 9:27:48		-122.36	37.7147				1922.30395	RS-700	-0.078089801
7870	9/4/2019 9:27:49		-122.36	37.7147				1922.68177	RS-700	-0.0762101
7871	9/4/2019 9:27:50		-122.36	37.7147				1956.60294	RS-700	0.09255194
7872	9/4/2019 9:27:51		-122.36	37.7147				1833.56589	RS-700	-0.519572687
7873	9/4/2019 9:27:52		-122.36	37.7147				1947.60007	RS-700	0.047761542
7874	9/4/2019 9:27:53		-122.36	37.7147				1859.75764	RS-700	-0.389265473
7875	9/4/2019 9:27:54		-122.36	37.7147				1935.90107	RS-700	-0.010442438
7876	9/4/2019 9:27:55		-122.36	37.7147				1904.96733	RS-700	-0.164341642
7877	9/4/2019 9:27:56		-122.36	37.7147				1970.60771	RS-700	0.162227413
7878	9/4/2019 9:27:57		-122.361	37.7147				1871.67528	RS-700	-0.329973731
7879	9/4/2019 9:27:58		-122.361	37.7147				1872.85606	RS-700	-0.324099204
7880	9/4/2019 9:27:59		-122.361	37.7147				1932.08131	RS-700	-0.029446219
7881	9/4/2019 9:28:00		-122.361	37.7147				2048.73405	RS-700	0.550915672
7882	9/4/2019 9:28:01		-122.361	37.7147				1939.47996	RS-700	0.007362985
7883	9/4/2019 9:28:02		-122.361	37.7147				1941.08442	RS-700	0.015345373
7884	9/4/2019 9:28:03		-122.361	37.7147				1907.5917	RS-700	-0.151285075
7885	9/4/2019 9:28:04		-122.361	37.7147				1944.88983	RS-700	0.034277761
7886	9/4/2019 9:28:05		-122.361	37.7147				1925.98793	RS-700	-0.059761542
7887	9/4/2019 9:28:06		-122.361	37.7148				2017.5152	RS-700	0.39559801
7888	9/4/2019 9:28:07		-122.361	37.7148				1972.19756	RS-700	0.170137114
7889	9/4/2019 9:28:08		-122.361	37.7148				2041.21768	RS-700	0.513520796
7890	9/4/2019 9:28:09		-122.361	37.7148				1912.20686	RS-700	-0.12832408
7891	9/4/2019 9:28:10		-122.361	37.7148				1881.86116	RS-700	-0.279297711
7892	9/4/2019 9:28:11		-122.361	37.7148				1887.96798	RS-700	-0.248915522
7893	9/4/2019 9:28:12		-122.361	37.7148				1820.4646	RS-700	-0.584753234
7894	9/4/2019 9:28:13		-122.361	37.7148				1876.85925	RS-700	-0.304182836
7895	9/4/2019 9:28:14		-122.361	37.7148				1946.50315	RS-700	0.042304229
7896	9/4/2019 9:28:15		-122.361	37.7148				1854.75411	RS-700	-0.414158657
7897	9/4/2019 9:28:16		-122.361	37.7148				1830.7466	RS-700	-0.533599005
7898	9/4/2019 9:28:17		-122.361	37.7148				1871.56634	RS-700	-0.330515721
7899	9/4/2019 9:28:18		-122.361	37.7148				1853.94122	RS-700	-0.418202886
7900	9/4/2019 9:28:19		-122.361	37.7148				1890.95975	RS-700	-0.234031095
7901	9/4/2019 9:28:20		-122.361	37.7148				1844.47493	RS-700	-0.465298856
7902	9/4/2019 9:28:21		-122.361	37.7148				1906.48875	RS-700	-0.156772388
7903	9/4/2019 9:28:22		-122.361	37.7148				1860.38734	RS-700	-0.386132637
7904	9/4/2019 9:28:23		-122.361	37.7148				1885.8583	RS-700	-0.259411443
7905	9/4/2019 9:28:24		-122.361	37.7148				1889.19908	RS-700	-0.242790647
7906	9/4/2019 9:28:25		-122.361	37.7148				1984.61562	RS-700	0.231918507
7907	9/4/2019 9:28:26		-122.361	37.7148				1891.40861	RS-700	-0.23179796
7908	9/4/2019 9:28:27		-122.361	37.7148				1957.59488	RS-700	0.097486965
7909	9/4/2019 9:28:28		-122.361	37.7148				1958.60324	RS-700	0.102503682
7910	9/4/2019 9:28:29		-122.361	37.7148				1965.80079	RS-700	0.138312388
7911	9/4/2019 9:28:30		-122.361	37.7148				1933.69102	RS-700	-0.021437711
7912	9/4/2019 9:28:31		-122.361	37.7148				2036.42116	RS-700	0.489657512
7913	9/4/2019 9:28:32		-122.361	37.7148				1948.70774	RS-700	0.053272338
7914	9/4/2019 9:28:33		-122.361	37.7148				1898.88478	RS-700	-0.194603085
7915	9/4/2019 9:28:34		-122.361	37.7148				2084.53555	RS-700	0.729032587
7916	9/4/2019 9:28:35		-122.361	37.7148				1966.49729	RS-700	0.141777562
7917	9/4/2019 9:28:36		-122.361	37.7148				1937.66018	RS-700	-0.001690647
7918	9/4/2019 9:28:37		-122.361	37.7148				1969.79648	RS-700	0.158191443
7919	9/4/2019 9:28:38		-122.361	37.7148				1994.5023	RS-700	0.28110597
7920	9/4/2019 9:28:39		-122.361	37.7148				1995.51368	RS-700	0.286137711
7921	9/4/2019 9:28:40		-122.361	37.7148				2010.7131	RS-700	0.361756716
7922	9/4/2019 9:28:41		-122.361	37.7148				1993.00489	RS-700	0.273656169
7923	9/4/2019 9:28:42		-122.361	37.7149				1929.49264	RS-700	-0.042325174
7924	9/4/2019 9:28:43		-122.361	37.7149				1961.89715	RS-700	0.118891294
7925	9/4/2019 9:28:44		-122.361	37.7149				1901.86886	RS-700	-0.179756915
7926	9/4/2019 9:28:45		-122.361	37.7149				1994.70427	RS-700	0.282110796
7927	9/4/2019 9:28:46		-122.361	37.7149				1964.2144	RS-700	0.1304199
7928	9/4/2019 9:28:47		-122.361	37.7149				2035.03392	RS-700	0.482755821
7929	9/4/2019 9:28:48		-122.361	37.7149				1927.69065	RS-700	-0.051290299

Gamma Scan Survey Results
Survey Unit 5 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
7930	9/4/2019 9:28:49		-122.361	37.7149				2047.83003	RS-700	0.54641806
7931	9/4/2019 9:28:50		-122.361	37.7149				2092.86324	RS-700	0.770463881
7932	9/4/2019 9:28:51		-122.361	37.7149				2101.76415	RS-700	0.814747015
7933	9/4/2019 9:28:52		-122.361	37.7149				1995.406	RS-700	0.28560199
7934	9/4/2019 9:28:53		-122.361	37.7149				2030.52264	RS-700	0.460311642
7935	9/4/2019 9:28:54		-122.361	37.7149				2104.53845	RS-700	0.828549502
7936	9/4/2019 9:28:55		-122.361	37.7149				2114.08704	RS-700	0.876054925
7937	9/4/2019 9:28:56		-122.361	37.7149				2112.87405	RS-700	0.870020149
7938	9/4/2019 9:28:57		-122.361	37.7149				2069.04812	RS-700	0.651980697
7939	9/4/2019 9:28:58		-122.361	37.7149				2027.74167	RS-700	0.44647597
7940	9/4/2019 9:28:59		-122.361	37.7149				1980.68358	RS-700	0.212356119
7941	9/4/2019 9:29:00		-122.361	37.7149				1971.81492	RS-700	0.168233433
7942	9/4/2019 9:29:01		-122.361	37.7149				2032.8189	RS-700	0.471735821
7943	9/4/2019 9:29:02		-122.361	37.7149				1976.30632	RS-700	0.190578706
7944	9/4/2019 9:29:03		-122.361	37.7149				1967.80096	RS-700	0.148263483
7945	9/4/2019 9:29:04		-122.361	37.7149				1968.51641	RS-700	0.151822935
7946	9/4/2019 9:29:05		-122.361	37.7149				1938.69121	RS-700	0.003438856
7947	9/4/2019 9:29:06		-122.361	37.7149				1816.4766	RS-700	-0.60459403
7948	9/4/2019 9:29:07		-122.361	37.7149				1854.8298	RS-700	-0.41378209
7949	9/4/2019 9:29:08		-122.361	37.7149				1834.65827	RS-700	-0.51413796
7950	9/4/2019 9:29:09		-122.361	37.7149				1860.75627	RS-700	-0.384297164
7951	9/4/2019 9:29:10		-122.361	37.7149				1847.65993	RS-700	-0.449453085
7952	9/4/2019 9:29:11		-122.361	37.7149				1818.37635	RS-700	-0.595142537
7953	9/4/2019 9:29:12		-122.361	37.7149				1876.48368	RS-700	-0.306051343
7954	9/4/2019 9:29:13		-122.361	37.7149				1817.56078	RS-700	-0.5992001
7955	9/4/2019 9:29:14		-122.361	37.7149				1961.60476	RS-700	0.117436617
7956	9/4/2019 9:29:15		-122.361	37.7149				1840.56462	RS-700	-0.484753134
7957	9/4/2019 9:29:16		-122.361	37.7149				1873.57661	RS-700	-0.320514378
7958	9/4/2019 9:29:17		-122.361	37.715				1849.84563	RS-700	-0.438578955
7959	9/4/2019 9:29:18		-122.361	37.715				1880.76266	RS-700	-0.284762886
7960	9/4/2019 9:29:19		-122.361	37.715				1933.59444	RS-700	-0.021918209
7961	9/4/2019 9:29:20		-122.361	37.715				2002.81803	RS-700	0.322477761
7962	9/4/2019 9:29:21		-122.361	37.715				1888.58392	RS-700	-0.245851144
7963	9/4/2019 9:29:22		-122.361	37.715				1972.89751	RS-700	0.173619453
7964	9/4/2019 9:29:23		-122.361	37.715				1958.50519	RS-700	0.102015871
7965	9/4/2019 9:29:24		-122.361	37.715				2010.70815	RS-700	0.36173209
7966	9/4/2019 9:29:25		-122.361	37.715				1853.76988	RS-700	-0.419055323
7967	9/4/2019 9:29:26		-122.361	37.715				1578.637	RS-700	-1.787875622
7968	9/4/2019 9:29:27		-122.361	37.715				1165.184	RS-700	-3.844855721
7969	9/4/2019 9:29:28		-122.361	37.715				1109.39937	RS-700	-4.122391194
7970	9/4/2019 9:29:29		-122.361	37.715				1598.33503	RS-700	-1.689875473
7971	9/4/2019 9:29:30		-122.361	37.715				1820.83669	RS-700	-0.58290204
7972	9/4/2019 9:29:31		-122.361	37.715				1837.57115	RS-700	-0.49964602
7973	9/4/2019 9:29:32		-122.361	37.715				1851.29388	RS-700	-0.431373731
7974	9/4/2019 9:29:33		-122.361	37.715				1803.46399	RS-700	-0.669333383
7975	9/4/2019 9:29:34		-122.361	37.715				1741.80754	RS-700	-0.976081891
7976	9/4/2019 9:29:35		-122.361	37.715				1821.83464	RS-700	-0.577937114
7977	9/4/2019 9:29:36		-122.361	37.715				1808.6495	RS-700	-0.643534826
7978	9/4/2019 9:29:37		-122.361	37.715				1818.46683	RS-700	-0.594692388
7979	9/4/2019 9:29:38		-122.361	37.715				1806.64559	RS-700	-0.653504527
7980	9/4/2019 9:29:39		-122.361	37.715				1891.86756	RS-700	-0.229514627
7981	9/4/2019 9:29:40		-122.361	37.715				2019.62142	RS-700	0.406076716
7982	9/4/2019 9:29:41		-122.361	37.715				1948.27548	RS-700	0.051121791
7983	9/4/2019 9:29:42		-122.361	37.715				1978.1082	RS-700	0.199543284
7984	9/4/2019 9:29:43		-122.361	37.715				1941.5015	RS-700	0.017420398
7985	9/4/2019 9:29:44		-122.361	37.715				1971.90319	RS-700	0.168672587
7986	9/4/2019 9:29:45		-122.361	37.715				2012.62878	RS-700	0.371287463
7987	9/4/2019 9:29:46		-122.361	37.715				1981.7132	RS-700	0.217478607
7988	9/4/2019 9:29:47		-122.361	37.715				1980.59529	RS-700	0.211916866
7989	9/4/2019 9:29:48		-122.361	37.715				1943.98286	RS-700	0.029765473
7990	9/4/2019 9:29:49		-122.361	37.715				1889.48435	RS-700	-0.241371393

Gamma Scan Survey Results
Survey Unit 5 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
7991	9/4/2019 9:29:50		-122.361	37.715				1909.98035	RS-700	-0.139401244
7992	9/4/2019 9:29:51		-122.361	37.715				1926.7811	RS-700	-0.055815423
7993	9/4/2019 9:29:52		-122.361	37.715				1836.56541	RS-700	-0.504649701
7994	9/4/2019 9:29:53		-122.361	37.715				1847.4757	RS-700	-0.450369652
7995	9/4/2019 9:29:54		-122.361	37.715				1826.56246	RS-700	-0.554415622
7996	9/4/2019 9:29:55		-122.361	37.7151				1798.83013	RS-700	-0.692387413
7997	9/4/2019 9:29:56		-122.361	37.7151				1829.92853	RS-700	-0.537669005
7998	9/4/2019 9:29:57		-122.361	37.7151				1983.70705	RS-700	0.227398259
7999	9/4/2019 9:29:58		-122.361	37.7151				1908.39602	RS-700	-0.147283483
8000	9/4/2019 9:29:59		-122.361	37.7151				1867.48094	RS-700	-0.350841095
8001	9/4/2019 9:30:00		-122.361	37.7151				1843.38234	RS-700	-0.470734627
8002	9/4/2019 9:30:01		-122.361	37.7151				1867.84955	RS-700	-0.349007214
8003	9/4/2019 9:30:02		-122.361	37.7151				1916.59021	RS-700	-0.106516368
8004	9/4/2019 9:30:03		-122.361	37.7151				1893.67695	RS-700	-0.220512687
8005	9/4/2019 9:30:04		-122.361	37.7151				1895.85909	RS-700	-0.209656269
8006	9/4/2019 9:30:05		-122.361	37.7151				1888.76217	RS-700	-0.244964328
8007	9/4/2019 9:30:06		-122.361	37.7151				1931.3071	RS-700	-0.03329801
8008	9/4/2019 9:30:07		-122.361	37.7151				1819.46213	RS-700	-0.589740647
8009	9/4/2019 9:30:08		-122.361	37.7151				1867.22933	RS-700	-0.352092886
8010	9/4/2019 9:30:09		-122.361	37.7151				1844.93494	RS-700	-0.463010249
8011	9/4/2019 9:30:10		-122.361	37.7151				1804.46577	RS-700	-0.664349403
8012	9/4/2019 9:30:11		-122.361	37.7151				1899.8741	RS-700	-0.189681095
8013	9/4/2019 9:30:12		-122.361	37.7151				1912.07691	RS-700	-0.128970597
8014	9/4/2019 9:30:13		-122.361	37.7151				1887.66815	RS-700	-0.250407214
8015	9/4/2019 9:30:14		-122.361	37.7151				1927.78848	RS-700	-0.050803582
8016	9/4/2019 9:30:15		-122.361	37.7151				2113.0722	RS-700	0.87100597
8017	9/4/2019 9:30:16		-122.361	37.7151				1974.4088	RS-700	0.181138308
8018	9/4/2019 9:30:17		-122.361	37.7151				1819.1027	RS-700	-0.591528856
8019	9/4/2019 9:30:18		-122.361	37.7151				1863.38564	RS-700	-0.371215721
8020	9/4/2019 9:30:19		-122.361	37.7151				1882.14773	RS-700	-0.27787199
8021	9/4/2019 9:30:20		-122.361	37.7151				1766.62828	RS-700	-0.852595622
8022	9/4/2019 9:30:21		-122.361	37.7151				1808.45885	RS-700	-0.644483333
8023	9/4/2019 9:30:22		-122.361	37.7152				1863.76871	RS-700	-0.3693099
8024	9/4/2019 9:30:23		-122.361	37.7152				2047.95276	RS-700	0.547028657
8025	9/4/2019 9:30:24		-122.361	37.7152				1975.90578	RS-700	0.18858597
8026	9/4/2019 9:30:25		-122.361	37.7152				1912.77138	RS-700	-0.125515522
8027	9/4/2019 9:30:26		-122.361	37.7152				1928.78922	RS-700	-0.045824776
8028	9/4/2019 9:30:27		-122.361	37.7152				1814.01432	RS-700	-0.616844179
8029	9/4/2019 9:30:28		-122.361	37.7152				1761.38038	RS-700	-0.878704577
8030	9/4/2019 9:30:29		-122.361	37.7152				1762.99223	RS-700	-0.870685423
8031	9/4/2019 9:30:30		-122.361	37.7152				1818.75093	RS-700	-0.593278955
8032	9/4/2019 9:30:31		-122.361	37.7152				1928.78514	RS-700	-0.045845075
8033	9/4/2019 9:30:32		-122.361	37.7152				1859.38554	RS-700	-0.391116716
8034	9/4/2019 9:30:33		-122.361	37.7152				1907.85427	RS-700	-0.149978756
8035	9/4/2019 9:30:34		-122.361	37.7152				1829.9276	RS-700	-0.537673632
8036	9/4/2019 9:30:35		-122.361	37.7152				1692.42189	RS-700	-1.221781642
8037	9/4/2019 9:30:36		-122.361	37.7152				1869.75293	RS-700	-0.339537662
8038	9/4/2019 9:30:37		-122.361	37.7152				1978.50906	RS-700	0.201537612
8039	9/4/2019 9:30:38		-122.361	37.7152				1839.56225	RS-700	-0.48974005
8040	9/4/2019 9:30:39		-122.361	37.7152				1433.58316	RS-700	-2.509536517
8041	9/4/2019 9:30:40		-122.361	37.7152				969.25865	RS-700	-4.819608706
8042	9/4/2019 9:30:41		-122.361	37.7152				835.25647	RS-700	-5.486286219
8043	9/4/2019 9:30:42		-122.361	37.7152				794.24462	RS-700	-5.690325274
8044	9/4/2019 9:30:43		-122.361	37.7152				754.1132	RS-700	-5.88998408
8045	9/4/2019 9:30:44		-122.361	37.7152				683.06956	RS-700	-6.243435025
8046	9/4/2019 9:30:45		-122.361	37.7152				970.1475	RS-700	-4.815186567
8047	9/4/2019 9:30:46		-122.361	37.7152				1733.61991	RS-700	-1.016816368
8048	9/4/2019 9:30:47		-122.361	37.7152				1807.09017	RS-700	-0.651292687
8049	9/4/2019 9:30:48		-122.361	37.7152				1872.67429	RS-700	-0.325003532
8050	9/4/2019 9:30:49		-122.361	37.7152				1842.29042	RS-700	-0.476167065
8051	9/4/2019 9:30:50		-122.361	37.7152				1795.82325	RS-700	-0.707347015

Gamma Scan Survey Results
Survey Unit 5 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
8052	9/4/2019 9:30:51		-122.361	37.7152				1784.63968	RS-700	-0.762986667
8053	9/4/2019 9:30:52		-122.361	37.7152				1841.12686	RS-700	-0.48195592
8054	9/4/2019 9:30:53		-122.361	37.7152				1897.58202	RS-700	-0.201084478
8055	9/4/2019 9:30:54		-122.361	37.7152				1810.46962	RS-700	-0.634479502
8056	9/4/2019 9:30:55		-122.361	37.7152				1809.64216	RS-700	-0.638596219
8057	9/4/2019 9:30:56		-122.361	37.7152				1822.5603	RS-700	-0.574326866
8058	9/4/2019 9:30:57		-122.361	37.7152				1725.35791	RS-700	-1.057920846
8059	9/4/2019 9:30:58		-122.361	37.7152				1740.3607	RS-700	-0.9832801
8060	9/4/2019 9:30:59		-122.361	37.7152				1771.72967	RS-700	-0.827215572
8061	9/4/2019 9:31:00		-122.361	37.7152				1701.5196	RS-700	-1.176519403
8062	9/4/2019 9:31:01		-122.361	37.7152				1751.27126	RS-700	-0.928998706
8063	9/4/2019 9:31:02		-122.361	37.7152				1715.78418	RS-700	-1.105551343
8064	9/4/2019 9:31:03		-122.361	37.7152				1724.43922	RS-700	-1.062491443
8065	9/4/2019 9:31:04		-122.361	37.7152				1769.36168	RS-700	-0.838996617
8066	9/4/2019 9:31:05		-122.361	37.7152				1737.80377	RS-700	-0.996001144
8067	9/4/2019 9:31:06		-122.361	37.7152				1778.72483	RS-700	-0.792413781
8068	9/4/2019 9:31:07		-122.361	37.7152				1807.64909	RS-700	-0.64851199
8069	9/4/2019 9:31:08		-122.361	37.7152				1790.36927	RS-700	-0.734481244
8070	9/4/2019 9:31:09		-122.361	37.7152				1863.66608	RS-700	-0.369820498
8071	9/4/2019 9:31:10		-122.361	37.7152				1762.54203	RS-700	-0.872925224
8072	9/4/2019 9:31:11		-122.361	37.7152				1786.7239	RS-700	-0.752617413
8073	9/4/2019 9:31:12		-122.361	37.7152				1711.13902	RS-700	-1.128661592
8074	9/4/2019 9:31:13		-122.361	37.7153				1855.94871	RS-700	-0.408215373
8075	9/4/2019 9:31:14		-122.361	37.7153				1842.38137	RS-700	-0.475714577
8076	9/4/2019 9:31:15		-122.361	37.7153				1759.44517	RS-700	-0.888332488
8077	9/4/2019 9:31:16		-122.361	37.7153				1720.36045	RS-700	-1.082783831
8078	9/4/2019 9:31:17		-122.361	37.7153				1849.56773	RS-700	-0.439961542
8079	9/4/2019 9:31:18		-122.361	37.7153				1818.28225	RS-700	-0.595610697
8080	9/4/2019 9:31:19		-122.361	37.7153				1843.72708	RS-700	-0.469019502
8081	9/4/2019 9:31:20		-122.361	37.7153				1868.57598	RS-700	-0.345393134
8082	9/4/2019 9:31:21		-122.361	37.7153				1775.54465	RS-700	-0.808235572
8083	9/4/2019 9:31:22		-122.361	37.7153				1809.00758	RS-700	-0.641753333
8084	9/4/2019 9:31:23		-122.361	37.7153				1862.56734	RS-700	-0.375286866
8085	9/4/2019 9:31:24		-122.361	37.7153				1821.4674	RS-700	-0.579764179
8086	9/4/2019 9:31:25		-122.361	37.7153				1826.65373	RS-700	-0.553961542
8087	9/4/2019 9:31:26		-122.361	37.7153				1801.82705	RS-700	-0.677477363
8088	9/4/2019 9:31:27		-122.361	37.7153				1853.47656	RS-700	-0.420514627
8089	9/4/2019 9:31:28		-122.361	37.7153				1790.55584	RS-700	-0.733553035
8090	9/4/2019 9:31:29		-122.361	37.7153				1794.74018	RS-700	-0.712735423
8091	9/4/2019 9:31:30		-122.361	37.7153				1843.84192	RS-700	-0.468448159
8092	9/4/2019 9:31:31		-122.361	37.7153				1840.75766	RS-700	-0.483792736
8093	9/4/2019 9:31:32		-122.361	37.7153				1814.83352	RS-700	-0.612768557
8094	9/4/2019 9:31:33		-122.361	37.7153				1827.74622	RS-700	-0.548526269
8095	9/4/2019 9:31:34		-122.361	37.7153				1870.38684	RS-700	-0.336383881
8096	9/4/2019 9:31:35		-122.361	37.7153				1838.47024	RS-700	-0.495172935
8097	9/4/2019 9:31:36		-122.361	37.7153				1849.56765	RS-700	-0.43996194
8098	9/4/2019 9:31:37		-122.361	37.7153				1856.57142	RS-700	-0.405117313
8099	9/4/2019 9:31:38		-122.361	37.7153				1858.38806	RS-700	-0.396079303
8100	9/4/2019 9:31:39		-122.361	37.7153				1891.58059	RS-700	-0.230942338
8101	9/4/2019 9:31:40		-122.362	37.7153				1827.92673	RS-700	-0.547628209
8102	9/4/2019 9:31:41		-122.362	37.7153				1839.47873	RS-700	-0.490155572
8103	9/4/2019 9:31:42		-122.362	37.7153				1821.47554	RS-700	-0.579723682
8104	9/4/2019 9:31:43		-122.362	37.7153				1853.19703	RS-700	-0.421905323
8105	9/4/2019 9:31:44		-122.362	37.7153				1763.8072	RS-700	-0.866630846
8106	9/4/2019 9:31:45		-122.362	37.7153				1733.87042	RS-700	-1.01557005
8107	9/4/2019 9:31:46		-122.362	37.7153				1917.39759	RS-700	-0.102499552
8108	9/4/2019 9:31:47		-122.362	37.7153				1852.659	RS-700	-0.42458209
8109	9/4/2019 9:31:48		-122.362	37.7153				1831.02068	RS-700	-0.532235423
8110	9/4/2019 9:31:49		-122.362	37.7153				1911.59332	RS-700	-0.131376517
8111	9/4/2019 9:31:50		-122.362	37.7153				1804.83177	RS-700	-0.662528507
8112	9/4/2019 9:31:51		-122.362	37.7153				1866.57256	RS-700	-0.355360398

Gamma Scan Survey Results
Survey Unit 5 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
8113	9/4/2019 9:31:52		-122.362	37.7153				1880.06486	RS-700	-0.288234527
8114	9/4/2019 9:31:53		-122.362	37.7153				1909.48929	RS-700	-0.141844328
8115	9/4/2019 9:31:54		-122.362	37.7153				1964.31105	RS-700	0.130900746
8116	9/4/2019 9:31:55		-122.362	37.7153				2075.95096	RS-700	0.686323184
8117	9/4/2019 9:31:56		-122.362	37.7153				1969.00716	RS-700	0.154264478
8118	9/4/2019 9:31:57		-122.362	37.7153				1932.49821	RS-700	-0.02737209
8119	9/4/2019 9:31:58		-122.362	37.7153				1862.38567	RS-700	-0.376190697
8120	9/4/2019 9:31:59		-122.362	37.7154				1891.05716	RS-700	-0.233546468
8121	9/4/2019 9:32:00		-122.362	37.7154				1885.10741	RS-700	-0.263147214
8122	9/4/2019 9:32:01		-122.362	37.7154				1895.39278	RS-700	-0.211976219
8123	9/4/2019 9:32:02		-122.362	37.7154				1796.63944	RS-700	-0.703286368
8124	9/4/2019 9:32:03		-122.362	37.7154				1894.43806	RS-700	-0.21672607
8125	9/4/2019 9:32:04		-122.362	37.7154				1899.58948	RS-700	-0.191097114
8126	9/4/2019 9:32:05		-122.362	37.7154				1897.39635	RS-700	-0.202008209
8127	9/4/2019 9:32:06		-122.362	37.7154				1936.08219	RS-700	-0.009541343
8128	9/4/2019 9:32:07		-122.362	37.7154				1912.20317	RS-700	-0.128342438
8129	9/4/2019 9:32:08		-122.362	37.7154				1969.61419	RS-700	0.157284527
8130	9/4/2019 9:32:09		-122.362	37.7154				1942.21248	RS-700	0.020957612
8131	9/4/2019 9:32:10		-122.362	37.7154				1918.68664	RS-700	-0.096086368
8132	9/4/2019 9:32:11		-122.362	37.7154				1920.5915	RS-700	-0.086609453
8133	9/4/2019 9:32:12		-122.362	37.7154				1941.98173	RS-700	0.019809602
8134	9/4/2019 9:32:13		-122.362	37.7154				1990.61175	RS-700	0.26175
8135	9/4/2019 9:32:14		-122.362	37.7154				1991.51616	RS-700	0.266249552
8136	9/4/2019 9:32:15		-122.362	37.7154				1904.76654	RS-700	-0.165340597
8137	9/4/2019 9:32:16		-122.362	37.7154				1871.67478	RS-700	-0.329976219
8138	9/4/2019 9:32:17		-122.362	37.7154				1898.96787	RS-700	-0.194189701
8139	9/4/2019 9:32:18		-122.362	37.7154				1894.39395	RS-700	-0.216945522
8140	9/4/2019 9:32:19		-122.362	37.7154				1951.60842	RS-700	0.067703582
8141	9/4/2019 9:32:20		-122.362	37.7154				2035.83545	RS-700	0.486743532
8142	9/4/2019 9:32:21		-122.362	37.7154				2047.03823	RS-700	0.542478756
8143	9/4/2019 9:32:22		-122.362	37.7154				1930.18187	RS-700	-0.038896169
8144	9/4/2019 9:32:23		-122.362	37.7154				2021.92949	RS-700	0.417559652
8145	9/4/2019 9:32:24		-122.362	37.7154				1985.4147	RS-700	0.23589403
8146	9/4/2019 9:32:25		-122.362	37.7154				1975.4088	RS-700	0.186113433
8147	9/4/2019 9:32:26		-122.362	37.7154				1924.49548	RS-700	-0.067186667
8148	9/4/2019 9:32:27		-122.362	37.7154				1830.28231	RS-700	-0.535908905
8149	9/4/2019 9:32:28		-122.362	37.7154				1879.4868	RS-700	-0.291110448
8150	9/4/2019 9:32:29		-122.362	37.7154				1951.60135	RS-700	0.067668408
8151	9/4/2019 9:32:30		-122.362	37.7155				1870.95844	RS-700	-0.3335401
8152	9/4/2019 9:32:31		-122.362	37.7155				1840.72914	RS-700	-0.483934627
8153	9/4/2019 9:32:32		-122.362	37.7155				1865.48249	RS-700	-0.360783632
8154	9/4/2019 9:32:33		-122.362	37.7155				1901.58463	RS-700	-0.181170995
8155	9/4/2019 9:32:34		-122.362	37.7155				1934.18056	RS-700	-0.019002189
8156	9/4/2019 9:32:35		-122.362	37.7155				1890.67455	RS-700	-0.23545
8157	9/4/2019 9:32:36		-122.362	37.7155				1607.35926	RS-700	-1.644978806
8158	9/4/2019 9:32:37		-122.362	37.7155				1449.18863	RS-700	-2.431897363
8159	9/4/2019 9:32:38		-122.362	37.7155				1516.31256	RS-700	-2.097947463
8160	9/4/2019 9:32:39		-122.362	37.7155				1742.0786	RS-700	-0.974733333
8161	9/4/2019 9:32:40		-122.362	37.7155				1927.99051	RS-700	-0.049798458
8162	9/4/2019 9:32:41		-122.362	37.7155				1947.50441	RS-700	0.047285622
8163	9/4/2019 9:32:42		-122.362	37.7155				1888.67514	RS-700	-0.245397313
8164	9/4/2019 9:32:43		-122.362	37.7155				1985.80805	RS-700	0.237850995
8165	9/4/2019 9:32:44		-122.362	37.7155				2013.72279	RS-700	0.376730299
8166	9/4/2019 9:32:45		-122.362	37.7155				2009.61729	RS-700	0.356304925
8167	9/4/2019 9:32:46		-122.362	37.7155				1969.4035	RS-700	0.156236318
8168	9/4/2019 9:32:47		-122.362	37.7155				2018.92596	RS-700	0.402616716
8169	9/4/2019 9:32:48		-122.362	37.7155				1927.59281	RS-700	-0.051777065
8170	9/4/2019 9:32:49		-122.362	37.7155				1859.93549	RS-700	-0.388380647
8171	9/4/2019 9:32:50		-122.362	37.7155				1982.51001	RS-700	0.221442836
8172	9/4/2019 9:32:51		-122.362	37.7155				1914.97704	RS-700	-0.11454209
8173	9/4/2019 9:32:52		-122.362	37.7155				2030.03713	RS-700	0.457896169

Gamma Scan Survey Results
Survey Unit 5 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
8174	9/4/2019 9:32:53		-122.362	37.7155				2090.32676	RS-700	0.757844577
8175	9/4/2019 9:32:54		-122.362	37.7155				1980.00456	RS-700	0.20897791
8176	9/4/2019 9:32:55		-122.362	37.7156				1951.38955	RS-700	0.066614677
8177	9/4/2019 9:32:56		-122.362	37.7156				1954.60204	RS-700	0.082597214
8178	9/4/2019 9:32:57		-122.362	37.7156				1969.80692	RS-700	0.158243383
8179	9/4/2019 9:32:58		-122.362	37.7156				1945.98719	RS-700	0.039737264
8180	9/4/2019 9:32:59		-122.362	37.7156				1917.49409	RS-700	-0.102019453
8181	9/4/2019 9:33:00		-122.362	37.7156				1799.64973	RS-700	-0.688309801
8182	9/4/2019 9:33:01		-122.362	37.7156				1540.47851	RS-700	-1.977718856
8183	9/4/2019 9:33:02		-122.362	37.7156				1615.1728	RS-700	-1.606105473
8184	9/4/2019 9:33:03		-122.362	37.7156				1460.30255	RS-700	-2.376604229
8185	9/4/2019 9:33:04		-122.362	37.7156				1589.26018	RS-700	-1.73502398
8186	9/4/2019 9:33:05		-122.362	37.7156				1636.17286	RS-700	-1.501627562
8187	9/4/2019 9:33:06		-122.362	37.7156				1929.69215	RS-700	-0.041332587
8188	9/4/2019 9:33:07		-122.362	37.7156				1932.98176	RS-700	-0.024966368
8189	9/4/2019 9:33:08		-122.362	37.7156				1957.90777	RS-700	0.099043632
8190	9/4/2019 9:33:09		-122.362	37.7156				1903.68461	RS-700	-0.170723333
8191	9/4/2019 9:33:10		-122.362	37.7156				1872.75423	RS-700	-0.324605821
8192	9/4/2019 9:33:11		-122.362	37.7156				1950.6949	RS-700	0.063158706
8193	9/4/2019 9:33:12		-122.362	37.7156				1955.49831	RS-700	0.087056269
8194	9/4/2019 9:33:13		-122.362	37.7156				1886.20187	RS-700	-0.257702139
8195	9/4/2019 9:33:14		-122.362	37.7156				1818.47078	RS-700	-0.594672736
8196	9/4/2019 9:33:15		-122.362	37.7156				1821.895	RS-700	-0.577636816
8197	9/4/2019 9:33:16		-122.362	37.7156				1882.39015	RS-700	-0.27666592
8198	9/4/2019 9:33:17		-122.362	37.7156				1870.94157	RS-700	-0.33362403
8199	9/4/2019 9:33:18		-122.362	37.7156				1948.50455	RS-700	0.052261443
8200	9/4/2019 9:33:19		-122.362	37.7156				1876.48553	RS-700	-0.306042139
8201	9/4/2019 9:33:20		-122.362	37.7156				1775.72414	RS-700	-0.807342587
8202	9/4/2019 9:33:21		-122.362	37.7156				1887.48909	RS-700	-0.25129806
8203	9/4/2019 9:33:22		-122.362	37.7156				1845.93623	RS-700	-0.458028706
8204	9/4/2019 9:33:23		-122.362	37.7156				1911.58646	RS-700	-0.131410647
8205	9/4/2019 9:33:24		-122.362	37.7156				1994.81477	RS-700	0.282660547
8206	9/4/2019 9:33:25		-122.362	37.7156				1966.29589	RS-700	0.140775572
8207	9/4/2019 9:33:26		-122.362	37.7156				2038.43085	RS-700	0.49965597
8208	9/4/2019 9:33:27		-122.362	37.7156				2129.08008	RS-700	0.950647164
8209	9/4/2019 9:33:28		-122.362	37.7156				2042.03711	RS-700	0.517597562
8210	9/4/2019 9:33:29		-122.362	37.7156				2124.86521	RS-700	0.929677662
8211	9/4/2019 9:33:30		-122.362	37.7156				2166.67619	RS-700	1.137692488
8212	9/4/2019 9:33:31		-122.362	37.7156				2110.32133	RS-700	0.85732005
8213	9/4/2019 9:33:32		-122.362	37.7156				2105.44152	RS-700	0.833042388
8214	9/4/2019 9:33:33		-122.362	37.7156				2212.22901	RS-700	1.364323433
8215	9/4/2019 9:33:34		-122.362	37.7156				2215.6831	RS-700	1.38150796
8216	9/4/2019 9:33:35		-122.362	37.7156				2304.16605	RS-700	1.821721642
8217	9/4/2019 9:33:36		-122.362	37.7156				2285.93354	RS-700	1.731012637
8218	9/4/2019 9:33:37		-122.362	37.7156				2223.69896	RS-700	1.421387861
8219	9/4/2019 9:33:38		-122.362	37.7156				2334.6072	RS-700	1.973170149
8220	9/4/2019 9:33:39		-122.362	37.7156				2237.80088	RS-700	1.491546667
8221	9/4/2019 9:33:40		-122.362	37.7156				2145.66088	RS-700	1.033138706
8222	9/4/2019 9:33:41		-122.362	37.7156				2132.44094	RS-700	0.967367861
8223	9/4/2019 9:33:42		-122.362	37.7156				2193.23114	RS-700	1.269806667
8224	9/4/2019 9:33:43		-122.362	37.7156				2251.15328	RS-700	1.557976517
8225	9/4/2019 9:33:44		-122.362	37.7156				2244.58845	RS-700	1.525315672
8226	9/4/2019 9:33:45		-122.362	37.7156				2395.73932	RS-700	2.27731005
8227	9/4/2019 9:33:46		-122.362	37.7156				2367.20535	RS-700	2.13535
8228	9/4/2019 9:33:47		-122.362	37.7156				2434.34718	RS-700	2.469388955
8229	9/4/2019 9:33:48		-122.362	37.7156				2305.42496	RS-700	1.827984876
8230	9/4/2019 9:33:49		-122.362	37.7156				2391.86533	RS-700	2.258036468
8231	9/4/2019 9:33:50		-122.362	37.7156				2353.84662	RS-700	2.068888657
8232	9/4/2019 9:33:51		-122.362	37.7156				2428.35473	RS-700	2.439575771
8233	9/4/2019 9:33:52		-122.362	37.7156				2400.23322	RS-700	2.299667761
8234	9/4/2019 9:33:53		-122.362	37.7156				2365.20524	RS-700	2.125399204

Gamma Scan Survey Results
Survey Unit 5 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
8235	9/4/2019 9:33:54		-122.362	37.7156				2386.32469	RS-700	2.230471095
8236	9/4/2019 9:33:55		-122.362	37.7156				2471.62783	RS-700	2.654864826
8237	9/4/2019 9:33:56		-122.362	37.7156				2447.37513	RS-700	2.534204627
8238	9/4/2019 9:33:57		-122.362	37.7156				2465.00913	RS-700	2.62193597
8239	9/4/2019 9:33:58		-122.362	37.7156				2491.90781	RS-700	2.755760249
8240	9/4/2019 9:33:59		-122.362	37.7156				2433.62057	RS-700	2.46577398
8241	9/4/2019 9:34:00		-122.362	37.7156				2452.92188	RS-700	2.561800398
8242	9/4/2019 9:34:01		-122.362	37.7156				2425.58885	RS-700	2.425815174
8243	9/4/2019 9:34:02		-122.362	37.7156				2451.3828	RS-700	2.554143284
8244	9/4/2019 9:34:03		-122.362	37.7156				2488.14654	RS-700	2.737047463
8245	9/4/2019 9:34:04		-122.362	37.7156				2304.51648	RS-700	1.823465075
8246	9/4/2019 9:34:05		-122.362	37.7156				2395.0875	RS-700	2.274067164
8247	9/4/2019 9:34:06		-122.362	37.7156				2384.0969	RS-700	2.219387562
8248	9/4/2019 9:34:07		-122.362	37.7156				2430.11829	RS-700	2.448349701
8249	9/4/2019 9:34:08		-122.362	37.7156				2364.85178	RS-700	2.123640697
8250	9/4/2019 9:34:09		-122.362	37.7156				2351.61107	RS-700	2.057766517
8251	9/4/2019 9:34:10		-122.362	37.7156				2278.13424	RS-700	1.692210149
8252	9/4/2019 9:34:11		-122.362	37.7156				2398.30861	RS-700	2.290092587
8253	9/4/2019 9:34:12		-122.362	37.7156				2385.32038	RS-700	2.225474527
8254	9/4/2019 9:34:13		-122.362	37.7156				2490.12244	RS-700	2.746877811
8255	9/4/2019 9:34:14		-122.362	37.7156				2429.10855	RS-700	2.443326119
8256	9/4/2019 9:34:15		-122.362	37.7156				2388.13649	RS-700	2.239485025
8257	9/4/2019 9:34:16		-122.362	37.7156				2424.47747	RS-700	2.42028592
8258	9/4/2019 9:34:17		-122.362	37.7156				2468.51122	RS-700	2.639359303
8259	9/4/2019 9:34:18		-122.362	37.7156				2323.31275	RS-700	1.916978856
8260	9/4/2019 9:34:19		-122.362	37.7156				2371.34131	RS-700	2.155926915
8261	9/4/2019 9:34:20		-122.362	37.7156				2443.49781	RS-700	2.514914478
8262	9/4/2019 9:34:21		-122.362	37.7156				2425.23762	RS-700	2.424067761
8263	9/4/2019 9:34:22		-122.362	37.7156				2372.84561	RS-700	2.163410995
8264	9/4/2019 9:34:23		-122.362	37.7156				2415.84497	RS-700	2.377338159
8265	9/4/2019 9:34:24		-122.362	37.7156				2459.4849	RS-700	2.594452239
8266	9/4/2019 9:34:25		-122.362	37.7156				2466.50536	RS-700	2.629379901
8267	9/4/2019 9:34:26		-122.362	37.7156				2508.6246	RS-700	2.838928358
8268	9/4/2019 9:34:27		-122.362	37.7156				2436.50339	RS-700	2.480116368
8269	9/4/2019 9:34:28		-122.362	37.7156				2454.38863	RS-700	2.569097662
8270	9/4/2019 9:34:29		-122.362	37.7156				2433.22154	RS-700	2.463788756
8271	9/4/2019 9:34:30		-122.362	37.7156				2460.52293	RS-700	2.599616567
8272	9/4/2019 9:34:31		-122.362	37.7156				2429.25286	RS-700	2.44404408
8273	9/4/2019 9:34:32		-122.362	37.7156				2367.18671	RS-700	2.135257264
8274	9/4/2019 9:34:33		-122.362	37.7156				2351.02187	RS-700	2.054835174
8275	9/4/2019 9:34:34		-122.362	37.7156				2387.74671	RS-700	2.237545821
8276	9/4/2019 9:34:35		-122.362	37.7156				2375.72963	RS-700	2.177759353
8277	9/4/2019 9:34:36		-122.362	37.7156				2450.01889	RS-700	2.547357662
8278	9/4/2019 9:34:37		-122.362	37.7156				2391.21067	RS-700	2.254779453
8279	9/4/2019 9:34:38		-122.362	37.7156				2391.33161	RS-700	2.255381144
8280	9/4/2019 9:34:39		-122.362	37.7156				2462.9076	RS-700	2.611480597
8281	9/4/2019 9:34:40		-122.362	37.7156				2381.98643	RS-700	2.208887711
8282	9/4/2019 9:34:41		-122.362	37.7156				2494.53935	RS-700	2.768852488
8283	9/4/2019 9:34:42		-122.362	37.7156				2377.86035	RS-700	2.18835995
8284	9/4/2019 9:34:43		-122.362	37.7156				2376.35431	RS-700	2.180867214
8285	9/4/2019 9:34:44		-122.362	37.7156				2412.22536	RS-700	2.359330149
8286	9/4/2019 9:34:45		-122.362	37.7156				2347.20178	RS-700	2.035829751
8287	9/4/2019 9:34:46		-122.362	37.7156				2406.84118	RS-700	2.332543184
8288	9/4/2019 9:34:47		-122.362	37.7156				2322.0707	RS-700	1.910799502
8289	9/4/2019 9:34:48		-122.362	37.7156				2421.22166	RS-700	2.404087861
8290	9/4/2019 9:34:49		-122.362	37.7156				2516.74363	RS-700	2.879321542
8291	9/4/2019 9:34:50		-122.362	37.7156				2478.49057	RS-700	2.689007811
8292	9/4/2019 9:34:51		-122.362	37.7156				2447.12681	RS-700	2.532969204
8293	9/4/2019 9:34:52		-122.362	37.7156				2305.75611	RS-700	1.829632388
8294	9/4/2019 9:34:53		-122.362	37.7156				2405.58576	RS-700	2.326297313
8295	9/4/2019 9:34:54		-122.362	37.7156				2420.49504	RS-700	2.400472836

Gamma Scan Survey Results
Survey Unit 5 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
8296	9/4/2019 9:34:55		-122.362	37.7156				2382.99417	RS-700	2.213901343
8297	9/4/2019 9:34:56		-122.362	37.7156				2426.62924	RS-700	2.430991244
8298	9/4/2019 9:34:57		-122.362	37.7156				2370.96674	RS-700	2.154063383
8299	9/4/2019 9:34:58		-122.362	37.7156				2453.49944	RS-700	2.564673831
8300	9/4/2019 9:34:59		-122.362	37.7156				2441.48481	RS-700	2.504899552
8301	9/4/2019 9:35:00		-122.362	37.7156				2369.60287	RS-700	2.14727796
8302	9/4/2019 9:35:01		-122.362	37.7156				2431.135	RS-700	2.45340796
8303	9/4/2019 9:35:02		-122.362	37.7156				2411.23825	RS-700	2.354419154
8304	9/4/2019 9:35:03		-122.362	37.7156				2372.60598	RS-700	2.162218806
8305	9/4/2019 9:35:04		-122.362	37.7156				2281.82021	RS-700	1.710548308
8306	9/4/2019 9:35:05		-122.362	37.7156				2418.60868	RS-700	2.39108796
8307	9/4/2019 9:35:06		-122.362	37.7156				2406.01499	RS-700	2.328432786
8308	9/4/2019 9:35:07		-122.362	37.7156				2433.50939	RS-700	2.465220846
8309	9/4/2019 9:35:08		-122.362	37.7156				2380.70296	RS-700	2.202502289
8310	9/4/2019 9:35:09		-122.362	37.7156				2336.67308	RS-700	1.983448159
8311	9/4/2019 9:35:10		-122.362	37.7156				2447.14174	RS-700	2.533043483
8312	9/4/2019 9:35:11		-122.362	37.7156				2523.67408	RS-700	2.913801393
8313	9/4/2019 9:35:12		-122.362	37.7156				2381.21991	RS-700	2.205074179
8314	9/4/2019 9:35:13		-122.362	37.7156				2341.45372	RS-700	2.007232438
8315	9/4/2019 9:35:14		-122.362	37.7156				2408.87414	RS-700	2.342657413
8316	9/4/2019 9:35:15		-122.362	37.7156				2369.80773	RS-700	2.148297164
8317	9/4/2019 9:35:16		-122.362	37.7156				2414.50702	RS-700	2.370681692
8318	9/4/2019 9:35:17		-122.362	37.7156				2432.38489	RS-700	2.459626318
8319	9/4/2019 9:35:18		-122.362	37.7156				2451.37471	RS-700	2.554103035
8320	9/4/2019 9:35:19		-122.362	37.7156				2322.5511	RS-700	1.913189552
8321	9/4/2019 9:35:20		-122.362	37.7156				2399.21907	RS-700	2.294622239
8322	9/4/2019 9:35:21		-122.362	37.7156				2419.37181	RS-700	2.394884627
8323	9/4/2019 9:35:22		-122.362	37.7156				2382.73293	RS-700	2.212601642
8324	9/4/2019 9:35:23		-122.362	37.7156				2446.75248	RS-700	2.531106866
8325	9/4/2019 9:35:24		-122.362	37.7156				2477.75301	RS-700	2.685338358
8326	9/4/2019 9:35:25		-122.362	37.7156				2401.10219	RS-700	2.303990995
8327	9/4/2019 9:35:26		-122.362	37.7156				2391.31242	RS-700	2.255285672
8328	9/4/2019 9:35:27		-122.362	37.7156				2385.85089	RS-700	2.228113881
8329	9/4/2019 9:35:28		-122.362	37.7156				2465.17052	RS-700	2.622738905
8330	9/4/2019 9:35:29		-122.362	37.7156				2391.2221	RS-700	2.254836318
8331	9/4/2019 9:35:30		-122.362	37.7156				2394.73848	RS-700	2.272330746
8332	9/4/2019 9:35:31		-122.362	37.7156				2466.39998	RS-700	2.628855622
8333	9/4/2019 9:35:32		-122.362	37.7156				2487.63161	RS-700	2.734485622
8334	9/4/2019 9:35:33		-122.362	37.7156				2372.84566	RS-700	2.163411244
8335	9/4/2019 9:35:34		-122.362	37.7156				2399.43618	RS-700	2.295702388
8336	9/4/2019 9:35:35		-122.362	37.7156				2474.73659	RS-700	2.670331294
8337	9/4/2019 9:35:36		-122.362	37.7156				2320.77422	RS-700	1.904349353
8338	9/4/2019 9:35:37		-122.362	37.7156				2446.55032	RS-700	2.530101095
8339	9/4/2019 9:35:38		-122.362	37.7156				2452.63294	RS-700	2.560362886
8340	9/4/2019 9:35:39		-122.362	37.7156				2376.98567	RS-700	2.184008308
8341	9/4/2019 9:35:40		-122.362	37.7156				2396.98738	RS-700	2.283519303
8342	9/4/2019 9:35:41		-122.362	37.7156				2385.32097	RS-700	2.225477463
8343	9/4/2019 9:35:42		-122.362	37.7156				2325.87865	RS-700	1.929744527
8344	9/4/2019 9:35:43		-122.362	37.7156				2366.42849	RS-700	2.131485025
8345	9/4/2019 9:35:44		-122.362	37.7156				2453.64013	RS-700	2.565373781
8346	9/4/2019 9:35:45		-122.362	37.7156				2338.8415	RS-700	1.994236318
8347	9/4/2019 9:35:46		-122.362	37.7156				2381.63327	RS-700	2.207130697
8348	9/4/2019 9:35:47		-122.362	37.7156				2367.85806	RS-700	2.138597313
8349	9/4/2019 9:35:48		-122.362	37.7156				2333.56105	RS-700	1.967965423
8350	9/4/2019 9:35:49		-122.362	37.7156				2269.26193	RS-700	1.648069303
8351	9/4/2019 9:35:50		-122.362	37.7156				2289.59719	RS-700	1.749239751
8352	9/4/2019 9:35:51		-122.362	37.7156				2441.86579	RS-700	2.506794975
8353	9/4/2019 9:35:52		-122.362	37.7156				2416.34153	RS-700	2.379808607
8354	9/4/2019 9:35:53		-122.362	37.7156				2411.13003	RS-700	2.353880746
8355	9/4/2019 9:35:54		-122.362	37.7156				2418.74386	RS-700	2.391760498
8356	9/4/2019 9:35:55		-122.362	37.7156				2385.30575	RS-700	2.225401741

Gamma Scan Survey Results
Survey Unit 5 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
8357	9/4/2019 9:35:56		-122.362	37.7156				2330.62286	RS-700	1.953347562
8358	9/4/2019 9:35:57		-122.362	37.7156				2275.16822	RS-700	1.677453831
8359	9/4/2019 9:35:58		-122.362	37.7156				2389.5992	RS-700	2.246762189
8360	9/4/2019 9:35:59		-122.362	37.7156				2405.97838	RS-700	2.328250647
8361	9/4/2019 9:36:00		-122.362	37.7156				2386.37394	RS-700	2.230716119
8362	9/4/2019 9:36:01		-122.362	37.7156				2394.49591	RS-700	2.27112393
8363	9/4/2019 9:36:02		-122.362	37.7156				2430.20663	RS-700	2.448789204
8364	9/4/2019 9:36:03		-122.362	37.7156				2405.4739	RS-700	2.325740796
8365	9/4/2019 9:36:04		-122.362	37.7156				2361.1955	RS-700	2.105450249
8366	9/4/2019 9:36:05		-122.362	37.7156				2457.00055	RS-700	2.582092289
8367	9/4/2019 9:36:06		-122.362	37.7156				2375.94319	RS-700	2.178821841
8368	9/4/2019 9:36:07		-122.362	37.7156				2471.99972	RS-700	2.656715025
8369	9/4/2019 9:36:08		-122.362	37.7156				2430.99956	RS-700	2.452734129
8370	9/4/2019 9:36:09		-122.362	37.7156				2402.97881	RS-700	2.313327413
8371	9/4/2019 9:36:10		-122.362	37.7156				2405.72954	RS-700	2.327012637
8372	9/4/2019 9:36:11		-122.362	37.7156				2405.98067	RS-700	2.32826204
8373	9/4/2019 9:36:12		-122.362	37.7156				2399.97783	RS-700	2.298397164
8374	9/4/2019 9:36:13		-122.362	37.7156				2468.51146	RS-700	2.639360498
8375	9/4/2019 9:36:14		-122.362	37.7156				2401.86805	RS-700	2.307801244
8376	9/4/2019 9:36:15		-122.362	37.7156				2367.60064	RS-700	2.137316617
8377	9/4/2019 9:36:16		-122.362	37.7156				2439.09994	RS-700	2.493034527
8378	9/4/2019 9:36:17		-122.362	37.7156				2498.51833	RS-700	2.788648408
8379	9/4/2019 9:36:18		-122.362	37.7156				2458.87186	RS-700	2.591402289
8380	9/4/2019 9:36:19		-122.362	37.7156				2375.96763	RS-700	2.178943433
8381	9/4/2019 9:36:20		-122.362	37.7156				2443.65097	RS-700	2.515676468
8382	9/4/2019 9:36:21		-122.362	37.7156				2420.02894	RS-700	2.39815393
8383	9/4/2019 9:36:22		-122.362	37.7156				2423.62309	RS-700	2.416035274
8384	9/4/2019 9:36:23		-122.362	37.7156				2403.07521	RS-700	2.313807015
8385	9/4/2019 9:36:24		-122.362	37.7156				2393.85239	RS-700	2.267922338
8386	9/4/2019 9:36:25		-122.362	37.7156				2429.50948	RS-700	2.445320796
8387	9/4/2019 9:36:26		-122.362	37.7156				2379.22133	RS-700	2.195130995
8388	9/4/2019 9:36:27		-122.362	37.7156				2436.24778	RS-700	2.478844677
8389	9/4/2019 9:36:28		-122.362	37.7156				2404.45849	RS-700	2.320689005
8390	9/4/2019 9:36:29		-122.362	37.7156				2400.31917	RS-700	2.300095373
8391	9/4/2019 9:36:30		-122.362	37.7156				2477.90598	RS-700	2.686099403
8392	9/4/2019 9:36:31		-122.362	37.7156				2357.21107	RS-700	2.085627214
8393	9/4/2019 9:36:32		-122.362	37.7156				2402.87487	RS-700	2.312810299
8394	9/4/2019 9:36:33		-122.362	37.7156				2410.75165	RS-700	2.351998259
8395	9/4/2019 9:36:34		-122.362	37.7156				2416.22938	RS-700	2.379250647
8396	9/4/2019 9:36:35		-122.362	37.7156				2382.10146	RS-700	2.20946
8397	9/4/2019 9:36:36		-122.362	37.7156				2413.61824	RS-700	2.366259901
8398	9/4/2019 9:36:37		-122.362	37.7156				2348.72408	RS-700	2.043403383
8399	9/4/2019 9:36:38		-122.362	37.7156				2407.23331	RS-700	2.33449408
8400	9/4/2019 9:36:39		-122.362	37.7156				2540.03321	RS-700	2.9951901
8401	9/4/2019 9:36:40		-122.362	37.7156				2424.47446	RS-700	2.420270945
8402	9/4/2019 9:36:41		-122.362	37.7156				2409.604	RS-700	2.346288557
8403	9/4/2019 9:36:42		-122.362	37.7156				2394.70655	RS-700	2.272171891
8404	9/4/2019 9:36:43		-122.362	37.7157				2335.18578	RS-700	1.976048657
8405	9/4/2019 9:36:44		-122.362	37.7157				2267.02138	RS-700	1.636922289
8406	9/4/2019 9:36:45		-122.362	37.7157				2294.0428	RS-700	1.771357214
8407	9/4/2019 9:36:46		-122.362	37.7157				2223.57549	RS-700	1.420773582
8408	9/4/2019 9:36:47		-122.362	37.7157				2166.99711	RS-700	1.139289104
8409	9/4/2019 9:36:48		-122.362	37.7157				2113.05144	RS-700	0.870902687
8410	9/4/2019 9:36:49		-122.362	37.7157				1969.22094	RS-700	0.15532806
8411	9/4/2019 9:36:50		-122.362	37.7157				2068.95142	RS-700	0.651499602
8412	9/4/2019 9:36:51		-122.362	37.7157				2147.096	RS-700	1.040278607
8413	9/4/2019 9:36:52		-122.362	37.7157				2129.53857	RS-700	0.952928209
8414	9/4/2019 9:36:53		-122.362	37.7157				2110.75876	RS-700	0.859496318
8415	9/4/2019 9:36:54		-122.362	37.7157				2085.23485	RS-700	0.732511692
8416	9/4/2019 9:36:55		-122.362	37.7157				2062.7512	RS-700	0.620652736
8417	9/4/2019 9:36:56		-122.362	37.7157				2066.53226	RS-700	0.63946398

Gamma Scan Survey Results
Survey Unit 5 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
8418	9/4/2019 9:36:57		-122.362	37.7157				1995.42283	RS-700	0.285685721
8419	9/4/2019 9:36:58		-122.362	37.7157				2031.21769	RS-700	0.463769602
8420	9/4/2019 9:36:59		-122.362	37.7157				1994.71176	RS-700	0.28214806
8421	9/4/2019 9:37:00		-122.362	37.7157				1990.81349	RS-700	0.262753682
8422	9/4/2019 9:37:01		-122.362	37.7157				2061.83237	RS-700	0.616081443
8423	9/4/2019 9:37:02		-122.362	37.7157				1990.51613	RS-700	0.261274279
8424	9/4/2019 9:37:03		-122.362	37.7157				2057.62919	RS-700	0.5951701
8425	9/4/2019 9:37:04		-122.362	37.7157				1992.21096	RS-700	0.269706269
8426	9/4/2019 9:37:05		-122.362	37.7157				2046.73523	RS-700	0.540971294
8427	9/4/2019 9:37:06		-122.362	37.7158				1992.3184	RS-700	0.270240796
8428	9/4/2019 9:37:07		-122.362	37.7158				2042.93427	RS-700	0.522061045
8429	9/4/2019 9:37:08		-122.362	37.7158				2034.63093	RS-700	0.480750896
8430	9/4/2019 9:37:09		-122.362	37.7158				2037.42175	RS-700	0.494635572
8431	9/4/2019 9:37:10		-122.362	37.7158				2065.73992	RS-700	0.63552199
8432	9/4/2019 9:37:11		-122.362	37.7158				2011.61158	RS-700	0.366226766
8433	9/4/2019 9:37:12		-122.362	37.7158				2072.74529	RS-700	0.670374577
8434	9/4/2019 9:37:13		-122.362	37.7158				2086.74477	RS-700	0.740023731
8435	9/4/2019 9:37:14		-122.362	37.7158				2040.61751	RS-700	0.510534876
8436	9/4/2019 9:37:15		-122.362	37.7158				2057.46477	RS-700	0.59435209
8437	9/4/2019 9:37:16		-122.362	37.7158				2001.92002	RS-700	0.31801005
8438	9/4/2019 9:37:17		-122.362	37.7158				2056.8377	RS-700	0.591232338
8439	9/4/2019 9:37:18		-122.362	37.7158				2142.65974	RS-700	1.018207662
8440	9/4/2019 9:37:19		-122.362	37.7158				2130.86999	RS-700	0.959552189
8441	9/4/2019 9:37:20		-122.362	37.7158				2090.53742	RS-700	0.758892637
8442	9/4/2019 9:37:21		-122.362	37.7158				2066.94374	RS-700	0.641511144
8443	9/4/2019 9:37:22		-122.362	37.7158				1975.71417	RS-700	0.187632687
8444	9/4/2019 9:37:23		-122.362	37.7158				2098.43793	RS-700	0.798198657
8445	9/4/2019 9:37:24		-122.362	37.7158				2082.47711	RS-700	0.718791592
8446	9/4/2019 9:37:25		-122.362	37.7158				2156.65579	RS-700	1.087839751
8447	9/4/2019 9:37:26		-122.362	37.7158				2078.74402	RS-700	0.700219005
8448	9/4/2019 9:37:27		-122.362	37.7158				2028.93176	RS-700	0.452396816
8449	9/4/2019 9:37:28		-122.362	37.7158				2145.45966	RS-700	1.032137612
8450	9/4/2019 9:37:29		-122.362	37.7158				2086.38335	RS-700	0.738225622
8451	9/4/2019 9:37:30		-122.362	37.7158				1988.40746	RS-700	0.250783383
8452	9/4/2019 9:37:31		-122.362	37.7158				1978.00817	RS-700	0.199045622
8453	9/4/2019 9:37:32		-122.362	37.7158				2031.23507	RS-700	0.46385607
8454	9/4/2019 9:37:33		-122.362	37.7158				1976.80562	RS-700	0.193062786
8455	9/4/2019 9:37:34		-122.362	37.7158				1991.71669	RS-700	0.267247214
8456	9/4/2019 9:37:35		-122.362	37.7158				2035.9318	RS-700	0.487222886
8457	9/4/2019 9:37:36		-122.362	37.7158				2025.72805	RS-700	0.43645796
8458	9/4/2019 9:37:37		-122.362	37.7158				1943.40816	RS-700	0.026906269
8459	9/4/2019 9:37:38		-122.362	37.7158				2014.13008	RS-700	0.378756617
8460	9/4/2019 9:37:39		-122.362	37.7158				2062.53406	RS-700	0.619572438
8461	9/4/2019 9:37:40		-122.362	37.7158				2034.42207	RS-700	0.479711791
8462	9/4/2019 9:37:41		-122.362	37.7158				2016.7175	RS-700	0.391629353
8463	9/4/2019 9:37:42		-122.362	37.7158				2049.1482	RS-700	0.552976119
8464	9/4/2019 9:37:43		-122.362	37.7158				2060.73861	RS-700	0.610639851
8465	9/4/2019 9:37:44		-122.362	37.7158				1982.50708	RS-700	0.221428259
8466	9/4/2019 9:37:45		-122.362	37.7158				1967.40712	RS-700	0.14630408
8467	9/4/2019 9:37:46		-122.362	37.7158				1981.80121	RS-700	0.217916468
8468	9/4/2019 9:37:47		-122.362	37.7158				1924.59963	RS-700	-0.066668507
8469	9/4/2019 9:37:48		-122.362	37.7158				1958.79958	RS-700	0.103480498
8470	9/4/2019 9:37:49		-122.362	37.7158				2039.03036	RS-700	0.502638607
8471	9/4/2019 9:37:50		-122.362	37.7158				2055.04071	RS-700	0.58229209
8472	9/4/2019 9:37:51		-122.362	37.7158				2045.24322	RS-700	0.533548358
8473	9/4/2019 9:37:52		-122.362	37.7158				1952.79305	RS-700	0.073597264
8474	9/4/2019 9:37:53		-122.362	37.7158				1988.91212	RS-700	0.253294129
8475	9/4/2019 9:37:54		-122.362	37.7158				2045.93379	RS-700	0.53698403
8476	9/4/2019 9:37:55		-122.362	37.7158				1926.7895	RS-700	-0.055773632
8477	9/4/2019 9:37:56		-122.362	37.7158				2019.1157	RS-700	0.403560697
8478	9/4/2019 9:37:57		-122.362	37.7158				1997.71833	RS-700	0.297106119

Gamma Scan Survey Results
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SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
8479	9/4/2019 9:37:58		-122.362	37.7158				2005.71708	RS-700	0.336900896
8480	9/4/2019 9:37:59		-122.362	37.7158				2020.50952	RS-700	0.410495124
8481	9/4/2019 9:38:00		-122.362	37.7158				2002.01549	RS-700	0.318485025
8482	9/4/2019 9:38:01		-122.362	37.7158				1984.78688	RS-700	0.232770547
8483	9/4/2019 9:38:02		-122.362	37.7158				1952.08778	RS-700	0.070088458
8484	9/4/2019 9:38:03		-122.362	37.7158				1932.69268	RS-700	-0.026404577
8485	9/4/2019 9:38:04		-122.362	37.7158				1939.32514	RS-700	0.006592736
8486	9/4/2019 9:38:05		-122.362	37.7158				1926.97143	RS-700	-0.054868507
8487	9/4/2019 9:38:06		-122.362	37.7158				1933.38325	RS-700	-0.022968905
8488	9/4/2019 9:38:07		-122.362	37.7158				1867.76159	RS-700	-0.349444826
8489	9/4/2019 9:38:08		-122.362	37.7158				1959.8936	RS-700	0.108923383
8490	9/4/2019 9:38:09		-122.362	37.7158				2015.80471	RS-700	0.387088109
8491	9/4/2019 9:38:10		-122.362	37.7158				1898.6343	RS-700	-0.195849254
8492	9/4/2019 9:38:11		-122.362	37.7158				1715.61082	RS-700	-1.106413831
8493	9/4/2019 9:38:12		-122.362	37.7158				1750.7992	RS-700	-0.931347264
8494	9/4/2019 9:38:13		-122.362	37.7158				1755.53731	RS-700	-0.907774577
8495	9/4/2019 9:38:14		-122.362	37.7158				1684.43691	RS-700	-1.26150791
8496	9/4/2019 9:38:15		-122.362	37.7158				1668.60695	RS-700	-1.34026393
8497	9/4/2019 9:38:16		-122.362	37.7159				1713.51068	RS-700	-1.116862289
8498	9/4/2019 9:38:17		-122.362	37.7159				1743.27542	RS-700	-0.968779005
8499	9/4/2019 9:38:18		-122.362	37.7159				1783.64192	RS-700	-0.767950647
8500	9/4/2019 9:38:19		-122.362	37.7159				1870.29305	RS-700	-0.336850498
8501	9/4/2019 9:38:20		-122.362	37.7159				1850.78607	RS-700	-0.433900149
8502	9/4/2019 9:38:21		-122.362	37.7159				1908.29824	RS-700	-0.14776995
8503	9/4/2019 9:38:22		-122.362	37.7159				1931.49734	RS-700	-0.032351542
8504	9/4/2019 9:38:23		-122.362	37.7159				1926.88229	RS-700	-0.05531199
8505	9/4/2019 9:38:24		-122.362	37.7159				1957.5061	RS-700	0.097045274
8506	9/4/2019 9:38:25		-122.362	37.7159				1967.91551	RS-700	0.148833383
8507	9/4/2019 9:38:26		-122.362	37.7159				1966.70452	RS-700	0.142808557
8508	9/4/2019 9:38:27		-122.362	37.7159				1825.46081	RS-700	-0.559896468
8509	9/4/2019 9:38:28		-122.363	37.7159				1977.81201	RS-700	0.198069701
8510	9/4/2019 9:38:29		-122.363	37.7159				1928.69509	RS-700	-0.046293085
8511	9/4/2019 9:38:30		-122.363	37.7159				1948.70431	RS-700	0.053255274
8512	9/4/2019 9:38:31		-122.363	37.7159				2012.52118	RS-700	0.370752139
8513	9/4/2019 9:38:32		-122.363	37.7159				1924.45956	RS-700	-0.067365373
8514	9/4/2019 9:38:33		-122.363	37.7159				2054.15671	RS-700	0.57789408
8515	9/4/2019 9:38:34		-122.363	37.7159				1886.58178	RS-700	-0.25581204
8516	9/4/2019 9:38:35		-122.363	37.7159				2049.14883	RS-700	0.552979254
8517	9/4/2019 9:38:36		-122.363	37.7159				2043.72522	RS-700	0.525996119
8518	9/4/2019 9:38:37		-122.363	37.7159				2141.44581	RS-700	1.012168209
8519	9/4/2019 9:38:38		-122.363	37.716				2047.24555	RS-700	0.543510199
8520	9/4/2019 9:38:39		-122.363	37.716				1983.79003	RS-700	0.227811095
8521	9/4/2019 9:38:40		-122.363	37.716				2139.33229	RS-700	1.001653184
8522	9/4/2019 9:38:41		-122.363	37.716				2032.62623	RS-700	0.470777264
8523	9/4/2019 9:38:42		-122.363	37.716				2023.82028	RS-700	0.426966567
8524	9/4/2019 9:38:43		-122.363	37.716				1987.91086	RS-700	0.248312736
8525	9/4/2019 9:38:44		-122.363	37.716				2064.84243	RS-700	0.631056866
8526	9/4/2019 9:38:45		-122.363	37.716				2129.29455	RS-700	0.951714179
8527	9/4/2019 9:38:46		-122.363	37.716				2037.23048	RS-700	0.49368398
8528	9/4/2019 9:38:47		-122.363	37.716				2018.71446	RS-700	0.401564478
8529	9/4/2019 9:38:48		-122.363	37.716				2031.42208	RS-700	0.464786468
8530	9/4/2019 9:38:49		-122.363	37.716				2081.22175	RS-700	0.71254602
8531	9/4/2019 9:38:50		-122.363	37.716				2022.8226	RS-700	0.422002985
8532	9/4/2019 9:38:51		-122.363	37.716				2082.74881	RS-700	0.720143333
8533	9/4/2019 9:38:52		-122.363	37.716				2014.32454	RS-700	0.37972408
8534	9/4/2019 9:38:53		-122.363	37.716				2014.61974	RS-700	0.381192736
8535	9/4/2019 9:38:54		-122.363	37.716				1994.91359	RS-700	0.283152189
8536	9/4/2019 9:38:55		-122.363	37.716				1953.10523	RS-700	0.075150398
8537	9/4/2019 9:38:56		-122.363	37.716				2063.0514	RS-700	0.622146269
8538	9/4/2019 9:38:57		-122.363	37.716				2052.32119	RS-700	0.568762139
8539	9/4/2019 9:38:58		-122.363	37.716				2028.21809	RS-700	0.448846219

Gamma Scan Survey Results
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SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
8540	9/4/2019 9:38:59		-122.363	37.716				1973.08929	RS-700	0.174573582
8541	9/4/2019 9:39:00		-122.363	37.716				1786.45357	RS-700	-0.753962338
8542	9/4/2019 9:39:01		-122.363	37.716				1985.80174	RS-700	0.237819602
8543	9/4/2019 9:39:02		-122.363	37.716				2012.01483	RS-700	0.368232985
8544	9/4/2019 9:39:03		-122.363	37.716				2039.03418	RS-700	0.502657612
8545	9/4/2019 9:39:04		-122.363	37.716				1956.27929	RS-700	0.090941741
8546	9/4/2019 9:39:05		-122.363	37.716				2080.63863	RS-700	0.709644925
8547	9/4/2019 9:39:06		-122.363	37.7161				2038.7368	RS-700	0.501178109
8548	9/4/2019 9:39:07		-122.363	37.7161				2057.35476	RS-700	0.593804776
8549	9/4/2019 9:39:08		-122.363	37.7161				2025.51888	RS-700	0.435417313
8550	9/4/2019 9:39:09		-122.363	37.7161				2028.14238	RS-700	0.448469552
8551	9/4/2019 9:39:10		-122.363	37.7161				1999.81695	RS-700	0.307547015
8552	9/4/2019 9:39:11		-122.363	37.7161				2030.5219	RS-700	0.46030796
8553	9/4/2019 9:39:12		-122.363	37.7161				2022.52281	RS-700	0.420511493
8554	9/4/2019 9:39:13		-122.363	37.7161				1968.81011	RS-700	0.153284129
8555	9/4/2019 9:39:14		-122.363	37.7161				2012.21559	RS-700	0.369231791
8556	9/4/2019 9:39:15		-122.363	37.7161				1946.60214	RS-700	0.042796716
8557	9/4/2019 9:39:16		-122.363	37.7161				1961.61098	RS-700	0.117467562
8558	9/4/2019 9:39:17		-122.363	37.7161				2036.13672	RS-700	0.488242388
8559	9/4/2019 9:39:18		-122.363	37.7161				2039.52461	RS-700	0.505097562
8560	9/4/2019 9:39:19		-122.363	37.7161				2022.02611	RS-700	0.418040348
8561	9/4/2019 9:39:20		-122.363	37.7161				1939.88086	RS-700	0.009357512
8562	9/4/2019 9:39:21		-122.363	37.7161				2050.72953	RS-700	0.560843433
8563	9/4/2019 9:39:22		-122.363	37.7161				2149.76878	RS-700	1.05357602
8564	9/4/2019 9:39:23		-122.363	37.7161				2147.76691	RS-700	1.043616468
8565	9/4/2019 9:39:24		-122.363	37.7161				2114.96998	RS-700	0.880447662
8566	9/4/2019 9:39:25		-122.363	37.7161				2234.90373	RS-700	1.477132985
8567	9/4/2019 9:39:26		-122.363	37.7161				2133.86149	RS-700	0.974435274
8568	9/4/2019 9:39:27		-122.363	37.7161				2154.77045	RS-700	1.07845995
8569	9/4/2019 9:39:28		-122.363	37.7161				2077.64001	RS-700	0.694726418
8570	9/4/2019 9:39:29		-122.363	37.7161				1768.63318	RS-700	-0.842620995
8571	9/4/2019 9:39:30		-122.363	37.7161				1698.34962	RS-700	-1.192290448
8572	9/4/2019 9:39:31		-122.363	37.7161				1705.70236	RS-700	-1.155709652
8573	9/4/2019 9:39:32		-122.363	37.7161				1717.69148	RS-700	-1.096062289
8574	9/4/2019 9:39:33		-122.363	37.7161				1294.46043	RS-700	-3.201689403
8575	9/4/2019 9:39:34		-122.363	37.7161				1238.37669	RS-700	-3.480712985
8576	9/4/2019 9:39:35		-122.363	37.7161				1848.75404	RS-700	-0.444009751
8577	9/4/2019 9:39:36		-122.363	37.7161				1874.389	RS-700	-0.316472637
8578	9/4/2019 9:39:37		-122.363	37.7161				1763.72401	RS-700	-0.867044726
8579	9/4/2019 9:39:38		-122.363	37.7161				1774.54192	RS-700	-0.813224279
8580	9/4/2019 9:39:39		-122.363	37.7161				1974.40971	RS-700	0.181142836
8581	9/4/2019 9:39:40		-122.363	37.7162				1983.61074	RS-700	0.226919104
8582	9/4/2019 9:39:41		-122.363	37.7162				1895.86902	RS-700	-0.209606866
8583	9/4/2019 9:39:42		-122.363	37.7162				2044.63832	RS-700	0.530538905
8584	9/4/2019 9:39:43		-122.363	37.7162				1994.91034	RS-700	0.28313602
8585	9/4/2019 9:39:44		-122.363	37.7162				1958.69418	RS-700	0.102956119
8586	9/4/2019 9:39:45		-122.363	37.7162				1872.76036	RS-700	-0.324575323
8587	9/4/2019 9:39:46		-122.363	37.7162				1979.10149	RS-700	0.204485025
8588	9/4/2019 9:39:47		-122.363	37.7162				1977.00134	RS-700	0.194036517
8589	9/4/2019 9:39:48		-122.363	37.7162				1979.21419	RS-700	0.205045721
8590	9/4/2019 9:39:49		-122.363	37.7162				1981.41032	RS-700	0.215971741
8591	9/4/2019 9:39:50		-122.363	37.7162				2020.53642	RS-700	0.410628955
8592	9/4/2019 9:39:51		-122.363	37.7162				2023.928	RS-700	0.427502488
8593	9/4/2019 9:39:52		-122.363	37.7162				2021.81951	RS-700	0.417012488
8594	9/4/2019 9:39:53		-122.363	37.7162				2083.53769	RS-700	0.724068109
8595	9/4/2019 9:39:54		-122.363	37.7162				2076.32415	RS-700	0.688179851
8596	9/4/2019 9:39:55		-122.363	37.7162				2174.77801	RS-700	1.17800005
8597	9/4/2019 9:39:56		-122.363	37.7162				2128.5579	RS-700	0.948049254
8598	9/4/2019 9:39:57		-122.363	37.7162				2100.96766	RS-700	0.810784378
8599	9/4/2019 9:39:58		-122.363	37.7162				2051.63244	RS-700	0.565335522
8600	9/4/2019 9:39:59		-122.363	37.7162				1939.78634	RS-700	0.008887264

Gamma Scan Survey Results
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SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
8601	9/4/2019 9:40:00		-122.363	37.7162				2084.92727	RS-700	0.730981443
8602	9/4/2019 9:40:01		-122.363	37.7162				2105.75092	RS-700	0.834581692
8603	9/4/2019 9:40:02		-122.363	37.7162				2106.54082	RS-700	0.838511542
8604	9/4/2019 9:40:03		-122.363	37.7162				2194.12233	RS-700	1.274240448
8605	9/4/2019 9:40:04		-122.363	37.7162				2180.78747	RS-700	1.207897861
8606	9/4/2019 9:40:05		-122.363	37.7163				2014.51937	RS-700	0.380693383
8607	9/4/2019 9:40:06		-122.363	37.7163				1997.5128	RS-700	0.296083582
8608	9/4/2019 9:40:07		-122.363	37.7163				2026.5283	RS-700	0.440439303
8609	9/4/2019 9:40:08		-122.363	37.7163				2043.23945	RS-700	0.523579353
8610	9/4/2019 9:40:09		-122.363	37.7163				1938.89127	RS-700	0.004434179
8611	9/4/2019 9:40:10		-122.363	37.7163				2074.14507	RS-700	0.677338657
8612	9/4/2019 9:40:11		-122.363	37.7163				1906.68522	RS-700	-0.155794925
8613	9/4/2019 9:40:12		-122.363	37.7163				2049.5227	RS-700	0.554839303
8614	9/4/2019 9:40:13		-122.363	37.7163				2043.43003	RS-700	0.524527512
8615	9/4/2019 9:40:14		-122.363	37.7163				2064.83148	RS-700	0.631002388
8616	9/4/2019 9:40:15		-122.363	37.7163				2087.74113	RS-700	0.744980746
8617	9/4/2019 9:40:16		-122.363	37.7163				2065.42877	RS-700	0.63397398
8618	9/4/2019 9:40:17		-122.363	37.7163				2216.89465	RS-700	1.387535572
8619	9/4/2019 9:40:18		-122.363	37.7163				2132.87527	RS-700	0.969528706
8620	9/4/2019 9:40:19		-122.363	37.7163				2192.9922	RS-700	1.26861791
8621	9/4/2019 9:40:20		-122.363	37.7163				2177.53764	RS-700	1.191729552
8622	9/4/2019 9:40:21		-122.363	37.7163				2190.01066	RS-700	1.253784378
8623	9/4/2019 9:40:22		-122.363	37.7163				2032.62553	RS-700	0.470773781
8624	9/4/2019 9:40:23		-122.363	37.7163				2028.72792	RS-700	0.451382687
8625	9/4/2019 9:40:24		-122.363	37.7163				2018.02931	RS-700	0.398155771
8626	9/4/2019 9:40:25		-122.363	37.7163				2026.92493	RS-700	0.442412587
8627	9/4/2019 9:40:26		-122.363	37.7163				1939.18911	RS-700	0.00591597
8628	9/4/2019 9:40:27		-122.363	37.7163				1950.89261	RS-700	0.064142338
8629	9/4/2019 9:40:28		-122.363	37.7163				2010.62283	RS-700	0.361307612
8630	9/4/2019 9:40:29		-122.363	37.7163				1903.97165	RS-700	-0.169295274
8631	9/4/2019 9:40:30		-122.363	37.7163				1990.10987	RS-700	0.259253085
8632	9/4/2019 9:40:31		-122.363	37.7163				1981.31384	RS-700	0.215491741
8633	9/4/2019 9:40:32		-122.363	37.7164				1984.69378	RS-700	0.232307363
8634	9/4/2019 9:40:33		-122.363	37.7164				1970.10116	RS-700	0.159707264
8635	9/4/2019 9:40:34		-122.363	37.7164				2006.61545	RS-700	0.341370398
8636	9/4/2019 9:40:35		-122.363	37.7164				1983.40653	RS-700	0.225903134
8637	9/4/2019 9:40:36		-122.363	37.7164				2006.01686	RS-700	0.338392338
8638	9/4/2019 9:40:37		-122.363	37.7164				2098.3614	RS-700	0.79781791
8639	9/4/2019 9:40:38		-122.363	37.7164				2013.61531	RS-700	0.376195572
8640	9/4/2019 9:40:39		-122.363	37.7164				2079.84799	RS-700	0.705711393
8641	9/4/2019 9:40:40		-122.363	37.7164				2046.32242	RS-700	0.538917512
8642	9/4/2019 9:40:41		-122.363	37.7164				2099.17081	RS-700	0.801844826
8643	9/4/2019 9:40:42		-122.363	37.7164				2023.62011	RS-700	0.425970697
8644	9/4/2019 9:40:43		-122.363	37.7164				2041.14746	RS-700	0.513171443
8645	9/4/2019 9:40:44		-122.363	37.7164				2033.73475	RS-700	0.476292289
8646	9/4/2019 9:40:45		-122.363	37.7164				2043.83344	RS-700	0.526534527
8647	9/4/2019 9:40:46		-122.363	37.7164				2106.0623	RS-700	0.836130846
8648	9/4/2019 9:40:47		-122.363	37.7164				1988.81238	RS-700	0.25279791
8649	9/4/2019 9:40:48		-122.363	37.7164				2089.64726	RS-700	0.75446398
8650	9/4/2019 9:40:49		-122.363	37.7164				2019.92301	RS-700	0.407577164
8651	9/4/2019 9:40:50		-122.363	37.7164				2082.95059	RS-700	0.721147214
8652	9/4/2019 9:40:51		-122.363	37.7164				2047.14438	RS-700	0.543006866
8653	9/4/2019 9:40:52		-122.363	37.7164				1968.83661	RS-700	0.15341597
8654	9/4/2019 9:40:53		-122.363	37.7164				1921.57699	RS-700	-0.081706517
8655	9/4/2019 9:40:54		-122.363	37.7164				1944.29525	RS-700	0.031319652
8656	9/4/2019 9:40:55		-122.363	37.7164				2025.43377	RS-700	0.434993881
8657	9/4/2019 9:40:56		-122.363	37.7164				1999.50989	RS-700	0.306019353
8658	9/4/2019 9:40:57		-122.363	37.7165				2083.54004	RS-700	0.724079801
8659	9/4/2019 9:40:58		-122.363	37.7165				2072.75668	RS-700	0.670431244
8660	9/4/2019 9:40:59		-122.363	37.7165				2103.63714	RS-700	0.824065373
8661	9/4/2019 9:41:00		-122.363	37.7165				1976.50447	RS-700	0.191564527

Gamma Scan Survey Results
Survey Unit 5 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
8662	9/4/2019 9:41:01		-122.363	37.7165				1996.31037	RS-700	0.290101343
8663	9/4/2019 9:41:02		-122.363	37.7165				1987.9259	RS-700	0.248387562
8664	9/4/2019 9:41:03		-122.363	37.7165				1992.91002	RS-700	0.273184179
8665	9/4/2019 9:41:04		-122.363	37.7165				1968.60079	RS-700	0.152242736
8666	9/4/2019 9:41:05		-122.363	37.7165				2010.72096	RS-700	0.361795821
8667	9/4/2019 9:41:06		-122.363	37.7165				2033.21935	RS-700	0.473728109
8668	9/4/2019 9:41:07		-122.364	37.7165				1933.28232	RS-700	-0.023471045
8669	9/4/2019 9:41:08		-122.364	37.7165				1900.86692	RS-700	-0.184741692
8670	9/4/2019 9:41:09		-122.364	37.7165				1853.47678	RS-700	-0.420513532
8671	9/4/2019 9:41:10		-122.364	37.7165				1893.76787	RS-700	-0.220060348
8672	9/4/2019 9:41:11		-122.364	37.7165				1928.96881	RS-700	-0.044931294
8673	9/4/2019 9:41:12		-122.364	37.7165				1973.30857	RS-700	0.175664527
8674	9/4/2019 9:41:13		-122.364	37.7165				1892.1493	RS-700	-0.228112935
8675	9/4/2019 9:41:14		-122.364	37.7165				1888.5705	RS-700	-0.24591791
8676	9/4/2019 9:41:15		-122.364	37.7165				1970.71343	RS-700	0.162753383
8677	9/4/2019 9:41:16		-122.364	37.7165				1944.30436	RS-700	0.031364975
8678	9/4/2019 9:41:17		-122.364	37.7165				1894.39211	RS-700	-0.216954677
8679	9/4/2019 9:41:18		-122.364	37.7165				1986.19443	RS-700	0.239773284
8680	9/4/2019 9:41:19		-122.364	37.7165				2120.86428	RS-700	0.909772537
8681	9/4/2019 9:41:20		-122.364	37.7165				2150.29657	RS-700	1.056201841
8682	9/4/2019 9:41:21		-122.364	37.7165				2025.33312	RS-700	0.434493134
8683	9/4/2019 9:41:22		-122.364	37.7165				2064.84285	RS-700	0.631058955
8684	9/4/2019 9:41:23		-122.364	37.7165				2052.84376	RS-700	0.57136199
8685	9/4/2019 9:41:24		-122.364	37.7165				2113.53159	RS-700	0.873291493
8686	9/4/2019 9:41:25		-122.364	37.7166				2069.63952	RS-700	0.654922985
8687	9/4/2019 9:41:26		-122.364	37.7166				2041.04426	RS-700	0.51265801
8688	9/4/2019 9:41:27		-122.364	37.7166				2036.92801	RS-700	0.492179154
8689	9/4/2019 9:41:28		-122.364	37.7166				2112.75512	RS-700	0.869428458
8690	9/4/2019 9:41:29		-122.364	37.7166				2122.96706	RS-700	0.920234129
8691	9/4/2019 9:41:30		-122.364	37.7166				2115.54532	RS-700	0.88331005
8692	9/4/2019 9:41:31		-122.364	37.7166				2065.74823	RS-700	0.635563333
8693	9/4/2019 9:41:32		-122.364	37.7166				2166.7691	RS-700	1.138154726
8694	9/4/2019 9:41:33		-122.364	37.7166				2272.0569	RS-700	1.661974627
8695	9/4/2019 9:41:34		-122.364	37.7166				2131.19158	RS-700	0.961152139
8696	9/4/2019 9:41:35		-122.364	37.7166				2139.87255	RS-700	1.004341045
8697	9/4/2019 9:41:36		-122.364	37.7166				2153.09193	RS-700	1.070109104
8698	9/4/2019 9:41:37		-122.364	37.7166				2137.08522	RS-700	0.990473731
8699	9/4/2019 9:41:38		-122.364	37.7166				2152.9811	RS-700	1.069557711
8700	9/4/2019 9:41:39		-122.364	37.7166				2133.65709	RS-700	0.973418358
8701	9/4/2019 9:41:40		-122.364	37.7166				2146.77001	RS-700	1.038656766
8702	9/4/2019 9:41:41		-122.364	37.7166				2157.34887	RS-700	1.09128791
8703	9/4/2019 9:41:42		-122.364	37.7166				2139.86502	RS-700	1.004303582
8704	9/4/2019 9:41:43		-122.364	37.7166				2054.73533	RS-700	0.580772786
8705	9/4/2019 9:41:44		-122.364	37.7166				2184.0029	RS-700	1.223895025
8706	9/4/2019 9:41:45		-122.364	37.7166				2136.75976	RS-700	0.988854527
8707	9/4/2019 9:41:46		-122.364	37.7166				2204.78435	RS-700	1.327285323
8708	9/4/2019 9:41:47		-122.364	37.7166				2132.65259	RS-700	0.968420846
8709	9/4/2019 9:41:48		-122.364	37.7166				2072.62893	RS-700	0.669795672
8710	9/4/2019 9:41:49		-122.364	37.7166				2158.76836	RS-700	1.09835005
8711	9/4/2019 9:41:50		-122.364	37.7167				2179.43285	RS-700	1.201158458
8712	9/4/2019 9:41:51		-122.364	37.7167				2252.24849	RS-700	1.563425323
8713	9/4/2019 9:41:52		-122.364	37.7167				2231.56444	RS-700	1.460519602
8714	9/4/2019 9:41:53		-122.364	37.7167				2255.91541	RS-700	1.581668706
8715	9/4/2019 9:41:54		-122.364	37.7167				2243.1474	RS-700	1.518146269
8716	9/4/2019 9:41:55		-122.364	37.7167				2195.11446	RS-700	1.279176418
8717	9/4/2019 9:41:56		-122.364	37.7167				2195.00478	RS-700	1.278630746
8718	9/4/2019 9:41:57		-122.364	37.7167				2155.20416	RS-700	1.080617711
8719	9/4/2019 9:41:58		-122.364	37.7167				2148.557	RS-700	1.047547264
8720	9/4/2019 9:41:59		-122.364	37.7167				2104.54043	RS-700	0.828559353
8721	9/4/2019 9:42:00		-122.364	37.7167				2179.66654	RS-700	1.202321095
8722	9/4/2019 9:42:01		-122.364	37.7167				2162.8923	RS-700	1.118867164

Gamma Scan Survey Results
Survey Unit 5 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
8723	9/4/2019 9:42:02		-122.364	37.7167				2098.52299	RS-700	0.798621841
8724	9/4/2019 9:42:03		-122.364	37.7167				2096.758	RS-700	0.789840796
8725	9/4/2019 9:42:04		-122.364	37.7167				2158.57357	RS-700	1.097380945
8726	9/4/2019 9:42:05		-122.364	37.7167				2217.22839	RS-700	1.38919597
8727	9/4/2019 9:42:06		-122.364	37.7167				2174.89166	RS-700	1.178565473
8728	9/4/2019 9:42:07		-122.364	37.7167				2152.20732	RS-700	1.06570806
8729	9/4/2019 9:42:08		-122.364	37.7167				2142.87683	RS-700	1.019287711
8730	9/4/2019 9:42:09		-122.364	37.7167				2187.78055	RS-700	1.242689303
8731	9/4/2019 9:42:10		-122.364	37.7167				2158.55315	RS-700	1.097279353
8732	9/4/2019 9:42:11		-122.364	37.7167				2141.44428	RS-700	1.012160597
8733	9/4/2019 9:42:12		-122.364	37.7167				2119.67672	RS-700	0.903864279
8734	9/4/2019 9:42:13		-122.364	37.7167				2101.64918	RS-700	0.814175025
8735	9/4/2019 9:42:14		-122.364	37.7167				2121.97993	RS-700	0.915323035
8736	9/4/2019 9:42:15		-122.364	37.7167				2141.76088	RS-700	1.013735721
8737	9/4/2019 9:42:16		-122.364	37.7167				2120.29509	RS-700	0.906940746
8738	9/4/2019 9:42:17		-122.364	37.7167				2230.24782	RS-700	1.453969254
8739	9/4/2019 9:42:18		-122.364	37.7167				2229.56311	RS-700	1.450562736
8740	9/4/2019 9:42:19		-122.364	37.7167				2166.56913	RS-700	1.137159851
8741	9/4/2019 9:42:20		-122.364	37.7167				2177.6725	RS-700	1.192400498
8742	9/4/2019 9:42:21		-122.364	37.7167				2205.9046	RS-700	1.332858706
8743	9/4/2019 9:42:22		-122.364	37.7167				2112.28588	RS-700	0.86709393
8744	9/4/2019 9:42:23		-122.364	37.7167				2255.69242	RS-700	1.580559303
8745	9/4/2019 9:42:24		-122.364	37.7167				2233.69046	RS-700	1.471096816
8746	9/4/2019 9:42:25		-122.364	37.7167				2156.99179	RS-700	1.089511393
8747	9/4/2019 9:42:26		-122.364	37.7167				2136.75675	RS-700	0.988839552
8748	9/4/2019 9:42:27		-122.364	37.7167				2168.31717	RS-700	1.145856567
8749	9/4/2019 9:42:28		-122.364	37.7167				2153.77035	RS-700	1.073484328
8750	9/4/2019 9:42:29		-122.364	37.7167				2212.68146	RS-700	1.366574428
8751	9/4/2019 9:42:30		-122.364	37.7167				2162.99184	RS-700	1.119362388
8752	9/4/2019 9:42:31		-122.364	37.7167				2172.56569	RS-700	1.166993483
8753	9/4/2019 9:42:32		-122.364	37.7167				2202.3365	RS-700	1.315106965
8754	9/4/2019 9:42:33		-122.364	37.7167				2192.2175	RS-700	1.264763682
8755	9/4/2019 9:42:34		-122.364	37.7167				2114.5451	RS-700	0.878333831
8756	9/4/2019 9:42:35		-122.364	37.7167				2168.10135	RS-700	1.144782836
8757	9/4/2019 9:42:36		-122.364	37.7167				2207.57077	RS-700	1.341148109
8758	9/4/2019 9:42:37		-122.364	37.7167				2149.7713	RS-700	1.053588557
8759	9/4/2019 9:42:38		-122.364	37.7167				2163.53324	RS-700	1.12205592
8760	9/4/2019 9:42:39		-122.364	37.7167				2129.65497	RS-700	0.953507313
8761	9/4/2019 9:42:40		-122.364	37.7167				2125.97501	RS-700	0.935199055
8762	9/4/2019 9:42:41		-122.364	37.7167				2293.92915	RS-700	1.770791791
8763	9/4/2019 9:42:42		-122.364	37.7167				2199.79066	RS-700	1.302441095
8764	9/4/2019 9:42:43		-122.364	37.7167				2219.65959	RS-700	1.401291493
8765	9/4/2019 9:42:44		-122.364	37.7167				2151.77367	RS-700	1.063550597
8766	9/4/2019 9:42:45		-122.364	37.7167				2226.01683	RS-700	1.432919552
8767	9/4/2019 9:42:46		-122.364	37.7167				2190.22175	RS-700	1.254834577
8768	9/4/2019 9:42:47		-122.364	37.7167				2211.79531	RS-700	1.362165721
8769	9/4/2019 9:42:48		-122.364	37.7167				2191.33603	RS-700	1.260378259
8770	9/4/2019 9:42:49		-122.364	37.7167				2178.46281	RS-700	1.196332388
8771	9/4/2019 9:42:50		-122.364	37.7167				2166.883	RS-700	1.138721393
8772	9/4/2019 9:42:51		-122.364	37.7167				2160.76843	RS-700	1.108300647
8773	9/4/2019 9:42:52		-122.364	37.7167				2185.78388	RS-700	1.232755622
8774	9/4/2019 9:42:53		-122.364	37.7167				2226.57565	RS-700	1.435699751
8775	9/4/2019 9:42:54		-122.364	37.7167				2209.45675	RS-700	1.350531095
8776	9/4/2019 9:42:55		-122.364	37.7167				2164.33215	RS-700	1.126030597
8777	9/4/2019 9:42:56		-122.364	37.7167				2204.90123	RS-700	1.327866816
8778	9/4/2019 9:42:57		-122.364	37.7167				2201.89831	RS-700	1.312926915
8779	9/4/2019 9:42:58		-122.364	37.7167				2161.42102	RS-700	1.111547363
8780	9/4/2019 9:42:59		-122.364	37.7167				2123.8656	RS-700	0.924704478
8781	9/4/2019 9:43:00		-122.364	37.7167				2204.78708	RS-700	1.327298905
8782	9/4/2019 9:43:01		-122.364	37.7167				2142.88343	RS-700	1.019320547
8783	9/4/2019 9:43:02		-122.364	37.7167				2174.00078	RS-700	1.174133234

Gamma Scan Survey Results
Survey Unit 5 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
8784	9/4/2019 9:43:03		-122.364	37.7167				2218.68713	RS-700	1.396453383
8785	9/4/2019 9:43:04		-122.364	37.7167				2149.8723	RS-700	1.054091045
8786	9/4/2019 9:43:05		-122.364	37.7167				2186.56448	RS-700	1.236639204
8787	9/4/2019 9:43:06		-122.364	37.7167				2072.53368	RS-700	0.669321791
8788	9/4/2019 9:43:07		-122.364	37.7167				2144.65737	RS-700	1.028146119
8789	9/4/2019 9:43:08		-122.364	37.7167				2120.87197	RS-700	0.909810796
8790	9/4/2019 9:43:09		-122.364	37.7167				2222.46092	RS-700	1.415228458
8791	9/4/2019 9:43:10		-122.364	37.7167				2155.8806	RS-700	1.083983085
8792	9/4/2019 9:43:11		-122.364	37.7167				2142.97934	RS-700	1.019797711
8793	9/4/2019 9:43:12		-122.364	37.7167				2170.45383	RS-700	1.156486716
8794	9/4/2019 9:43:13		-122.364	37.7167				2189.11481	RS-700	1.249327413
8795	9/4/2019 9:43:14		-122.364	37.7167				2140.86237	RS-700	1.009265522
8796	9/4/2019 9:43:15		-122.364	37.7167				2149.87244	RS-700	1.054091741
8797	9/4/2019 9:43:16		-122.364	37.7167				2203.56043	RS-700	1.321196169
8798	9/4/2019 9:43:17		-122.364	37.7167				2204.90424	RS-700	1.327881791
8799	9/4/2019 9:43:18		-122.364	37.7167				2234.01903	RS-700	1.472731493
8800	9/4/2019 9:43:19		-122.364	37.7167				2160.44782	RS-700	1.106705572
8801	9/4/2019 9:43:20		-122.364	37.7167				2118.51563	RS-700	0.898087711
8802	9/4/2019 9:43:21		-122.364	37.7167				2192.21866	RS-700	1.264769453
8803	9/4/2019 9:43:22		-122.364	37.7167				2114.8642	RS-700	0.879921393
8804	9/4/2019 9:43:23		-122.364	37.7167				2242.92123	RS-700	1.517021045
8805	9/4/2019 9:43:24		-122.364	37.7167				2175.31512	RS-700	1.180672239
8806	9/4/2019 9:43:25		-122.364	37.7167				2120.18484	RS-700	0.906392239
8807	9/4/2019 9:43:26		-122.364	37.7167				2101.54535	RS-700	0.813658458
8808	9/4/2019 9:43:27		-122.364	37.7167				2181.55661	RS-700	1.211724428
8809	9/4/2019 9:43:28		-122.364	37.7167				2091.74834	RS-700	0.764917114
8810	9/4/2019 9:43:29		-122.364	37.7167				2189.22431	RS-700	1.249872189
8811	9/4/2019 9:43:30		-122.364	37.7167				2100.64442	RS-700	0.809176219
8812	9/4/2019 9:43:31		-122.364	37.7167				2163.99445	RS-700	1.124350498
8813	9/4/2019 9:43:32		-122.364	37.7167				2195.01538	RS-700	1.278683483
8814	9/4/2019 9:43:33		-122.364	37.7167				2142.33201	RS-700	1.016577164
8815	9/4/2019 9:43:34		-122.364	37.7167				2146.23163	RS-700	1.035978259
8816	9/4/2019 9:43:35		-122.364	37.7167				2211.68188	RS-700	1.361601393
8817	9/4/2019 9:43:36		-122.364	37.7167				2249.58952	RS-700	1.550196617
8818	9/4/2019 9:43:37		-122.364	37.7167				2207.79103	RS-700	1.34224393
8819	9/4/2019 9:43:38		-122.364	37.7167				2194.45187	RS-700	1.27587995
8820	9/4/2019 9:43:39		-122.364	37.7167				2163.98099	RS-700	1.124283532
8821	9/4/2019 9:43:40		-122.364	37.7167				2170.67095	RS-700	1.157566915
8822	9/4/2019 9:43:41		-122.364	37.7167				2143.19603	RS-700	1.020875771
8823	9/4/2019 9:43:42		-122.364	37.7167				2135.55197	RS-700	0.982845622
8824	9/4/2019 9:43:43		-122.364	37.7167				2111.86027	RS-700	0.864976468
8825	9/4/2019 9:43:44		-122.364	37.7167				2171.88415	RS-700	1.163602736
8826	9/4/2019 9:43:45		-122.364	37.7167				2225.35279	RS-700	1.429615871
8827	9/4/2019 9:43:46		-122.364	37.7167				2347.29171	RS-700	2.036277164
8828	9/4/2019 9:43:47		-122.364	37.7167				2193.00517	RS-700	1.268682438
8829	9/4/2019 9:43:48		-122.364	37.7167				2222.57465	RS-700	1.415794279
8830	9/4/2019 9:43:49		-122.364	37.7167				2167.21251	RS-700	1.140360746
8831	9/4/2019 9:43:50		-122.364	37.7167				2155.77116	RS-700	1.083438607
8832	9/4/2019 9:43:51		-122.364	37.7167				2186.55427	RS-700	1.236588408
8833	9/4/2019 9:43:52		-122.364	37.7167				2215.57603	RS-700	1.380975274
8834	9/4/2019 9:43:53		-122.364	37.7167				2220.68402	RS-700	1.406388159
8835	9/4/2019 9:43:54		-122.364	37.7167				2173.67305	RS-700	1.172502736
8836	9/4/2019 9:43:55		-122.364	37.7167				2210.78949	RS-700	1.357161642
8837	9/4/2019 9:43:56		-122.364	37.7167				2151.67457	RS-700	1.063057562
8838	9/4/2019 9:43:57		-122.364	37.7167				2173.08816	RS-700	1.169592836
8839	9/4/2019 9:43:58		-122.364	37.7167				2078.64163	RS-700	0.699709602
8840	9/4/2019 9:43:59		-122.364	37.7167				2152.30937	RS-700	1.066215771
8841	9/4/2019 9:44:00		-122.364	37.7167				2130.54815	RS-700	0.957950995
8842	9/4/2019 9:44:01		-122.364	37.7167				2332.93995	RS-700	1.964875373
8843	9/4/2019 9:44:02		-122.364	37.7167				2157.89365	RS-700	1.093998259
8844	9/4/2019 9:44:03		-122.364	37.7167				2127.07888	RS-700	0.940690945

Gamma Scan Survey Results
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SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
8845	9/4/2019 9:44:04		-122.364	37.7167				2122.74305	RS-700	0.919119652
8846	9/4/2019 9:44:05		-122.364	37.7167				2202.90103	RS-700	1.317915572
8847	9/4/2019 9:44:06		-122.364	37.7167				2163.66802	RS-700	1.122726468
8848	9/4/2019 9:44:07		-122.364	37.7167				2135.87106	RS-700	0.984433134
8849	9/4/2019 9:44:08		-122.364	37.7167				2082.47812	RS-700	0.718796617
8850	9/4/2019 9:44:09		-122.364	37.7167				2173.99743	RS-700	1.174116567
8851	9/4/2019 9:44:10		-122.364	37.7167				2141.33579	RS-700	1.011620846
8852	9/4/2019 9:44:11		-122.364	37.7167				2189.66748	RS-700	1.252077015
8853	9/4/2019 9:44:12		-122.364	37.7167				2122.65637	RS-700	0.918688408
8854	9/4/2019 9:44:13		-122.364	37.7167				2242.15012	RS-700	1.513184677
8855	9/4/2019 9:44:14		-122.364	37.7167				2120.65367	RS-700	0.908724726
8856	9/4/2019 9:44:15		-122.364	37.7167				2220.67758	RS-700	1.406356119
8857	9/4/2019 9:44:16		-122.364	37.7167				2130.08008	RS-700	0.955622289
8858	9/4/2019 9:44:17		-122.364	37.7167				2179.10516	RS-700	1.199528159
8859	9/4/2019 9:44:18		-122.364	37.7167				2175.66664	RS-700	1.182421095
8860	9/4/2019 9:44:19		-122.364	37.7167				2139.65263	RS-700	1.003246915
8861	9/4/2019 9:44:20		-122.364	37.7167				2141.08904	RS-700	1.010393234
8862	9/4/2019 9:44:21		-122.364	37.7167				2157.99989	RS-700	1.094526816
8863	9/4/2019 9:44:22		-122.364	37.7167				2276.9229	RS-700	1.686183582
8864	9/4/2019 9:44:23		-122.364	37.7167				2174.89333	RS-700	1.178573781
8865	9/4/2019 9:44:24		-122.364	37.7167				2185.20213	RS-700	1.229861343
8866	9/4/2019 9:44:25		-122.364	37.7167				2160.88687	RS-700	1.108889901
8867	9/4/2019 9:44:26		-122.364	37.7167				2251.03446	RS-700	1.557385373
8868	9/4/2019 9:44:27		-122.364	37.7167				2172.67417	RS-700	1.167533184
8869	9/4/2019 9:44:28		-122.364	37.7167				2195.67398	RS-700	1.2819601
8870	9/4/2019 9:44:29		-122.364	37.7167				2287.61969	RS-700	1.739401443
8871	9/4/2019 9:44:30		-122.364	37.7167				2194.6775	RS-700	1.277002488
8872	9/4/2019 9:44:31		-122.364	37.7167				2156.66576	RS-700	1.087889353
8873	9/4/2019 9:44:32		-122.364	37.7167				2115.07609	RS-700	0.880975572
8874	9/4/2019 9:44:33		-122.364	37.7167				2120.19267	RS-700	0.906431194
8875	9/4/2019 9:44:34		-122.364	37.7167				2179.00265	RS-700	1.199018159
8876	9/4/2019 9:44:35		-122.364	37.7167				2174.21016	RS-700	1.175174925
8877	9/4/2019 9:44:36		-122.364	37.7167				2223.68525	RS-700	1.421319652
8878	9/4/2019 9:44:37		-122.364	37.7167				2141.30169	RS-700	1.011451194
8879	9/4/2019 9:44:38		-122.364	37.7167				2117.5381	RS-700	0.893224378
8880	9/4/2019 9:44:39		-122.364	37.7167				2231.01874	RS-700	1.457804677
8881	9/4/2019 9:44:40		-122.364	37.7167				2090.98246	RS-700	0.761106766
8882	9/4/2019 9:44:41		-122.364	37.7167				2177.21265	RS-700	1.190112687
8883	9/4/2019 9:44:42		-122.364	37.7167				2198.79082	RS-700	1.297466766
8884	9/4/2019 9:44:43		-122.364	37.7167				2192.88634	RS-700	1.268091244
8885	9/4/2019 9:44:44		-122.364	37.7167				2121.54947	RS-700	0.913181443
8886	9/4/2019 9:44:45		-122.364	37.7167				2133.48121	RS-700	0.972543333
8887	9/4/2019 9:44:46		-122.364	37.7167				2121.76439	RS-700	0.914250697
8888	9/4/2019 9:44:47		-122.364	37.7167				2201.89737	RS-700	1.312922239
8889	9/4/2019 9:44:48		-122.364	37.7167				2180.7794	RS-700	1.207857711
8890	9/4/2019 9:44:49		-122.364	37.7167				2109.8609	RS-700	0.855029353
8891	9/4/2019 9:44:50		-122.364	37.7167				2179.2143	RS-700	1.200071144
8892	9/4/2019 9:44:51		-122.364	37.7167				2127.87194	RS-700	0.944636517
8893	9/4/2019 9:44:52		-122.364	37.7167				2199.56189	RS-700	1.301302935
8894	9/4/2019 9:44:53		-122.364	37.7167				2276.14904	RS-700	1.682333532
8895	9/4/2019 9:44:54		-122.364	37.7167				2186.79064	RS-700	1.237764378
8896	9/4/2019 9:44:55		-122.364	37.7167				2113.98457	RS-700	0.875545124
8897	9/4/2019 9:44:56		-122.364	37.7167				2113.20448	RS-700	0.87166408
8898	9/4/2019 9:44:57		-122.364	37.7167				2172.89324	RS-700	1.168623085
8899	9/4/2019 9:44:58		-122.364	37.7167				2175.23257	RS-700	1.180261542
8900	9/4/2019 9:44:59		-122.364	37.7167				2170.33065	RS-700	1.155873881
8901	9/4/2019 9:45:00		-122.364	37.7167				2165.56611	RS-700	1.132169701
8902	9/4/2019 9:45:01		-122.364	37.7167				2143.98185	RS-700	1.024785323
8903	9/4/2019 9:45:02		-122.364	37.7167				2191.32635	RS-700	1.2603301
8904	9/4/2019 9:45:03		-122.364	37.7167				2148.54784	RS-700	1.047501692
8905	9/4/2019 9:45:04		-122.364	37.7167				2226.78443	RS-700	1.436738458

Gamma Scan Survey Results
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SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
8906	9/4/2019 9:45:05		-122.364	37.7167				2257.36896	RS-700	1.588900299
8907	9/4/2019 9:45:06		-122.364	37.7167				2164.3089	RS-700	1.125914925
8908	9/4/2019 9:45:07		-122.364	37.7167				2223.68784	RS-700	1.421332537
8909	9/4/2019 9:45:08		-122.364	37.7167				2092.74948	RS-700	0.76989791
8910	9/4/2019 9:45:09		-122.364	37.7167				2254.37301	RS-700	1.573995075
8911	9/4/2019 9:45:10		-122.364	37.7167				2207.90075	RS-700	1.342789801
8912	9/4/2019 9:45:11		-122.364	37.7167				2217.12541	RS-700	1.388683632
8913	9/4/2019 9:45:12		-122.364	37.7167				2281.70582	RS-700	1.709979204
8914	9/4/2019 9:45:13		-122.364	37.7167				2211.68094	RS-700	1.361596716
8915	9/4/2019 9:45:14		-122.364	37.7167				2298.70817	RS-700	1.79456801
8916	9/4/2019 9:45:15		-122.364	37.7166				2277.6202	RS-700	1.689652736
8917	9/4/2019 9:45:16		-122.364	37.7166				2309.17249	RS-700	1.846629303
8918	9/4/2019 9:45:17		-122.364	37.7166				2330.59357	RS-700	1.953201841
8919	9/4/2019 9:45:18		-122.364	37.7166				2288.6094	RS-700	1.744325373
8920	9/4/2019 9:45:19		-122.364	37.7166				2299.71247	RS-700	1.799564527
8921	9/4/2019 9:45:20		-122.364	37.7166				2193.89855	RS-700	1.273127114
8922	9/4/2019 9:45:21		-122.364	37.7166				2327.30555	RS-700	1.936843532
8923	9/4/2019 9:45:22		-122.364	37.7166				2275.81436	RS-700	1.680668458
8924	9/4/2019 9:45:23		-122.364	37.7166				2234.57384	RS-700	1.475491741
8925	9/4/2019 9:45:24		-122.364	37.7166				2166.78124	RS-700	1.138215124
8926	9/4/2019 9:45:25		-122.364	37.7166				2317.71266	RS-700	1.889117711
8927	9/4/2019 9:45:26		-122.364	37.7166				2190.89328	RS-700	1.258175522
8928	9/4/2019 9:45:27		-122.364	37.7166				2196.45063	RS-700	1.28582403
8929	9/4/2019 9:45:28		-122.364	37.7166				2170.00104	RS-700	1.15423403
8930	9/4/2019 9:45:29		-122.364	37.7166				2206.77801	RS-700	1.33720403
8931	9/4/2019 9:45:30		-122.364	37.7166				2158.98335	RS-700	1.099419652
8932	9/4/2019 9:45:31		-122.364	37.7166				2113.52514	RS-700	0.873259403
8933	9/4/2019 9:45:32		-122.364	37.7166				2150.20415	RS-700	1.05574204
8934	9/4/2019 9:45:33		-122.364	37.7166				2088.43346	RS-700	0.748425174
8935	9/4/2019 9:45:34		-122.364	37.7166				2097.68403	RS-700	0.79444791
8936	9/4/2019 9:45:35		-122.364	37.7166				2148.44572	RS-700	1.046993632
8937	9/4/2019 9:45:36		-122.364	37.7166				2150.0884	RS-700	1.055166169
8938	9/4/2019 9:45:37		-122.364	37.7166				2146.61401	RS-700	1.037880647
8939	9/4/2019 9:45:38		-122.364	37.7166				2159.98426	RS-700	1.104399303
8940	9/4/2019 9:45:39		-122.364	37.7166				2114.86632	RS-700	0.87993194
8941	9/4/2019 9:45:40		-122.364	37.7166				2250.70031	RS-700	1.555722935
8942	9/4/2019 9:45:41		-122.364	37.7166				2145.19982	RS-700	1.030844876
8943	9/4/2019 9:45:42		-122.364	37.7166				2131.09229	RS-700	0.960658159
8944	9/4/2019 9:45:43		-122.364	37.7166				2237.00355	RS-700	1.487579851
8945	9/4/2019 9:45:44		-122.364	37.7166				2190.90242	RS-700	1.258220995
8946	9/4/2019 9:45:45		-122.364	37.7166				2121.51022	RS-700	0.912986169
8947	9/4/2019 9:45:46		-122.364	37.7166				2139.19715	RS-700	1.000980846
8948	9/4/2019 9:45:47		-122.364	37.7166				2098.96186	RS-700	0.800805274
8949	9/4/2019 9:45:48		-122.364	37.7166				2099.1709	RS-700	0.801845274
8950	9/4/2019 9:45:49		-122.364	37.7166				2160.55673	RS-700	1.107247413
8951	9/4/2019 9:45:50		-122.364	37.7165				2083.17629	RS-700	0.7222701
8952	9/4/2019 9:45:51		-122.364	37.7165				2094.64385	RS-700	0.779322637
8953	9/4/2019 9:45:52		-122.364	37.7165				2102.85917	RS-700	0.820194876
8954	9/4/2019 9:45:53		-122.364	37.7165				2026.42017	RS-700	0.439901343
8955	9/4/2019 9:45:54		-122.364	37.7165				2045.93862	RS-700	0.53700806
8956	9/4/2019 9:45:55		-122.364	37.7165				2060.93905	RS-700	0.611637065
8957	9/4/2019 9:45:56		-122.364	37.7165				1994.91183	RS-700	0.283143433
8958	9/4/2019 9:45:57		-122.364	37.7165				1927.0742	RS-700	-0.054357214
8959	9/4/2019 9:45:58		-122.364	37.7165				1948.30433	RS-700	0.051265323
8960	9/4/2019 9:45:59		-122.364	37.7165				1918.78437	RS-700	-0.095600149
8961	9/4/2019 9:46:00		-122.364	37.7165				1949.89518	RS-700	0.05918
8962	9/4/2019 9:46:01		-122.364	37.7165				1929.49837	RS-700	-0.042296667
8963	9/4/2019 9:46:02		-122.364	37.7165				1918.20509	RS-700	-0.098482139
8964	9/4/2019 9:46:03		-122.364	37.7165				1819.01008	RS-700	-0.591989652
8965	9/4/2019 9:46:04		-122.364	37.7165				1876.47944	RS-700	-0.306072438
8966	9/4/2019 9:46:05		-122.364	37.7165				1955.89333	RS-700	0.089021542

Gamma Scan Survey Results
Survey Unit 5 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
8967	9/4/2019 9:46:06		-122.363	37.7165				2047.9207	RS-700	0.546869154
8968	9/4/2019 9:46:07		-122.363	37.7165				1982.20702	RS-700	0.219935423
8969	9/4/2019 9:46:08		-122.363	37.7165				1883.76335	RS-700	-0.26983408
8970	9/4/2019 9:46:09		-122.363	37.7165				2044.6293	RS-700	0.53049403
8971	9/4/2019 9:46:10		-122.363	37.7165				1971.41109	RS-700	0.166224328
8972	9/4/2019 9:46:11		-122.363	37.7165				2095.8706	RS-700	0.785425871
8973	9/4/2019 9:46:12		-122.363	37.7165				2074.6439	RS-700	0.679820398
8974	9/4/2019 9:46:13		-122.363	37.7165				2011.62916	RS-700	0.366314229
8975	9/4/2019 9:46:14		-122.363	37.7165				2055.26072	RS-700	0.583386667
8976	9/4/2019 9:46:15		-122.363	37.7164				1968.59588	RS-700	0.152218308
8977	9/4/2019 9:46:16		-122.363	37.7164				1964.8871	RS-700	0.133766667
8978	9/4/2019 9:46:17		-122.363	37.7164				1931.49662	RS-700	-0.032355124
8979	9/4/2019 9:46:18		-122.363	37.7164				1955.17309	RS-700	0.085438259
8980	9/4/2019 9:46:19		-122.363	37.7164				1921.97735	RS-700	-0.079714677
8981	9/4/2019 9:46:20		-122.363	37.7164				2072.53418	RS-700	0.669324279
8982	9/4/2019 9:46:21		-122.363	37.7164				2077.94971	RS-700	0.696267214
8983	9/4/2019 9:46:22		-122.363	37.7164				2117.86438	RS-700	0.894847662
8984	9/4/2019 9:46:23		-122.363	37.7164				2040.93405	RS-700	0.512109701
8985	9/4/2019 9:46:24		-122.363	37.7164				2045.33037	RS-700	0.53398194
8986	9/4/2019 9:46:25		-122.363	37.7164				2065.94608	RS-700	0.636547662
8987	9/4/2019 9:46:26		-122.363	37.7164				2063.43987	RS-700	0.624078955
8988	9/4/2019 9:46:27		-122.363	37.7164				1993.10843	RS-700	0.274171294
8989	9/4/2019 9:46:28		-122.363	37.7164				2060.63189	RS-700	0.610108905
8990	9/4/2019 9:46:29		-122.363	37.7164				2111.64538	RS-700	0.863907363
8991	9/4/2019 9:46:30		-122.363	37.7164				2122.97086	RS-700	0.920253035
8992	9/4/2019 9:46:31		-122.363	37.7164				2017.70318	RS-700	0.396533234
8993	9/4/2019 9:46:32		-122.363	37.7164				2107.86166	RS-700	0.845082886
8994	9/4/2019 9:46:33		-122.363	37.7164				2105.64811	RS-700	0.834070199
8995	9/4/2019 9:46:34		-122.363	37.7164				2091.36422	RS-700	0.76300607
8996	9/4/2019 9:46:35		-122.363	37.7164				2033.53387	RS-700	0.475292886
8997	9/4/2019 9:46:36		-122.363	37.7164				2011.31801	RS-700	0.364766219
8998	9/4/2019 9:46:37		-122.363	37.7164				2029.62927	RS-700	0.455867015
8999	9/4/2019 9:46:38		-122.363	37.7164				2000.61889	RS-700	0.311536766
9000	9/4/2019 9:46:39		-122.363	37.7164				2007.62248	RS-700	0.346380498
9001	9/4/2019 9:46:40		-122.363	37.7163				1937.39703	RS-700	-0.002999851
9002	9/4/2019 9:46:41		-122.363	37.7163				1992.51054	RS-700	0.271196716
9003	9/4/2019 9:46:42		-122.363	37.7163				1988.91412	RS-700	0.25330408
9004	9/4/2019 9:46:43		-122.363	37.7163				2032.52554	RS-700	0.470276318
9005	9/4/2019 9:46:44		-122.363	37.7163				2075.64046	RS-700	0.684778408
9006	9/4/2019 9:46:45		-122.363	37.7163				2120.88046	RS-700	0.909853035
9007	9/4/2019 9:46:46		-122.363	37.7163				2147.19986	RS-700	1.040795323
9008	9/4/2019 9:46:47		-122.363	37.7163				2223.36094	RS-700	1.419706169
9009	9/4/2019 9:46:48		-122.363	37.7163				2279.81897	RS-700	1.700591891
9010	9/4/2019 9:46:49		-122.363	37.7163				2114.96626	RS-700	0.880429154
9011	9/4/2019 9:46:50		-122.363	37.7163				2121.28227	RS-700	0.91185209
9012	9/4/2019 9:46:51		-122.363	37.7163				2081.25775	RS-700	0.712725124
9013	9/4/2019 9:46:52		-122.363	37.7163				2134.97659	RS-700	0.979983035
9014	9/4/2019 9:46:53		-122.363	37.7163				2014.51599	RS-700	0.380676567
9015	9/4/2019 9:46:54		-122.363	37.7163				2004.12135	RS-700	0.32896194
9016	9/4/2019 9:46:55		-122.363	37.7163				1953.20917	RS-700	0.075667512
9017	9/4/2019 9:46:56		-122.363	37.7163				2080.41881	RS-700	0.708551294
9018	9/4/2019 9:46:57		-122.363	37.7163				2051.94456	RS-700	0.566888358
9019	9/4/2019 9:46:58		-122.363	37.7163				2043.83434	RS-700	0.526539005
9020	9/4/2019 9:46:59		-122.363	37.7163				1954.50468	RS-700	0.082112836
9021	9/4/2019 9:47:00		-122.363	37.7163				2067.61492	RS-700	0.644850348
9022	9/4/2019 9:47:01		-122.363	37.7163				2009.62466	RS-700	0.356341592
9023	9/4/2019 9:47:02		-122.363	37.7163				2092.70134	RS-700	0.769658408
9024	9/4/2019 9:47:03		-122.363	37.7162				2088.32804	RS-700	0.747900697
9025	9/4/2019 9:47:04		-122.363	37.7162				2152.18495	RS-700	1.065596766
9026	9/4/2019 9:47:05		-122.363	37.7162				2007.61577	RS-700	0.346347114
9027	9/4/2019 9:47:06		-122.363	37.7162				1956.50459	RS-700	0.092062637

Gamma Scan Survey Results
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SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
9028	9/4/2019 9:47:07		-122.363	37.7162				1978.01288	RS-700	0.199069055
9029	9/4/2019 9:47:08		-122.363	37.7162				2026.83346	RS-700	0.441957512
9030	9/4/2019 9:47:09		-122.363	37.7162				2131.61637	RS-700	0.963265522
9031	9/4/2019 9:47:10		-122.363	37.7162				2055.83931	RS-700	0.586265224
9032	9/4/2019 9:47:11		-122.363	37.7162				2093.94698	RS-700	0.775855622
9033	9/4/2019 9:47:12		-122.363	37.7162				2088.54069	RS-700	0.748958657
9034	9/4/2019 9:47:13		-122.363	37.7162				2046.52329	RS-700	0.539916866
9035	9/4/2019 9:47:14		-122.363	37.7162				2061.73667	RS-700	0.615605323
9036	9/4/2019 9:47:15		-122.363	37.7162				1974.80442	RS-700	0.183106567
9037	9/4/2019 9:47:16		-122.363	37.7162				2069.15477	RS-700	0.652511294
9038	9/4/2019 9:47:17		-122.363	37.7162				2079.65229	RS-700	0.704737761
9039	9/4/2019 9:47:18		-122.363	37.7162				1954.60869	RS-700	0.082630299
9040	9/4/2019 9:47:19		-122.363	37.7162				2063.42797	RS-700	0.624019751
9041	9/4/2019 9:47:20		-122.363	37.7162				2010.53392	RS-700	0.360865274
9042	9/4/2019 9:47:21		-122.363	37.7162				1978.60909	RS-700	0.202035274
9043	9/4/2019 9:47:22		-122.363	37.7162				1982.90746	RS-700	0.223420199
9044	9/4/2019 9:47:23		-122.363	37.7162				1973.79452	RS-700	0.178082189
9045	9/4/2019 9:47:24		-122.363	37.7162				1997.20085	RS-700	0.294531592
9046	9/4/2019 9:47:25		-122.363	37.7162				1966.30769	RS-700	0.140834279
9047	9/4/2019 9:47:26		-122.363	37.7162				1917.07313	RS-700	-0.104113781
9048	9/4/2019 9:47:27		-122.363	37.7162				1759.89777	RS-700	-0.886080746
9049	9/4/2019 9:47:28		-122.363	37.7162				1623.43231	RS-700	-1.565013383
9050	9/4/2019 9:47:29		-122.363	37.7162				1612.64963	RS-700	-1.618658557
9051	9/4/2019 9:47:30		-122.363	37.7161				1723.36442	RS-700	-1.067838706
9052	9/4/2019 9:47:31		-122.363	37.7161				1313.33718	RS-700	-3.107775224
9053	9/4/2019 9:47:32		-122.363	37.7161				1167.24162	RS-700	-3.834618806
9054	9/4/2019 9:47:33		-122.363	37.7161				1619.65907	RS-700	-1.583785721
9055	9/4/2019 9:47:34		-122.363	37.7161				1707.60956	RS-700	-1.146221095
9056	9/4/2019 9:47:35		-122.363	37.7161				1960.41896	RS-700	0.111537114
9057	9/4/2019 9:47:36		-122.363	37.7161				2102.96814	RS-700	0.820737015
9058	9/4/2019 9:47:37		-122.363	37.7161				2147.88407	RS-700	1.044199353
9059	9/4/2019 9:47:38		-122.363	37.7161				2213.79386	RS-700	1.372108756
9060	9/4/2019 9:47:39		-122.363	37.7161				2183.65815	RS-700	1.222179851
9061	9/4/2019 9:47:40		-122.363	37.7161				2036.62812	RS-700	0.490687164
9062	9/4/2019 9:47:41		-122.363	37.7161				2006.71823	RS-700	0.341881741
9063	9/4/2019 9:47:42		-122.363	37.7161				2082.1626	RS-700	0.717226866
9064	9/4/2019 9:47:43		-122.363	37.7161				2114.99843	RS-700	0.880589204
9065	9/4/2019 9:47:44		-122.363	37.7161				1984.71673	RS-700	0.232421542
9066	9/4/2019 9:47:45		-122.363	37.7161				1993.81384	RS-700	0.277680796
9067	9/4/2019 9:47:46		-122.363	37.7161				1995.01178	RS-700	0.283640697
9068	9/4/2019 9:47:47		-122.363	37.7161				2024.23408	RS-700	0.429025274
9069	9/4/2019 9:47:48		-122.363	37.7161				1965.39102	RS-700	0.136273731
9070	9/4/2019 9:47:49		-122.363	37.7161				1918.78748	RS-700	-0.095584677
9071	9/4/2019 9:47:50		-122.363	37.7161				1634.99424	RS-700	-1.507491343
9072	9/4/2019 9:47:51		-122.363	37.7161				1497.2211	RS-700	-2.192929851
9073	9/4/2019 9:47:52		-122.363	37.7161				1438.52945	RS-700	-2.484928109
9074	9/4/2019 9:47:53		-122.363	37.7161				1331.25206	RS-700	-3.018646468
9075	9/4/2019 9:47:54		-122.363	37.7161				1400.38729	RS-700	-2.6746901
9076	9/4/2019 9:47:55		-122.363	37.7161				1776.64086	RS-700	-0.802781791
9077	9/4/2019 9:47:56		-122.363	37.7161				1976.80602	RS-700	0.193064776
9078	9/4/2019 9:47:57		-122.363	37.7161				2088.76248	RS-700	0.75006209
9079	9/4/2019 9:47:58		-122.363	37.7161				1968.90322	RS-700	0.153747363
9080	9/4/2019 9:47:59		-122.363	37.716				1970.70903	RS-700	0.162731493
9081	9/4/2019 9:48:00		-122.363	37.716				1967.98731	RS-700	0.149190597
9082	9/4/2019 9:48:01		-122.363	37.716				1974.10746	RS-700	0.179639104
9083	9/4/2019 9:48:02		-122.363	37.716				1952.69874	RS-700	0.07312806
9084	9/4/2019 9:48:03		-122.363	37.716				1862.68761	RS-700	-0.374688507
9085	9/4/2019 9:48:04		-122.363	37.716				1595.4924	RS-700	-1.70401791
9086	9/4/2019 9:48:05		-122.363	37.716				1505.61347	RS-700	-2.151176766
9087	9/4/2019 9:48:06		-122.363	37.716				1780.54996	RS-700	-0.783333532
9088	9/4/2019 9:48:07		-122.363	37.716				2006.92862	RS-700	0.342928458

Gamma Scan Survey Results
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SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
9089	9/4/2019 9:48:08		-122.363	37.716				2089.85868	RS-700	0.755515821
9090	9/4/2019 9:48:09		-122.363	37.716				2134.98179	RS-700	0.980008905
9091	9/4/2019 9:48:10		-122.363	37.716				2043.93549	RS-700	0.527042239
9092	9/4/2019 9:48:11		-122.363	37.716				2026.02035	RS-700	0.437912189
9093	9/4/2019 9:48:12		-122.363	37.716				2115.08627	RS-700	0.881026219
9094	9/4/2019 9:48:13		-122.363	37.716				1992.00726	RS-700	0.268692836
9095	9/4/2019 9:48:14		-122.363	37.716				2106.75217	RS-700	0.839563035
9096	9/4/2019 9:48:15		-122.363	37.716				1964.60477	RS-700	0.13236204
9097	9/4/2019 9:48:16		-122.363	37.716				2103.33156	RS-700	0.822545075
9098	9/4/2019 9:48:17		-122.363	37.716				2021.72219	RS-700	0.416528308
9099	9/4/2019 9:48:18		-122.363	37.716				2025.02739	RS-700	0.43297209
9100	9/4/2019 9:48:19		-122.363	37.716				2079.26397	RS-700	0.702805821
9101	9/4/2019 9:48:20		-122.363	37.716				2039.52547	RS-700	0.505101841
9102	9/4/2019 9:48:21		-122.363	37.716				2112.84723	RS-700	0.869886716
9103	9/4/2019 9:48:22		-122.363	37.716				2090.42641	RS-700	0.758340348
9104	9/4/2019 9:48:23		-122.363	37.716				2039.8408	RS-700	0.506670647
9105	9/4/2019 9:48:24		-122.363	37.716				2045.63416	RS-700	0.535493333
9106	9/4/2019 9:48:25		-122.363	37.716				2046.71741	RS-700	0.540882637
9107	9/4/2019 9:48:26		-122.363	37.716				2009.22166	RS-700	0.354336617
9108	9/4/2019 9:48:27		-122.363	37.716				2064.84755	RS-700	0.631082338
9109	9/4/2019 9:48:28		-122.363	37.716				2145.34231	RS-700	1.031553781
9110	9/4/2019 9:48:29		-122.363	37.716				2009.82013	RS-700	0.35731408
9111	9/4/2019 9:48:30		-122.363	37.716				2037.7276	RS-700	0.496157214
9112	9/4/2019 9:48:31		-122.363	37.716				1993.60454	RS-700	0.276639502
9113	9/4/2019 9:48:32		-122.363	37.7159				2005.30197	RS-700	0.334835672
9114	9/4/2019 9:48:33		-122.363	37.7159				2155.87524	RS-700	1.083956418
9115	9/4/2019 9:48:34		-122.363	37.7159				2077.64025	RS-700	0.694727612
9116	9/4/2019 9:48:35		-122.363	37.7159				2041.44922	RS-700	0.514672736
9117	9/4/2019 9:48:36		-122.363	37.7159				2042.93749	RS-700	0.522077065
9118	9/4/2019 9:48:37		-122.363	37.7159				2011.02291	RS-700	0.36329806
9119	9/4/2019 9:48:38		-122.363	37.7159				2098.75611	RS-700	0.799781642
9120	9/4/2019 9:48:39		-122.363	37.7159				1949.40486	RS-700	0.056740597
9121	9/4/2019 9:48:40		-122.363	37.7159				2058.14148	RS-700	0.597718806
9122	9/4/2019 9:48:41		-122.363	37.7159				1979.73754	RS-700	0.207649453
9123	9/4/2019 9:48:42		-122.363	37.7159				2028.84925	RS-700	0.451986318
9124	9/4/2019 9:48:43		-122.363	37.7159				2098.74606	RS-700	0.799731642
9125	9/4/2019 9:48:44		-122.363	37.7159				2001.71619	RS-700	0.31699597
9126	9/4/2019 9:48:45		-122.363	37.7159				2011.62318	RS-700	0.366284478
9127	9/4/2019 9:48:46		-122.363	37.7159				1958.50522	RS-700	0.10201602
9128	9/4/2019 9:48:47		-122.363	37.7159				1984.49957	RS-700	0.231341144
9129	9/4/2019 9:48:48		-122.363	37.7159				2020.72042	RS-700	0.411544378
9130	9/4/2019 9:48:49		-122.363	37.7159				1949.90329	RS-700	0.059220348
9131	9/4/2019 9:48:50		-122.363	37.7159				1886.6803	RS-700	-0.255321891
9132	9/4/2019 9:48:51		-122.363	37.7159				1870.57016	RS-700	-0.335471841
9133	9/4/2019 9:48:52		-122.363	37.7159				1920.09794	RS-700	-0.089064975
9134	9/4/2019 9:48:53		-122.363	37.7159				1926.68634	RS-700	-0.056286866
9135	9/4/2019 9:48:54		-122.363	37.7159				1927.88298	RS-700	-0.050333433
9136	9/4/2019 9:48:55		-122.363	37.7159				1874.95014	RS-700	-0.313680896
9137	9/4/2019 9:48:56		-122.362	37.7159				1941.69405	RS-700	0.018378358
9138	9/4/2019 9:48:57		-122.362	37.7159				1850.66233	RS-700	-0.434515771
9139	9/4/2019 9:48:58		-122.362	37.7159				1791.37258	RS-700	-0.729489652
9140	9/4/2019 9:48:59		-122.362	37.7159				1875.86334	RS-700	-0.309137612
9141	9/4/2019 9:49:00		-122.362	37.7159				1872.67359	RS-700	-0.325007015
9142	9/4/2019 9:49:01		-122.362	37.7159				1810.82692	RS-700	-0.632701891
9143	9/4/2019 9:49:02		-122.362	37.7158				1816.28807	RS-700	-0.60553199
9144	9/4/2019 9:49:03		-122.362	37.7158				1783.63152	RS-700	-0.768002388
9145	9/4/2019 9:49:04		-122.362	37.7158				1661.42954	RS-700	-1.375972438
9146	9/4/2019 9:49:05		-122.362	37.7158				1795.73744	RS-700	-0.70777393
9147	9/4/2019 9:49:06		-122.362	37.7158				1918.98379	RS-700	-0.09460801
9148	9/4/2019 9:49:07		-122.362	37.7158				2018.82456	RS-700	0.402112239
9149	9/4/2019 9:49:08		-122.362	37.7158				1929.59273	RS-700	-0.041827214

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SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
9150	9/4/2019 9:49:09		-122.362	37.7158				2030.52835	RS-700	0.46034005
9151	9/4/2019 9:49:10		-122.362	37.7158				2022.72739	RS-700	0.421529303
9152	9/4/2019 9:49:11		-122.362	37.7158				2028.72798	RS-700	0.451382985
9153	9/4/2019 9:49:12		-122.362	37.7158				2049.52822	RS-700	0.554866766
9154	9/4/2019 9:49:13		-122.362	37.7158				2125.41872	RS-700	0.932431443
9155	9/4/2019 9:49:14		-122.362	37.7158				2043.84981	RS-700	0.52661597
9156	9/4/2019 9:49:15		-122.362	37.7158				1960.5108	RS-700	0.11199403
9157	9/4/2019 9:49:16		-122.362	37.7158				2073.66231	RS-700	0.674936866
9158	9/4/2019 9:49:17		-122.362	37.7158				1972.51175	RS-700	0.171700249
9159	9/4/2019 9:49:18		-122.362	37.7158				1581.32751	RS-700	-1.77449
9160	9/4/2019 9:49:19		-122.362	37.7158				1318.70355	RS-700	-3.081076866
9161	9/4/2019 9:49:20		-122.362	37.7158				1342.08543	RS-700	-2.964749104
9162	9/4/2019 9:49:21		-122.362	37.7158				1324.14227	RS-700	-3.054018557
9163	9/4/2019 9:49:22		-122.362	37.7158				1807.36805	RS-700	-0.649910199
9164	9/4/2019 9:49:23		-122.362	37.7158				2023.72308	RS-700	0.426482985
9165	9/4/2019 9:49:24		-122.362	37.7158				2109.70689	RS-700	0.854263134
9166	9/4/2019 9:49:25		-122.362	37.7158				2074.94893	RS-700	0.68133796
9167	9/4/2019 9:49:26		-122.362	37.7158				2093.51382	RS-700	0.773700597
9168	9/4/2019 9:49:27		-122.362	37.7157				2118.0149	RS-700	0.895596517
9169	9/4/2019 9:49:28		-122.362	37.7157				2085.53395	RS-700	0.733999751
9170	9/4/2019 9:49:29		-122.362	37.7157				2062.16175	RS-700	0.617720149
9171	9/4/2019 9:49:30		-122.362	37.7157				2051.25783	RS-700	0.563471791
9172	9/4/2019 9:49:31		-122.362	37.7157				2052.94763	RS-700	0.571878756
9173	9/4/2019 9:49:32		-122.362	37.7157				2013.71938	RS-700	0.376713333
9174	9/4/2019 9:49:33		-122.362	37.7157				2055.73797	RS-700	0.585761045
9175	9/4/2019 9:49:34		-122.362	37.7157				2090.64395	RS-700	0.759422637
9176	9/4/2019 9:49:35		-122.362	37.7157				2081.63334	RS-700	0.714593731
9177	9/4/2019 9:49:36		-122.362	37.7157				2084.75575	RS-700	0.730128109
9178	9/4/2019 9:49:37		-122.362	37.7157				2056.74116	RS-700	0.59075204
9179	9/4/2019 9:49:38		-122.362	37.7157				2133.97629	RS-700	0.975006418
9180	9/4/2019 9:49:39		-122.362	37.7157				2254.15088	RS-700	1.57288995
9181	9/4/2019 9:49:40		-122.362	37.7157				2368.73094	RS-700	2.14294
9182	9/4/2019 9:49:41		-122.362	37.7157				2439.60846	RS-700	2.495564478
9183	9/4/2019 9:49:42		-122.362	37.7157				2515.02746	RS-700	2.870783383
9184	9/4/2019 9:49:43		-122.362	37.7157				2571.05051	RS-700	3.149505025
9185	9/4/2019 9:49:44		-122.362	37.7157				2566.31753	RS-700	3.125957861
9186	9/4/2019 9:49:45		-122.362	37.7157				2543.17276	RS-700	3.010809751
9187	9/4/2019 9:49:46		-122.362	37.7157				2546.66104	RS-700	3.028164378
9188	9/4/2019 9:49:47		-122.362	37.7157				2493.14322	RS-700	2.761906567
9189	9/4/2019 9:49:48		-122.362	37.7157				2490.88222	RS-700	2.750657811
9190	9/4/2019 9:49:49		-122.362	37.7157				2556.16062	RS-700	3.07542597
9191	9/4/2019 9:49:50		-122.362	37.7157				2577.18069	RS-700	3.180003433
9192	9/4/2019 9:49:51		-122.362	37.7157				2589.3229	RS-700	3.240412438
9193	9/4/2019 9:49:52		-122.362	37.7157				2476.12258	RS-700	2.677226766
9194	9/4/2019 9:49:53		-122.362	37.7157				2489.89251	RS-700	2.745733881
9195	9/4/2019 9:49:54		-122.362	37.7157				2418.12184	RS-700	2.388665871
9196	9/4/2019 9:49:55		-122.362	37.7157				2340.07341	RS-700	2.000365224
9197	9/4/2019 9:49:56		-122.362	37.7157				2248.81064	RS-700	1.546321592
9198	9/4/2019 9:49:57		-122.362	37.7157				2413.98545	RS-700	2.368086816
9199	9/4/2019 9:49:58		-122.362	37.7157				2425.37674	RS-700	2.424759901
9200	9/4/2019 9:49:59		-122.362	37.7157				2489.16865	RS-700	2.742132587
9201	9/4/2019 9:50:00		-122.362	37.7157				2528.66826	RS-700	2.93864806
9202	9/4/2019 9:50:01		-122.362	37.7157				2529.28529	RS-700	2.941717861
9203	9/4/2019 9:50:02		-122.362	37.7157				2524.03781	RS-700	2.915610995
9204	9/4/2019 9:50:03		-122.362	37.7157				2419.21504	RS-700	2.394104677
9205	9/4/2019 9:50:04		-122.362	37.7157				2439.97096	RS-700	2.49736796
9206	9/4/2019 9:50:05		-122.362	37.7157				2550.42665	RS-700	3.046898756
9207	9/4/2019 9:50:06		-122.362	37.7157				2450.02225	RS-700	2.547374378
9208	9/4/2019 9:50:07		-122.362	37.7157				2373.9691	RS-700	2.169000498
9209	9/4/2019 9:50:08		-122.362	37.7157				2201.99526	RS-700	1.313409254
9210	9/4/2019 9:50:09		-122.362	37.7157				2138.19023	RS-700	0.995971294

Gamma Scan Survey Results
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SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
9211	9/4/2019 9:50:10		-122.362	37.7157				2123.08091	RS-700	0.920800547
9212	9/4/2019 9:50:11		-122.362	37.7157				2084.9588	RS-700	0.731138308
9213	9/4/2019 9:50:12		-122.362	37.7157				2110.43635	RS-700	0.857892289
9214	9/4/2019 9:50:13		-122.362	37.7157				2146.77052	RS-700	1.038659303
9215	9/4/2019 9:50:14		-122.362	37.7157				2039.72726	RS-700	0.506105771
9216	9/4/2019 9:50:15		-122.362	37.7156				1983.80762	RS-700	0.227898607
9217	9/4/2019 9:50:16		-122.362	37.7156				1932.69702	RS-700	-0.026382985
9218	9/4/2019 9:50:17		-122.362	37.7156				2018.02291	RS-700	0.39812393
9219	9/4/2019 9:50:18		-122.362	37.7156				1983.68792	RS-700	0.227303085
9220	9/4/2019 9:50:19		-122.362	37.7156				1942.69644	RS-700	0.023365373
9221	9/4/2019 9:50:20		-122.362	37.7156				1879.29722	RS-700	-0.292053632
9222	9/4/2019 9:50:21		-122.362	37.7156				1936.8916	RS-700	-0.005514428
9223	9/4/2019 9:50:22		-122.362	37.7156				1996.82598	RS-700	0.292666567
9224	9/4/2019 9:50:23		-122.362	37.7156				2001.6201	RS-700	0.31651791
9225	9/4/2019 9:50:24		-122.362	37.7156				1912.39331	RS-700	-0.127396468
9226	9/4/2019 9:50:25		-122.362	37.7156				1948.28009	RS-700	0.051144726
9227	9/4/2019 9:50:26		-122.362	37.7156				1927.16634	RS-700	-0.053898806
9228	9/4/2019 9:50:27		-122.362	37.7156				1958.30757	RS-700	0.101032687
9229	9/4/2019 9:50:28		-122.362	37.7156				1929.79207	RS-700	-0.040835473
9230	9/4/2019 9:50:29		-122.362	37.7156				1912.49986	RS-700	-0.126866368
9231	9/4/2019 9:50:30		-122.362	37.7156				2030.52452	RS-700	0.460320995
9232	9/4/2019 9:50:31		-122.362	37.7156				2023.43671	RS-700	0.425058259
9233	9/4/2019 9:50:32		-122.362	37.7156				1960.80177	RS-700	0.113441642
9234	9/4/2019 9:50:33		-122.362	37.7156				2036.52452	RS-700	0.490171741
9235	9/4/2019 9:50:34		-122.362	37.7157				2052.0431	RS-700	0.567378607
9236	9/4/2019 9:50:35		-122.362	37.7157				2037.03576	RS-700	0.492715224
9237	9/4/2019 9:50:36		-122.362	37.7157				2033.42827	RS-700	0.474767512
9238	9/4/2019 9:50:37		-122.362	37.7157				2040.84682	RS-700	0.511675721
9239	9/4/2019 9:50:38		-122.362	37.7157				2126.65548	RS-700	0.938584478
9240	9/4/2019 9:50:39		-122.362	37.7157				2189.55995	RS-700	1.25154204
9241	9/4/2019 9:50:40		-122.362	37.7157				2197.67832	RS-700	1.29193194
9242	9/4/2019 9:50:41		-122.362	37.7157				2299.05046	RS-700	1.796270945
9243	9/4/2019 9:50:42		-122.362	37.7157				2310.17586	RS-700	1.851621194
9244	9/4/2019 9:50:43		-122.362	37.7157				2351.48164	RS-700	2.057122587
9245	9/4/2019 9:50:44		-122.362	37.7157				2389.5528	RS-700	2.246531343
9246	9/4/2019 9:50:45		-122.362	37.7157				2285.94329	RS-700	1.731061144
9247	9/4/2019 9:50:46		-122.362	37.7157				2211.02034	RS-700	1.358310149
9248	9/4/2019 9:50:47		-122.362	37.7157				2243.91562	RS-700	1.521968259
9249	9/4/2019 9:50:48		-122.362	37.7157				2273.92302	RS-700	1.671258806
9250	9/4/2019 9:50:49		-122.362	37.7157				2271.17547	RS-700	1.657589403
9251	9/4/2019 9:50:50		-122.362	37.7157				2213.22769	RS-700	1.36929199
9252	9/4/2019 9:50:51		-122.362	37.7157				2248.88476	RS-700	1.546690348
9253	9/4/2019 9:50:52		-122.362	37.7157				2255.25682	RS-700	1.578392139
9254	9/4/2019 9:50:53		-122.362	37.7157				2253.14308	RS-700	1.56787602
9255	9/4/2019 9:50:54		-122.362	37.7157				2248.69375	RS-700	1.54574005
9256	9/4/2019 9:50:55		-122.362	37.7157				2289.16195	RS-700	1.747074378
9257	9/4/2019 9:50:56		-122.362	37.7157				2184.46274	RS-700	1.226182786
9258	9/4/2019 9:50:57		-122.362	37.7157				2252.14415	RS-700	1.562906219
9259	9/4/2019 9:50:58		-122.362	37.7157				2179.89707	RS-700	1.20346801
9260	9/4/2019 9:50:59		-122.362	37.7157				2098.06494	RS-700	0.796342985
9261	9/4/2019 9:51:00		-122.362	37.7157				2180.34046	RS-700	1.20567393
9262	9/4/2019 9:51:01		-122.362	37.7157				2109.75706	RS-700	0.854512736
9263	9/4/2019 9:51:02		-122.362	37.7157				2134.55144	RS-700	0.977867861
9264	9/4/2019 9:51:03		-122.362	37.7157				2171.66734	RS-700	1.16252408
9265	9/4/2019 9:51:04		-122.362	37.7157				2232.46434	RS-700	1.464996716
9266	9/4/2019 9:51:05		-122.362	37.7157				2331.65381	RS-700	1.958476667
9267	9/4/2019 9:51:06		-122.362	37.7157				2360.44107	RS-700	2.101696866
9268	9/4/2019 9:51:07		-122.362	37.7157				2455.8765	RS-700	2.5765
9269	9/4/2019 9:51:08		-122.362	37.7157				2312.16881	RS-700	1.861536368
9270	9/4/2019 9:51:09		-122.362	37.7157				2235.91195	RS-700	1.482149005
9271	9/4/2019 9:51:10		-122.362	37.7157				2222.90994	RS-700	1.417462388

Gamma Scan Survey Results
Survey Unit 5 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
9272	9/4/2019 9:51:11		-122.362	37.7157				2191.12051	RS-700	1.25930602
9273	9/4/2019 9:51:12		-122.362	37.7157				2111.65394	RS-700	0.86394995
9274	9/4/2019 9:51:13		-122.362	37.7157				1973.10418	RS-700	0.174647662
9275	9/4/2019 9:51:14		-122.362	37.7157				1821.58527	RS-700	-0.579177761
9276	9/4/2019 9:51:15		-122.362	37.7157				2160.55378	RS-700	1.107232736
9277	9/4/2019 9:51:16		-122.362	37.7157				2105.96365	RS-700	0.83564005
9278	9/4/2019 9:51:17		-122.362	37.7157				1999.81226	RS-700	0.307523682
9279	9/4/2019 9:51:18		-122.362	37.7156				2092.53892	RS-700	0.768850348
9280	9/4/2019 9:51:19		-122.362	37.7156				2070.46565	RS-700	0.659033085
9281	9/4/2019 9:51:20		-122.362	37.7156				2041.63095	RS-700	0.515576866
9282	9/4/2019 9:51:21		-122.362	37.7156				1970.69487	RS-700	0.162661045
9283	9/4/2019 9:51:22		-122.362	37.7156				2050.62826	RS-700	0.560339602
9284	9/4/2019 9:51:23		-122.362	37.7157				2117.86872	RS-700	0.894869254
9285	9/4/2019 9:51:24		-122.362	37.7157				2158.778	RS-700	1.09839801
9286	9/4/2019 9:51:25		-122.362	37.7157				2056.32074	RS-700	0.588660398
9287	9/4/2019 9:51:26		-122.362	37.7157				2193.89653	RS-700	1.273117065
9288	9/4/2019 9:51:27		-122.362	37.7157				2350.71915	RS-700	2.053329104
9289	9/4/2019 9:51:28		-122.362	37.7157				2378.09445	RS-700	2.189524627
9290	9/4/2019 9:51:29		-122.362	37.7157				2475.87529	RS-700	2.675996468
9291	9/4/2019 9:51:30		-122.362	37.7157				2474.98466	RS-700	2.671565473
9292	9/4/2019 9:51:31		-122.362	37.7157				2574.7959	RS-700	3.168138806
9293	9/4/2019 9:51:32		-122.362	37.7157				2494.64115	RS-700	2.769358955
9294	9/4/2019 9:51:33		-122.362	37.7157				2490.00152	RS-700	2.746276219
9295	9/4/2019 9:51:34		-122.362	37.7157				2480.8835	RS-700	2.700912935
9296	9/4/2019 9:51:35		-122.362	37.7157				2408.82241	RS-700	2.34240005
9297	9/4/2019 12:10:51		-122.362	37.7157				2486.26192	RS-700	2.727671244
9298	9/4/2019 12:10:52		-122.362	37.7157				2426.85581	RS-700	2.432118458
9299	9/4/2019 12:10:53		-122.362	37.7157				2528.39814	RS-700	2.937304179
9300	9/4/2019 12:10:54		-122.362	37.7157				2495.02684	RS-700	2.771277811
9301	9/4/2019 12:10:55		-122.362	37.7157				2476.60119	RS-700	2.67960791
9302	9/4/2019 12:10:56		-122.362	37.7157				2469.87008	RS-700	2.646119801
9303	9/4/2019 12:10:57		-122.362	37.7157				2429.25913	RS-700	2.444075274
9304	9/4/2019 12:10:58		-122.362	37.7157				2493.02462	RS-700	2.761316517
9305	9/4/2019 12:10:59		-122.362	37.7157				2361.29583	RS-700	2.105949403
9306	9/4/2019 12:11:00		-122.362	37.7157				2260.02558	RS-700	1.602117313
9307	9/4/2019 12:11:01		-122.362	37.7157				2187.79123	RS-700	1.242742438
9308	9/4/2019 12:11:02		-122.362	37.7157				1843.48482	RS-700	-0.470224776
9309	9/4/2019 12:11:03		-122.362	37.7156				1897.30283	RS-700	-0.202473483
9310	9/4/2019 12:11:04		-122.362	37.7156				2133.18215	RS-700	0.971055473
9311	9/4/2019 12:11:05		-122.362	37.7156				2116.83103	RS-700	0.889706617
9312	9/4/2019 12:11:06		-122.362	37.7156				1983.1984	RS-700	0.224867662
9313	9/4/2019 12:11:07		-122.362	37.7156				2045.93022	RS-700	0.536966269
9314	9/4/2019 12:11:08		-122.362	37.7156				1994.20758	RS-700	0.279639701
9315	9/4/2019 12:11:09		-122.362	37.7156				2009.11471	RS-700	0.353804527
9316	9/4/2019 12:11:10		-122.362	37.7156				2019.71831	RS-700	0.406558756
9317	9/4/2019 12:11:11		-122.362	37.7156				2029.71915	RS-700	0.456314179
9318	9/4/2019 12:11:12		-122.362	37.7156				1881.5709	RS-700	-0.280741791
9319	9/4/2019 12:11:13		-122.362	37.7156				2012.91714	RS-700	0.37272209
9320	9/4/2019 12:11:14		-122.362	37.7156				1905.48994	RS-700	-0.161741592
9321	9/4/2019 12:11:15		-122.362	37.7156				1967.40352	RS-700	0.146286169
9322	9/4/2019 12:11:16		-122.362	37.7156				2058.34207	RS-700	0.598716766
9323	9/4/2019 12:11:17		-122.362	37.7156				2059.52444	RS-700	0.604599204
9324	9/4/2019 12:11:18		-122.362	37.7156				1946.49793	RS-700	0.042278259
9325	9/4/2019 12:11:19		-122.362	37.7156				1978.02798	RS-700	0.199144179
9326	9/4/2019 12:11:20		-122.362	37.7156				1968.5711	RS-700	0.152095025
9327	9/4/2019 12:11:21		-122.362	37.7156				1946.59742	RS-700	0.042773234
9328	9/4/2019 12:11:22		-122.362	37.7156				1986.30831	RS-700	0.240339851
9329	9/4/2019 12:11:23		-122.362	37.7156				1973.79789	RS-700	0.178098955
9330	9/4/2019 12:11:24		-122.362	37.7156				1996.59483	RS-700	0.291516567
9331	9/4/2019 12:11:25		-122.362	37.7156				1917.30179	RS-700	-0.102976169
9332	9/4/2019 12:11:26		-122.362	37.7156				1901.67347	RS-700	-0.180729005

Gamma Scan Survey Results
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SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
9333	9/4/2019 12:11:27		-122.362	37.7156				1943.97382	RS-700	0.029720498
9334	9/4/2019 12:11:28		-122.362	37.7156				1921.68721	RS-700	-0.081158159
9335	9/4/2019 12:11:29		-122.362	37.7156				1934.87352	RS-700	-0.015554627
9336	9/4/2019 12:11:30		-122.362	37.7156				1922.0842	RS-700	-0.079183085
9337	9/4/2019 12:11:31		-122.362	37.7155				1984.60032	RS-700	0.231842388
9338	9/4/2019 12:11:32		-122.362	37.7155				2073.63533	RS-700	0.674802637
9339	9/4/2019 12:11:33		-122.362	37.7155				1980.11052	RS-700	0.209505075
9340	9/4/2019 12:11:34		-122.362	37.7155				2079.84208	RS-700	0.70568199
9341	9/4/2019 12:11:35		-122.362	37.7155				2040.62169	RS-700	0.510555672
9342	9/4/2019 12:11:36		-122.362	37.7155				1960.49958	RS-700	0.111938209
9343	9/4/2019 12:11:37		-122.362	37.7155				2087.21692	RS-700	0.742372736
9344	9/4/2019 12:11:38		-122.362	37.7155				1868.27644	RS-700	-0.346883383
9345	9/4/2019 12:11:39		-122.362	37.7155				1841.56044	RS-700	-0.479798806
9346	9/4/2019 12:11:40		-122.362	37.7155				1877.38093	RS-700	-0.301587413
9347	9/4/2019 12:11:41		-122.362	37.7155				1766.44696	RS-700	-0.853497711
9348	9/4/2019 12:11:42		-122.362	37.7155				1911.29049	RS-700	-0.132883134
9349	9/4/2019 12:11:43		-122.362	37.7155				1999.70738	RS-700	0.307001891
9350	9/4/2019 12:11:44		-122.362	37.7155				1987.59619	RS-700	0.246747214
9351	9/4/2019 12:11:45		-122.362	37.7155				2043.23087	RS-700	0.523536667
9352	9/4/2019 12:11:46		-122.362	37.7155				2028.61574	RS-700	0.450824577
9353	9/4/2019 12:11:47		-122.362	37.7155				1940.09985	RS-700	0.010447015
9354	9/4/2019 12:11:48		-122.362	37.7155				1744.6204	RS-700	-0.962087562
9355	9/4/2019 12:11:49		-122.362	37.7155				1967.60466	RS-700	0.147286866
9356	9/4/2019 12:11:50		-122.362	37.7155				2050.5209	RS-700	0.559805473
9357	9/4/2019 12:11:51		-122.362	37.7155				2063.73365	RS-700	0.625540547
9358	9/4/2019 12:11:52		-122.362	37.7155				1897.28992	RS-700	-0.202537711
9359	9/4/2019 12:11:53		-122.362	37.7155				1959.40027	RS-700	0.106469005
9360	9/4/2019 12:11:54		-122.362	37.7155				1961.48187	RS-700	0.116825224
9361	9/4/2019 12:11:55		-122.362	37.7155				2002.00887	RS-700	0.31845209
9362	9/4/2019 12:11:56		-122.362	37.7155				1942.9839	RS-700	0.024795522
9363	9/4/2019 12:11:57		-122.362	37.7154				1973.33234	RS-700	0.175782786
9364	9/4/2019 12:11:58		-122.362	37.7154				1780.44904	RS-700	-0.783835622
9365	9/4/2019 12:11:59		-122.362	37.7154				1897.48842	RS-700	-0.201550149
9366	9/4/2019 12:12:00		-122.362	37.7154				1932.58946	RS-700	-0.026918109
9367	9/4/2019 12:12:01		-122.362	37.7154				1908.48291	RS-700	-0.146851194
9368	9/4/2019 12:12:02		-122.362	37.7154				1955.79296	RS-700	0.088522189
9369	9/4/2019 12:12:03		-122.362	37.7154				1982.91247	RS-700	0.223445124
9370	9/4/2019 12:12:04		-122.362	37.7154				1914.41219	RS-700	-0.117352289
9371	9/4/2019 12:12:05		-122.362	37.7154				1875.86699	RS-700	-0.309119453
9372	9/4/2019 12:12:06		-122.362	37.7154				1826.64074	RS-700	-0.554026169
9373	9/4/2019 12:12:07		-122.362	37.7154				1824.27653	RS-700	-0.565788408
9374	9/4/2019 12:12:08		-122.362	37.7154				1943.30031	RS-700	0.026369701
9375	9/4/2019 12:12:09		-122.362	37.7154				1855.56326	RS-700	-0.410133035
9376	9/4/2019 12:12:10		-122.362	37.7154				1858.5715	RS-700	-0.395166667
9377	9/4/2019 12:12:11		-122.362	37.7154				1864.75119	RS-700	-0.36442194
9378	9/4/2019 12:12:12		-122.362	37.7154				1894.14467	RS-700	-0.218185721
9379	9/4/2019 12:12:13		-122.362	37.7154				1886.47926	RS-700	-0.25632209
9380	9/4/2019 12:12:14		-122.362	37.7154				1912.9775	RS-700	-0.12449005
9381	9/4/2019 12:12:15		-122.362	37.7154				1927.29703	RS-700	-0.053248607
9382	9/4/2019 12:12:16		-122.362	37.7154				1904.78333	RS-700	-0.165257065
9383	9/4/2019 12:12:17		-122.362	37.7154				1976.70361	RS-700	0.192555274
9384	9/4/2019 12:12:18		-122.362	37.7154				1858.93758	RS-700	-0.393345373
9385	9/4/2019 12:12:19		-122.362	37.7154				1950.3962	RS-700	0.061672637
9386	9/4/2019 12:12:20		-122.362	37.7154				1882.75972	RS-700	-0.274827264
9387	9/4/2019 12:12:21		-122.362	37.7154				1901.05498	RS-700	-0.18380607
9388	9/4/2019 12:12:22		-122.362	37.7154				1998.60884	RS-700	0.301536517
9389	9/4/2019 12:12:23		-122.362	37.7154				1886.2852	RS-700	-0.257287562
9390	9/4/2019 12:12:24		-122.362	37.7154				1921.8733	RS-700	-0.080232338
9391	9/4/2019 12:12:25		-122.362	37.7154				1940.97851	RS-700	0.014818458
9392	9/4/2019 12:12:26		-122.362	37.7154				1905.58695	RS-700	-0.161258955
9393	9/4/2019 12:12:27		-122.362	37.7154				2002.81036	RS-700	0.322439602

Gamma Scan Survey Results
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SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
9394	9/4/2019 12:12:28		-122.362	37.7154				1924.87298	RS-700	-0.065308557
9395	9/4/2019 12:12:29		-122.362	37.7154				2026.12534	RS-700	0.438434527
9396	9/4/2019 12:12:30		-122.362	37.7154				1973.6062	RS-700	0.177145274
9397	9/4/2019 12:12:31		-122.362	37.7154				2065.52405	RS-700	0.63444801
9398	9/4/2019 12:12:32		-122.362	37.7154				1989.41509	RS-700	0.255796468
9399	9/4/2019 12:12:33		-122.362	37.7154				1986.30332	RS-700	0.240315025
9400	9/4/2019 12:12:34		-122.362	37.7154				2020.02672	RS-700	0.408093134
9401	9/4/2019 12:12:35		-122.362	37.7154				1997.80795	RS-700	0.29755199
9402	9/4/2019 12:12:36		-122.362	37.7154				1901.15118	RS-700	-0.183327463
9403	9/4/2019 12:12:37		-122.362	37.7154				2052.72801	RS-700	0.570786119
9404	9/4/2019 12:12:38		-122.362	37.7154				2114.7318	RS-700	0.879262687
9405	9/4/2019 12:12:39		-122.362	37.7154				2057.55391	RS-700	0.594795572
9406	9/4/2019 12:12:40		-122.362	37.7154				1992.50862	RS-700	0.271187164
9407	9/4/2019 12:12:41		-122.362	37.7154				1994.01114	RS-700	0.278662388
9408	9/4/2019 12:12:42		-122.362	37.7154				2001.0079	RS-700	0.313472139
9409	9/4/2019 12:12:43		-122.362	37.7153				1967.49882	RS-700	0.146760299
9410	9/4/2019 12:12:44		-122.362	37.7153				1867.38251	RS-700	-0.351330796
9411	9/4/2019 12:12:45		-122.362	37.7153				1978.7933	RS-700	0.202951741
9412	9/4/2019 12:12:46		-122.362	37.7153				1923.84743	RS-700	-0.070410796
9413	9/4/2019 12:12:47		-122.362	37.7153				1820.46214	RS-700	-0.584765473
9414	9/4/2019 12:12:48		-122.362	37.7153				1789.81404	RS-700	-0.737243582
9415	9/4/2019 12:12:49		-122.362	37.7153				1898.58323	RS-700	-0.196103333
9416	9/4/2019 12:12:50		-122.362	37.7153				1855.65518	RS-700	-0.409675721
9417	9/4/2019 12:12:51		-122.362	37.7153				1858.75933	RS-700	-0.394232189
9418	9/4/2019 12:12:52		-122.362	37.7153				1953.98732	RS-700	0.079538905
9419	9/4/2019 12:12:53		-122.362	37.7153				2010.79839	RS-700	0.362181045
9420	9/4/2019 12:12:54		-122.362	37.7153				2013.81793	RS-700	0.377203632
9421	9/4/2019 12:12:55		-122.362	37.7153				2078.63233	RS-700	0.699663333
9422	9/4/2019 12:12:56		-122.362	37.7153				2015.6176	RS-700	0.386157214
9423	9/4/2019 12:12:57		-122.362	37.7153				1983.50742	RS-700	0.226405075
9424	9/4/2019 12:12:58		-122.362	37.7153				1897.06627	RS-700	-0.203650398
9425	9/4/2019 12:12:59		-122.362	37.7153				1972.02966	RS-700	0.169301791
9426	9/4/2019 12:13:00		-122.362	37.7153				1887.67237	RS-700	-0.250386219
9427	9/4/2019 12:13:01		-122.362	37.7153				1824.73827	RS-700	-0.563491194
9428	9/4/2019 12:13:02		-122.362	37.7153				1854.75194	RS-700	-0.414169453
9429	9/4/2019 12:13:03		-122.362	37.7153				1874.66661	RS-700	-0.315091493
9430	9/4/2019 12:13:04		-122.362	37.7153				1874.76906	RS-700	-0.314581791
9431	9/4/2019 12:13:05		-122.362	37.7153				1869.66547	RS-700	-0.339972786
9432	9/4/2019 12:13:06		-122.362	37.7153				1878.65142	RS-700	-0.295266567
9433	9/4/2019 12:13:07		-122.362	37.7152				1854.93636	RS-700	-0.41325194
9434	9/4/2019 12:13:08		-122.362	37.7152				1909.67781	RS-700	-0.140906418
9435	9/4/2019 12:13:09		-122.362	37.7152				1887.28547	RS-700	-0.252311095
9436	9/4/2019 12:13:10		-122.362	37.7152				1890.59028	RS-700	-0.235869254
9437	9/4/2019 12:13:11		-122.362	37.7152				1921.87502	RS-700	-0.080223781
9438	9/4/2019 12:13:12		-122.362	37.7152				1749.79504	RS-700	-0.936343085
9439	9/4/2019 12:13:13		-122.362	37.7152				1859.56704	RS-700	-0.390213731
9440	9/4/2019 12:13:14		-122.362	37.7152				1783.99549	RS-700	-0.766191592
9441	9/4/2019 12:13:15		-122.361	37.7152				1882.66776	RS-700	-0.275284776
9442	9/4/2019 12:13:16		-122.361	37.7152				1821.93673	RS-700	-0.577429204
9443	9/4/2019 12:13:17		-122.361	37.7152				1899.47692	RS-700	-0.191657114
9444	9/4/2019 12:13:18		-122.361	37.7152				1823.56137	RS-700	-0.569346418
9445	9/4/2019 12:13:19		-122.361	37.7152				1777.9883	RS-700	-0.796078109
9446	9/4/2019 12:13:20		-122.361	37.7152				1834.37521	RS-700	-0.515546219
9447	9/4/2019 12:13:21		-122.361	37.7152				1810.46032	RS-700	-0.634525771
9448	9/4/2019 12:13:22		-122.361	37.7151				1831.46552	RS-700	-0.530022289
9449	9/4/2019 12:13:23		-122.361	37.7151				1777.53494	RS-700	-0.798333632
9450	9/4/2019 12:13:24		-122.361	37.7151				1745.35797	RS-700	-0.95841806
9451	9/4/2019 12:13:25		-122.361	37.7151				1735.96937	RS-700	-1.005127512
9452	9/4/2019 12:13:26		-122.361	37.7151				1787.63751	RS-700	-0.74807209
9453	9/4/2019 12:13:27		-122.361	37.7151				1880.42088	RS-700	-0.286463284
9454	9/4/2019 12:13:28		-122.361	37.7151				1859.13096	RS-700	-0.392383284

Gamma Scan Survey Results
Survey Unit 5 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
9455	9/4/2019 12:13:29		-122.361	37.7151				1845.65336	RS-700	-0.45943602
9456	9/4/2019 12:13:30		-122.361	37.7151				1823.82989	RS-700	-0.568010498
9457	9/4/2019 12:13:31		-122.361	37.7151				1844.91307	RS-700	-0.463119055
9458	9/4/2019 12:13:32		-122.361	37.7151				1904.48577	RS-700	-0.166737463
9459	9/4/2019 12:13:33		-122.361	37.7151				1861.56617	RS-700	-0.380267811
9460	9/4/2019 12:13:34		-122.361	37.7151				1803.18773	RS-700	-0.670707811
9461	9/4/2019 12:13:35		-122.361	37.7151				1812.45904	RS-700	-0.624581891
9462	9/4/2019 12:13:36		-122.361	37.7151				1790.36874	RS-700	-0.734483881
9463	9/4/2019 12:13:37		-122.361	37.7151				1888.48472	RS-700	-0.246344677
9464	9/4/2019 12:13:38		-122.361	37.7151				1896.7688	RS-700	-0.205130348
9465	9/4/2019 12:13:39		-122.361	37.7151				1932.88376	RS-700	-0.02545393
9466	9/4/2019 12:13:40		-122.361	37.7151				1917.68353	RS-700	-0.101076965
9467	9/4/2019 12:13:41		-122.361	37.7151				1945.69227	RS-700	0.03827
9468	9/4/2019 12:13:42		-122.361	37.7151				1924.59115	RS-700	-0.066710697
9469	9/4/2019 12:13:43		-122.361	37.7151				1904.39901	RS-700	-0.167169104
9470	9/4/2019 12:13:44		-122.361	37.7151				2041.10961	RS-700	0.512983134
9471	9/4/2019 12:13:45		-122.361	37.7151				1933.58837	RS-700	-0.021948408
9472	9/4/2019 12:13:46		-122.361	37.7151				1865.66482	RS-700	-0.359876517
9473	9/4/2019 12:13:47		-122.361	37.7151				1925.58745	RS-700	-0.06175398
9474	9/4/2019 12:13:48		-122.361	37.7151				1918.58557	RS-700	-0.096589204
9475	9/4/2019 12:13:49		-122.361	37.715				1931.78228	RS-700	-0.03093393
9476	9/4/2019 12:13:50		-122.361	37.715				1952.49816	RS-700	0.072130149
9477	9/4/2019 12:13:51		-122.361	37.715				1917.07214	RS-700	-0.104118706
9478	9/4/2019 12:13:52		-122.361	37.715				1981.60337	RS-700	0.216932189
9479	9/4/2019 12:13:53		-122.361	37.715				1876.4879	RS-700	-0.306030348
9480	9/4/2019 12:13:54		-122.361	37.715				1890.30844	RS-700	-0.237271443
9481	9/4/2019 12:13:55		-122.361	37.715				1914.29385	RS-700	-0.117941045
9482	9/4/2019 12:13:56		-122.361	37.715				1921.98812	RS-700	-0.079661095
9483	9/4/2019 12:13:57		-122.361	37.715				1896.29173	RS-700	-0.207503831
9484	9/4/2019 12:13:58		-122.361	37.715				1925.40441	RS-700	-0.062664627
9485	9/4/2019 12:13:59		-122.361	37.715				1962.88729	RS-700	0.123817363
9486	9/4/2019 12:14:00		-122.361	37.715				1859.38107	RS-700	-0.391138955
9487	9/4/2019 12:14:01		-122.361	37.715				1908.96312	RS-700	-0.14446209
9488	9/4/2019 12:14:02		-122.361	37.715				1874.58255	RS-700	-0.315509701
9489	9/4/2019 12:14:03		-122.361	37.715				1820.83043	RS-700	-0.582933184
9490	9/4/2019 12:14:04		-122.361	37.715				1780.706	RS-700	-0.782557214
9491	9/4/2019 12:14:05		-122.361	37.715				1747.61942	RS-700	-0.947167065
9492	9/4/2019 12:14:06		-122.361	37.715				1805.56754	RS-700	-0.65886796
9493	9/4/2019 12:14:07		-122.361	37.715				1843.20104	RS-700	-0.471636617
9494	9/4/2019 12:14:08		-122.361	37.715				1929.87928	RS-700	-0.040401592
9495	9/4/2019 12:14:09		-122.361	37.715				1916.87072	RS-700	-0.105120796
9496	9/4/2019 12:14:10		-122.361	37.715				1902.9747	RS-700	-0.174255224
9497	9/4/2019 12:14:11		-122.361	37.715				1858.66621	RS-700	-0.394695473
9498	9/4/2019 12:14:12		-122.361	37.715				1836.27217	RS-700	-0.506108607
9499	9/4/2019 12:14:13		-122.361	37.715				1837.55703	RS-700	-0.499716269
9500	9/4/2019 12:14:14		-122.361	37.715				1851.37855	RS-700	-0.430952488
9501	9/4/2019 12:14:15		-122.361	37.715				1849.9414	RS-700	-0.438102488
9502	9/4/2019 12:14:16		-122.361	37.715				1800.82106	RS-700	-0.682482289
9503	9/4/2019 12:14:17		-122.361	37.715				1867.28937	RS-700	-0.351794179
9504	9/4/2019 12:14:18		-122.361	37.715				1791.81198	RS-700	-0.727303582
9505	9/4/2019 12:14:19		-122.361	37.715				1858.47521	RS-700	-0.395645721
9506	9/4/2019 12:14:20		-122.361	37.7149				1881.66872	RS-700	-0.280255124
9507	9/4/2019 12:14:21		-122.361	37.7149				1993.91608	RS-700	0.278189453
9508	9/4/2019 12:14:22		-122.361	37.7149				1936.78436	RS-700	-0.00604796
9509	9/4/2019 12:14:23		-122.361	37.7149				2038.82666	RS-700	0.501625174
9510	9/4/2019 12:14:24		-122.361	37.7149				2082.6353	RS-700	0.719578607
9511	9/4/2019 12:14:25		-122.361	37.7149				1960.5978	RS-700	0.112426866
9512	9/4/2019 12:14:26		-122.361	37.7149				1855.75241	RS-700	-0.40919199
9513	9/4/2019 12:14:27		-122.361	37.7149				1746.05641	RS-700	-0.954943234
9514	9/4/2019 12:14:28		-122.361	37.7149				1858.38076	RS-700	-0.396115622
9515	9/4/2019 12:14:29		-122.361	37.7149				1877.95171	RS-700	-0.298747711

Gamma Scan Survey Results
Survey Unit 5 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
9516	9/4/2019 12:14:30		-122.361	37.7149				1911.67894	RS-700	-0.130950547
9517	9/4/2019 12:14:31		-122.361	37.7149				1866.92955	RS-700	-0.353584328
9518	9/4/2019 12:14:32		-122.361	37.7149				1772.89503	RS-700	-0.821417761
9519	9/4/2019 12:14:33		-122.361	37.7149				1497.22806	RS-700	-2.192895224
9520	9/4/2019 12:14:34		-122.361	37.7149				1319.26522	RS-700	-3.078282488
9521	9/4/2019 12:14:35		-122.361	37.7149				1267.25921	RS-700	-3.337018856
9522	9/4/2019 12:14:36		-122.361	37.7149				1227.37219	RS-700	-3.535461741
9523	9/4/2019 12:14:37		-122.361	37.7149				1061.16401	RS-700	-4.362368109
9524	9/4/2019 12:14:38		-122.361	37.7149				1063.15681	RS-700	-4.352453682
9525	9/4/2019 12:14:39		-122.361	37.7149				1194.30574	RS-700	-3.699971443
9526	9/4/2019 12:14:40		-122.361	37.7149				1414.43423	RS-700	-2.604804826
9527	9/4/2019 12:14:41		-122.361	37.7149				1562.63898	RS-700	-1.867467761
9528	9/4/2019 12:14:42		-122.361	37.7149				1801.64265	RS-700	-0.678394776
9529	9/4/2019 12:14:43		-122.361	37.7149				1765.54043	RS-700	-0.858007811
9530	9/4/2019 12:14:44		-122.361	37.7149				1873.6687	RS-700	-0.320056219
9531	9/4/2019 12:14:45		-122.361	37.7149				1913.68355	RS-700	-0.120977363
9532	9/4/2019 12:14:46		-122.361	37.7149				1890.76673	RS-700	-0.234991393
9533	9/4/2019 12:14:47		-122.361	37.7149				1895.77317	RS-700	-0.210083731
9534	9/4/2019 12:14:48		-122.361	37.7149				1944.08169	RS-700	0.030257164
9535	9/4/2019 12:14:49		-122.361	37.7149				1913.77146	RS-700	-0.12054
9536	9/4/2019 12:14:50		-122.361	37.7149				1846.64337	RS-700	-0.454510597
9537	9/4/2019 12:14:51		-122.361	37.7149				1810.64603	RS-700	-0.633601841
9538	9/4/2019 12:14:52		-122.361	37.7149				1927.20791	RS-700	-0.05369199
9539	9/4/2019 12:14:53		-122.361	37.7149				1877.14068	RS-700	-0.302782687
9540	9/4/2019 12:14:54		-122.361	37.7149				1922.58998	RS-700	-0.076666766
9541	9/4/2019 12:14:55		-122.361	37.7149				1897.67463	RS-700	-0.200623731
9542	9/4/2019 12:14:56		-122.361	37.7149				1864.84976	RS-700	-0.363931542
9543	9/4/2019 12:14:57		-122.361	37.7149				1897.86054	RS-700	-0.199698806
9544	9/4/2019 12:14:58		-122.361	37.7149				1893.9581	RS-700	-0.21911393
9545	9/4/2019 12:14:59		-122.361	37.7149				1845.83981	RS-700	-0.458508408
9546	9/4/2019 12:15:00		-122.361	37.7149				1835.65627	RS-700	-0.509172786
9547	9/4/2019 12:15:01		-122.361	37.7148				1900.1446	RS-700	-0.188335323
9548	9/4/2019 12:15:02		-122.361	37.7148				1895.85254	RS-700	-0.209688856
9549	9/4/2019 12:15:03		-122.361	37.7148				1859.29644	RS-700	-0.39156
9550	9/4/2019 12:15:04		-122.361	37.7148				1864.65747	RS-700	-0.364888209
9551	9/4/2019 12:15:05		-122.361	37.7148				1962.58956	RS-700	0.122336119
9552	9/4/2019 12:15:06		-122.361	37.7148				1951.40004	RS-700	0.066666866
9553	9/4/2019 12:15:07		-122.361	37.7148				1958.59357	RS-700	0.102455572
9554	9/4/2019 12:15:08		-122.361	37.7148				1964.40242	RS-700	0.131355323
9555	9/4/2019 12:15:09		-122.361	37.7148				1955.30328	RS-700	0.08608597
9556	9/4/2019 12:15:10		-122.361	37.7148				1928.58828	RS-700	-0.046824478
9557	9/4/2019 12:15:11		-122.361	37.7148				1900.29302	RS-700	-0.187596915
9558	9/4/2019 12:15:12		-122.361	37.7148				1921.2951	RS-700	-0.083108955
9559	9/4/2019 12:15:13		-122.361	37.7148				2002.61014	RS-700	0.321443483
9560	9/4/2019 12:15:14		-122.361	37.7148				1948.59628	RS-700	0.052717811
9561	9/4/2019 12:15:15		-122.361	37.7148				1954.79369	RS-700	0.083550697
9562	9/4/2019 12:15:16		-122.361	37.7148				2053.52655	RS-700	0.574758955
9563	9/4/2019 12:15:17		-122.361	37.7148				2093.05776	RS-700	0.771431642
9564	9/4/2019 12:15:18		-122.361	37.7148				2243.58842	RS-700	1.520340398
9565	9/4/2019 12:15:19		-122.361	37.7148				2226.67659	RS-700	1.43620194
9566	9/4/2019 12:15:20		-122.361	37.7148				2079.91253	RS-700	0.706032488
9567	9/4/2019 12:15:21		-122.361	37.7148				2224.78322	RS-700	1.426782189
9568	9/4/2019 12:15:22		-122.361	37.7148				2207.44126	RS-700	1.340503781
9569	9/4/2019 12:15:23		-122.361	37.7148				2115.8524	RS-700	0.884837811
9570	9/4/2019 12:15:24		-122.361	37.7148				2152.8792	RS-700	1.069050746
9571	9/4/2019 12:15:25		-122.361	37.7148				2022.82709	RS-700	0.422025323
9572	9/4/2019 12:15:26		-122.361	37.7148				2050.93197	RS-700	0.561850597
9573	9/4/2019 12:15:27		-122.361	37.7148				2031.31029	RS-700	0.464230299
9574	9/4/2019 12:15:28		-122.361	37.7148				2060.43365	RS-700	0.609122637
9575	9/4/2019 12:15:29		-122.361	37.7148				2090.98469	RS-700	0.761117861
9576	9/4/2019 12:15:30		-122.361	37.7148				2038.12612	RS-700	0.4981399

Gamma Scan Survey Results
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SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
9577	9/4/2019 12:15:31		-122.361	37.7148				2072.2606	RS-700	0.667963184
9578	9/4/2019 12:15:32		-122.361	37.7148				1910.68168	RS-700	-0.13591204
9579	9/4/2019 12:15:33		-122.361	37.7148				2101.06188	RS-700	0.811253134
9580	9/4/2019 12:15:34		-122.361	37.7148				1949.88835	RS-700	0.05914602
9581	9/4/2019 12:15:35		-122.361	37.7148				2098.26739	RS-700	0.797350199
9582	9/4/2019 12:15:36		-122.361	37.7148				1956.71514	RS-700	0.093110149
9583	9/4/2019 12:15:37		-122.361	37.7148				2006.31343	RS-700	0.339867811
9584	9/4/2019 12:15:38		-122.361	37.7147				1867.75835	RS-700	-0.349460945
9585	9/4/2019 12:15:39		-122.361	37.7147				1971.60079	RS-700	0.167168109
9586	9/4/2019 12:15:40		-122.361	37.7147				2010.01557	RS-700	0.358286418
9587	9/4/2019 12:15:41		-122.361	37.7147				1939.37528	RS-700	0.006842189
9588	9/4/2019 12:15:42		-122.361	37.7147				1938.97074	RS-700	0.004829552
9589	9/4/2019 12:15:43		-122.361	37.7147				1986.09095	RS-700	0.239258458
9590	9/4/2019 12:15:44		-122.361	37.7147				1984.49291	RS-700	0.23130801
9591	9/4/2019 12:15:45		-122.361	37.7147				1976.40703	RS-700	0.191079751
9592	9/4/2019 12:15:46		-122.361	37.7147				1889.57887	RS-700	-0.240901144
9593	9/4/2019 12:15:47		-122.361	37.7147				1882.48308	RS-700	-0.276203582
9594	9/4/2019 12:15:48		-122.361	37.7147				1972.81459	RS-700	0.173206915
9595	9/4/2019 12:15:49		-122.361	37.7147				1906.58121	RS-700	-0.156312388
9596	9/4/2019 12:15:50		-122.361	37.7147				1927.29919	RS-700	-0.053237861
9597	9/4/2019 12:15:51		-122.361	37.7147				1902.8671	RS-700	-0.174790547
9598	9/4/2019 12:15:52		-122.361	37.7147				1930.07464	RS-700	-0.039429652
9599	9/4/2019 12:15:53		-122.361	37.7147				1853.28801	RS-700	-0.421452687
9600	9/4/2019 12:15:54		-122.361	37.7147				1891.86019	RS-700	-0.229551294
9601	9/4/2019 12:15:55		-122.361	37.7147				1837.46559	RS-700	-0.500171194
9602	9/4/2019 12:15:56		-122.361	37.7147				1854.12281	RS-700	-0.417299453
9603	9/4/2019 12:15:57		-122.361	37.7147				1842.57097	RS-700	-0.474771294
9604	9/4/2019 12:15:58		-122.361	37.7147				1887.23588	RS-700	-0.252557811
9605	9/4/2019 12:15:59		-122.361	37.7147				1878.38979	RS-700	-0.296568209
9606	9/4/2019 12:16:00		-122.361	37.7147				1897.67624	RS-700	-0.200615721
9607	9/4/2019 12:16:01		-122.361	37.7147				1901.86236	RS-700	-0.179789254
9608	9/4/2019 12:16:02		-122.361	37.7147				1836.65625	RS-700	-0.504197761
9609	9/4/2019 12:16:03		-122.361	37.7147				1908.67379	RS-700	-0.145901542
9610	9/4/2019 12:16:04		-122.361	37.7147				1868.57105	RS-700	-0.345417662
9611	9/4/2019 12:16:05		-122.361	37.7147				1849.40035	RS-700	-0.440794279
9612	9/4/2019 12:16:06		-122.361	37.7147				1867.38103	RS-700	-0.351338159
9613	9/4/2019 12:16:07		-122.361	37.7147				1960.40186	RS-700	0.11145204
9614	9/4/2019 12:16:08		-122.361	37.7147				1934.40774	RS-700	-0.01787194
9615	9/4/2019 12:16:09		-122.361	37.7147				1950.68789	RS-700	0.063123831
9616	9/4/2019 12:16:10		-122.361	37.7147				1896.87469	RS-700	-0.204603532
9617	9/4/2019 12:16:11		-122.361	37.7147				1972.60052	RS-700	0.172141891
9618	9/4/2019 12:16:12		-122.361	37.7147				1950.89057	RS-700	0.064132189
9619	9/4/2019 12:16:13		-122.361	37.7147				1992.70309	RS-700	0.272154677
9620	9/4/2019 12:16:14		-122.361	37.7147				1862.65936	RS-700	-0.374829055
9621	9/4/2019 12:16:15		-122.361	37.7147				2001.51201	RS-700	0.315980149
9622	9/4/2019 12:16:16		-122.361	37.7147				1963.79652	RS-700	0.128340896
9623	9/4/2019 12:16:17		-122.361	37.7147				1965.68898	RS-700	0.137756119
9624	9/4/2019 12:16:18		-122.361	37.7147				2006.71301	RS-700	0.341855771
9625	9/4/2019 12:16:19		-122.361	37.7147				1963.17828	RS-700	0.125265075
9626	9/4/2019 12:16:20		-122.361	37.7146				1909.39189	RS-700	-0.142328905
9627	9/4/2019 12:16:21		-122.361	37.7146				1996.90115	RS-700	0.293040547
9628	9/4/2019 12:16:22		-122.361	37.7146				1976.40564	RS-700	0.191072836
9629	9/4/2019 12:16:23		-122.361	37.7146				1928.9737	RS-700	-0.044906965
9630	9/4/2019 12:16:24		-122.361	37.7146				1844.84196	RS-700	-0.463472836
9631	9/4/2019 12:16:25		-122.361	37.7146				1921.687	RS-700	-0.081159204
9632	9/4/2019 12:16:26		-122.361	37.7146				1916.77685	RS-700	-0.105587811
9633	9/4/2019 12:16:27		-122.361	37.7146				1831.37277	RS-700	-0.530483731
9634	9/4/2019 12:16:28		-122.361	37.7146				1939.68668	RS-700	0.008391443
9635	9/4/2019 12:16:29		-122.361	37.7146				1908.87567	RS-700	-0.144897164
9636	9/4/2019 12:16:30		-122.361	37.7146				1948.79171	RS-700	0.0536901
9637	9/4/2019 12:16:31		-122.361	37.7146				1889.77908	RS-700	-0.239905075

Gamma Scan Survey Results
Survey Unit 5 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
9638	9/4/2019 12:16:32		-122.361	37.7146				1985.70943	RS-700	0.237360348
9639	9/4/2019 12:16:33		-122.361	37.7146				1911.58916	RS-700	-0.131397214
9640	9/4/2019 12:16:34		-122.361	37.7146				1843.37819	RS-700	-0.470755274
9641	9/4/2019 12:16:35		-122.361	37.7146				1822.46597	RS-700	-0.574796169
9642	9/4/2019 12:16:36		-122.361	37.7146				1888.7658	RS-700	-0.244946269
9643	9/4/2019 12:16:37		-122.361	37.7146				1963.30115	RS-700	0.125876368
9644	9/4/2019 12:16:38		-122.361	37.7146				1889.58089	RS-700	-0.240891095
9645	9/4/2019 12:16:39		-122.361	37.7146				1986.6127	RS-700	0.241854229
9646	9/4/2019 12:16:40		-122.361	37.7146				1895.83892	RS-700	-0.209756617
9647	9/4/2019 12:16:41		-122.361	37.7146				1907.76577	RS-700	-0.150419055
9648	9/4/2019 12:16:42		-122.36	37.7146				1908.06403	RS-700	-0.148935174
9649	9/4/2019 12:16:43		-122.36	37.7146				1854.83837	RS-700	-0.413739453
9650	9/4/2019 12:16:44		-122.36	37.7146				1921.68857	RS-700	-0.081151393
9651	9/4/2019 12:16:45		-122.36	37.7146				1918.40056	RS-700	-0.097509652
9652	9/4/2019 12:16:46		-122.36	37.7146				1856.6608	RS-700	-0.404672637
9653	9/4/2019 12:16:47		-122.36	37.7146				1894.57443	RS-700	-0.216047612
9654	9/4/2019 12:16:48		-122.36	37.7146				1898.86124	RS-700	-0.194720199
9655	9/4/2019 12:16:49		-122.36	37.7146				1935.68453	RS-700	-0.011519751
9656	9/4/2019 12:16:50		-122.36	37.7146				1859.47351	RS-700	-0.390679055
9657	9/4/2019 12:16:51		-122.36	37.7146				1810.5496	RS-700	-0.634081592
9658	9/4/2019 12:16:52		-122.36	37.7146				1892.86183	RS-700	-0.22456801
9659	9/4/2019 12:16:53		-122.36	37.7146				1936.48662	RS-700	-0.007529254
9660	9/4/2019 12:16:54		-122.36	37.7145				1811.64568	RS-700	-0.628628458
9661	9/4/2019 12:16:55		-122.36	37.7145				1954.39963	RS-700	0.081590199
9662	9/4/2019 12:16:56		-122.36	37.7145				1918.68157	RS-700	-0.096111592
9663	9/4/2019 12:16:57		-122.36	37.7145				1919.16065	RS-700	-0.093728109
9664	9/4/2019 12:16:58		-122.36	37.7145				1955.59812	RS-700	0.087552836
9665	9/4/2019 12:16:59		-122.36	37.7145				1926.97725	RS-700	-0.054839552
9666	9/4/2019 12:17:00		-122.36	37.7145				1822.37368	RS-700	-0.575255323
9667	9/4/2019 12:17:01		-122.36	37.7145				1946.08497	RS-700	0.040223731
9668	9/4/2019 12:17:02		-122.36	37.7145				1879.4927	RS-700	-0.291081095
9669	9/4/2019 12:17:03		-122.36	37.7145				1964.5953	RS-700	0.132314925
9670	9/4/2019 12:17:04		-122.36	37.7145				1890.96606	RS-700	-0.233999701
9671	9/4/2019 12:17:05		-122.36	37.7145				1900.67196	RS-700	-0.185711642
9672	9/4/2019 12:17:06		-122.36	37.7145				1907.49289	RS-700	-0.151776667
9673	9/4/2019 12:17:07		-122.36	37.7145				1944.77221	RS-700	0.033692587
9674	9/4/2019 12:17:08		-122.36	37.7145				1970.88606	RS-700	0.163612239
9675	9/4/2019 12:17:09		-122.36	37.7145				1873.47796	RS-700	-0.321005174
9676	9/4/2019 12:17:10		-122.36	37.7145				1888.77337	RS-700	-0.244908607
9677	9/4/2019 12:17:11		-122.36	37.7145				1889.57689	RS-700	-0.240910995
9678	9/4/2019 12:17:12		-122.36	37.7145				1916.07261	RS-700	-0.109091493
9679	9/4/2019 12:17:13		-122.36	37.7145				1944.78806	RS-700	0.033771443
9680	9/4/2019 12:17:14		-122.36	37.7145				1890.57768	RS-700	-0.23593194
9681	9/4/2019 12:17:15		-122.36	37.7145				1910.68553	RS-700	-0.135892886
9682	9/4/2019 12:17:16		-122.36	37.7145				1776.45507	RS-700	-0.803706119
9683	9/4/2019 12:17:17		-122.36	37.7145				1833.21837	RS-700	-0.521301642
9684	9/4/2019 12:17:18		-122.36	37.7145				1832.63726	RS-700	-0.524192736
9685	9/4/2019 12:17:19		-122.36	37.7145				1942.87751	RS-700	0.024266219
9686	9/4/2019 12:17:20		-122.36	37.7145				1836.83538	RS-700	-0.503306567
9687	9/4/2019 12:17:21		-122.36	37.7145				1931.78264	RS-700	-0.030932139
9688	9/4/2019 12:17:22		-122.36	37.7145				1826.37236	RS-700	-0.555361393
9689	9/4/2019 12:17:23		-122.36	37.7145				1881.29553	RS-700	-0.282111791
9690	9/4/2019 12:17:24		-122.36	37.7145				1834.01622	RS-700	-0.517332239
9691	9/4/2019 12:17:25		-122.36	37.7145				1768.54243	RS-700	-0.843072488
9692	9/4/2019 12:17:26		-122.36	37.7145				1781.90914	RS-700	-0.776571443
9693	9/4/2019 12:17:27		-122.36	37.7145				1908.87297	RS-700	-0.144910597
9694	9/4/2019 12:17:28		-122.36	37.7145				1889.95774	RS-700	-0.239016219
9695	9/4/2019 12:17:29		-122.36	37.7145				1936.39721	RS-700	-0.00797408
9696	9/4/2019 12:17:30		-122.36	37.7144				1895.66798	RS-700	-0.210607065
9697	9/4/2019 12:17:31		-122.36	37.7144				1875.95436	RS-700	-0.308684776
9698	9/4/2019 12:17:32		-122.36	37.7144				1853.47086	RS-700	-0.420542985

Gamma Scan Survey Results
Survey Unit 5 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
9699	9/4/2019 12:17:33		-122.36	37.7144				1855.65975	RS-700	-0.409652985
9700	9/4/2019 12:17:34		-122.36	37.7144				1838.65082	RS-700	-0.494274527
9701	9/4/2019 12:17:35		-122.36	37.7144				1810.4654	RS-700	-0.634500498
9702	9/4/2019 12:17:36		-122.36	37.7144				1822.28767	RS-700	-0.575683234
9703	9/4/2019 12:17:37		-122.36	37.7144				1853.46849	RS-700	-0.420554776
9704	9/4/2019 12:17:38		-122.36	37.7144				1890.48186	RS-700	-0.236408657
9705	9/4/2019 12:17:39		-122.36	37.7144				1829.55778	RS-700	-0.539513532
9706	9/4/2019 12:17:40		-122.36	37.7144				1806.09182	RS-700	-0.656259602
9707	9/4/2019 12:17:41		-122.36	37.7144				1762.71773	RS-700	-0.872051095
9708	9/4/2019 12:17:42		-122.36	37.7144				1764.97597	RS-700	-0.86081607
9709	9/4/2019 12:17:43		-122.36	37.7144				1823.46457	RS-700	-0.56982801
9710	9/4/2019 12:17:44		-122.36	37.7144				1790.90435	RS-700	-0.731819154
9711	9/4/2019 12:17:45		-122.36	37.7144				1827.37417	RS-700	-0.550377264
9712	9/4/2019 12:17:46		-122.36	37.7144				1795.81458	RS-700	-0.707390149
9713	9/4/2019 12:17:47		-122.36	37.7144				1850.74816	RS-700	-0.434088756
9714	9/4/2019 12:17:48		-122.36	37.7144				1745.35849	RS-700	-0.958415473
9715	9/4/2019 12:17:49		-122.36	37.7144				1819.62441	RS-700	-0.588933284
9716	9/4/2019 12:17:50		-122.36	37.7144				1777.45081	RS-700	-0.798752189
9717	9/4/2019 12:17:51		-122.36	37.7144				1849.29075	RS-700	-0.441339552
9718	9/4/2019 12:17:52		-122.36	37.7144				1866.57081	RS-700	-0.355369104
9719	9/4/2019 12:17:53		-122.36	37.7144				1843.02154	RS-700	-0.472529652
9720	9/4/2019 12:17:54		-122.36	37.7144				1806.7377	RS-700	-0.653046269
9721	9/4/2019 12:17:55		-122.36	37.7144				1847.75521	RS-700	-0.448979055
9722	9/4/2019 12:17:56		-122.36	37.7144				1852.66177	RS-700	-0.424568308
9723	9/4/2019 12:17:57		-122.36	37.7144				1838.55539	RS-700	-0.494749303
9724	9/4/2019 12:17:58		-122.36	37.7144				1802.55191	RS-700	-0.673871095
9725	9/4/2019 12:17:59		-122.36	37.7144				1797.45902	RS-700	-0.699208856
9726	9/4/2019 12:18:00		-122.36	37.7144				1754.45275	RS-700	-0.913170398
9727	9/4/2019 12:18:01		-122.36	37.7144				1822.55627	RS-700	-0.574346915
9728	9/4/2019 12:18:02		-122.36	37.7144				1833.64814	RS-700	-0.519163483
9729	9/4/2019 12:18:03		-122.36	37.7144				1861.57015	RS-700	-0.38024801
9730	9/4/2019 12:18:04		-122.36	37.7144				1861.56802	RS-700	-0.380258607
9731	9/4/2019 12:18:05		-122.36	37.7144				1786.91255	RS-700	-0.751678856
9732	9/4/2019 12:18:06		-122.36	37.7144				1878.76302	RS-700	-0.294711343
9733	9/4/2019 12:18:07		-122.36	37.7144				1806.36283	RS-700	-0.654911294
9734	9/4/2019 12:18:08		-122.36	37.7144				1760.89277	RS-700	-0.881130498
9735	9/4/2019 12:18:09		-122.36	37.7144				1854.93684	RS-700	-0.413249552
9736	9/4/2019 12:18:10		-122.36	37.7144				1866.12532	RS-700	-0.357585473
9737	9/4/2019 12:18:11		-122.36	37.7144				1825.10453	RS-700	-0.561669005
9738	9/4/2019 12:18:12		-122.36	37.7144				1779.63288	RS-700	-0.787896119
9739	9/4/2019 12:18:13		-122.36	37.7144				1775.28514	RS-700	-0.809526667
9740	9/4/2019 12:18:14		-122.36	37.7144				1772.07497	RS-700	-0.825497662
9741	9/4/2019 12:18:15		-122.36	37.7144				1859.31779	RS-700	-0.391453781
9742	9/4/2019 12:18:16		-122.36	37.7144				1827.01046	RS-700	-0.552186766
9743	9/4/2019 12:18:17		-122.36	37.7144				1842.46375	RS-700	-0.475304726
9744	9/4/2019 12:18:18		-122.36	37.7144				1768.36666	RS-700	-0.843946965
9745	9/4/2019 12:18:19		-122.36	37.7144				1807.82338	RS-700	-0.647644876
9746	9/4/2019 12:18:20		-122.36	37.7144				1883.94902	RS-700	-0.268910348
9747	9/4/2019 12:18:21		-122.36	37.7144				1823.83754	RS-700	-0.567972438
9748	9/4/2019 12:18:22		-122.36	37.7144				1845.4695	RS-700	-0.460350746
9749	9/4/2019 12:18:23		-122.36	37.7143				1826.6499	RS-700	-0.553980597
9750	9/4/2019 12:18:24		-122.36	37.7143				1920.48616	RS-700	-0.087133532
9751	9/4/2019 12:18:25		-122.36	37.7143				1889.77144	RS-700	-0.239943085
9752	9/4/2019 12:18:26		-122.36	37.7143				1811.46331	RS-700	-0.629535771
9753	9/4/2019 12:18:27		-122.36	37.7143				1798.5591	RS-700	-0.693735821
9754	9/4/2019 12:18:28		-122.36	37.7143				1845.55723	RS-700	-0.459914279
9755	9/4/2019 12:18:29		-122.36	37.7143				1888.57666	RS-700	-0.245887264
9756	9/4/2019 12:18:30		-122.36	37.7143				1763.53829	RS-700	-0.867968706
9757	9/4/2019 12:18:31		-122.36	37.7143				1866.56913	RS-700	-0.355377463
9758	9/4/2019 12:18:32		-122.36	37.7143				1762.89637	RS-700	-0.871162338
9759	9/4/2019 12:18:33		-122.36	37.7143				1898.97043	RS-700	-0.194176965

Gamma Scan Survey Results
Survey Unit 5 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
9760	9/4/2019 12:18:34		-122.36	37.7143				1809.45621	RS-700	-0.639521343
9761	9/4/2019 12:18:35		-122.36	37.7143				1856.46733	RS-700	-0.405635174
9762	9/4/2019 12:18:36		-122.36	37.7143				1886.29092	RS-700	-0.257259104
9763	9/4/2019 12:18:37		-122.36	37.7143				1791.92931	RS-700	-0.726719851
9764	9/4/2019 12:18:38		-122.36	37.7143				1842.95434	RS-700	-0.47286398
9765	9/4/2019 12:18:39		-122.36	37.7143				1794.73712	RS-700	-0.712750647
9766	9/4/2019 12:18:40		-122.36	37.7143				1796.45465	RS-700	-0.704205721
9767	9/4/2019 12:18:41		-122.36	37.7143				1820.64672	RS-700	-0.583847164
9768	9/4/2019 12:18:42		-122.36	37.7143				1829.19212	RS-700	-0.541332736
9769	9/4/2019 12:18:43		-122.36	37.7143				1888.47809	RS-700	-0.246377662
9770	9/4/2019 12:18:44		-122.36	37.7143				1864.2902	RS-700	-0.366715423
9771	9/4/2019 12:18:45		-122.36	37.7143				1743.70685	RS-700	-0.966632587
9772	9/4/2019 12:18:46		-122.36	37.7143				1786.99073	RS-700	-0.7512899
9773	9/4/2019 12:18:47		-122.36	37.7143				1854.30779	RS-700	-0.416379154
9774	9/4/2019 12:18:48		-122.36	37.7143				1814.46349	RS-700	-0.614609502
9775	9/4/2019 12:18:49		-122.36	37.7143				1829.0124	RS-700	-0.542226866
9776	9/4/2019 12:18:50		-122.36	37.7143				1778.72194	RS-700	-0.792428159
9777	9/4/2019 12:18:51		-122.36	37.7143				1810.64621	RS-700	-0.633600945
9778	9/4/2019 12:18:52		-122.36	37.7143				1777.52998	RS-700	-0.798358308
9779	9/4/2019 12:18:53		-122.36	37.7143				1840.30649	RS-700	-0.486037363
9780	9/4/2019 12:18:54		-122.36	37.7143				1754.80953	RS-700	-0.911395373
9781	9/4/2019 12:18:55		-122.36	37.7143				1762.27092	RS-700	-0.87427403
9782	9/4/2019 12:18:56		-122.36	37.7143				1798.90641	RS-700	-0.69200791
9783	9/4/2019 12:18:57		-122.36	37.7143				1787.45944	RS-700	-0.74895801
9784	9/4/2019 12:18:58		-122.36	37.7143				1897.57739	RS-700	-0.201107512
9785	9/4/2019 12:18:59		-122.36	37.7143				1804.27957	RS-700	-0.665275771
9786	9/4/2019 12:19:00		-122.36	37.7143				1843.47286	RS-700	-0.470284279
9787	9/4/2019 12:19:01		-122.36	37.7143				1828.46606	RS-700	-0.544944975
9788	9/4/2019 12:19:02		-122.36	37.7143				1810.63566	RS-700	-0.633653433
9789	9/4/2019 12:19:03		-122.36	37.7143				1772.79531	RS-700	-0.821913881
9790	9/4/2019 12:19:04		-122.36	37.7143				1811.28224	RS-700	-0.630436617
9791	9/4/2019 12:19:05		-122.36	37.7143				1799.18828	RS-700	-0.690605572
9792	9/4/2019 12:19:06		-122.36	37.7143				1784.63408	RS-700	-0.763014527
9793	9/4/2019 12:19:07		-122.36	37.7144				1744.44545	RS-700	-0.96295796
9794	9/4/2019 12:19:08		-122.36	37.7144				1801.73149	RS-700	-0.677952786
9795	9/4/2019 12:19:09		-122.36	37.7144				1860.28855	RS-700	-0.386624129
9796	9/4/2019 12:19:10		-122.36	37.7144				1770.70408	RS-700	-0.83231801
9797	9/4/2019 12:19:11		-122.36	37.7144				1741.18176	RS-700	-0.979195224
9798	9/4/2019 12:19:12		-122.36	37.7144				1807.63439	RS-700	-0.648585124
9799	9/4/2019 12:19:13		-122.36	37.7144				1765.73673	RS-700	-0.857031194
9800	9/4/2019 12:19:14		-122.36	37.7144				1815.73774	RS-700	-0.60826995
9801	9/4/2019 12:19:15		-122.36	37.7144				1826.197	RS-700	-0.556233831
9802	9/4/2019 12:19:16		-122.36	37.7144				1869.47124	RS-700	-0.340939104
9803	9/4/2019 12:19:17		-122.36	37.7144				1847.28739	RS-700	-0.451306517
9804	9/4/2019 12:19:18		-122.36	37.7144				1811.18943	RS-700	-0.630898358
9805	9/4/2019 12:19:19		-122.36	37.7144				1875.5648	RS-700	-0.310622886
9806	9/4/2019 12:19:20		-122.36	37.7144				1876.47988	RS-700	-0.306070249
9807	9/4/2019 12:19:21		-122.36	37.7144				1828.65366	RS-700	-0.544011642
9808	9/4/2019 12:19:22		-122.36	37.7144				1744.14881	RS-700	-0.964433781
9809	9/4/2019 12:19:23		-122.36	37.7144				1857.47432	RS-700	-0.400625274
9810	9/4/2019 12:19:24		-122.36	37.7144				1870.756	RS-700	-0.334547264
9811	9/4/2019 12:19:25		-122.36	37.7144				1834.65283	RS-700	-0.514165025
9812	9/4/2019 12:19:26		-122.36	37.7144				1789.54257	RS-700	-0.738594179
9813	9/4/2019 12:19:27		-122.36	37.7144				1965.80397	RS-700	0.138328209
9814	9/4/2019 12:19:28		-122.36	37.7144				1810.55444	RS-700	-0.634057512
9815	9/4/2019 12:19:29		-122.36	37.7144				1785.7332	RS-700	-0.757546269
9816	9/4/2019 12:19:30		-122.36	37.7144				1774.72004	RS-700	-0.812338109
9817	9/4/2019 12:19:31		-122.36	37.7144				1825.76787	RS-700	-0.558368806
9818	9/4/2019 12:19:32		-122.36	37.7144				1829.92538	RS-700	-0.537684677
9819	9/4/2019 12:19:33		-122.36	37.7144				1863.38172	RS-700	-0.371235224
9820	9/4/2019 12:19:34		-122.36	37.7144				1795.46097	RS-700	-0.709149403

Gamma Scan Survey Results
Survey Unit 5 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
9821	9/4/2019 12:19:35		-122.36	37.7144				1823.18989	RS-700	-0.571194577
9822	9/4/2019 12:19:36		-122.36	37.7144				1869.75252	RS-700	-0.339539701
9823	9/4/2019 12:19:37		-122.36	37.7144				1785.72274	RS-700	-0.757598308
9824	9/4/2019 12:19:38		-122.36	37.7144				1811.65669	RS-700	-0.628573682
9825	9/4/2019 12:19:39		-122.36	37.7144				1862.38537	RS-700	-0.376192189
9826	9/4/2019 12:19:40		-122.36	37.7144				1815.65108	RS-700	-0.608701095
9827	9/4/2019 12:19:41		-122.36	37.7144				1816.48333	RS-700	-0.604560547
9828	9/4/2019 12:19:42		-122.36	37.7144				1816.82927	RS-700	-0.602839453
9829	9/4/2019 12:19:43		-122.36	37.7144				1915.1965	RS-700	-0.113450249
9830	9/4/2019 12:19:44		-122.36	37.7144				1877.8576	RS-700	-0.29921592
9831	9/4/2019 12:19:45		-122.36	37.7144				1819.37238	RS-700	-0.590187164
9832	9/4/2019 12:19:46		-122.36	37.7144				1922.87802	RS-700	-0.075233731
9833	9/4/2019 12:19:47		-122.36	37.7144				1872.10068	RS-700	-0.327857313
9834	9/4/2019 12:19:48		-122.36	37.7145				1848.28402	RS-700	-0.446348159
9835	9/4/2019 12:19:49		-122.36	37.7145				1939.78875	RS-700	0.008899254
9836	9/4/2019 12:19:50		-122.36	37.7145				1843.83158	RS-700	-0.468499602
9837	9/4/2019 12:19:51		-122.36	37.7145				1879.48292	RS-700	-0.291129751
9838	9/4/2019 12:19:52		-122.36	37.7145				1907.29695	RS-700	-0.152751493
9839	9/4/2019 12:19:53		-122.36	37.7145				1818.45015	RS-700	-0.594775373
9840	9/4/2019 12:19:54		-122.36	37.7145				1868.57501	RS-700	-0.34539796
9841	9/4/2019 12:19:55		-122.36	37.7145				1871.47664	RS-700	-0.33096199
9842	9/4/2019 12:19:56		-122.36	37.7145				1876.8574	RS-700	-0.30419204
9843	9/4/2019 12:19:57		-122.36	37.7145				1891.86345	RS-700	-0.229535075
9844	9/4/2019 12:19:58		-122.36	37.7145				1856.47298	RS-700	-0.405607065
9845	9/4/2019 12:19:59		-122.36	37.7145				1879.65781	RS-700	-0.290259652
9846	9/4/2019 12:20:00		-122.36	37.7145				1880.57467	RS-700	-0.285698159
9847	9/4/2019 12:20:01		-122.36	37.7145				1819.64788	RS-700	-0.588816517
9848	9/4/2019 12:20:02		-122.36	37.7145				1910.78122	RS-700	-0.135416816
9849	9/4/2019 12:20:03		-122.36	37.7145				1818.55562	RS-700	-0.594250647
9850	9/4/2019 12:20:04		-122.36	37.7145				1826.65234	RS-700	-0.553968458
9851	9/4/2019 12:20:05		-122.36	37.7145				1891.8694	RS-700	-0.229505473
9852	9/4/2019 12:20:06		-122.36	37.7145				1869.58068	RS-700	-0.340394627
9853	9/4/2019 12:20:07		-122.36	37.7145				1983.20553	RS-700	0.224903134
9854	9/4/2019 12:20:08		-122.36	37.7145				1783.7218	RS-700	-0.767553234
9855	9/4/2019 12:20:09		-122.36	37.7145				1815.09737	RS-700	-0.611455871
9856	9/4/2019 12:20:10		-122.36	37.7145				1850.28927	RS-700	-0.436371791
9857	9/4/2019 12:20:11		-122.36	37.7145				1940.79308	RS-700	0.01389592
9858	9/4/2019 12:20:12		-122.36	37.7145				1965.30212	RS-700	0.135831443
9859	9/4/2019 12:20:13		-122.36	37.7145				1906.39055	RS-700	-0.157260945
9860	9/4/2019 12:20:14		-122.36	37.7145				1920.49716	RS-700	-0.087078806
9861	9/4/2019 12:20:15		-122.36	37.7145				1936.78508	RS-700	-0.006044378
9862	9/4/2019 12:20:16		-122.36	37.7145				1899.96469	RS-700	-0.189230398
9863	9/4/2019 12:20:17		-122.36	37.7145				2001.40057	RS-700	0.315425721
9864	9/4/2019 12:20:18		-122.36	37.7145				1881.0441	RS-700	-0.283362687
9865	9/4/2019 12:20:19		-122.36	37.7145				1886.67401	RS-700	-0.255353184
9866	9/4/2019 12:20:20		-122.36	37.7145				1888.19935	RS-700	-0.247764428
9867	9/4/2019 12:20:21		-122.36	37.7145				1881.47875	RS-700	-0.281200249
9868	9/4/2019 12:20:22		-122.36	37.7145				1944.08333	RS-700	0.030265323
9869	9/4/2019 12:20:23		-122.36	37.7145				1923.39399	RS-700	-0.072666716
9870	9/4/2019 12:20:24		-122.36	37.7145				1946.79059	RS-700	0.043734279
9871	9/4/2019 12:20:25		-122.36	37.7145				1962.50116	RS-700	0.121896318
9872	9/4/2019 12:20:26		-122.36	37.7145				1990.60803	RS-700	0.261731493
9873	9/4/2019 12:20:27		-122.36	37.7145				1894.85296	RS-700	-0.214661891
9874	9/4/2019 12:20:28		-122.36	37.7145				1858.75566	RS-700	-0.394250448
9875	9/4/2019 12:20:29		-122.36	37.7145				1933.78733	RS-700	-0.020958557
9876	9/4/2019 12:20:30		-122.36	37.7145				1935.3986	RS-700	-0.012942289
9877	9/4/2019 12:20:31		-122.36	37.7145				1929.10745	RS-700	-0.044241542
9878	9/4/2019 12:20:32		-122.36	37.7146				1832.83298	RS-700	-0.523219005
9879	9/4/2019 12:20:33		-122.36	37.7146				1925.1993	RS-700	-0.063685075
9880	9/4/2019 12:20:34		-122.36	37.7146				1829.46365	RS-700	-0.539981841
9881	9/4/2019 12:20:35		-122.36	37.7146				1815.73574	RS-700	-0.6082799

Gamma Scan Survey Results
Survey Unit 5 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
9882	9/4/2019 12:20:36		-122.36	37.7146				1892.48457	RS-700	-0.226444925
9883	9/4/2019 12:20:37		-122.36	37.7146				1831.8309	RS-700	-0.528204478
9884	9/4/2019 12:20:38		-122.36	37.7146				1934.8847	RS-700	-0.015499005
9885	9/4/2019 12:20:39		-122.36	37.7146				1942.49496	RS-700	0.022362985
9886	9/4/2019 12:20:40		-122.361	37.7146				1933.58803	RS-700	-0.0219501
9887	9/4/2019 12:20:41		-122.361	37.7146				1907.58227	RS-700	-0.15133199
9888	9/4/2019 12:20:42		-122.361	37.7146				1854.56665	RS-700	-0.415091294
9889	9/4/2019 12:20:43		-122.361	37.7146				1990.70814	RS-700	0.262229552
9890	9/4/2019 12:20:44		-122.361	37.7146				1885.48423	RS-700	-0.261272488
9891	9/4/2019 12:20:45		-122.361	37.7146				1926.89682	RS-700	-0.055239701
9892	9/4/2019 12:20:46		-122.361	37.7146				1824.55887	RS-700	-0.564383731
9893	9/4/2019 12:20:47		-122.361	37.7146				1882.76273	RS-700	-0.274812289
9894	9/4/2019 12:20:48		-122.361	37.7146				1859.56449	RS-700	-0.390226418
9895	9/4/2019 12:20:49		-122.361	37.7146				1913.48605	RS-700	-0.12195995
9896	9/4/2019 12:20:50		-122.361	37.7146				1922.0663	RS-700	-0.079272139
9897	9/4/2019 12:20:51		-122.361	37.7146				1942.49568	RS-700	0.022366567
9898	9/4/2019 12:20:52		-122.361	37.7146				1883.67076	RS-700	-0.270294726
9899	9/4/2019 12:20:53		-122.361	37.7146				1864.3839	RS-700	-0.366249254
9900	9/4/2019 12:20:54		-122.361	37.7146				1883.9527	RS-700	-0.26889204
9901	9/4/2019 12:20:55		-122.361	37.7146				1854.75008	RS-700	-0.414178706
9902	9/4/2019 12:20:56		-122.361	37.7146				1958.79591	RS-700	0.103462239
9903	9/4/2019 12:20:57		-122.361	37.7146				1845.77329	RS-700	-0.458839353
9904	9/4/2019 12:20:58		-122.361	37.7146				1950.50557	RS-700	0.062216766
9905	9/4/2019 12:20:59		-122.361	37.7146				1981.50475	RS-700	0.216441542
9906	9/4/2019 12:21:00		-122.361	37.7146				1935.79051	RS-700	-0.010992488
9907	9/4/2019 12:21:01		-122.361	37.7147				1904.15273	RS-700	-0.168394378
9908	9/4/2019 12:21:02		-122.361	37.7147				1939.59431	RS-700	0.007931891
9909	9/4/2019 12:21:03		-122.361	37.7147				2003.60826	RS-700	0.326409254
9910	9/4/2019 12:21:04		-122.361	37.7147				1960.50471	RS-700	0.111963731
9911	9/4/2019 12:21:05		-122.361	37.7147				1960.28789	RS-700	0.110885025
9912	9/4/2019 12:21:06		-122.361	37.7147				1924.29898	RS-700	-0.068164279
9913	9/4/2019 12:21:07		-122.361	37.7147				2057.83499	RS-700	0.59619398
9914	9/4/2019 12:21:08		-122.361	37.7147				1856.3819	RS-700	-0.406060199
9915	9/4/2019 12:21:09		-122.361	37.7147				1832.56567	RS-700	-0.524548905
9916	9/4/2019 12:21:10		-122.361	37.7147				1865.21671	RS-700	-0.36210592
9917	9/4/2019 12:21:11		-122.361	37.7147				1868.65903	RS-700	-0.34497995
9918	9/4/2019 12:21:12		-122.361	37.7147				1924.9712	RS-700	-0.0648199
9919	9/4/2019 12:21:13		-122.361	37.7147				1866.66522	RS-700	-0.354899403
9920	9/4/2019 12:21:14		-122.361	37.7147				1852.85401	RS-700	-0.423611891
9921	9/4/2019 12:21:15		-122.361	37.7147				1850.37948	RS-700	-0.435922985
9922	9/4/2019 12:21:16		-122.361	37.7147				1731.52892	RS-700	-1.027219303
9923	9/4/2019 12:21:17		-122.361	37.7147				1880.38305	RS-700	-0.286651493
9924	9/4/2019 12:21:18		-122.361	37.7147				1879.37968	RS-700	-0.291643383
9925	9/4/2019 12:21:19		-122.361	37.7147				1892.38855	RS-700	-0.226922637
9926	9/4/2019 12:21:20		-122.361	37.7147				1848.83627	RS-700	-0.443600647
9927	9/4/2019 12:21:21		-122.361	37.7147				1914.53969	RS-700	-0.11671796
9928	9/4/2019 12:21:22		-122.361	37.7147				1942.78841	RS-700	0.023822935
9929	9/4/2019 12:21:23		-122.361	37.7147				1966.50121	RS-700	0.141797065
9930	9/4/2019 12:21:24		-122.361	37.7147				2013.41897	RS-700	0.375218756
9931	9/4/2019 12:21:25		-122.361	37.7147				1956.40189	RS-700	0.091551692
9932	9/4/2019 12:21:26		-122.361	37.7147				1912.58489	RS-700	-0.126443333
9933	9/4/2019 12:21:27		-122.361	37.7147				1994.01471	RS-700	0.278680149
9934	9/4/2019 12:21:28		-122.361	37.7147				1996.51324	RS-700	0.291110647
9935	9/4/2019 12:21:29		-122.361	37.7147				1924.49177	RS-700	-0.067205124
9936	9/4/2019 12:21:30		-122.361	37.7147				2032.61481	RS-700	0.470720448
9937	9/4/2019 12:21:31		-122.361	37.7147				1958.79402	RS-700	0.103452836
9938	9/4/2019 12:21:32		-122.361	37.7148				2012.81935	RS-700	0.372235572
9939	9/4/2019 12:21:33		-122.361	37.7148				1978.59298	RS-700	0.201955124
9940	9/4/2019 12:21:34		-122.361	37.7148				1923.29552	RS-700	-0.073156617
9941	9/4/2019 12:21:35		-122.361	37.7148				2063.97121	RS-700	0.626722438
9942	9/4/2019 12:21:36		-122.361	37.7148				1938.27531	RS-700	0.001369701

Gamma Scan Survey Results
Survey Unit 5 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
9943	9/4/2019 12:21:37		-122.361	37.7148				2019.42068	RS-700	0.40507801
9944	9/4/2019 12:21:38		-122.361	37.7148				2087.74232	RS-700	0.744986667
9945	9/4/2019 12:21:39		-122.361	37.7148				2107.37724	RS-700	0.842672836
9946	9/4/2019 12:21:40		-122.361	37.7148				2066.85348	RS-700	0.64106209
9947	9/4/2019 12:21:41		-122.361	37.7148				2086.95755	RS-700	0.741082338
9948	9/4/2019 12:21:42		-122.361	37.7148				2217.90119	RS-700	1.392543234
9949	9/4/2019 12:21:43		-122.361	37.7148				2199.17315	RS-700	1.299368905
9950	9/4/2019 12:21:44		-122.361	37.7148				2137.98159	RS-700	0.994933284
9951	9/4/2019 12:21:45		-122.361	37.7148				2067.95937	RS-700	0.64656403
9952	9/4/2019 12:21:46		-122.361	37.7148				2192.1136	RS-700	1.264246766
9953	9/4/2019 12:21:47		-122.361	37.7148				2011.72011	RS-700	0.366766716
9954	9/4/2019 12:21:48		-122.361	37.7148				2073.82471	RS-700	0.675744826
9955	9/4/2019 12:21:49		-122.361	37.7148				1889.39082	RS-700	-0.241836716
9956	9/4/2019 12:21:50		-122.361	37.7148				1968.88882	RS-700	0.153675721
9957	9/4/2019 12:21:51		-122.361	37.7148				1931.49446	RS-700	-0.032365871
9958	9/4/2019 12:21:52		-122.361	37.7148				1816.57485	RS-700	-0.604105224
9959	9/4/2019 12:21:53		-122.361	37.7148				1910.58371	RS-700	-0.136399453
9960	9/4/2019 12:21:54		-122.361	37.7148				1894.04453	RS-700	-0.21868393
9961	9/4/2019 12:21:55		-122.361	37.7148				1926.68505	RS-700	-0.056293284
9962	9/4/2019 12:21:56		-122.361	37.7148				1901.95309	RS-700	-0.179337861
9963	9/4/2019 12:21:57		-122.361	37.7148				1978.50738	RS-700	0.201529254
9964	9/4/2019 12:21:58		-122.361	37.7148				1795.73665	RS-700	-0.707777861
9965	9/4/2019 12:21:59		-122.361	37.7148				1954.4013	RS-700	0.081598507
9966	9/4/2019 12:22:00		-122.361	37.7148				1940.09089	RS-700	0.010402438
9967	9/4/2019 12:22:01		-122.361	37.7148				1934.67734	RS-700	-0.016530647
9968	9/4/2019 12:22:02		-122.361	37.7148				1945.69343	RS-700	0.038275771
9969	9/4/2019 12:22:03		-122.361	37.7148				1851.37361	RS-700	-0.430977065
9970	9/4/2019 12:22:04		-122.361	37.7148				2009.81318	RS-700	0.357279502
9971	9/4/2019 12:22:05		-122.361	37.7148				1928.98425	RS-700	-0.044854478
9972	9/4/2019 12:22:06		-122.361	37.7148				1913.29783	RS-700	-0.122896368
9973	9/4/2019 12:22:07		-122.361	37.7149				1905.39373	RS-700	-0.162220249
9974	9/4/2019 12:22:08		-122.361	37.7149				1896.86785	RS-700	-0.204637562
9975	9/4/2019 12:22:09		-122.361	37.7149				1908.67801	RS-700	-0.145880547
9976	9/4/2019 12:22:10		-122.361	37.7149				1916.58625	RS-700	-0.10653607
9977	9/4/2019 12:22:11		-122.361	37.7149				1898.48515	RS-700	-0.196591294
9978	9/4/2019 12:22:12		-122.361	37.7149				1846.84217	RS-700	-0.453521542
9979	9/4/2019 12:22:13		-122.361	37.7149				1856.38968	RS-700	-0.406021493
9980	9/4/2019 12:22:14		-122.361	37.7149				1786.45432	RS-700	-0.753958607
9981	9/4/2019 12:22:15		-122.361	37.7149				1795.46435	RS-700	-0.709132587
9982	9/4/2019 12:22:16		-122.361	37.7149				1517.68893	RS-700	-2.091099851
9983	9/4/2019 12:22:17		-122.361	37.7149				1492.46179	RS-700	-2.21660801
9984	9/4/2019 12:22:18		-122.361	37.7149				1252.38351	RS-700	-3.411027313
9985	9/4/2019 12:22:19		-122.361	37.7149				1181.24182	RS-700	-3.76496607
9986	9/4/2019 12:22:20		-122.361	37.7149				925.14345	RS-700	-5.039087313
9987	9/4/2019 12:22:21		-122.361	37.7149				1085.16772	RS-700	-4.242946667
9988	9/4/2019 12:22:22		-122.361	37.7149				1269.32505	RS-700	-3.326741045
9989	9/4/2019 12:22:23		-122.361	37.7149				1485.525	RS-700	-2.251119403
9990	9/4/2019 12:22:24		-122.361	37.7149				1778.36589	RS-700	-0.794199552
9991	9/4/2019 12:22:25		-122.361	37.7149				1829.65084	RS-700	-0.539050547
9992	9/4/2019 12:22:26		-122.361	37.7149				1859.38369	RS-700	-0.39112592
9993	9/4/2019 12:22:27		-122.361	37.7149				1884.57363	RS-700	-0.265802836
9994	9/4/2019 12:22:28		-122.361	37.7149				1845.5609	RS-700	-0.45989602
9995	9/4/2019 12:22:29		-122.361	37.7149				1881.38678	RS-700	-0.281657811
9996	9/4/2019 12:22:30		-122.361	37.7149				1953.88961	RS-700	0.079052786
9997	9/4/2019 12:22:31		-122.361	37.7149				2006.20869	RS-700	0.339346716
9998	9/4/2019 12:22:32		-122.361	37.7149				1999.71172	RS-700	0.307023483
9999	9/4/2019 12:22:33		-122.361	37.7149				1975.30601	RS-700	0.18560204
10000	9/4/2019 12:22:34		-122.361	37.7149				1974.09707	RS-700	0.179587413
10001	9/4/2019 12:22:35		-122.361	37.7149				1921.48686	RS-700	-0.082154925
10002	9/4/2019 12:22:36		-122.361	37.715				1849.56909	RS-700	-0.439954776
10003	9/4/2019 12:22:37		-122.361	37.715				1927.61605	RS-700	-0.051661443

Gamma Scan Survey Results
Survey Unit 5 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
10004	9/4/2019 12:22:38		-122.361	37.715				1815.9195	RS-700	-0.607365672
10005	9/4/2019 12:22:39		-122.361	37.715				1836.92741	RS-700	-0.502848706
10006	9/4/2019 12:22:40		-122.361	37.715				1845.9348	RS-700	-0.458035821
10007	9/4/2019 12:22:41		-122.361	37.715				1769.5263	RS-700	-0.838177612
10008	9/4/2019 12:22:42		-122.361	37.715				1895.58347	RS-700	-0.211027512
10009	9/4/2019 12:22:43		-122.361	37.715				1857.94061	RS-700	-0.398305423
10010	9/4/2019 12:22:44		-122.361	37.715				1885.19865	RS-700	-0.262693284
10011	9/4/2019 12:22:45		-122.361	37.715				1825.2708	RS-700	-0.560841791
10012	9/4/2019 12:22:46		-122.361	37.715				1726.871	RS-700	-1.050393035
10013	9/4/2019 12:22:47		-122.361	37.715				1795.27731	RS-700	-0.710063134
10014	9/4/2019 12:22:48		-122.361	37.715				1745.95626	RS-700	-0.955441493
10015	9/4/2019 12:22:49		-122.361	37.715				1760.06685	RS-700	-0.885239552
10016	9/4/2019 12:22:50		-122.361	37.715				1890.38962	RS-700	-0.236867562
10017	9/4/2019 12:22:51		-122.361	37.715				1863.47765	RS-700	-0.37075796
10018	9/4/2019 12:22:52		-122.361	37.715				1889.48895	RS-700	-0.241348507
10019	9/4/2019 12:22:53		-122.361	37.715				1897.48281	RS-700	-0.20157806
10020	9/4/2019 12:22:54		-122.361	37.715				1884.57725	RS-700	-0.265784826
10021	9/4/2019 12:22:55		-122.361	37.715				1920.49246	RS-700	-0.087102189
10022	9/4/2019 12:22:56		-122.361	37.715				1952.79363	RS-700	0.073600149
10023	9/4/2019 12:22:57		-122.361	37.715				1934.69351	RS-700	-0.016450199
10024	9/4/2019 12:22:58		-122.361	37.715				1939.3067	RS-700	0.006500995
10025	9/4/2019 12:22:59		-122.361	37.715				1880.94983	RS-700	-0.283831692
10026	9/4/2019 12:23:00		-122.361	37.715				1998.01084	RS-700	0.298561393
10027	9/4/2019 12:23:01		-122.361	37.715				1868.74227	RS-700	-0.344565821
10028	9/4/2019 12:23:02		-122.361	37.715				1914.87353	RS-700	-0.115057065
10029	9/4/2019 12:23:03		-122.361	37.715				1920.87418	RS-700	-0.085203085
10030	9/4/2019 12:23:04		-122.361	37.715				1902.4881	RS-700	-0.176676119
10031	9/4/2019 12:23:05		-122.361	37.7151				1859.65933	RS-700	-0.389754577
10032	9/4/2019 12:23:06		-122.361	37.7151				1918.39483	RS-700	-0.097538159
10033	9/4/2019 12:23:07		-122.361	37.7151				1909.56997	RS-700	-0.141442935
10034	9/4/2019 12:23:08		-122.361	37.7151				2033.2131	RS-700	0.473697015
10035	9/4/2019 12:23:09		-122.361	37.7151				1960.89611	RS-700	0.113910995
10036	9/4/2019 12:23:10		-122.361	37.7151				1930.16167	RS-700	-0.038996667
10037	9/4/2019 12:23:11		-122.361	37.7151				1888.47535	RS-700	-0.246391294
10038	9/4/2019 12:23:12		-122.361	37.7151				1942.49194	RS-700	0.02234796
10039	9/4/2019 12:23:13		-122.361	37.7151				1866.57887	RS-700	-0.355329005
10040	9/4/2019 12:23:14		-122.361	37.7151				1849.47399	RS-700	-0.44042791
10041	9/4/2019 12:23:15		-122.361	37.7151				1894.585	RS-700	-0.215995025
10042	9/4/2019 12:23:16		-122.361	37.7151				1861.47245	RS-700	-0.38073408
10043	9/4/2019 12:23:17		-122.361	37.7151				1931.49654	RS-700	-0.032355522
10044	9/4/2019 12:23:18		-122.361	37.7151				1937.30615	RS-700	-0.00345199
10045	9/4/2019 12:23:19		-122.361	37.7151				1872.47344	RS-700	-0.326002786
10046	9/4/2019 12:23:20		-122.361	37.7151				1825.37068	RS-700	-0.560344876
10047	9/4/2019 12:23:21		-122.361	37.7151				1896.67745	RS-700	-0.205584826
10048	9/4/2019 12:23:22		-122.361	37.7151				1855.19777	RS-700	-0.411951393
10049	9/4/2019 12:23:23		-122.361	37.7151				1906.38419	RS-700	-0.157292587
10050	9/4/2019 12:23:24		-122.361	37.7151				1872.57077	RS-700	-0.325518557
10051	9/4/2019 12:23:25		-122.361	37.7151				1874.85027	RS-700	-0.314177761
10052	9/4/2019 12:23:26		-122.361	37.7151				1814.71729	RS-700	-0.613346816
10053	9/4/2019 12:23:27		-122.361	37.7151				1816.72456	RS-700	-0.603360398
10054	9/4/2019 12:23:28		-122.361	37.7151				1826.83532	RS-700	-0.553058109
10055	9/4/2019 12:23:29		-122.361	37.7151				1785.90273	RS-700	-0.756702836
10056	9/4/2019 12:23:30		-122.361	37.7151				1858.66401	RS-700	-0.394706418
10057	9/4/2019 12:23:31		-122.361	37.7151				1848.44695	RS-700	-0.445537562
10058	9/4/2019 12:23:32		-122.361	37.7151				1769.62826	RS-700	-0.837670348
10059	9/4/2019 12:23:33		-122.361	37.7151				1835.55282	RS-700	-0.509687463
10060	9/4/2019 12:23:34		-122.361	37.7151				1866.75411	RS-700	-0.354457164
10061	9/4/2019 12:23:35		-122.361	37.7151				1818.64939	RS-700	-0.593784129
10062	9/4/2019 12:23:36		-122.361	37.7151				1825.55975	RS-700	-0.559404229
10063	9/4/2019 12:23:37		-122.361	37.7152				1871.4826	RS-700	-0.330932338
10064	9/4/2019 12:23:38		-122.362	37.7152				1821.83185	RS-700	-0.577950995

Gamma Scan Survey Results
Survey Unit 5 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
10065	9/4/2019 12:23:39		-122.362	37.7152				1788.36677	RS-700	-0.74444393
10066	9/4/2019 12:23:40		-122.362	37.7152				1815.55361	RS-700	-0.60918602
10067	9/4/2019 12:23:41		-122.362	37.7152				1886.33127	RS-700	-0.257058358
10068	9/4/2019 12:23:42		-122.362	37.7152				1798.71878	RS-700	-0.692941393
10069	9/4/2019 12:23:43		-122.362	37.7152				1817.72249	RS-700	-0.598395572
10070	9/4/2019 12:23:44		-122.362	37.7152				1819.47337	RS-700	-0.589684726
10071	9/4/2019 12:23:45		-122.362	37.7152				1888.57566	RS-700	-0.245892239
10072	9/4/2019 12:23:46		-122.362	37.7152				1767.54267	RS-700	-0.848046418
10073	9/4/2019 12:23:47		-122.362	37.7152				1796.73252	RS-700	-0.702823284
10074	9/4/2019 12:23:48		-122.362	37.7152				1790.36491	RS-700	-0.734502935
10075	9/4/2019 12:23:49		-122.362	37.7152				1785.81509	RS-700	-0.757138856
10076	9/4/2019 12:23:50		-122.362	37.7152				1760.18482	RS-700	-0.884652637
10077	9/4/2019 12:23:51		-122.362	37.7152				1827.46744	RS-700	-0.549913234
10078	9/4/2019 12:23:52		-122.362	37.7152				1810.64369	RS-700	-0.633613483
10079	9/4/2019 12:23:53		-122.362	37.7152				1820.74752	RS-700	-0.583345672
10080	9/4/2019 12:23:54		-122.362	37.7152				1913.68048	RS-700	-0.120992637
10081	9/4/2019 12:23:55		-122.362	37.7152				1817.64543	RS-700	-0.598778955
10082	9/4/2019 12:23:56		-122.362	37.7152				1840.46983	RS-700	-0.485224726
10083	9/4/2019 12:23:57		-122.362	37.7152				1873.86346	RS-700	-0.319087264
10084	9/4/2019 12:23:58		-122.362	37.7152				1919.39664	RS-700	-0.09255403
10085	9/4/2019 12:23:59		-122.362	37.7152				1726.87669	RS-700	-1.050364726
10086	9/4/2019 12:24:00		-122.362	37.7152				1815.55668	RS-700	-0.609170746
10087	9/4/2019 12:24:01		-122.362	37.7152				1803.38014	RS-700	-0.669750547
10088	9/4/2019 12:24:02		-122.362	37.7152				1820.01589	RS-700	-0.586985622
10089	9/4/2019 12:24:03		-122.362	37.7152				1920.67806	RS-700	-0.086178806
10090	9/4/2019 12:24:04		-122.362	37.7152				1856.66269	RS-700	-0.404663234
10091	9/4/2019 12:24:05		-122.362	37.7152				1768.80299	RS-700	-0.841776169
10092	9/4/2019 12:24:06		-122.362	37.7152				1851.03042	RS-700	-0.432684478
10093	9/4/2019 12:24:07		-122.362	37.7152				1856.02864	RS-700	-0.407817711
10094	9/4/2019 12:24:08		-122.362	37.7152				1837.46764	RS-700	-0.500160995
10095	9/4/2019 12:24:09		-122.362	37.7153				1964.6031	RS-700	0.132353731
10096	9/4/2019 12:24:10		-122.362	37.7153				1960.50457	RS-700	0.111963035
10097	9/4/2019 12:24:11		-122.362	37.7153				1936.21308	RS-700	-0.008890149
10098	9/4/2019 12:24:12		-122.362	37.7153				1946.49297	RS-700	0.042253582
10099	9/4/2019 12:24:13		-122.362	37.7153				1918.68358	RS-700	-0.096101592
10100	9/4/2019 12:24:14		-122.362	37.7153				1951.79204	RS-700	0.068617114
10101	9/4/2019 12:24:15		-122.362	37.7153				1824.19043	RS-700	-0.566216766
10102	9/4/2019 12:24:16		-122.362	37.7153				1782.36719	RS-700	-0.774292587
10103	9/4/2019 12:24:17		-122.362	37.7153				1806.1669	RS-700	-0.65588607
10104	9/4/2019 12:24:18		-122.362	37.7153				1805.55324	RS-700	-0.658939104
10105	9/4/2019 12:24:19		-122.362	37.7153				1914.50474	RS-700	-0.116891841
10106	9/4/2019 12:24:20		-122.362	37.7153				1763.80794	RS-700	-0.866627164
10107	9/4/2019 12:24:21		-122.362	37.7153				1744.52701	RS-700	-0.962552189
10108	9/4/2019 12:24:22		-122.362	37.7153				1856.47323	RS-700	-0.405605821
10109	9/4/2019 12:24:23		-122.362	37.7153				1864.75375	RS-700	-0.364409204
10110	9/4/2019 12:24:24		-122.362	37.7153				1905.29543	RS-700	-0.162709303
10111	9/4/2019 12:24:25		-122.362	37.7153				1909.68355	RS-700	-0.140877861
10112	9/4/2019 12:24:26		-122.362	37.7153				1841.37938	RS-700	-0.480699602
10113	9/4/2019 12:24:27		-122.362	37.7153				1910.5769	RS-700	-0.136433333
10114	9/4/2019 12:24:28		-122.362	37.7153				1857.84994	RS-700	-0.398756517
10115	9/4/2019 12:24:29		-122.362	37.7153				1868.76004	RS-700	-0.344477413
10116	9/4/2019 12:24:30		-122.362	37.7153				1877.89281	RS-700	-0.299040746
10117	9/4/2019 12:24:31		-122.362	37.7153				1989.90284	RS-700	0.258223085
10118	9/4/2019 12:24:32		-122.362	37.7153				1977.6059	RS-700	0.197044279
10119	9/4/2019 12:24:33		-122.362	37.7153				1922.56629	RS-700	-0.076784627
10120	9/4/2019 12:24:34		-122.362	37.7154				2051.42291	RS-700	0.564293085
10121	9/4/2019 12:24:35		-122.362	37.7154				1985.00508	RS-700	0.233856119
10122	9/4/2019 12:24:36		-122.362	37.7154				2036.61529	RS-700	0.490623333
10123	9/4/2019 12:24:37		-122.362	37.7154				1960.49852	RS-700	0.111932935
10124	9/4/2019 12:24:38		-122.362	37.7154				2080.36798	RS-700	0.708298408
10125	9/4/2019 12:24:39		-122.362	37.7154				2052.03614	RS-700	0.56734398

Gamma Scan Survey Results
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SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
10126	9/4/2019 12:24:40		-122.362	37.7154				2133.66148	RS-700	0.973440199
10127	9/4/2019 12:24:41		-122.362	37.7154				2039.72027	RS-700	0.506070995
10128	9/4/2019 12:24:42		-122.362	37.7154				2135.25933	RS-700	0.981389701
10129	9/4/2019 12:24:43		-122.362	37.7154				2119.55388	RS-700	0.903253134
10130	9/4/2019 12:24:44		-122.362	37.7154				2070.0479	RS-700	0.656954726
10131	9/4/2019 12:24:45		-122.362	37.7154				2018.51011	RS-700	0.400547811
10132	9/4/2019 12:24:46		-122.362	37.7154				1968.79954	RS-700	0.153231542
10133	9/4/2019 12:24:47		-122.362	37.7154				1909.87356	RS-700	-0.139932537
10134	9/4/2019 12:24:48		-122.362	37.7154				1849.2896	RS-700	-0.441345274
10135	9/4/2019 12:24:49		-122.362	37.7154				1877.66418	RS-700	-0.300178209
10136	9/4/2019 12:24:50		-122.362	37.7154				1884.67572	RS-700	-0.265294925
10137	9/4/2019 12:24:51		-122.362	37.7154				1851.84244	RS-700	-0.428644577
10138	9/4/2019 12:24:52		-122.362	37.7154				1929.88034	RS-700	-0.040396318
10139	9/4/2019 12:24:53		-122.362	37.7154				1987.40935	RS-700	0.245817662
10140	9/4/2019 12:24:54		-122.362	37.7154				1947.79149	RS-700	0.048713881
10141	9/4/2019 12:24:55		-122.362	37.7154				1917.19988	RS-700	-0.103483184
10142	9/4/2019 12:24:56		-122.362	37.7154				1936.98409	RS-700	-0.005054279
10143	9/4/2019 12:24:57		-122.362	37.7154				1869.75859	RS-700	-0.339509502
10144	9/4/2019 12:24:58		-122.362	37.7154				1912.58449	RS-700	-0.126445323
10145	9/4/2019 12:24:59		-122.362	37.7154				1933.59887	RS-700	-0.021896169
10146	9/4/2019 12:25:00		-122.362	37.7154				1962.99227	RS-700	0.124339652
10147	9/4/2019 12:25:01		-122.362	37.7154				2055.62759	RS-700	0.585211891
10148	9/4/2019 12:25:02		-122.362	37.7154				2011.71731	RS-700	0.366752786
10149	9/4/2019 12:25:03		-122.362	37.7154				1999.70966	RS-700	0.307013234
10150	9/4/2019 12:25:04		-122.362	37.7154				1868.60147	RS-700	-0.345266318
10151	9/4/2019 12:25:05		-122.362	37.7154				1992.30821	RS-700	0.2701901
10152	9/4/2019 12:25:06		-122.362	37.7155				1973.50588	RS-700	0.176646169
10153	9/4/2019 12:25:07		-122.362	37.7155				1923.39668	RS-700	-0.072653333
10154	9/4/2019 12:25:08		-122.362	37.7155				1852.47312	RS-700	-0.425506866
10155	9/4/2019 12:25:09		-122.362	37.7155				1731.52597	RS-700	-1.02723398
10156	9/4/2019 12:25:10		-122.362	37.7155				1753.63341	RS-700	-0.917246716
10157	9/4/2019 12:25:11		-122.362	37.7155				1885.57465	RS-700	-0.260822637
10158	9/4/2019 12:25:12		-122.362	37.7155				1948.18436	RS-700	0.050668458
10159	9/4/2019 12:25:13		-122.362	37.7155				1895.48533	RS-700	-0.211515771
10160	9/4/2019 12:25:14		-122.362	37.7155				2008.12071	RS-700	0.348859254
10161	9/4/2019 12:25:15		-122.362	37.7155				1920.99068	RS-700	-0.084623483
10162	9/4/2019 12:25:16		-122.362	37.7155				1900.58084	RS-700	-0.186164975
10163	9/4/2019 12:25:17		-122.362	37.7155				1907.38371	RS-700	-0.152319851
10164	9/4/2019 12:25:18		-122.362	37.7155				1924.49534	RS-700	-0.067187363
10165	9/4/2019 12:25:19		-122.362	37.7155				1917.48874	RS-700	-0.10204607
10166	9/4/2019 12:25:20		-122.362	37.7155				1870.48077	RS-700	-0.335916567
10167	9/4/2019 12:25:21		-122.362	37.7155				1974.89998	RS-700	0.18358199
10168	9/4/2019 12:25:22		-122.362	37.7155				1925.40427	RS-700	-0.062665323
10169	9/4/2019 12:25:23		-122.362	37.7155				2048.44124	RS-700	0.549458905
10170	9/4/2019 12:25:24		-122.362	37.7155				2006.91537	RS-700	0.342862537
10171	9/4/2019 12:25:25		-122.362	37.7155				2049.65674	RS-700	0.555506169
10172	9/4/2019 12:25:26		-122.362	37.7155				2016.71863	RS-700	0.391634975
10173	9/4/2019 12:25:27		-122.362	37.7155				2109.85581	RS-700	0.85500403
10174	9/4/2019 12:25:28		-122.362	37.7155				1992.71414	RS-700	0.272209652
10175	9/4/2019 12:25:29		-122.362	37.7155				1995.51105	RS-700	0.286124627
10176	9/4/2019 12:25:30		-122.362	37.7155				2012.92236	RS-700	0.37274806
10177	9/4/2019 12:25:31		-122.362	37.7155				1875.38538	RS-700	-0.311515522
10178	9/4/2019 12:25:32		-122.362	37.7155				1917.9752	RS-700	-0.099625871
10179	9/4/2019 12:25:33		-122.362	37.7155				1913.77704	RS-700	-0.120512239
10180	9/4/2019 12:25:34		-122.362	37.7156				1958.59995	RS-700	0.102487313
10181	9/4/2019 12:25:35		-122.362	37.7156				1864.56347	RS-700	-0.365355871
10182	9/4/2019 12:25:36		-122.362	37.7156				1942.99698	RS-700	0.024860597
10183	9/4/2019 12:25:37		-122.362	37.7156				1911.67482	RS-700	-0.130971045
10184	9/4/2019 12:25:38		-122.362	37.7156				1924.07035	RS-700	-0.069301741
10185	9/4/2019 12:25:39		-122.362	37.7156				1931.39873	RS-700	-0.032842139
10186	9/4/2019 12:25:40		-122.362	37.7156				1972.80203	RS-700	0.173144428

Gamma Scan Survey Results
Survey Unit 5 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
10187	9/4/2019 12:25:41		-122.362	37.7156				1907.68114	RS-700	-0.1508401
10188	9/4/2019 12:25:42		-122.362	37.7156				1979.80748	RS-700	0.207997413
10189	9/4/2019 12:25:43		-122.362	37.7156				1963.50109	RS-700	0.126871095
10190	9/4/2019 12:25:44		-122.362	37.7156				1985.01223	RS-700	0.233891692
10191	9/4/2019 12:25:45		-122.362	37.7156				2074.63492	RS-700	0.679775721
10192	9/4/2019 12:25:46		-122.362	37.7156				2028.516	RS-700	0.450328358
10193	9/4/2019 12:25:47		-122.362	37.7156				2002.91263	RS-700	0.322948408
10194	9/4/2019 12:25:48		-122.362	37.7156				2001.31821	RS-700	0.31501597
10195	9/4/2019 12:25:49		-122.362	37.7156				1971.40913	RS-700	0.166214577
10196	9/4/2019 12:25:50		-122.362	37.7156				1930.47446	RS-700	-0.037440498
10197	9/4/2019 12:25:51		-122.362	37.7156				1937.79373	RS-700	-0.001026219
10198	9/4/2019 12:25:52		-122.362	37.7156				1869.6641	RS-700	-0.339979602
10199	9/4/2019 12:25:53		-122.362	37.7156				1947.88713	RS-700	0.049189701
10200	9/4/2019 12:25:54		-122.362	37.7156				2017.02501	RS-700	0.393159254
10201	9/4/2019 12:25:55		-122.362	37.7156				1888.14374	RS-700	-0.248041095
10202	9/4/2019 12:25:56		-122.362	37.7156				1919.49623	RS-700	-0.092058557
10203	9/4/2019 12:25:57		-122.362	37.7156				2196.21825	RS-700	1.28466791
10204	9/4/2019 12:25:58		-122.362	37.7156				2166.42196	RS-700	1.136427662
10205	9/4/2019 12:25:59		-122.362	37.7156				2107.85511	RS-700	0.845050299
10206	9/4/2019 12:26:00		-122.362	37.7156				2144.543	RS-700	1.027577114
10207	9/4/2019 12:26:01		-122.362	37.7157				2129.5435	RS-700	0.952952736
10208	9/4/2019 12:26:02		-122.362	37.7157				2025.82281	RS-700	0.436929403
10209	9/4/2019 12:26:03		-122.362	37.7157				2048.84754	RS-700	0.551480299
10210	9/4/2019 12:26:04		-122.362	37.7157				2171.66788	RS-700	1.162526766
10211	9/4/2019 12:26:05		-122.362	37.7157				2094.06424	RS-700	0.776439005
10212	9/4/2019 12:26:06		-122.362	37.7157				1940.69254	RS-700	0.013395721
10213	9/4/2019 12:26:07		-122.362	37.7157				2051.34675	RS-700	0.563914179
10214	9/4/2019 12:26:08		-122.362	37.7157				2019.3109	RS-700	0.404531841
10215	9/4/2019 12:26:09		-122.362	37.7157				2079.84327	RS-700	0.70568791
10216	9/4/2019 12:26:10		-122.362	37.7157				2071.9492	RS-700	0.66641393
10217	9/4/2019 12:26:11		-122.362	37.7157				2083.85137	RS-700	0.725628706
10218	9/4/2019 12:26:12		-122.362	37.7157				2049.73935	RS-700	0.555917164
10219	9/4/2019 12:26:13		-122.362	37.7157				2046.73119	RS-700	0.540951194
10220	9/4/2019 12:26:14		-122.362	37.7157				2014.82903	RS-700	0.38223398
10221	9/4/2019 12:26:15		-122.362	37.7157				1946.31245	RS-700	0.041355473
10222	9/4/2019 12:26:16		-122.362	37.7157				2039.62485	RS-700	0.505596269
10223	9/4/2019 12:26:17		-122.362	37.7157				2028.63417	RS-700	0.450916269
10224	9/4/2019 12:26:18		-122.362	37.7157				2095.38408	RS-700	0.783005373
10225	9/4/2019 12:26:19		-122.362	37.7157				1975.30937	RS-700	0.185618756
10226	9/4/2019 12:26:20		-122.362	37.7157				2012.81444	RS-700	0.372211144
10227	9/4/2019 12:26:21		-122.362	37.7157				1930.79362	RS-700	-0.035852637
10228	9/4/2019 12:26:22		-122.362	37.7157				2024.71674	RS-700	0.431426567
10229	9/4/2019 12:26:23		-122.362	37.7157				2045.24118	RS-700	0.533538209
10230	9/4/2019 12:26:24		-122.362	37.7157				1836.67146	RS-700	-0.50412209
10231	9/4/2019 12:26:25		-122.363	37.7157				1812.55001	RS-700	-0.624129303
10232	9/4/2019 12:26:26		-122.363	37.7157				1732.61959	RS-700	-1.021793085
10233	9/4/2019 12:26:27		-122.363	37.7157				1834.46791	RS-700	-0.515085025
10234	9/4/2019 12:26:28		-122.363	37.7158				1665.42481	RS-700	-1.356095473
10235	9/4/2019 12:26:29		-122.363	37.7158				1753.4501	RS-700	-0.918158706
10236	9/4/2019 12:26:30		-122.363	37.7158				1780.7227	RS-700	-0.782474129
10237	9/4/2019 12:26:31		-122.363	37.7158				1685.61322	RS-700	-1.255655622
10238	9/4/2019 12:26:32		-122.363	37.7158				1747.35919	RS-700	-0.948461741
10239	9/4/2019 12:26:33		-122.363	37.7158				1778.71992	RS-700	-0.792438209
10240	9/4/2019 12:26:34		-122.363	37.7158				1843.38126	RS-700	-0.47074
10241	9/4/2019 12:26:35		-122.363	37.7158				1766.98443	RS-700	-0.850823731
10242	9/4/2019 12:26:36		-122.363	37.7158				1894.4827	RS-700	-0.21650398
10243	9/4/2019 12:26:37		-122.363	37.7158				1885.58115	RS-700	-0.260790299
10244	9/4/2019 12:26:38		-122.363	37.7158				1857.4767	RS-700	-0.400613433
10245	9/4/2019 12:26:39		-122.363	37.7158				1914.40221	RS-700	-0.11740194
10246	9/4/2019 12:26:40		-122.363	37.7158				1988.49905	RS-700	0.251239055
10247	9/4/2019 12:26:41		-122.363	37.7158				1987.60844	RS-700	0.246808159

Gamma Scan Survey Results
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SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
10248	9/4/2019 12:26:42		-122.363	37.7158				2023.02936	RS-700	0.423031642
10249	9/4/2019 12:26:43		-122.363	37.7158				1953.49624	RS-700	0.077095721
10250	9/4/2019 12:26:44		-122.363	37.7158				1992.90322	RS-700	0.273150348
10251	9/4/2019 12:26:45		-122.363	37.7158				1918.39387	RS-700	-0.097542935
10252	9/4/2019 12:26:46		-122.363	37.7158				1910.49345	RS-700	-0.136848507
10253	9/4/2019 12:26:47		-122.363	37.7158				2025.31556	RS-700	0.434405771
10254	9/4/2019 12:26:48		-122.363	37.7158				2032.82486	RS-700	0.471765473
10255	9/4/2019 12:26:49		-122.363	37.7158				2084.7431	RS-700	0.730065174
10256	9/4/2019 12:26:50		-122.363	37.7158				2014.81525	RS-700	0.382165423
10257	9/4/2019 12:26:51		-122.363	37.7158				2084.84509	RS-700	0.730572587
10258	9/4/2019 12:26:52		-122.363	37.7158				2144.51652	RS-700	1.027445373
10259	9/4/2019 12:26:53		-122.363	37.7158				1974.80055	RS-700	0.183087313
10260	9/4/2019 12:26:54		-122.363	37.7158				2068.14549	RS-700	0.64749
10261	9/4/2019 12:26:55		-122.363	37.7158				2065.73892	RS-700	0.635517015
10262	9/4/2019 12:26:56		-122.363	37.7158				2038.33717	RS-700	0.4991899
10263	9/4/2019 12:26:57		-122.363	37.7159				2075.53234	RS-700	0.684240498
10264	9/4/2019 12:26:58		-122.363	37.7159				1884.58042	RS-700	-0.265769055
10265	9/4/2019 12:26:59		-122.363	37.7159				1984.50607	RS-700	0.231373483
10266	9/4/2019 12:27:00		-122.363	37.7159				1980.90339	RS-700	0.213449701
10267	9/4/2019 12:27:01		-122.363	37.7159				2087.74148	RS-700	0.744982488
10268	9/4/2019 12:27:02		-122.363	37.7159				2083.26779	RS-700	0.722725323
10269	9/4/2019 12:27:03		-122.363	37.7159				2103.53181	RS-700	0.823541343
10270	9/4/2019 12:27:04		-122.363	37.7159				2151.41486	RS-700	1.061765473
10271	9/4/2019 12:27:05		-122.363	37.7159				2103.43234	RS-700	0.823046468
10272	9/4/2019 12:27:06		-122.363	37.7159				2119.29744	RS-700	0.901977313
10273	9/4/2019 12:27:07		-122.363	37.7159				2014.52795	RS-700	0.38073607
10274	9/4/2019 12:27:08		-122.363	37.7159				2094.37431	RS-700	0.777981642
10275	9/4/2019 12:27:09		-122.363	37.7159				2064.41701	RS-700	0.628940348
10276	9/4/2019 12:27:10		-122.363	37.7159				2092.96511	RS-700	0.770970697
10277	9/4/2019 12:27:11		-122.363	37.7159				2096.7558	RS-700	0.789829851
10278	9/4/2019 12:27:12		-122.363	37.7159				2047.73926	RS-700	0.545966468
10279	9/4/2019 12:27:13		-122.363	37.7159				2158.75212	RS-700	1.098269254
10280	9/4/2019 12:27:14		-122.363	37.7159				2014.90826	RS-700	0.382628159
10281	9/4/2019 12:27:15		-122.363	37.7159				2067.73786	RS-700	0.64546199
10282	9/4/2019 12:27:16		-122.363	37.7159				2059.63166	RS-700	0.605132637
10283	9/4/2019 12:27:17		-122.363	37.7159				2118.17669	RS-700	0.896401443
10284	9/4/2019 12:27:18		-122.363	37.7159				2035.11256	RS-700	0.483147065
10285	9/4/2019 12:27:19		-122.363	37.7159				1985.38016	RS-700	0.235722189
10286	9/4/2019 12:27:20		-122.363	37.7159				2011.80196	RS-700	0.36717393
10287	9/4/2019 12:27:21		-122.363	37.7159				1992.62463	RS-700	0.271764328
10288	9/4/2019 12:27:22		-122.363	37.7159				2086.03561	RS-700	0.736495572
10289	9/4/2019 12:27:23		-122.363	37.7159				2143.08624	RS-700	1.020329552
10290	9/4/2019 12:27:24		-122.363	37.7159				2128.07767	RS-700	0.94566005
10291	9/4/2019 12:27:25		-122.363	37.7159				2114.5354	RS-700	0.878285572
10292	9/4/2019 12:27:26		-122.363	37.7159				2110.86651	RS-700	0.860032388
10293	9/4/2019 12:27:27		-122.363	37.7159				2013.71627	RS-700	0.376697861
10294	9/4/2019 12:27:28		-122.363	37.7159				2071.84294	RS-700	0.665885274
10295	9/4/2019 12:27:29		-122.363	37.7159				2038.92819	RS-700	0.502130299
10296	9/4/2019 12:27:30		-122.363	37.7159				2084.9478	RS-700	0.731083582
10297	9/4/2019 12:27:31		-122.363	37.7159				2028.72129	RS-700	0.451349701
10298	9/4/2019 12:27:32		-122.363	37.7159				2070.52906	RS-700	0.659348557
10299	9/4/2019 12:27:33		-122.363	37.7159				2129.33605	RS-700	0.951920647
10300	9/4/2019 12:27:34		-122.363	37.7159				2095.06809	RS-700	0.781433284
10301	9/4/2019 12:27:35		-122.363	37.7159				1986.99405	RS-700	0.243751493
10302	9/4/2019 12:27:36		-122.363	37.7159				2101.43025	RS-700	0.813085821
10303	9/4/2019 12:27:37		-122.363	37.7159				2069.73227	RS-700	0.655384428
10304	9/4/2019 12:27:38		-122.363	37.7159				2029.41262	RS-700	0.454789154
10305	9/4/2019 12:27:39		-122.363	37.7159				2098.74535	RS-700	0.799728109
10306	9/4/2019 12:27:40		-122.363	37.7159				1988.50977	RS-700	0.251292388
10307	9/4/2019 12:27:41		-122.363	37.7159				2033.72519	RS-700	0.476244726
10308	9/4/2019 12:27:42		-122.363	37.7159				2030.72027	RS-700	0.461294876

Gamma Scan Survey Results
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SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
10309	9/4/2019 12:27:43		-122.363	37.7159				2041.72873	RS-700	0.516063333
10310	9/4/2019 12:27:44		-122.363	37.7159				2110.95812	RS-700	0.860488159
10311	9/4/2019 12:27:45		-122.363	37.7159				2096.64877	RS-700	0.789297363
10312	9/4/2019 12:27:46		-122.363	37.716				2112.74719	RS-700	0.869389005
10313	9/4/2019 12:27:47		-122.363	37.716				2165.24018	RS-700	1.130548159
10314	9/4/2019 12:27:48		-122.363	37.716				2194.02042	RS-700	1.273733433
10315	9/4/2019 12:27:49		-122.363	37.716				2189.68496	RS-700	1.25216398
10316	9/4/2019 12:27:50		-122.363	37.716				2184.5626	RS-700	1.226679602
10317	9/4/2019 12:27:51		-122.363	37.716				2199.56235	RS-700	1.301305224
10318	9/4/2019 12:27:52		-122.363	37.716				2162.33534	RS-700	1.116096219
10319	9/4/2019 12:27:53		-122.363	37.716				2013.81338	RS-700	0.377180995
10320	9/4/2019 12:27:54		-122.363	37.716				2022.7236	RS-700	0.421510448
10321	9/4/2019 12:27:55		-122.363	37.716				1899.8629	RS-700	-0.189736816
10322	9/4/2019 12:27:56		-122.363	37.716				2025.92853	RS-700	0.437455373
10323	9/4/2019 12:27:57		-122.363	37.716				1942.49648	RS-700	0.022370547
10324	9/4/2019 12:27:58		-122.363	37.716				2025.621	RS-700	0.435925373
10325	9/4/2019 12:27:59		-122.363	37.716				1924.58997	RS-700	-0.066716567
10326	9/4/2019 12:28:00		-122.363	37.716				1968.50561	RS-700	0.151769204
10327	9/4/2019 12:28:01		-122.363	37.716				1970.70477	RS-700	0.162710299
10328	9/4/2019 12:28:02		-122.363	37.716				1990.70761	RS-700	0.262226915
10329	9/4/2019 12:28:03		-122.363	37.716				1955.79248	RS-700	0.088519801
10330	9/4/2019 12:28:04		-122.363	37.716				1968.40496	RS-700	0.151268458
10331	9/4/2019 12:28:05		-122.363	37.716				1996.20769	RS-700	0.289590498
10332	9/4/2019 12:28:06		-122.363	37.716				1984.70597	RS-700	0.23236801
10333	9/4/2019 12:28:07		-122.363	37.716				1999.51447	RS-700	0.306042139
10334	9/4/2019 12:28:08		-122.363	37.716				2103.85028	RS-700	0.825125771
10335	9/4/2019 12:28:09		-122.363	37.716				2198.67573	RS-700	1.296894179
10336	9/4/2019 12:28:10		-122.363	37.716				2190.33825	RS-700	1.255414179
10337	9/4/2019 12:28:11		-122.363	37.716				2197.5614	RS-700	1.291350249
10338	9/4/2019 12:28:12		-122.363	37.716				2177.55447	RS-700	1.191813284
10339	9/4/2019 12:28:13		-122.363	37.716				1917.39975	RS-700	-0.102488806
10340	9/4/2019 12:28:14		-122.363	37.716				1695.59727	RS-700	-1.205983731
10341	9/4/2019 12:28:15		-122.363	37.716				1743.8785	RS-700	-0.965778607
10342	9/4/2019 12:28:16		-122.363	37.716				1809.64554	RS-700	-0.638579403
10343	9/4/2019 12:28:17		-122.363	37.716				1423.51907	RS-700	-2.559606617
10344	9/4/2019 12:28:18		-122.363	37.716				1456.37225	RS-700	-2.39615796
10345	9/4/2019 12:28:19		-122.363	37.716				1287.26439	RS-700	-3.237490597
10346	9/4/2019 12:28:20		-122.363	37.716				1225.31278	RS-700	-3.545707562
10347	9/4/2019 12:28:21		-122.363	37.716				1245.38097	RS-700	-3.445865821
10348	9/4/2019 12:28:22		-122.363	37.716				1207.56687	RS-700	-3.633995672
10349	9/4/2019 12:28:23		-122.363	37.716				1047.10998	RS-700	-4.432288657
10350	9/4/2019 12:28:24		-122.363	37.716				1037.25764	RS-700	-4.481305274
10351	9/4/2019 12:28:25		-122.363	37.716				953.19558	RS-700	-4.899524478
10352	9/4/2019 12:28:26		-122.363	37.716				888.09051	RS-700	-5.223430299
10353	9/4/2019 12:28:27		-122.363	37.716				904.19264	RS-700	-5.143320199
10354	9/4/2019 12:28:28		-122.363	37.716				923.09748	RS-700	-5.049266269
10355	9/4/2019 12:28:29		-122.363	37.716				1109.39255	RS-700	-4.122425124
10356	9/4/2019 12:28:30		-122.363	37.716				1354.61761	RS-700	-2.90239995
10357	9/4/2019 12:28:31		-122.363	37.7161				1434.2927	RS-700	-2.506006468
10358	9/4/2019 12:28:32		-122.363	37.7161				1549.70762	RS-700	-1.931802886
10359	9/4/2019 12:28:33		-122.363	37.7161				1632.66298	RS-700	-1.519089652
10360	9/4/2019 12:28:34		-122.363	37.7161				1701.68309	RS-700	-1.17570602
10361	9/4/2019 12:28:35		-122.363	37.7161				1880.38367	RS-700	-0.286648408
10362	9/4/2019 12:28:36		-122.363	37.7161				1933.49632	RS-700	-0.022406368
10363	9/4/2019 12:28:37		-122.363	37.7161				1885.95422	RS-700	-0.258934229
10364	9/4/2019 12:28:38		-122.363	37.7161				1918.29897	RS-700	-0.098015075
10365	9/4/2019 12:28:39		-122.363	37.7161				1825.74142	RS-700	-0.558500398
10366	9/4/2019 12:28:40		-122.363	37.7161				1887.39086	RS-700	-0.251786766
10367	9/4/2019 12:28:41		-122.363	37.7161				1923.87837	RS-700	-0.070256866
10368	9/4/2019 12:28:42		-122.363	37.7161				1902.48771	RS-700	-0.17667806
10369	9/4/2019 12:28:43		-122.363	37.7161				1900.96124	RS-700	-0.184272438

Gamma Scan Survey Results
Survey Unit 5 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
10370	9/4/2019 12:28:44		-122.363	37.7161				1902.86563	RS-700	-0.174797861
10371	9/4/2019 12:28:45		-122.363	37.7161				1925.97361	RS-700	-0.059832786
10372	9/4/2019 12:28:46		-122.363	37.7161				1924.59651	RS-700	-0.06668403
10373	9/4/2019 12:28:47		-122.363	37.7161				1998.51209	RS-700	0.301055174
10374	9/4/2019 12:28:48		-122.363	37.7161				1944.5962	RS-700	0.032816915
10375	9/4/2019 12:28:49		-122.363	37.7161				1947.88645	RS-700	0.049186318
10376	9/4/2019 12:28:50		-122.363	37.7161				1960.69042	RS-700	0.112887662
10377	9/4/2019 12:28:51		-122.363	37.7161				1965.20639	RS-700	0.135355174
10378	9/4/2019 12:28:52		-122.363	37.7161				1976.70391	RS-700	0.192556766
10379	9/4/2019 12:28:53		-122.363	37.7161				1921.0694	RS-700	-0.084231841
10380	9/4/2019 12:28:54		-122.363	37.7161				1976.00183	RS-700	0.189063831
10381	9/4/2019 12:28:55		-122.363	37.7161				1897.14917	RS-700	-0.20323796
10382	9/4/2019 12:28:56		-122.363	37.7161				1846.84194	RS-700	-0.453522687
10383	9/4/2019 12:28:57		-122.363	37.7161				1912.4909	RS-700	-0.126910945
10384	9/4/2019 12:28:58		-122.363	37.7161				1952.5016	RS-700	0.072147264
10385	9/4/2019 12:28:59		-122.363	37.7161				1888.57642	RS-700	-0.245888458
10386	9/4/2019 12:29:00		-122.363	37.7161				2040.03021	RS-700	0.507612985
10387	9/4/2019 12:29:01		-122.363	37.7161				1926.58923	RS-700	-0.05677
10388	9/4/2019 12:29:02		-122.363	37.7161				1983.70238	RS-700	0.227375025
10389	9/4/2019 12:29:03		-122.363	37.7162				1947.36639	RS-700	0.046598955
10390	9/4/2019 12:29:04		-122.363	37.7162				2120.9743	RS-700	0.9103199
10391	9/4/2019 12:29:05		-122.363	37.7162				2083.16965	RS-700	0.722237065
10392	9/4/2019 12:29:06		-122.363	37.7162				2018.42697	RS-700	0.400134179
10393	9/4/2019 12:29:07		-122.363	37.7162				2061.93906	RS-700	0.616612239
10394	9/4/2019 12:29:08		-122.363	37.7162				2008.30947	RS-700	0.349798358
10395	9/4/2019 12:29:09		-122.363	37.7162				1944.71051	RS-700	0.033385622
10396	9/4/2019 12:29:10		-122.363	37.7162				1874.47847	RS-700	-0.316027512
10397	9/4/2019 12:29:11		-122.363	37.7162				1896.48861	RS-700	-0.206524328
10398	9/4/2019 12:29:12		-122.363	37.7162				1908.39343	RS-700	-0.147296368
10399	9/4/2019 12:29:13		-122.363	37.7162				1945.27934	RS-700	0.036215622
10400	9/4/2019 12:29:14		-122.363	37.7162				2042.14324	RS-700	0.518125572
10401	9/4/2019 12:29:15		-122.363	37.7162				1890.85652	RS-700	-0.234544677
10402	9/4/2019 12:29:16		-122.363	37.7162				1987.81059	RS-700	0.247813881
10403	9/4/2019 12:29:17		-122.363	37.7162				2044.93164	RS-700	0.531998209
10404	9/4/2019 12:29:18		-122.363	37.7162				2034.61517	RS-700	0.480672488
10405	9/4/2019 12:29:19		-122.363	37.7162				2031.62132	RS-700	0.465777711
10406	9/4/2019 12:29:20		-122.363	37.7162				2055.25813	RS-700	0.583373781
10407	9/4/2019 12:29:21		-122.363	37.7162				2036.31746	RS-700	0.489141592
10408	9/4/2019 12:29:22		-122.363	37.7162				2124.85346	RS-700	0.929619204
10409	9/4/2019 12:29:23		-122.363	37.7162				2112.17689	RS-700	0.866551692
10410	9/4/2019 12:29:24		-122.363	37.7162				2056.94044	RS-700	0.591743483
10411	9/4/2019 12:29:25		-122.363	37.7162				1991.82654	RS-700	0.267793731
10412	9/4/2019 12:29:26		-122.363	37.7162				1956.99048	RS-700	0.09448
10413	9/4/2019 12:29:27		-122.363	37.7162				1940.49587	RS-700	0.012417264
10414	9/4/2019 12:29:28		-122.363	37.7162				1945.49739	RS-700	0.037300448
10415	9/4/2019 12:29:29		-122.363	37.7162				1984.90672	RS-700	0.233366766
10416	9/4/2019 12:29:30		-122.363	37.7162				1963.27642	RS-700	0.125753333
10417	9/4/2019 12:29:31		-122.363	37.7162				2032.9249	RS-700	0.472263184
10418	9/4/2019 12:29:32		-122.363	37.7163				2045.73305	RS-700	0.535985323
10419	9/4/2019 12:29:33		-122.363	37.7163				2163.76689	RS-700	1.123218358
10420	9/4/2019 12:29:34		-122.363	37.7163				2079.632	RS-700	0.704636816
10421	9/4/2019 12:29:35		-122.363	37.7163				2175.63798	RS-700	1.182278507
10422	9/4/2019 12:29:36		-122.363	37.7163				2228.0216	RS-700	1.442893532
10423	9/4/2019 12:29:37		-122.363	37.7163				2107.43536	RS-700	0.84296199
10424	9/4/2019 12:29:38		-122.363	37.7163				2200.66516	RS-700	1.306791841
10425	9/4/2019 12:29:39		-122.363	37.7163				2203.86808	RS-700	1.322726766
10426	9/4/2019 12:29:40		-122.363	37.7163				2134.77618	RS-700	0.97898597
10427	9/4/2019 12:29:41		-122.363	37.7163				2134.076	RS-700	0.975502488
10428	9/4/2019 12:29:42		-122.363	37.7163				2203.53385	RS-700	1.32106393
10429	9/4/2019 12:29:43		-122.363	37.7163				2240.67806	RS-700	1.505860995
10430	9/4/2019 12:29:44		-122.363	37.7163				2254.36638	RS-700	1.57396209

Gamma Scan Survey Results
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SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
10431	9/4/2019 12:29:45		-122.363	37.7163				2270.84859	RS-700	1.655963134
10432	9/4/2019 12:29:46		-122.363	37.7163				2253.03238	RS-700	1.567325274
10433	9/4/2019 12:29:47		-122.363	37.7163				2238.45719	RS-700	1.494811891
10434	9/4/2019 12:29:48		-122.363	37.7163				2282.267	RS-700	1.712771144
10435	9/4/2019 12:29:49		-122.363	37.7163				2240.02511	RS-700	1.502612488
10436	9/4/2019 12:29:50		-122.363	37.7163				2225.56828	RS-700	1.43068796
10437	9/4/2019 12:29:51		-122.363	37.7163				2292.93603	RS-700	1.765850896
10438	9/4/2019 12:29:52		-122.363	37.7163				2291.96691	RS-700	1.761029403
10439	9/4/2019 12:29:53		-122.363	37.7163				2217.01587	RS-700	1.388138657
10440	9/4/2019 12:29:54		-122.363	37.7163				2263.68266	RS-700	1.620311741
10441	9/4/2019 12:29:55		-122.363	37.7163				2220.24289	RS-700	1.404193483
10442	9/4/2019 12:29:56		-122.363	37.7163				2242.82355	RS-700	1.516535075
10443	9/4/2019 12:29:57		-122.363	37.7163				2241.70036	RS-700	1.510947065
10444	9/4/2019 12:29:58		-122.363	37.7163				2295.0799	RS-700	1.776516915
10445	9/4/2019 12:29:59		-122.363	37.7163				2261.58398	RS-700	1.609870547
10446	9/4/2019 12:30:00		-122.363	37.7163				2238.67596	RS-700	1.495900299
10447	9/4/2019 12:30:01		-122.363	37.7163				2188.55247	RS-700	1.246529701
10448	9/4/2019 12:30:02		-122.363	37.7163				2154.87918	RS-700	1.079000896
10449	9/4/2019 12:30:03		-122.363	37.7163				2294.7197	RS-700	1.774724876
10450	9/4/2019 12:30:04		-122.363	37.7163				2327.48766	RS-700	1.937749552
10451	9/4/2019 12:30:05		-122.363	37.7163				2199.02369	RS-700	1.298625323
10452	9/4/2019 12:30:06		-122.363	37.7163				2278.46794	RS-700	1.693870348
10453	9/4/2019 12:30:07		-122.363	37.7163				2345.09455	RS-700	2.02534602
10454	9/4/2019 12:30:08		-122.363	37.7163				2195.78236	RS-700	1.282499303
10455	9/4/2019 12:30:09		-122.363	37.7163				2226.02096	RS-700	1.4329401
10456	9/4/2019 12:30:10		-122.363	37.7163				2233.69272	RS-700	1.47110806
10457	9/4/2019 12:30:11		-122.363	37.7163				2135.06304	RS-700	0.980413134
10458	9/4/2019 12:30:12		-122.363	37.7163				2110.54082	RS-700	0.85841204
10459	9/4/2019 12:30:13		-122.363	37.7163				2056.42666	RS-700	0.589187363
10460	9/4/2019 12:30:14		-122.363	37.7163				2051.42349	RS-700	0.56429597
10461	9/4/2019 12:30:15		-122.363	37.7163				2108.85554	RS-700	0.850027562
10462	9/4/2019 12:30:16		-122.363	37.7163				2081.53465	RS-700	0.714102736
10463	9/4/2019 12:30:17		-122.363	37.7163				2032.12698	RS-700	0.468293433
10464	9/4/2019 12:30:18		-122.363	37.7163				2025.30516	RS-700	0.43435403
10465	9/4/2019 12:30:19		-122.363	37.7163				1979.71633	RS-700	0.20754393
10466	9/4/2019 12:30:20		-122.363	37.7163				1985.00347	RS-700	0.233848109
10467	9/4/2019 12:30:21		-122.363	37.7163				2018.02098	RS-700	0.398114328
10468	9/4/2019 12:30:22		-122.363	37.7163				2007.61651	RS-700	0.346350796
10469	9/4/2019 12:30:23		-122.363	37.7163				1947.08763	RS-700	0.04521209
10470	9/4/2019 12:30:24		-122.364	37.7163				2068.32334	RS-700	0.648374826
10471	9/4/2019 12:30:25		-122.364	37.7163				1956.38284	RS-700	0.091456915
10472	9/4/2019 12:30:26		-122.364	37.7163				1952.31026	RS-700	0.071195323
10473	9/4/2019 12:30:27		-122.364	37.7163				1906.77372	RS-700	-0.155354627
10474	9/4/2019 12:30:28		-122.364	37.7163				2005.71869	RS-700	0.336908905
10475	9/4/2019 12:30:29		-122.364	37.7163				2044.3242	RS-700	0.528976119
10476	9/4/2019 12:30:30		-122.364	37.7163				2035.318	RS-700	0.484169154
10477	9/4/2019 12:30:31		-122.364	37.7163				1929.78938	RS-700	-0.040848856
10478	9/4/2019 12:30:32		-122.364	37.7164				1975.90971	RS-700	0.188605522
10479	9/4/2019 12:30:33		-122.364	37.7164				1950.49922	RS-700	0.062185174
10480	9/4/2019 12:30:34		-122.364	37.7164				1957.51173	RS-700	0.097073284
10481	9/4/2019 12:30:35		-122.364	37.7164				2019.72882	RS-700	0.406611045
10482	9/4/2019 12:30:36		-122.364	37.7164				1965.69998	RS-700	0.137810846
10483	9/4/2019 12:30:37		-122.364	37.7164				2023.52035	RS-700	0.425474378
10484	9/4/2019 12:30:38		-122.364	37.7164				1999.50972	RS-700	0.306018507
10485	9/4/2019 12:30:39		-122.364	37.7164				2031.14172	RS-700	0.463391642
10486	9/4/2019 12:30:40		-122.364	37.7164				2000.80146	RS-700	0.312445075
10487	9/4/2019 12:30:41		-122.364	37.7164				2041.92927	RS-700	0.517061045
10488	9/4/2019 12:30:42		-122.364	37.7164				1964.89759	RS-700	0.133818856
10489	9/4/2019 12:30:43		-122.364	37.7164				1905.39189	RS-700	-0.162229403
10490	9/4/2019 12:30:44		-122.364	37.7164				1927.87864	RS-700	-0.050355025
10491	9/4/2019 12:30:45		-122.364	37.7164				1836.47072	RS-700	-0.505120796

Gamma Scan Survey Results
Survey Unit 5 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
10492	9/4/2019 12:30:46		-122.364	37.7164				1899.95883	RS-700	-0.189259552
10493	9/4/2019 12:30:47		-122.364	37.7164				1868.66715	RS-700	-0.344939552
10494	9/4/2019 12:30:48		-122.364	37.7164				1892.6735	RS-700	-0.225504975
10495	9/4/2019 12:30:49		-122.364	37.7164				1881.57854	RS-700	-0.280703781
10496	9/4/2019 12:30:50		-122.364	37.7164				1951.88934	RS-700	0.069101194
10497	9/4/2019 12:30:51		-122.364	37.7164				1932.6924	RS-700	-0.02640597
10498	9/4/2019 12:30:52		-122.364	37.7164				2024.62839	RS-700	0.430987015
10499	9/4/2019 12:30:53		-122.364	37.7164				2054.43855	RS-700	0.579296269
10500	9/4/2019 12:30:54		-122.364	37.7164				2014.83689	RS-700	0.382273085
10501	9/4/2019 12:30:55		-122.364	37.7164				2040.20889	RS-700	0.50850194
10502	9/4/2019 12:30:56		-122.364	37.7164				2112.0699	RS-700	0.866019403
10503	9/4/2019 12:30:57		-122.364	37.7164				2053.83848	RS-700	0.576310846
10504	9/4/2019 12:30:58		-122.364	37.7164				2019.12377	RS-700	0.403600846
10505	9/4/2019 12:30:59		-122.364	37.7165				1976.50258	RS-700	0.191555124
10506	9/4/2019 12:31:00		-122.364	37.7165				2081.26208	RS-700	0.712746667
10507	9/4/2019 12:31:01		-122.364	37.7165				2059.52931	RS-700	0.604623433
10508	9/4/2019 12:31:02		-122.364	37.7165				2004.01175	RS-700	0.328416667
10509	9/4/2019 12:31:03		-122.364	37.7165				2096.53364	RS-700	0.788724577
10510	9/4/2019 12:31:04		-122.364	37.7165				2126.86417	RS-700	0.939622736
10511	9/4/2019 12:31:05		-122.364	37.7165				2150.08882	RS-700	1.055168259
10512	9/4/2019 12:31:06		-122.364	37.7165				2152.44	RS-700	1.066865672
10513	9/4/2019 12:31:07		-122.364	37.7165				2024.72303	RS-700	0.431457861
10514	9/4/2019 12:31:08		-122.364	37.7165				2027.71805	RS-700	0.446358458
10515	9/4/2019 12:31:09		-122.364	37.7165				2097.16516	RS-700	0.791866468
10516	9/4/2019 12:31:10		-122.364	37.7165				2052.32272	RS-700	0.568769751
10517	9/4/2019 12:31:11		-122.364	37.7165				2101.28853	RS-700	0.812380746
10518	9/4/2019 12:31:12		-122.364	37.7165				2075.8432	RS-700	0.685787065
10519	9/4/2019 12:31:13		-122.364	37.7165				2101.16553	RS-700	0.811768806
10520	9/4/2019 12:31:14		-122.364	37.7165				2151.87462	RS-700	1.064052836
10521	9/4/2019 12:31:15		-122.364	37.7165				2139.86984	RS-700	1.004327562
10522	9/4/2019 12:31:16		-122.364	37.7165				2129.96787	RS-700	0.95506403
10523	9/4/2019 12:31:17		-122.364	37.7165				2145.08646	RS-700	1.030280896
10524	9/4/2019 12:31:18		-122.364	37.7165				2084.53378	RS-700	0.729023781
10525	9/4/2019 12:31:19		-122.364	37.7165				2007.91508	RS-700	0.347836219
10526	9/4/2019 12:31:20		-122.364	37.7165				2025.61309	RS-700	0.43588602
10527	9/4/2019 12:31:21		-122.364	37.7165				2040.49835	RS-700	0.50994204
10528	9/4/2019 12:31:22		-122.364	37.7165				2013.92408	RS-700	0.377731741
10529	9/4/2019 12:31:23		-122.364	37.7165				2156.44725	RS-700	1.086802239
10530	9/4/2019 12:31:24		-122.364	37.7165				2032.82628	RS-700	0.471772537
10531	9/4/2019 12:31:25		-122.364	37.7165				2085.8515	RS-700	0.735579602
10532	9/4/2019 12:31:26		-122.364	37.7165				2079.63754	RS-700	0.704664378
10533	9/4/2019 12:31:27		-122.364	37.7165				2181.00449	RS-700	1.208977562
10534	9/4/2019 12:31:28		-122.364	37.7165				2152.87928	RS-700	1.069051144
10535	9/4/2019 12:31:29		-122.364	37.7165				2041.73259	RS-700	0.516082537
10536	9/4/2019 12:31:30		-122.364	37.7165				2102.95602	RS-700	0.820676716
10537	9/4/2019 12:31:31		-122.364	37.7165				2185.54916	RS-700	1.231587861
10538	9/4/2019 12:31:32		-122.364	37.7165				2134.29644	RS-700	0.976599204
10539	9/4/2019 12:31:33		-122.364	37.7165				2183.66606	RS-700	1.222219204
10540	9/4/2019 12:31:34		-122.364	37.7165				2166.66697	RS-700	1.137646617
10541	9/4/2019 12:31:35		-122.364	37.7166				2139.97996	RS-700	1.004875423
10542	9/4/2019 12:31:36		-122.364	37.7166				2125.97518	RS-700	0.9351999
10543	9/4/2019 12:31:37		-122.364	37.7166				2077.33247	RS-700	0.693196368
10544	9/4/2019 12:31:38		-122.364	37.7166				2242.36112	RS-700	1.514234428
10545	9/4/2019 12:31:39		-122.364	37.7166				2214.22969	RS-700	1.374277065
10546	9/4/2019 12:31:40		-122.364	37.7166				2283.9215	RS-700	1.721002488
10547	9/4/2019 12:31:41		-122.364	37.7166				2255.70678	RS-700	1.580630746
10548	9/4/2019 12:31:42		-122.364	37.7166				2157.98345	RS-700	1.094445025
10549	9/4/2019 12:31:43		-122.364	37.7166				2198.00065	RS-700	1.293535572
10550	9/4/2019 12:31:44		-122.364	37.7166				2170.67236	RS-700	1.15757393
10551	9/4/2019 12:31:45		-122.364	37.7166				2198.22694	RS-700	1.294661393
10552	9/4/2019 12:31:46		-122.364	37.7166				2111.07638	RS-700	0.861076517

Gamma Scan Survey Results
Survey Unit 5 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
10553	9/4/2019 12:31:47		-122.364	37.7166				2147.75998	RS-700	1.04358199
10554	9/4/2019 12:31:48		-122.364	37.7166				2167.88641	RS-700	1.143713483
10555	9/4/2019 12:31:49		-122.364	37.7166				2181.66817	RS-700	1.212279453
10556	9/4/2019 12:31:50		-122.364	37.7166				2060.31926	RS-700	0.608553532
10557	9/4/2019 12:31:51		-122.364	37.7166				2164.88619	RS-700	1.128787015
10558	9/4/2019 12:31:52		-122.364	37.7166				2164.31212	RS-700	1.125930945
10559	9/4/2019 12:31:53		-122.364	37.7166				2229.48845	RS-700	1.450191294
10560	9/4/2019 12:31:54		-122.364	37.7166				2135.437	RS-700	0.982273632
10561	9/4/2019 12:31:55		-122.364	37.7166				2130.97918	RS-700	0.960095423
10562	9/4/2019 12:31:56		-122.364	37.7166				2182.327	RS-700	1.215557214
10563	9/4/2019 12:31:57		-122.364	37.7166				2248.02787	RS-700	1.542427214
10564	9/4/2019 12:31:58		-122.364	37.7166				2223.91124	RS-700	1.42244398
10565	9/4/2019 12:31:59		-122.364	37.7166				2245.8066	RS-700	1.531376119
10566	9/4/2019 12:32:00		-122.364	37.7166				2225.7933	RS-700	1.431807463
10567	9/4/2019 12:32:01		-122.364	37.7166				2283.69886	RS-700	1.719894826
10568	9/4/2019 12:32:02		-122.364	37.7166				2265.03182	RS-700	1.62702398
10569	9/4/2019 12:32:03		-122.364	37.7166				2197.88682	RS-700	1.292969254
10570	9/4/2019 12:32:04		-122.364	37.7166				2262.81102	RS-700	1.615975224
10571	9/4/2019 12:32:05		-122.364	37.7166				2191.78205	RS-700	1.262597264
10572	9/4/2019 12:32:06		-122.364	37.7166				2192.66193	RS-700	1.266974776
10573	9/4/2019 12:32:07		-122.364	37.7166				2201.45618	RS-700	1.310727264
10574	9/4/2019 12:32:08		-122.364	37.7166				2225.01045	RS-700	1.427912687
10575	9/4/2019 12:32:09		-122.364	37.7166				2278.81206	RS-700	1.695582388
10576	9/4/2019 12:32:10		-122.364	37.7166				2209.55868	RS-700	1.351038209
10577	9/4/2019 12:32:11		-122.364	37.7166				2269.69594	RS-700	1.650228557
10578	9/4/2019 12:32:12		-122.364	37.7166				2172.20528	RS-700	1.165200398
10579	9/4/2019 12:32:13		-122.364	37.7166				2131.76063	RS-700	0.963983234
10580	9/4/2019 12:32:14		-122.364	37.7166				2219.78362	RS-700	1.401908557
10581	9/4/2019 12:32:15		-122.364	37.7166				2165.07063	RS-700	1.129704627
10582	9/4/2019 12:32:16		-122.364	37.7166				2234.13244	RS-700	1.473295721
10583	9/4/2019 12:32:17		-122.364	37.7166				2286.81593	RS-700	1.735402637
10584	9/4/2019 12:32:18		-122.364	37.7166				2165.32723	RS-700	1.130981244
10585	9/4/2019 12:32:19		-122.364	37.7166				2164.77227	RS-700	1.128220249
10586	9/4/2019 12:32:20		-122.364	37.7166				2217.67981	RS-700	1.391441841
10587	9/4/2019 12:32:21		-122.364	37.7166				2284.93367	RS-700	1.726038159
10588	9/4/2019 12:32:22		-122.364	37.7166				2287.69952	RS-700	1.739798607
10589	9/4/2019 12:32:23		-122.364	37.7166				2251.68998	RS-700	1.560646667
10590	9/4/2019 12:32:24		-122.364	37.7166				2166.55649	RS-700	1.137096965
10591	9/4/2019 12:32:25		-122.364	37.7166				2215.34849	RS-700	1.379843234
10592	9/4/2019 12:32:26		-122.364	37.7166				2187.99308	RS-700	1.243746667
10593	9/4/2019 12:32:27		-122.364	37.7166				2233.68242	RS-700	1.471056816
10594	9/4/2019 12:32:28		-122.364	37.7166				2295.28282	RS-700	1.777526468
10595	9/4/2019 12:32:29		-122.364	37.7166				2191.89112	RS-700	1.263139901
10596	9/4/2019 12:32:30		-122.364	37.7166				2186.55351	RS-700	1.236584627
10597	9/4/2019 12:32:31		-122.364	37.7166				2232.23083	RS-700	1.463834975
10598	9/4/2019 12:32:32		-122.364	37.7166				2191.78314	RS-700	1.262602687
10599	9/4/2019 12:32:33		-122.364	37.7166				2175.32253	RS-700	1.180709104
10600	9/4/2019 12:32:34		-122.364	37.7166				2281.26873	RS-700	1.707804627
10601	9/4/2019 12:32:35		-122.364	37.7166				2259.91389	RS-700	1.601561642
10602	9/4/2019 12:32:36		-122.364	37.7166				2151.29009	RS-700	1.061144726
10603	9/4/2019 12:32:37		-122.364	37.7166				2228.03766	RS-700	1.442973433
10604	9/4/2019 12:32:38		-122.364	37.7166				2174.54147	RS-700	1.176823234
10605	9/4/2019 12:32:39		-122.364	37.7166				2153.30045	RS-700	1.071146517
10606	9/4/2019 12:32:40		-122.364	37.7166				2212.78841	RS-700	1.367106517
10607	9/4/2019 12:32:41		-122.364	37.7166				2204.78992	RS-700	1.327313035
10608	9/4/2019 12:32:42		-122.364	37.7166				2128.22178	RS-700	0.946377015
10609	9/4/2019 12:32:43		-122.364	37.7166				2192.45189	RS-700	1.265929801
10610	9/4/2019 12:32:44		-122.364	37.7166				2192.77942	RS-700	1.267559303
10611	9/4/2019 12:32:45		-122.364	37.7166				2231.5613	RS-700	1.46050398
10612	9/4/2019 12:32:46		-122.364	37.7166				2276.14579	RS-700	1.682317363
10613	9/4/2019 12:32:47		-122.364	37.7166				2181.3413	RS-700	1.210653234

Gamma Scan Survey Results
Survey Unit 5 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
10614	9/4/2019 12:32:48		-122.364	37.7166				2254.68696	RS-700	1.575557015
10615	9/4/2019 12:32:49		-122.364	37.7166				2150.19418	RS-700	1.055692438
10616	9/4/2019 12:32:50		-122.364	37.7166				2246.46298	RS-700	1.534641692
10617	9/4/2019 12:32:51		-122.364	37.7166				2166.7693	RS-700	1.138155721
10618	9/4/2019 12:32:52		-122.364	37.7166				2151.98823	RS-700	1.06461806
10619	9/4/2019 12:32:53		-122.364	37.7166				2159.66059	RS-700	1.102789005
10620	9/4/2019 12:32:54		-122.364	37.7166				2208.116	RS-700	1.343860697
10621	9/4/2019 12:32:55		-122.364	37.7166				2235.02425	RS-700	1.477732587
10622	9/4/2019 12:32:56		-122.364	37.7166				2228.79283	RS-700	1.446730498
10623	9/4/2019 12:32:57		-122.364	37.7166				2265.26107	RS-700	1.628164527
10624	9/4/2019 12:32:58		-122.364	37.7166				2226.79726	RS-700	1.436802289
10625	9/4/2019 12:32:59		-122.364	37.7166				2236.02106	RS-700	1.482691841
10626	9/4/2019 12:33:00		-122.364	37.7166				2222.35203	RS-700	1.414686716
10627	9/4/2019 12:33:01		-122.364	37.7166				2221.89987	RS-700	1.412437164
10628	9/4/2019 12:33:02		-122.364	37.7166				2243.5917	RS-700	1.520356716
10629	9/4/2019 12:33:03		-122.364	37.7166				2306.91724	RS-700	1.835409154
10630	9/4/2019 12:33:04		-122.364	37.7166				2185.21718	RS-700	1.229936219
10631	9/4/2019 12:33:05		-122.364	37.7166				2207.45988	RS-700	1.340596418
10632	9/4/2019 12:33:06		-122.364	37.7166				2269.37867	RS-700	1.6486501
10633	9/4/2019 12:33:07		-122.364	37.7166				2203.43667	RS-700	1.320580448
10634	9/4/2019 12:33:08		-122.364	37.7166				2251.14528	RS-700	1.557936716
10635	9/4/2019 12:33:09		-122.364	37.7166				2273.38703	RS-700	1.668592189
10636	9/4/2019 12:33:10		-122.364	37.7166				2163.76907	RS-700	1.123229204
10637	9/4/2019 12:33:11		-122.364	37.7166				2252.92253	RS-700	1.566778756
10638	9/4/2019 12:33:12		-122.364	37.7166				2147.75617	RS-700	1.043563035
10639	9/4/2019 12:33:13		-122.364	37.7166				2305.17582	RS-700	1.826745373
10640	9/4/2019 12:33:14		-122.364	37.7166				2270.57801	RS-700	1.654616965
10641	9/4/2019 12:33:15		-122.364	37.7166				2205.44404	RS-700	1.330567363
10642	9/4/2019 12:33:16		-122.364	37.7166				2232.3552	RS-700	1.464453731
10643	9/4/2019 12:33:17		-122.364	37.7166				2191.11956	RS-700	1.259301294
10644	9/4/2019 12:33:18		-122.364	37.7166				2306.82941	RS-700	1.834972189
10645	9/4/2019 12:33:19		-122.364	37.7166				2227.68988	RS-700	1.441243184
10646	9/4/2019 12:33:20		-122.364	37.7166				2224.46686	RS-700	1.425208259
10647	9/4/2019 12:33:21		-122.364	37.7166				2184.33979	RS-700	1.225571095
10648	9/4/2019 12:33:22		-122.364	37.7166				2267.92921	RS-700	1.641438856
10649	9/4/2019 12:33:23		-122.364	37.7166				2218.90176	RS-700	1.397521194
10650	9/4/2019 12:33:24		-122.364	37.7166				2269.03604	RS-700	1.646945473
10651	9/4/2019 12:33:25		-122.364	37.7166				2273.03704	RS-700	1.666850945
10652	9/4/2019 12:33:26		-122.364	37.7166				2247.25152	RS-700	1.538564776
10653	9/4/2019 12:33:27		-122.364	37.7166				2231.79551	RS-700	1.461669204
10654	9/4/2019 12:33:28		-122.364	37.7166				2230.12841	RS-700	1.453375174
10655	9/4/2019 12:33:29		-122.364	37.7166				2177.63667	RS-700	1.192222239
10656	9/4/2019 12:33:30		-122.364	37.7166				2231.01786	RS-700	1.457800299
10657	9/4/2019 12:33:31		-122.364	37.7166				2238.91313	RS-700	1.497080249
10658	9/4/2019 12:33:32		-122.364	37.7166				2208.68175	RS-700	1.346675373
10659	9/4/2019 12:33:33		-122.364	37.7166				2317.28903	RS-700	1.8870101
10660	9/4/2019 12:33:34		-122.364	37.7166				2168.77778	RS-700	1.148148159
10661	9/4/2019 12:33:35		-122.364	37.7166				2246.14283	RS-700	1.533048905
10662	9/4/2019 12:33:36		-122.364	37.7166				2204.56175	RS-700	1.326177861
10663	9/4/2019 12:33:37		-122.364	37.7166				2199.45602	RS-700	1.300776219
10664	9/4/2019 12:33:38		-122.364	37.7166				2273.1469	RS-700	1.667397512
10665	9/4/2019 12:33:39		-122.364	37.7166				2272.03714	RS-700	1.661876318
10666	9/4/2019 12:33:40		-122.364	37.7166				2209.21976	RS-700	1.34935204
10667	9/4/2019 12:33:41		-122.364	37.7166				2307.93679	RS-700	1.840481542
10668	9/4/2019 12:33:42		-122.364	37.7166				2298.1612	RS-700	1.791846766
10669	9/4/2019 12:33:43		-122.364	37.7166				2261.91963	RS-700	1.611540448
10670	9/4/2019 12:33:44		-122.364	37.7166				2174.99482	RS-700	1.179078706
10671	9/4/2019 12:33:45		-122.364	37.7166				2255.14216	RS-700	1.577821692
10672	9/4/2019 12:33:46		-122.364	37.7166				2283.92358	RS-700	1.721012836
10673	9/4/2019 12:33:47		-122.364	37.7166				2227.45734	RS-700	1.440086269
10674	9/4/2019 12:33:48		-122.364	37.7166				2157.55467	RS-700	1.092311791

Gamma Scan Survey Results
Survey Unit 5 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
10675	9/4/2019 12:33:49		-122.364	37.7166				2298.81524	RS-700	1.795100697
10676	9/4/2019 12:33:50		-122.364	37.7166				2277.81283	RS-700	1.690611095
10677	9/4/2019 12:33:51		-122.364	37.7166				2281.92213	RS-700	1.711055373
10678	9/4/2019 12:33:52		-122.364	37.7166				2211.66381	RS-700	1.361511493
10679	9/4/2019 12:33:53		-122.364	37.7166				2262.14545	RS-700	1.61266393
10680	9/4/2019 12:33:54		-122.364	37.7166				2313.05274	RS-700	1.86593403
10681	9/4/2019 12:33:55		-122.364	37.7166				2202.8906	RS-700	1.317863682
10682	9/4/2019 12:33:56		-122.364	37.7166				2194.89037	RS-700	1.278061542
10683	9/4/2019 12:33:57		-122.364	37.7166				2233.01791	RS-700	1.467750796
10684	9/4/2019 12:33:58		-122.364	37.7166				2261.79308	RS-700	1.610910846
10685	9/4/2019 12:33:59		-122.364	37.7166				2223.45163	RS-700	1.420157363
10686	9/4/2019 12:34:00		-122.364	37.7166				2203.90943	RS-700	1.322932488
10687	9/4/2019 12:34:01		-122.364	37.7166				2215.12161	RS-700	1.378714478
10688	9/4/2019 12:34:02		-122.364	37.7166				2258.57985	RS-700	1.594924627
10689	9/4/2019 12:34:03		-122.364	37.7166				2297.16311	RS-700	1.786881144
10690	9/4/2019 12:34:04		-122.364	37.7166				2160.77398	RS-700	1.108328259
10691	9/4/2019 12:34:05		-122.364	37.7166				2259.92252	RS-700	1.601604577
10692	9/4/2019 12:34:06		-122.364	37.7166				2254.04323	RS-700	1.572354378
10693	9/4/2019 12:34:07		-122.364	37.7166				2258.13749	RS-700	1.592723831
10694	9/4/2019 12:34:08		-122.364	37.7166				2162.08989	RS-700	1.114875075
10695	9/4/2019 12:34:09		-122.364	37.7166				2207.67295	RS-700	1.341656468
10696	9/4/2019 12:34:10		-122.364	37.7166				2244.79801	RS-700	1.526358259
10697	9/4/2019 12:34:11		-122.364	37.7166				2087.05679	RS-700	0.74157607
10698	9/4/2019 12:34:12		-122.364	37.7166				2231.46874	RS-700	1.460043483
10699	9/4/2019 12:34:13		-122.364	37.7166				2219.00901	RS-700	1.398054776
10700	9/4/2019 12:34:14		-122.364	37.7166				2248.69272	RS-700	1.545734925
10701	9/4/2019 12:34:15		-122.364	37.7166				2117.17584	RS-700	0.89142209
10702	9/4/2019 12:34:16		-122.364	37.7166				2240.23586	RS-700	1.503660995
10703	9/4/2019 12:34:17		-122.364	37.7166				2148.09006	RS-700	1.045224179
10704	9/4/2019 12:34:18		-122.364	37.7166				2277.94104	RS-700	1.691248955
10705	9/4/2019 12:34:19		-122.364	37.7166				2227.78629	RS-700	1.441722836
10706	9/4/2019 12:34:20		-122.364	37.7166				2199.11404	RS-700	1.299074826
10707	9/4/2019 12:34:21		-122.364	37.7166				2295.28401	RS-700	1.777532388
10708	9/4/2019 12:34:22		-122.364	37.7166				2209.09972	RS-700	1.348754826
10709	9/4/2019 12:34:23		-122.364	37.7166				2102.74986	RS-700	0.819651045
10710	9/4/2019 12:34:24		-122.364	37.7166				2232.68225	RS-700	1.466080846
10711	9/4/2019 12:34:25		-122.364	37.7166				2230.93176	RS-700	1.45737194
10712	9/4/2019 12:34:26		-122.364	37.7166				2196.67528	RS-700	1.286941692
10713	9/4/2019 12:34:27		-122.364	37.7166				2152.40449	RS-700	1.066689005
10714	9/4/2019 12:34:28		-122.364	37.7166				2197.7873	RS-700	1.292474129
10715	9/4/2019 12:34:29		-122.364	37.7166				2216.23508	RS-700	1.384254129
10716	9/4/2019 12:34:30		-122.364	37.7166				2261.71274	RS-700	1.610511144
10717	9/4/2019 12:34:31		-122.364	37.7166				2268.0323	RS-700	1.641951741
10718	9/4/2019 12:34:32		-122.364	37.7166				2201.57781	RS-700	1.311332388
10719	9/4/2019 12:34:33		-122.364	37.7166				2270.69493	RS-700	1.655198657
10720	9/4/2019 12:34:34		-122.364	37.7166				2275.15217	RS-700	1.67737398
10721	9/4/2019 12:34:35		-122.364	37.7166				2243.03634	RS-700	1.517593731
10722	9/4/2019 12:34:36		-122.364	37.7166				2154.07069	RS-700	1.074978557
10723	9/4/2019 12:34:37		-122.364	37.7166				2248.79581	RS-700	1.546247811
10724	9/4/2019 12:34:38		-122.364	37.7166				2239.57519	RS-700	1.50037408
10725	9/4/2019 12:34:39		-122.364	37.7166				2223.90562	RS-700	1.42241602
10726	9/4/2019 12:34:40		-122.364	37.7166				2201.8868	RS-700	1.312869652
10727	9/4/2019 12:34:41		-122.364	37.7166				2127.19902	RS-700	0.941288657
10728	9/4/2019 12:34:42		-122.364	37.7166				2242.13547	RS-700	1.513111791
10729	9/4/2019 12:34:43		-122.364	37.7166				2235.79624	RS-700	1.481573333
10730	9/4/2019 12:34:44		-122.364	37.7166				2178.88629	RS-700	1.198439254
10731	9/4/2019 12:34:45		-122.364	37.7166				2291.16583	RS-700	1.75704393
10732	9/4/2019 12:34:46		-122.364	37.7166				2239.46097	RS-700	1.499805821
10733	9/4/2019 12:34:47		-122.364	37.7166				2255.79758	RS-700	1.581082488
10734	9/4/2019 12:34:48		-122.364	37.7166				2207.884	RS-700	1.342706468
10735	9/4/2019 12:34:49		-122.364	37.7166				2261.71014	RS-700	1.610498209

Gamma Scan Survey Results
Survey Unit 5 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
10736	9/4/2019 12:34:50		-122.364	37.7166				2266.55074	RS-700	1.634580796
10737	9/4/2019 12:34:51		-122.364	37.7166				2184.00786	RS-700	1.223919701
10738	9/4/2019 12:34:52		-122.364	37.7166				2217.79032	RS-700	1.391991642
10739	9/4/2019 12:34:53		-122.364	37.7166				2222.12749	RS-700	1.413569602
10740	9/4/2019 12:34:54		-122.364	37.7166				2252.14989	RS-700	1.562934776
10741	9/4/2019 12:34:55		-122.364	37.7166				2188.56028	RS-700	1.246568557
10742	9/4/2019 12:34:56		-122.364	37.7166				2129.29424	RS-700	0.951712637
10743	9/4/2019 12:34:57		-122.364	37.7166				2280.70168	RS-700	1.704983483
10744	9/4/2019 12:34:58		-122.364	37.7166				2252.03537	RS-700	1.562365025
10745	9/4/2019 12:34:59		-122.364	37.7166				2226.01528	RS-700	1.432911841
10746	9/4/2019 12:35:00		-122.364	37.7166				2287.38863	RS-700	1.738251891
10747	9/4/2019 12:35:01		-122.364	37.7166				2192.99745	RS-700	1.26864403
10748	9/4/2019 12:35:02		-122.364	37.7166				2247.015	RS-700	1.53738806
10749	9/4/2019 12:35:03		-122.364	37.7166				2209.57164	RS-700	1.351102687
10750	9/4/2019 12:35:04		-122.364	37.7166				2309.16917	RS-700	1.846612786
10751	9/4/2019 12:35:05		-122.364	37.7166				2258.69241	RS-700	1.595484627
10752	9/4/2019 12:35:06		-122.364	37.7166				2226.68253	RS-700	1.436231493
10753	9/4/2019 12:35:07		-122.364	37.7166				2226.14447	RS-700	1.433554577
10754	9/4/2019 12:35:08		-122.364	37.7166				2219.91427	RS-700	1.402558557
10755	9/4/2019 12:35:09		-122.364	37.7166				2297.92415	RS-700	1.790667413
10756	9/4/2019 12:35:10		-122.364	37.7166				2213.68088	RS-700	1.371546667
10757	9/4/2019 12:35:11		-122.364	37.7166				2311.16497	RS-700	1.856542139
10758	9/4/2019 12:35:12		-122.364	37.7166				2324.41233	RS-700	1.922449403
10759	9/4/2019 12:35:13		-122.364	37.7166				2267.81026	RS-700	1.640847065
10760	9/4/2019 12:35:14		-122.364	37.7166				2268.2729	RS-700	1.643148756
10761	9/4/2019 12:35:15		-122.364	37.7166				2244.68802	RS-700	1.525811045
10762	9/4/2019 12:35:16		-122.364	37.7166				2274.69864	RS-700	1.675117612
10763	9/4/2019 12:35:17		-122.364	37.7166				2279.80687	RS-700	1.700531692
10764	9/4/2019 12:35:18		-122.364	37.7166				2272.92823	RS-700	1.666309602
10765	9/4/2019 12:35:19		-122.364	37.7166				2219.13359	RS-700	1.398674577
10766	9/4/2019 12:35:20		-122.364	37.7166				2294.92924	RS-700	1.775767363
10767	9/4/2019 12:35:21		-122.364	37.7166				2324.10491	RS-700	1.92091995
10768	9/4/2019 12:35:22		-122.364	37.7166				2288.69995	RS-700	1.744775871
10769	9/4/2019 12:35:23		-122.364	37.7166				2320.0493	RS-700	1.900742786
10770	9/4/2019 12:35:24		-122.364	37.7166				2202.68309	RS-700	1.316831294
10771	9/4/2019 12:35:25		-122.364	37.7166				2182.54003	RS-700	1.216617065
10772	9/4/2019 12:35:26		-122.364	37.7166				2236.66737	RS-700	1.485907313
10773	9/4/2019 12:35:27		-122.364	37.7166				2216.68014	RS-700	1.386468358
10774	9/4/2019 12:35:28		-122.364	37.7166				2226.45334	RS-700	1.435091244
10775	9/4/2019 12:35:29		-122.364	37.7166				2317.17151	RS-700	1.886425423
10776	9/4/2019 12:35:30		-122.364	37.7166				2094.05539	RS-700	0.776394975
10777	9/4/2019 12:35:31		-122.364	37.7166				2216.90194	RS-700	1.387571841
10778	9/4/2019 12:35:32		-122.364	37.7166				2287.70095	RS-700	1.739805721
10779	9/4/2019 12:35:33		-122.364	37.7166				2226.55812	RS-700	1.435612537
10780	9/4/2019 12:35:34		-122.364	37.7166				2184.88176	RS-700	1.228267463
10781	9/4/2019 12:35:35		-122.364	37.7166				2244.80268	RS-700	1.526381493
10782	9/4/2019 12:35:36		-122.364	37.7166				2277.60477	RS-700	1.68957597
10783	9/4/2019 12:35:37		-122.364	37.7166				2230.02662	RS-700	1.452868756
10784	9/4/2019 12:35:38		-122.364	37.7166				2183.00483	RS-700	1.218929502
10785	9/4/2019 12:35:39		-122.364	37.7166				2235.13187	RS-700	1.47826801
10786	9/4/2019 12:35:40		-122.364	37.7166				2228.45288	RS-700	1.445039204
10787	9/4/2019 12:35:41		-122.364	37.7166				2200.66962	RS-700	1.30681403
10788	9/4/2019 12:35:42		-122.364	37.7166				2205.11895	RS-700	1.32895
10789	9/4/2019 12:35:43		-122.364	37.7166				2188.89301	RS-700	1.24822393
10790	9/4/2019 12:35:44		-122.364	37.7166				2203.33629	RS-700	1.320081045
10791	9/4/2019 12:35:45		-122.364	37.7166				2196.67578	RS-700	1.286944179
10792	9/4/2019 12:35:46		-122.364	37.7166				2257.824	RS-700	1.591164179
10793	9/4/2019 12:35:47		-122.364	37.7166				2212.45438	RS-700	1.365444677
10794	9/4/2019 12:35:48		-122.364	37.7166				2189.8946	RS-700	1.253206965
10795	9/4/2019 12:35:49		-122.364	37.7166				2208.45461	RS-700	1.345545323
10796	9/4/2019 12:35:50		-122.364	37.7166				2140.75444	RS-700	1.008728557

Gamma Scan Survey Results
Survey Unit 5 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
10797	9/4/2019 12:35:51		-122.364	37.7166				2224.90722	RS-700	1.427399104
10798	9/4/2019 12:35:52		-122.364	37.7166				2254.02935	RS-700	1.572285323
10799	9/4/2019 12:35:53		-122.364	37.7166				2235.79633	RS-700	1.481573781
10800	9/4/2019 12:35:54		-122.364	37.7166				2249.58054	RS-700	1.55015194
10801	9/4/2019 12:35:55		-122.364	37.7166				2230.90625	RS-700	1.457245025
10802	9/4/2019 12:35:56		-122.364	37.7166				2215.57012	RS-700	1.380945871
10803	9/4/2019 12:35:57		-122.364	37.7166				2137.28424	RS-700	0.991463881
10804	9/4/2019 12:35:58		-122.364	37.7166				2166.01123	RS-700	1.134384229
10805	9/4/2019 12:35:59		-122.364	37.7166				2268.93233	RS-700	1.646429502
10806	9/4/2019 12:36:00		-122.364	37.7166				2248.13786	RS-700	1.542974428
10807	9/4/2019 12:36:01		-122.364	37.7166				2201.88475	RS-700	1.312859453
10808	9/4/2019 12:36:02		-122.364	37.7166				2195.78133	RS-700	1.282494179
10809	9/4/2019 12:36:03		-122.364	37.7166				2285.2722	RS-700	1.727722388
10810	9/4/2019 12:36:04		-122.364	37.7166				2273.58455	RS-700	1.669574876
10811	9/4/2019 12:36:05		-122.364	37.7166				2289.93453	RS-700	1.75091806
10812	9/4/2019 12:36:06		-122.364	37.7166				2152.98196	RS-700	1.06956199
10813	9/4/2019 12:36:07		-122.364	37.7166				2197.22671	RS-700	1.289685124
10814	9/4/2019 12:36:08		-122.364	37.7166				2189.55679	RS-700	1.251526318
10815	9/4/2019 12:36:09		-122.364	37.7166				2170.88885	RS-700	1.158650995
10816	9/4/2019 12:36:10		-122.364	37.7166				2136.65079	RS-700	0.988312388
10817	9/4/2019 12:36:11		-122.364	37.7166				2157.76912	RS-700	1.093378706
10818	9/4/2019 12:36:12		-122.364	37.7166				2173.99044	RS-700	1.174081791
10819	9/4/2019 12:36:13		-122.364	37.7166				2086.94919	RS-700	0.741040746
10820	9/4/2019 12:36:14		-122.364	37.7166				2123.5487	RS-700	0.923127861
10821	9/4/2019 12:36:15		-122.364	37.7166				2168.66992	RS-700	1.147611542
10822	9/4/2019 12:36:16		-122.364	37.7165				2096.74784	RS-700	0.789790249
10823	9/4/2019 12:36:17		-122.364	37.7165				2098.53905	RS-700	0.798701741
10824	9/4/2019 12:36:18		-122.364	37.7165				2150.10461	RS-700	1.055246816
10825	9/4/2019 12:36:19		-122.364	37.7165				2139.66373	RS-700	1.003302139
10826	9/4/2019 12:36:20		-122.364	37.7165				2019.31223	RS-700	0.404538458
10827	9/4/2019 12:36:21		-122.364	37.7165				2147.65802	RS-700	1.043074726
10828	9/4/2019 12:36:22		-122.364	37.7165				2157.98456	RS-700	1.094450547
10829	9/4/2019 12:36:23		-122.364	37.7165				2158.76859	RS-700	1.098351194
10830	9/4/2019 12:36:24		-122.364	37.7165				2052.61604	RS-700	0.570229055
10831	9/4/2019 12:36:25		-122.364	37.7165				2035.51492	RS-700	0.485148856
10832	9/4/2019 12:36:26		-122.364	37.7165				2140.75686	RS-700	1.008740597
10833	9/4/2019 12:36:27		-122.364	37.7165				2220.45048	RS-700	1.405226269
10834	9/4/2019 12:36:28		-122.364	37.7165				2158.55258	RS-700	1.097276517
10835	9/4/2019 12:36:29		-122.364	37.7165				2122.42911	RS-700	0.917557761
10836	9/4/2019 12:36:30		-122.364	37.7165				2141.65765	RS-700	1.013222139
10837	9/4/2019 12:36:31		-122.364	37.7165				2186.215	RS-700	1.234900498
10838	9/4/2019 12:36:32		-122.364	37.7165				2106.43562	RS-700	0.837988159
10839	9/4/2019 12:36:33		-122.364	37.7165				2125.54384	RS-700	0.93305393
10840	9/4/2019 12:36:34		-122.364	37.7165				2132.76433	RS-700	0.968976766
10841	9/4/2019 12:36:35		-122.364	37.7165				2125.76878	RS-700	0.934173035
10842	9/4/2019 12:36:36		-122.364	37.7165				2121.64539	RS-700	0.913658657
10843	9/4/2019 12:36:37		-122.364	37.7165				2168.66425	RS-700	1.147583333
10844	9/4/2019 12:36:38		-122.364	37.7165				2038.52358	RS-700	0.500117313
10845	9/4/2019 12:36:39		-122.364	37.7165				2100.9531	RS-700	0.81071194
10846	9/4/2019 12:36:40		-122.364	37.7165				2056.83683	RS-700	0.59122801
10847	9/4/2019 12:36:41		-122.364	37.7165				2121.43524	RS-700	0.912613134
10848	9/4/2019 12:36:42		-122.364	37.7165				2046.83792	RS-700	0.541482189
10849	9/4/2019 12:36:43		-122.364	37.7165				2034.31577	RS-700	0.479182935
10850	9/4/2019 12:36:44		-122.364	37.7165				2042.5228	RS-700	0.52001393
10851	9/4/2019 12:36:45		-122.364	37.7164				1999.90997	RS-700	0.308009801
10852	9/4/2019 12:36:46		-122.364	37.7164				1992.71637	RS-700	0.272220746
10853	9/4/2019 12:36:47		-122.364	37.7164				1990.21223	RS-700	0.259762338
10854	9/4/2019 12:36:48		-122.364	37.7164				1989.21332	RS-700	0.254792637
10855	9/4/2019 12:36:49		-122.364	37.7164				1965.60685	RS-700	0.137347512
10856	9/4/2019 12:36:50		-122.364	37.7164				1895.68707	RS-700	-0.21051209
10857	9/4/2019 12:36:51		-122.364	37.7164				1947.88917	RS-700	0.049199851

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SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
10858	9/4/2019 12:36:52		-122.364	37.7164				1943.69322	RS-700	0.028324478
10859	9/4/2019 12:36:53		-122.364	37.7164				1989.71643	RS-700	0.257295672
10860	9/4/2019 12:36:54		-122.364	37.7164				1851.56921	RS-700	-0.43000393
10861	9/4/2019 12:36:55		-122.364	37.7164				1939.78096	RS-700	0.008860498
10862	9/4/2019 12:36:56		-122.364	37.7164				1842.75366	RS-700	-0.473862388
10863	9/4/2019 12:36:57		-122.364	37.7164				1918.88527	RS-700	-0.095098159
10864	9/4/2019 12:36:58		-122.364	37.7164				1994.70603	RS-700	0.282119552
10865	9/4/2019 12:36:59		-122.364	37.7164				2052.03844	RS-700	0.567355423
10866	9/4/2019 12:37:00		-122.364	37.7164				2030.21661	RS-700	0.458789104
10867	9/4/2019 12:37:01		-122.364	37.7164				2072.931	RS-700	0.671298507
10868	9/4/2019 12:37:02		-122.364	37.7164				2203.89667	RS-700	1.322869005
10869	9/4/2019 12:37:03		-122.364	37.7164				1990.51069	RS-700	0.261247214
10870	9/4/2019 12:37:04		-122.364	37.7164				2012.02076	RS-700	0.368262488
10871	9/4/2019 12:37:05		-122.364	37.7164				2028.51913	RS-700	0.45034393
10872	9/4/2019 12:37:06		-122.364	37.7164				2053.63334	RS-700	0.575290249
10873	9/4/2019 12:37:07		-122.364	37.7164				2042.62968	RS-700	0.520545672
10874	9/4/2019 12:37:08		-122.364	37.7164				1960.91253	RS-700	0.113992687
10875	9/4/2019 12:37:09		-122.364	37.7164				1992.71154	RS-700	0.272196716
10876	9/4/2019 12:37:10		-122.364	37.7164				2020.51734	RS-700	0.41053403
10877	9/4/2019 12:37:11		-122.364	37.7164				2029.93094	RS-700	0.457367861
10878	9/4/2019 12:37:12		-122.364	37.7164				1911.87071	RS-700	-0.129996468
10879	9/4/2019 12:37:13		-122.364	37.7164				2007.81741	RS-700	0.347350299
10880	9/4/2019 12:37:14		-122.364	37.7164				2007.0012	RS-700	0.343289552
10881	9/4/2019 12:37:15		-122.364	37.7164				1930.58301	RS-700	-0.036900448
10882	9/4/2019 12:37:16		-122.364	37.7163				1999.51275	RS-700	0.306033582
10883	9/4/2019 12:37:17		-122.364	37.7163				1967.80004	RS-700	0.148258905
10884	9/4/2019 12:37:18		-122.364	37.7163				1956.4044	RS-700	0.091564179
10885	9/4/2019 12:37:19		-122.364	37.7163				1997.9127	RS-700	0.298073134
10886	9/4/2019 12:37:20		-122.364	37.7163				1965.79884	RS-700	0.138302687
10887	9/4/2019 12:37:21		-122.364	37.7163				1884.672	RS-700	-0.265313433
10888	9/4/2019 12:37:22		-122.364	37.7163				1988.31292	RS-700	0.250313035
10889	9/4/2019 12:37:23		-122.363	37.7163				1931.78308	RS-700	-0.03092995
10890	9/4/2019 12:37:24		-122.363	37.7163				1970.41045	RS-700	0.16124602
10891	9/4/2019 12:37:25		-122.363	37.7163				1979.70825	RS-700	0.207503731
10892	9/4/2019 12:37:26		-122.363	37.7163				1949.30695	RS-700	0.056253483
10893	9/4/2019 12:37:27		-122.363	37.7163				1994.71237	RS-700	0.282151095
10894	9/4/2019 12:37:28		-122.363	37.7163				2009.01742	RS-700	0.353320498
10895	9/4/2019 12:37:29		-122.363	37.7163				1940.50012	RS-700	0.012438408
10896	9/4/2019 12:37:30		-122.363	37.7163				1932.47137	RS-700	-0.027505622
10897	9/4/2019 12:37:31		-122.363	37.7163				1997.11919	RS-700	0.294125323
10898	9/4/2019 12:37:32		-122.363	37.7163				1988.79839	RS-700	0.252728308
10899	9/4/2019 12:37:33		-122.363	37.7163				2026.72057	RS-700	0.441395871
10900	9/4/2019 12:37:34		-122.363	37.7163				2138.41072	RS-700	0.997068259
10901	9/4/2019 12:37:35		-122.363	37.7163				2082.0711	RS-700	0.716771642
10902	9/4/2019 12:37:36		-122.363	37.7163				2089.85366	RS-700	0.755490846
10903	9/4/2019 12:37:37		-122.363	37.7163				2107.17377	RS-700	0.841660547
10904	9/4/2019 12:37:38		-122.363	37.7163				2130.54704	RS-700	0.957945473
10905	9/4/2019 12:37:39		-122.363	37.7163				2087.84713	RS-700	0.745508109
10906	9/4/2019 12:37:40		-122.363	37.7163				2060.83522	RS-700	0.611120498
10907	9/4/2019 12:37:41		-122.363	37.7163				1973.69905	RS-700	0.177607214
10908	9/4/2019 12:37:42		-122.363	37.7163				2011.50703	RS-700	0.365706617
10909	9/4/2019 12:37:43		-122.363	37.7163				2046.7423	RS-700	0.541006468
10910	9/4/2019 12:37:44		-122.363	37.7163				2039.52685	RS-700	0.505108706
10911	9/4/2019 12:37:45		-122.363	37.7163				1976.6018	RS-700	0.192048756
10912	9/4/2019 12:37:46		-122.363	37.7163				1976.8976	RS-700	0.193520398
10913	9/4/2019 12:37:47		-122.363	37.7163				1845.28457	RS-700	-0.461270796
10914	9/4/2019 12:37:48		-122.363	37.7163				2003.61539	RS-700	0.326444726
10915	9/4/2019 12:37:49		-122.363	37.7162				1977.70738	RS-700	0.197549154
10916	9/4/2019 12:37:50		-122.363	37.7162				1965.59965	RS-700	0.137311692
10917	9/4/2019 12:37:51		-122.363	37.7162				1965.09394	RS-700	0.134795721
10918	9/4/2019 12:37:52		-122.363	37.7162				2082.15763	RS-700	0.717202139

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SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
10919	9/4/2019 12:37:53		-122.363	37.7162				2027.12435	RS-700	0.443404726
10920	9/4/2019 12:37:54		-122.363	37.7162				2061.63114	RS-700	0.615080299
10921	9/4/2019 12:37:55		-122.363	37.7162				2082.06002	RS-700	0.716716517
10922	9/4/2019 12:37:56		-122.363	37.7162				2070.15234	RS-700	0.657474328
10923	9/4/2019 12:37:57		-122.363	37.7162				2008.41461	RS-700	0.350321443
10924	9/4/2019 12:37:58		-122.363	37.7162				2058.52848	RS-700	0.599644179
10925	9/4/2019 12:37:59		-122.363	37.7162				2067.73371	RS-700	0.645441343
10926	9/4/2019 12:38:00		-122.363	37.7162				2054.62755	RS-700	0.580236567
10927	9/4/2019 12:38:01		-122.363	37.7162				2019.41572	RS-700	0.405053333
10928	9/4/2019 12:38:02		-122.363	37.7162				2020.42449	RS-700	0.41007209
10929	9/4/2019 12:38:03		-122.363	37.7162				1944.17766	RS-700	0.030734627
10930	9/4/2019 12:38:04		-122.363	37.7162				2002.41451	RS-700	0.320470199
10931	9/4/2019 12:38:05		-122.363	37.7162				1966.09489	RS-700	0.139775572
10932	9/4/2019 12:38:06		-122.363	37.7162				1941.27555	RS-700	0.016296269
10933	9/4/2019 12:38:07		-122.363	37.7162				1994.81076	RS-700	0.282640597
10934	9/4/2019 12:38:08		-122.363	37.7162				2039.73353	RS-700	0.506136965
10935	9/4/2019 12:38:09		-122.363	37.7162				2068.5196	RS-700	0.649351244
10936	9/4/2019 12:38:10		-122.363	37.7162				2109.75504	RS-700	0.854502687
10937	9/4/2019 12:38:11		-122.363	37.7162				2125.32614	RS-700	0.931970846
10938	9/4/2019 12:38:12		-122.363	37.7162				2249.05213	RS-700	1.547523035
10939	9/4/2019 12:38:13		-122.363	37.7162				2174.77775	RS-700	1.177998756
10940	9/4/2019 12:38:14		-122.363	37.7162				2034.72606	RS-700	0.481224179
10941	9/4/2019 12:38:15		-122.363	37.7162				2183.32363	RS-700	1.220515572
10942	9/4/2019 12:38:16		-122.363	37.7162				2110.75195	RS-700	0.859462438
10943	9/4/2019 12:38:17		-122.363	37.7162				1977.60357	RS-700	0.197032687
10944	9/4/2019 12:38:18		-122.363	37.7162				1926.69044	RS-700	-0.056266468
10945	9/4/2019 12:38:19		-122.363	37.7161				2036.92804	RS-700	0.492179303
10946	9/4/2019 12:38:20		-122.363	37.7161				1958.11179	RS-700	0.100058657
10947	9/4/2019 12:38:21		-122.363	37.7161				1926.87643	RS-700	-0.055341144
10948	9/4/2019 12:38:22		-122.363	37.7161				1963.6081	RS-700	0.127403483
10949	9/4/2019 12:38:23		-122.363	37.7161				1985.4027	RS-700	0.235834328
10950	9/4/2019 12:38:24		-122.363	37.7161				1995.41034	RS-700	0.285623582
10951	9/4/2019 12:38:25		-122.363	37.7161				1948.58931	RS-700	0.052683134
10952	9/4/2019 12:38:26		-122.363	37.7161				2065.73977	RS-700	0.635521244
10953	9/4/2019 12:38:27		-122.363	37.7161				1961.40269	RS-700	0.116431294
10954	9/4/2019 12:38:28		-122.363	37.7161				1923.69148	RS-700	-0.071186667
10955	9/4/2019 12:38:29		-122.363	37.7161				1929.0678	RS-700	-0.044438806
10956	9/4/2019 12:38:30		-122.363	37.7161				1916.48797	RS-700	-0.107025025
10957	9/4/2019 12:38:31		-122.363	37.7161				1916.39463	RS-700	-0.107489403
10958	9/4/2019 12:38:32		-122.363	37.7161				1972.31137	RS-700	0.170703333
10959	9/4/2019 12:38:33		-122.363	37.7161				2013.4146	RS-700	0.375197015
10960	9/4/2019 12:38:34		-122.363	37.7161				1830.10428	RS-700	-0.536794627
10961	9/4/2019 12:38:35		-122.363	37.7161				1659.25966	RS-700	-1.386767861
10962	9/4/2019 12:38:36		-122.363	37.7161				1782.81411	RS-700	-0.772069104
10963	9/4/2019 12:38:37		-122.363	37.7161				1893.86506	RS-700	-0.219576816
10964	9/4/2019 12:38:38		-122.363	37.7161				1396.35631	RS-700	-2.694744726
10965	9/4/2019 12:38:39		-122.363	37.7161				1055.16102	RS-700	-4.392233731
10966	9/4/2019 12:38:40		-122.363	37.7161				1406.2925	RS-700	-2.645310945
10967	9/4/2019 12:38:41		-122.363	37.7161				1740.2653	RS-700	-0.983754726
10968	9/4/2019 12:38:42		-122.363	37.7161				1689.94202	RS-700	-1.234119303
10969	9/4/2019 12:38:43		-122.363	37.716				1894.67393	RS-700	-0.215552587
10970	9/4/2019 12:38:44		-122.363	37.716				2072.74913	RS-700	0.670393682
10971	9/4/2019 12:38:45		-122.363	37.716				2285.04109	RS-700	1.726572587
10972	9/4/2019 12:38:46		-122.363	37.716				2199.54689	RS-700	1.301228308
10973	9/4/2019 12:38:47		-122.363	37.716				1996.70582	RS-700	0.292068756
10974	9/4/2019 12:38:48		-122.363	37.716				1908.58022	RS-700	-0.146367065
10975	9/4/2019 12:38:49		-122.363	37.716				1859.38273	RS-700	-0.391130697
10976	9/4/2019 12:38:50		-122.363	37.716				1922.17534	RS-700	-0.078729652
10977	9/4/2019 12:38:51		-122.363	37.716				1974.801	RS-700	0.183089552
10978	9/4/2019 12:38:52		-122.363	37.716				1964.60955	RS-700	0.132385821
10979	9/4/2019 12:38:53		-122.363	37.716				1975.80731	RS-700	0.18809607

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SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
10980	9/4/2019 12:38:54		-122.363	37.716				2106.53787	RS-700	0.838496866
10981	9/4/2019 12:38:55		-122.363	37.716				1974.60323	RS-700	0.182105622
10982	9/4/2019 12:38:56		-122.363	37.716				1976.90752	RS-700	0.193569751
10983	9/4/2019 12:38:57		-122.363	37.716				2040.41757	RS-700	0.509540149
10984	9/4/2019 12:38:58		-122.363	37.716				1928.59622	RS-700	-0.046784975
10985	9/4/2019 12:38:59		-122.363	37.716				1912.77433	RS-700	-0.125500846
10986	9/4/2019 12:39:00		-122.363	37.716				2052.35152	RS-700	0.568913035
10987	9/4/2019 12:39:01		-122.363	37.716				2041.32201	RS-700	0.514039851
10988	9/4/2019 12:39:02		-122.363	37.716				2041.83337	RS-700	0.51658393
10989	9/4/2019 12:39:03		-122.363	37.716				2091.26667	RS-700	0.762520746
10990	9/4/2019 12:39:04		-122.363	37.716				1964.52355	RS-700	0.13195796
10991	9/4/2019 12:39:05		-122.363	37.716				2057.75587	RS-700	0.595800348
10992	9/4/2019 12:39:06		-122.363	37.716				2008.41475	RS-700	0.350322139
10993	9/4/2019 12:39:07		-122.363	37.716				1975.50486	RS-700	0.186591343
10994	9/4/2019 12:39:08		-122.363	37.716				1976.70807	RS-700	0.192577463
10995	9/4/2019 12:39:09		-122.363	37.716				1938.49542	RS-700	0.002464776
10996	9/4/2019 12:39:10		-122.363	37.716				1968.68342	RS-700	0.152653831
10997	9/4/2019 12:39:11		-122.363	37.7159				1954.69972	RS-700	0.083083184
10998	9/4/2019 12:39:12		-122.363	37.7159				2079.64026	RS-700	0.70467791
10999	9/4/2019 12:39:13		-122.363	37.7159				2045.831	RS-700	0.536472637
11000	9/4/2019 12:39:14		-122.363	37.7159				1956.49929	RS-700	0.092036269
11001	9/4/2019 12:39:15		-122.363	37.7159				2001.82271	RS-700	0.31752592
11002	9/4/2019 12:39:16		-122.363	37.7159				2057.8383	RS-700	0.596210448
11003	9/4/2019 12:39:17		-122.363	37.7159				2113.53834	RS-700	0.873325075
11004	9/4/2019 12:39:18		-122.363	37.7159				2148.19424	RS-700	1.045742488
11005	9/4/2019 12:39:19		-122.363	37.7159				2062.17194	RS-700	0.617770846
11006	9/4/2019 12:39:20		-122.363	37.7159				2085.5346	RS-700	0.734002985
11007	9/4/2019 12:39:21		-122.363	37.7159				1963.70906	RS-700	0.127905771
11008	9/4/2019 12:39:22		-122.363	37.7159				2032.33374	RS-700	0.46932209
11009	9/4/2019 12:39:23		-122.363	37.7159				1970.79212	RS-700	0.163144876
11010	9/4/2019 12:39:24		-122.363	37.7159				2086.95488	RS-700	0.741069055
11011	9/4/2019 12:39:25		-122.363	37.7159				2054.72922	RS-700	0.580742388
11012	9/4/2019 12:39:26		-122.363	37.7159				2067.93741	RS-700	0.646454776
11013	9/4/2019 12:39:27		-122.363	37.7159				2179.78311	RS-700	1.202901045
11014	9/4/2019 12:39:28		-122.363	37.7159				2061.53372	RS-700	0.614595622
11015	9/4/2019 12:39:29		-122.363	37.7159				2190.87232	RS-700	1.258071244
11016	9/4/2019 12:39:30		-122.363	37.7159				2082.84636	RS-700	0.720628657
11017	9/4/2019 12:39:31		-122.363	37.7159				2088.74671	RS-700	0.749983632
11018	9/4/2019 12:39:32		-122.363	37.7159				2075.63573	RS-700	0.684754876
11019	9/4/2019 12:39:33		-122.363	37.7159				2098.95604	RS-700	0.800776318
11020	9/4/2019 12:39:34		-122.363	37.7159				2106.16904	RS-700	0.836661891
11021	9/4/2019 12:39:35		-122.363	37.7159				2090.74909	RS-700	0.759945721
11022	9/4/2019 12:39:36		-122.363	37.7159				2100.18339	RS-700	0.806882537
11023	9/4/2019 12:39:37		-122.363	37.7159				2132.86659	RS-700	0.969485522
11024	9/4/2019 12:39:38		-122.363	37.7159				2044.44617	RS-700	0.529582935
11025	9/4/2019 12:39:39		-122.363	37.7159				2163.21673	RS-700	1.120481244
11026	9/4/2019 12:39:40		-122.363	37.7159				2027.02299	RS-700	0.442900448
11027	9/4/2019 12:39:41		-122.363	37.7159				2051.73419	RS-700	0.565841741
11028	9/4/2019 12:39:42		-122.363	37.7159				2033.52513	RS-700	0.475249403
11029	9/4/2019 12:39:43		-122.363	37.7159				1987.51096	RS-700	0.246323184
11030	9/4/2019 12:39:44		-122.363	37.7159				2028.73811	RS-700	0.451433383
11031	9/4/2019 12:39:45		-122.363	37.7158				2007.82228	RS-700	0.347374527
11032	9/4/2019 12:39:46		-122.363	37.7158				2105.64716	RS-700	0.834065473
11033	9/4/2019 12:39:47		-122.363	37.7158				2097.0665	RS-700	0.791375622
11034	9/4/2019 12:39:48		-122.363	37.7158				2086.06412	RS-700	0.736637413
11035	9/4/2019 12:39:49		-122.363	37.7158				2019.72032	RS-700	0.406568756
11036	9/4/2019 12:39:50		-122.363	37.7158				2001.21744	RS-700	0.314514627
11037	9/4/2019 12:39:51		-122.363	37.7158				2004.71423	RS-700	0.331911592
11038	9/4/2019 12:39:52		-122.363	37.7158				1978.50217	RS-700	0.201503333
11039	9/4/2019 12:39:53		-122.363	37.7158				1953.19042	RS-700	0.075574229
11040	9/4/2019 12:39:54		-122.363	37.7158				1912.40188	RS-700	-0.127353831

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SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
11041	9/4/2019 12:39:55		-122.363	37.7158				1954.88525	RS-700	0.084006219
11042	9/4/2019 12:39:56		-122.363	37.7158				1968.90117	RS-700	0.153737164
11043	9/4/2019 12:39:57		-122.363	37.7158				2010.51434	RS-700	0.360767861
11044	9/4/2019 12:39:58		-122.363	37.7158				1953.30474	RS-700	0.076142985
11045	9/4/2019 12:39:59		-122.363	37.7158				1908.70243	RS-700	-0.145759055
11046	9/4/2019 12:40:00		-122.363	37.7158				1976.21035	RS-700	0.190101244
11047	9/4/2019 12:40:01		-122.363	37.7158				2054.04628	RS-700	0.577344677
11048	9/4/2019 12:40:02		-122.363	37.7158				1931.87879	RS-700	-0.030453781
11049	9/4/2019 12:40:03		-122.363	37.7158				1882.96657	RS-700	-0.273798159
11050	9/4/2019 12:40:04		-122.363	37.7158				1780.63558	RS-700	-0.782907562
11051	9/4/2019 12:40:05		-122.363	37.7158				1806.84008	RS-700	-0.652536915
11052	9/4/2019 12:40:06		-122.363	37.7158				1805.37259	RS-700	-0.659837861
11053	9/4/2019 12:40:07		-122.363	37.7158				1758.70897	RS-700	-0.891995174
11054	9/4/2019 12:40:08		-122.363	37.7158				1806.3809	RS-700	-0.654821393
11055	9/4/2019 12:40:09		-122.363	37.7158				1829.11517	RS-700	-0.541715572
11056	9/4/2019 12:40:10		-122.363	37.7158				1739.70793	RS-700	-0.986527711
11057	9/4/2019 12:40:11		-122.363	37.7158				1755.4483	RS-700	-0.908217413
11058	9/4/2019 12:40:12		-122.363	37.7158				1799.73457	RS-700	-0.687887711
11059	9/4/2019 12:40:13		-122.362	37.7158				1763.54233	RS-700	-0.867948607
11060	9/4/2019 12:40:14		-122.362	37.7158				1780.98525	RS-700	-0.78116791
11061	9/4/2019 12:40:15		-122.362	37.7158				1779.90416	RS-700	-0.786546468
11062	9/4/2019 12:40:16		-122.362	37.7158				1776.4594	RS-700	-0.803684577
11063	9/4/2019 12:40:17		-122.362	37.7158				1826.73811	RS-700	-0.553541741
11064	9/4/2019 12:40:18		-122.362	37.7158				2038.83082	RS-700	0.501645871
11065	9/4/2019 12:40:19		-122.362	37.7157				1936.97449	RS-700	-0.00510204
11066	9/4/2019 12:40:20		-122.362	37.7157				1905.58395	RS-700	-0.161273881
11067	9/4/2019 12:40:21		-122.362	37.7157				1865.76131	RS-700	-0.359396468
11068	9/4/2019 12:40:22		-122.362	37.7157				2016.72244	RS-700	0.39165393
11069	9/4/2019 12:40:23		-122.362	37.7157				2015.51764	RS-700	0.3856599
11070	9/4/2019 12:40:24		-122.362	37.7157				1998.81113	RS-700	0.302542935
11071	9/4/2019 12:40:25		-122.362	37.7157				1992.81016	RS-700	0.272687363
11072	9/4/2019 12:40:26		-122.362	37.7157				2010.32671	RS-700	0.359834378
11073	9/4/2019 12:40:27		-122.362	37.7157				2026.22374	RS-700	0.43892408
11074	9/4/2019 12:40:28		-122.362	37.7157				2016.72064	RS-700	0.391644975
11075	9/4/2019 12:40:29		-122.362	37.7157				1942.49817	RS-700	0.022378955
11076	9/4/2019 12:40:30		-122.362	37.7157				1956.99343	RS-700	0.094494677
11077	9/4/2019 12:40:31		-122.362	37.7157				2041.62597	RS-700	0.51555209
11078	9/4/2019 12:40:32		-122.362	37.7157				1952.20752	RS-700	0.070684179
11079	9/4/2019 12:40:33		-122.362	37.7157				1940.59512	RS-700	0.012911045
11080	9/4/2019 12:40:34		-122.362	37.7157				2018.41833	RS-700	0.400091194
11081	9/4/2019 12:40:35		-122.362	37.7157				2003.614	RS-700	0.326437811
11082	9/4/2019 12:40:36		-122.362	37.7157				2145.65791	RS-700	1.03312393
11083	9/4/2019 12:40:37		-122.362	37.7157				2043.5323	RS-700	0.525036318
11084	9/4/2019 12:40:38		-122.362	37.7157				2086.9441	RS-700	0.741015423
11085	9/4/2019 12:40:39		-122.362	37.7157				2148.87035	RS-700	1.049106219
11086	9/4/2019 12:40:40		-122.362	37.7157				2094.64201	RS-700	0.779313483
11087	9/4/2019 12:40:41		-122.362	37.7157				2168.88859	RS-700	1.148699453
11088	9/4/2019 12:40:42		-122.362	37.7157				2166.67833	RS-700	1.137703134
11089	9/4/2019 12:40:43		-122.362	37.7157				2124.43916	RS-700	0.92755801
11090	9/4/2019 12:40:44		-122.362	37.7157				2155.09181	RS-700	1.080058756
11091	9/4/2019 12:40:45		-122.362	37.7157				2102.53908	RS-700	0.818602388
11092	9/4/2019 12:40:46		-122.362	37.7157				2187.78264	RS-700	1.242699701
11093	9/4/2019 12:40:47		-122.362	37.7157				2200.43972	RS-700	1.305670249
11094	9/4/2019 12:40:48		-122.362	37.7157				2151.76524	RS-700	1.063508657
11095	9/4/2019 12:40:49		-122.362	37.7157				2149.98653	RS-700	1.054659353
11096	9/4/2019 12:40:50		-122.362	37.7157				2191.89329	RS-700	1.263150697
11097	9/4/2019 12:40:51		-122.362	37.7157				2230.00505	RS-700	1.452761443
11098	9/4/2019 12:40:52		-122.362	37.7157				2152.74493	RS-700	1.068382736
11099	9/4/2019 12:40:53		-122.362	37.7157				2069.73747	RS-700	0.655410299
11100	9/4/2019 12:40:54		-122.362	37.7157				2051.64071	RS-700	0.565376667
11101	9/4/2019 12:40:55		-122.362	37.7157				1940.08076	RS-700	0.01035204

Gamma Scan Survey Results
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SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
11102	9/4/2019 12:40:56		-122.362	37.7156				1922.39689	RS-700	-0.077627413
11103	9/4/2019 12:40:57		-122.362	37.7156				1930.68527	RS-700	-0.036391692
11104	9/4/2019 12:40:58		-122.362	37.7156				1873.76198	RS-700	-0.319592139
11105	9/4/2019 12:40:59		-122.362	37.7156				1931.69353	RS-700	-0.031375473
11106	9/4/2019 12:41:00		-122.362	37.7156				2015.02615	RS-700	0.383214677
11107	9/4/2019 12:41:01		-122.362	37.7156				1924.07962	RS-700	-0.069255622
11108	9/4/2019 12:41:02		-122.362	37.7156				2020.02092	RS-700	0.408064279
11109	9/4/2019 12:41:03		-122.362	37.7156				2011.52118	RS-700	0.365777015
11110	9/4/2019 12:41:04		-122.362	37.7156				1986.10615	RS-700	0.23933408
11111	9/4/2019 12:41:05		-122.362	37.7156				1956.38406	RS-700	0.091462985
11112	9/4/2019 12:41:06		-122.362	37.7156				2045.73265	RS-700	0.535983333
11113	9/4/2019 12:41:07		-122.362	37.7156				1965.19297	RS-700	0.135288408
11114	9/4/2019 12:41:08		-122.362	37.7156				1945.7856	RS-700	0.038734328
11115	9/4/2019 12:41:09		-122.362	37.7156				1986.11465	RS-700	0.239376368
11116	9/4/2019 12:41:10		-122.362	37.7156				1907.87264	RS-700	-0.149887363
11117	9/4/2019 12:41:11		-122.362	37.7156				1959.89617	RS-700	0.108936169
11118	9/4/2019 12:41:12		-122.362	37.7156				1923.39811	RS-700	-0.072646219
11119	9/4/2019 12:41:13		-122.362	37.7156				2025.62092	RS-700	0.435924975
11120	9/4/2019 12:41:14		-122.362	37.7156				1904.38849	RS-700	-0.167221443
11121	9/4/2019 12:41:15		-122.362	37.7156				1939.8825	RS-700	0.009365672
11122	9/4/2019 12:41:16		-122.362	37.7156				1909.96313	RS-700	-0.139486915
11123	9/4/2019 12:41:17		-122.362	37.7155				1938.59644	RS-700	0.002967363
11124	9/4/2019 12:41:18		-122.362	37.7155				2075.9514	RS-700	0.686325373
11125	9/4/2019 12:41:19		-122.362	37.7155				2112.43607	RS-700	0.867841144
11126	9/4/2019 12:41:20		-122.362	37.7155				1997.10675	RS-700	0.294063433
11127	9/4/2019 12:41:21		-122.362	37.7155				2022.31266	RS-700	0.41946597
11128	9/4/2019 12:41:22		-122.362	37.7155				1951.50526	RS-700	0.067190348
11129	9/4/2019 12:41:23		-122.362	37.7155				1938.58128	RS-700	0.00289194
11130	9/4/2019 12:41:24		-122.362	37.7155				2064.46255	RS-700	0.629166915
11131	9/4/2019 12:41:25		-122.362	37.7155				1927.40374	RS-700	-0.052717711
11132	9/4/2019 12:41:26		-122.362	37.7155				2023.81675	RS-700	0.426949005
11133	9/4/2019 12:41:27		-122.362	37.7155				1967.59884	RS-700	0.14725791
11134	9/4/2019 12:41:28		-122.362	37.7155				1916.19843	RS-700	-0.108465522
11135	9/4/2019 12:41:29		-122.362	37.7155				1941.68843	RS-700	0.018350398
11136	9/4/2019 12:41:30		-122.362	37.7155				1939.27255	RS-700	0.006331095
11137	9/4/2019 12:41:31		-122.362	37.7155				1993.41036	RS-700	0.275673433
11138	9/4/2019 12:41:32		-122.362	37.7155				1886.94944	RS-700	-0.253982886
11139	9/4/2019 12:41:33		-122.362	37.7155				1909.8695	RS-700	-0.139952736
11140	9/4/2019 12:41:34		-122.362	37.7155				1704.79057	RS-700	-1.16024592
11141	9/4/2019 12:41:35		-122.362	37.7155				1957.49853	RS-700	0.097007612
11142	9/4/2019 12:41:36		-122.362	37.7155				2022.71816	RS-700	0.421483383
11143	9/4/2019 12:41:37		-122.362	37.7155				1958.41455	RS-700	0.101564925
11144	9/4/2019 12:41:38		-122.362	37.7155				1992.02497	RS-700	0.268780945
11145	9/4/2019 12:41:39		-122.362	37.7155				2031.5168	RS-700	0.465257711
11146	9/4/2019 12:41:40		-122.362	37.7154				1922.78837	RS-700	-0.075679751
11147	9/4/2019 12:41:41		-122.362	37.7154				1930.689	RS-700	-0.036373134
11148	9/4/2019 12:41:42		-122.362	37.7154				1985.70984	RS-700	0.237362388
11149	9/4/2019 12:41:43		-122.362	37.7154				1861.76047	RS-700	-0.379301144
11150	9/4/2019 12:41:44		-122.362	37.7154				1869.56821	RS-700	-0.340456667
11151	9/4/2019 12:41:45		-122.362	37.7154				1831.65364	RS-700	-0.529086368
11152	9/4/2019 12:41:46		-122.362	37.7154				1914.58095	RS-700	-0.116512687
11153	9/4/2019 12:41:47		-122.362	37.7154				1974.40308	RS-700	0.181109851
11154	9/4/2019 12:41:48		-122.362	37.7154				1854.8434	RS-700	-0.413714428
11155	9/4/2019 12:41:49		-122.362	37.7154				1958.0919	RS-700	0.099959701
11156	9/4/2019 12:41:50		-122.362	37.7154				1836.64944	RS-700	-0.504231642
11157	9/4/2019 12:41:51		-122.362	37.7154				1860.39186	RS-700	-0.386110149
11158	9/4/2019 12:41:52		-122.362	37.7154				1931.40442	RS-700	-0.032813831
11159	9/4/2019 12:41:53		-122.362	37.7154				1821.38508	RS-700	-0.580173731
11160	9/4/2019 12:41:54		-122.362	37.7154				1970.79893	RS-700	0.163178756
11161	9/4/2019 12:41:55		-122.362	37.7154				2012.61625	RS-700	0.371225124
11162	9/4/2019 12:41:56		-122.362	37.7154				1977.00341	RS-700	0.194046816

Gamma Scan Survey Results
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SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
11163	9/4/2019 12:41:57		-122.362	37.7154				1952.69264	RS-700	0.073097711
11164	9/4/2019 12:41:58		-122.362	37.7154				2050.03891	RS-700	0.557407512
11165	9/4/2019 12:41:59		-122.362	37.7154				1945.49334	RS-700	0.037280299
11166	9/4/2019 12:42:00		-122.362	37.7154				1923.59555	RS-700	-0.07166393
11167	9/4/2019 12:42:01		-122.362	37.7154				2037.73061	RS-700	0.496172189
11168	9/4/2019 12:42:02		-122.362	37.7154				2091.74645	RS-700	0.764907711
11169	9/4/2019 12:42:03		-122.362	37.7154				1899.77227	RS-700	-0.190187711
11170	9/4/2019 12:42:04		-122.362	37.7153				1919.68442	RS-700	-0.091122289
11171	9/4/2019 12:42:05		-122.362	37.7153				1864.46259	RS-700	-0.365857761
11172	9/4/2019 12:42:06		-122.362	37.7153				1926.49828	RS-700	-0.057222488
11173	9/4/2019 12:42:07		-122.362	37.7153				1931.49184	RS-700	-0.032378905
11174	9/4/2019 12:42:08		-122.362	37.7153				1915.68636	RS-700	-0.111013134
11175	9/4/2019 12:42:09		-122.362	37.7153				1834.37773	RS-700	-0.515533682
11176	9/4/2019 12:42:10		-122.362	37.7153				1896.98222	RS-700	-0.204068557
11177	9/4/2019 12:42:11		-122.362	37.7153				1815.28619	RS-700	-0.610516468
11178	9/4/2019 12:42:12		-122.362	37.7153				1820.56282	RS-700	-0.584264577
11179	9/4/2019 12:42:13		-122.362	37.7153				1789.3748	RS-700	-0.739428856
11180	9/4/2019 12:42:14		-122.362	37.7153				1830.59333	RS-700	-0.534361542
11181	9/4/2019 12:42:15		-122.362	37.7153				1802.73272	RS-700	-0.672971542
11182	9/4/2019 12:42:16		-122.362	37.7153				1964.39771	RS-700	0.131331891
11183	9/4/2019 12:42:17		-122.362	37.7153				1972.70237	RS-700	0.172648607
11184	9/4/2019 12:42:18		-122.362	37.7153				1932.88396	RS-700	-0.025452935
11185	9/4/2019 12:42:19		-122.362	37.7153				1971.89547	RS-700	0.168634179
11186	9/4/2019 12:42:20		-122.362	37.7153				2026.70988	RS-700	0.441342687
11187	9/4/2019 12:42:21		-122.362	37.7153				1962.18887	RS-700	0.120342637
11188	9/4/2019 12:42:22		-122.362	37.7153				1898.96339	RS-700	-0.19421199
11189	9/4/2019 12:42:23		-122.362	37.7153				1937.59039	RS-700	-0.002037861
11190	9/4/2019 12:42:24		-122.362	37.7153				1898.39182	RS-700	-0.197055622
11191	9/4/2019 12:42:25		-122.362	37.7153				1839.56388	RS-700	-0.48973194
11192	9/4/2019 12:42:26		-122.362	37.7152				1859.03427	RS-700	-0.392864328
11193	9/4/2019 12:42:27		-122.362	37.7152				1873.75691	RS-700	-0.319617363
11194	9/4/2019 12:42:28		-122.362	37.7152				1881.66918	RS-700	-0.280252836
11195	9/4/2019 12:42:29		-122.362	37.7152				1761.63366	RS-700	-0.877444478
11196	9/4/2019 12:42:30		-122.362	37.7152				1857.57248	RS-700	-0.400136915
11197	9/4/2019 12:42:31		-122.362	37.7152				1864.75889	RS-700	-0.364383632
11198	9/4/2019 12:42:32		-122.362	37.7152				1863.95276	RS-700	-0.368394229
11199	9/4/2019 12:42:33		-122.362	37.7152				1775.45269	RS-700	-0.808693085
11200	9/4/2019 12:42:34		-122.362	37.7152				1869.5793	RS-700	-0.340401493
11201	9/4/2019 12:42:35		-122.362	37.7152				1780.63689	RS-700	-0.782901045
11202	9/4/2019 12:42:36		-122.362	37.7152				1787.81875	RS-700	-0.747170398
11203	9/4/2019 12:42:37		-122.362	37.7152				1842.28943	RS-700	-0.47617199
11204	9/4/2019 12:42:38		-122.362	37.7152				1756.73205	RS-700	-0.901830597
11205	9/4/2019 12:42:39		-122.362	37.7152				1847.94222	RS-700	-0.448048657
11206	9/4/2019 12:42:40		-122.362	37.7152				1915.77327	RS-700	-0.110580746
11207	9/4/2019 12:42:41		-122.361	37.7152				1808.55411	RS-700	-0.644009403
11208	9/4/2019 12:42:42		-122.361	37.7152				1892.67383	RS-700	-0.225503333
11209	9/4/2019 12:42:43		-122.361	37.7152				1857.28961	RS-700	-0.401544229
11210	9/4/2019 12:42:44		-122.361	37.7152				1839.83924	RS-700	-0.48836199
11211	9/4/2019 12:42:45		-122.361	37.7152				1851.76217	RS-700	-0.42904393
11212	9/4/2019 12:42:46		-122.361	37.7152				1823.47266	RS-700	-0.569787761
11213	9/4/2019 12:42:47		-122.361	37.7152				1704.42494	RS-700	-1.162064975
11214	9/4/2019 12:42:48		-122.361	37.7152				1764.42453	RS-700	-0.863559552
11215	9/4/2019 12:42:49		-122.361	37.7152				1803.64349	RS-700	-0.668440348
11216	9/4/2019 12:42:50		-122.361	37.7151				1747.97578	RS-700	-0.945394129
11217	9/4/2019 12:42:51		-122.361	37.7151				1869.19722	RS-700	-0.342302388
11218	9/4/2019 12:42:52		-122.361	37.7151				1984.71233	RS-700	0.232399652
11219	9/4/2019 12:42:53		-122.361	37.7151				1933.7889	RS-700	-0.020950746
11220	9/4/2019 12:42:54		-122.361	37.7151				1952.28692	RS-700	0.071079204
11221	9/4/2019 12:42:55		-122.361	37.7151				2010.62679	RS-700	0.361327313
11222	9/4/2019 12:42:56		-122.361	37.7151				1956.70173	RS-700	0.093043433
11223	9/4/2019 12:42:57		-122.361	37.7151				1876.67166	RS-700	-0.305116119

Gamma Scan Survey Results
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SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
11224	9/4/2019 12:42:58		-122.361	37.7151				1937.87167	RS-700	-0.000638458
11225	9/4/2019 12:42:59		-122.361	37.7151				2002.71329	RS-700	0.321956667
11226	9/4/2019 12:43:00		-122.361	37.7151				1968.50767	RS-700	0.151779453
11227	9/4/2019 12:43:01		-122.361	37.7151				1944.60461	RS-700	0.032858756
11228	9/4/2019 12:43:02		-122.361	37.7151				1947.15548	RS-700	0.045549652
11229	9/4/2019 12:43:03		-122.361	37.7151				1829.93128	RS-700	-0.537655323
11230	9/4/2019 12:43:04		-122.361	37.7151				1896.39445	RS-700	-0.206992786
11231	9/4/2019 12:43:05		-122.361	37.7151				1827.85387	RS-700	-0.547990697
11232	9/4/2019 12:43:06		-122.361	37.7151				1793.74605	RS-700	-0.717681343
11233	9/4/2019 12:43:07		-122.361	37.7151				1881.29211	RS-700	-0.282128806
11234	9/4/2019 12:43:08		-122.361	37.7151				1868.57385	RS-700	-0.345403731
11235	9/4/2019 12:43:09		-122.361	37.7151				1944.08189	RS-700	0.030258159
11236	9/4/2019 12:43:10		-122.361	37.7151				1844.38184	RS-700	-0.46576199
11237	9/4/2019 12:43:11		-122.361	37.7151				1897.86408	RS-700	-0.199681194
11238	9/4/2019 12:43:12		-122.361	37.7151				1845.10032	RS-700	-0.462187463
11239	9/4/2019 12:43:13		-122.361	37.7151				1924.98101	RS-700	-0.064771095
11240	9/4/2019 12:43:14		-122.361	37.7151				1838.75773	RS-700	-0.493742637
11241	9/4/2019 12:43:15		-122.361	37.7151				1904.5815	RS-700	-0.166261194
11242	9/4/2019 12:43:16		-122.361	37.7151				1915.97584	RS-700	-0.109572935
11243	9/4/2019 12:43:17		-122.361	37.7151				1953.99286	RS-700	0.079566468
11244	9/4/2019 12:43:18		-122.361	37.7151				1962.60231	RS-700	0.122399552
11245	9/4/2019 12:43:19		-122.361	37.7151				1882.95373	RS-700	-0.27386204
11246	9/4/2019 12:43:20		-122.361	37.7151				1909.96815	RS-700	-0.13946194
11247	9/4/2019 12:43:21		-122.361	37.7151				1921.68495	RS-700	-0.081169403
11248	9/4/2019 12:43:22		-122.361	37.715				1982.60371	RS-700	0.221909005
11249	9/4/2019 12:43:23		-122.361	37.715				1936.98861	RS-700	-0.005031791
11250	9/4/2019 12:43:24		-122.361	37.715				1898.53302	RS-700	-0.196353134
11251	9/4/2019 12:43:25		-122.361	37.715				1886.77165	RS-700	-0.254867413
11252	9/4/2019 12:43:26		-122.361	37.715				1827.66166	RS-700	-0.548946965
11253	9/4/2019 12:43:27		-122.361	37.715				1821.55892	RS-700	-0.579308856
11254	9/4/2019 12:43:28		-122.361	37.715				1925.39739	RS-700	-0.062699552
11255	9/4/2019 12:43:29		-122.361	37.715				1815.55957	RS-700	-0.609156368
11256	9/4/2019 12:43:30		-122.361	37.715				1805.64581	RS-700	-0.658478557
11257	9/4/2019 12:43:31		-122.361	37.715				1987.99688	RS-700	0.248740697
11258	9/4/2019 12:43:32		-122.361	37.715				1906.40867	RS-700	-0.157170796
11259	9/4/2019 12:43:33		-122.361	37.715				1948.60004	RS-700	0.052736517
11260	9/4/2019 12:43:34		-122.361	37.715				1932.3047	RS-700	-0.028334826
11261	9/4/2019 12:43:35		-122.361	37.715				1985.69679	RS-700	0.237297463
11262	9/4/2019 12:43:36		-122.361	37.715				1876.85884	RS-700	-0.304184876
11263	9/4/2019 12:43:37		-122.361	37.715				1745.44642	RS-700	-0.95797801
11264	9/4/2019 12:43:38		-122.361	37.715				1798.73164	RS-700	-0.692877413
11265	9/4/2019 12:43:39		-122.361	37.715				1855.56816	RS-700	-0.410108657
11266	9/4/2019 12:43:40		-122.361	37.715				1927.39254	RS-700	-0.052773433
11267	9/4/2019 12:43:41		-122.361	37.715				1901.66302	RS-700	-0.180780995
11268	9/4/2019 12:43:42		-122.361	37.7149				2004.22654	RS-700	0.329485274
11269	9/4/2019 12:43:43		-122.361	37.7149				2002.61212	RS-700	0.321453333
11270	9/4/2019 12:43:44		-122.361	37.7149				1898.48513	RS-700	-0.196591393
11271	9/4/2019 12:43:45		-122.361	37.7149				1875.76509	RS-700	-0.309626418
11272	9/4/2019 12:43:46		-122.361	37.7149				1897.39264	RS-700	-0.202026667
11273	9/4/2019 12:43:47		-122.361	37.7149				1854.94741	RS-700	-0.413196965
11274	9/4/2019 12:43:48		-122.361	37.7149				1921.48149	RS-700	-0.082181642
11275	9/4/2019 12:43:49		-122.361	37.7149				1743.3607	RS-700	-0.968354726
11276	9/4/2019 12:43:50		-122.361	37.7149				1611.42873	RS-700	-1.624732687
11277	9/4/2019 12:43:51		-122.361	37.7149				1557.46491	RS-700	-1.893209403
11278	9/4/2019 12:43:52		-122.361	37.7149				1453.30583	RS-700	-2.411413781
11279	9/4/2019 12:43:53		-122.361	37.7149				1149.28965	RS-700	-3.92393209
11280	9/4/2019 12:43:54		-122.361	37.7149				1173.47511	RS-700	-3.803606418
11281	9/4/2019 12:43:55		-122.361	37.7149				1541.47301	RS-700	-1.972771095
11282	9/4/2019 12:43:56		-122.361	37.7149				1811.46709	RS-700	-0.629516965
11283	9/4/2019 12:43:57		-122.361	37.7149				2112.07174	RS-700	0.866028557
11284	9/4/2019 12:43:58		-122.361	37.7149				1812.37347	RS-700	-0.625007612

Gamma Scan Survey Results
Survey Unit 5 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
11285	9/4/2019 12:43:59		-122.361	37.7149				1873.29538	RS-700	-0.321913532
11286	9/4/2019 12:44:00		-122.361	37.7149				1824.47003	RS-700	-0.564825721
11287	9/4/2019 12:44:01		-122.361	37.7149				1897.86564	RS-700	-0.199673433
11288	9/4/2019 12:44:02		-122.361	37.7149				1870.47931	RS-700	-0.335923831
11289	9/4/2019 12:44:03		-122.361	37.7149				1773.63409	RS-700	-0.817740846
11290	9/4/2019 12:44:04		-122.361	37.7148				1862.7574	RS-700	-0.374341294
11291	9/4/2019 12:44:05		-122.361	37.7148				1905.39526	RS-700	-0.162212637
11292	9/4/2019 12:44:06		-122.361	37.7148				1945.50091	RS-700	0.03731796
11293	9/4/2019 12:44:07		-122.361	37.7148				1936.88567	RS-700	-0.00554393
11294	9/4/2019 12:44:08		-122.361	37.7148				1937.78061	RS-700	-0.001091493
11295	9/4/2019 12:44:09		-122.361	37.7148				1930.68082	RS-700	-0.036413831
11296	9/4/2019 12:44:10		-122.361	37.7148				1924.59218	RS-700	-0.066705572
11297	9/4/2019 12:44:11		-122.361	37.7148				1978.11249	RS-700	0.199564627
11298	9/4/2019 12:44:12		-122.361	37.7148				1904.76156	RS-700	-0.165365373
11299	9/4/2019 12:44:13		-122.361	37.7148				1983.70596	RS-700	0.227392836
11300	9/4/2019 12:44:14		-122.361	37.7148				1863.75826	RS-700	-0.369361891
11301	9/4/2019 12:44:15		-122.361	37.7148				1925.78912	RS-700	-0.060750647
11302	9/4/2019 12:44:16		-122.361	37.7148				2022.12661	RS-700	0.418540348
11303	9/4/2019 12:44:17		-122.361	37.7148				2000.91411	RS-700	0.313005522
11304	9/4/2019 12:44:18		-122.361	37.7148				2133.65621	RS-700	0.97341398
11305	9/4/2019 12:44:19		-122.361	37.7148				2027.12686	RS-700	0.443417214
11306	9/4/2019 12:44:20		-122.361	37.7148				2035.52842	RS-700	0.48521602
11307	9/4/2019 12:44:21		-122.361	37.7148				2019.51248	RS-700	0.405534726
11308	9/4/2019 12:44:22		-122.361	37.7148				2072.73765	RS-700	0.670336567
11309	9/4/2019 12:44:23		-122.361	37.7148				2083.43724	RS-700	0.723568358
11310	9/4/2019 12:44:24		-122.361	37.7148				2090.95783	RS-700	0.760984229
11311	9/4/2019 12:44:25		-122.361	37.7148				2033.92941	RS-700	0.477260746
11312	9/4/2019 12:44:26		-122.361	37.7148				2007.61605	RS-700	0.346348507
11313	9/4/2019 12:44:27		-122.361	37.7148				2092.63215	RS-700	0.769314179
11314	9/4/2019 12:44:28		-122.361	37.7148				1965.79599	RS-700	0.138288507
11315	9/4/2019 12:44:29		-122.361	37.7148				1954.79785	RS-700	0.083571393
11316	9/4/2019 12:44:30		-122.361	37.7148				1893.67017	RS-700	-0.220546418
11317	9/4/2019 12:44:31		-122.361	37.7148				1920.49328	RS-700	-0.087098109
11318	9/4/2019 12:44:32		-122.361	37.7148				1931.59964	RS-700	-0.031842587
11319	9/4/2019 12:44:33		-122.361	37.7147				1927.5871	RS-700	-0.051805473
11320	9/4/2019 12:44:34		-122.361	37.7147				1968.00467	RS-700	0.149276965
11321	9/4/2019 12:44:35		-122.361	37.7147				1842.48268	RS-700	-0.475210547
11322	9/4/2019 12:44:36		-122.361	37.7147				1946.88794	RS-700	0.044218607
11323	9/4/2019 12:44:37		-122.361	37.7147				1959.69349	RS-700	0.107927811
11324	9/4/2019 12:44:38		-122.361	37.7147				1928.874	RS-700	-0.045402985
11325	9/4/2019 12:44:39		-122.361	37.7147				1847.93784	RS-700	-0.448070448
11326	9/4/2019 12:44:40		-122.361	37.7147				1936.98379	RS-700	-0.005055771
11327	9/4/2019 12:44:41		-122.361	37.7147				1865.57259	RS-700	-0.360335373
11328	9/4/2019 12:44:42		-122.361	37.7147				1904.48136	RS-700	-0.166759403
11329	9/4/2019 12:44:43		-122.361	37.7147				1781.07637	RS-700	-0.780714577
11330	9/4/2019 12:44:44		-122.361	37.7147				1786.81476	RS-700	-0.752165373
11331	9/4/2019 12:44:45		-122.361	37.7147				1848.57315	RS-700	-0.444909701
11332	9/4/2019 12:44:46		-122.361	37.7147				1766.62355	RS-700	-0.852619154
11333	9/4/2019 12:44:47		-122.361	37.7147				1885.857	RS-700	-0.25941791
11334	9/4/2019 12:44:48		-122.361	37.7147				1833.7633	RS-700	-0.518590547
11335	9/4/2019 12:44:49		-122.361	37.7147				1766.99259	RS-700	-0.850783134
11336	9/4/2019 12:44:50		-122.361	37.7147				1823.37721	RS-700	-0.570262637
11337	9/4/2019 12:44:51		-122.361	37.7147				1874.38563	RS-700	-0.316489403
11338	9/4/2019 12:44:52		-122.361	37.7147				1979.90481	RS-700	0.208481642
11339	9/4/2019 12:44:53		-122.361	37.7147				1982.40058	RS-700	0.220898408
11340	9/4/2019 12:44:54		-122.361	37.7147				1983.70943	RS-700	0.2274101
11341	9/4/2019 12:44:55		-122.361	37.7147				1977.00513	RS-700	0.194055373
11342	9/4/2019 12:44:56		-122.361	37.7147				1907.78402	RS-700	-0.150328259
11343	9/4/2019 12:44:57		-122.361	37.7147				2008.11986	RS-700	0.348855025
11344	9/4/2019 12:44:58		-122.361	37.7147				1880.57828	RS-700	-0.285680199
11345	9/4/2019 12:44:59		-122.361	37.7146				1937.49971	RS-700	-0.002489005

Gamma Scan Survey Results
Survey Unit 5 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
11346	9/4/2019 12:45:00		-122.361	37.7146				1911.87815	RS-700	-0.129959453
11347	9/4/2019 12:45:01		-122.361	37.7146				1894.67964	RS-700	-0.215524179
11348	9/4/2019 12:45:02		-122.361	37.7146				1776.28099	RS-700	-0.804572189
11349	9/4/2019 12:45:03		-122.361	37.7146				1849.19613	RS-700	-0.441810299
11350	9/4/2019 12:45:04		-122.361	37.7146				1932.08393	RS-700	-0.029433184
11351	9/4/2019 12:45:05		-122.361	37.7146				1883.74454	RS-700	-0.269927662
11352	9/4/2019 12:45:06		-122.361	37.7146				1946.49581	RS-700	0.042267711
11353	9/4/2019 12:45:07		-122.361	37.7146				1829.46616	RS-700	-0.539969353
11354	9/4/2019 12:45:08		-122.361	37.7146				1859.47691	RS-700	-0.390662139
11355	9/4/2019 12:45:09		-122.361	37.7146				1882.57679	RS-700	-0.275737363
11356	9/4/2019 12:45:10		-122.361	37.7146				1918.87621	RS-700	-0.095143234
11357	9/4/2019 12:45:11		-122.361	37.7146				1818.92467	RS-700	-0.592414577
11358	9/4/2019 12:45:12		-122.361	37.7146				1950.68959	RS-700	0.063132289
11359	9/4/2019 12:45:13		-122.361	37.7146				1944.79131	RS-700	0.033787612
11360	9/4/2019 12:45:14		-122.361	37.7146				1946.80329	RS-700	0.043797463
11361	9/4/2019 12:45:15		-122.361	37.7146				1927.39738	RS-700	-0.052749353
11362	9/4/2019 12:45:16		-122.361	37.7146				1894.77153	RS-700	-0.215067015
11363	9/4/2019 12:45:17		-122.36	37.7146				1968.60331	RS-700	0.152255274
11364	9/4/2019 12:45:18		-122.36	37.7146				1966.09997	RS-700	0.139800846
11365	9/4/2019 12:45:19		-122.36	37.7146				1941.78958	RS-700	0.018853632
11366	9/4/2019 12:45:20		-122.36	37.7146				1905.0588	RS-700	-0.163886567
11367	9/4/2019 12:45:21		-122.36	37.7146				1899.86869	RS-700	-0.18970801
11368	9/4/2019 12:45:22		-122.36	37.7146				1873.49844	RS-700	-0.320903284
11369	9/4/2019 12:45:23		-122.36	37.7146				1798.72764	RS-700	-0.692897313
11370	9/4/2019 12:45:24		-122.36	37.7145				1887.6768	RS-700	-0.250364179
11371	9/4/2019 12:45:25		-122.36	37.7145				1866.47814	RS-700	-0.355830149
11372	9/4/2019 12:45:26		-122.36	37.7145				1959.69968	RS-700	0.107958607
11373	9/4/2019 12:45:27		-122.36	37.7145				1890.67464	RS-700	-0.235449552
11374	9/4/2019 12:45:28		-122.36	37.7145				1953.59285	RS-700	0.077576368
11375	9/4/2019 12:45:29		-122.36	37.7145				1891.86941	RS-700	-0.229505423
11376	9/4/2019 12:45:30		-122.36	37.7145				1888.03865	RS-700	-0.24856393
11377	9/4/2019 12:45:31		-122.36	37.7145				1774.36551	RS-700	-0.81410194
11378	9/4/2019 12:45:32		-122.36	37.7145				1951.703	RS-700	0.068174129
11379	9/4/2019 12:45:33		-122.36	37.7145				2032.13638	RS-700	0.468340199
11380	9/4/2019 12:45:34		-122.36	37.7145				2000.51039	RS-700	0.310996965
11381	9/4/2019 12:45:35		-122.36	37.7145				1953.68949	RS-700	0.078057164
11382	9/4/2019 12:45:36		-122.36	37.7145				1881.86539	RS-700	-0.279276667
11383	9/4/2019 12:45:37		-122.36	37.7145				1898.86701	RS-700	-0.194691493
11384	9/4/2019 12:45:38		-122.36	37.7145				1956.19278	RS-700	0.090511343
11385	9/4/2019 12:45:39		-122.36	37.7145				1910.06464	RS-700	-0.138981891
11386	9/4/2019 12:45:40		-122.36	37.7145				1852.93907	RS-700	-0.423188706
11387	9/4/2019 12:45:41		-122.36	37.7145				1872.1983	RS-700	-0.327371642
11388	9/4/2019 12:45:42		-122.36	37.7145				1811.73436	RS-700	-0.628187264
11389	9/4/2019 12:45:43		-122.36	37.7145				1856.73418	RS-700	-0.404307562
11390	9/4/2019 12:45:44		-122.36	37.7145				1908.58588	RS-700	-0.146338905
11391	9/4/2019 12:45:45		-122.36	37.7145				1887.48948	RS-700	-0.251296119
11392	9/4/2019 12:45:46		-122.36	37.7145				1867.66715	RS-700	-0.349914677
11393	9/4/2019 12:45:47		-122.36	37.7145				1820.37661	RS-700	-0.585190995
11394	9/4/2019 12:45:48		-122.36	37.7145				1802.46427	RS-700	-0.674307114
11395	9/4/2019 12:45:49		-122.36	37.7145				1736.53313	RS-700	-1.002322736
11396	9/4/2019 12:45:50		-122.36	37.7145				1869.04347	RS-700	-0.343067313
11397	9/4/2019 12:45:51		-122.36	37.7145				1929.6912	RS-700	-0.041337313
11398	9/4/2019 12:45:52		-122.36	37.7145				1851.93642	RS-700	-0.428177015
11399	9/4/2019 12:45:53		-122.36	37.7144				1884.38779	RS-700	-0.266727413
11400	9/4/2019 12:45:54		-122.36	37.7144				1825.38586	RS-700	-0.560269353
11401	9/4/2019 12:45:55		-122.36	37.7144				1862.666	RS-700	-0.37479602
11402	9/4/2019 12:45:56		-122.36	37.7144				1812.83255	RS-700	-0.622723632
11403	9/4/2019 12:45:57		-122.36	37.7144				1760.54034	RS-700	-0.882883881
11404	9/4/2019 12:45:58		-122.36	37.7144				1774.36901	RS-700	-0.814084527
11405	9/4/2019 12:45:59		-122.36	37.7144				1823.65006	RS-700	-0.568905174
11406	9/4/2019 12:46:00		-122.36	37.7144				1804.73228	RS-700	-0.663023483

Gamma Scan Survey Results
Survey Unit 5 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
11407	9/4/2019 12:46:01		-122.36	37.7144				1789.46405	RS-700	-0.738984826
11408	9/4/2019 12:46:02		-122.36	37.7144				1734.87226	RS-700	-1.010585771
11409	9/4/2019 12:46:03		-122.36	37.7144				1768.45473	RS-700	-0.843508806
11410	9/4/2019 12:46:04		-122.36	37.7144				1819.46228	RS-700	-0.5897399
11411	9/4/2019 12:46:05		-122.36	37.7144				1843.19112	RS-700	-0.47168597
11412	9/4/2019 12:46:06		-122.36	37.7144				1827.74364	RS-700	-0.548539104
11413	9/4/2019 12:46:07		-122.36	37.7144				1819.01133	RS-700	-0.591983433
11414	9/4/2019 12:46:08		-122.36	37.7144				1808.91672	RS-700	-0.642205373
11415	9/4/2019 12:46:09		-122.36	37.7144				1783.45872	RS-700	-0.76886209
11416	9/4/2019 12:46:10		-122.36	37.7144				1801.19181	RS-700	-0.680637761
11417	9/4/2019 12:46:11		-122.36	37.7144				1746.79682	RS-700	-0.951259602
11418	9/4/2019 12:46:12		-122.36	37.7144				1833.67597	RS-700	-0.519025025
11419	9/4/2019 12:46:13		-122.36	37.7144				1816.65216	RS-700	-0.603720597
11420	9/4/2019 12:46:14		-122.36	37.7144				1828.56854	RS-700	-0.544435124
11421	9/4/2019 12:46:15		-122.36	37.7144				1736.53028	RS-700	-1.002336915
11422	9/4/2019 12:46:16		-122.36	37.7144				1772.54443	RS-700	-0.82316204
11423	9/4/2019 12:46:17		-122.36	37.7144				1845.94308	RS-700	-0.457994627
11424	9/4/2019 12:46:18		-122.36	37.7144				1774.45727	RS-700	-0.813645423
11425	9/4/2019 12:46:19		-122.36	37.7144				1798.63782	RS-700	-0.693344179
11426	9/4/2019 12:46:20		-122.36	37.7144				1879.95378	RS-700	-0.288787164
11427	9/4/2019 12:46:21		-122.36	37.7144				1775.81321	RS-700	-0.806899453
11428	9/4/2019 12:46:22		-122.36	37.7143				1831.37962	RS-700	-0.530449652
11429	9/4/2019 12:46:23		-122.36	37.7143				1801.37552	RS-700	-0.679723781
11430	9/4/2019 12:46:24		-122.36	37.7143				1820.64712	RS-700	-0.583845174
11431	9/4/2019 12:46:25		-122.36	37.7144				1933.49491	RS-700	-0.022413383
11432	9/4/2019 12:46:26		-122.36	37.7144				1780.71878	RS-700	-0.782493632
11433	9/4/2019 12:46:27		-122.36	37.7144				1782.63608	RS-700	-0.772954826
11434	9/4/2019 12:46:28		-122.36	37.7144				1846.56655	RS-700	-0.454892786
11435	9/4/2019 12:46:29		-122.36	37.7144				1777.2804	RS-700	-0.7996
11436	9/4/2019 12:46:30		-122.36	37.7144				1787.7243	RS-700	-0.747640299
11437	9/4/2019 12:46:31		-122.36	37.7144				1882.96589	RS-700	-0.273801542
11438	9/4/2019 12:46:32		-122.36	37.7144				1786.45967	RS-700	-0.75393199
11439	9/4/2019 12:46:33		-122.36	37.7144				1811.55464	RS-700	-0.629081393
11440	9/4/2019 12:46:34		-122.36	37.7144				1768.4626	RS-700	-0.843469652
11441	9/4/2019 12:46:35		-122.36	37.7144				1862.9436	RS-700	-0.373414925
11442	9/4/2019 12:46:36		-122.36	37.7144				1843.84633	RS-700	-0.468426219
11443	9/4/2019 12:46:37		-122.36	37.7144				1843.47144	RS-700	-0.470291343
11444	9/4/2019 12:46:38		-122.36	37.7144				1799.55145	RS-700	-0.688798756
11445	9/4/2019 12:46:39		-122.36	37.7144				1783.63614	RS-700	-0.767979403
11446	9/4/2019 12:46:40		-122.36	37.7144				1908.87292	RS-700	-0.144910846
11447	9/4/2019 12:46:41		-122.36	37.7144				1843.29035	RS-700	-0.471192289
11448	9/4/2019 12:46:42		-122.36	37.7144				1906.96631	RS-700	-0.154396468
11449	9/4/2019 12:46:43		-122.36	37.7144				1839.56506	RS-700	-0.48972607
11450	9/4/2019 12:46:44		-122.36	37.7144				1753.2766	RS-700	-0.919021891
11451	9/4/2019 12:46:45		-122.36	37.7144				1849.66407	RS-700	-0.439482239
11452	9/4/2019 12:46:46		-122.36	37.7144				1836.5661	RS-700	-0.504646269
11453	9/4/2019 12:46:47		-122.36	37.7144				1742.62272	RS-700	-0.972026269
11454	9/4/2019 12:46:48		-122.36	37.7145				1819.46539	RS-700	-0.589724428
11455	9/4/2019 12:46:49		-122.36	37.7145				1879.32721	RS-700	-0.291904428
11456	9/4/2019 12:46:50		-122.36	37.7145				1912.99552	RS-700	-0.124400398
11457	9/4/2019 12:46:51		-122.36	37.7145				1881.3977	RS-700	-0.281603483
11458	9/4/2019 12:46:52		-122.36	37.7145				1745.27518	RS-700	-0.95882995
11459	9/4/2019 12:46:53		-122.36	37.7145				1802.46073	RS-700	-0.674324726
11460	9/4/2019 12:46:54		-122.36	37.7145				1844.75839	RS-700	-0.463888607
11461	9/4/2019 12:46:55		-122.36	37.7145				1849.56641	RS-700	-0.439968109
11462	9/4/2019 12:46:56		-122.36	37.7145				1956.79706	RS-700	0.093517711
11463	9/4/2019 12:46:57		-122.36	37.7145				1859.75447	RS-700	-0.389281244
11464	9/4/2019 12:46:58		-122.36	37.7145				1911.25587	RS-700	-0.133055373
11465	9/4/2019 12:46:59		-122.36	37.7145				1902.60856	RS-700	-0.176076816
11466	9/4/2019 12:47:00		-122.36	37.7145				1950.99183	RS-700	0.06463597
11467	9/4/2019 12:47:01		-122.36	37.7145				1860.57132	RS-700	-0.385217313

Gamma Scan Survey Results
Survey Unit 5 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
11468	9/4/2019 12:47:02		-122.36	37.7145				1855.28939	RS-700	-0.411495572
11469	9/4/2019 12:47:03		-122.36	37.7145				1844.74531	RS-700	-0.463953682
11470	9/4/2019 12:47:04		-122.36	37.7145				1957.40511	RS-700	0.096542836
11471	9/4/2019 12:47:05		-122.36	37.7145				1924.68653	RS-700	-0.066236169
11472	9/4/2019 12:47:06		-122.36	37.7145				1816.74427	RS-700	-0.603262338
11473	9/4/2019 12:47:07		-122.36	37.7146				1739.53328	RS-700	-0.987396617
11474	9/4/2019 12:47:08		-122.36	37.7146				1786.64239	RS-700	-0.753022935
11475	9/4/2019 12:47:09		-122.36	37.7146				1828.74517	RS-700	-0.543556368
11476	9/4/2019 12:47:10		-122.36	37.7146				1729.86589	RS-700	-1.035493085
11477	9/4/2019 12:47:11		-122.36	37.7146				1801.37303	RS-700	-0.679736169
11478	9/4/2019 12:47:12		-122.36	37.7146				1766.63315	RS-700	-0.852571393
11479	9/4/2019 12:47:13		-122.36	37.7146				1734.35075	RS-700	-1.013180348
11480	9/4/2019 12:47:14		-122.36	37.7146				1775.98812	RS-700	-0.806029254
11481	9/4/2019 12:47:15		-122.36	37.7146				1922.59261	RS-700	-0.076653682
11482	9/4/2019 12:47:16		-122.36	37.7146				1802.28818	RS-700	-0.675183184
11483	9/4/2019 12:47:17		-122.36	37.7146				1899.05752	RS-700	-0.193743682
11484	9/4/2019 12:47:18		-122.36	37.7146				1820.83427	RS-700	-0.58291408
11485	9/4/2019 12:47:19		-122.36	37.7146				1830.8389	RS-700	-0.533139801
11486	9/4/2019 12:47:20		-122.36	37.7146				1786.45823	RS-700	-0.753939154
11487	9/4/2019 12:47:21		-122.36	37.7146				1780.53302	RS-700	-0.783417811
11488	9/4/2019 12:47:22		-122.36	37.7146				1869.76159	RS-700	-0.339494577
11489	9/4/2019 12:47:23		-122.36	37.7146				1824.3764	RS-700	-0.565291542
11490	9/4/2019 12:47:24		-122.36	37.7146				1753.5392	RS-700	-0.917715423
11491	9/4/2019 12:47:25		-122.36	37.7146				1785.3727	RS-700	-0.759339801
11492	9/4/2019 12:47:26		-122.36	37.7146				1821.73418	RS-700	-0.578436915
11493	9/4/2019 12:47:27		-122.36	37.7146				1813.55732	RS-700	-0.619117811
11494	9/4/2019 12:47:28		-122.36	37.7146				1832.65123	RS-700	-0.524123234
11495	9/4/2019 12:47:29		-122.36	37.7146				1881.86064	RS-700	-0.279300299
11496	9/4/2019 12:47:30		-122.36	37.7146				1921.60639	RS-700	-0.081560249
11497	9/4/2019 12:47:31		-122.36	37.7146				1873.46878	RS-700	-0.321050846
11498	9/4/2019 12:47:32		-122.36	37.7146				1862.85244	RS-700	-0.373868458
11499	9/4/2019 12:47:33		-122.36	37.7146				1965.79958	RS-700	0.138306368
11500	9/4/2019 12:47:34		-122.36	37.7146				1876.48289	RS-700	-0.306055274
11501	9/4/2019 12:47:35		-122.36	37.7146				1953.98599	RS-700	0.079532289
11502	9/4/2019 12:47:36		-122.36	37.7146				1842.84209	RS-700	-0.473422438
11503	9/4/2019 12:47:37		-122.36	37.7146				1942.40457	RS-700	0.021913284
11504	9/4/2019 12:47:38		-122.36	37.7146				1893.76481	RS-700	-0.220075572
11505	9/4/2019 12:47:39		-122.36	37.7146				1880.95315	RS-700	-0.283815174
11506	9/4/2019 12:47:40		-122.36	37.7146				1816.45494	RS-700	-0.604701791
11507	9/4/2019 12:47:41		-122.36	37.7146				1414.42738	RS-700	-2.604838905
11508	9/4/2019 12:47:42		-122.36	37.7146				1626.59006	RS-700	-1.549303184
11509	9/4/2019 12:47:43		-122.36	37.7146				1900.4855	RS-700	-0.186639303
11510	9/4/2019 12:47:44		-122.36	37.7146				1837.38383	RS-700	-0.50057796
11511	9/4/2019 12:47:45		-122.36	37.7146				1917.58925	RS-700	-0.10154602
11512	9/4/2019 12:47:46		-122.36	37.7146				1934.59394	RS-700	-0.016945572
11513	9/4/2019 12:47:47		-122.36	37.7146				1870.75917	RS-700	-0.334531493
11514	9/4/2019 12:47:48		-122.36	37.7146				1885.94796	RS-700	-0.258965373
11515	9/4/2019 12:47:49		-122.36	37.7146				1875.04883	RS-700	-0.3131899
11516	9/4/2019 12:47:50		-122.36	37.7146				1969.50257	RS-700	0.156729204
11517	9/4/2019 12:47:51		-122.36	37.7146				1825.47211	RS-700	-0.559840249
11518	9/4/2019 12:47:52		-122.36	37.7147				1820.74837	RS-700	-0.583341443
11519	9/4/2019 12:47:53		-122.36	37.7147				1753.36518	RS-700	-0.918581194
11520	9/4/2019 12:47:54		-122.36	37.7147				1817.93788	RS-700	-0.59732398
11521	9/4/2019 12:47:55		-122.36	37.7147				1849.83559	RS-700	-0.438628905
11522	9/4/2019 12:47:56		-122.36	37.7147				1856.38529	RS-700	-0.406043333
11523	9/4/2019 12:47:57		-122.36	37.7147				1905.33243	RS-700	-0.162525224
11524	9/4/2019 12:47:58		-122.36	37.7147				1927.59266	RS-700	-0.051777811
11525	9/4/2019 12:47:59		-122.36	37.7147				1853.56844	RS-700	-0.420057512
11526	9/4/2019 12:48:00		-122.36	37.7147				1915.58811	RS-700	-0.11150194
11527	9/4/2019 12:48:01		-122.36	37.7147				1948.59876	RS-700	0.052730149
11528	9/4/2019 12:48:02		-122.36	37.7147				1954.99386	RS-700	0.084546567

Gamma Scan Survey Results
Survey Unit 5 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
11529	9/4/2019 12:48:03		-122.36	37.7147				1787.81835	RS-700	-0.747172388
11530	9/4/2019 12:48:04		-122.36	37.7147				1922.0611	RS-700	-0.07929801
11531	9/4/2019 12:48:05		-122.36	37.7147				1767.36476	RS-700	-0.848931542
11532	9/4/2019 12:48:06		-122.36	37.7147				1864.39064	RS-700	-0.366215721
11533	9/4/2019 12:48:07		-122.36	37.7147				1897.0545	RS-700	-0.203708955
11534	9/4/2019 12:48:08		-122.36	37.7147				1841.84316	RS-700	-0.478392239
11535	9/4/2019 12:48:09		-122.36	37.7147				1999.60695	RS-700	0.306502239
11536	9/4/2019 12:48:10		-122.361	37.7147				1920.78227	RS-700	-0.085660348
11537	9/4/2019 12:48:11		-122.361	37.7147				1971.60391	RS-700	0.167183632
11538	9/4/2019 12:48:12		-122.361	37.7147				1996.90964	RS-700	0.293082786
11539	9/4/2019 12:48:13		-122.361	37.7148				1920.39536	RS-700	-0.087585274
11540	9/4/2019 12:48:14		-122.361	37.7148				1984.00929	RS-700	0.22890194
11541	9/4/2019 12:48:15		-122.361	37.7148				2063.47457	RS-700	0.624251592
11542	9/4/2019 12:48:16		-122.361	37.7148				1956.59431	RS-700	0.092509005
11543	9/4/2019 12:48:17		-122.361	37.7148				1873.48304	RS-700	-0.3209799
11544	9/4/2019 12:48:18		-122.361	37.7148				1968.5964	RS-700	0.152220896
11545	9/4/2019 12:48:19		-122.361	37.7148				1975.61757	RS-700	0.18715209
11546	9/4/2019 12:48:20		-122.361	37.7148				1869.03095	RS-700	-0.343129602
11547	9/4/2019 12:48:21		-122.361	37.7148				1865.29727	RS-700	-0.361705124
11548	9/4/2019 12:48:22		-122.361	37.7148				1858.84954	RS-700	-0.393783383
11549	9/4/2019 12:48:23		-122.361	37.7148				1762.17725	RS-700	-0.87474005
11550	9/4/2019 12:48:24		-122.361	37.7148				1879.51656	RS-700	-0.290962388
11551	9/4/2019 12:48:25		-122.361	37.7148				1925.26383	RS-700	-0.06336403
11552	9/4/2019 12:48:26		-122.361	37.7148				1776.4548	RS-700	-0.803707463
11553	9/4/2019 12:48:27		-122.361	37.7148				1880.37745	RS-700	-0.286679353
11554	9/4/2019 12:48:28		-122.361	37.7148				1945.99548	RS-700	0.039778507
11555	9/4/2019 12:48:29		-122.361	37.7148				2021.82722	RS-700	0.417050846
11556	9/4/2019 12:48:30		-122.361	37.7148				1945.59617	RS-700	0.037791891
11557	9/4/2019 12:48:31		-122.361	37.7148				1982.8039	RS-700	0.222904975
11558	9/4/2019 12:48:32		-122.361	37.7148				1955.6795	RS-700	0.087957711
11559	9/4/2019 12:48:33		-122.361	37.7148				2070.94563	RS-700	0.661421045
11560	9/4/2019 12:48:34		-122.361	37.7148				1979.60938	RS-700	0.207011841
11561	9/4/2019 12:48:35		-122.361	37.7148				2059.04788	RS-700	0.602228259
11562	9/4/2019 12:48:36		-122.361	37.7148				2017.92327	RS-700	0.397628209
11563	9/4/2019 12:48:37		-122.361	37.7149				2075.83572	RS-700	0.685749851
11564	9/4/2019 12:48:38		-122.361	37.7149				1919.69853	RS-700	-0.09105209
11565	9/4/2019 12:48:39		-122.361	37.7149				1908.58837	RS-700	-0.146326517
11566	9/4/2019 12:48:40		-122.361	37.7149				1897.48539	RS-700	-0.201565224
11567	9/4/2019 12:48:41		-122.361	37.7149				1967.90169	RS-700	0.148764627
11568	9/4/2019 12:48:42		-122.361	37.7149				1948.88289	RS-700	0.054143731
11569	9/4/2019 12:48:43		-122.361	37.7149				1894.6723	RS-700	-0.215560697
11570	9/4/2019 12:48:44		-122.361	37.7149				1979.61011	RS-700	0.207015473
11571	9/4/2019 12:48:45		-122.361	37.7149				2052.92662	RS-700	0.571774229
11572	9/4/2019 12:48:46		-122.361	37.7149				2004.51425	RS-700	0.330916667
11573	9/4/2019 12:48:47		-122.361	37.7149				2047.27453	RS-700	0.543654378
11574	9/4/2019 12:48:48		-122.361	37.7149				2061.05404	RS-700	0.612209154
11575	9/4/2019 12:48:49		-122.361	37.7149				1945.26361	RS-700	0.036137363
11576	9/4/2019 12:48:50		-122.361	37.7149				1936.99112	RS-700	-0.005019303
11577	9/4/2019 12:48:51		-122.361	37.7149				1974.50134	RS-700	0.181598706
11578	9/4/2019 12:48:52		-122.361	37.7149				2029.83756	RS-700	0.456903284
11579	9/4/2019 12:48:53		-122.361	37.7149				1994.61858	RS-700	0.281684478
11580	9/4/2019 12:48:54		-122.361	37.7149				1933.4976	RS-700	-0.0224
11581	9/4/2019 12:48:55		-122.361	37.7149				1982.70818	RS-700	0.222428756
11582	9/4/2019 12:48:56		-122.361	37.7149				1987.91223	RS-700	0.248319552
11583	9/4/2019 12:48:57		-122.361	37.7149				1913.7771	RS-700	-0.12051194
11584	9/4/2019 12:48:58		-122.361	37.7149				1806.56287	RS-700	-0.65391607
11585	9/4/2019 12:48:59		-122.361	37.7149				1888.66549	RS-700	-0.245445323
11586	9/4/2019 12:49:00		-122.361	37.715				1820.6559	RS-700	-0.583801493
11587	9/4/2019 12:49:01		-122.361	37.715				1837.74772	RS-700	-0.498767562
11588	9/4/2019 12:49:02		-122.361	37.715				1844.28751	RS-700	-0.466231294
11589	9/4/2019 12:49:03		-122.361	37.715				1889.43917	RS-700	-0.241596169

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SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
11590	9/4/2019 12:49:04		-122.361	37.715				1841.47545	RS-700	-0.480221642
11591	9/4/2019 12:49:05		-122.361	37.715				1998.81778	RS-700	0.30257602
11592	9/4/2019 12:49:06		-122.361	37.715				1790.81997	RS-700	-0.732238955
11593	9/4/2019 12:49:07		-122.361	37.715				1873.67628	RS-700	-0.320018507
11594	9/4/2019 12:49:08		-122.361	37.715				1498.61653	RS-700	-2.185987413
11595	9/4/2019 12:49:09		-122.361	37.715				1149.23723	RS-700	-3.924192886
11596	9/4/2019 12:49:10		-122.361	37.715				1666.33956	RS-700	-1.351544478
11597	9/4/2019 12:49:11		-122.361	37.715				1884.63873	RS-700	-0.265478955
11598	9/4/2019 12:49:12		-122.361	37.715				1811.6394	RS-700	-0.628659701
11599	9/4/2019 12:49:13		-122.361	37.715				1882.10707	RS-700	-0.278074279
11600	9/4/2019 12:49:14		-122.361	37.715				1917.87824	RS-700	-0.100108259
11601	9/4/2019 12:49:15		-122.361	37.715				1852.56393	RS-700	-0.425055075
11602	9/4/2019 12:49:16		-122.361	37.715				1960.50237	RS-700	0.11195209
11603	9/4/2019 12:49:17		-122.361	37.715				1916.49412	RS-700	-0.106994428
11604	9/4/2019 12:49:18		-122.361	37.715				1941.10565	RS-700	0.015450995
11605	9/4/2019 12:49:19		-122.361	37.715				1940.90006	RS-700	0.014428159
11606	9/4/2019 12:49:20		-122.361	37.715				1939.26529	RS-700	0.006294975
11607	9/4/2019 12:49:21		-122.361	37.715				1894.49146	RS-700	-0.216460398
11608	9/4/2019 12:49:22		-122.361	37.715				2027.13753	RS-700	0.443470299
11609	9/4/2019 12:49:23		-122.361	37.715				1997.51397	RS-700	0.296089403
11610	9/4/2019 12:49:24		-122.361	37.715				1946.69662	RS-700	0.043266766
11611	9/4/2019 12:49:25		-122.361	37.715				1995.82628	RS-700	0.287692935
11612	9/4/2019 12:49:26		-122.361	37.715				2042.00124	RS-700	0.517419104
11613	9/4/2019 12:49:27		-122.361	37.715				1947.79964	RS-700	0.048754428
11614	9/4/2019 12:49:28		-122.361	37.715				1971.09747	RS-700	0.16466403
11615	9/4/2019 12:49:29		-122.361	37.715				1973.70577	RS-700	0.177640647
11616	9/4/2019 12:49:30		-122.361	37.715				1849.75333	RS-700	-0.439038159
11617	9/4/2019 12:49:31		-122.361	37.715				1883.48347	RS-700	-0.271226517
11618	9/4/2019 12:49:32		-122.361	37.715				1851.57023	RS-700	-0.429998856
11619	9/4/2019 12:49:33		-122.361	37.715				1900.49029	RS-700	-0.186615473
11620	9/4/2019 12:49:34		-122.361	37.715				1926.78944	RS-700	-0.05577393
11621	9/4/2019 12:49:35		-122.361	37.715				1976.99893	RS-700	0.194024527
11622	9/4/2019 12:49:36		-122.361	37.715				1974.39781	RS-700	0.181083632
11623	9/4/2019 12:49:37		-122.361	37.715				1972.61549	RS-700	0.172216368
11624	9/4/2019 12:49:38		-122.361	37.715				1898.04519	RS-700	-0.198780149
11625	9/4/2019 12:49:39		-122.361	37.715				1878.86013	RS-700	-0.294228209
11626	9/4/2019 12:49:40		-122.361	37.715				1859.94319	RS-700	-0.388342338
11627	9/4/2019 12:49:41		-122.361	37.7151				1832.74589	RS-700	-0.523652289
11628	9/4/2019 12:49:42		-122.361	37.7151				1855.47435	RS-700	-0.410575373
11629	9/4/2019 12:49:43		-122.361	37.7151				1809.09257	RS-700	-0.641330498
11630	9/4/2019 12:49:44		-122.361	37.7151				1870.94885	RS-700	-0.333587811
11631	9/4/2019 12:49:45		-122.361	37.7151				1922.49344	RS-700	-0.077147065
11632	9/4/2019 12:49:46		-122.361	37.7151				1978.70739	RS-700	0.202524328
11633	9/4/2019 12:49:47		-122.361	37.7151				1828.55939	RS-700	-0.544480647
11634	9/4/2019 12:49:48		-122.361	37.7151				1818.47059	RS-700	-0.594673682
11635	9/4/2019 12:49:49		-122.361	37.7151				1773.63234	RS-700	-0.817749552
11636	9/4/2019 12:49:50		-122.361	37.7151				1878.39292	RS-700	-0.296552637
11637	9/4/2019 12:49:51		-122.361	37.7151				1896.67359	RS-700	-0.20560403
11638	9/4/2019 12:49:52		-122.361	37.7151				1892.86461	RS-700	-0.224554179
11639	9/4/2019 12:49:53		-122.361	37.7151				1939.5944	RS-700	0.007932338
11640	9/4/2019 12:49:54		-122.361	37.7151				1891.77271	RS-700	-0.229986517
11641	9/4/2019 12:49:55		-122.361	37.7151				2001.61502	RS-700	0.316492637
11642	9/4/2019 12:49:56		-122.361	37.7151				1882.86232	RS-700	-0.274316816
11643	9/4/2019 12:49:57		-122.361	37.7151				1794.72748	RS-700	-0.712798607
11644	9/4/2019 12:49:58		-122.361	37.7151				1903.76668	RS-700	-0.170315025
11645	9/4/2019 12:49:59		-122.361	37.7151				1978.71157	RS-700	0.202545124
11646	9/4/2019 12:50:00		-122.361	37.7151				1976.90144	RS-700	0.193539502
11647	9/4/2019 12:50:01		-122.361	37.7151				1925.68899	RS-700	-0.061248806
11648	9/4/2019 12:50:02		-122.361	37.7151				1852.47708	RS-700	-0.425487164
11649	9/4/2019 12:50:03		-122.361	37.7151				1861.85492	RS-700	-0.378831244
11650	9/4/2019 12:50:04		-122.361	37.7152				1878.48154	RS-700	-0.296111741

Gamma Scan Survey Results
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SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
11651	9/4/2019 12:50:05		-122.361	37.7152				1955.98979	RS-700	0.089501443
11652	9/4/2019 12:50:06		-122.361	37.7152				2026.41919	RS-700	0.439896468
11653	9/4/2019 12:50:07		-122.361	37.7152				1971.9935	RS-700	0.169121891
11654	9/4/2019 12:50:08		-122.361	37.7152				1795.46281	RS-700	-0.709140249
11655	9/4/2019 12:50:09		-122.361	37.7152				1800.36712	RS-700	-0.684740697
11656	9/4/2019 12:50:10		-122.361	37.7152				1805.62683	RS-700	-0.658572985
11657	9/4/2019 12:50:11		-122.361	37.7152				1784.54122	RS-700	-0.763476517
11658	9/4/2019 12:50:12		-122.361	37.7152				1838.29643	RS-700	-0.496037662
11659	9/4/2019 12:50:13		-122.361	37.7152				1897.7724	RS-700	-0.200137313
11660	9/4/2019 12:50:14		-122.361	37.7152				1924.78408	RS-700	-0.065750846
11661	9/4/2019 12:50:15		-122.361	37.7152				1755.0565	RS-700	-0.910166667
11662	9/4/2019 12:50:16		-122.361	37.7152				1433.36009	RS-700	-2.510646318
11663	9/4/2019 12:50:17		-122.361	37.7152				1253.29092	RS-700	-3.406512836
11664	9/4/2019 12:50:18		-122.361	37.7152				1341.48925	RS-700	-2.967715174
11665	9/4/2019 12:50:19		-122.361	37.7152				1785.07326	RS-700	-0.760829552
11666	9/4/2019 12:50:20		-122.361	37.7152				1775.27878	RS-700	-0.809558308
11667	9/4/2019 12:50:21		-122.361	37.7152				1859.35971	RS-700	-0.391245224
11668	9/4/2019 12:50:22		-122.361	37.7152				1777.71813	RS-700	-0.797422239
11669	9/4/2019 12:50:23		-122.361	37.7152				1779.54479	RS-700	-0.788334378
11670	9/4/2019 12:50:24		-122.361	37.7152				1707.86844	RS-700	-1.144933134
11671	9/4/2019 12:50:25		-122.361	37.7152				1696.61835	RS-700	-1.200903731
11672	9/4/2019 12:50:26		-122.361	37.7152				1815.55559	RS-700	-0.609176169
11673	9/4/2019 12:50:27		-122.361	37.7152				1832.02014	RS-700	-0.527262985
11674	9/4/2019 12:50:28		-122.361	37.7153				1835.19546	RS-700	-0.511465373
11675	9/4/2019 12:50:29		-122.361	37.7153				1826.65248	RS-700	-0.553967761
11676	9/4/2019 12:50:30		-122.361	37.7153				1914.88018	RS-700	-0.11502398
11677	9/4/2019 12:50:31		-122.361	37.7153				1827.82644	RS-700	-0.548127164
11678	9/4/2019 12:50:32		-122.361	37.7153				1798.63833	RS-700	-0.693341642
11679	9/4/2019 12:50:33		-122.361	37.7153				1838.93244	RS-700	-0.492873433
11680	9/4/2019 12:50:34		-122.361	37.7153				1857.5714	RS-700	-0.400142289
11681	9/4/2019 12:50:35		-122.361	37.7153				1822.84252	RS-700	-0.572922786
11682	9/4/2019 12:50:36		-122.361	37.7153				1857.03554	RS-700	-0.402808259
11683	9/4/2019 12:50:37		-122.361	37.7153				1883.85153	RS-700	-0.269395373
11684	9/4/2019 12:50:38		-122.361	37.7153				1852.66372	RS-700	-0.424558607
11685	9/4/2019 12:50:39		-122.361	37.7153				1881.86023	RS-700	-0.279302338
11686	9/4/2019 12:50:40		-122.361	37.7153				1865.4784	RS-700	-0.36080398
11687	9/4/2019 12:50:41		-122.362	37.7153				1840.46976	RS-700	-0.485225075
11688	9/4/2019 12:50:42		-122.362	37.7153				1822.74615	RS-700	-0.573402239
11689	9/4/2019 12:50:43		-122.362	37.7153				1840.38436	RS-700	-0.48564995
11690	9/4/2019 12:50:44		-122.362	37.7153				1823.20253	RS-700	-0.571131692
11691	9/4/2019 12:50:45		-122.362	37.7153				1850.56812	RS-700	-0.434984478
11692	9/4/2019 12:50:46		-122.362	37.7153				1831.28548	RS-700	-0.53091801
11693	9/4/2019 12:50:47		-122.362	37.7153				1892.48632	RS-700	-0.226436219
11694	9/4/2019 12:50:48		-122.362	37.7153				1855.29449	RS-700	-0.411470199
11695	9/4/2019 12:50:49		-122.362	37.7153				1894.10926	RS-700	-0.218361891
11696	9/4/2019 12:50:50		-122.362	37.7154				1811.82321	RS-700	-0.627745224
11697	9/4/2019 12:50:51		-122.362	37.7154				1958.8975	RS-700	0.103967662
11698	9/4/2019 12:50:52		-122.362	37.7154				1987.91553	RS-700	0.24833597
11699	9/4/2019 12:50:53		-122.362	37.7154				1965.81705	RS-700	0.138393284
11700	9/4/2019 12:50:54		-122.362	37.7154				1938.5907	RS-700	0.002938806
11701	9/4/2019 12:50:55		-122.362	37.7154				1910.48775	RS-700	-0.136876866
11702	9/4/2019 12:50:56		-122.362	37.7154				1793.82021	RS-700	-0.717312388
11703	9/4/2019 12:50:57		-122.362	37.7154				1888.58055	RS-700	-0.24586791
11704	9/4/2019 12:50:58		-122.362	37.7154				1979.00412	RS-700	0.204000597
11705	9/4/2019 12:50:59		-122.362	37.7154				1925.48438	RS-700	-0.062266766
11706	9/4/2019 12:51:00		-122.362	37.7154				1878.67559	RS-700	-0.295146318
11707	9/4/2019 12:51:01		-122.362	37.7154				1862.66921	RS-700	-0.37478005
11708	9/4/2019 12:51:02		-122.362	37.7154				1999.51471	RS-700	0.306043333
11709	9/4/2019 12:51:03		-122.362	37.7154				1927.39792	RS-700	-0.052746667
11710	9/4/2019 12:51:04		-122.362	37.7154				1937.49811	RS-700	-0.002496965
11711	9/4/2019 12:51:05		-122.362	37.7154				1871.38034	RS-700	-0.331441095

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SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
11712	9/4/2019 12:51:06		-122.362	37.7154				1923.88024	RS-700	-0.070247562
11713	9/4/2019 12:51:07		-122.362	37.7154				1819.18456	RS-700	-0.591121592
11714	9/4/2019 12:51:08		-122.362	37.7154				1863.48541	RS-700	-0.370719353
11715	9/4/2019 12:51:09		-122.362	37.7154				1948.96166	RS-700	0.054535622
11716	9/4/2019 12:51:10		-122.362	37.7154				1934.88295	RS-700	-0.015507711
11717	9/4/2019 12:51:11		-122.362	37.7154				1890.28894	RS-700	-0.237368458
11718	9/4/2019 12:51:12		-122.362	37.7154				1950.82508	RS-700	0.063806368
11719	9/4/2019 12:51:13		-122.362	37.7154				1922.99119	RS-700	-0.074670697
11720	9/4/2019 12:51:14		-122.362	37.7155				1864.19893	RS-700	-0.367169502
11721	9/4/2019 12:51:15		-122.362	37.7155				1933.58218	RS-700	-0.021979204
11722	9/4/2019 12:51:16		-122.362	37.7155				1997.62071	RS-700	0.296620448
11723	9/4/2019 12:51:17		-122.362	37.7155				1956.98828	RS-700	0.094469055
11724	9/4/2019 12:51:18		-122.362	37.7155				1821.37713	RS-700	-0.580213284
11725	9/4/2019 12:51:19		-122.362	37.7155				1826.65255	RS-700	-0.553967413
11726	9/4/2019 12:51:20		-122.362	37.7155				1906.56668	RS-700	-0.156384677
11727	9/4/2019 12:51:21		-122.362	37.7155				2011.30882	RS-700	0.364720498
11728	9/4/2019 12:51:22		-122.362	37.7155				1916.49576	RS-700	-0.106986269
11729	9/4/2019 12:51:23		-122.362	37.7155				1865.04336	RS-700	-0.362968358
11730	9/4/2019 12:51:24		-122.362	37.7155				1956.70031	RS-700	0.093036368
11731	9/4/2019 12:51:25		-122.362	37.7155				1915.77338	RS-700	-0.110580199
11732	9/4/2019 12:51:26		-122.362	37.7155				1933.69358	RS-700	-0.021424975
11733	9/4/2019 12:51:27		-122.362	37.7155				1853.65862	RS-700	-0.419608856
11734	9/4/2019 12:51:28		-122.362	37.7155				1892.85475	RS-700	-0.224603234
11735	9/4/2019 12:51:29		-122.362	37.7155				1938.97237	RS-700	0.004837662
11736	9/4/2019 12:51:30		-122.362	37.7155				2015.7227	RS-700	0.3866801
11737	9/4/2019 12:51:31		-122.362	37.7155				1942.17866	RS-700	0.020789353
11738	9/4/2019 12:51:32		-122.362	37.7155				1808.37981	RS-700	-0.644876567
11739	9/4/2019 12:51:33		-122.362	37.7155				1854.93934	RS-700	-0.413237114
11740	9/4/2019 12:51:34		-122.362	37.7155				1815.83523	RS-700	-0.607784925
11741	9/4/2019 12:51:35		-122.362	37.7155				1935.68905	RS-700	-0.011497264
11742	9/4/2019 12:51:36		-122.362	37.7155				1920.59322	RS-700	-0.086600896
11743	9/4/2019 12:51:37		-122.362	37.7155				1914.3956	RS-700	-0.117434826
11744	9/4/2019 12:51:38		-122.362	37.7155				1947.80095	RS-700	0.048760945
11745	9/4/2019 12:51:39		-122.362	37.7155				1871.47903	RS-700	-0.3309501
11746	9/4/2019 12:51:40		-122.362	37.7156				1866.29012	RS-700	-0.356765572
11747	9/4/2019 12:51:41		-122.362	37.7156				1646.75079	RS-700	-1.449001045
11748	9/4/2019 12:51:42		-122.362	37.7156				1780.64024	RS-700	-0.782884378
11749	9/4/2019 12:51:43		-122.362	37.7156				1886.85012	RS-700	-0.254477015
11750	9/4/2019 12:51:44		-122.362	37.7156				1965.70016	RS-700	0.137811741
11751	9/4/2019 12:51:45		-122.362	37.7156				1964.89566	RS-700	0.133809254
11752	9/4/2019 12:51:46		-122.362	37.7156				1974.51124	RS-700	0.18164796
11753	9/4/2019 12:51:47		-122.362	37.7156				1893.40084	RS-700	-0.221886368
11754	9/4/2019 12:51:48		-122.362	37.7156				1850.75586	RS-700	-0.434050448
11755	9/4/2019 12:51:49		-122.362	37.7156				1951.08864	RS-700	0.065117612
11756	9/4/2019 12:51:50		-122.362	37.7156				1829.28738	RS-700	-0.540858806
11757	9/4/2019 12:51:51		-122.362	37.7156				1839.56379	RS-700	-0.489732388
11758	9/4/2019 12:51:52		-122.362	37.7156				1903.39374	RS-700	-0.172170448
11759	9/4/2019 12:51:53		-122.362	37.7156				1870.57429	RS-700	-0.335451294
11760	9/4/2019 12:51:54		-122.362	37.7156				1891.58276	RS-700	-0.230931542
11761	9/4/2019 12:51:55		-122.362	37.7156				1952.91208	RS-700	0.074189453
11762	9/4/2019 12:51:56		-122.362	37.7156				2041.34787	RS-700	0.514168507
11763	9/4/2019 12:51:57		-122.362	37.7156				2003.21253	RS-700	0.324440448
11764	9/4/2019 12:51:58		-122.362	37.7156				2098.54177	RS-700	0.798715274
11765	9/4/2019 12:51:59		-122.362	37.7156				2158.53053	RS-700	1.097166816
11766	9/4/2019 12:52:00		-122.362	37.7156				2187.89639	RS-700	1.243265622
11767	9/4/2019 12:52:01		-122.362	37.7156				2212.45689	RS-700	1.365457164
11768	9/4/2019 12:52:02		-122.362	37.7156				2253.66851	RS-700	1.5704901
11769	9/4/2019 12:52:03		-122.362	37.7156				2224.56577	RS-700	1.425700348
11770	9/4/2019 12:52:04		-122.362	37.7156				2249.16921	RS-700	1.548105522
11771	9/4/2019 12:52:05		-122.362	37.7156				2303.47631	RS-700	1.8182901
11772	9/4/2019 12:52:06		-122.362	37.7156				2317.94209	RS-700	1.890259154

Gamma Scan Survey Results
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SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
11773	9/4/2019 12:52:07		-122.362	37.7156				2366.96362	RS-700	2.134147363
11774	9/4/2019 12:52:08		-122.362	37.7156				2341.8401	RS-700	2.009154726
11775	9/4/2019 12:52:09		-122.362	37.7156				2345.33309	RS-700	2.026532786
11776	9/4/2019 12:52:10		-122.362	37.7157				2261.92472	RS-700	1.611565771
11777	9/4/2019 12:52:11		-122.362	37.7157				2213.78582	RS-700	1.372068756
11778	9/4/2019 12:52:12		-122.362	37.7157				2058.03203	RS-700	0.597174279
11779	9/4/2019 12:52:13		-122.362	37.7157				2194.11356	RS-700	1.274196816
11780	9/4/2019 12:52:14		-122.362	37.7157				2151.76947	RS-700	1.063529701
11781	9/4/2019 12:52:15		-122.362	37.7157				2131.07889	RS-700	0.960591493
11782	9/4/2019 12:52:16		-122.362	37.7157				2067.94463	RS-700	0.646490697
11783	9/4/2019 12:52:17		-122.362	37.7157				1958.58936	RS-700	0.102434627
11784	9/4/2019 12:52:18		-122.362	37.7157				1964.2003	RS-700	0.130349751
11785	9/4/2019 12:52:19		-122.362	37.7157				2035.13081	RS-700	0.483237861
11786	9/4/2019 12:52:20		-122.362	37.7157				1976.19987	RS-700	0.190049104
11787	9/4/2019 12:52:21		-122.362	37.7157				2160.99191	RS-700	1.109412488
11788	9/4/2019 12:52:22		-122.362	37.7157				2047.42757	RS-700	0.544415771
11789	9/4/2019 12:52:23		-122.362	37.7157				2145.10253	RS-700	1.030360846
11790	9/4/2019 12:52:24		-122.362	37.7157				2037.03849	RS-700	0.492728806
11791	9/4/2019 12:52:25		-122.362	37.7157				2152.85602	RS-700	1.068935423
11792	9/4/2019 12:52:26		-122.362	37.7157				2021.92222	RS-700	0.417523483
11793	9/4/2019 12:52:27		-122.362	37.7157				1803.47855	RS-700	-0.669260945
11794	9/4/2019 12:52:28		-122.362	37.7157				1941.4991	RS-700	0.017408458
11795	9/4/2019 12:52:29		-122.362	37.7157				2054.54796	RS-700	0.579840597
11796	9/4/2019 12:52:30		-122.362	37.7157				2043.45215	RS-700	0.524637562
11797	9/4/2019 12:52:31		-122.362	37.7157				1951.50148	RS-700	0.067171542
11798	9/4/2019 12:52:32		-122.362	37.7157				1809.46702	RS-700	-0.639467562
11799	9/4/2019 12:52:33		-122.362	37.7157				1402.22293	RS-700	-2.665557562
11800	9/4/2019 12:52:34		-122.362	37.7157				1060.34528	RS-700	-4.366441393
11801	9/4/2019 12:52:35		-122.362	37.7157				1052.06648	RS-700	-4.407629453
11802	9/4/2019 12:52:36		-122.362	37.7157				1126.29597	RS-700	-4.038328507
11803	9/4/2019 12:52:37		-122.362	37.7158				1545.24142	RS-700	-1.954022786
11804	9/4/2019 12:52:38		-122.362	37.7158				1913.29548	RS-700	-0.12290806
11805	9/4/2019 12:52:39		-122.362	37.7158				1955.48989	RS-700	0.087014378
11806	9/4/2019 12:52:40		-122.362	37.7158				2017.02681	RS-700	0.393168209
11807	9/4/2019 12:52:41		-122.362	37.7158				2069.04868	RS-700	0.651983483
11808	9/4/2019 12:52:42		-122.362	37.7158				2050.31951	RS-700	0.558803532
11809	9/4/2019 12:52:43		-122.362	37.7158				2018.0166	RS-700	0.398092537
11810	9/4/2019 12:52:44		-122.362	37.7158				2042.62878	RS-700	0.520541194
11811	9/4/2019 12:52:45		-122.362	37.7158				2083.94883	RS-700	0.726113582
11812	9/4/2019 12:52:46		-122.362	37.7158				2082.63958	RS-700	0.7195999
11813	9/4/2019 12:52:47		-122.362	37.7158				1972.51013	RS-700	0.171692189
11814	9/4/2019 12:52:48		-122.362	37.7158				1970.7989	RS-700	0.163178607
11815	9/4/2019 12:52:49		-122.362	37.7158				1963.52048	RS-700	0.126967562
11816	9/4/2019 12:52:50		-122.362	37.7158				2015.71639	RS-700	0.386648706
11817	9/4/2019 12:52:51		-122.362	37.7158				1929.68868	RS-700	-0.041349851
11818	9/4/2019 12:52:52		-122.362	37.7158				1679.51688	RS-700	-1.285985672
11819	9/4/2019 12:52:53		-122.362	37.7158				1674.51475	RS-700	-1.310871891
11820	9/4/2019 12:52:54		-122.362	37.7158				1779.81486	RS-700	-0.786990746
11821	9/4/2019 12:52:55		-122.362	37.7159				1776.35802	RS-700	-0.804188955
11822	9/4/2019 12:52:56		-122.362	37.7159				1720.96261	RS-700	-1.07978801
11823	9/4/2019 12:52:57		-122.362	37.7159				1822.3769	RS-700	-0.575239303
11824	9/4/2019 12:52:58		-122.362	37.7159				1853.66673	RS-700	-0.419568507
11825	9/4/2019 12:52:59		-122.362	37.7159				1819.74521	RS-700	-0.588332289
11826	9/4/2019 12:53:00		-122.362	37.7159				1886.76876	RS-700	-0.254881791
11827	9/4/2019 12:53:01		-122.362	37.7159				1874.67109	RS-700	-0.315069204
11828	9/4/2019 12:53:02		-122.362	37.7159				2002.43222	RS-700	0.320558308
11829	9/4/2019 12:53:03		-122.363	37.7159				1972.69527	RS-700	0.172613284
11830	9/4/2019 12:53:04		-122.363	37.7159				1797.55554	RS-700	-0.698728657
11831	9/4/2019 12:53:05		-122.363	37.7159				1869.04684	RS-700	-0.343050547
11832	9/4/2019 12:53:06		-122.363	37.7159				2006.72835	RS-700	0.34193209
11833	9/4/2019 12:53:07		-122.363	37.7159				1951.78958	RS-700	0.068604876

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SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
11834	9/4/2019 12:53:08		-122.363	37.7159				1912.86798	RS-700	-0.125034925
11835	9/4/2019 12:53:09		-122.363	37.7159				2025.31613	RS-700	0.434408607
11836	9/4/2019 12:53:10		-122.363	37.7159				1939.69661	RS-700	0.008440846
11837	9/4/2019 12:53:11		-122.363	37.7159				2118.734	RS-700	0.899174129
11838	9/4/2019 12:53:12		-122.363	37.7159				2093.94966	RS-700	0.775868955
11839	9/4/2019 12:53:13		-122.363	37.7159				2035.52342	RS-700	0.485191144
11840	9/4/2019 12:53:14		-122.363	37.7159				2040.63608	RS-700	0.510627264
11841	9/4/2019 12:53:15		-122.363	37.716				2126.76188	RS-700	0.939113831
11842	9/4/2019 12:53:16		-122.363	37.716				2055.83739	RS-700	0.586255672
11843	9/4/2019 12:53:17		-122.363	37.716				2025.93063	RS-700	0.437465821
11844	9/4/2019 12:53:18		-122.363	37.716				1981.90605	RS-700	0.21843806
11845	9/4/2019 12:53:19		-122.363	37.716				1999.5137	RS-700	0.306038308
11846	9/4/2019 12:53:20		-122.363	37.716				2213.67188	RS-700	1.371501891
11847	9/4/2019 12:53:21		-122.363	37.716				2078.15985	RS-700	0.697312687
11848	9/4/2019 12:53:22		-122.363	37.716				2101.53741	RS-700	0.813618955
11849	9/4/2019 12:53:23		-122.363	37.716				1965.1941	RS-700	0.13529403
11850	9/4/2019 12:53:24		-122.363	37.716				2054.83418	RS-700	0.581264577
11851	9/4/2019 12:53:25		-122.363	37.716				2058.63208	RS-700	0.600159602
11852	9/4/2019 12:53:26		-122.363	37.716				2084.91601	RS-700	0.730925423
11853	9/4/2019 12:53:27		-122.363	37.716				1962.4994	RS-700	0.121887562
11854	9/4/2019 12:53:28		-122.363	37.716				1991.71711	RS-700	0.267249303
11855	9/4/2019 12:53:29		-122.363	37.716				1988.80959	RS-700	0.25278403
11856	9/4/2019 12:53:30		-122.363	37.716				1972.80343	RS-700	0.173151393
11857	9/4/2019 12:53:31		-122.363	37.716				2031.62839	RS-700	0.465812886
11858	9/4/2019 12:53:32		-122.363	37.716				2090.73851	RS-700	0.759893085
11859	9/4/2019 12:53:33		-122.363	37.716				2093.2231	RS-700	0.772254229
11860	9/4/2019 12:53:34		-122.363	37.716				2100.17237	RS-700	0.806827711
11861	9/4/2019 12:53:35		-122.363	37.7161				2073.63545	RS-700	0.674803234
11862	9/4/2019 12:53:36		-122.363	37.7161				2029.41976	RS-700	0.454824677
11863	9/4/2019 12:53:37		-122.363	37.7161				2097.06259	RS-700	0.791356169
11864	9/4/2019 12:53:38		-122.363	37.7161				2080.28805	RS-700	0.707900746
11865	9/4/2019 12:53:39		-122.363	37.7161				2026.51728	RS-700	0.440384478
11866	9/4/2019 12:53:40		-122.363	37.7161				1941.40064	RS-700	0.016918607
11867	9/4/2019 12:53:41		-122.363	37.7161				2021.91758	RS-700	0.417500398
11868	9/4/2019 12:53:42		-122.363	37.7161				1992.51164	RS-700	0.271202189
11869	9/4/2019 12:53:43		-122.363	37.7161				2022.92767	RS-700	0.422525721
11870	9/4/2019 12:53:44		-122.363	37.7161				1991.81205	RS-700	0.267721642
11871	9/4/2019 12:53:45		-122.363	37.7161				2093.26838	RS-700	0.772479502
11872	9/4/2019 12:53:46		-122.363	37.7161				2160.98554	RS-700	1.109380796
11873	9/4/2019 12:53:47		-122.363	37.7161				2111.65083	RS-700	0.863934478
11874	9/4/2019 12:53:48		-122.363	37.7161				2086.42651	RS-700	0.738440348
11875	9/4/2019 12:53:49		-122.363	37.7161				2172.77105	RS-700	1.168015174
11876	9/4/2019 12:53:50		-122.363	37.7161				2187.10849	RS-700	1.239345721
11877	9/4/2019 12:53:51		-122.363	37.7161				2068.74502	RS-700	0.650472736
11878	9/4/2019 12:53:52		-122.363	37.7161				1932.49415	RS-700	-0.027392289
11879	9/4/2019 12:53:53		-122.363	37.7161				1671.59586	RS-700	-1.325393731
11880	9/4/2019 12:53:54		-122.363	37.7161				1640.60349	RS-700	-1.479584627
11881	9/4/2019 12:53:55		-122.363	37.7161				1280.78061	RS-700	-3.269748209
11882	9/4/2019 12:53:56		-122.363	37.7161				1181.12592	RS-700	-3.765542687
11883	9/4/2019 12:53:57		-122.363	37.7162				1525.44977	RS-700	-2.052488706
11884	9/4/2019 12:53:58		-122.363	37.7162				1536.47298	RS-700	-1.997646866
11885	9/4/2019 12:53:59		-122.363	37.7162				1801.09114	RS-700	-0.681138607
11886	9/4/2019 12:54:00		-122.363	37.7162				1925.90833	RS-700	-0.060157562
11887	9/4/2019 12:54:01		-122.363	37.7162				1917.59538	RS-700	-0.101515522
11888	9/4/2019 12:54:02		-122.363	37.7162				1952.40333	RS-700	0.071658358
11889	9/4/2019 12:54:03		-122.363	37.7162				2016.51983	RS-700	0.39064592
11890	9/4/2019 12:54:04		-122.363	37.7162				2004.6198	RS-700	0.331441791
11891	9/4/2019 12:54:05		-122.363	37.7162				1935.589	RS-700	-0.011995025
11892	9/4/2019 12:54:06		-122.363	37.7162				1936.40022	RS-700	-0.007959104
11893	9/4/2019 12:54:07		-122.363	37.7162				2042.23952	RS-700	0.518604577
11894	9/4/2019 12:54:08		-122.363	37.7162				2033.93392	RS-700	0.477283184

Gamma Scan Survey Results
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SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
11895	9/4/2019 12:54:09		-122.363	37.7162				1989.81743	RS-700	0.257798159
11896	9/4/2019 12:54:10		-122.363	37.7162				2128.44028	RS-700	0.94746408
11897	9/4/2019 12:54:11		-122.363	37.7162				2132.76669	RS-700	0.968988507
11898	9/4/2019 12:54:12		-122.363	37.7162				2072.84502	RS-700	0.670870746
11899	9/4/2019 12:54:13		-122.363	37.7162				2027.92911	RS-700	0.447408507
11900	9/4/2019 12:54:14		-122.363	37.7162				2031.83654	RS-700	0.466848458
11901	9/4/2019 12:54:15		-122.363	37.7162				2154.65448	RS-700	1.077882985
11902	9/4/2019 12:54:16		-122.363	37.7163				2089.74452	RS-700	0.754947861
11903	9/4/2019 12:54:17		-122.363	37.7163				2152.19632	RS-700	1.065653333
11904	9/4/2019 12:54:18		-122.363	37.7163				2105.74725	RS-700	0.834563433
11905	9/4/2019 12:54:19		-122.363	37.7163				2026.2294	RS-700	0.438952239
11906	9/4/2019 12:54:20		-122.363	37.7163				1969.70288	RS-700	0.157725771
11907	9/4/2019 12:54:21		-122.363	37.7163				2022.92663	RS-700	0.422520547
11908	9/4/2019 12:54:22		-122.363	37.7163				2054.94687	RS-700	0.581825224
11909	9/4/2019 12:54:23		-122.363	37.7163				2047.73729	RS-700	0.545956667
11910	9/4/2019 12:54:24		-122.363	37.7163				2017.92736	RS-700	0.397648557
11911	9/4/2019 12:54:25		-122.363	37.7163				2061.06242	RS-700	0.612250846
11912	9/4/2019 12:54:26		-122.363	37.7163				2143.76522	RS-700	1.023707562
11913	9/4/2019 12:54:27		-122.363	37.7163				2038.52373	RS-700	0.50011806
11914	9/4/2019 12:54:28		-122.363	37.7163				2011.41758	RS-700	0.365261592
11915	9/4/2019 12:54:29		-122.363	37.7163				2064.04493	RS-700	0.627089204
11916	9/4/2019 12:54:30		-122.363	37.7163				2074.36655	RS-700	0.678440547
11917	9/4/2019 12:54:31		-122.363	37.7163				1968.50443	RS-700	0.151763333
11918	9/4/2019 12:54:32		-122.363	37.7163				2052.13163	RS-700	0.567819055
11919	9/4/2019 12:54:33		-122.363	37.7163				1993.8108	RS-700	0.277665672
11920	9/4/2019 12:54:34		-122.363	37.7163				1912.49263	RS-700	-0.126902338
11921	9/4/2019 12:54:35		-122.363	37.7164				1926.49922	RS-700	-0.057217811
11922	9/4/2019 12:54:36		-122.363	37.7164				1946.30795	RS-700	0.041333085
11923	9/4/2019 12:54:37		-122.363	37.7164				2001.0134	RS-700	0.313499502
11924	9/4/2019 12:54:38		-122.363	37.7164				2015.00424	RS-700	0.383105672
11925	9/4/2019 12:54:39		-122.363	37.7164				2045.1379	RS-700	0.533024378
11926	9/4/2019 12:54:40		-122.363	37.7164				2018.41717	RS-700	0.400085423
11927	9/4/2019 12:54:41		-122.363	37.7164				2151.98101	RS-700	1.064582139
11928	9/4/2019 12:54:42		-122.363	37.7164				1915.68131	RS-700	-0.111038259
11929	9/4/2019 12:54:43		-122.363	37.7164				2013.91962	RS-700	0.377709552
11930	9/4/2019 12:54:44		-122.363	37.7164				2084.16601	RS-700	0.72719408
11931	9/4/2019 12:54:45		-122.363	37.7164				2068.42341	RS-700	0.648872687
11932	9/4/2019 12:54:46		-122.363	37.7164				1994.80992	RS-700	0.282636418
11933	9/4/2019 12:54:47		-122.363	37.7164				1993.30782	RS-700	0.275163284
11934	9/4/2019 12:54:48		-122.363	37.7164				1964.8971	RS-700	0.133816418
11935	9/4/2019 12:54:49		-122.363	37.7164				1944.87355	RS-700	0.034196766
11936	9/4/2019 12:54:50		-122.363	37.7164				1993.31248	RS-700	0.275186468
11937	9/4/2019 12:54:51		-122.363	37.7164				1991.31368	RS-700	0.265242189
11938	9/4/2019 12:54:52		-122.363	37.7164				2012.75626	RS-700	0.371921692
11939	9/4/2019 12:54:53		-122.363	37.7165				2015.22334	RS-700	0.384195721
11940	9/4/2019 12:54:54		-122.363	37.7165				1947.89588	RS-700	0.049233234
11941	9/4/2019 12:54:55		-122.363	37.7165				2030.71528	RS-700	0.46127005
11942	9/4/2019 12:54:56		-122.363	37.7165				2064.74128	RS-700	0.630553632
11943	9/4/2019 12:54:57		-122.363	37.7165				2002.81067	RS-700	0.322441144
11944	9/4/2019 12:54:58		-122.363	37.7165				2007.41086	RS-700	0.345327662
11945	9/4/2019 12:54:59		-122.363	37.7165				2030.42053	RS-700	0.459803632
11946	9/4/2019 12:55:00		-122.364	37.7165				1948.40442	RS-700	0.051763284
11947	9/4/2019 12:55:01		-122.364	37.7165				1979.51001	RS-700	0.206517463
11948	9/4/2019 12:55:02		-122.364	37.7165				1929.16559	RS-700	-0.043952289
11949	9/4/2019 12:55:03		-122.364	37.7165				1871.39142	RS-700	-0.33138597
11950	9/4/2019 12:55:04		-122.364	37.7165				1885.48139	RS-700	-0.261286617
11951	9/4/2019 12:55:05		-122.364	37.7165				1818.83104	RS-700	-0.592880398
11952	9/4/2019 12:55:06		-122.364	37.7165				1904.86557	RS-700	-0.16484791
11953	9/4/2019 12:55:07		-122.364	37.7165				1852.39218	RS-700	-0.425909552
11954	9/4/2019 12:55:08		-122.364	37.7165				1910.96646	RS-700	-0.134495224
11955	9/4/2019 12:55:09		-122.364	37.7165				2064.42697	RS-700	0.6289899

Gamma Scan Survey Results
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SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
11956	9/4/2019 12:55:10		-122.364	37.7165				2136.55417	RS-700	0.987831692
11957	9/4/2019 12:55:11		-122.364	37.7165				2053.84395	RS-700	0.57633806
11958	9/4/2019 12:55:12		-122.364	37.7165				2062.13858	RS-700	0.617604876
11959	9/4/2019 12:55:13		-122.364	37.7165				2095.74336	RS-700	0.784792836
11960	9/4/2019 12:55:14		-122.364	37.7166				2141.09086	RS-700	1.010402289
11961	9/4/2019 12:55:15		-122.364	37.7166				2168.8856	RS-700	1.148684577
11962	9/4/2019 12:55:16		-122.364	37.7166				2176.30404	RS-700	1.185592239
11963	9/4/2019 12:55:17		-122.364	37.7166				2117.96558	RS-700	0.895351144
11964	9/4/2019 12:55:18		-122.364	37.7166				2062.74311	RS-700	0.620612488
11965	9/4/2019 12:55:19		-122.364	37.7166				2086.06459	RS-700	0.736639751
11966	9/4/2019 12:55:20		-122.364	37.7166				2126.97743	RS-700	0.940186219
11967	9/4/2019 12:55:21		-122.364	37.7166				2186.45059	RS-700	1.236072587
11968	9/4/2019 12:55:22		-122.364	37.7166				2129.55016	RS-700	0.952985871
11969	9/4/2019 12:55:23		-122.364	37.7166				2131.29298	RS-700	0.961656617
11970	9/4/2019 12:55:24		-122.364	37.7166				2129.75818	RS-700	0.954020796
11971	9/4/2019 12:55:25		-122.364	37.7166				2126.97478	RS-700	0.940173035
11972	9/4/2019 12:55:26		-122.364	37.7166				2168.08967	RS-700	1.144724726
11973	9/4/2019 12:55:27		-122.364	37.7166				2157.6606	RS-700	1.092838806
11974	9/4/2019 12:55:28		-122.364	37.7166				2108.06926	RS-700	0.846115721
11975	9/4/2019 12:55:29		-122.364	37.7166				2149.08237	RS-700	1.050161045
11976	9/4/2019 12:55:30		-122.364	37.7166				2058.73601	RS-700	0.600676667
11977	9/4/2019 12:55:31		-122.364	37.7166				2142.33606	RS-700	1.016597313
11978	9/4/2019 12:55:32		-122.364	37.7166				2107.75216	RS-700	0.844538109
11979	9/4/2019 12:55:33		-122.364	37.7166				2125.44455	RS-700	0.93255995
11980	9/4/2019 12:55:34		-122.364	37.7166				2084.33024	RS-700	0.728011144
11981	9/4/2019 12:55:35		-122.364	37.7167				2134.07505	RS-700	0.975497761
11982	9/4/2019 12:55:36		-122.364	37.7167				2252.05396	RS-700	1.562457512
11983	9/4/2019 12:55:37		-122.364	37.7167				2218.6909	RS-700	1.396472139
11984	9/4/2019 12:55:38		-122.364	37.7167				2190.44481	RS-700	1.255944328
11985	9/4/2019 12:55:39		-122.364	37.7167				2225.13903	RS-700	1.428552388
11986	9/4/2019 12:55:40		-122.364	37.7167				2171.101	RS-700	1.159706468
11987	9/4/2019 12:55:41		-122.364	37.7167				2184.78009	RS-700	1.227761642
11988	9/4/2019 12:55:42		-122.364	37.7167				2204.42765	RS-700	1.325510697
11989	9/4/2019 12:55:43		-122.364	37.7167				2039.92894	RS-700	0.507109154
11990	9/4/2019 12:55:44		-122.364	37.7167				2189.88873	RS-700	1.253177761
11991	9/4/2019 12:55:45		-122.364	37.7167				2177.99164	RS-700	1.193988259
11992	9/4/2019 12:55:46		-122.364	37.7167				2112.07328	RS-700	0.866036219
11993	9/4/2019 12:55:47		-122.364	37.7167				2136.97394	RS-700	0.9899201
11994	9/4/2019 12:55:48		-122.364	37.7167				2202.33186	RS-700	1.315083881
11995	9/4/2019 12:55:49		-122.364	37.7167				2127.18633	RS-700	0.941225522
11996	9/4/2019 12:55:50		-122.364	37.7167				2130.28949	RS-700	0.956664129
11997	9/4/2019 12:55:51		-122.364	37.7167				2095.94486	RS-700	0.785795323
11998	9/4/2019 12:55:52		-122.364	37.7167				2194.77892	RS-700	1.277507065
11999	9/4/2019 12:55:53		-122.364	37.7167				2199.67076	RS-700	1.301844577
12000	9/4/2019 12:55:54		-122.364	37.7167				2127.08541	RS-700	0.940723433
12001	9/4/2019 12:55:55		-122.364	37.7167				2222.56927	RS-700	1.415767512
12002	9/4/2019 12:55:56		-122.364	37.7167				2166.44839	RS-700	1.136559154
12003	9/4/2019 12:55:57		-122.364	37.7167				2164.85315	RS-700	1.128622637
12004	9/4/2019 12:55:58		-122.364	37.7167				2066.84345	RS-700	0.641012189
12005	9/4/2019 12:55:59		-122.364	37.7167				2047.81765	RS-700	0.546356468
12006	9/4/2019 12:56:00		-122.364	37.7167				2187.77808	RS-700	1.242677015
12007	9/4/2019 12:56:01		-122.364	37.7167				2097.06371	RS-700	0.791361741
12008	9/4/2019 12:56:02		-122.364	37.7167				2196.78502	RS-700	1.287487662
12009	9/4/2019 12:56:03		-122.364	37.7167				2150.30365	RS-700	1.056237065
12010	9/4/2019 12:56:04		-122.364	37.7167				2271.91241	RS-700	1.661255771
12011	9/4/2019 12:56:05		-122.364	37.7167				2196.23925	RS-700	1.284772388
12012	9/4/2019 12:56:06		-122.364	37.7167				2261.92403	RS-700	1.611562338
12013	9/4/2019 12:56:07		-122.364	37.7167				2158.98911	RS-700	1.099448308
12014	9/4/2019 12:56:08		-122.364	37.7167				2231.0167	RS-700	1.457794527
12015	9/4/2019 12:56:09		-122.364	37.7167				2218.34761	RS-700	1.394764229
12016	9/4/2019 12:56:10		-122.364	37.7167				2174.10072	RS-700	1.174630448

Gamma Scan Survey Results
Survey Unit 5 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
12017	9/3/2019 12:35:02		-122.364	37.7166				2241.1376	RS-700	1.508147264
12018	9/3/2019 12:35:03		-122.364	37.7166				2070.43031	RS-700	0.658857264
12019	9/3/2019 12:35:04		-122.364	37.7166				2114.43233	RS-700	0.877772786
12020	9/3/2019 12:35:05		-122.364	37.7166				2226.57631	RS-700	1.435703035
12021	9/3/2019 12:35:06		-122.364	37.7166				2164.39629	RS-700	1.126349701
12022	9/3/2019 12:35:07		-122.364	37.7166				2143.55799	RS-700	1.022676567
12023	9/3/2019 12:35:08		-122.364	37.7166				2185.77739	RS-700	1.232723333
12024	9/3/2019 12:35:09		-122.364	37.7166				2212.11787	RS-700	1.363770498
12025	9/3/2019 12:35:10		-122.364	37.7166				2181.664	RS-700	1.212258706
12026	9/3/2019 12:35:11		-122.364	37.7166				2225.13621	RS-700	1.428538358
12027	9/3/2019 12:35:12		-122.364	37.7166				2156.98712	RS-700	1.089488159
12028	9/3/2019 12:35:13		-122.364	37.7166				2178.67734	RS-700	1.197399701
12029	9/3/2019 12:35:14		-122.364	37.7166				2298.91422	RS-700	1.795593134
12030	9/3/2019 12:35:15		-122.364	37.7166				2154.87327	RS-700	1.078971493
12031	9/3/2019 12:35:16		-122.364	37.7166				2217.68096	RS-700	1.391447562
12032	9/3/2019 12:35:17		-122.364	37.7166				2139.5539	RS-700	1.002755721
12033	9/3/2019 12:35:18		-122.364	37.7166				2136.30912	RS-700	0.986612537
12034	9/3/2019 12:35:19		-122.364	37.7166				2220.90279	RS-700	1.407476567
12035	9/3/2019 12:35:20		-122.364	37.7166				2300.94414	RS-700	1.805692239
12036	9/3/2019 12:35:21		-122.364	37.7166				2113.54647	RS-700	0.873365522
12037	9/3/2019 12:35:22		-122.364	37.7166				2252.37308	RS-700	1.564045174
12038	9/3/2019 12:35:23		-122.364	37.7166				2106.7551	RS-700	0.839577612
12039	9/3/2019 12:35:24		-122.364	37.7166				2165.88196	RS-700	1.133741095
12040	9/3/2019 12:35:25		-122.364	37.7166				2133.653	RS-700	0.97339801
12041	9/3/2019 12:35:26		-122.364	37.7166				2239.56237	RS-700	1.500310299
12042	9/3/2019 12:35:27		-122.364	37.7166				2194.11325	RS-700	1.274195274
12043	9/3/2019 12:35:28		-122.364	37.7166				2206.09739	RS-700	1.333817861
12044	9/3/2019 12:35:29		-122.364	37.7166				2153.77015	RS-700	1.073483333
12045	9/3/2019 12:35:30		-122.364	37.7166				2075.53768	RS-700	0.684267065
12046	9/3/2019 12:35:31		-122.364	37.7166				2248.14348	RS-700	1.543002388
12047	9/3/2019 12:35:32		-122.364	37.7166				2113.75415	RS-700	0.874398756
12048	9/3/2019 12:35:33		-122.364	37.7166				2129.63507	RS-700	0.953408308
12049	9/3/2019 12:35:34		-122.364	37.7166				2229.45535	RS-700	1.450026617
12050	9/3/2019 12:35:35		-122.364	37.7166				2074.58364	RS-700	0.679520597
12051	9/3/2019 12:35:36		-122.364	37.7166				2220.79054	RS-700	1.406918109
12052	9/3/2019 12:35:37		-122.364	37.7166				2107.43038	RS-700	0.842937214
12053	9/3/2019 12:35:38		-122.364	37.7166				2246.57685	RS-700	1.535208209
12054	9/3/2019 12:35:39		-122.364	37.7166				2248.90729	RS-700	1.546802438
12055	9/3/2019 12:35:40		-122.364	37.7166				2183.67162	RS-700	1.222246866
12056	9/3/2019 12:35:41		-122.364	37.7166				2240.58854	RS-700	1.505415622
12057	9/3/2019 12:35:42		-122.364	37.7166				2203.68473	RS-700	1.321814577
12058	9/3/2019 12:35:43		-122.364	37.7166				2290.47444	RS-700	1.753604179
12059	9/3/2019 12:35:44		-122.364	37.7166				2166.77776	RS-700	1.138197811
12060	9/3/2019 12:35:45		-122.364	37.7166				2197.0196	RS-700	1.288654726
12061	9/3/2019 12:35:46		-122.364	37.7166				2150.33752	RS-700	1.056405572
12062	9/3/2019 12:35:47		-122.364	37.7166				2264.9164	RS-700	1.626449751
12063	9/3/2019 12:35:48		-122.364	37.7166				2318.17516	RS-700	1.891418706
12064	9/3/2019 12:35:49		-122.364	37.7166				2285.17552	RS-700	1.727241393
12065	9/3/2019 12:35:50		-122.364	37.7166				2201.78814	RS-700	1.312378806
12066	9/3/2019 12:35:51		-122.364	37.7166				2176.00373	RS-700	1.184098159
12067	9/3/2019 12:35:52		-122.364	37.7166				2198.00407	RS-700	1.293552587
12068	9/3/2019 12:35:53		-122.364	37.7166				2024.61811	RS-700	0.430935871
12069	9/3/2019 12:35:54		-122.364	37.7166				2172.00909	RS-700	1.164224328
12070	9/3/2019 12:35:55		-122.364	37.7166				2143.65117	RS-700	1.023140149
12071	9/3/2019 12:35:56		-122.364	37.7166				2159.30604	RS-700	1.101025075
12072	9/3/2019 12:35:57		-122.364	37.7165				2143.63769	RS-700	1.023073085
12073	9/3/2019 12:35:58		-122.364	37.7165				2150.99533	RS-700	1.059678259
12074	9/3/2019 12:35:59		-122.364	37.7165				2025.72949	RS-700	0.436465124
12075	9/3/2019 12:36:00		-122.364	37.7165				2047.62856	RS-700	0.545415721
12076	9/3/2019 12:36:01		-122.364	37.7165				2074.36916	RS-700	0.678453532
12077	9/3/2019 12:36:02		-122.364	37.7165				2108.0702	RS-700	0.846120398

Gamma Scan Survey Results
Survey Unit 5 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
12078	9/3/2019 12:36:03		-122.364	37.7165				2117.98104	RS-700	0.89542806
12079	9/3/2019 12:36:04		-122.364	37.7165				2149.44828	RS-700	1.051981493
12080	9/3/2019 12:36:05		-122.364	37.7165				2009.62654	RS-700	0.356350945
12081	9/3/2019 12:36:06		-122.364	37.7165				1904.68032	RS-700	-0.165769552
12082	9/3/2019 12:36:07		-122.364	37.7165				2019.22754	RS-700	0.404117114
12083	9/3/2019 12:36:08		-122.364	37.7165				2091.13683	RS-700	0.761874776
12084	9/3/2019 12:36:09		-122.364	37.7165				2121.87169	RS-700	0.914784527
12085	9/3/2019 12:36:10		-122.364	37.7165				2124.97123	RS-700	0.930205124
12086	9/3/2019 12:36:11		-122.364	37.7165				2082.84976	RS-700	0.720645572
12087	9/3/2019 12:36:12		-122.364	37.7165				2067.94705	RS-700	0.646502736
12088	9/3/2019 12:36:13		-122.364	37.7165				2094.02274	RS-700	0.776232537
12089	9/3/2019 12:36:14		-122.364	37.7165				2046.41742	RS-700	0.539390149
12090	9/3/2019 12:36:15		-122.364	37.7165				2063.63557	RS-700	0.625052587
12091	9/3/2019 12:36:16		-122.364	37.7165				2100.06369	RS-700	0.806287015
12092	9/3/2019 12:36:17		-122.364	37.7165				2136.09822	RS-700	0.985563284
12093	9/3/2019 12:36:18		-122.364	37.7165				2062.7294	RS-700	0.620544279
12094	9/3/2019 12:36:19		-122.364	37.7165				2091.27246	RS-700	0.762549552
12095	9/3/2019 12:36:20		-122.364	37.7165				2086.85574	RS-700	0.740575821
12096	9/3/2019 12:36:21		-122.364	37.7164				1977.80386	RS-700	0.198029154
12097	9/3/2019 12:36:22		-122.364	37.7164				1973.50767	RS-700	0.176655075
12098	9/3/2019 12:36:23		-122.364	37.7164				1972.21432	RS-700	0.170220498
12099	9/3/2019 12:36:24		-122.364	37.7164				2025.34597	RS-700	0.434557065
12100	9/3/2019 12:36:25		-122.364	37.7164				1910.68445	RS-700	-0.135898259
12101	9/3/2019 12:36:26		-122.364	37.7164				1912.58802	RS-700	-0.126427761
12102	9/3/2019 12:36:27		-122.364	37.7164				1825.65002	RS-700	-0.558955124
12103	9/3/2019 12:36:28		-122.364	37.7164				1858.48993	RS-700	-0.395572488
12104	9/3/2019 12:36:29		-122.364	37.7164				1858.19892	RS-700	-0.397020299
12105	9/3/2019 12:36:30		-122.364	37.7164				1889.68384	RS-700	-0.240378905
12106	9/3/2019 12:36:31		-122.364	37.7164				1920.59476	RS-700	-0.086593234
12107	9/3/2019 12:36:32		-122.364	37.7164				1999.41687	RS-700	0.305556567
12108	9/3/2019 12:36:33		-122.364	37.7164				1959.59887	RS-700	0.107457065
12109	9/3/2019 12:36:34		-122.364	37.7164				2064.53261	RS-700	0.629515473
12110	9/3/2019 12:36:35		-122.364	37.7164				1969.80621	RS-700	0.158239851
12111	9/3/2019 12:36:36		-122.364	37.7164				2020.51954	RS-700	0.410544975
12112	9/3/2019 12:36:37		-122.364	37.7164				1950.59407	RS-700	0.062657065
12113	9/3/2019 12:36:38		-122.364	37.7164				2046.35169	RS-700	0.539063134
12114	9/3/2019 12:36:39		-122.364	37.7164				1949.90612	RS-700	0.059234428
12115	9/3/2019 12:36:40		-122.364	37.7164				1985.71142	RS-700	0.237370249
12116	9/3/2019 12:36:41		-122.364	37.7164				2053.04377	RS-700	0.572357065
12117	9/3/2019 12:36:42		-122.364	37.7164				2014.92573	RS-700	0.382715075
12118	9/3/2019 12:36:43		-122.364	37.7163				1904.29954	RS-700	-0.16766398
12119	9/3/2019 12:36:44		-122.363	37.7163				1969.72312	RS-700	0.157826468
12120	9/3/2019 12:36:45		-122.363	37.7163				2023.73486	RS-700	0.426541592
12121	9/3/2019 12:36:46		-122.363	37.7163				1977.70528	RS-700	0.197538706
12122	9/3/2019 12:36:47		-122.363	37.7163				2038.52523	RS-700	0.500125522
12123	9/3/2019 12:36:48		-122.363	37.7163				1981.71043	RS-700	0.217464826
12124	9/3/2019 12:36:49		-122.363	37.7163				1941.60135	RS-700	0.017917164
12125	9/3/2019 12:36:50		-122.363	37.7163				1929.49549	RS-700	-0.042310995
12126	9/3/2019 12:36:51		-122.363	37.7163				1980.90532	RS-700	0.213459303
12127	9/3/2019 12:36:52		-122.363	37.7163				2053.73609	RS-700	0.575801443
12128	9/3/2019 12:36:53		-122.363	37.7163				2078.53172	RS-700	0.699162786
12129	9/3/2019 12:36:54		-122.363	37.7163				2120.652	RS-700	0.908716418
12130	9/3/2019 12:36:55		-122.363	37.7163				2133.65943	RS-700	0.97343
12131	9/3/2019 12:36:56		-122.363	37.7163				2037.03424	RS-700	0.492707662
12132	9/3/2019 12:36:57		-122.363	37.7163				2087.37167	RS-700	0.743142637
12133	9/3/2019 12:36:58		-122.363	37.7163				2010.72413	RS-700	0.361811592
12134	9/3/2019 12:36:59		-122.363	37.7163				2045.9378	RS-700	0.53700398
12135	9/3/2019 12:37:00		-122.363	37.7163				2079.95209	RS-700	0.706229303
12136	9/3/2019 12:37:01		-122.363	37.7163				2045.63484	RS-700	0.535496716
12137	9/3/2019 12:37:02		-122.363	37.7163				1991.80784	RS-700	0.267700697
12138	9/3/2019 12:37:03		-122.363	37.7162				1847.57104	RS-700	-0.449895323

Gamma Scan Survey Results
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SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
12139	9/3/2019 12:37:04		-122.363	37.7162				1912.39923	RS-700	-0.127367015
12140	9/3/2019 12:37:05		-122.363	37.7162				2062.43554	RS-700	0.619082289
12141	9/3/2019 12:37:06		-122.363	37.7162				2025.8335	RS-700	0.436982587
12142	9/3/2019 12:37:07		-122.363	37.7162				2152.88232	RS-700	1.069066269
12143	9/3/2019 12:37:08		-122.363	37.7162				2074.6384	RS-700	0.679793035
12144	9/3/2019 12:37:09		-122.363	37.7162				1936.70735	RS-700	-0.006431095
12145	9/3/2019 12:37:10		-122.363	37.7162				1873.58188	RS-700	-0.320488159
12146	9/3/2019 12:37:11		-122.363	37.7162				2003.7159	RS-700	0.326944776
12147	9/3/2019 12:37:12		-122.363	37.7162				1982.11562	RS-700	0.219480697
12148	9/3/2019 12:37:13		-122.363	37.7162				1883.58127	RS-700	-0.27073995
12149	9/3/2019 12:37:14		-122.363	37.7162				1871.7601	RS-700	-0.329551741
12150	9/3/2019 12:37:15		-122.363	37.7162				2068.84364	RS-700	0.650963383
12151	9/3/2019 12:37:16		-122.363	37.7162				2068.63522	RS-700	0.649926468
12152	9/3/2019 12:37:17		-122.363	37.7162				2102.64624	RS-700	0.819135522
12153	9/3/2019 12:37:18		-122.363	37.7162				2229.14067	RS-700	1.448461045
12154	9/3/2019 12:37:19		-122.363	37.7162				2107.85918	RS-700	0.845070547
12155	9/3/2019 12:37:20		-122.363	37.7162				1996.91133	RS-700	0.293091194
12156	9/3/2019 12:37:21		-122.363	37.7162				2010.31991	RS-700	0.359800547
12157	9/3/2019 12:37:22		-122.363	37.7161				2052.62486	RS-700	0.570272935
12158	9/3/2019 12:37:23		-122.363	37.7161				1847.6551	RS-700	-0.449477114
12159	9/3/2019 12:37:24		-122.363	37.7161				1931.21126	RS-700	-0.033774826
12160	9/3/2019 12:37:25		-122.363	37.7161				1891.05861	RS-700	-0.233539254
12161	9/3/2019 12:37:26		-122.363	37.7161				1911.47603	RS-700	-0.13196005
12162	9/3/2019 12:37:27		-122.363	37.7161				1990.92124	RS-700	0.263289751
12163	9/3/2019 12:37:28		-122.363	37.7161				1979.81167	RS-700	0.208018259
12164	9/3/2019 12:37:29		-122.363	37.7161				1967.70673	RS-700	0.147794677
12165	9/3/2019 12:37:30		-122.363	37.7161				1915.68424	RS-700	-0.111023682
12166	9/3/2019 12:37:31		-122.363	37.7161				1951.70142	RS-700	0.068166269
12167	9/3/2019 12:37:32		-122.363	37.7161				1984.10634	RS-700	0.229384776
12168	9/3/2019 12:37:33		-122.363	37.7161				1896.67686	RS-700	-0.205587761
12169	9/3/2019 12:37:34		-122.363	37.7161				1913.77865	RS-700	-0.120504229
12170	9/3/2019 12:37:35		-122.363	37.7161				1760.89415	RS-700	-0.881123632
12171	9/3/2019 12:37:36		-122.363	37.7161				1606.42268	RS-700	-1.649638408
12172	9/3/2019 12:37:37		-122.363	37.7161				1644.68407	RS-700	-1.459283234
12173	9/3/2019 12:37:38		-122.363	37.7161				1502.31078	RS-700	-2.16760806
12174	9/3/2019 12:37:39		-122.363	37.7161				1085.28249	RS-700	-4.242375672
12175	9/3/2019 12:37:40		-122.363	37.7161				1547.47789	RS-700	-1.94289607
12176	9/3/2019 12:37:41		-122.363	37.716				1858.4893	RS-700	-0.395575622
12177	9/3/2019 12:37:42		-122.363	37.716				2058.73304	RS-700	0.600661891
12178	9/3/2019 12:37:43		-122.363	37.716				2097.2726	RS-700	0.792400995
12179	9/3/2019 12:37:44		-122.363	37.716				2124.84351	RS-700	0.929569701
12180	9/3/2019 12:37:45		-122.363	37.716				2120.76756	RS-700	0.909291343
12181	9/3/2019 12:37:46		-122.363	37.716				1864.85345	RS-700	-0.363913184
12182	9/3/2019 12:37:47		-122.363	37.716				1834.7499	RS-700	-0.51368209
12183	9/3/2019 12:37:48		-122.363	37.716				1878.20795	RS-700	-0.297472886
12184	9/3/2019 12:37:49		-122.363	37.716				1973.39906	RS-700	0.176114726
12185	9/3/2019 12:37:50		-122.363	37.716				1964.60298	RS-700	0.132353134
12186	9/3/2019 12:37:51		-122.363	37.716				1954.79551	RS-700	0.083559751
12187	9/3/2019 12:37:52		-122.363	37.716				1732.62745	RS-700	-1.02175398
12188	9/3/2019 12:37:53		-122.363	37.716				1679.91291	RS-700	-1.284015373
12189	9/3/2019 12:37:54		-122.363	37.716				1671.38795	RS-700	-1.326428109
12190	9/3/2019 12:37:55		-122.363	37.716				2010.12249	RS-700	0.358818358
12191	9/3/2019 12:37:56		-122.363	37.716				1955.79685	RS-700	0.088541542
12192	9/3/2019 12:37:57		-122.363	37.716				1857.58121	RS-700	-0.400093483
12193	9/3/2019 12:37:58		-122.363	37.716				1943.70256	RS-700	0.028370945
12194	9/3/2019 12:37:59		-122.363	37.716				1884.9533	RS-700	-0.26391393
12195	9/3/2019 12:38:00		-122.363	37.7159				2021.4184	RS-700	0.415016915
12196	9/3/2019 12:38:01		-122.363	37.7159				2080.14478	RS-700	0.70718796
12197	9/3/2019 12:38:02		-122.363	37.7159				2094.05725	RS-700	0.776404229
12198	9/3/2019 12:38:03		-122.363	37.7159				2046.83569	RS-700	0.541471095
12199	9/3/2019 12:38:04		-122.363	37.7159				2025.92193	RS-700	0.437422537

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SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
12200	9/3/2019 12:38:05		-122.363	37.7159				1944.79136	RS-700	0.033787861
12201	9/3/2019 12:38:06		-122.363	37.7159				2004.41436	RS-700	0.330419701
12202	9/3/2019 12:38:07		-122.363	37.7159				2030.42844	RS-700	0.459842985
12203	9/3/2019 12:38:08		-122.363	37.7159				2076.63915	RS-700	0.689747015
12204	9/3/2019 12:38:09		-122.363	37.7159				1946.99411	RS-700	0.044746816
12205	9/3/2019 12:38:10		-122.363	37.7159				1992.69459	RS-700	0.272112388
12206	9/3/2019 12:38:11		-122.363	37.7159				2098.33147	RS-700	0.797669005
12207	9/3/2019 12:38:12		-122.363	37.7159				2064.14998	RS-700	0.627611841
12208	9/3/2019 12:38:13		-122.363	37.7159				2027.31912	RS-700	0.444373731
12209	9/3/2019 12:38:14		-122.363	37.7159				2025.81609	RS-700	0.43689597
12210	9/3/2019 12:38:15		-122.363	37.7159				2056.6259	RS-700	0.590178607
12211	9/3/2019 12:38:16		-122.363	37.7159				2080.42502	RS-700	0.708582189
12212	9/3/2019 12:38:17		-122.363	37.7159				2061.64394	RS-700	0.61514398
12213	9/3/2019 12:38:18		-122.363	37.7158				1940.59936	RS-700	0.012932139
12214	9/3/2019 12:38:19		-122.363	37.7158				2014.71551	RS-700	0.381669204
12215	9/3/2019 12:38:20		-122.363	37.7158				1969.52605	RS-700	0.15684602
12216	9/3/2019 12:38:21		-122.363	37.7158				1976.60166	RS-700	0.19204806
12217	9/3/2019 12:38:22		-122.363	37.7158				2001.31892	RS-700	0.315019502
12218	9/3/2019 12:38:23		-122.363	37.7158				1863.47829	RS-700	-0.370754776
12219	9/3/2019 12:38:24		-122.363	37.7158				1969.80517	RS-700	0.158234677
12220	9/3/2019 12:38:25		-122.363	37.7158				1991.10101	RS-700	0.264184129
12221	9/3/2019 12:38:26		-122.363	37.7158				1856.56708	RS-700	-0.405138905
12222	9/3/2019 12:38:27		-122.363	37.7158				1885.48606	RS-700	-0.261263383
12223	9/3/2019 12:38:28		-122.363	37.7158				1831.11113	RS-700	-0.531785423
12224	9/3/2019 12:38:29		-122.363	37.7158				1755.18878	RS-700	-0.909508557
12225	9/3/2019 12:38:30		-122.363	37.7158				1810.64672	RS-700	-0.633598408
12226	9/3/2019 12:38:31		-122.363	37.7158				1787.46545	RS-700	-0.748928109
12227	9/3/2019 12:38:32		-122.363	37.7158				1778.3766	RS-700	-0.794146269
12228	9/3/2019 12:38:33		-122.363	37.7158				1753.53896	RS-700	-0.917716617
12229	9/3/2019 12:38:34		-122.363	37.7158				1788.01067	RS-700	-0.746215572
12230	9/3/2019 12:38:35		-122.363	37.7158				1856.4825	RS-700	-0.405559701
12231	9/3/2019 12:38:36		-122.363	37.7158				1703.43359	RS-700	-1.166997065
12232	9/3/2019 12:38:37		-122.362	37.7158				1787.36979	RS-700	-0.74940403
12233	9/3/2019 12:38:38		-122.362	37.7158				1798.55312	RS-700	-0.693765572
12234	9/3/2019 12:38:39		-122.362	37.7157				1910.87926	RS-700	-0.134929055
12235	9/3/2019 12:38:40		-122.362	37.7157				1912.97157	RS-700	-0.124519552
12236	9/3/2019 12:38:41		-122.362	37.7157				1869.47878	RS-700	-0.340901592
12237	9/3/2019 12:38:42		-122.362	37.7157				1997.91558	RS-700	0.298087463
12238	9/3/2019 12:38:43		-122.362	37.7157				2014.81012	RS-700	0.3821399
12239	9/3/2019 12:38:44		-122.362	37.7157				1956.50142	RS-700	0.092046866
12240	9/3/2019 12:38:45		-122.362	37.7157				1986.20886	RS-700	0.239845075
12241	9/3/2019 12:38:46		-122.362	37.7157				1989.612	RS-700	0.256776119
12242	9/3/2019 12:38:47		-122.362	37.7157				2063.53598	RS-700	0.624557114
12243	9/3/2019 12:38:48		-122.362	37.7157				1988.73256	RS-700	0.252400796
12244	9/3/2019 12:38:49		-122.362	37.7157				1918.88627	RS-700	-0.095093184
12245	9/3/2019 12:38:50		-122.362	37.7157				1789.52862	RS-700	-0.738663582
12246	9/3/2019 12:38:51		-122.362	37.7157				1761.40972	RS-700	-0.878558607
12247	9/3/2019 12:38:52		-122.362	37.7157				1964.07438	RS-700	0.129723284
12248	9/3/2019 12:38:53		-122.362	37.7157				2019.42733	RS-700	0.405111095
12249	9/3/2019 12:38:54		-122.362	37.7157				2073.84622	RS-700	0.675851841
12250	9/3/2019 12:38:55		-122.362	37.7157				1967.80307	RS-700	0.14827398
12251	9/3/2019 12:38:56		-122.362	37.7157				1940.59565	RS-700	0.012913682
12252	9/3/2019 12:38:57		-122.362	37.7157				2023.92703	RS-700	0.427497662
12253	9/3/2019 12:38:58		-122.362	37.7157				2048.52819	RS-700	0.549891493
12254	9/3/2019 12:38:59		-122.362	37.7156				1929.97753	RS-700	-0.039912786
12255	9/3/2019 12:39:00		-122.362	37.7156				1898.77658	RS-700	-0.195141393
12256	9/3/2019 12:39:01		-122.362	37.7156				1887.38907	RS-700	-0.251795672
12257	9/3/2019 12:39:02		-122.362	37.7156				1847.37612	RS-700	-0.450865075
12258	9/3/2019 12:39:03		-122.362	37.7156				1925.6922	RS-700	-0.061232836
12259	9/3/2019 12:39:04		-122.362	37.7156				1947.98768	RS-700	0.04968995
12260	9/3/2019 12:39:05		-122.362	37.7156				1952.80152	RS-700	0.073639403

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Survey Unit 5 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
12261	9/3/2019 12:39:06		-122.362	37.7156				1974.21044	RS-700	0.180151443
12262	9/3/2019 12:39:07		-122.362	37.7156				2006.31243	RS-700	0.339862836
12263	9/3/2019 12:39:08		-122.362	37.7156				1957.80842	RS-700	0.098549353
12264	9/3/2019 12:39:09		-122.362	37.7156				1991.82084	RS-700	0.267765373
12265	9/3/2019 12:39:10		-122.362	37.7156				2016.11636	RS-700	0.388638607
12266	9/3/2019 12:39:11		-122.362	37.7156				1881.66505	RS-700	-0.280273383
12267	9/3/2019 12:39:12		-122.362	37.7156				1917.58897	RS-700	-0.101547413
12268	9/3/2019 12:39:13		-122.362	37.7156				1888.77146	RS-700	-0.244918109
12269	9/3/2019 12:39:14		-122.362	37.7156				1910.58826	RS-700	-0.136376816
12270	9/3/2019 12:39:15		-122.362	37.7156				1896.77353	RS-700	-0.205106816
12271	9/3/2019 12:39:16		-122.362	37.7156				1977.8085	RS-700	0.198052239
12272	9/3/2019 12:39:17		-122.362	37.7155				2022.3175	RS-700	0.41949005
12273	9/3/2019 12:39:18		-122.362	37.7155				2005.5184	RS-700	0.335912438
12274	9/3/2019 12:39:19		-122.362	37.7155				2012.72136	RS-700	0.37174806
12275	9/3/2019 12:39:20		-122.362	37.7155				2034.41072	RS-700	0.479655323
12276	9/3/2019 12:39:21		-122.362	37.7155				1966.90024	RS-700	0.143782289
12277	9/3/2019 12:39:22		-122.362	37.7155				1855.29347	RS-700	-0.411475274
12278	9/3/2019 12:39:23		-122.362	37.7155				1952.08811	RS-700	0.0700901
12279	9/3/2019 12:39:24		-122.362	37.7155				1857.75677	RS-700	-0.39922005
12280	9/3/2019 12:39:25		-122.362	37.7155				1775.45801	RS-700	-0.808666617
12281	9/3/2019 12:39:26		-122.362	37.7155				1859.75137	RS-700	-0.389296667
12282	9/3/2019 12:39:27		-122.362	37.7155				2045.92292	RS-700	0.53692995
12283	9/3/2019 12:39:28		-122.362	37.7155				1930.0711	RS-700	-0.039447264
12284	9/3/2019 12:39:29		-122.362	37.7155				1858.38477	RS-700	-0.396095672
12285	9/3/2019 12:39:30		-122.362	37.7155				1823.74379	RS-700	-0.568438856
12286	9/3/2019 12:39:31		-122.362	37.7155				1743.09803	RS-700	-0.969661542
12287	9/3/2019 12:39:32		-122.362	37.7155				1874.67089	RS-700	-0.315070199
12288	9/3/2019 12:39:33		-122.362	37.7155				1981.80918	RS-700	0.217956119
12289	9/3/2019 12:39:34		-122.362	37.7155				2037.82528	RS-700	0.496643184
12290	9/3/2019 12:39:35		-122.362	37.7155				1931.69168	RS-700	-0.031384677
12291	9/3/2019 12:39:36		-122.362	37.7155				1974.61393	RS-700	0.182158856
12292	9/3/2019 12:39:37		-122.362	37.7154				1966.70383	RS-700	0.142805124
12293	9/3/2019 12:39:38		-122.362	37.7154				1936.07937	RS-700	-0.009555373
12294	9/3/2019 12:39:39		-122.362	37.7154				1827.65328	RS-700	-0.548988657
12295	9/3/2019 12:39:40		-122.362	37.7154				1916.49333	RS-700	-0.106998358
12296	9/3/2019 12:39:41		-122.362	37.7154				1984.50703	RS-700	0.231378259
12297	9/3/2019 12:39:42		-122.362	37.7154				1933.06965	RS-700	-0.024529104
12298	9/3/2019 12:39:43		-122.362	37.7154				1926.4933	RS-700	-0.057247264
12299	9/3/2019 12:39:44		-122.362	37.7154				1860.2565	RS-700	-0.386783582
12300	9/3/2019 12:39:45		-122.362	37.7154				1849.84836	RS-700	-0.438565373
12301	9/3/2019 12:39:46		-122.362	37.7154				1883.86333	RS-700	-0.269336667
12302	9/3/2019 12:39:47		-122.362	37.7154				1849.38689	RS-700	-0.440861244
12303	9/3/2019 12:39:48		-122.362	37.7154				1941.66877	RS-700	0.018252587
12304	9/3/2019 12:39:49		-122.362	37.7154				1920.69198	RS-700	-0.086109552
12305	9/3/2019 12:39:50		-122.362	37.7154				1924.39709	RS-700	-0.067676169
12306	9/3/2019 12:39:51		-122.362	37.7154				1937.79054	RS-700	-0.00104209
12307	9/3/2019 12:39:52		-122.362	37.7154				1826.65395	RS-700	-0.553960448
12308	9/3/2019 12:39:53		-122.362	37.7154				1955.69865	RS-700	0.088052985
12309	9/3/2019 12:39:54		-122.362	37.7154				1980.90946	RS-700	0.2134799
12310	9/3/2019 12:39:55		-122.362	37.7154				1872.66264	RS-700	-0.325061493
12311	9/3/2019 12:39:56		-122.362	37.7154				1955.88787	RS-700	0.088994378
12312	9/3/2019 12:39:57		-122.362	37.7154				1896.5849	RS-700	-0.206045274
12313	9/3/2019 12:39:58		-122.362	37.7154				1995.72065	RS-700	0.287167413
12314	9/3/2019 12:39:59		-122.362	37.7154				1936.88149	RS-700	-0.005564726
12315	9/3/2019 12:40:00		-122.362	37.7154				1971.80456	RS-700	0.168181891
12316	9/3/2019 12:40:01		-122.362	37.7154				1972.89833	RS-700	0.173623532
12317	9/3/2019 12:40:02		-122.362	37.7154				1924.78619	RS-700	-0.065740348
12318	9/3/2019 12:40:03		-122.362	37.7154				1996.71588	RS-700	0.292118806
12319	9/3/2019 12:40:04		-122.362	37.7154				2029.93178	RS-700	0.45737204
12320	9/3/2019 12:40:05		-122.362	37.7153				1901.68154	RS-700	-0.180688856
12321	9/3/2019 12:40:06		-122.362	37.7153				1884.4874	RS-700	-0.266231841

Gamma Scan Survey Results
Survey Unit 5 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
12322	9/3/2019 12:40:07		-122.362	37.7153				1930.39628	RS-700	-0.037829453
12323	9/3/2019 12:40:08		-122.362	37.7153				1896.77312	RS-700	-0.205108856
12324	9/3/2019 12:40:09		-122.362	37.7153				1877.94773	RS-700	-0.298767512
12325	9/3/2019 12:40:10		-122.362	37.7153				1922.97659	RS-700	-0.074743333
12326	9/3/2019 12:40:11		-122.362	37.7153				1883.49109	RS-700	-0.271188607
12327	9/3/2019 12:40:12		-122.362	37.7153				1781.36838	RS-700	-0.779261791
12328	9/3/2019 12:40:13		-122.362	37.7153				1737.18387	RS-700	-0.999085224
12329	9/3/2019 12:40:14		-122.362	37.7153				1851.81987	RS-700	-0.428756866
12330	9/3/2019 12:40:15		-122.362	37.7153				1830.11589	RS-700	-0.536736866
12331	9/3/2019 12:40:16		-122.362	37.7153				1844.66495	RS-700	-0.464353483
12332	9/3/2019 12:40:17		-122.362	37.7153				1854.76953	RS-700	-0.41408194
12333	9/3/2019 12:40:18		-122.362	37.7153				1829.30673	RS-700	-0.540762537
12334	9/3/2019 12:40:19		-122.362	37.7153				2023.13599	RS-700	0.423562139
12335	9/3/2019 12:40:20		-122.362	37.7153				1869.57536	RS-700	-0.340421095
12336	9/3/2019 12:40:21		-122.362	37.7153				2011.42522	RS-700	0.365299602
12337	9/3/2019 12:40:22		-122.362	37.7153				1918.77659	RS-700	-0.095638856
12338	9/3/2019 12:40:23		-122.362	37.7153				1808.6503	RS-700	-0.643530846
12339	9/3/2019 12:40:24		-122.362	37.7153				1904.777	RS-700	-0.165288557
12340	9/3/2019 12:40:25		-122.362	37.7153				1780.84862	RS-700	-0.781847662
12341	9/3/2019 12:40:26		-122.362	37.7152				1813.64674	RS-700	-0.618672935
12342	9/3/2019 12:40:27		-122.362	37.7152				1869.04319	RS-700	-0.343068706
12343	9/3/2019 12:40:28		-122.362	37.7152				1843.46618	RS-700	-0.470317512
12344	9/3/2019 12:40:29		-122.362	37.7152				1838.66942	RS-700	-0.49418199
12345	9/3/2019 12:40:30		-122.362	37.7152				1874.5735	RS-700	-0.315554726
12346	9/3/2019 12:40:31		-122.362	37.7152				1867.85177	RS-700	-0.348996169
12347	9/3/2019 12:40:32		-122.362	37.7152				1817.55969	RS-700	-0.599205522
12348	9/3/2019 12:40:33		-122.362	37.7152				1775.69954	RS-700	-0.807464975
12349	9/3/2019 12:40:34		-122.362	37.7152				1811.55738	RS-700	-0.629067761
12350	9/3/2019 12:40:35		-122.362	37.7152				1809.74808	RS-700	-0.638069254
12351	9/3/2019 12:40:36		-122.362	37.7152				1772.45457	RS-700	-0.823609104
12352	9/3/2019 12:40:37		-122.362	37.7152				1725.44255	RS-700	-1.057499751
12353	9/3/2019 12:40:38		-122.362	37.7152				1806.91821	RS-700	-0.652148209
12354	9/3/2019 12:40:39		-122.362	37.7152				1873.4863	RS-700	-0.320963682
12355	9/3/2019 12:40:40		-122.361	37.7152				1888.77014	RS-700	-0.244924677
12356	9/3/2019 12:40:41		-122.361	37.7152				1836.02434	RS-700	-0.507341592
12357	9/3/2019 12:40:42		-122.361	37.7152				1890.77194	RS-700	-0.234965473
12358	9/3/2019 12:40:43		-122.361	37.7152				1876.48311	RS-700	-0.306054179
12359	9/3/2019 12:40:44		-122.361	37.7152				1826.65586	RS-700	-0.553950945
12360	9/3/2019 12:40:45		-122.361	37.7151				1821.74226	RS-700	-0.578396716
12361	9/3/2019 12:40:46		-122.361	37.7151				1802.46377	RS-700	-0.674309602
12362	9/3/2019 12:40:47		-122.361	37.7151				1827.56406	RS-700	-0.549432537
12363	9/3/2019 12:40:48		-122.361	37.7151				1872.76461	RS-700	-0.324554179
12364	9/3/2019 12:40:49		-122.361	37.7151				1949.01089	RS-700	0.054780547
12365	9/3/2019 12:40:50		-122.361	37.7151				1991.71313	RS-700	0.267229502
12366	9/3/2019 12:40:51		-122.361	37.7151				1763.00378	RS-700	-0.87062796
12367	9/3/2019 12:40:52		-122.361	37.7151				1650.57555	RS-700	-1.429972388
12368	9/3/2019 12:40:53		-122.361	37.7151				1546.2921	RS-700	-1.948795522
12369	9/3/2019 12:40:54		-122.361	37.7151				1618.35691	RS-700	-1.590264129
12370	9/3/2019 12:40:55		-122.361	37.7151				1800.09444	RS-700	-0.686097313
12371	9/3/2019 12:40:56		-122.361	37.7151				1820.55518	RS-700	-0.584302587
12372	9/3/2019 12:40:57		-122.361	37.7151				1784.01128	RS-700	-0.766113035
12373	9/3/2019 12:40:58		-122.361	37.7151				1710.60978	RS-700	-1.131294627
12374	9/3/2019 12:40:59		-122.361	37.7151				1772.72817	RS-700	-0.82224791
12375	9/3/2019 12:41:00		-122.361	37.7151				1826.10991	RS-700	-0.556667114
12376	9/3/2019 12:41:01		-122.361	37.7151				1832.11475	RS-700	-0.526792289
12377	9/3/2019 12:41:02		-122.361	37.7151				1794.73146	RS-700	-0.712778806
12378	9/3/2019 12:41:03		-122.361	37.7151				1848.39019	RS-700	-0.44581995
12379	9/3/2019 12:41:04		-122.361	37.7151				1880.67514	RS-700	-0.285198308
12380	9/3/2019 12:41:05		-122.361	37.7151				1860.2915	RS-700	-0.386609453
12381	9/3/2019 12:41:06		-122.361	37.715				1849.65928	RS-700	-0.43950607
12382	9/3/2019 12:41:07		-122.361	37.715				1889.6736	RS-700	-0.240429851

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SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
12383	9/3/2019 12:41:08		-122.361	37.715				1894.11059	RS-700	-0.218355274
12384	9/3/2019 12:41:09		-122.361	37.715				1915.59105	RS-700	-0.111487313
12385	9/3/2019 12:41:10		-122.361	37.715				1948.88583	RS-700	0.054158358
12386	9/3/2019 12:41:11		-122.361	37.715				1887.48419	RS-700	-0.251322438
12387	9/3/2019 12:41:12		-122.361	37.715				1800.54657	RS-700	-0.68384791
12388	9/3/2019 12:41:13		-122.361	37.715				1786.72937	RS-700	-0.752590199
12389	9/3/2019 12:41:14		-122.361	37.715				1828.65355	RS-700	-0.544012189
12390	9/3/2019 12:41:15		-122.361	37.715				1771.3668	RS-700	-0.829020896
12391	9/3/2019 12:41:16		-122.361	37.715				1819.28489	RS-700	-0.590622438
12392	9/3/2019 12:41:17		-122.361	37.715				1936.51493	RS-700	-0.007388408
12393	9/3/2019 12:41:18		-122.361	37.715				1876.7663	RS-700	-0.304645274
12394	9/3/2019 12:41:19		-122.361	37.715				1891.57953	RS-700	-0.230947612
12395	9/3/2019 12:41:20		-122.361	37.715				1914.07112	RS-700	-0.119049154
12396	9/3/2019 12:41:21		-122.361	37.715				1921.49509	RS-700	-0.08211398
12397	9/3/2019 12:41:22		-122.361	37.715				1880.05366	RS-700	-0.288290249
12398	9/3/2019 12:41:23		-122.361	37.715				1744.88493	RS-700	-0.960771493
12399	9/3/2019 12:41:24		-122.361	37.715				1831.37657	RS-700	-0.530464826
12400	9/3/2019 12:41:25		-122.361	37.715				1932.078	RS-700	-0.029462687
12401	9/3/2019 12:41:26		-122.361	37.7149				1898.8679	RS-700	-0.194687065
12402	9/3/2019 12:41:27		-122.361	37.7149				2003.41674	RS-700	0.325456418
12403	9/3/2019 12:41:28		-122.361	37.7149				1969.70351	RS-700	0.157728905
12404	9/3/2019 12:41:29		-122.361	37.7149				1876.95352	RS-700	-0.303713831
12405	9/3/2019 12:41:30		-122.361	37.7149				1761.2756	RS-700	-0.879225871
12406	9/3/2019 12:41:31		-122.361	37.7149				1784.44877	RS-700	-0.763936468
12407	9/3/2019 12:41:32		-122.361	37.7149				1816.46582	RS-700	-0.604647662
12408	9/3/2019 12:41:33		-122.361	37.7149				1701.41721	RS-700	-1.177028806
12409	9/3/2019 12:41:34		-122.361	37.7149				1551.39105	RS-700	-1.923427612
12410	9/3/2019 12:41:35		-122.361	37.7149				1343.26818	RS-700	-2.958864776
12411	9/3/2019 12:41:36		-122.361	37.7149				1196.0722	RS-700	-3.691183085
12412	9/3/2019 12:41:37		-122.361	37.7149				1079.11504	RS-700	-4.273059502
12413	9/3/2019 12:41:38		-122.361	37.7149				1025.2117	RS-700	-4.541235323
12414	9/3/2019 12:41:39		-122.361	37.7149				1300.33568	RS-700	-3.172459303
12415	9/3/2019 12:41:40		-122.361	37.7149				1526.46999	RS-700	-2.047412985
12416	9/3/2019 12:41:41		-122.361	37.7149				1813.73817	RS-700	-0.61821806
12417	9/3/2019 12:41:42		-122.361	37.7149				1820.37798	RS-700	-0.585184179
12418	9/3/2019 12:41:43		-122.361	37.7149				1920.78443	RS-700	-0.085649602
12419	9/3/2019 12:41:44		-122.361	37.7149				1786.54986	RS-700	-0.753483284
12420	9/3/2019 12:41:45		-122.361	37.7149				1889.47887	RS-700	-0.241398657
12421	9/3/2019 12:41:46		-122.361	37.7149				1827.11042	RS-700	-0.551689453
12422	9/3/2019 12:41:47		-122.361	37.7148				1906.58731	RS-700	-0.15628204
12423	9/3/2019 12:41:48		-122.361	37.7148				1838.55729	RS-700	-0.494739851
12424	9/3/2019 12:41:49		-122.361	37.7148				1788.55085	RS-700	-0.743528109
12425	9/3/2019 12:41:50		-122.361	37.7148				1829.56123	RS-700	-0.539496368
12426	9/3/2019 12:41:51		-122.361	37.7148				1924.07673	RS-700	-0.06927
12427	9/3/2019 12:41:52		-122.361	37.7148				1855.29271	RS-700	-0.411479055
12428	9/3/2019 12:41:53		-122.361	37.7148				1677.22577	RS-700	-1.297384229
12429	9/3/2019 12:41:54		-122.361	37.7148				1657.84344	RS-700	-1.393813731
12430	9/3/2019 12:41:55		-122.361	37.7148				1622.30896	RS-700	-1.570602189
12431	9/3/2019 12:41:56		-122.361	37.7148				1928.17173	RS-700	-0.048896866
12432	9/3/2019 12:41:57		-122.361	37.7148				1990.61519	RS-700	0.261767114
12433	9/3/2019 12:41:58		-122.361	37.7148				1905.49537	RS-700	-0.161714577
12434	9/3/2019 12:41:59		-122.361	37.7148				1880.14455	RS-700	-0.28783806
12435	9/3/2019 12:42:00		-122.361	37.7148				2004.11263	RS-700	0.328918557
12436	9/3/2019 12:42:01		-122.361	37.7148				1974.80673	RS-700	0.18311806
12437	9/3/2019 12:42:02		-122.361	37.7148				1915.68308	RS-700	-0.111029453
12438	9/3/2019 12:42:03		-122.361	37.7148				2060.04407	RS-700	0.607184428
12439	9/3/2019 12:42:04		-122.361	37.7148				1928.59346	RS-700	-0.046798706
12440	9/3/2019 12:42:05		-122.361	37.7148				1943.69496	RS-700	0.028333134
12441	9/3/2019 12:42:06		-122.361	37.7148				1805.64524	RS-700	-0.658481393
12442	9/3/2019 12:42:07		-122.361	37.7148				1806.73214	RS-700	-0.65307393
12443	9/3/2019 12:42:08		-122.361	37.7147				1906.68119	RS-700	-0.155814975

Gamma Scan Survey Results
Survey Unit 5 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
12444	9/3/2019 12:42:09		-122.361	37.7147				1918.30168	RS-700	-0.098001592
12445	9/3/2019 12:42:10		-122.361	37.7147				1941.59866	RS-700	0.017903781
12446	9/3/2019 12:42:11		-122.361	37.7147				1892.48958	RS-700	-0.22642
12447	9/3/2019 12:42:12		-122.361	37.7147				1890.95653	RS-700	-0.234047114
12448	9/3/2019 12:42:13		-122.361	37.7147				1853.9124	RS-700	-0.418346269
12449	9/3/2019 12:42:14		-122.361	37.7147				1943.68253	RS-700	0.028271294
12450	9/3/2019 12:42:15		-122.361	37.7147				1861.29035	RS-700	-0.38164005
12451	9/3/2019 12:42:16		-122.361	37.7147				1891.15601	RS-700	-0.233054677
12452	9/3/2019 12:42:17		-122.361	37.7147				1889.58104	RS-700	-0.240890348
12453	9/3/2019 12:42:18		-122.361	37.7147				1851.3824	RS-700	-0.430933333
12454	9/3/2019 12:42:19		-122.361	37.7147				1848.47625	RS-700	-0.445391791
12455	9/3/2019 12:42:20		-122.361	37.7147				1777.10363	RS-700	-0.800479453
12456	9/3/2019 12:42:21		-122.361	37.7147				1864.85787	RS-700	-0.363891194
12457	9/3/2019 12:42:22		-122.361	37.7147				1886.58082	RS-700	-0.255816816
12458	9/3/2019 12:42:23		-122.361	37.7147				1864.84703	RS-700	-0.363945124
12459	9/3/2019 12:42:24		-122.361	37.7147				2012.31972	RS-700	0.369749851
12460	9/3/2019 12:42:25		-122.361	37.7147				1857.38188	RS-700	-0.401085174
12461	9/3/2019 12:42:26		-122.361	37.7147				1855.84911	RS-700	-0.408710896
12462	9/3/2019 12:42:27		-122.361	37.7147				1895.6805	RS-700	-0.210544776
12463	9/3/2019 12:42:28		-122.361	37.7146				1994.01488	RS-700	0.278680995
12464	9/3/2019 12:42:29		-122.361	37.7146				1929.49929	RS-700	-0.04229209
12465	9/3/2019 12:42:30		-122.361	37.7146				1886.76596	RS-700	-0.254895721
12466	9/3/2019 12:42:31		-122.361	37.7146				1829.92833	RS-700	-0.53767
12467	9/3/2019 12:42:32		-122.361	37.7146				1846.7529	RS-700	-0.453965672
12468	9/3/2019 12:42:33		-122.361	37.7146				1780.44843	RS-700	-0.783838657
12469	9/3/2019 12:42:34		-122.361	37.7146				1836.54775	RS-700	-0.504737562
12470	9/3/2019 12:42:35		-122.361	37.7146				1861.39559	RS-700	-0.381116468
12471	9/3/2019 12:42:36		-122.361	37.7146				1830.01783	RS-700	-0.537224726
12472	9/3/2019 12:42:37		-122.361	37.7146				1922.88615	RS-700	-0.075193284
12473	9/3/2019 12:42:38		-122.361	37.7146				1829.46692	RS-700	-0.539965572
12474	9/3/2019 12:42:39		-122.361	37.7146				1852.66423	RS-700	-0.42455607
12475	9/3/2019 12:42:40		-122.36	37.7146				1918.68223	RS-700	-0.096108308
12476	9/3/2019 12:42:41		-122.36	37.7146				2003.91491	RS-700	0.327934876
12477	9/3/2019 12:42:42		-122.36	37.7146				1964.40308	RS-700	0.131358607
12478	9/3/2019 12:42:43		-122.36	37.7146				1863.66363	RS-700	-0.369832687
12479	9/3/2019 12:42:44		-122.36	37.7146				1873.68407	RS-700	-0.319979751
12480	9/3/2019 12:42:45		-122.36	37.7146				1807.64628	RS-700	-0.64852597
12481	9/3/2019 12:42:46		-122.36	37.7146				1804.19195	RS-700	-0.665711692
12482	9/3/2019 12:42:47		-122.36	37.7146				1817.72909	RS-700	-0.598362736
12483	9/3/2019 12:42:48		-122.36	37.7145				1817.75287	RS-700	-0.598244428
12484	9/3/2019 12:42:49		-122.36	37.7145				1923.38998	RS-700	-0.072686667
12485	9/3/2019 12:42:50		-122.36	37.7145				1860.8546	RS-700	-0.38380796
12486	9/3/2019 12:42:51		-122.36	37.7145				1936.79113	RS-700	-0.006014279
12487	9/3/2019 12:42:52		-122.36	37.7145				1859.75805	RS-700	-0.389263433
12488	9/3/2019 12:42:53		-122.36	37.7145				1867.57803	RS-700	-0.35035806
12489	9/3/2019 12:42:54		-122.36	37.7145				1882.06715	RS-700	-0.278272886
12490	9/3/2019 12:42:55		-122.36	37.7145				1944.00861	RS-700	0.029893582
12491	9/3/2019 12:42:56		-122.36	37.7145				1908.58429	RS-700	-0.146346816
12492	9/3/2019 12:42:57		-122.36	37.7145				1958.69929	RS-700	0.102981542
12493	9/3/2019 12:42:58		-122.36	37.7145				1863.5769	RS-700	-0.370264179
12494	9/3/2019 12:42:59		-122.36	37.7145				1844.12015	RS-700	-0.46706393
12495	9/3/2019 12:43:00		-122.36	37.7145				1761.7157	RS-700	-0.877036318
12496	9/3/2019 12:43:01		-122.36	37.7145				1796.91285	RS-700	-0.701926119
12497	9/3/2019 12:43:02		-122.36	37.7145				1845.56465	RS-700	-0.459877363
12498	9/3/2019 12:43:03		-122.36	37.7145				1834.84241	RS-700	-0.513221841
12499	9/3/2019 12:43:04		-122.36	37.7145				1781.81569	RS-700	-0.777036368
12500	9/3/2019 12:43:05		-122.36	37.7145				1841.66176	RS-700	-0.479294726
12501	9/3/2019 12:43:06		-122.36	37.7145				1883.04903	RS-700	-0.27338791
12502	9/3/2019 12:43:07		-122.36	37.7145				1929.49891	RS-700	-0.04229398
12503	9/3/2019 12:43:08		-122.36	37.7144				1883.38852	RS-700	-0.271698905
12504	9/3/2019 12:43:09		-122.36	37.7144				1856.07162	RS-700	-0.407603881

Gamma Scan Survey Results
Survey Unit 5 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
12505	9/3/2019 12:43:10		-122.36	37.7144				1908.30126	RS-700	-0.147754925
12506	9/3/2019 12:43:11		-122.36	37.7144				1876.56939	RS-700	-0.305624925
12507	9/3/2019 12:43:12		-122.36	37.7144				1899.06546	RS-700	-0.193704179
12508	9/3/2019 12:43:13		-122.36	37.7144				1856.501	RS-700	-0.405467662
12509	9/3/2019 12:43:14		-122.36	37.7144				1800.46377	RS-700	-0.684259851
12510	9/3/2019 12:43:15		-122.36	37.7144				1830.7461	RS-700	-0.533601493
12511	9/3/2019 12:43:16		-122.36	37.7144				1856.38397	RS-700	-0.4060499
12512	9/3/2019 12:43:17		-122.36	37.7144				1803.3749	RS-700	-0.669776617
12513	9/3/2019 12:43:18		-122.36	37.7144				1682.78625	RS-700	-1.269720149
12514	9/3/2019 12:43:19		-122.36	37.7144				1707.51918	RS-700	-1.146670746
12515	9/3/2019 12:43:20		-122.36	37.7144				1785.72434	RS-700	-0.757590348
12516	9/3/2019 12:43:21		-122.36	37.7144				1765.36412	RS-700	-0.858884975
12517	9/3/2019 12:43:22		-122.36	37.7144				1815.83047	RS-700	-0.607808607
12518	9/3/2019 12:43:23		-122.36	37.7144				1782.62555	RS-700	-0.773007214
12519	9/3/2019 12:43:24		-122.36	37.7144				1826.192	RS-700	-0.556258706
12520	9/3/2019 12:43:25		-122.36	37.7144				1781.45646	RS-700	-0.778823582
12521	9/3/2019 12:43:26		-122.36	37.7144				1769.72681	RS-700	-0.83718005
12522	9/3/2019 12:43:27		-122.36	37.7144				1853.66538	RS-700	-0.419575224
12523	9/3/2019 12:43:28		-122.36	37.7144				1881.86004	RS-700	-0.279303284
12524	9/3/2019 12:43:29		-122.36	37.7143				1755.79922	RS-700	-0.906471542
12525	9/3/2019 12:43:30		-122.36	37.7143				1796.55315	RS-700	-0.703715672
12526	9/3/2019 12:43:31		-122.36	37.7143				1726.61784	RS-700	-1.051652537
12527	9/3/2019 12:43:32		-122.36	37.7143				1734.61667	RS-700	-1.011857363
12528	9/3/2019 12:43:33		-122.36	37.7143				1801.36784	RS-700	-0.67976199
12529	9/3/2019 12:43:34		-122.36	37.7143				1770.63277	RS-700	-0.832672786
12530	9/3/2019 12:43:35		-122.36	37.7143				1819.74209	RS-700	-0.588347811
12531	9/3/2019 12:43:36		-122.36	37.7143				1860.47976	RS-700	-0.385672836
12532	9/3/2019 12:43:37		-122.36	37.7143				1764.80692	RS-700	-0.861657114
12533	9/3/2019 12:43:38		-122.36	37.7143				1740.62296	RS-700	-0.981975323
12534	9/3/2019 12:43:39		-122.36	37.7143				1790.5523	RS-700	-0.733570647
12535	9/3/2019 12:43:40		-122.36	37.7143				1811.74027	RS-700	-0.628157861
12536	9/3/2019 12:43:41		-122.36	37.7143				1840.93447	RS-700	-0.482913085
12537	9/3/2019 12:43:42		-122.36	37.7143				1813.55782	RS-700	-0.619115323
12538	9/3/2019 12:43:43		-122.36	37.7143				1715.69677	RS-700	-1.105986219
12539	9/3/2019 12:43:44		-122.36	37.7143				1693.78004	RS-700	-1.215024677
12540	9/3/2019 12:43:45		-122.36	37.7143				1773.2783	RS-700	-0.819510945
12541	9/3/2019 12:43:46		-122.36	37.7143				1765.89692	RS-700	-0.856234229
12542	9/3/2019 12:43:47		-122.36	37.7143				1797.64633	RS-700	-0.698276965
12543	9/3/2019 12:43:48		-122.36	37.7143				1882.8626	RS-700	-0.274315423
12544	9/3/2019 12:43:49		-122.36	37.7143				1809.55755	RS-700	-0.639017164
12545	9/3/2019 12:43:50		-122.36	37.7143				1901.95719	RS-700	-0.179317463
12546	9/3/2019 12:43:51		-122.36	37.7143				1788.46436	RS-700	-0.743958408
12547	9/3/2019 12:43:52		-122.36	37.7143				1819.56092	RS-700	-0.589249154
12548	9/3/2019 12:43:53		-122.36	37.7143				1831.83604	RS-700	-0.528178905
12549	9/3/2019 12:43:54		-122.36	37.7143				1751.71363	RS-700	-0.926797861
12550	9/3/2019 12:43:55		-122.36	37.7143				1750.7165	RS-700	-0.931758706
12551	9/3/2019 12:43:56		-122.36	37.7143				1772.72316	RS-700	-0.822272836
12552	9/3/2019 12:43:57		-122.36	37.7143				1807.56048	RS-700	-0.648952836
12553	9/3/2019 12:43:58		-122.36	37.7143				1773.72342	RS-700	-0.817296418
12554	9/3/2019 12:43:59		-122.36	37.7143				1808.65128	RS-700	-0.64352597
12555	9/3/2019 12:44:00		-122.36	37.7143				1763.63094	RS-700	-0.867507761
12556	9/3/2019 12:44:01		-122.36	37.7143				1806.57146	RS-700	-0.653873333
12557	9/3/2019 12:44:02		-122.36	37.7144				1850.4772	RS-700	-0.435436816
12558	9/3/2019 12:44:03		-122.36	37.7144				1819.7492	RS-700	-0.588312438
12559	9/3/2019 12:44:04		-122.36	37.7144				1730.70765	RS-700	-1.031305224
12560	9/3/2019 12:44:05		-122.36	37.7144				1794.8177	RS-700	-0.712349751
12561	9/3/2019 12:44:06		-122.36	37.7144				1750.55171	RS-700	-0.932578557
12562	9/3/2019 12:44:07		-122.36	37.7144				1738.7969	RS-700	-0.991060199
12563	9/3/2019 12:44:08		-122.36	37.7144				1804.36964	RS-700	-0.664827662
12564	9/3/2019 12:44:09		-122.36	37.7144				1753.62392	RS-700	-0.91729393
12565	9/3/2019 12:44:10		-122.36	37.7144				1723.24077	RS-700	-1.068453881

Gamma Scan Survey Results
Survey Unit 5 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
12566	9/3/2019 12:44:11		-122.36	37.7144				1787.29804	RS-700	-0.749760995
12567	9/3/2019 12:44:12		-122.36	37.7144				1808.54896	RS-700	-0.644035025
12568	9/3/2019 12:44:13		-122.36	37.7144				1834.74817	RS-700	-0.513690697
12569	9/3/2019 12:44:14		-122.36	37.7144				1790.45887	RS-700	-0.734035473
12570	9/3/2019 12:44:15		-122.36	37.7144				1833.74705	RS-700	-0.518671393
12571	9/3/2019 12:44:16		-122.36	37.7144				1757.0547	RS-700	-0.900225373
12572	9/3/2019 12:44:17		-122.36	37.7144				1817.65316	RS-700	-0.598740498
12573	9/3/2019 12:44:18		-122.36	37.7144				1818.29745	RS-700	-0.595535075
12574	9/3/2019 12:44:19		-122.36	37.7144				1864.3866	RS-700	-0.366235821
12575	9/3/2019 12:44:20		-122.36	37.7144				1783.37998	RS-700	-0.769253831
12576	9/3/2019 12:44:21		-122.36	37.7144				1832.65988	RS-700	-0.524080199
12577	9/3/2019 12:44:22		-122.36	37.7144				1760.27663	RS-700	-0.884195871
12578	9/3/2019 12:44:23		-122.36	37.7144				1909.48852	RS-700	-0.141848159
12579	9/3/2019 12:44:24		-122.36	37.7144				1759.27735	RS-700	-0.889167413
12580	9/3/2019 12:44:25		-122.36	37.7144				1837.38145	RS-700	-0.500589801
12581	9/3/2019 12:44:26		-122.36	37.7144				1877.57774	RS-700	-0.300608259
12582	9/3/2019 12:44:27		-122.36	37.7144				1897.49101	RS-700	-0.201537264
12583	9/3/2019 12:44:28		-122.36	37.7144				1876.47979	RS-700	-0.306070697
12584	9/3/2019 12:44:29		-122.36	37.7144				1804.73065	RS-700	-0.663031592
12585	9/3/2019 12:44:30		-122.36	37.7145				1891.58174	RS-700	-0.230936617
12586	9/3/2019 12:44:31		-122.36	37.7145				1855.28998	RS-700	-0.411492637
12587	9/3/2019 12:44:32		-122.36	37.7145				1792.37997	RS-700	-0.724477761
12588	9/3/2019 12:44:33		-122.36	37.7145				1746.3642	RS-700	-0.95341194
12589	9/3/2019 12:44:34		-122.36	37.7145				1858.84749	RS-700	-0.393793582
12590	9/3/2019 12:44:35		-122.36	37.7145				1780.3692	RS-700	-0.784232836
12591	9/3/2019 12:44:36		-122.36	37.7145				1768.63331	RS-700	-0.842620348
12592	9/3/2019 12:44:37		-122.36	37.7145				1899.06791	RS-700	-0.19369199
12593	9/3/2019 12:44:38		-122.36	37.7145				1891.58149	RS-700	-0.230937861
12594	9/3/2019 12:44:39		-122.36	37.7145				1809.73903	RS-700	-0.638114279
12595	9/3/2019 12:44:40		-122.36	37.7145				1775.78783	RS-700	-0.807025721
12596	9/3/2019 12:44:41		-122.36	37.7145				1792.63984	RS-700	-0.723184876
12597	9/3/2019 12:44:42		-122.36	37.7145				1832.65601	RS-700	-0.524099453
12598	9/3/2019 12:44:43		-122.36	37.7145				1910.48479	RS-700	-0.136891592
12599	9/3/2019 12:44:44		-122.36	37.7145				1871.4818	RS-700	-0.330936318
12600	9/3/2019 12:44:45		-122.36	37.7145				1863.57996	RS-700	-0.370248955
12601	9/3/2019 12:44:46		-122.36	37.7145				1783.36012	RS-700	-0.769352637
12602	9/3/2019 12:44:47		-122.36	37.7145				1910.77056	RS-700	-0.135469851
12603	9/3/2019 12:44:48		-122.36	37.7145				1896.96282	RS-700	-0.204165075
12604	9/3/2019 12:44:49		-122.36	37.7145				1845.47586	RS-700	-0.460319104
12605	9/3/2019 12:44:50		-122.36	37.7145				1862.66069	RS-700	-0.374822438
12606	9/3/2019 12:44:51		-122.36	37.7145				1836.1283	RS-700	-0.506824378
12607	9/3/2019 12:44:52		-122.36	37.7145				1920.97588	RS-700	-0.084697114
12608	9/3/2019 12:44:53		-122.36	37.7145				1900.49221	RS-700	-0.18660592
12609	9/3/2019 12:44:54		-122.36	37.7145				1982.51138	RS-700	0.221449652
12610	9/3/2019 12:44:55		-122.36	37.7145				1899.57805	RS-700	-0.19115398
12611	9/3/2019 12:44:56		-122.36	37.7145				1859.57493	RS-700	-0.390174478
12612	9/3/2019 12:44:57		-122.36	37.7146				1857.38382	RS-700	-0.401075522
12613	9/3/2019 12:44:58		-122.36	37.7146				1817.01161	RS-700	-0.601932289
12614	9/3/2019 12:44:59		-122.36	37.7146				1854.85004	RS-700	-0.413681393
12615	9/3/2019 12:45:00		-122.36	37.7146				1855.66673	RS-700	-0.409618259
12616	9/3/2019 12:45:01		-122.36	37.7146				1974.10368	RS-700	0.179620299
12617	9/3/2019 12:45:02		-122.36	37.7146				1883.67243	RS-700	-0.270286418
12618	9/3/2019 12:45:03		-122.36	37.7146				1935.88666	RS-700	-0.010514129
12619	9/3/2019 12:45:04		-122.361	37.7146				1833.55502	RS-700	-0.519626766
12620	9/3/2019 12:45:05		-122.361	37.7146				1804.28887	RS-700	-0.665229502
12621	9/3/2019 12:45:06		-122.361	37.7146				1864.38952	RS-700	-0.366221294
12622	9/3/2019 12:45:07		-122.361	37.7146				1843.56276	RS-700	-0.469837015
12623	9/3/2019 12:45:08		-122.361	37.7146				1836.38258	RS-700	-0.505559303
12624	9/3/2019 12:45:09		-122.361	37.7146				1887.05302	RS-700	-0.253467562
12625	9/3/2019 12:45:10		-122.361	37.7146				1920.68699	RS-700	-0.086134378
12626	9/3/2019 12:45:11		-122.361	37.7146				1902.29525	RS-700	-0.177635572

Gamma Scan Survey Results
Survey Unit 5 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
12627	9/3/2019 12:45:12		-122.361	37.7146				1914.06995	RS-700	-0.119054975
12628	9/3/2019 12:45:13		-122.361	37.7146				1824.65313	RS-700	-0.563914776
12629	9/3/2019 12:45:14		-122.361	37.7146				1910.88116	RS-700	-0.134919602
12630	9/3/2019 12:45:15		-122.361	37.7146				1895.87794	RS-700	-0.209562488
12631	9/3/2019 12:45:16		-122.361	37.7146				1902.68668	RS-700	-0.175688159
12632	9/3/2019 12:45:17		-122.361	37.7146				1823.37912	RS-700	-0.570253134
12633	9/3/2019 12:45:18		-122.361	37.7146				1817.5607	RS-700	-0.599200498
12634	9/3/2019 12:45:19		-122.361	37.7146				1820.83417	RS-700	-0.582914577
12635	9/3/2019 12:45:20		-122.361	37.7146				1922.78377	RS-700	-0.075702637
12636	9/3/2019 12:45:21		-122.361	37.7146				1910.68455	RS-700	-0.135897761
12637	9/3/2019 12:45:22		-122.361	37.7146				2010.32011	RS-700	0.359801542
12638	9/3/2019 12:45:23		-122.361	37.7147				2042.52508	RS-700	0.520025274
12639	9/3/2019 12:45:24		-122.361	37.7147				1953.08558	RS-700	0.075052637
12640	9/3/2019 12:45:25		-122.361	37.7147				1900.77862	RS-700	-0.185180995
12641	9/3/2019 12:45:26		-122.361	37.7147				1948.9005	RS-700	0.054231343
12642	9/3/2019 12:45:27		-122.361	37.7147				1967.59856	RS-700	0.147256517
12643	9/3/2019 12:45:28		-122.361	37.7147				1871.20035	RS-700	-0.332336567
12644	9/3/2019 12:45:29		-122.361	37.7147				1861.47858	RS-700	-0.380703582
12645	9/3/2019 12:45:30		-122.361	37.7147				1887.38909	RS-700	-0.251795572
12646	9/3/2019 12:45:31		-122.361	37.7147				1834.75447	RS-700	-0.513659353
12647	9/3/2019 12:45:32		-122.361	37.7147				1852.7565	RS-700	-0.424097015
12648	9/3/2019 12:45:33		-122.361	37.7147				1782.54516	RS-700	-0.773407164
12649	9/3/2019 12:45:34		-122.361	37.7147				1910.39573	RS-700	-0.137334677
12650	9/3/2019 12:45:35		-122.361	37.7147				1875.76623	RS-700	-0.309620746
12651	9/3/2019 12:45:36		-122.361	37.7147				1861.66654	RS-700	-0.379768458
12652	9/3/2019 12:45:37		-122.361	37.7147				1906.20548	RS-700	-0.158181692
12653	9/3/2019 12:45:38		-122.361	37.7147				1937.98193	RS-700	-8.99005E-05
12654	9/3/2019 12:45:39		-122.361	37.7147				1907.88097	RS-700	-0.14984592
12655	9/3/2019 12:45:40		-122.361	37.7147				1863.0383	RS-700	-0.372943781
12656	9/3/2019 12:45:41		-122.361	37.7147				1945.79667	RS-700	0.038789403
12657	9/3/2019 12:45:42		-122.361	37.7147				1969.91134	RS-700	0.158762886
12658	9/3/2019 12:45:43		-122.361	37.7147				2004.49727	RS-700	0.330832189
12659	9/3/2019 12:45:44		-122.361	37.7147				1943.69267	RS-700	0.028321741
12660	9/3/2019 12:45:45		-122.361	37.7147				1894.97772	RS-700	-0.214041194
12661	9/3/2019 12:45:46		-122.361	37.7147				1948.69112	RS-700	0.053189652
12662	9/3/2019 12:45:47		-122.361	37.7147				1950.79678	RS-700	0.063665572
12663	9/3/2019 12:45:48		-122.361	37.7148				1971.41233	RS-700	0.166230498
12664	9/3/2019 12:45:49		-122.361	37.7148				2014.6212	RS-700	0.3812
12665	9/3/2019 12:45:50		-122.361	37.7148				2025.6239	RS-700	0.435939801
12666	9/3/2019 12:45:51		-122.361	37.7148				2049.72564	RS-700	0.555848955
12667	9/3/2019 12:45:52		-122.361	37.7148				2060.63527	RS-700	0.610125721
12668	9/3/2019 12:45:53		-122.361	37.7148				2091.0781	RS-700	0.761582587
12669	9/3/2019 12:45:54		-122.361	37.7148				2089.25851	RS-700	0.7525299
12670	9/3/2019 12:45:55		-122.361	37.7148				2089.20677	RS-700	0.752272488
12671	9/3/2019 12:45:56		-122.361	37.7148				2163.32491	RS-700	1.121019453
12672	9/3/2019 12:45:57		-122.361	37.7148				2080.75187	RS-700	0.710208308
12673	9/3/2019 12:45:58		-122.361	37.7148				2026.82669	RS-700	0.441923831
12674	9/3/2019 12:45:59		-122.361	37.7148				1973.70624	RS-700	0.177642985
12675	9/3/2019 12:46:00		-122.361	37.7148				1922.59608	RS-700	-0.076636418
12676	9/3/2019 12:46:01		-122.361	37.7148				1840.84579	RS-700	-0.483354279
12677	9/3/2019 12:46:02		-122.361	37.7148				1886.67046	RS-700	-0.255370846
12678	9/3/2019 12:46:03		-122.361	37.7148				1935.78954	RS-700	-0.010997313
12679	9/3/2019 12:46:04		-122.361	37.7148				1891.48092	RS-700	-0.231438209
12680	9/3/2019 12:46:05		-122.361	37.7148				1918.78367	RS-700	-0.095603632
12681	9/3/2019 12:46:06		-122.361	37.7148				1921.49661	RS-700	-0.082106418
12682	9/3/2019 12:46:07		-122.361	37.7148				1863.3862	RS-700	-0.371212935
12683	9/3/2019 12:46:08		-122.361	37.7148				1890.97862	RS-700	-0.233937214
12684	9/3/2019 12:46:09		-122.361	37.7148				1917.60758	RS-700	-0.101454826
12685	9/3/2019 12:46:10		-122.361	37.7148				1919.49638	RS-700	-0.092057811
12686	9/3/2019 12:46:11		-122.361	37.7148				1856.48061	RS-700	-0.405569104
12687	9/3/2019 12:46:12		-122.361	37.7149				1887.86402	RS-700	-0.249432736

Gamma Scan Survey Results
Survey Unit 5 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
12688	9/3/2019 12:46:13		-122.361	37.7149				1834.45351	RS-700	-0.515156667
12689	9/3/2019 12:46:14		-122.361	37.7149				1833.56401	RS-700	-0.51958204
12690	9/3/2019 12:46:15		-122.361	37.7149				1796.82306	RS-700	-0.702372836
12691	9/3/2019 12:46:16		-122.361	37.7149				1885.95036	RS-700	-0.258953433
12692	9/3/2019 12:46:17		-122.361	37.7149				1625.75306	RS-700	-1.553467363
12693	9/3/2019 12:46:18		-122.361	37.7149				1461.81633	RS-700	-2.369072985
12694	9/3/2019 12:46:19		-122.361	37.7149				1275.33154	RS-700	-3.29685801
12695	9/3/2019 12:46:20		-122.361	37.7149				1229.19121	RS-700	-3.526411891
12696	9/3/2019 12:46:21		-122.361	37.7149				1107.51116	RS-700	-4.131785274
12697	9/3/2019 12:46:22		-122.361	37.7149				989.25578	RS-700	-4.720120498
12698	9/3/2019 12:46:23		-122.361	37.7149				1157.29702	RS-700	-3.884094428
12699	9/3/2019 12:46:24		-122.361	37.7149				1360.00876	RS-700	-2.875578308
12700	9/3/2019 12:46:25		-122.361	37.7149				1647.42783	RS-700	-1.445632687
12701	9/3/2019 12:46:26		-122.361	37.7149				1866.67484	RS-700	-0.354851542
12702	9/3/2019 12:46:27		-122.361	37.7149				1812.7418	RS-700	-0.623175124
12703	9/3/2019 12:46:28		-122.361	37.7149				1908.48867	RS-700	-0.146822537
12704	9/3/2019 12:46:29		-122.361	37.7149				1809.56286	RS-700	-0.638990746
12705	9/3/2019 12:46:30		-122.361	37.7149				1971.80477	RS-700	0.168182935
12706	9/3/2019 12:46:31		-122.361	37.7149				1972.60217	RS-700	0.1721501
12707	9/3/2019 12:46:32		-122.361	37.7149				1988.61694	RS-700	0.251825572
12708	9/3/2019 12:46:33		-122.361	37.7149				1985.01759	RS-700	0.233918358
12709	9/3/2019 12:46:34		-122.361	37.7149				1921.78453	RS-700	-0.08067398
12710	9/3/2019 12:46:35		-122.361	37.7149				1824.56146	RS-700	-0.564370846
12711	9/3/2019 12:46:36		-122.361	37.715				1857.66159	RS-700	-0.399693582
12712	9/3/2019 12:46:37		-122.361	37.715				1834.03136	RS-700	-0.517256915
12713	9/3/2019 12:46:38		-122.361	37.715				1890.57954	RS-700	-0.235922687
12714	9/3/2019 12:46:39		-122.361	37.715				1970.09903	RS-700	0.159696667
12715	9/3/2019 12:46:40		-122.361	37.715				1881.48714	RS-700	-0.281158507
12716	9/3/2019 12:46:41		-122.361	37.715				1826.47758	RS-700	-0.55483791
12717	9/3/2019 12:46:42		-122.361	37.715				1845.38453	RS-700	-0.460773483
12718	9/3/2019 12:46:43		-122.361	37.715				1907.35085	RS-700	-0.152483333
12719	9/3/2019 12:46:44		-122.361	37.715				1750.45029	RS-700	-0.933083134
12720	9/3/2019 12:46:45		-122.361	37.715				1778.63756	RS-700	-0.79284796
12721	9/3/2019 12:46:46		-122.361	37.715				1901.88122	RS-700	-0.179695423
12722	9/3/2019 12:46:47		-122.361	37.715				1848.85431	RS-700	-0.443510896
12723	9/3/2019 12:46:48		-122.361	37.715				1876.75755	RS-700	-0.304688806
12724	9/3/2019 12:46:49		-122.361	37.715				1943.80176	RS-700	0.028864478
12725	9/3/2019 12:46:50		-122.361	37.715				1951.69897	RS-700	0.06815408
12726	9/3/2019 12:46:51		-122.361	37.715				1952.41597	RS-700	0.071721244
12727	9/3/2019 12:46:52		-122.361	37.715				1989.50637	RS-700	0.256250597
12728	9/3/2019 12:46:53		-122.361	37.715				1966.62093	RS-700	0.142392687
12729	9/3/2019 12:46:54		-122.361	37.715				1906.4907	RS-700	-0.156762687
12730	9/3/2019 12:46:55		-122.361	37.715				1816.01924	RS-700	-0.606869453
12731	9/3/2019 12:46:56		-122.361	37.715				1865.84118	RS-700	-0.358999104
12732	9/3/2019 12:46:57		-122.361	37.715				1899.58438	RS-700	-0.191122488
12733	9/3/2019 12:46:58		-122.361	37.715				2000.92042	RS-700	0.313036915
12734	9/3/2019 12:46:59		-122.361	37.7151				1905.5906	RS-700	-0.161240796
12735	9/3/2019 12:47:00		-122.361	37.7151				1974.99929	RS-700	0.18407607
12736	9/3/2019 12:47:01		-122.361	37.7151				1916.78174	RS-700	-0.105563483
12737	9/3/2019 12:47:02		-122.361	37.7151				1861.66448	RS-700	-0.379778706
12738	9/3/2019 12:47:03		-122.361	37.7151				1900.77563	RS-700	-0.185195871
12739	9/3/2019 12:47:04		-122.361	37.7151				1829.47312	RS-700	-0.539934726
12740	9/3/2019 12:47:05		-122.361	37.7151				1819.82959	RS-700	-0.587912488
12741	9/3/2019 12:47:06		-122.361	37.7151				1821.56435	RS-700	-0.579281841
12742	9/3/2019 12:47:07		-122.361	37.7151				1884.49072	RS-700	-0.266215323
12743	9/3/2019 12:47:08		-122.361	37.7151				1858.76249	RS-700	-0.394216468
12744	9/3/2019 12:47:09		-122.361	37.7151				1914.58332	RS-700	-0.116500896
12745	9/3/2019 12:47:10		-122.361	37.7151				1902.48798	RS-700	-0.176676716
12746	9/3/2019 12:47:11		-122.361	37.7151				1816.64035	RS-700	-0.603779353
12747	9/3/2019 12:47:12		-122.361	37.7151				1946.79576	RS-700	0.04376
12748	9/3/2019 12:47:13		-122.361	37.7151				1884.7686	RS-700	-0.264832836

Gamma Scan Survey Results
Survey Unit 5 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
12749	9/3/2019 12:47:14		-122.361	37.7151				2015.72101	RS-700	0.386671692
12750	9/3/2019 12:47:15		-122.361	37.7151				1803.2848	RS-700	-0.670224876
12751	9/3/2019 12:47:16		-122.361	37.7151				1816.74053	RS-700	-0.603280945
12752	9/3/2019 12:47:17		-122.361	37.7151				1782.63787	RS-700	-0.77294592
12753	9/3/2019 12:47:18		-122.361	37.7151				1777.54697	RS-700	-0.798273781
12754	9/3/2019 12:47:19		-122.361	37.7151				1757.62736	RS-700	-0.897376318
12755	9/3/2019 12:47:20		-122.361	37.7151				1844.75241	RS-700	-0.463918358
12756	9/3/2019 12:47:21		-122.361	37.7151				1850.75828	RS-700	-0.434038408
12757	9/3/2019 12:47:22		-122.361	37.7151				1807.64212	RS-700	-0.648546667
12758	9/3/2019 12:47:23		-122.361	37.7152				1883.01376	RS-700	-0.273563383
12759	9/3/2019 12:47:24		-122.361	37.7152				1873.13912	RS-700	-0.322690945
12760	9/3/2019 12:47:25		-122.362	37.7152				1796.46259	RS-700	-0.704166219
12761	9/3/2019 12:47:26		-122.362	37.7152				1807.91599	RS-700	-0.647184129
12762	9/3/2019 12:47:27		-122.362	37.7152				1829.83925	RS-700	-0.538113184
12763	9/3/2019 12:47:28		-122.362	37.7152				1826.65055	RS-700	-0.553977363
12764	9/3/2019 12:47:29		-122.362	37.7152				1823.74662	RS-700	-0.568424776
12765	9/3/2019 12:47:30		-122.362	37.7152				1839.66016	RS-700	-0.489252935
12766	9/3/2019 12:47:31		-122.362	37.7152				1817.74306	RS-700	-0.598293234
12767	9/3/2019 12:47:32		-122.362	37.7152				1843.94975	RS-700	-0.467911692
12768	9/3/2019 12:47:33		-122.362	37.7152				1782.36989	RS-700	-0.774279154
12769	9/3/2019 12:47:34		-122.362	37.7152				1818.10439	RS-700	-0.596495572
12770	9/3/2019 12:47:35		-122.362	37.7152				1796.64696	RS-700	-0.703248955
12771	9/3/2019 12:47:36		-122.362	37.7152				1815.55804	RS-700	-0.60916398
12772	9/3/2019 12:47:37		-122.362	37.7152				1782.19049	RS-700	-0.775171692
12773	9/3/2019 12:47:38		-122.362	37.7152				1781.46286	RS-700	-0.778791741
12774	9/3/2019 12:47:39		-122.362	37.7152				1871.58408	RS-700	-0.330427463
12775	9/3/2019 12:47:40		-122.362	37.7152				1842.65907	RS-700	-0.474332985
12776	9/3/2019 12:47:41		-122.362	37.7152				1888.77395	RS-700	-0.244905721
12777	9/3/2019 12:47:42		-122.362	37.7152				1844.66104	RS-700	-0.464372935
12778	9/3/2019 12:47:43		-122.362	37.7152				1783.10201	RS-700	-0.770636766
12779	9/3/2019 12:47:44		-122.362	37.7152				1894.4011	RS-700	-0.21690995
12780	9/3/2019 12:47:45		-122.362	37.7152				1868.38864	RS-700	-0.346325174
12781	9/3/2019 12:47:46		-122.362	37.7153				1930.39998	RS-700	-0.037811045
12782	9/3/2019 12:47:47		-122.362	37.7153				2022.82128	RS-700	0.421996418
12783	9/3/2019 12:47:48		-122.362	37.7153				1962.09303	RS-700	0.119865821
12784	9/3/2019 12:47:49		-122.362	37.7153				1926.78168	RS-700	-0.055812537
12785	9/3/2019 12:47:50		-122.362	37.7153				2027.4281	RS-700	0.44491592
12786	9/3/2019 12:47:51		-122.362	37.7153				1805.46505	RS-700	-0.659377861
12787	9/3/2019 12:47:52		-122.362	37.7153				1804.4647	RS-700	-0.664354726
12788	9/3/2019 12:47:53		-122.362	37.7153				1746.53893	RS-700	-0.952542637
12789	9/3/2019 12:47:54		-122.362	37.7153				1774.27663	RS-700	-0.814544129
12790	9/3/2019 12:47:55		-122.362	37.7153				1855.39037	RS-700	-0.410993184
12791	9/3/2019 12:47:56		-122.362	37.7153				1854.47748	RS-700	-0.415534925
12792	9/3/2019 12:47:57		-122.362	37.7153				1905.58789	RS-700	-0.161254279
12793	9/3/2019 12:47:58		-122.362	37.7153				1857.47758	RS-700	-0.400609055
12794	9/3/2019 12:47:59		-122.362	37.7153				1838.75302	RS-700	-0.49376607
12795	9/3/2019 12:48:00		-122.362	37.7153				1907.7799	RS-700	-0.150348756
12796	9/3/2019 12:48:01		-122.362	37.7153				1964.09712	RS-700	0.129836418
12797	9/3/2019 12:48:02		-122.362	37.7153				1869.39138	RS-700	-0.341336418
12798	9/3/2019 12:48:03		-122.362	37.7153				1954.5847	RS-700	0.082510945
12799	9/3/2019 12:48:04		-122.362	37.7153				1956.50199	RS-700	0.092049701
12800	9/3/2019 12:48:05		-122.362	37.7153				1907.77813	RS-700	-0.150357562
12801	9/3/2019 12:48:06		-122.362	37.7153				1854.56505	RS-700	-0.415099254
12802	9/3/2019 12:48:07		-122.362	37.7153				1950.18651	RS-700	0.060629403
12803	9/3/2019 12:48:08		-122.362	37.7153				2003.71078	RS-700	0.326919303
12804	9/3/2019 12:48:09		-122.362	37.7154				1997.82574	RS-700	0.297640498
12805	9/3/2019 12:48:10		-122.362	37.7154				1952.57808	RS-700	0.072527761
12806	9/3/2019 12:48:11		-122.362	37.7154				2050.44792	RS-700	0.559442388
12807	9/3/2019 12:48:12		-122.362	37.7154				2091.8304	RS-700	0.765325373
12808	9/3/2019 12:48:13		-122.362	37.7154				2024.4285	RS-700	0.429992537
12809	9/3/2019 12:48:14		-122.362	37.7154				2104.85886	RS-700	0.830143582

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SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
12810	9/3/2019 12:48:15		-122.362	37.7154				1969.51073	RS-700	0.156769801
12811	9/3/2019 12:48:16		-122.362	37.7154				1919.87767	RS-700	-0.090160846
12812	9/3/2019 12:48:17		-122.362	37.7154				1884.39533	RS-700	-0.2666899
12813	9/3/2019 12:48:18		-122.362	37.7154				1863.66621	RS-700	-0.369819851
12814	9/3/2019 12:48:19		-122.362	37.7154				1822.7488	RS-700	-0.573389055
12815	9/3/2019 12:48:20		-122.362	37.7154				1984.41108	RS-700	0.230900896
12816	9/3/2019 12:48:21		-122.362	37.7154				1922.88426	RS-700	-0.075202687
12817	9/3/2019 12:48:22		-122.362	37.7154				1962.89373	RS-700	0.123849403
12818	9/3/2019 12:48:23		-122.362	37.7154				1844.66283	RS-700	-0.46436403
12819	9/3/2019 12:48:24		-122.362	37.7154				1898.48765	RS-700	-0.196578856
12820	9/3/2019 12:48:25		-122.362	37.7154				1976.00727	RS-700	0.189090896
12821	9/3/2019 12:48:26		-122.362	37.7154				1967.51155	RS-700	0.146823632
12822	9/3/2019 12:48:27		-122.362	37.7154				1904.88719	RS-700	-0.164740348
12823	9/3/2019 12:48:28		-122.362	37.7154				1991.31743	RS-700	0.265260846
12824	9/3/2019 12:48:29		-122.362	37.7154				1930.6905	RS-700	-0.036365672
12825	9/3/2019 12:48:30		-122.362	37.7154				1913.58875	RS-700	-0.121449005
12826	9/3/2019 12:48:31		-122.362	37.7155				1948.59952	RS-700	0.05273393
12827	9/3/2019 12:48:32		-122.362	37.7155				1955.88897	RS-700	0.088999851
12828	9/3/2019 12:48:33		-122.362	37.7155				1980.61037	RS-700	0.211991891
12829	9/3/2019 12:48:34		-122.362	37.7155				1631.33898	RS-700	-1.525676716
12830	9/3/2019 12:48:35		-122.362	37.7155				1823.56199	RS-700	-0.569343333
12831	9/3/2019 12:48:36		-122.362	37.7155				1805.82606	RS-700	-0.657581791
12832	9/3/2019 12:48:37		-122.362	37.7155				1971.00165	RS-700	0.164187313
12833	9/3/2019 12:48:38		-122.362	37.7155				2013.41757	RS-700	0.375211791
12834	9/3/2019 12:48:39		-122.362	37.7155				1980.70732	RS-700	0.212474229
12835	9/3/2019 12:48:40		-122.362	37.7155				1920.78274	RS-700	-0.08565801
12836	9/3/2019 12:48:41		-122.362	37.7155				1910.06227	RS-700	-0.138993682
12837	9/3/2019 12:48:42		-122.362	37.7155				1831.47753	RS-700	-0.529962537
12838	9/3/2019 12:48:43		-122.362	37.7155				1934.3951	RS-700	-0.017934826
12839	9/3/2019 12:48:44		-122.362	37.7155				1949.18061	RS-700	0.055624925
12840	9/3/2019 12:48:45		-122.362	37.7155				2011.51881	RS-700	0.365765224
12841	9/3/2019 12:48:46		-122.362	37.7155				1924.68524	RS-700	-0.066242587
12842	9/3/2019 12:48:47		-122.362	37.7155				1965.50591	RS-700	0.136845323
12843	9/3/2019 12:48:48		-122.362	37.7155				2027.9333	RS-700	0.447429353
12844	9/3/2019 12:48:49		-122.362	37.7155				1972.70591	RS-700	0.172666219
12845	9/3/2019 12:48:50		-122.362	37.7155				2016.62109	RS-700	0.391149701
12846	9/3/2019 12:48:51		-122.362	37.7155				2079.74684	RS-700	0.705208159
12847	9/3/2019 12:48:52		-122.362	37.7155				1943.30216	RS-700	0.026378905
12848	9/3/2019 12:48:53		-122.362	37.7155				1942.59919	RS-700	0.022881542
12849	9/3/2019 12:48:54		-122.362	37.7155				1852.38701	RS-700	-0.425935274
12850	9/3/2019 12:48:55		-122.362	37.7156				1864.57195	RS-700	-0.365313682
12851	9/3/2019 12:48:56		-122.362	37.7156				1893.29086	RS-700	-0.222433532
12852	9/3/2019 12:48:57		-122.362	37.7156				1987.70813	RS-700	0.247304129
12853	9/3/2019 12:48:58		-122.362	37.7156				1921.5913	RS-700	-0.081635323
12854	9/3/2019 12:48:59		-122.362	37.7156				1860.94456	RS-700	-0.383360398
12855	9/3/2019 12:49:00		-122.362	37.7156				1862.58278	RS-700	-0.37521005
12856	9/3/2019 12:49:01		-122.362	37.7156				2004.21441	RS-700	0.329424925
12857	9/3/2019 12:49:02		-122.362	37.7156				1940.88745	RS-700	0.014365423
12858	9/3/2019 12:49:03		-122.362	37.7156				2012.12272	RS-700	0.368769751
12859	9/3/2019 12:49:04		-122.362	37.7156				2040.8225	RS-700	0.511554726
12860	9/3/2019 12:49:05		-122.362	37.7156				1980.11755	RS-700	0.20954005
12861	9/3/2019 12:49:06		-122.362	37.7156				1994.90807	RS-700	0.283124726
12862	9/3/2019 12:49:07		-122.362	37.7156				1902.58016	RS-700	-0.176218109
12863	9/3/2019 12:49:08		-122.362	37.7156				1955.302	RS-700	0.086079602
12864	9/3/2019 12:49:09		-122.362	37.7156				1933.78388	RS-700	-0.020975721
12865	9/3/2019 12:49:10		-122.362	37.7156				1983.7085	RS-700	0.227405473
12866	9/3/2019 12:49:11		-122.362	37.7156				1962.20445	RS-700	0.120420149
12867	9/3/2019 12:49:12		-122.362	37.7156				1912.16032	RS-700	-0.128555622
12868	9/3/2019 12:49:13		-122.362	37.7156				2045.52601	RS-700	0.534955274
12869	9/3/2019 12:49:14		-122.362	37.7156				2092.05809	RS-700	0.766458159
12870	9/3/2019 12:49:15		-122.362	37.7156				2106.48547	RS-700	0.838236169

Gamma Scan Survey Results
Survey Unit 5 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
12871	9/3/2019 12:49:16		-122.362	37.7156				2055.2489	RS-700	0.583327861
12872	9/3/2019 12:49:17		-122.362	37.7157				1989.61328	RS-700	0.256782488
12873	9/3/2019 12:49:18		-122.362	37.7157				2033.62478	RS-700	0.475745174
12874	9/3/2019 12:49:19		-122.362	37.7157				1891.38977	RS-700	-0.231891692
12875	9/3/2019 12:49:20		-122.362	37.7157				2029.07321	RS-700	0.453100547
12876	9/3/2019 12:49:21		-122.362	37.7157				2062.53355	RS-700	0.6195699
12877	9/3/2019 12:49:22		-122.362	37.7157				2072.53301	RS-700	0.669318458
12878	9/3/2019 12:49:23		-122.362	37.7157				1970.48596	RS-700	0.161621692
12879	9/3/2019 12:49:24		-122.362	37.7157				2046.93464	RS-700	0.541963383
12880	9/3/2019 12:49:25		-122.362	37.7157				1980.718	RS-700	0.212527363
12881	9/3/2019 12:49:26		-122.362	37.7157				2064.32271	RS-700	0.628471194
12882	9/3/2019 12:49:27		-122.362	37.7157				1984.71108	RS-700	0.232393433
12883	9/3/2019 12:49:28		-122.362	37.7157				2054.63292	RS-700	0.580263284
12884	9/3/2019 12:49:29		-122.362	37.7157				2039.83082	RS-700	0.506620995
12885	9/3/2019 12:49:30		-122.362	37.7157				2097.87415	RS-700	0.795393781
12886	9/3/2019 12:49:31		-122.362	37.7157				2014.51523	RS-700	0.380672786
12887	9/3/2019 12:49:32		-122.362	37.7157				1959.0943	RS-700	0.104946766
12888	9/3/2019 12:49:33		-122.362	37.7157				1987.51183	RS-700	0.246327512
12889	9/3/2019 12:49:34		-122.362	37.7157				1956.69831	RS-700	0.093026418
12890	9/3/2019 12:49:35		-122.362	37.7157				1931.10596	RS-700	-0.034298706
12891	9/3/2019 12:49:36		-122.362	37.7157				1869.04104	RS-700	-0.343079403
12892	9/3/2019 12:49:37		-122.362	37.7157				1772.5468	RS-700	-0.823150249
12893	9/3/2019 12:49:38		-122.363	37.7157				1752.36169	RS-700	-0.923573682
12894	9/3/2019 12:49:39		-122.363	37.7157				1894.77877	RS-700	-0.215030995
12895	9/3/2019 12:49:40		-122.363	37.7158				1787.90475	RS-700	-0.746742537
12896	9/3/2019 12:49:41		-122.363	37.7158				1781.52656	RS-700	-0.778474826
12897	9/3/2019 12:49:42		-122.363	37.7158				1771.45654	RS-700	-0.828574428
12898	9/3/2019 12:49:43		-122.363	37.7158				1759.80389	RS-700	-0.886547811
12899	9/3/2019 12:49:44		-122.363	37.7158				1785.46095	RS-700	-0.758900746
12900	9/3/2019 12:49:45		-122.363	37.7158				1743.45059	RS-700	-0.967907512
12901	9/3/2019 12:49:46		-122.363	37.7158				1815.55807	RS-700	-0.609163831
12902	9/3/2019 12:49:47		-122.363	37.7158				1899.86783	RS-700	-0.189712289
12903	9/3/2019 12:49:48		-122.363	37.7158				1867.29497	RS-700	-0.351766318
12904	9/3/2019 12:49:49		-122.363	37.7158				1978.61783	RS-700	0.202078756
12905	9/3/2019 12:49:50		-122.363	37.7158				1944.40059	RS-700	0.031843731
12906	9/3/2019 12:49:51		-122.363	37.7158				1932.17588	RS-700	-0.028975721
12907	9/3/2019 12:49:52		-122.363	37.7158				1933.40086	RS-700	-0.022881294
12908	9/3/2019 12:49:53		-122.363	37.7158				2065.67997	RS-700	0.635223731
12909	9/3/2019 12:49:54		-122.363	37.7158				1996.8132	RS-700	0.292602985
12910	9/3/2019 12:49:55		-122.363	37.7158				1996.11422	RS-700	0.289125473
12911	9/3/2019 12:49:56		-122.363	37.7158				1993.72654	RS-700	0.277246468
12912	9/3/2019 12:49:57		-122.363	37.7158				1964.61426	RS-700	0.132409254
12913	9/3/2019 12:49:58		-122.363	37.7158				2044.03186	RS-700	0.527521692
12914	9/3/2019 12:49:59		-122.363	37.7158				2006.61693	RS-700	0.341377761
12915	9/3/2019 12:50:00		-122.363	37.7158				2004.81749	RS-700	0.332425323
12916	9/3/2019 12:50:01		-122.363	37.7158				1973.41071	RS-700	0.176172687
12917	9/3/2019 12:50:02		-122.363	37.7159				2092.95691	RS-700	0.7709299
12918	9/3/2019 12:50:03		-122.363	37.7159				1985.20266	RS-700	0.234839104
12919	9/3/2019 12:50:04		-122.363	37.7159				1980.60846	RS-700	0.211982388
12920	9/3/2019 12:50:05		-122.363	37.7159				2157.76967	RS-700	1.093381443
12921	9/3/2019 12:50:06		-122.363	37.7159				1997.02638	RS-700	0.293663582
12922	9/3/2019 12:50:07		-122.363	37.7159				1984.91896	RS-700	0.233427662
12923	9/3/2019 12:50:08		-122.363	37.7159				2043.32188	RS-700	0.523989453
12924	9/3/2019 12:50:09		-122.363	37.7159				2060.94486	RS-700	0.61166597
12925	9/3/2019 12:50:10		-122.363	37.7159				2077.84067	RS-700	0.695724726
12926	9/3/2019 12:50:11		-122.363	37.7159				2004.50759	RS-700	0.330883532
12927	9/3/2019 12:50:12		-122.363	37.7159				1983.80909	RS-700	0.22790592
12928	9/3/2019 12:50:13		-122.363	37.7159				2019.52346	RS-700	0.405589353
12929	9/3/2019 12:50:14		-122.363	37.7159				1950.98852	RS-700	0.064619502
12930	9/3/2019 12:50:15		-122.363	37.7159				2087.65534	RS-700	0.74455393
12931	9/3/2019 12:50:16		-122.363	37.7159				1986.62451	RS-700	0.241912985

Gamma Scan Survey Results
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SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
12932	9/3/2019 12:50:17		-122.363	37.7159				2089.74876	RS-700	0.754968955
12933	9/3/2019 12:50:18		-122.363	37.7159				2072.97249	RS-700	0.671504925
12934	9/3/2019 12:50:19		-122.363	37.7159				2123.86423	RS-700	0.924697662
12935	9/3/2019 12:50:20		-122.363	37.7159				2021.49929	RS-700	0.415419353
12936	9/3/2019 12:50:21		-122.363	37.7159				1978.70812	RS-700	0.20252796
12937	9/3/2019 12:50:22		-122.363	37.7159				2006.01774	RS-700	0.338396716
12938	9/3/2019 12:50:23		-122.363	37.7159				2025.52016	RS-700	0.435423682
12939	9/3/2019 12:50:24		-122.363	37.716				2019.62826	RS-700	0.406110746
12940	9/3/2019 12:50:25		-122.363	37.716				2078.64182	RS-700	0.699710547
12941	9/3/2019 12:50:26		-122.363	37.716				2162.20459	RS-700	1.115445721
12942	9/3/2019 12:50:27		-122.363	37.716				2035.0289	RS-700	0.482730846
12943	9/3/2019 12:50:28		-122.363	37.716				2074.15716	RS-700	0.677398806
12944	9/3/2019 12:50:29		-122.363	37.716				1881.76898	RS-700	-0.279756318
12945	9/3/2019 12:50:30		-122.363	37.716				1910.88706	RS-700	-0.134890249
12946	9/3/2019 12:50:31		-122.363	37.716				1966.89859	RS-700	0.14377408
12947	9/3/2019 12:50:32		-122.363	37.716				1986.60975	RS-700	0.241839552
12948	9/3/2019 12:50:33		-122.363	37.716				1946.59581	RS-700	0.042765224
12949	9/3/2019 12:50:34		-122.363	37.716				2006.71706	RS-700	0.34187592
12950	9/3/2019 12:50:35		-122.363	37.716				2014.73256	RS-700	0.38175403
12951	9/3/2019 12:50:36		-122.363	37.716				1958.09977	RS-700	0.099998856
12952	9/3/2019 12:50:37		-122.363	37.716				1908.58733	RS-700	-0.146331692
12953	9/3/2019 12:50:38		-122.363	37.716				1904.77665	RS-700	-0.165290299
12954	9/3/2019 12:50:39		-122.363	37.716				2101.22375	RS-700	0.812058458
12955	9/3/2019 12:50:40		-122.363	37.716				2124.97221	RS-700	0.93021
12956	9/3/2019 12:50:41		-122.363	37.716				2217.92693	RS-700	1.392671294
12957	9/3/2019 12:50:42		-122.363	37.716				2125.96962	RS-700	0.935172239
12958	9/3/2019 12:50:43		-122.363	37.716				1914.58705	RS-700	-0.116482338
12959	9/3/2019 12:50:44		-122.363	37.716				1849.75034	RS-700	-0.439053035
12960	9/3/2019 12:50:45		-122.363	37.716				1869.57582	RS-700	-0.340418806
12961	9/3/2019 12:50:46		-122.363	37.716				1587.41398	RS-700	-1.744209055
12962	9/3/2019 12:50:47		-122.363	37.716				1068.22134	RS-700	-4.327257015
12963	9/3/2019 12:50:48		-122.363	37.716				1105.40223	RS-700	-4.142277463
12964	9/3/2019 12:50:49		-122.363	37.716				1455.30318	RS-700	-2.401476716
12965	9/3/2019 12:50:50		-122.363	37.7161				1449.51685	RS-700	-2.430264428
12966	9/3/2019 12:50:51		-122.363	37.7161				1645.85889	RS-700	-1.453438358
12967	9/3/2019 12:50:52		-122.363	37.7161				1924.39949	RS-700	-0.067664229
12968	9/3/2019 12:50:53		-122.363	37.7161				1952.18804	RS-700	0.070587264
12969	9/3/2019 12:50:54		-122.363	37.7161				1820.64307	RS-700	-0.583865323
12970	9/3/2019 12:50:55		-122.363	37.7161				1909.97503	RS-700	-0.139427711
12971	9/3/2019 12:50:56		-122.363	37.7161				1954.61004	RS-700	0.082637015
12972	9/3/2019 12:50:57		-122.363	37.7161				1878.38706	RS-700	-0.296581791
12973	9/3/2019 12:50:58		-122.363	37.7161				1885.76777	RS-700	-0.259861841
12974	9/3/2019 12:50:59		-122.363	37.7161				1913.49478	RS-700	-0.121916517
12975	9/3/2019 12:51:00		-122.363	37.7161				1921.78347	RS-700	-0.080679254
12976	9/3/2019 12:51:01		-122.363	37.7161				1916.09291	RS-700	-0.108990498
12977	9/3/2019 12:51:02		-122.363	37.7161				1999.81191	RS-700	0.30752194
12978	9/3/2019 12:51:03		-122.363	37.7161				1926.07684	RS-700	-0.059319204
12979	9/3/2019 12:51:04		-122.363	37.7161				1920.20524	RS-700	-0.088531144
12980	9/3/2019 12:51:05		-122.363	37.7161				1917.68718	RS-700	-0.101058806
12981	9/3/2019 12:51:06		-122.363	37.7161				2029.72535	RS-700	0.456345025
12982	9/3/2019 12:51:07		-122.363	37.7161				1957.4802	RS-700	0.096916418
12983	9/3/2019 12:51:08		-122.363	37.7161				1880.775	RS-700	-0.284701493
12984	9/3/2019 12:51:09		-122.363	37.7161				2009.61859	RS-700	0.356311393
12985	9/3/2019 12:51:10		-122.363	37.7161				2001.31643	RS-700	0.315007114
12986	9/3/2019 12:51:11		-122.363	37.7162				2203.00386	RS-700	1.318427164
12987	9/3/2019 12:51:12		-122.363	37.7162				2030.93136	RS-700	0.462345075
12988	9/3/2019 12:51:13		-122.363	37.7162				2010.22663	RS-700	0.359336468
12989	9/3/2019 12:51:14		-122.363	37.7162				2078.43405	RS-700	0.698676866
12990	9/3/2019 12:51:15		-122.363	37.7162				2157.87715	RS-700	1.093916169
12991	9/3/2019 12:51:16		-122.363	37.7162				2050.95145	RS-700	0.561947512
12992	9/3/2019 12:51:17		-122.363	37.7162				1932.7826	RS-700	-0.025957214

Gamma Scan Survey Results
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SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
12993	9/3/2019 12:51:18		-122.363	37.7162				1907.39491	RS-700	-0.152264129
12994	9/3/2019 12:51:19		-122.363	37.7162				1910.40129	RS-700	-0.137307015
12995	9/3/2019 12:51:20		-122.363	37.7162				1882.66476	RS-700	-0.275299701
12996	9/3/2019 12:51:21		-122.363	37.7162				2019.82978	RS-700	0.407113333
12997	9/3/2019 12:51:22		-122.363	37.7162				1988.00887	RS-700	0.248800348
12998	9/3/2019 12:51:23		-122.363	37.7162				1944.0827	RS-700	0.030262189
12999	9/3/2019 12:51:24		-122.363	37.7162				2012.25938	RS-700	0.369449652
13000	9/3/2019 12:51:25		-122.363	37.7162				2082.74702	RS-700	0.720134428
13001	9/3/2019 12:51:26		-122.363	37.7162				2016.61998	RS-700	0.391144179
13002	9/3/2019 12:51:27		-122.363	37.7162				2044.83373	RS-700	0.531511095
13003	9/3/2019 12:51:28		-122.363	37.7162				2153.19921	RS-700	1.070642836
13004	9/3/2019 12:51:29		-122.363	37.7162				1966.20947	RS-700	0.140345622
13005	9/3/2019 12:51:30		-122.363	37.7162				1987.5037	RS-700	0.246287065
13006	9/3/2019 12:51:31		-122.363	37.7162				1920.59532	RS-700	-0.086590448
13007	9/3/2019 12:51:32		-122.363	37.7162				2011.12075	RS-700	0.363784826
13008	9/3/2019 12:51:33		-122.363	37.7162				1985.71214	RS-700	0.237373831
13009	9/3/2019 12:51:34		-122.363	37.7163				1986.51089	RS-700	0.241347711
13010	9/3/2019 12:51:35		-122.363	37.7163				2095.16237	RS-700	0.781902338
13011	9/3/2019 12:51:36		-122.363	37.7163				2070.74279	RS-700	0.660411891
13012	9/3/2019 12:51:37		-122.363	37.7163				2113.05568	RS-700	0.870923781
13013	9/3/2019 12:51:38		-122.363	37.7163				2169.78018	RS-700	1.153135224
13014	9/3/2019 12:51:39		-122.363	37.7163				2065.62136	RS-700	0.634932139
13015	9/3/2019 12:51:40		-122.363	37.7163				1984.01271	RS-700	0.228918955
13016	9/3/2019 12:51:41		-122.363	37.7163				2075.84675	RS-700	0.685804726
13017	9/3/2019 12:51:42		-122.363	37.7163				2112.17634	RS-700	0.866548955
13018	9/3/2019 12:51:43		-122.363	37.7163				2033.3203	RS-700	0.474230348
13019	9/3/2019 12:51:44		-122.363	37.7163				2028.8256	RS-700	0.451868657
13020	9/3/2019 12:51:45		-122.363	37.7163				2031.53538	RS-700	0.465350149
13021	9/3/2019 12:51:46		-122.363	37.7163				2005.51091	RS-700	0.335875174
13022	9/3/2019 12:51:47		-122.363	37.7163				1938.50125	RS-700	0.002493781
13023	9/3/2019 12:51:48		-122.363	37.7163				1966.60582	RS-700	0.142317512
13024	9/3/2019 12:51:49		-122.363	37.7163				1950.18632	RS-700	0.060628458
13025	9/3/2019 12:51:50		-122.363	37.7163				1944.89735	RS-700	0.034315174
13026	9/3/2019 12:51:51		-122.363	37.7163				2003.81748	RS-700	0.327450149
13027	9/3/2019 12:51:52		-122.363	37.7163				1976.70151	RS-700	0.192544826
13028	9/3/2019 12:51:53		-122.363	37.7163				1983.60527	RS-700	0.226891891
13029	9/3/2019 12:51:54		-122.364	37.7163				1938.39958	RS-700	0.00198796
13030	9/3/2019 12:51:55		-122.364	37.7163				1969.70478	RS-700	0.157735224
13031	9/3/2019 12:51:56		-122.364	37.7163				2005.62058	RS-700	0.336420796
13032	9/3/2019 12:51:57		-122.364	37.7163				1933.69317	RS-700	-0.021427015
13033	9/3/2019 12:51:58		-122.364	37.7164				1965.19721	RS-700	0.135309502
13034	9/3/2019 12:51:59		-122.364	37.7164				1936.79123	RS-700	-0.006013781
13035	9/3/2019 12:52:00		-122.364	37.7164				1956.89481	RS-700	0.09400403
13036	9/3/2019 12:52:01		-122.364	37.7164				2002.51418	RS-700	0.32096607
13037	9/3/2019 12:52:02		-122.364	37.7164				1974.90646	RS-700	0.183614229
13038	9/3/2019 12:52:03		-122.364	37.7164				2031.9236	RS-700	0.467281592
13039	9/3/2019 12:52:04		-122.364	37.7164				2070.04962	RS-700	0.656963284
13040	9/3/2019 12:52:05		-122.364	37.7164				2081.74792	RS-700	0.715163781
13041	9/3/2019 12:52:06		-122.364	37.7164				1899.13777	RS-700	-0.193344428
13042	9/3/2019 12:52:07		-122.364	37.7164				1981.31368	RS-700	0.215490945
13043	9/3/2019 12:52:08		-122.364	37.7164				1919.95855	RS-700	-0.089758458
13044	9/3/2019 12:52:09		-122.364	37.7164				1863.29365	RS-700	-0.371673383
13045	9/3/2019 12:52:10		-122.364	37.7164				1864.57318	RS-700	-0.365307562
13046	9/3/2019 12:52:11		-122.364	37.7164				1859.38896	RS-700	-0.391099701
13047	9/3/2019 12:52:12		-122.364	37.7164				1885.14559	RS-700	-0.262957264
13048	9/3/2019 12:52:13		-122.364	37.7164				1810.64605	RS-700	-0.633601741
13049	9/3/2019 12:52:14		-122.364	37.7164				1942.49994	RS-700	0.022387761
13050	9/3/2019 12:52:15		-122.364	37.7164				1967.51624	RS-700	0.146846965
13051	9/3/2019 12:52:16		-122.364	37.7164				1915.59173	RS-700	-0.11148393
13052	9/3/2019 12:52:17		-122.364	37.7164				2047.52867	RS-700	0.544918756
13053	9/3/2019 12:52:18		-122.364	37.7164				2006.81945	RS-700	0.342385323

Gamma Scan Survey Results
Survey Unit 5 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
13054	9/3/2019 12:52:19		-122.364	37.7164				1988.41105	RS-700	0.250801244
13055	9/3/2019 12:52:20		-122.364	37.7164				2008.61341	RS-700	0.351310498
13056	9/3/2019 12:52:21		-122.364	37.7165				2026.12974	RS-700	0.438456418
13057	9/3/2019 12:52:22		-122.364	37.7165				2019.52402	RS-700	0.405592139
13058	9/3/2019 12:52:23		-122.364	37.7165				2049.52868	RS-700	0.554869055
13059	9/3/2019 12:52:24		-122.364	37.7165				2029.71948	RS-700	0.456315821
13060	9/3/2019 12:52:25		-122.364	37.7165				2081.53435	RS-700	0.714101244
13061	9/3/2019 12:52:26		-122.364	37.7165				2035.56741	RS-700	0.48541
13062	9/3/2019 12:52:27		-122.364	37.7165				2101.54215	RS-700	0.813642537
13063	9/3/2019 12:52:28		-122.364	37.7165				2150.20051	RS-700	1.05572393
13064	9/3/2019 12:52:29		-122.364	37.7165				2110.06436	RS-700	0.856041592
13065	9/3/2019 12:52:30		-122.364	37.7165				2055.05217	RS-700	0.582349104
13066	9/3/2019 12:52:31		-122.364	37.7165				2034.40645	RS-700	0.47963408
13067	9/3/2019 12:52:32		-122.364	37.7165				2067.26215	RS-700	0.643095274
13068	9/3/2019 12:52:33		-122.364	37.7165				2046.32377	RS-700	0.538924229
13069	9/3/2019 12:52:34		-122.364	37.7165				2082.52009	RS-700	0.719005423
13070	9/3/2019 12:52:35		-122.364	37.7165				2053.25198	RS-700	0.573392935
13071	9/3/2019 12:52:36		-122.364	37.7165				2072.32823	RS-700	0.668299652
13072	9/3/2019 12:52:37		-122.364	37.7165				2002.60509	RS-700	0.321418358
13073	9/3/2019 12:52:38		-122.364	37.7165				1972.61371	RS-700	0.172207512
13074	9/3/2019 12:52:39		-122.364	37.7165				2079.74452	RS-700	0.705196617
13075	9/3/2019 12:52:40		-122.364	37.7165				2085.84905	RS-700	0.735567413
13076	9/3/2019 12:52:41		-122.364	37.7165				2116.65966	RS-700	0.88885403
13077	9/3/2019 12:52:42		-122.364	37.7165				2106.54008	RS-700	0.838507861
13078	9/3/2019 12:52:43		-122.364	37.7166				2138.53441	RS-700	0.997683632
13079	9/3/2019 12:52:44		-122.364	37.7166				2085.05951	RS-700	0.731639353
13080	9/3/2019 12:52:45		-122.364	37.7166				2138.19379	RS-700	0.995989005
13081	9/3/2019 12:52:46		-122.364	37.7166				2094.53918	RS-700	0.778801891
13082	9/3/2019 12:52:47		-122.364	37.7166				2201.00898	RS-700	1.308502388
13083	9/3/2019 12:52:48		-122.364	37.7166				2143.66405	RS-700	1.023204229
13084	9/3/2019 12:52:49		-122.364	37.7166				2181.55552	RS-700	1.211719005
13085	9/3/2019 12:52:50		-122.364	37.7166				2179.67024	RS-700	1.202339502
13086	9/3/2019 12:52:51		-122.364	37.7166				2224.3587	RS-700	1.424670149
13087	9/3/2019 12:52:52		-122.364	37.7166				2236.46392	RS-700	1.484895124
13088	9/3/2019 12:52:53		-122.364	37.7166				2251.70492	RS-700	1.560720995
13089	9/3/2019 12:52:54		-122.364	37.7166				2137.98233	RS-700	0.994936965
13090	9/3/2019 12:52:55		-122.364	37.7166				2130.55106	RS-700	0.957965473
13091	9/3/2019 12:52:56		-122.364	37.7166				2253.05799	RS-700	1.567452687
13092	9/3/2019 12:52:57		-122.364	37.7166				2064.32329	RS-700	0.62847408
13093	9/3/2019 12:52:58		-122.364	37.7166				2150.19957	RS-700	1.055719254
13094	9/3/2019 12:52:59		-122.364	37.7166				2204.1205	RS-700	1.323982587
13095	9/3/2019 12:53:00		-122.364	37.7166				2160.18727	RS-700	1.105409303
13096	9/3/2019 12:53:01		-122.364	37.7166				2132.85704	RS-700	0.96943801
13097	9/3/2019 12:53:02		-122.364	37.7166				2143.19689	RS-700	1.02088005
13098	9/3/2019 12:53:03		-122.364	37.7166				2175.77396	RS-700	1.182955025
13099	9/3/2019 12:53:04		-122.364	37.7166				2101.33243	RS-700	0.812599154
13100	9/3/2019 12:53:05		-122.364	37.7166				2134.88425	RS-700	0.979523632
13101	9/3/2019 12:53:06		-122.364	37.7166				2155.65959	RS-700	1.082883532
13102	9/3/2019 12:53:07		-122.364	37.7166				2130.97341	RS-700	0.960066716
13103	9/3/2019 12:53:08		-122.364	37.7166				2171.77613	RS-700	1.163065323
13104	9/3/2019 12:53:09		-122.364	37.7166				2271.26244	RS-700	1.65802209
13105	9/3/2019 12:53:10		-122.364	37.7166				2247.92082	RS-700	1.541894627
13106	9/3/2019 12:53:11		-122.364	37.7166				2172.23142	RS-700	1.165330448
13107	9/3/2019 12:53:12		-122.364	37.7166				2180.88921	RS-700	1.20840403
13108	9/3/2019 12:53:13		-122.364	37.7166				2229.01987	RS-700	1.44786005
13109	9/3/2019 12:53:14		-122.364	37.7166				2115.64686	RS-700	0.883815224
13110	9/3/2019 12:53:15		-122.364	37.7166				2181.22309	RS-700	1.210065124
13111	9/3/2019 12:53:16		-122.364	37.7166				2140.08837	RS-700	1.005414776
13112	9/3/2019 12:53:17		-122.364	37.7166				2076.44944	RS-700	0.688803184
13113	9/3/2019 12:53:18		-122.364	37.7166				2112.76045	RS-700	0.869454975
13114	9/3/2019 12:53:19		-122.364	37.7166				2163.53118	RS-700	1.122045672

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SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
13115	9/3/2019 12:53:20		-122.364	37.7166				2140.7701	RS-700	1.008806468
13116	9/3/2019 12:53:21		-122.364	37.7166				2119.33018	RS-700	0.902140199
13117	9/3/2019 12:53:22		-122.364	37.7166				2182.657	RS-700	1.217199005
13118	9/3/2019 12:53:23		-122.364	37.7166				2212.24406	RS-700	1.364398308
13119	9/3/2019 12:53:24		-122.364	37.7166				2199.67992	RS-700	1.301890149
13120	9/3/2019 12:53:25		-122.364	37.7166				2127.97614	RS-700	0.945154925
13121	9/3/2019 12:53:26		-122.364	37.7166				2180.11003	RS-700	1.204527512
13122	9/3/2019 12:53:27		-122.364	37.7166				2230.57943	RS-700	1.455619055
13123	9/3/2019 12:53:28		-122.364	37.7166				2320.84086	RS-700	1.904680896
13124	9/3/2019 12:53:29		-122.364	37.7166				2169.66903	RS-700	1.152582239
13125	9/3/2019 12:53:30		-122.364	37.7166				2179.65755	RS-700	1.202276368
13126	9/3/2019 12:53:31		-122.364	37.7166				2137.55282	RS-700	0.9928001
13127	9/3/2019 12:53:32		-122.364	37.7166				2160.09449	RS-700	1.104947711
13128	9/3/2019 12:53:33		-122.364	37.7166				2237.68748	RS-700	1.490982488
13129	9/3/2019 12:53:34		-122.364	37.7166				2263.03353	RS-700	1.617082239
13130	9/3/2019 12:53:35		-122.364	37.7166				2146.76514	RS-700	1.038632537
13131	9/3/2019 12:53:36		-122.364	37.7166				2193.55076	RS-700	1.271396816
13132	9/3/2019 12:53:37		-122.364	37.7166				2192.78856	RS-700	1.267604776
13133	9/3/2019 12:53:38		-122.364	37.7166				2284.93142	RS-700	1.726026965
13134	9/3/2019 12:53:39		-122.364	37.7166				2252.69254	RS-700	1.565634527
13135	9/3/2019 12:53:40		-122.364	37.7166				2220.80377	RS-700	1.40698393
13136	9/3/2019 12:53:41		-122.364	37.7166				2162.77632	RS-700	1.118290149
13137	9/3/2019 12:53:42		-122.364	37.7166				2160.99286	RS-700	1.109417214
13138	9/3/2019 12:53:43		-122.364	37.7166				2205.01259	RS-700	1.328420846
13139	9/3/2019 12:53:44		-122.364	37.7166				2157.78233	RS-700	1.093444428
13140	9/3/2019 12:53:45		-122.364	37.7166				2115.53456	RS-700	0.883256517
13141	9/3/2019 12:53:46		-122.364	37.7166				2162.21501	RS-700	1.115497562
13142	9/3/2019 12:53:47		-122.364	37.7165				2111.7603	RS-700	0.864479104
13143	9/3/2019 12:53:48		-122.364	37.7165				2137.33543	RS-700	0.991718557
13144	9/3/2019 12:53:49		-122.364	37.7165				2191.45752	RS-700	1.260982687
13145	9/3/2019 12:53:50		-122.364	37.7165				2091.74786	RS-700	0.764914726
13146	9/3/2019 12:53:51		-122.364	37.7165				2053.65181	RS-700	0.575382139
13147	9/3/2019 12:53:52		-122.364	37.7165				2096.85131	RS-700	0.790305025
13148	9/3/2019 12:53:53		-122.364	37.7165				2002.70235	RS-700	0.321902239
13149	9/3/2019 12:53:54		-122.364	37.7165				2157.55894	RS-700	1.092333035
13150	9/3/2019 12:53:55		-122.364	37.7165				2082.74649	RS-700	0.720131791
13151	9/3/2019 12:53:56		-122.364	37.7165				2027.12056	RS-700	0.443385871
13152	9/3/2019 12:53:57		-122.364	37.7165				1974.91055	RS-700	0.183634577
13153	9/3/2019 12:53:58		-122.364	37.7165				2108.64832	RS-700	0.848996617
13154	9/3/2019 12:53:59		-122.364	37.7165				2076.52467	RS-700	0.689177463
13155	9/3/2019 12:54:00		-122.364	37.7165				1978.11506	RS-700	0.199577413
13156	9/3/2019 12:54:01		-122.364	37.7165				2041.61888	RS-700	0.515516816
13157	9/3/2019 12:54:02		-122.364	37.7165				2096.06327	RS-700	0.786384428
13158	9/3/2019 12:54:03		-122.364	37.7165				1979.61007	RS-700	0.207015274
13159	9/3/2019 12:54:04		-122.364	37.7165				2075.73892	RS-700	0.685268259
13160	9/3/2019 12:54:05		-122.364	37.7165				2107.87315	RS-700	0.84514005
13161	9/3/2019 12:54:06		-122.364	37.7165				2127.97661	RS-700	0.945157264
13162	9/3/2019 12:54:07		-122.364	37.7165				2083.26665	RS-700	0.722719652
13163	9/3/2019 12:54:08		-122.364	37.7165				2101.07305	RS-700	0.811308706
13164	9/3/2019 12:54:09		-122.364	37.7165				2055.53083	RS-700	0.584730498
13165	9/3/2019 12:54:10		-122.364	37.7165				2051.31699	RS-700	0.563766119
13166	9/3/2019 12:54:11		-122.364	37.7165				2076.84308	RS-700	0.690761592
13167	9/3/2019 12:54:12		-122.364	37.7165				2051.7487	RS-700	0.56591393
13168	9/3/2019 12:54:13		-122.364	37.7165				2068.04363	RS-700	0.646983234
13169	9/3/2019 12:54:14		-122.364	37.7165				2040.31372	RS-700	0.509023483
13170	9/3/2019 12:54:15		-122.364	37.7165				2006.53678	RS-700	0.340979005
13171	9/3/2019 12:54:16		-122.364	37.7165				1911.49147	RS-700	-0.131883234
13172	9/3/2019 12:54:17		-122.364	37.7165				1979.70179	RS-700	0.207471592
13173	9/3/2019 12:54:18		-122.364	37.7165				1982.51115	RS-700	0.221448507
13174	9/3/2019 12:54:19		-122.364	37.7165				1997.90299	RS-700	0.298024826
13175	9/3/2019 12:54:20		-122.364	37.7165				2053.62416	RS-700	0.575244577

Gamma Scan Survey Results
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SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
13176	9/3/2019 12:54:21		-122.364	37.7164				2007.60373	RS-700	0.346287214
13177	9/3/2019 12:54:22		-122.364	37.7164				1979.91128	RS-700	0.208513831
13178	9/3/2019 12:54:23		-122.364	37.7164				2028.53244	RS-700	0.450410149
13179	9/3/2019 12:54:24		-122.364	37.7164				1934.77321	RS-700	-0.016053682
13180	9/3/2019 12:54:25		-122.364	37.7164				1929.69389	RS-700	-0.04132393
13181	9/3/2019 12:54:26		-122.364	37.7164				2007.91631	RS-700	0.347842338
13182	9/3/2019 12:54:27		-122.364	37.7164				1911.58964	RS-700	-0.131394826
13183	9/3/2019 12:54:28		-122.364	37.7164				1936.31614	RS-700	-0.008377413
13184	9/3/2019 12:54:29		-122.364	37.7164				1843.75202	RS-700	-0.468895423
13185	9/3/2019 12:54:30		-122.364	37.7164				1884.10877	RS-700	-0.268115572
13186	9/3/2019 12:54:31		-122.364	37.7164				1929.1722	RS-700	-0.043919403
13187	9/3/2019 12:54:32		-122.364	37.7164				1875.19932	RS-700	-0.312441194
13188	9/3/2019 12:54:33		-122.364	37.7164				1897.48558	RS-700	-0.201564279
13189	9/3/2019 12:54:34		-122.364	37.7164				1888.57191	RS-700	-0.245910896
13190	9/3/2019 12:54:35		-122.364	37.7164				1739.45078	RS-700	-0.987807065
13191	9/3/2019 12:54:36		-122.364	37.7164				1838.74659	RS-700	-0.49379806
13192	9/3/2019 12:54:37		-122.364	37.7164				1863.40143	RS-700	-0.371137164
13193	9/3/2019 12:54:38		-122.364	37.7164				1798.54924	RS-700	-0.693784876
13194	9/3/2019 12:54:39		-122.364	37.7164				1981.90475	RS-700	0.218431592
13195	9/3/2019 12:54:40		-122.364	37.7164				1863.38676	RS-700	-0.371210149
13196	9/3/2019 12:54:41		-122.364	37.7164				1918.98255	RS-700	-0.094614179
13197	9/3/2019 12:54:42		-122.364	37.7164				1910.49369	RS-700	-0.136847313
13198	9/3/2019 12:54:43		-122.364	37.7164				1921.06541	RS-700	-0.084251692
13199	9/3/2019 12:54:44		-122.364	37.7164				1984.91297	RS-700	0.233397861
13200	9/3/2019 12:54:45		-122.364	37.7164				1951.70194	RS-700	0.068168856
13201	9/3/2019 12:54:46		-122.364	37.7164				1908.77777	RS-700	-0.145384229
13202	9/3/2019 12:54:47		-122.364	37.7164				1994.50929	RS-700	0.281140746
13203	9/3/2019 12:54:48		-122.364	37.7164				1988.12378	RS-700	0.24937204
13204	9/3/2019 12:54:49		-122.364	37.7164				1922.59167	RS-700	-0.076658358
13205	9/3/2019 12:54:50		-122.364	37.7164				2069.83791	RS-700	0.65591
13206	9/3/2019 12:54:51		-122.364	37.7164				2050.41923	RS-700	0.559299652
13207	9/3/2019 12:54:52		-122.364	37.7164				1923.70608	RS-700	-0.07111403
13208	9/3/2019 12:54:53		-122.364	37.7164				1974.60806	RS-700	0.182129652
13209	9/3/2019 12:54:54		-122.364	37.7164				2041.63272	RS-700	0.515585672
13210	9/3/2019 12:54:55		-122.364	37.7164				1857.48218	RS-700	-0.400586169
13211	9/3/2019 12:54:56		-122.364	37.7164				1909.88285	RS-700	-0.139886318
13212	9/3/2019 12:54:57		-122.364	37.7163				1920.67045	RS-700	-0.086216667
13213	9/3/2019 12:54:58		-122.364	37.7163				1941.69612	RS-700	0.018388657
13214	9/3/2019 12:54:59		-122.364	37.7163				2020.5298	RS-700	0.41059602
13215	9/3/2019 12:55:00		-122.364	37.7163				1907.9581	RS-700	-0.149462189
13216	9/3/2019 12:55:01		-122.364	37.7163				1909.3967	RS-700	-0.142304975
13217	9/3/2019 12:55:02		-122.364	37.7163				2057.86019	RS-700	0.596319353
13218	9/3/2019 12:55:03		-122.364	37.7163				1897.39794	RS-700	-0.202000299
13219	9/3/2019 12:55:04		-122.364	37.7163				1997.61199	RS-700	0.296577065
13220	9/3/2019 12:55:05		-122.364	37.7163				1947.70074	RS-700	0.048262388
13221	9/3/2019 12:55:06		-122.363	37.7163				1920.52728	RS-700	-0.086928955
13222	9/3/2019 12:55:07		-122.363	37.7163				1965.9935	RS-700	0.139271144
13223	9/3/2019 12:55:08		-122.363	37.7163				1996.4082	RS-700	0.29058806
13224	9/3/2019 12:55:09		-122.363	37.7163				2012.71821	RS-700	0.371732388
13225	9/3/2019 12:55:10		-122.363	37.7163				1958.21744	RS-700	0.100584279
13226	9/3/2019 12:55:11		-122.363	37.7163				2025.52519	RS-700	0.435448706
13227	9/3/2019 12:55:12		-122.363	37.7163				2028.54	RS-700	0.450447761
13228	9/3/2019 12:55:13		-122.363	37.7163				2001.92557	RS-700	0.318037662
13229	9/3/2019 12:55:14		-122.363	37.7163				2006.11264	RS-700	0.338868856
13230	9/3/2019 12:55:15		-122.363	37.7163				2049.83741	RS-700	0.556405025
13231	9/3/2019 12:55:16		-122.363	37.7163				1992.61323	RS-700	0.271707612
13232	9/3/2019 12:55:17		-122.363	37.7163				2017.51825	RS-700	0.395613184
13233	9/3/2019 12:55:18		-122.363	37.7163				2023.94093	RS-700	0.427566816
13234	9/3/2019 12:55:19		-122.363	37.7163				2066.36087	RS-700	0.638611294
13235	9/3/2019 12:55:20		-122.363	37.7163				2026.82496	RS-700	0.441915224
13236	9/3/2019 12:55:21		-122.363	37.7163				1951.60214	RS-700	0.067672338

Gamma Scan Survey Results
Survey Unit 5 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
13237	9/3/2019 12:55:22		-122.363	37.7163				2067.32647	RS-700	0.643415274
13238	9/3/2019 12:55:23		-122.363	37.7163				2117.76151	RS-700	0.894335871
13239	9/3/2019 12:55:24		-122.363	37.7163				2131.65378	RS-700	0.963451642
13240	9/3/2019 12:55:25		-122.363	37.7163				2145.09559	RS-700	1.030326318
13241	9/3/2019 12:55:26		-122.363	37.7163				2245.01422	RS-700	1.52743393
13242	9/3/2019 12:55:27		-122.363	37.7163				2187.77974	RS-700	1.242685274
13243	9/3/2019 12:55:28		-122.363	37.7163				2247.47221	RS-700	1.539662736
13244	9/3/2019 12:55:29		-122.363	37.7163				2093.94605	RS-700	0.775850995
13245	9/3/2019 12:55:30		-122.363	37.7163				2176.7936	RS-700	1.188027861
13246	9/3/2019 12:55:31		-122.363	37.7163				2127.86773	RS-700	0.944615572
13247	9/3/2019 12:55:32		-122.363	37.7163				2062.75729	RS-700	0.620683035
13248	9/3/2019 12:55:33		-122.363	37.7163				2131.97423	RS-700	0.96504592
13249	9/3/2019 12:55:34		-122.363	37.7163				1970.80867	RS-700	0.163227214
13250	9/3/2019 12:55:35		-122.363	37.7162				2025.51529	RS-700	0.435399453
13251	9/3/2019 12:55:36		-122.363	37.7162				1913.45022	RS-700	-0.122138209
13252	9/3/2019 12:55:37		-122.363	37.7162				1950.49411	RS-700	0.062159751
13253	9/3/2019 12:55:38		-122.363	37.7162				1874.4793	RS-700	-0.316023383
13254	9/3/2019 12:55:39		-122.363	37.7162				1911.29501	RS-700	-0.132860647
13255	9/3/2019 12:55:40		-122.363	37.7162				1937.69262	RS-700	-0.001529254
13256	9/3/2019 12:55:41		-122.363	37.7162				2084.62689	RS-700	0.729487015
13257	9/3/2019 12:55:42		-122.363	37.7162				2139.44105	RS-700	1.002194279
13258	9/3/2019 12:55:43		-122.363	37.7162				2095.32583	RS-700	0.782715572
13259	9/3/2019 12:55:44		-122.363	37.7162				2052.62877	RS-700	0.570292388
13260	9/3/2019 12:55:45		-122.363	37.7162				2081.53788	RS-700	0.714118806
13261	9/3/2019 12:55:46		-122.363	37.7162				2096.5449	RS-700	0.788780597
13262	9/3/2019 12:55:47		-122.363	37.7162				2078.95363	RS-700	0.701261841
13263	9/3/2019 12:55:48		-122.363	37.7162				2073.05283	RS-700	0.671904627
13264	9/3/2019 12:55:49		-122.363	37.7162				2073.22617	RS-700	0.672767015
13265	9/3/2019 12:55:50		-122.363	37.7162				2074.27744	RS-700	0.677997214
13266	9/3/2019 12:55:51		-122.363	37.7162				2065.53425	RS-700	0.634498756
13267	9/3/2019 12:55:52		-122.363	37.7162				2040.93677	RS-700	0.512123234
13268	9/3/2019 12:55:53		-122.363	37.7162				2017.71807	RS-700	0.396607313
13269	9/3/2019 12:55:54		-122.363	37.7162				1983.80783	RS-700	0.227899652
13270	9/3/2019 12:55:55		-122.363	37.7162				1910.78781	RS-700	-0.13538403
13271	9/3/2019 12:55:56		-122.363	37.7162				1965.80067	RS-700	0.138311791
13272	9/3/2019 12:55:57		-122.363	37.7162				1924.26075	RS-700	-0.068354478
13273	9/3/2019 12:55:58		-122.363	37.7162				1839.93481	RS-700	-0.487886517
13274	9/3/2019 12:55:59		-122.363	37.7162				1830.56321	RS-700	-0.534511393
13275	9/3/2019 12:56:00		-122.363	37.7162				1823.74367	RS-700	-0.568439453
13276	9/3/2019 12:56:01		-122.363	37.7162				1852.47359	RS-700	-0.425504527
13277	9/3/2019 12:56:02		-122.363	37.7162				1934.59572	RS-700	-0.016936716
13278	9/3/2019 12:56:03		-122.363	37.7162				2041.72752	RS-700	0.516057313
13279	9/3/2019 12:56:04		-122.363	37.7162				1969.6052	RS-700	0.157239801
13280	9/3/2019 12:56:05		-122.363	37.7162				2024.40667	RS-700	0.42988393
13281	9/3/2019 12:56:06		-122.363	37.7162				1943.98646	RS-700	0.029783383
13282	9/3/2019 12:56:07		-122.363	37.7162				1907.68403	RS-700	-0.150825721
13283	9/3/2019 12:56:08		-122.363	37.7162				1943.6987	RS-700	0.028351741
13284	9/3/2019 12:56:09		-122.363	37.7161				2009.11767	RS-700	0.353819254
13285	9/3/2019 12:56:10		-122.363	37.7161				1900.95758	RS-700	-0.184290647
13286	9/3/2019 12:56:11		-122.363	37.7161				1934.89925	RS-700	-0.015426617
13287	9/3/2019 12:56:12		-122.363	37.7161				1890.29828	RS-700	-0.23732199
13288	9/3/2019 12:56:13		-122.363	37.7161				1829.92748	RS-700	-0.537674229
13289	9/3/2019 12:56:14		-122.363	37.7161				1897.76298	RS-700	-0.200184179
13290	9/3/2019 12:56:15		-122.363	37.7161				1841.75192	RS-700	-0.478846169
13291	9/3/2019 12:56:16		-122.363	37.7161				1950.69337	RS-700	0.063151095
13292	9/3/2019 12:56:17		-122.363	37.7161				1905.4874	RS-700	-0.161754229
13293	9/3/2019 12:56:18		-122.363	37.7161				1909.35575	RS-700	-0.142508706
13294	9/3/2019 12:56:19		-122.363	37.7161				1882.5808	RS-700	-0.275717413
13295	9/3/2019 12:56:20		-122.363	37.7161				1958.50606	RS-700	0.102020199
13296	9/3/2019 12:56:21		-122.363	37.7161				1873.29849	RS-700	-0.32189806
13297	9/3/2019 12:56:22		-122.363	37.7161				1944.68212	RS-700	0.033244378

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SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
13298	9/3/2019 12:56:23		-122.363	37.7161				1943.59405	RS-700	0.027831095
13299	9/3/2019 12:56:24		-122.363	37.7161				1960.60363	RS-700	0.112455871
13300	9/3/2019 12:56:25		-122.363	37.7161				2031.62641	RS-700	0.465803035
13301	9/3/2019 12:56:26		-122.363	37.7161				1937.5954	RS-700	-0.002012935
13302	9/3/2019 12:56:27		-122.363	37.7161				1915.68713	RS-700	-0.111009303
13303	9/3/2019 12:56:28		-122.363	37.7161				1952.06823	RS-700	0.069991194
13304	9/3/2019 12:56:29		-122.363	37.7161				1952.60205	RS-700	0.072647015
13305	9/3/2019 12:56:30		-122.363	37.7161				1936.59527	RS-700	-0.006988706
13306	9/3/2019 12:56:31		-122.363	37.7161				1928.30484	RS-700	-0.048234627
13307	9/3/2019 12:56:32		-122.363	37.7161				1878.48061	RS-700	-0.296116368
13308	9/3/2019 12:56:33		-122.363	37.7161				1800.73354	RS-700	-0.682917711
13309	9/3/2019 12:56:34		-122.363	37.7161				1905.06995	RS-700	-0.163831095
13310	9/3/2019 12:56:35		-122.363	37.7161				1813.65082	RS-700	-0.618652637
13311	9/3/2019 12:56:36		-122.363	37.7161				1690.94757	RS-700	-1.229116567
13312	9/3/2019 12:56:37		-122.363	37.7161				1838.93375	RS-700	-0.492866915
13313	9/3/2019 12:56:38		-122.363	37.7161				1980.81364	RS-700	0.213003184
13314	9/3/2019 12:56:39		-122.363	37.7161				1934.78672	RS-700	-0.015986468
13315	9/3/2019 12:56:40		-122.363	37.7161				1923.51153	RS-700	-0.07208194
13316	9/3/2019 12:56:41		-122.363	37.7161				1873.388	RS-700	-0.321452736
13317	9/3/2019 12:56:42		-122.363	37.7161				1643.33923	RS-700	-1.46597398
13318	9/3/2019 12:56:43		-122.363	37.7161				1643.42488	RS-700	-1.465547861
13319	9/3/2019 12:56:44		-122.363	37.7161				1487.30751	RS-700	-2.242251194
13320	9/3/2019 12:56:45		-122.363	37.7161				1468.38105	RS-700	-2.336412687
13321	9/3/2019 12:56:46		-122.363	37.7161				1439.43901	RS-700	-2.480402935
13322	9/3/2019 12:56:47		-122.363	37.7161				1396.64284	RS-700	-2.693319204
13323	9/3/2019 12:56:48		-122.363	37.716				1272.18563	RS-700	-3.312509303
13324	9/3/2019 12:56:49		-122.363	37.716				938.24207	RS-700	-4.97392005
13325	9/3/2019 12:56:50		-122.363	37.716				1057.11081	RS-700	-4.382533284
13326	9/3/2019 12:56:51		-122.363	37.716				1383.57176	RS-700	-2.758349453
13327	9/3/2019 12:56:52		-122.363	37.716				1792.27954	RS-700	-0.724977413
13328	9/3/2019 12:56:53		-122.363	37.716				1822.46886	RS-700	-0.574781791
13329	9/3/2019 12:56:54		-122.363	37.716				2098.84976	RS-700	0.800247562
13330	9/3/2019 12:56:55		-122.363	37.716				2014.92182	RS-700	0.382695622
13331	9/3/2019 12:56:56		-122.363	37.716				2147.89103	RS-700	1.04423398
13332	9/3/2019 12:56:57		-122.363	37.716				2119.33158	RS-700	0.902147164
13333	9/3/2019 12:56:58		-122.363	37.716				2186.10887	RS-700	1.234372488
13334	9/3/2019 12:56:59		-122.363	37.716				2133.87141	RS-700	0.974484627
13335	9/3/2019 12:57:00		-122.363	37.716				1995.99879	RS-700	0.288551194
13336	9/3/2019 12:57:01		-122.363	37.716				1896.96689	RS-700	-0.204144826
13337	9/3/2019 12:57:02		-122.363	37.716				1853.84583	RS-700	-0.418677463
13338	9/3/2019 12:57:03		-122.363	37.716				1979.91027	RS-700	0.208508806
13339	9/3/2019 12:57:04		-122.363	37.716				1848.66234	RS-700	-0.44446597
13340	9/3/2019 12:57:05		-122.363	37.716				1980.51208	RS-700	0.211502886
13341	9/3/2019 12:57:06		-122.363	37.716				1869.75312	RS-700	-0.339536716
13342	9/3/2019 12:57:07		-122.363	37.716				1880.38832	RS-700	-0.286625274
13343	9/3/2019 12:57:08		-122.363	37.716				1968.71074	RS-700	0.152789751
13344	9/3/2019 12:57:09		-122.363	37.716				1914.18324	RS-700	-0.118491343
13345	9/3/2019 12:57:10		-122.363	37.716				1979.41305	RS-700	0.206035075
13346	9/3/2019 12:57:11		-122.363	37.716				1948.79643	RS-700	0.053713582
13347	9/3/2019 12:57:12		-122.363	37.716				1927.68413	RS-700	-0.051322736
13348	9/3/2019 12:57:13		-122.363	37.716				1909.39471	RS-700	-0.142314876
13349	9/3/2019 12:57:14		-122.363	37.716				1938.70392	RS-700	0.00350209
13350	9/3/2019 12:57:15		-122.363	37.716				2033.41131	RS-700	0.474683134
13351	9/3/2019 12:57:16		-122.363	37.716				2012.01953	RS-700	0.368256368
13352	9/3/2019 12:57:17		-122.363	37.716				2073.11914	RS-700	0.672234527
13353	9/3/2019 12:57:18		-122.363	37.716				2004.01782	RS-700	0.328446866
13354	9/3/2019 12:57:19		-122.363	37.716				2189.78883	RS-700	1.252680746
13355	9/3/2019 12:57:20		-122.363	37.716				2147.50909	RS-700	1.042333781
13356	9/3/2019 12:57:21		-122.363	37.716				2196.90803	RS-700	1.288099652
13357	9/3/2019 12:57:22		-122.363	37.716				2074.93577	RS-700	0.681272488
13358	9/3/2019 12:57:23		-122.363	37.7159				2072.43026	RS-700	0.668807264

Gamma Scan Survey Results
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SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
13359	9/3/2019 12:57:24		-122.363	37.7159				2129.54989	RS-700	0.952984527
13360	9/3/2019 12:57:25		-122.363	37.7159				2042.42917	RS-700	0.519548109
13361	9/3/2019 12:57:26		-122.363	37.7159				2066.73615	RS-700	0.640478358
13362	9/3/2019 12:57:27		-122.363	37.7159				2002.41556	RS-700	0.320475423
13363	9/3/2019 12:57:28		-122.363	37.7159				2053.52738	RS-700	0.574763085
13364	9/3/2019 12:57:29		-122.363	37.7159				2099.64233	RS-700	0.804190697
13365	9/3/2019 12:57:30		-122.363	37.7159				2041.83914	RS-700	0.516612637
13366	9/3/2019 12:57:31		-122.363	37.7159				2071.75421	RS-700	0.665443831
13367	9/3/2019 12:57:32		-122.363	37.7159				2063.16388	RS-700	0.622705871
13368	9/3/2019 12:57:33		-122.363	37.7159				2035.74227	RS-700	0.48627995
13369	9/3/2019 12:57:34		-122.363	37.7159				2085.96518	RS-700	0.736145174
13370	9/3/2019 12:57:35		-122.363	37.7159				2025.72854	RS-700	0.436460398
13371	9/3/2019 12:57:36		-122.363	37.7159				2003.6167	RS-700	0.326451244
13372	9/3/2019 12:57:37		-122.363	37.7159				2081.06534	RS-700	0.711767861
13373	9/3/2019 12:57:38		-122.363	37.7159				1988.61429	RS-700	0.251812388
13374	9/3/2019 12:57:39		-122.363	37.7159				2033.94118	RS-700	0.477319303
13375	9/3/2019 12:57:40		-122.363	37.7159				2056.63319	RS-700	0.590214876
13376	9/3/2019 12:57:41		-122.363	37.7159				2055.04323	RS-700	0.582304627
13377	9/3/2019 12:57:42		-122.363	37.7159				1994.51201	RS-700	0.281154279
13378	9/3/2019 12:57:43		-122.363	37.7159				2047.90956	RS-700	0.546813731
13379	9/3/2019 12:57:44		-122.363	37.7159				1995.01195	RS-700	0.283641542
13380	9/3/2019 12:57:45		-122.363	37.7159				2127.76095	RS-700	0.944084328
13381	9/3/2019 12:57:46		-122.363	37.7159				1984.10836	RS-700	0.229394826
13382	9/3/2019 12:57:47		-122.363	37.7159				2022.72254	RS-700	0.421505174
13383	9/3/2019 12:57:48		-122.363	37.7159				2048.93431	RS-700	0.55191199
13384	9/3/2019 12:57:49		-122.363	37.7159				1954.50081	RS-700	0.082093582
13385	9/3/2019 12:57:50		-122.363	37.7159				2016.82204	RS-700	0.392149453
13386	9/3/2019 12:57:51		-122.363	37.7159				1954.69857	RS-700	0.083077463
13387	9/3/2019 12:57:52		-122.363	37.7159				2011.51453	RS-700	0.36574393
13388	9/3/2019 12:57:53		-122.363	37.7159				1991.30471	RS-700	0.265197562
13389	9/3/2019 12:57:54		-122.363	37.7159				1956.59933	RS-700	0.09253398
13390	9/3/2019 12:57:55		-122.363	37.7159				1945.69849	RS-700	0.038300945
13391	9/3/2019 12:57:56		-122.363	37.7159				1970.91207	RS-700	0.163741642
13392	9/3/2019 12:57:57		-122.363	37.7158				2006.81758	RS-700	0.34237602
13393	9/3/2019 12:57:58		-122.363	37.7158				1940.98585	RS-700	0.014854975
13394	9/3/2019 12:57:59		-122.363	37.7158				1962.19278	RS-700	0.12036209
13395	9/3/2019 12:58:00		-122.363	37.7158				2000.61049	RS-700	0.311494975
13396	9/3/2019 12:58:01		-122.363	37.7158				2049.03829	RS-700	0.552429303
13397	9/3/2019 12:58:02		-122.363	37.7158				1976.81556	RS-700	0.193112239
13398	9/3/2019 12:58:03		-122.363	37.7158				1994.8855	RS-700	0.283012438
13399	9/3/2019 12:58:04		-122.363	37.7158				1898.2512	RS-700	-0.197755224
13400	9/3/2019 12:58:05		-122.363	37.7158				2057.53017	RS-700	0.594677463
13401	9/3/2019 12:58:06		-122.363	37.7158				2040.14317	RS-700	0.508174975
13402	9/3/2019 12:58:07		-122.363	37.7158				2010.52009	RS-700	0.360796468
13403	9/3/2019 12:58:08		-122.363	37.7158				2024.22534	RS-700	0.428981791
13404	9/3/2019 12:58:09		-122.363	37.7158				2019.24606	RS-700	0.404209254
13405	9/3/2019 12:58:10		-122.363	37.7158				1961.09455	RS-700	0.114898259
13406	9/3/2019 12:58:11		-122.363	37.7158				1958.70055	RS-700	0.102987811
13407	9/3/2019 12:58:12		-122.363	37.7158				2006.51053	RS-700	0.340848408
13408	9/3/2019 12:58:13		-122.363	37.7158				1989.50303	RS-700	0.25623398
13409	9/3/2019 12:58:14		-122.363	37.7158				1920.68909	RS-700	-0.08612393
13410	9/3/2019 12:58:15		-122.363	37.7158				1875.58193	RS-700	-0.310537662
13411	9/3/2019 12:58:16		-122.363	37.7158				1889.87715	RS-700	-0.239417164
13412	9/3/2019 12:58:17		-122.363	37.7158				1829.92832	RS-700	-0.53767005
13413	9/3/2019 12:58:18		-122.363	37.7158				1801.46862	RS-700	-0.679260597
13414	9/3/2019 12:58:19		-122.363	37.7158				1753.71543	RS-700	-0.916838657
13415	9/3/2019 12:58:20		-122.363	37.7158				1825.65316	RS-700	-0.558939502
13416	9/3/2019 12:58:21		-122.363	37.7158				1833.11125	RS-700	-0.521834577
13417	9/3/2019 12:58:22		-122.363	37.7158				1766.80595	RS-700	-0.851711692
13418	9/3/2019 12:58:23		-122.363	37.7158				1721.35778	RS-700	-1.07782199
13419	9/3/2019 12:58:24		-122.363	37.7158				1796.64247	RS-700	-0.703271294

Gamma Scan Survey Results
Survey Unit 5 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
13420	9/3/2019 12:58:25		-122.363	37.7158				1739.27072	RS-700	-0.988702886
13421	9/3/2019 12:58:26		-122.363	37.7158				1759.54373	RS-700	-0.887842139
13422	9/3/2019 12:58:27		-122.363	37.7158				1642.83628	RS-700	-1.468476219
13423	9/3/2019 12:58:28		-122.363	37.7158				1742.7921	RS-700	-0.971183582
13424	9/3/2019 12:58:29		-122.363	37.7158				1755.27233	RS-700	-0.909092886
13425	9/3/2019 12:58:30		-122.363	37.7157				1712.78647	RS-700	-1.120465323
13426	9/3/2019 12:58:31		-122.363	37.7157				1769.71773	RS-700	-0.837225224
13427	9/3/2019 12:58:32		-122.363	37.7157				1776.72454	RS-700	-0.802365473
13428	9/3/2019 12:58:33		-122.363	37.7157				1827.47565	RS-700	-0.549872388
13429	9/3/2019 12:58:34		-122.362	37.7157				1970.19689	RS-700	0.160183532
13430	9/3/2019 12:58:35		-122.362	37.7157				2008.9179	RS-700	0.352825373
13431	9/3/2019 12:58:36		-122.362	37.7157				1949.49086	RS-700	0.057168458
13432	9/3/2019 12:58:37		-122.362	37.7157				2024.82686	RS-700	0.431974428
13433	9/3/2019 12:58:38		-122.362	37.7157				1948.06935	RS-700	0.050096269
13434	9/3/2019 12:58:39		-122.362	37.7157				1916.77468	RS-700	-0.105598607
13435	9/3/2019 12:58:40		-122.362	37.7157				1963.69919	RS-700	0.127856667
13436	9/3/2019 12:58:41		-122.362	37.7157				1932.78895	RS-700	-0.025925622
13437	9/3/2019 12:58:42		-122.362	37.7157				1979.70732	RS-700	0.207499104
13438	9/3/2019 12:58:43		-122.362	37.7157				1886.48673	RS-700	-0.256284925
13439	9/3/2019 12:58:44		-122.362	37.7157				1998.91208	RS-700	0.303045174
13440	9/3/2019 12:58:45		-122.362	37.7157				1946.70114	RS-700	0.043289254
13441	9/3/2019 12:58:46		-122.362	37.7157				1996.41309	RS-700	0.290612388
13442	9/3/2019 12:58:47		-122.362	37.7157				1943.59934	RS-700	0.027857413
13443	9/3/2019 12:58:48		-122.362	37.7157				2061.63307	RS-700	0.6150899
13444	9/3/2019 12:58:49		-122.362	37.7157				2002.7341	RS-700	0.322060199
13445	9/3/2019 12:58:50		-122.362	37.7157				1957.89593	RS-700	0.098984726
13446	9/3/2019 12:58:51		-122.362	37.7157				1927.26767	RS-700	-0.053394677
13447	9/3/2019 12:58:52		-122.362	37.7157				2023.41354	RS-700	0.424942985
13448	9/3/2019 12:58:53		-122.362	37.7157				2077.63215	RS-700	0.694687313
13449	9/3/2019 12:58:54		-122.362	37.7157				1986.89809	RS-700	0.24327408
13450	9/3/2019 12:58:55		-122.362	37.7157				1987.40857	RS-700	0.245813781
13451	9/3/2019 12:58:56		-122.362	37.7157				1971.70796	RS-700	0.167701294
13452	9/3/2019 12:58:57		-122.362	37.7157				2002.51494	RS-700	0.320969851
13453	9/3/2019 12:58:58		-122.362	37.7157				2005.30774	RS-700	0.334864378
13454	9/3/2019 12:58:59		-122.362	37.7157				1997.6182	RS-700	0.29660796
13455	9/3/2019 12:59:00		-122.362	37.7157				2048.2505	RS-700	0.54850995
13456	9/3/2019 12:59:01		-122.362	37.7157				2085.74505	RS-700	0.73505
13457	9/3/2019 12:59:02		-122.362	37.7157				2008.81414	RS-700	0.352309154
13458	9/3/2019 12:59:03		-122.362	37.7157				1975.09193	RS-700	0.184536965
13459	9/3/2019 12:59:04		-122.362	37.7157				1931.77661	RS-700	-0.030962139
13460	9/3/2019 12:59:05		-122.362	37.7157				2039.83143	RS-700	0.50662403
13461	9/3/2019 12:59:06		-122.362	37.7157				2060.42446	RS-700	0.609076915
13462	9/3/2019 12:59:07		-122.362	37.7157				2031.73145	RS-700	0.466325622
13463	9/3/2019 12:59:08		-122.362	37.7157				2022.22077	RS-700	0.419008806
13464	9/3/2019 12:59:09		-122.362	37.7157				2117.54699	RS-700	0.893268607
13465	9/3/2019 12:59:10		-122.362	37.7156				2086.47301	RS-700	0.738671692
13466	9/3/2019 12:59:11		-122.362	37.7156				1990.12011	RS-700	0.25930403
13467	9/3/2019 12:59:12		-122.362	37.7156				2144.77196	RS-700	1.028716219
13468	9/3/2019 12:59:13		-122.362	37.7156				2067.43126	RS-700	0.643936617
13469	9/3/2019 12:59:14		-122.362	37.7156				1955.50235	RS-700	0.087076368
13470	9/3/2019 12:59:15		-122.362	37.7156				1884.67992	RS-700	-0.26527403
13471	9/3/2019 12:59:16		-122.362	37.7156				1864.89715	RS-700	-0.363695771
13472	9/3/2019 12:59:17		-122.362	37.7156				1957.597	RS-700	0.097497512
13473	9/3/2019 12:59:18		-122.362	37.7156				1885.5793	RS-700	-0.260799502
13474	9/3/2019 12:59:19		-122.362	37.7156				1901.39538	RS-700	-0.182112537
13475	9/3/2019 12:59:20		-122.362	37.7156				1994.7124	RS-700	0.282151244
13476	9/3/2019 12:59:21		-122.362	37.7156				1916.49447	RS-700	-0.106992687
13477	9/3/2019 12:59:22		-122.362	37.7156				1943.9865	RS-700	0.029783582
13478	9/3/2019 12:59:23		-122.362	37.7156				1847.56581	RS-700	-0.449921343
13479	9/3/2019 12:59:24		-122.362	37.7156				2014.71782	RS-700	0.381680697
13480	9/3/2019 12:59:25		-122.362	37.7156				1924.78268	RS-700	-0.065757811

Gamma Scan Survey Results
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SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
13481	9/3/2019 12:59:26		-122.362	37.7156				1932.88221	RS-700	-0.025461642
13482	9/3/2019 12:59:27		-122.362	37.7156				1874.46425	RS-700	-0.316098259
13483	9/3/2019 12:59:28		-122.362	37.7156				1873.85704	RS-700	-0.319119204
13484	9/3/2019 12:59:29		-122.362	37.7156				2021.02752	RS-700	0.413072239
13485	9/3/2019 12:59:30		-122.362	37.7156				1871.37065	RS-700	-0.331489303
13486	9/3/2019 12:59:31		-122.362	37.7156				1934.49736	RS-700	-0.01742607
13487	9/3/2019 12:59:32		-122.362	37.7156				1869.19927	RS-700	-0.342292189
13488	9/3/2019 12:59:33		-122.362	37.7156				1906.77652	RS-700	-0.155340697
13489	9/3/2019 12:59:34		-122.362	37.7156				1838.84589	RS-700	-0.49330403
13490	9/3/2019 12:59:35		-122.362	37.7156				1848.57652	RS-700	-0.444892935
13491	9/3/2019 12:59:36		-122.362	37.7156				1842.19629	RS-700	-0.476635373
13492	9/3/2019 12:59:37		-122.362	37.7156				1877.47191	RS-700	-0.301134776
13493	9/3/2019 12:59:38		-122.362	37.7156				1884.29173	RS-700	-0.267205323
13494	9/3/2019 12:59:39		-122.362	37.7156				1844.47609	RS-700	-0.465293085
13495	9/3/2019 12:59:40		-122.362	37.7156				1858.10721	RS-700	-0.397476567
13496	9/3/2019 12:59:41		-122.362	37.7156				1866.85365	RS-700	-0.35396194
13497	9/3/2019 12:59:42		-122.362	37.7156				1872.66837	RS-700	-0.325032985
13498	9/3/2019 12:59:43		-122.362	37.7156				1903.67984	RS-700	-0.170747065
13499	9/3/2019 12:59:44		-122.362	37.7156				1898.86891	RS-700	-0.19468204
13500	9/3/2019 12:59:45		-122.362	37.7156				1996.3313	RS-700	0.290205473
13501	9/3/2019 12:59:46		-122.362	37.7156				1844.66017	RS-700	-0.464377264
13502	9/3/2019 12:59:47		-122.362	37.7155				1816.46241	RS-700	-0.604664627
13503	9/3/2019 12:59:48		-122.362	37.7155				1810.46997	RS-700	-0.634477761
13504	9/3/2019 12:59:49		-122.362	37.7155				1958.31623	RS-700	0.101075771
13505	9/3/2019 12:59:50		-122.362	37.7155				1839.28112	RS-700	-0.491138706
13506	9/3/2019 12:59:51		-122.362	37.7155				1971.71668	RS-700	0.167744677
13507	9/3/2019 12:59:52		-122.362	37.7155				1933.59498	RS-700	-0.021915522
13508	9/3/2019 12:59:53		-122.362	37.7155				1968.81026	RS-700	0.153284876
13509	9/3/2019 12:59:54		-122.362	37.7155				1998.4062	RS-700	0.300528358
13510	9/3/2019 12:59:55		-122.362	37.7155				1910.58852	RS-700	-0.136375522
13511	9/3/2019 12:59:56		-122.362	37.7155				1897.39339	RS-700	-0.202022935
13512	9/3/2019 12:59:57		-122.362	37.7155				1973.7079	RS-700	0.177651244
13513	9/3/2019 12:59:58		-122.362	37.7155				1978.10815	RS-700	0.199543035
13514	9/3/2019 12:59:59		-122.362	37.7155				1892.86449	RS-700	-0.224554776
13515	9/3/2019 13:00:00		-122.362	37.7155				2020.52133	RS-700	0.410553881
13516	9/3/2019 13:00:01		-122.362	37.7155				1968.70816	RS-700	0.152776915
13517	9/3/2019 13:00:02		-122.362	37.7155				1982.91145	RS-700	0.22344005
13518	9/3/2019 13:00:03		-122.362	37.7155				1942.59355	RS-700	0.022853483
13519	9/3/2019 13:00:04		-122.362	37.7155				1973.40149	RS-700	0.176126816
13520	9/3/2019 13:00:05		-122.362	37.7155				1939.6969	RS-700	0.008442289
13521	9/3/2019 13:00:06		-122.362	37.7155				1891.52401	RS-700	-0.231223831
13522	9/3/2019 13:00:07		-122.362	37.7155				1856.38393	RS-700	-0.4060501
13523	9/3/2019 13:00:08		-122.362	37.7155				1844.47757	RS-700	-0.465285721
13524	9/3/2019 13:00:09		-122.362	37.7155				1846.2882	RS-700	-0.456277612
13525	9/3/2019 13:00:10		-122.362	37.7155				1821.4435	RS-700	-0.579883085
13526	9/3/2019 13:00:11		-122.362	37.7155				1912.58288	RS-700	-0.126453333
13527	9/3/2019 13:00:12		-122.362	37.7155				1867.66652	RS-700	-0.349917811
13528	9/3/2019 13:00:13		-122.362	37.7155				1911.68736	RS-700	-0.130908657
13529	9/3/2019 13:00:14		-122.362	37.7155				2013.81943	RS-700	0.377211095
13530	9/3/2019 13:00:15		-122.362	37.7155				1935.79866	RS-700	-0.01095194
13531	9/3/2019 13:00:16		-122.362	37.7155				1898.77454	RS-700	-0.195151542
13532	9/3/2019 13:00:17		-122.362	37.7155				1999.61974	RS-700	0.306565871
13533	9/3/2019 13:00:18		-122.362	37.7155				1866.19536	RS-700	-0.357237015
13534	9/3/2019 13:00:19		-122.362	37.7155				1832.65728	RS-700	-0.524093134
13535	9/3/2019 13:00:20		-122.362	37.7155				1706.61616	RS-700	-1.151163383
13536	9/3/2019 13:00:21		-122.362	37.7155				1535.23982	RS-700	-2.00378199
13537	9/3/2019 13:00:22		-122.362	37.7155				1693.60952	RS-700	-1.215873035
13538	9/3/2019 13:00:23		-122.362	37.7155				1881.77677	RS-700	-0.279717562
13539	9/3/2019 13:00:24		-122.362	37.7155				1969.72062	RS-700	0.15781403
13540	9/3/2019 13:00:25		-122.362	37.7155				1886.58294	RS-700	-0.255806269
13541	9/3/2019 13:00:26		-122.362	37.7155				1847.57039	RS-700	-0.449898557

Gamma Scan Survey Results
Survey Unit 5 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
13542	9/3/2019 13:00:27		-122.362	37.7154				1819.01189	RS-700	-0.591980647
13543	9/3/2019 13:00:28		-122.362	37.7154				1919.40206	RS-700	-0.092527065
13544	9/3/2019 13:00:29		-122.362	37.7154				1828.5578	RS-700	-0.544488557
13545	9/3/2019 13:00:30		-122.362	37.7154				1844.47009	RS-700	-0.465322935
13546	9/3/2019 13:00:31		-122.362	37.7154				1860.85171	RS-700	-0.383822338
13547	9/3/2019 13:00:32		-122.362	37.7154				1839.56765	RS-700	-0.489713184
13548	9/3/2019 13:00:33		-122.362	37.7154				1936.8762	RS-700	-0.005591045
13549	9/3/2019 13:00:34		-122.362	37.7154				2008.61204	RS-700	0.351303682
13550	9/3/2019 13:00:35		-122.362	37.7154				1928.99414	RS-700	-0.044805274
13551	9/3/2019 13:00:36		-122.362	37.7154				1910.50463	RS-700	-0.136792886
13552	9/3/2019 13:00:37		-122.362	37.7154				1801.72638	RS-700	-0.677978209
13553	9/3/2019 13:00:38		-122.362	37.7154				2026.92606	RS-700	0.442418209
13554	9/3/2019 13:00:39		-122.362	37.7154				1907.06456	RS-700	-0.153907662
13555	9/3/2019 13:00:40		-122.362	37.7154				1929.26665	RS-700	-0.043449502
13556	9/3/2019 13:00:41		-122.362	37.7154				1903.5862	RS-700	-0.171212935
13557	9/3/2019 13:00:42		-122.362	37.7154				1885.67727	RS-700	-0.26031209
13558	9/3/2019 13:00:43		-122.362	37.7154				1874.48494	RS-700	-0.315995323
13559	9/3/2019 13:00:44		-122.362	37.7154				1876.57151	RS-700	-0.305614378
13560	9/3/2019 13:00:45		-122.362	37.7154				1927.69043	RS-700	-0.051291393
13561	9/3/2019 13:00:46		-122.362	37.7154				1884.67319	RS-700	-0.265307512
13562	9/3/2019 13:00:47		-122.362	37.7154				1806.37933	RS-700	-0.654829204
13563	9/3/2019 13:00:48		-122.362	37.7154				1824.74939	RS-700	-0.563435871
13564	9/3/2019 13:00:49		-122.362	37.7154				1774.45896	RS-700	-0.813637015
13565	9/3/2019 13:00:50		-122.362	37.7154				1864.48007	RS-700	-0.365770796
13566	9/3/2019 13:00:51		-122.362	37.7154				1840.58026	RS-700	-0.484675323
13567	9/3/2019 13:00:52		-122.362	37.7154				1828.37821	RS-700	-0.54538204
13568	9/3/2019 13:00:53		-122.362	37.7154				1796.46529	RS-700	-0.704152786
13569	9/3/2019 13:00:54		-122.362	37.7154				1840.37158	RS-700	-0.485713532
13570	9/3/2019 13:00:55		-122.362	37.7154				1811.64715	RS-700	-0.628621144
13571	9/3/2019 13:00:56		-122.362	37.7154				1909.77464	RS-700	-0.140424677
13572	9/3/2019 13:00:57		-122.362	37.7154				1972.70779	RS-700	0.172675572
13573	9/3/2019 13:00:58		-122.362	37.7154				1930.50024	RS-700	-0.037312239
13574	9/3/2019 13:00:59		-122.362	37.7154				2071.15823	RS-700	0.662478756
13575	9/3/2019 13:01:00		-122.362	37.7154				2021.54376	RS-700	0.415640597
13576	9/3/2019 13:01:01		-122.362	37.7154				2155.41571	RS-700	1.081670199
13577	9/3/2019 13:01:02		-122.362	37.7154				2126.75036	RS-700	0.939056517
13578	9/3/2019 13:01:03		-122.362	37.7154				2151.41587	RS-700	1.061770498
13579	9/3/2019 13:01:04		-122.362	37.7154				2028.13655	RS-700	0.448440547
13580	9/3/2019 13:01:05		-122.362	37.7154				2030.42952	RS-700	0.459848358
13581	9/3/2019 13:01:06		-122.362	37.7154				1963.4999	RS-700	0.126865174
13582	9/3/2019 13:01:07		-122.362	37.7154				1950.89234	RS-700	0.064140995
13583	9/3/2019 13:01:08		-122.362	37.7154				2045.62185	RS-700	0.53543209
13584	9/3/2019 13:01:09		-122.362	37.7154				1950.98951	RS-700	0.064624428
13585	9/3/2019 13:01:10		-122.362	37.7154				1953.69693	RS-700	0.078094179
13586	9/3/2019 13:01:11		-122.362	37.7154				1971.63904	RS-700	0.167358408
13587	9/3/2019 13:01:12		-122.362	37.7154				2058.93821	RS-700	0.601682637
13588	9/3/2019 13:01:13		-122.362	37.7153				2020.5204	RS-700	0.410549254
13589	9/3/2019 13:01:14		-122.362	37.7153				1923.39699	RS-700	-0.072651791
13590	9/3/2019 13:01:15		-122.362	37.7153				1973.61636	RS-700	0.177195821
13591	9/3/2019 13:01:16		-122.362	37.7153				1917.39709	RS-700	-0.10250204
13592	9/3/2019 13:01:17		-122.362	37.7153				1879.39533	RS-700	-0.291565522
13593	9/3/2019 13:01:18		-122.362	37.7153				1837.11793	RS-700	-0.501900846
13594	9/3/2019 13:01:19		-122.362	37.7153				1915.30188	RS-700	-0.11292597
13595	9/3/2019 13:01:20		-122.362	37.7153				1940.68413	RS-700	0.013353881
13596	9/3/2019 13:01:21		-122.362	37.7153				1908.49424	RS-700	-0.146794826
13597	9/3/2019 13:01:22		-122.362	37.7153				1869.48358	RS-700	-0.340877711
13598	9/3/2019 13:01:23		-122.362	37.7153				1764.45611	RS-700	-0.863402438
13599	9/3/2019 13:01:24		-122.362	37.7153				1847.56837	RS-700	-0.449908607
13600	9/3/2019 13:01:25		-122.362	37.7153				1935.97606	RS-700	-0.010069353
13601	9/3/2019 13:01:26		-122.362	37.7153				1882.13729	RS-700	-0.27792393
13602	9/3/2019 13:01:27		-122.362	37.7153				1887.66816	RS-700	-0.250407164

Gamma Scan Survey Results
Survey Unit 5 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
13603	9/3/2019 13:01:28		-122.362	37.7153				1818.84336	RS-700	-0.592819104
13604	9/3/2019 13:01:29		-122.362	37.7153				1801.82858	RS-700	-0.677469751
13605	9/3/2019 13:01:30		-122.362	37.7153				1738.7873	RS-700	-0.99110796
13606	9/3/2019 13:01:31		-122.362	37.7153				1787.46591	RS-700	-0.748925821
13607	9/3/2019 13:01:32		-122.362	37.7153				1745.27296	RS-700	-0.958840995
13608	9/3/2019 13:01:33		-122.362	37.7153				1703.10128	RS-700	-1.168650348
13609	9/3/2019 13:01:34		-122.362	37.7153				1807.2837	RS-700	-0.650329851
13610	9/3/2019 13:01:35		-122.362	37.7153				1782.46182	RS-700	-0.773821791
13611	9/3/2019 13:01:36		-122.362	37.7153				1768.5445	RS-700	-0.843062189
13612	9/3/2019 13:01:37		-122.362	37.7153				1765.36723	RS-700	-0.858869502
13613	9/3/2019 13:01:38		-122.362	37.7153				1950.68733	RS-700	0.063121045
13614	9/3/2019 13:01:39		-122.362	37.7153				1938.11032	RS-700	0.000548856
13615	9/3/2019 13:01:40		-122.362	37.7153				1893.58293	RS-700	-0.220980448
13616	9/3/2019 13:01:41		-122.362	37.7153				1873.38858	RS-700	-0.321449851
13617	9/3/2019 13:01:42		-122.362	37.7153				1888.05178	RS-700	-0.248498607
13618	9/3/2019 13:01:43		-122.362	37.7153				1955.90597	RS-700	0.089084428
13619	9/3/2019 13:01:44		-122.362	37.7153				1903.77473	RS-700	-0.170274975
13620	9/3/2019 13:01:45		-122.362	37.7152				1814.56661	RS-700	-0.614096468
13621	9/3/2019 13:01:46		-122.362	37.7152				1812.73841	RS-700	-0.62319199
13622	9/3/2019 13:01:47		-122.362	37.7152				1796.09236	RS-700	-0.706008159
13623	9/3/2019 13:01:48		-122.362	37.7152				1803.37399	RS-700	-0.669781144
13624	9/3/2019 13:01:49		-122.362	37.7152				1778.2784	RS-700	-0.794634826
13625	9/3/2019 13:01:50		-122.362	37.7152				1708.86801	RS-700	-1.139960149
13626	9/3/2019 13:01:51		-122.362	37.7152				1789.64181	RS-700	-0.738100448
13627	9/3/2019 13:01:52		-122.362	37.7152				1771.45592	RS-700	-0.828577512
13628	9/3/2019 13:01:53		-122.362	37.7152				1780.99288	RS-700	-0.78112995
13629	9/3/2019 13:01:54		-122.362	37.7152				1712.45487	RS-700	-1.122115075
13630	9/3/2019 13:01:55		-122.362	37.7152				1786.99645	RS-700	-0.751261443
13631	9/3/2019 13:01:56		-122.362	37.7152				1808.556	RS-700	-0.644
13632	9/3/2019 13:01:57		-122.362	37.7152				1860.75369	RS-700	-0.38431
13633	9/3/2019 13:01:58		-122.362	37.7152				1857.12859	RS-700	-0.402345323
13634	9/3/2019 13:01:59		-122.362	37.7152				1809.38023	RS-700	-0.639899353
13635	9/3/2019 13:02:00		-122.362	37.7152				1806.73053	RS-700	-0.65308194
13636	9/3/2019 13:02:01		-122.362	37.7152				1820.65421	RS-700	-0.5838099
13637	9/3/2019 13:02:02		-122.362	37.7152				1788.4686	RS-700	-0.743937313
13638	9/3/2019 13:02:03		-122.362	37.7152				1801.56684	RS-700	-0.67877194
13639	9/3/2019 13:02:04		-122.362	37.7152				1722.70073	RS-700	-1.071140647
13640	9/3/2019 13:02:05		-122.362	37.7152				1811.28579	RS-700	-0.630418955
13641	9/3/2019 13:02:06		-122.362	37.7152				1768.45459	RS-700	-0.843509502
13642	9/3/2019 13:02:07		-122.362	37.7152				1797.54965	RS-700	-0.69875796
13643	9/3/2019 13:02:08		-122.362	37.7152				1785.46024	RS-700	-0.758904279
13644	9/3/2019 13:02:09		-122.362	37.7152				1709.52716	RS-700	-1.136680796
13645	9/3/2019 13:02:10		-122.362	37.7152				1820.8279	RS-700	-0.582945771
13646	9/3/2019 13:02:11		-122.362	37.7152				1802.74055	RS-700	-0.672932587
13647	9/3/2019 13:02:12		-122.362	37.7152				1820.46695	RS-700	-0.584741542
13648	9/3/2019 13:02:13		-122.362	37.7152				1798.46537	RS-700	-0.694202139
13649	9/3/2019 13:02:14		-122.362	37.7152				1794.7384	RS-700	-0.712744279
13650	9/3/2019 13:02:15		-122.362	37.7152				1675.59862	RS-700	-1.305479502
13651	9/3/2019 13:02:16		-122.362	37.7152				1792.45531	RS-700	-0.724102935
13652	9/3/2019 13:02:17		-122.362	37.7152				1676.68441	RS-700	-1.300077562
13653	9/3/2019 13:02:18		-122.361	37.7151				1839.75221	RS-700	-0.488794975
13654	9/3/2019 13:02:19		-122.361	37.7151				1857.47325	RS-700	-0.400630597
13655	9/3/2019 13:02:20		-122.361	37.7151				1851.56171	RS-700	-0.430041244
13656	9/3/2019 13:02:21		-122.361	37.7151				1885.67605	RS-700	-0.260318159
13657	9/3/2019 13:02:22		-122.361	37.7151				1780.36386	RS-700	-0.784259403
13658	9/3/2019 13:02:23		-122.361	37.7151				1826.65181	RS-700	-0.553971095
13659	9/3/2019 13:02:24		-122.361	37.7151				1794.81736	RS-700	-0.712351443
13660	9/3/2019 13:02:25		-122.361	37.7151				1835.3857	RS-700	-0.510518905
13661	9/3/2019 13:02:26		-122.361	37.7151				1774.7854	RS-700	-0.812012935
13662	9/3/2019 13:02:27		-122.361	37.7151				1926.30084	RS-700	-0.058204776
13663	9/3/2019 13:02:28		-122.361	37.7151				1771.45208	RS-700	-0.828596617

Gamma Scan Survey Results
Survey Unit 5 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
13664	9/3/2019 13:02:29		-122.361	37.7151				1756.62232	RS-700	-0.902376517
13665	9/3/2019 13:02:30		-122.361	37.7151				1734.53496	RS-700	-1.012263881
13666	9/3/2019 13:02:31		-122.361	37.7151				1797.7334	RS-700	-0.697843781
13667	9/3/2019 13:02:32		-122.361	37.7151				1839.74557	RS-700	-0.48882801
13668	9/3/2019 13:02:33		-122.361	37.7151				1855.5722	RS-700	-0.410088557
13669	9/3/2019 13:02:34		-122.361	37.7151				1918.39784	RS-700	-0.097523184
13670	9/3/2019 13:02:35		-122.361	37.7151				1872.38037	RS-700	-0.326465821
13671	9/3/2019 13:02:36		-122.361	37.7151				1882.48618	RS-700	-0.276188159
13672	9/3/2019 13:02:37		-122.361	37.7151				1851.64116	RS-700	-0.42964597
13673	9/3/2019 13:02:38		-122.361	37.7151				1858.66945	RS-700	-0.394679353
13674	9/3/2019 13:02:39		-122.361	37.7151				1843.5758	RS-700	-0.469772139
13675	9/3/2019 13:02:40		-122.361	37.7151				1872.19942	RS-700	-0.32736607
13676	9/3/2019 13:02:41		-122.361	37.7151				1800.37385	RS-700	-0.684707214
13677	9/3/2019 13:02:42		-122.361	37.7151				1832.75571	RS-700	-0.523603433
13678	9/3/2019 13:02:43		-122.361	37.7151				1808.64473	RS-700	-0.643558557
13679	9/3/2019 13:02:44		-122.361	37.7151				1832.92656	RS-700	-0.522753433
13680	9/3/2019 13:02:45		-122.361	37.7151				1803.00694	RS-700	-0.671607264
13681	9/3/2019 13:02:46		-122.361	37.7151				1809.46464	RS-700	-0.639479403
13682	9/3/2019 13:02:47		-122.361	37.7151				1833.56101	RS-700	-0.519596965
13683	9/3/2019 13:02:48		-122.361	37.7151				1800.46623	RS-700	-0.684247612
13684	9/3/2019 13:02:49		-122.361	37.7151				1908.77458	RS-700	-0.1454001
13685	9/3/2019 13:02:50		-122.361	37.7151				1839.28596	RS-700	-0.491114627
13686	9/3/2019 13:02:51		-122.361	37.7151				1807.46618	RS-700	-0.64942199
13687	9/3/2019 13:02:52		-122.361	37.7151				1867.19881	RS-700	-0.352244726
13688	9/3/2019 13:02:53		-122.361	37.7151				1940.79142	RS-700	0.013887662
13689	9/3/2019 13:02:54		-122.361	37.7151				1927.80559	RS-700	-0.050718458
13690	9/3/2019 13:02:55		-122.361	37.715				1942.69386	RS-700	0.023352537
13691	9/3/2019 13:02:56		-122.361	37.715				1943.59631	RS-700	0.027842338
13692	9/3/2019 13:02:57		-122.361	37.715				1950.20925	RS-700	0.060742537
13693	9/3/2019 13:02:58		-122.361	37.715				1866.49201	RS-700	-0.355761144
13694	9/3/2019 13:02:59		-122.361	37.715				1843.47499	RS-700	-0.470273682
13695	9/3/2019 13:03:00		-122.361	37.715				1886.95368	RS-700	-0.253961791
13696	9/3/2019 13:03:01		-122.361	37.715				1804.55005	RS-700	-0.6639301
13697	9/3/2019 13:03:02		-122.361	37.715				1875.57661	RS-700	-0.310564129
13698	9/3/2019 13:03:03		-122.361	37.715				1813.74078	RS-700	-0.618205075
13699	9/3/2019 13:03:04		-122.361	37.715				1800.63525	RS-700	-0.683406716
13700	9/3/2019 13:03:05		-122.361	37.715				1876.67366	RS-700	-0.305106169
13701	9/3/2019 13:03:06		-122.361	37.715				1920.11058	RS-700	-0.08900209
13702	9/3/2019 13:03:07		-122.361	37.715				1795.75069	RS-700	-0.70770801
13703	9/3/2019 13:03:08		-122.361	37.715				1828.93924	RS-700	-0.542590846
13704	9/3/2019 13:03:09		-122.361	37.715				1816.28737	RS-700	-0.605535473
13705	9/3/2019 13:03:10		-122.361	37.715				1901.75467	RS-700	-0.180325025
13706	9/3/2019 13:03:11		-122.361	37.715				1854.9455	RS-700	-0.413206468
13707	9/3/2019 13:03:12		-122.361	37.715				1765.45544	RS-700	-0.858430647
13708	9/3/2019 13:03:13		-122.361	37.715				1748.53945	RS-700	-0.942589801
13709	9/3/2019 13:03:14		-122.361	37.715				1799.63767	RS-700	-0.688369801
13710	9/3/2019 13:03:15		-122.361	37.715				1765.27825	RS-700	-0.859312189
13711	9/3/2019 13:03:16		-122.361	37.715				1799.38176	RS-700	-0.689642985
13712	9/3/2019 13:03:17		-122.361	37.715				1714.5285	RS-700	-1.111798507
13713	9/3/2019 13:03:18		-122.361	37.715				1793.73082	RS-700	-0.717757114
13714	9/3/2019 13:03:19		-122.361	37.715				1840.47677	RS-700	-0.485190199
13715	9/3/2019 13:03:20		-122.361	37.715				1831.74664	RS-700	-0.528623682
13716	9/3/2019 13:03:21		-122.361	37.715				1839.45807	RS-700	-0.490258358
13717	9/3/2019 13:03:22		-122.361	37.715				1820.28461	RS-700	-0.585648706
13718	9/3/2019 13:03:23		-122.361	37.715				1801.55559	RS-700	-0.67882791
13719	9/3/2019 13:03:24		-122.361	37.715				1770.45442	RS-700	-0.8335601
13720	9/3/2019 13:03:25		-122.361	37.715				1740.71371	RS-700	-0.981523831
13721	9/3/2019 13:03:26		-122.361	37.715				1773.98588	RS-700	-0.815990647
13722	9/3/2019 13:03:27		-122.361	37.715				1764.16482	RS-700	-0.864851642
13723	9/3/2019 13:03:28		-122.361	37.715				1759.62875	RS-700	-0.887419154
13724	9/3/2019 13:03:29		-122.361	37.715				1888.86226	RS-700	-0.244466368

Gamma Scan Survey Results
Survey Unit 5 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
13725	9/3/2019 13:03:30		-122.361	37.7149				1911.58901	RS-700	-0.13139796
13726	9/3/2019 13:03:31		-122.361	37.7149				1996.72422	RS-700	0.292160299
13727	9/3/2019 13:03:32		-122.361	37.7149				1945.40302	RS-700	0.036830945
13728	9/3/2019 13:03:33		-122.361	37.7149				1973.5033	RS-700	0.176633333
13729	9/3/2019 13:03:34		-122.361	37.7149				1921.97334	RS-700	-0.079734627
13730	9/3/2019 13:03:35		-122.361	37.7149				1957.90064	RS-700	0.099008159
13731	9/3/2019 13:03:36		-122.361	37.7149				1973.3006	RS-700	0.175624876
13732	9/3/2019 13:03:37		-122.361	37.7149				1848.23006	RS-700	-0.446616617
13733	9/3/2019 13:03:38		-122.361	37.7149				1804.00892	RS-700	-0.666622289
13734	9/3/2019 13:03:39		-122.361	37.7149				1779.53468	RS-700	-0.788384677
13735	9/3/2019 13:03:40		-122.361	37.7149				1808.72644	RS-700	-0.64315204
13736	9/3/2019 13:03:41		-122.361	37.7149				1784.72748	RS-700	-0.762549851
13737	9/3/2019 13:03:42		-122.361	37.7149				1759.98298	RS-700	-0.885656816
13738	9/3/2019 13:03:43		-122.361	37.7149				1897.68388	RS-700	-0.200577711
13739	9/3/2019 13:03:44		-122.361	37.7149				1763.87506	RS-700	-0.866293234
13740	9/3/2019 13:03:45		-122.361	37.7149				1559.40164	RS-700	-1.88357393
13741	9/3/2019 13:03:46		-122.361	37.7149				1483.37821	RS-700	-2.26179995
13742	9/3/2019 13:03:47		-122.361	37.7149				1295.3343	RS-700	-3.197341791
13743	9/3/2019 13:03:48		-122.361	37.7149				1198.13066	RS-700	-3.68094199
13744	9/3/2019 13:03:49		-122.361	37.7149				944.10092	RS-700	-4.944771542
13745	9/3/2019 13:03:50		-122.361	37.7149				1029.2212	RS-700	-4.521287562
13746	9/3/2019 13:03:51		-122.361	37.7149				1244.44028	RS-700	-3.450545871
13747	9/3/2019 13:03:52		-122.361	37.7149				1289.53326	RS-700	-3.226202687
13748	9/3/2019 13:03:53		-122.361	37.7149				1513.46712	RS-700	-2.112103881
13749	9/3/2019 13:03:54		-122.361	37.7149				1653.59186	RS-700	-1.414965871
13750	9/3/2019 13:03:55		-122.361	37.7149				1681.01151	RS-700	-1.278549701
13751	9/3/2019 13:03:56		-122.361	37.7149				1716.70061	RS-700	-1.10099199
13752	9/3/2019 13:03:57		-122.361	37.7149				1822.92511	RS-700	-0.572511891
13753	9/3/2019 13:03:58		-122.361	37.7149				1867.48299	RS-700	-0.350830896
13754	9/3/2019 13:03:59		-122.361	37.7149				1789.64773	RS-700	-0.738070995
13755	9/3/2019 13:04:00		-122.361	37.7149				1818.73348	RS-700	-0.593365771
13756	9/3/2019 13:04:01		-122.361	37.7149				1835.65962	RS-700	-0.509156119
13757	9/3/2019 13:04:02		-122.361	37.7149				1865.46638	RS-700	-0.360863781
13758	9/3/2019 13:04:03		-122.361	37.7149				1886.77708	RS-700	-0.254840398
13759	9/3/2019 13:04:04		-122.361	37.7149				1867.38133	RS-700	-0.351336667
13760	9/3/2019 13:04:05		-122.361	37.7149				1891.20255	RS-700	-0.232823134
13761	9/3/2019 13:04:06		-122.361	37.7149				1829.65515	RS-700	-0.539029104
13762	9/3/2019 13:04:07		-122.361	37.7149				1955.40624	RS-700	0.086598209
13763	9/3/2019 13:04:08		-122.361	37.7149				1912.77926	RS-700	-0.125476318
13764	9/3/2019 13:04:09		-122.361	37.7148				1763.2782	RS-700	-0.869262687
13765	9/3/2019 13:04:10		-122.361	37.7148				1877.39062	RS-700	-0.301539204
13766	9/3/2019 13:04:11		-122.361	37.7148				1783.90656	RS-700	-0.76663403
13767	9/3/2019 13:04:12		-122.361	37.7148				1929.88231	RS-700	-0.040386517
13768	9/3/2019 13:04:13		-122.361	37.7148				1884.76795	RS-700	-0.26483607
13769	9/3/2019 13:04:14		-122.361	37.7148				1843.84392	RS-700	-0.468438209
13770	9/3/2019 13:04:15		-122.361	37.7148				1866.76877	RS-700	-0.354384229
13771	9/3/2019 13:04:16		-122.361	37.7148				1795.73193	RS-700	-0.707801343
13772	9/3/2019 13:04:17		-122.361	37.7148				1895.67719	RS-700	-0.210561244
13773	9/3/2019 13:04:18		-122.361	37.7148				1849.48117	RS-700	-0.440392189
13774	9/3/2019 13:04:19		-122.361	37.7148				1857.19843	RS-700	-0.401997861
13775	9/3/2019 13:04:20		-122.361	37.7148				1756.80677	RS-700	-0.901458856
13776	9/3/2019 13:04:21		-122.361	37.7148				1867.03622	RS-700	-0.353053632
13777	9/3/2019 13:04:22		-122.361	37.7148				1876.57333	RS-700	-0.305605323
13778	9/3/2019 13:04:23		-122.361	37.7148				1996.81188	RS-700	0.292596418
13779	9/3/2019 13:04:24		-122.361	37.7148				2023.43189	RS-700	0.425034279
13780	9/3/2019 13:04:25		-122.361	37.7148				2101.75409	RS-700	0.814696965
13781	9/3/2019 13:04:26		-122.361	37.7148				2166.66785	RS-700	1.137650995
13782	9/3/2019 13:04:27		-122.361	37.7148				2206.00618	RS-700	1.33336408
13783	9/3/2019 13:04:28		-122.361	37.7148				2232.8945	RS-700	1.467136816
13784	9/3/2019 13:04:29		-122.361	37.7148				2213.01822	RS-700	1.368249851
13785	9/3/2019 13:04:30		-122.361	37.7148				2145.29052	RS-700	1.031296119

Gamma Scan Survey Results
Survey Unit 5 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
13786	9/3/2019 13:04:31		-122.361	37.7148				2088.64469	RS-700	0.74947607
13787	9/3/2019 13:04:32		-122.361	37.7148				2028.34381	RS-700	0.449471692
13788	9/3/2019 13:04:33		-122.361	37.7148				2051.61853	RS-700	0.565266318
13789	9/3/2019 13:04:34		-122.361	37.7148				2047.8343	RS-700	0.546439303
13790	9/3/2019 13:04:35		-122.361	37.7148				1947.40982	RS-700	0.046815025
13791	9/3/2019 13:04:36		-122.361	37.7148				1920.80335	RS-700	-0.085555473
13792	9/3/2019 13:04:37		-122.361	37.7148				2015.61636	RS-700	0.386151045
13793	9/3/2019 13:04:38		-122.361	37.7148				1906.3109	RS-700	-0.157657214
13794	9/3/2019 13:04:39		-122.361	37.7148				1981.81061	RS-700	0.217963234
13795	9/3/2019 13:04:40		-122.361	37.7148				1933.27853	RS-700	-0.0234899
13796	9/3/2019 13:04:41		-122.361	37.7148				1953.00269	RS-700	0.074640249
13797	9/3/2019 13:04:42		-122.361	37.7147				1859.46866	RS-700	-0.390703184
13798	9/3/2019 13:04:43		-122.361	37.7147				1940.59366	RS-700	0.012903781
13799	9/3/2019 13:04:44		-122.361	37.7147				1926.59748	RS-700	-0.056728955
13800	9/3/2019 13:04:45		-122.361	37.7147				1929.78723	RS-700	-0.040859552
13801	9/3/2019 13:04:46		-122.361	37.7147				1997.31323	RS-700	0.295090697
13802	9/3/2019 13:04:47		-122.361	37.7147				1950.40313	RS-700	0.061707114
13803	9/3/2019 13:04:48		-122.361	37.7147				1888.38997	RS-700	-0.24681607
13804	9/3/2019 13:04:49		-122.361	37.7147				1848.57069	RS-700	-0.44492194
13805	9/3/2019 13:04:50		-122.361	37.7147				1839.56015	RS-700	-0.489750498
13806	9/3/2019 13:04:51		-122.361	37.7147				1824.65323	RS-700	-0.563914279
13807	9/3/2019 13:04:52		-122.361	37.7147				1924.79244	RS-700	-0.065709254
13808	9/3/2019 13:04:53		-122.361	37.7147				1871.66586	RS-700	-0.330020597
13809	9/3/2019 13:04:54		-122.361	37.7147				1829.93488	RS-700	-0.537637413
13810	9/3/2019 13:04:55		-122.361	37.7147				1870.3865	RS-700	-0.336385572
13811	9/3/2019 13:04:56		-122.361	37.7147				1858.47672	RS-700	-0.395638209
13812	9/3/2019 13:04:57		-122.361	37.7147				1875.20214	RS-700	-0.312427164
13813	9/3/2019 13:04:58		-122.361	37.7147				1808.37905	RS-700	-0.644880348
13814	9/3/2019 13:04:59		-122.361	37.7147				1867.95257	RS-700	-0.348494677
13815	9/3/2019 13:05:00		-122.361	37.7147				1901.87382	RS-700	-0.179732239
13816	9/3/2019 13:05:01		-122.361	37.7147				1849.65665	RS-700	-0.439519154
13817	9/3/2019 13:05:02		-122.361	37.7147				1853.75524	RS-700	-0.419128159
13818	9/3/2019 13:05:03		-122.361	37.7147				1797.45517	RS-700	-0.69922801
13819	9/3/2019 13:05:04		-122.361	37.7147				1796.46416	RS-700	-0.704158408
13820	9/3/2019 13:05:05		-122.361	37.7147				1836.56383	RS-700	-0.504657562
13821	9/3/2019 13:05:06		-122.361	37.7147				1819.46458	RS-700	-0.589728458
13822	9/3/2019 13:05:07		-122.361	37.7147				1855.65919	RS-700	-0.409655771
13823	9/3/2019 13:05:08		-122.361	37.7147				1822.47545	RS-700	-0.574749005
13824	9/3/2019 13:05:09		-122.361	37.7147				1857.8506	RS-700	-0.398753234
13825	9/3/2019 13:05:10		-122.361	37.7147				1815.64543	RS-700	-0.608729204
13826	9/3/2019 13:05:11		-122.361	37.7147				1864.38344	RS-700	-0.366251542
13827	9/3/2019 13:05:12		-122.361	37.7147				1933.58799	RS-700	-0.021950299
13828	9/3/2019 13:05:13		-122.361	37.7147				1896.96799	RS-700	-0.204139353
13829	9/3/2019 13:05:14		-122.361	37.7147				1903.59295	RS-700	-0.171179353
13830	9/3/2019 13:05:15		-122.361	37.7147				2018.51637	RS-700	0.400578955
13831	9/3/2019 13:05:16		-122.361	37.7147				1922.77722	RS-700	-0.075735224
13832	9/3/2019 13:05:17		-122.361	37.7147				1936.59747	RS-700	-0.006977761
13833	9/3/2019 13:05:18		-122.361	37.7147				1969.50574	RS-700	0.156744975
13834	9/3/2019 13:05:19		-122.361	37.7147				1937.99906	RS-700	-4.67662E-06
13835	9/3/2019 13:05:20		-122.361	37.7147				1876.87681	RS-700	-0.304095473
13836	9/3/2019 13:05:21		-122.361	37.7147				2006.02019	RS-700	0.338408905
13837	9/3/2019 13:05:22		-122.361	37.7147				1918.49349	RS-700	-0.097047313
13838	9/3/2019 13:05:23		-122.361	37.7147				1901.58591	RS-700	-0.181164627
13839	9/3/2019 13:05:24		-122.361	37.7146				1903.06348	RS-700	-0.173813532
13840	9/3/2019 13:05:25		-122.361	37.7146				1902.78318	RS-700	-0.17520806
13841	9/3/2019 13:05:26		-122.361	37.7146				1952.70272	RS-700	0.073147861
13842	9/3/2019 13:05:27		-122.361	37.7146				1856.67644	RS-700	-0.404594826
13843	9/3/2019 13:05:28		-122.361	37.7146				1862.57314	RS-700	-0.37525801
13844	9/3/2019 13:05:29		-122.361	37.7146				1886.5815	RS-700	-0.255813433
13845	9/3/2019 13:05:30		-122.361	37.7146				1926.68675	RS-700	-0.056284826
13846	9/3/2019 13:05:31		-122.361	37.7146				1908.49335	RS-700	-0.146799254

Gamma Scan Survey Results
Survey Unit 5 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
13847	9/3/2019 13:05:32		-122.361	37.7146				1789.90494	RS-700	-0.736791343
13848	9/3/2019 13:05:33		-122.361	37.7146				1785.44956	RS-700	-0.758957413
13849	9/3/2019 13:05:34		-122.361	37.7146				1939.79242	RS-700	0.008917512
13850	9/3/2019 13:05:35		-122.361	37.7146				1898.40328	RS-700	-0.196998607
13851	9/3/2019 13:05:36		-122.361	37.7146				1975.61551	RS-700	0.187141841
13852	9/3/2019 13:05:37		-122.361	37.7146				1917.78759	RS-700	-0.100559254
13853	9/3/2019 13:05:38		-122.361	37.7146				1798.54232	RS-700	-0.693819303
13854	9/3/2019 13:05:39		-122.361	37.7146				1855.56128	RS-700	-0.410142886
13855	9/3/2019 13:05:40		-122.361	37.7146				1819.55986	RS-700	-0.589254428
13856	9/3/2019 13:05:41		-122.361	37.7146				1829.56327	RS-700	-0.539486219
13857	9/3/2019 13:05:42		-122.361	37.7146				1866.94712	RS-700	-0.353496915
13858	9/3/2019 13:05:43		-122.361	37.7146				1929.40032	RS-700	-0.042784478
13859	9/3/2019 13:05:44		-122.361	37.7146				1862.01291	RS-700	-0.378045224
13860	9/3/2019 13:05:45		-122.361	37.7146				1821.37812	RS-700	-0.580208358
13861	9/3/2019 13:05:46		-122.361	37.7146				1885.68425	RS-700	-0.260277363
13862	9/3/2019 13:05:47		-122.36	37.7146				1827.54442	RS-700	-0.549530249
13863	9/3/2019 13:05:48		-122.36	37.7146				1819.65062	RS-700	-0.588802886
13864	9/3/2019 13:05:49		-122.36	37.7146				1884.58138	RS-700	-0.265764279
13865	9/3/2019 13:05:50		-122.36	37.7146				1834.38066	RS-700	-0.515519104
13866	9/3/2019 13:05:51		-122.36	37.7146				1815.65481	RS-700	-0.608682537
13867	9/3/2019 13:05:52		-122.36	37.7146				1797.45769	RS-700	-0.699215473
13868	9/3/2019 13:05:53		-122.36	37.7146				1893.87106	RS-700	-0.219546965
13869	9/3/2019 13:05:54		-122.36	37.7146				1873.55648	RS-700	-0.320614527
13870	9/3/2019 13:05:55		-122.36	37.7146				1905.99545	RS-700	-0.159226617
13871	9/3/2019 13:05:56		-122.36	37.7146				1889.86929	RS-700	-0.239456269
13872	9/3/2019 13:05:57		-122.36	37.7146				1841.83968	RS-700	-0.478409552
13873	9/3/2019 13:05:58		-122.36	37.7146				1877.46547	RS-700	-0.301166816
13874	9/3/2019 13:05:59		-122.36	37.7145				1809.73877	RS-700	-0.638115572
13875	9/3/2019 13:06:00		-122.36	37.7145				1787.54641	RS-700	-0.748525323
13876	9/3/2019 13:06:01		-122.36	37.7145				1879.77519	RS-700	-0.289675672
13877	9/3/2019 13:06:02		-122.36	37.7145				1821.37764	RS-700	-0.580210746
13878	9/3/2019 13:06:03		-122.36	37.7145				1932.36974	RS-700	-0.028011244
13879	9/3/2019 13:06:04		-122.36	37.7145				1846.66124	RS-700	-0.454421692
13880	9/3/2019 13:06:05		-122.36	37.7145				1824.92117	RS-700	-0.562581244
13881	9/3/2019 13:06:06		-122.36	37.7145				1896.49241	RS-700	-0.206505423
13882	9/3/2019 13:06:07		-122.36	37.7145				1919.35464	RS-700	-0.092762985
13883	9/3/2019 13:06:08		-122.36	37.7145				1852.58794	RS-700	-0.424935622
13884	9/3/2019 13:06:09		-122.36	37.7145				1919.78296	RS-700	-0.09063204
13885	9/3/2019 13:06:10		-122.36	37.7145				1885.96408	RS-700	-0.258885174
13886	9/3/2019 13:06:11		-122.36	37.7145				1914.37247	RS-700	-0.1175499
13887	9/3/2019 13:06:12		-122.36	37.7145				1856.374	RS-700	-0.406099502
13888	9/3/2019 13:06:13		-122.36	37.7145				1892.39246	RS-700	-0.226903184
13889	9/3/2019 13:06:14		-122.36	37.7145				1940.49872	RS-700	0.012431443
13890	9/3/2019 13:06:15		-122.36	37.7145				1824.0176	RS-700	-0.567076617
13891	9/3/2019 13:06:16		-122.36	37.7145				1749.6269	RS-700	-0.937179602
13892	9/3/2019 13:06:17		-122.36	37.7145				1781.91108	RS-700	-0.776561791
13893	9/3/2019 13:06:18		-122.36	37.7145				1830.38562	RS-700	-0.535394925
13894	9/3/2019 13:06:19		-122.36	37.7145				1816.55972	RS-700	-0.604180498
13895	9/3/2019 13:06:20		-122.36	37.7145				1880.67182	RS-700	-0.285214826
13896	9/3/2019 13:06:21		-122.36	37.7145				1850.56966	RS-700	-0.434976816
13897	9/3/2019 13:06:22		-122.36	37.7145				1870.29597	RS-700	-0.33683597
13898	9/3/2019 13:06:23		-122.36	37.7145				1837.5698	RS-700	-0.499652736
13899	9/3/2019 13:06:24		-122.36	37.7145				1916.87546	RS-700	-0.105097214
13900	9/3/2019 13:06:25		-122.36	37.7145				1846.75199	RS-700	-0.453970199
13901	9/3/2019 13:06:26		-122.36	37.7145				1743.71026	RS-700	-0.966615622
13902	9/3/2019 13:06:27		-122.36	37.7145				1775.72657	RS-700	-0.807330498
13903	9/3/2019 13:06:28		-122.36	37.7145				1906.48596	RS-700	-0.156786269
13904	9/3/2019 13:06:29		-122.36	37.7145				1851.67638	RS-700	-0.429470746
13905	9/3/2019 13:06:30		-122.36	37.7145				1838.93392	RS-700	-0.49286607
13906	9/3/2019 13:06:31		-122.36	37.7145				1855.68471	RS-700	-0.409528806
13907	9/3/2019 13:06:32		-122.36	37.7144				1882.67581	RS-700	-0.275244726

Gamma Scan Survey Results
Survey Unit 5 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
13908	9/3/2019 13:06:33		-122.36	37.7144				1915.58967	RS-700	-0.111494179
13909	9/3/2019 13:06:34		-122.36	37.7144				1862.47767	RS-700	-0.375732985
13910	9/3/2019 13:06:35		-122.36	37.7144				1826.8324	RS-700	-0.553072637
13911	9/3/2019 13:06:36		-122.36	37.7144				1835.56772	RS-700	-0.509613333
13912	9/3/2019 13:06:37		-122.36	37.7144				1753.72163	RS-700	-0.916807811
13913	9/3/2019 13:06:38		-122.36	37.7144				1842.56646	RS-700	-0.474793731
13914	9/3/2019 13:06:39		-122.36	37.7144				1847.56858	RS-700	-0.449907562
13915	9/3/2019 13:06:40		-122.36	37.7144				1851.84855	RS-700	-0.428614179
13916	9/3/2019 13:06:41		-122.36	37.7144				1841.19651	RS-700	-0.481609403
13917	9/3/2019 13:06:42		-122.36	37.7144				1786.63882	RS-700	-0.753040697
13918	9/3/2019 13:06:43		-122.36	37.7144				1783.46442	RS-700	-0.768833731
13919	9/3/2019 13:06:44		-122.36	37.7144				1772.18837	RS-700	-0.824933483
13920	9/3/2019 13:06:45		-122.36	37.7144				1818.47137	RS-700	-0.594669801
13921	9/3/2019 13:06:46		-122.36	37.7144				1818.73992	RS-700	-0.593333731
13922	9/3/2019 13:06:47		-122.36	37.7144				1862.76226	RS-700	-0.374317114
13923	9/3/2019 13:06:48		-122.36	37.7144				1788.46061	RS-700	-0.743977065
13924	9/3/2019 13:06:49		-122.36	37.7144				1762.55041	RS-700	-0.872883532
13925	9/3/2019 13:06:50		-122.36	37.7144				1867.66678	RS-700	-0.349916517
13926	9/3/2019 13:06:51		-122.36	37.7144				1755.8949	RS-700	-0.905995522
13927	9/3/2019 13:06:52		-122.36	37.7144				1775.90147	RS-700	-0.806460348
13928	9/3/2019 13:06:53		-122.36	37.7144				1772.35382	RS-700	-0.824110348
13929	9/3/2019 13:06:54		-122.36	37.7144				1853.03967	RS-700	-0.422688209
13930	9/3/2019 13:06:55		-122.36	37.7144				1681.61701	RS-700	-1.275537264
13931	9/3/2019 13:06:56		-122.36	37.7144				1869.2937	RS-700	-0.341822388
13932	9/3/2019 13:06:57		-122.36	37.7144				1740.27462	RS-700	-0.983708358
13933	9/3/2019 13:06:58		-122.36	37.7144				1802.19188	RS-700	-0.675662289
13934	9/3/2019 13:06:59		-122.36	37.7144				1716.69745	RS-700	-1.101007711
13935	9/3/2019 13:07:00		-122.36	37.7144				1820.37748	RS-700	-0.585186667
13936	9/3/2019 13:07:01		-122.36	37.7144				1850.66272	RS-700	-0.434513831
13937	9/3/2019 13:07:02		-122.36	37.7144				1765.18429	RS-700	-0.859779652
13938	9/3/2019 13:07:03		-122.36	37.7144				1799.47554	RS-700	-0.689176418
13939	9/3/2019 13:07:04		-122.36	37.7144				1690.60913	RS-700	-1.230800348
13940	9/3/2019 13:07:05		-122.36	37.7144				1705.52692	RS-700	-1.156582488
13941	9/3/2019 13:07:06		-122.36	37.7144				1766.71915	RS-700	-0.852143532
13942	9/3/2019 13:07:07		-122.36	37.7144				1795.44794	RS-700	-0.709214229
13943	9/3/2019 13:07:08		-122.36	37.7144				1668.42914	RS-700	-1.341148557
13944	9/3/2019 13:07:09		-122.36	37.7144				1747.53612	RS-700	-0.947581493
13945	9/3/2019 13:07:10		-122.36	37.7144				1742.61978	RS-700	-0.972040896
13946	9/3/2019 13:07:11		-122.36	37.7144				1769.81104	RS-700	-0.836760995
13947	9/3/2019 13:07:12		-122.36	37.7144				1886.86297	RS-700	-0.254413085
13948	9/3/2019 13:07:13		-122.36	37.7144				1868.48157	RS-700	-0.345862836
13949	9/3/2019 13:07:14		-122.36	37.7143				1806.37488	RS-700	-0.654851343
13950	9/3/2019 13:07:15		-122.36	37.7143				1851.84645	RS-700	-0.428624627
13951	9/3/2019 13:07:16		-122.36	37.7143				1868.67249	RS-700	-0.344912985
13952	9/3/2019 13:07:17		-122.36	37.7143				1750.88694	RS-700	-0.930910746
13953	9/3/2019 13:07:18		-122.36	37.7143				1718.68689	RS-700	-1.09111
13954	9/3/2019 13:07:19		-122.36	37.7143				1730.52598	RS-700	-1.032209055
13955	9/3/2019 13:07:20		-122.36	37.7143				1760.45174	RS-700	-0.883324677
13956	9/3/2019 13:07:21		-122.36	37.7143				1793.64955	RS-700	-0.718161443
13957	9/3/2019 13:07:22		-122.36	37.7143				1788.2706	RS-700	-0.744922388
13958	9/3/2019 13:07:23		-122.36	37.7143				1678.43307	RS-700	-1.291377761
13959	9/3/2019 13:07:24		-122.36	37.7143				1682.35578	RS-700	-1.271861791
13960	9/3/2019 13:07:25		-122.36	37.7143				1813.73113	RS-700	-0.618253085
13961	9/3/2019 13:07:26		-122.36	37.7143				1806.64305	RS-700	-0.653517164
13962	9/3/2019 13:07:27		-122.36	37.7143				1772.36905	RS-700	-0.824034577
13963	9/3/2019 13:07:28		-122.36	37.7143				1791.46093	RS-700	-0.7290501
13964	9/3/2019 13:07:29		-122.36	37.7143				1724.35899	RS-700	-1.062890597
13965	9/3/2019 13:07:30		-122.36	37.7143				1776.36736	RS-700	-0.804142488
13966	9/3/2019 13:07:31		-122.36	37.7143				1753.72234	RS-700	-0.916804279
13967	9/3/2019 13:07:32		-122.36	37.7143				1765.54582	RS-700	-0.857980995
13968	9/3/2019 13:07:33		-122.36	37.7143				1814.92125	RS-700	-0.61233209

Gamma Scan Survey Results
Survey Unit 5 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
13969	9/3/2019 13:07:34		-122.36	37.7143				1721.44519	RS-700	-1.077387114
13970	9/3/2019 13:07:35		-122.36	37.7143				1793.6371	RS-700	-0.718223383
13971	9/3/2019 13:07:36		-122.36	37.7143				1765.72051	RS-700	-0.857111891
13972	9/3/2019 13:07:37		-122.36	37.7143				1755.53825	RS-700	-0.9077699
13973	9/3/2019 13:07:38		-122.36	37.7143				1662.59476	RS-700	-1.370175323
13974	9/3/2019 13:07:39		-122.36	37.7143				1763.36699	RS-700	-0.868820945
13975	9/3/2019 13:07:40		-122.36	37.7143				1787.99981	RS-700	-0.746269602
13976	9/3/2019 13:07:41		-122.36	37.7143				1760.63085	RS-700	-0.882433582
13977	9/3/2019 13:07:42		-122.36	37.7143				1660.51525	RS-700	-1.380521144
13978	9/3/2019 13:07:43		-122.36	37.7143				1731.17873	RS-700	-1.028961542
13979	9/3/2019 13:07:44		-122.36	37.7143				1749.79942	RS-700	-0.936321294
13980	9/3/2019 13:07:45		-122.36	37.7143				1738.62725	RS-700	-0.991904229
13981	9/3/2019 13:07:46		-122.36	37.7143				1789.63953	RS-700	-0.738111791
13982	9/3/2019 13:07:47		-122.36	37.7143				1707.60751	RS-700	-1.146231294
13983	9/3/2019 13:07:48		-122.36	37.7143				1803.64588	RS-700	-0.668428458
13984	9/3/2019 13:07:49		-122.36	37.7143				1765.72443	RS-700	-0.857092388
13985	9/3/2019 13:07:50		-122.36	37.7143				1799.37351	RS-700	-0.68968403
13986	9/3/2019 13:07:51		-122.36	37.7143				1708.70304	RS-700	-1.140780896
13987	9/3/2019 13:07:52		-122.36	37.7143				1752.88879	RS-700	-0.920951294
13988	9/3/2019 13:07:53		-122.36	37.7143				1781.81259	RS-700	-0.777051791
13989	9/3/2019 13:07:54		-122.36	37.7143				1686.51825	RS-700	-1.251152985
13990	9/3/2019 13:07:55		-122.36	37.7143				1702.26532	RS-700	-1.172809353
13991	9/3/2019 13:07:56		-122.36	37.7143				1711.69834	RS-700	-1.125878905
13992	9/3/2019 13:07:57		-122.36	37.7143				1700.43735	RS-700	-1.181903731
13993	9/3/2019 13:07:58		-122.36	37.7143				1750.625	RS-700	-0.93221393
13994	9/3/2019 13:07:59		-122.36	37.7143				1830.93033	RS-700	-0.532684925
13995	9/3/2019 13:08:00		-122.36	37.7143				1739.44564	RS-700	-0.987832637
13996	9/3/2019 13:08:01		-122.36	37.7143				1768.63431	RS-700	-0.842615373
13997	9/3/2019 13:08:02		-122.36	37.7143				1793.56494	RS-700	-0.718582388
13998	9/3/2019 13:08:03		-122.36	37.7143				1700.69549	RS-700	-1.180619453
13999	9/3/2019 13:08:04		-122.36	37.7143				1776.80832	RS-700	-0.801948657
14000	9/3/2019 13:08:05		-122.36	37.7143				1752.63961	RS-700	-0.922190995
14001	9/3/2019 13:08:06		-122.36	37.7143				1822.92646	RS-700	-0.572505174
14002	9/3/2019 13:08:07		-122.36	37.7143				1727.63064	RS-700	-1.046613731
14003	9/3/2019 13:08:08		-122.36	37.7144				1846.66358	RS-700	-0.45441005
14004	9/3/2019 13:08:09		-122.36	37.7144				1750.53668	RS-700	-0.932653333
14005	9/3/2019 13:08:10		-122.36	37.7144				1746.45337	RS-700	-0.952968308
14006	9/3/2019 13:08:11		-122.36	37.7144				1845.28296	RS-700	-0.461278806
14007	9/3/2019 13:08:12		-122.36	37.7144				1800.28538	RS-700	-0.685147363
14008	9/3/2019 13:08:13		-122.36	37.7144				1787.72931	RS-700	-0.747615373
14009	9/3/2019 13:08:14		-122.36	37.7144				1846.74983	RS-700	-0.453980945
14010	9/3/2019 13:08:15		-122.36	37.7144				1867.4817	RS-700	-0.350837313
14011	9/3/2019 13:08:16		-122.36	37.7144				1826.93014	RS-700	-0.552586368
14012	9/3/2019 13:08:17		-122.36	37.7144				1819.56117	RS-700	-0.58924791
14013	9/3/2019 13:08:18		-122.36	37.7144				1793.46228	RS-700	-0.719093134
14014	9/3/2019 13:08:19		-122.36	37.7144				1776.54611	RS-700	-0.803253184
14015	9/3/2019 13:08:20		-122.36	37.7144				1809.64725	RS-700	-0.638570896
14016	9/3/2019 13:08:21		-122.36	37.7144				1745.62089	RS-700	-0.95711
14017	9/3/2019 13:08:22		-122.36	37.7144				1690.60335	RS-700	-1.230829104
14018	9/3/2019 13:08:23		-122.36	37.7144				1764.80772	RS-700	-0.861653134
14019	9/3/2019 13:08:24		-122.36	37.7144				1728.79248	RS-700	-1.040833433
14020	9/3/2019 13:08:25		-122.36	37.7144				1755.04363	RS-700	-0.910230697
14021	9/3/2019 13:08:26		-122.36	37.7144				1699.9472	RS-700	-1.184342289
14022	9/3/2019 13:08:27		-122.36	37.7144				1803.5564	RS-700	-0.668873632
14023	9/3/2019 13:08:28		-122.36	37.7144				1847.84199	RS-700	-0.448547313
14024	9/3/2019 13:08:29		-122.36	37.7144				1779.37026	RS-700	-0.789202687
14025	9/3/2019 13:08:30		-122.36	37.7144				1840.84003	RS-700	-0.483382935
14026	9/3/2019 13:08:31		-122.36	37.7144				1814.37801	RS-700	-0.615034776
14027	9/3/2019 13:08:32		-122.36	37.7144				1850.47308	RS-700	-0.435457313
14028	9/3/2019 13:08:33		-122.36	37.7144				1769.7119	RS-700	-0.837254229
14029	9/3/2019 13:08:34		-122.36	37.7144				1755.53868	RS-700	-0.907767761

Gamma Scan Survey Results
Survey Unit 5 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
14030	9/3/2019 13:08:35		-122.36	37.7144				1784.63952	RS-700	-0.762987463
14031	9/3/2019 13:08:36		-122.36	37.7144				1797.85029	RS-700	-0.697262239
14032	9/3/2019 13:08:37		-122.36	37.7144				1925.07462	RS-700	-0.064305373
14033	9/3/2019 13:08:38		-122.36	37.7144				1846.28691	RS-700	-0.45628403
14034	9/3/2019 13:08:39		-122.36	37.7144				1810.73902	RS-700	-0.633139204
14035	9/3/2019 13:08:40		-122.36	37.7144				1834.57064	RS-700	-0.51457393
14036	9/3/2019 13:08:41		-122.36	37.7145				1822.47135	RS-700	-0.574769403
14037	9/3/2019 13:08:42		-122.36	37.7145				1881.39477	RS-700	-0.28161806
14038	9/3/2019 13:08:43		-122.36	37.7145				1861.22364	RS-700	-0.38197194
14039	9/3/2019 13:08:44		-122.36	37.7145				1837.93137	RS-700	-0.497853881
14040	9/3/2019 13:08:45		-122.36	37.7145				1881.86177	RS-700	-0.279294677
14041	9/3/2019 13:08:46		-122.36	37.7145				1863.56388	RS-700	-0.370328955
14042	9/3/2019 13:08:47		-122.36	37.7145				1938.28958	RS-700	0.001440697
14043	9/3/2019 13:08:48		-122.36	37.7145				1805.46335	RS-700	-0.659386318
14044	9/3/2019 13:08:49		-122.36	37.7145				1862.57484	RS-700	-0.375249552
14045	9/3/2019 13:08:50		-122.36	37.7145				1934.49339	RS-700	-0.017445821
14046	9/3/2019 13:08:51		-122.36	37.7145				1786.53255	RS-700	-0.753569403
14047	9/3/2019 13:08:52		-122.36	37.7145				1826.56133	RS-700	-0.554421244
14048	9/3/2019 13:08:53		-122.36	37.7145				1893.8588	RS-700	-0.21960796
14049	9/3/2019 13:08:54		-122.36	37.7145				1832.75709	RS-700	-0.523596567
14050	9/3/2019 13:08:55		-122.36	37.7145				1854.66452	RS-700	-0.414604378
14051	9/3/2019 13:08:56		-122.36	37.7145				1860.57047	RS-700	-0.385221542
14052	9/3/2019 13:08:57		-122.36	37.7145				1747.53689	RS-700	-0.947577662
14053	9/3/2019 13:08:58		-122.36	37.7145				1866.48201	RS-700	-0.355810896
14054	9/3/2019 13:08:59		-122.36	37.7145				1811.82931	RS-700	-0.627714876
14055	9/3/2019 13:09:00		-122.36	37.7145				1836.19579	RS-700	-0.506488607
14056	9/3/2019 13:09:01		-122.36	37.7145				1818.46997	RS-700	-0.594676766
14057	9/3/2019 13:09:02		-122.36	37.7145				1837.38089	RS-700	-0.500592587
14058	9/3/2019 13:09:03		-122.36	37.7145				1845.74908	RS-700	-0.458959801
14059	9/3/2019 13:09:04		-122.36	37.7145				1839.85256	RS-700	-0.488295721
14060	9/3/2019 13:09:05		-122.36	37.7145				1822.10978	RS-700	-0.576568259
14061	9/3/2019 13:09:06		-122.36	37.7145				1844.38235	RS-700	-0.465759453
14062	9/3/2019 13:09:07		-122.36	37.7145				1892.58302	RS-700	-0.225955124
14063	9/3/2019 13:09:08		-122.36	37.7145				1858.30373	RS-700	-0.396498856
14064	9/3/2019 13:09:09		-122.36	37.7145				1876.67252	RS-700	-0.305111841
14065	9/3/2019 13:09:10		-122.36	37.7145				1829.7476	RS-700	-0.538569154
14066	9/3/2019 13:09:11		-122.36	37.7145				1932.98316	RS-700	-0.024959403
14067	9/3/2019 13:09:12		-122.36	37.7145				1939.69736	RS-700	0.008444577
14068	9/3/2019 13:09:13		-122.36	37.7145				1859.28934	RS-700	-0.391595323
14069	9/3/2019 13:09:14		-122.36	37.7145				1841.65563	RS-700	-0.479325224
14070	9/3/2019 13:09:15		-122.36	37.7145				1877.48332	RS-700	-0.30107801
14071	9/3/2019 13:09:16		-122.36	37.7145				1906.49469	RS-700	-0.156742836
14072	9/3/2019 13:09:17		-122.36	37.7146				1898.58051	RS-700	-0.196116866
14073	9/3/2019 13:09:18		-122.36	37.7146				1882.86165	RS-700	-0.274320149
14074	9/3/2019 13:09:19		-122.36	37.7146				1567.56661	RS-700	-1.842952189
14075	9/3/2019 13:09:20		-122.36	37.7146				1412.37272	RS-700	-2.615061095
14076	9/3/2019 13:09:21		-122.36	37.7146				1795.84277	RS-700	-0.7072499
14077	9/3/2019 13:09:22		-122.36	37.7146				1756.79555	RS-700	-0.901514677
14078	9/3/2019 13:09:23		-122.36	37.7146				1965.00211	RS-700	0.134338856
14079	9/3/2019 13:09:24		-122.36	37.7145				1844.02664	RS-700	-0.467529154
14080	9/3/2019 13:09:25		-122.36	37.7145				1822.65177	RS-700	-0.573871791
14081	9/3/2019 13:09:26		-122.36	37.7145				1850.47727	RS-700	-0.435436468
14082	9/3/2019 13:09:27		-122.36	37.7145				1873.57911	RS-700	-0.32050194
14083	9/3/2019 13:09:28		-122.36	37.7145				1988.82291	RS-700	0.252850299
14084	9/3/2019 13:09:29		-122.36	37.7145				1960.80007	RS-700	0.113433184
14085	9/3/2019 13:09:30		-122.36	37.7145				1903.68122	RS-700	-0.170740199
14086	9/3/2019 13:09:31		-122.36	37.7145				1786.37095	RS-700	-0.754373383
14087	9/3/2019 13:09:32		-122.36	37.7145				1868.58705	RS-700	-0.34533806
14088	9/3/2019 13:09:33		-122.36	37.7145				1806.2824	RS-700	-0.655311443
14089	9/3/2019 13:09:34		-122.36	37.7146				1912.59132	RS-700	-0.126411343
14090	9/3/2019 13:09:35		-122.36	37.7146				1798.8176	RS-700	-0.692449751

Gamma Scan Survey Results
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SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
14091	9/3/2019 13:09:36		-122.36	37.7146				1818.55975	RS-700	-0.5942301
14092	9/3/2019 13:09:37		-122.36	37.7146				1846.57033	RS-700	-0.45487398
14093	9/3/2019 13:09:38		-122.36	37.7146				1841.12628	RS-700	-0.481958806
14094	9/3/2019 13:09:39		-122.36	37.7146				1862.57654	RS-700	-0.375241095
14095	9/3/2019 13:09:40		-122.36	37.7146				1909.59008	RS-700	-0.141342886
14096	9/3/2019 13:09:41		-122.36	37.7146				2025.72251	RS-700	0.436430398
14097	9/3/2019 13:09:42		-122.36	37.7146				1850.75097	RS-700	-0.434074776
14098	9/3/2019 13:09:43		-122.36	37.7146				1889.85668	RS-700	-0.239519005
14099	9/3/2019 13:09:44		-122.36	37.7146				1884.57634	RS-700	-0.265789353
14100	9/3/2019 13:09:45		-122.36	37.7146				1927.49629	RS-700	-0.052257264
14101	9/3/2019 13:09:46		-122.36	37.7146				1986.41171	RS-700	0.240854279
14102	9/3/2019 13:09:47		-122.36	37.7146				1946.2742	RS-700	0.041165174
14103	9/3/2019 13:09:48		-122.36	37.7146				1884.86614	RS-700	-0.264347562
14104	9/3/2019 13:09:49		-122.36	37.7146				1888.57458	RS-700	-0.245897612
14105	9/3/2019 13:09:50		-122.36	37.7146				1895.58835	RS-700	-0.211003234
14106	9/3/2019 13:09:51		-122.36	37.7146				1916.26365	RS-700	-0.108141045
14107	9/3/2019 13:09:52		-122.36	37.7146				1906.86968	RS-700	-0.154877214
14108	9/3/2019 13:09:53		-122.36	37.7146				1878.29514	RS-700	-0.297039104
14109	9/3/2019 13:09:54		-122.36	37.7146				1961.5046	RS-700	0.116938308
14110	9/3/2019 13:09:55		-122.36	37.7146				1937.30553	RS-700	-0.003455075
14111	9/3/2019 13:09:56		-122.361	37.7146				1932.77847	RS-700	-0.025977761
14112	9/3/2019 13:09:57		-122.361	37.7146				1869.66774	RS-700	-0.339961493
14113	9/3/2019 13:09:58		-122.361	37.7146				1757.36383	RS-700	-0.898687413
14114	9/3/2019 13:09:59		-122.361	37.7146				1788.64428	RS-700	-0.743063284
14115	9/3/2019 13:10:00		-122.361	37.7146				1862.6666	RS-700	-0.374793035
14116	9/3/2019 13:10:01		-122.361	37.7146				1818.46228	RS-700	-0.594715025
14117	9/3/2019 13:10:02		-122.361	37.7146				1856.38221	RS-700	-0.406058657
14118	9/3/2019 13:10:03		-122.361	37.7146				1930.98112	RS-700	-0.034919801
14119	9/3/2019 13:10:04		-122.361	37.7146				1905.4915	RS-700	-0.161733831
14120	9/3/2019 13:10:05		-122.361	37.7146				1912.70681	RS-700	-0.125836766
14121	9/3/2019 13:10:06		-122.361	37.7146				1929.68172	RS-700	-0.041384478
14122	9/3/2019 13:10:07		-122.361	37.7146				1936.98271	RS-700	-0.005061144
14123	9/3/2019 13:10:08		-122.361	37.7146				1893.58326	RS-700	-0.220978806
14124	9/3/2019 13:10:09		-122.361	37.7146				1924.39948	RS-700	-0.067664279
14125	9/3/2019 13:10:10		-122.361	37.7146				1873.57696	RS-700	-0.320512637
14126	9/3/2019 13:10:11		-122.361	37.7146				1861.84994	RS-700	-0.37885602
14127	9/3/2019 13:10:12		-122.361	37.7146				1993.71853	RS-700	0.277206617
14128	9/3/2019 13:10:13		-122.361	37.7147				1911.0614	RS-700	-0.134022886
14129	9/3/2019 13:10:14		-122.361	37.7147				1891.15453	RS-700	-0.23306204
14130	9/3/2019 13:10:15		-122.361	37.7147				1971.30523	RS-700	0.165697662
14131	9/3/2019 13:10:16		-122.361	37.7147				1805.91059	RS-700	-0.657161244
14132	9/3/2019 13:10:17		-122.361	37.7147				1964.50922	RS-700	0.131886667
14133	9/3/2019 13:10:18		-122.361	37.7147				1904.14368	RS-700	-0.168439403
14134	9/3/2019 13:10:19		-122.361	37.7147				1912.59076	RS-700	-0.126414129
14135	9/3/2019 13:10:20		-122.361	37.7147				1994.70685	RS-700	0.282123632
14136	9/3/2019 13:10:21		-122.361	37.7147				1913.97934	RS-700	-0.119505771
14137	9/3/2019 13:10:22		-122.361	37.7147				1987.90637	RS-700	0.248290398
14138	9/3/2019 13:10:23		-122.361	37.7147				1894.15236	RS-700	-0.218147463
14139	9/3/2019 13:10:24		-122.361	37.7147				1967.79955	RS-700	0.148256468
14140	9/3/2019 13:10:25		-122.361	37.7147				1904.2995	RS-700	-0.167664179
14141	9/3/2019 13:10:26		-122.361	37.7147				2021.72475	RS-700	0.416541045
14142	9/3/2019 13:10:27		-122.361	37.7147				1959.6878	RS-700	0.107899502
14143	9/3/2019 13:10:28		-122.361	37.7147				1885.57955	RS-700	-0.260798259
14144	9/3/2019 13:10:29		-122.361	37.7147				1919.58215	RS-700	-0.091631095
14145	9/3/2019 13:10:30		-122.361	37.7147				1810.48774	RS-700	-0.634389353
14146	9/3/2019 13:10:31		-122.361	37.7147				1855.29021	RS-700	-0.411491493
14147	9/3/2019 13:10:32		-122.361	37.7147				1853.66572	RS-700	-0.419573532
14148	9/3/2019 13:10:33		-122.361	37.7147				1832.75169	RS-700	-0.523623433
14149	9/3/2019 13:10:34		-122.361	37.7147				1886.58208	RS-700	-0.255810547
14150	9/3/2019 13:10:35		-122.361	37.7147				1847.77084	RS-700	-0.448901294
14151	9/3/2019 13:10:36		-122.361	37.7147				1806.73385	RS-700	-0.653065423

Gamma Scan Survey Results
Survey Unit 5 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
14152	9/3/2019 13:10:37		-122.361	37.7147				1782.28252	RS-700	-0.774713831
14153	9/3/2019 13:10:38		-122.361	37.7147				1857.38025	RS-700	-0.401093284
14154	9/3/2019 13:10:39		-122.361	37.7147				1763.71986	RS-700	-0.867065373
14155	9/3/2019 13:10:40		-122.361	37.7147				1783.54312	RS-700	-0.768442189
14156	9/3/2019 13:10:41		-122.361	37.7147				1723.35127	RS-700	-1.067904129
14157	9/3/2019 13:10:42		-122.361	37.7147				1796.83815	RS-700	-0.702297761
14158	9/3/2019 13:10:43		-122.361	37.7147				1857.11983	RS-700	-0.402388905
14159	9/3/2019 13:10:44		-122.361	37.7147				1855.38472	RS-700	-0.411021294
14160	9/3/2019 13:10:45		-122.361	37.7147				1892.67612	RS-700	-0.22549194
14161	9/3/2019 13:10:46		-122.361	37.7147				1924.59035	RS-700	-0.066714677
14162	9/3/2019 13:10:47		-122.361	37.7147				1883.58192	RS-700	-0.270736716
14163	9/3/2019 13:10:48		-122.361	37.7147				1872.05955	RS-700	-0.32806194
14164	9/3/2019 13:10:49		-122.361	37.7147				1930.69016	RS-700	-0.036367363
14165	9/3/2019 13:10:50		-122.361	37.7148				1854.94217	RS-700	-0.413223035
14166	9/3/2019 13:10:51		-122.361	37.7148				1828.56435	RS-700	-0.54445597
14167	9/3/2019 13:10:52		-122.361	37.7148				1816.6505	RS-700	-0.603728856
14168	9/3/2019 13:10:53		-122.361	37.7148				1944.28084	RS-700	0.03124796
14169	9/3/2019 13:10:54		-122.361	37.7148				1952.50011	RS-700	0.072139851
14170	9/3/2019 13:10:55		-122.361	37.7148				2038.02849	RS-700	0.497654179
14171	9/3/2019 13:10:56		-122.361	37.7148				1940.89364	RS-700	0.014396219
14172	9/3/2019 13:10:57		-122.361	37.7148				1890.30118	RS-700	-0.237307562
14173	9/3/2019 13:10:58		-122.361	37.7148				1874.67097	RS-700	-0.315069801
14174	9/3/2019 13:10:59		-122.361	37.7148				1992.61713	RS-700	0.271727015
14175	9/3/2019 13:11:00		-122.361	37.7148				1917.68876	RS-700	-0.101050945
14176	9/3/2019 13:11:01		-122.361	37.7148				1847.47278	RS-700	-0.450384179
14177	9/3/2019 13:11:02		-122.361	37.7148				1923.59229	RS-700	-0.071680149
14178	9/3/2019 13:11:03		-122.361	37.7148				1918.87988	RS-700	-0.095124975
14179	9/3/2019 13:11:04		-122.361	37.7148				1969.6062	RS-700	0.157244776
14180	9/3/2019 13:11:05		-122.361	37.7147				1974.70764	RS-700	0.182625075
14181	9/3/2019 13:11:06		-122.361	37.7147				1964.48637	RS-700	0.131772985
14182	9/3/2019 13:11:07		-122.361	37.7147				1967.6061	RS-700	0.14729403
14183	9/3/2019 13:11:08		-122.361	37.7147				1955.79781	RS-700	0.088546318
14184	9/3/2019 13:11:09		-122.361	37.7147				1990.81264	RS-700	0.262749453
14185	9/3/2019 13:11:10		-122.361	37.7147				1894.77473	RS-700	-0.215051095
14186	9/3/2019 13:11:11		-122.361	37.7147				1932.20619	RS-700	-0.028824925
14187	9/3/2019 13:11:12		-122.361	37.7148				1824.73764	RS-700	-0.563494328
14188	9/3/2019 13:11:13		-122.361	37.7148				1910.4964	RS-700	-0.136833831
14189	9/3/2019 13:11:14		-122.361	37.7148				1926.20099	RS-700	-0.058701542
14190	9/3/2019 13:11:15		-122.361	37.7148				1878.20548	RS-700	-0.297485174
14191	9/3/2019 13:11:16		-122.361	37.7148				1806.73694	RS-700	-0.65305005
14192	9/3/2019 13:11:17		-122.361	37.7148				1861.76142	RS-700	-0.379296418
14193	9/3/2019 13:11:18		-122.361	37.7148				1973.90347	RS-700	0.178624229
14194	9/3/2019 13:11:19		-122.361	37.7148				1916.39868	RS-700	-0.107469254
14195	9/3/2019 13:11:20		-122.361	37.7148				1970.90434	RS-700	0.163703184
14196	9/3/2019 13:11:21		-122.361	37.7148				2037.43349	RS-700	0.49469398
14197	9/3/2019 13:11:22		-122.361	37.7148				1996.51689	RS-700	0.291128806
14198	9/3/2019 13:11:23		-122.361	37.7148				1877.66424	RS-700	-0.30017791
14199	9/3/2019 13:11:24		-122.361	37.7148				2033.02899	RS-700	0.472781045
14200	9/3/2019 13:11:25		-122.361	37.7148				2002.11697	RS-700	0.3189899
14201	9/3/2019 13:11:26		-122.361	37.7148				1963.29535	RS-700	0.125847512
14202	9/3/2019 13:11:27		-122.361	37.7148				2080.16579	RS-700	0.707292488
14203	9/3/2019 13:11:28		-122.361	37.7148				2018.72432	RS-700	0.401613532
14204	9/3/2019 13:11:29		-122.361	37.7148				2035.5234	RS-700	0.485191045
14205	9/3/2019 13:11:30		-122.361	37.7148				1975.70805	RS-700	0.187602239
14206	9/3/2019 13:11:31		-122.361	37.7148				2000.91818	RS-700	0.313025771
14207	9/3/2019 13:11:32		-122.361	37.7148				1938.69668	RS-700	0.00346607
14208	9/3/2019 13:11:33		-122.361	37.7148				1893.67755	RS-700	-0.220509701
14209	9/3/2019 13:11:34		-122.361	37.7148				1983.01444	RS-700	0.223952438
14210	9/3/2019 13:11:35		-122.361	37.7148				1945.2087	RS-700	0.035864179
14211	9/3/2019 13:11:36		-122.361	37.7148				1589.57781	RS-700	-1.733443731
14212	9/3/2019 13:11:37		-122.361	37.7148				1568.57322	RS-700	-1.837944179

Gamma Scan Survey Results
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SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
14213	9/3/2019 13:11:38		-122.361	37.7148				1569.80521	RS-700	-1.831814876
14214	9/3/2019 13:11:39		-122.361	37.7148				1155.24153	RS-700	-3.894320746
14215	9/3/2019 13:11:40		-122.361	37.7148				1305.19665	RS-700	-3.148275373
14216	9/3/2019 13:11:41		-122.361	37.7148				1837.94474	RS-700	-0.497787363
14217	9/3/2019 13:11:42		-122.361	37.7148				2012.82001	RS-700	0.372238856
14218	9/3/2019 13:11:43		-122.361	37.7148				2030.11838	RS-700	0.458300398
14219	9/3/2019 13:11:44		-122.361	37.7148				1847.3913	RS-700	-0.450789552
14220	9/3/2019 13:11:45		-122.361	37.7148				1857.66009	RS-700	-0.399701045
14221	9/3/2019 13:11:46		-122.361	37.7148				1904.50193	RS-700	-0.166657065
14222	9/3/2019 13:11:47		-122.361	37.7148				1959.69895	RS-700	0.107954975
14223	9/3/2019 13:11:48		-122.361	37.7148				1851.66354	RS-700	-0.429534627
14224	9/3/2019 13:11:49		-122.361	37.7148				1858.7661	RS-700	-0.394198507
14225	9/3/2019 13:11:50		-122.361	37.7148				1774.8961	RS-700	-0.811462189
14226	9/3/2019 13:11:51		-122.361	37.7148				1816.55955	RS-700	-0.604181343
14227	9/3/2019 13:11:52		-122.361	37.7148				1838.56336	RS-700	-0.494709652
14228	9/3/2019 13:11:53		-122.361	37.7148				1906.59475	RS-700	-0.156245025
14229	9/3/2019 13:11:54		-122.361	37.7148				1969.50888	RS-700	0.156760597
14230	9/3/2019 13:11:55		-122.361	37.7148				1828.65726	RS-700	-0.543993731
14231	9/3/2019 13:11:56		-122.361	37.7148				1905.80011	RS-700	-0.160198458
14232	9/3/2019 13:11:57		-122.361	37.7148				1842.10454	RS-700	-0.477091841
14233	9/3/2019 13:11:58		-122.361	37.7148				1914.97047	RS-700	-0.114574776
14234	9/3/2019 13:11:59		-122.361	37.7148				1860.57795	RS-700	-0.385184328
14235	9/3/2019 13:12:00		-122.361	37.7148				1889.58233	RS-700	-0.24088393
14236	9/3/2019 13:12:01		-122.361	37.7149				1934.36864	RS-700	-0.018066468
14237	9/3/2019 13:12:02		-122.361	37.7149				1895.39771	RS-700	-0.211951692
14238	9/3/2019 13:12:03		-122.361	37.7149				1817.00651	RS-700	-0.601957662
14239	9/3/2019 13:12:04		-122.361	37.7149				1830.5687	RS-700	-0.53448408
14240	9/3/2019 13:12:05		-122.361	37.7149				1888.88275	RS-700	-0.244364428
14241	9/3/2019 13:12:06		-122.361	37.7149				1776.4569	RS-700	-0.803697015
14242	9/3/2019 13:12:07		-122.361	37.7149				1880.66846	RS-700	-0.285231542
14243	9/3/2019 13:12:08		-122.361	37.7149				1951.29163	RS-700	0.066127512
14244	9/3/2019 13:12:09		-122.361	37.7149				1907.49981	RS-700	-0.151742239
14245	9/3/2019 13:12:10		-122.361	37.7149				1875.29403	RS-700	-0.31197
14246	9/3/2019 13:12:11		-122.361	37.7149				1946.09367	RS-700	0.040267015
14247	9/3/2019 13:12:12		-122.361	37.7149				1897.95637	RS-700	-0.19922204
14248	9/3/2019 13:12:13		-122.361	37.7149				1864.85351	RS-700	-0.363912886
14249	9/3/2019 13:12:14		-122.361	37.7149				1857.7579	RS-700	-0.399214428
14250	9/3/2019 13:12:15		-122.361	37.7149				1984.12421	RS-700	0.229473682
14251	9/3/2019 13:12:16		-122.361	37.7149				1877.047	RS-700	-0.303248756
14252	9/3/2019 13:12:17		-122.361	37.7149				1878.8631	RS-700	-0.294213433
14253	9/3/2019 13:12:18		-122.361	37.7149				1958.38653	RS-700	0.101425522
14254	9/3/2019 13:12:19		-122.361	37.7149				1952.08582	RS-700	0.070078706
14255	9/3/2019 13:12:20		-122.361	37.7149				1796.73996	RS-700	-0.702786269
14256	9/3/2019 13:12:21		-122.361	37.7149				1801.73489	RS-700	-0.677935871
14257	9/3/2019 13:12:22		-122.361	37.7149				1859.48962	RS-700	-0.390598905
14258	9/3/2019 13:12:23		-122.361	37.7149				1889.67115	RS-700	-0.24044204
14259	9/3/2019 13:12:24		-122.361	37.7149				1769.54416	RS-700	-0.838088756
14260	9/3/2019 13:12:25		-122.361	37.7149				1733.61994	RS-700	-1.016816219
14261	9/3/2019 13:12:26		-122.361	37.7149				1691.61792	RS-700	-1.225781493
14262	9/3/2019 13:12:27		-122.361	37.7149				1675.65544	RS-700	-1.305196816
14263	9/3/2019 13:12:28		-122.361	37.7149				1659.50924	RS-700	-1.385526169
14264	9/3/2019 13:12:29		-122.361	37.7149				1555.31968	RS-700	-1.903882189
14265	9/3/2019 13:12:30		-122.361	37.7149				1474.37869	RS-700	-2.306573682
14266	9/3/2019 13:12:31		-122.361	37.7149				1414.43922	RS-700	-2.60478
14267	9/3/2019 13:12:32		-122.361	37.7149				1387.1467	RS-700	-2.740563682
14268	9/3/2019 13:12:33		-122.361	37.7149				1298.20306	RS-700	-3.183069353
14269	9/3/2019 13:12:34		-122.361	37.7149				1281.53215	RS-700	-3.266009204
14270	9/3/2019 13:12:35		-122.361	37.7149				1262.25949	RS-700	-3.361893085
14271	9/3/2019 13:12:36		-122.361	37.7149				1208.13041	RS-700	-3.63119199
14272	9/3/2019 13:12:37		-122.361	37.7149				1057.22041	RS-700	-4.38198801
14273	9/3/2019 13:12:38		-122.361	37.7149				1012.46542	RS-700	-4.604649652

Gamma Scan Survey Results
Survey Unit 5 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
14274	9/3/2019 13:12:39		-122.361	37.7149				1192.2465	RS-700	-3.710216418
14275	9/3/2019 13:12:40		-122.361	37.7149				1452.69594	RS-700	-2.41444806
14276	9/3/2019 13:12:41		-122.361	37.7149				1701.52413	RS-700	-1.176496866
14277	9/3/2019 13:12:42		-122.361	37.7149				1814.73869	RS-700	-0.613240348
14278	9/3/2019 13:12:43		-122.361	37.7149				1820.66803	RS-700	-0.583741144
14279	9/3/2019 13:12:44		-122.361	37.715				1821.65829	RS-700	-0.578814478
14280	9/3/2019 13:12:45		-122.361	37.715				1838.56908	RS-700	-0.494681194
14281	9/3/2019 13:12:46		-122.361	37.715				1862.47875	RS-700	-0.375727612
14282	9/3/2019 13:12:47		-122.361	37.715				1846.84644	RS-700	-0.453500299
14283	9/3/2019 13:12:48		-122.361	37.715				1786.27719	RS-700	-0.754839851
14284	9/3/2019 13:12:49		-122.361	37.715				1887.86796	RS-700	-0.249413134
14285	9/3/2019 13:12:50		-122.361	37.715				1814.55839	RS-700	-0.614137363
14286	9/3/2019 13:12:51		-122.361	37.715				1890.2984	RS-700	-0.237321393
14287	9/3/2019 13:12:52		-122.361	37.715				1787.36687	RS-700	-0.749418557
14288	9/3/2019 13:12:53		-122.361	37.715				1807.55691	RS-700	-0.648970597
14289	9/3/2019 13:12:54		-122.361	37.715				1893.96103	RS-700	-0.219099353
14290	9/3/2019 13:12:55		-122.361	37.7149				1799.646	RS-700	-0.688328358
14291	9/3/2019 13:12:56		-122.361	37.7149				1821.75501	RS-700	-0.578333284
14292	9/3/2019 13:12:57		-122.361	37.7149				1796.64162	RS-700	-0.703275522
14293	9/3/2019 13:12:58		-122.361	37.7149				1954.70005	RS-700	0.083084826
14294	9/3/2019 13:12:59		-122.361	37.7149				1918.59266	RS-700	-0.09655393
14295	9/3/2019 13:13:00		-122.361	37.7149				1920.40901	RS-700	-0.087517363
14296	9/3/2019 13:13:01		-122.361	37.7149				1960.80023	RS-700	0.11343398
14297	9/3/2019 13:13:02		-122.361	37.7149				1866.10398	RS-700	-0.357691642
14298	9/3/2019 13:13:03		-122.361	37.7149				1993.41032	RS-700	0.275673234
14299	9/3/2019 13:13:04		-122.361	37.7149				1958.5124	RS-700	0.102051741
14300	9/3/2019 13:13:05		-122.361	37.7149				1943.41497	RS-700	0.026940149
14301	9/3/2019 13:13:06		-122.361	37.7149				1893.67876	RS-700	-0.220503682
14302	9/3/2019 13:13:07		-122.361	37.715				1812.19386	RS-700	-0.625901194
14303	9/3/2019 13:13:08		-122.361	37.715				1860.75924	RS-700	-0.384282388
14304	9/3/2019 13:13:09		-122.361	37.715				1807.64968	RS-700	-0.648509055
14305	9/3/2019 13:13:10		-122.361	37.715				1836.55479	RS-700	-0.504702537
14306	9/3/2019 13:13:11		-122.361	37.715				1811.46663	RS-700	-0.629519254
14307	9/3/2019 13:13:12		-122.361	37.715				1754.54055	RS-700	-0.912733582
14308	9/3/2019 13:13:13		-122.361	37.715				1942.68648	RS-700	0.023315821
14309	9/3/2019 13:13:14		-122.361	37.715				1848.66404	RS-700	-0.444457512
14310	9/3/2019 13:13:15		-122.361	37.715				1900.49059	RS-700	-0.18661398
14311	9/3/2019 13:13:16		-122.361	37.715				1833.4746	RS-700	-0.520026866
14312	9/3/2019 13:13:17		-122.361	37.715				1879.38482	RS-700	-0.291617811
14313	9/3/2019 13:13:18		-122.361	37.715				1821.3766	RS-700	-0.58021592
14314	9/3/2019 13:13:19		-122.361	37.715				1898.68034	RS-700	-0.195620199
14315	9/3/2019 13:13:20		-122.361	37.715				1884.78632	RS-700	-0.264744677
14316	9/3/2019 13:13:21		-122.361	37.715				1825.29197	RS-700	-0.560736468
14317	9/3/2019 13:13:22		-122.361	37.715				1791.65017	RS-700	-0.728108607
14318	9/3/2019 13:13:23		-122.361	37.715				1880.49115	RS-700	-0.286113682
14319	9/3/2019 13:13:24		-122.361	37.715				1844.29178	RS-700	-0.46621005
14320	9/3/2019 13:13:25		-122.361	37.715				1787.3652	RS-700	-0.749426866
14321	9/3/2019 13:13:26		-122.361	37.715				1823.6511	RS-700	-0.5689
14322	9/3/2019 13:13:27		-122.361	37.715				1740.27711	RS-700	-0.98369597
14323	9/3/2019 13:13:28		-122.361	37.715				1787.73324	RS-700	-0.747595821
14324	9/3/2019 13:13:29		-122.361	37.715				1753.36782	RS-700	-0.91856806
14325	9/3/2019 13:13:30		-122.361	37.715				1874.14239	RS-700	-0.317699552
14326	9/3/2019 13:13:31		-122.361	37.715				1975.60597	RS-700	0.187094378
14327	9/3/2019 13:13:32		-122.361	37.715				1878.38735	RS-700	-0.296580348
14328	9/3/2019 13:13:33		-122.361	37.715				1940.59432	RS-700	0.012907065
14329	9/3/2019 13:13:34		-122.361	37.715				1843.75188	RS-700	-0.468896119
14330	9/3/2019 13:13:35		-122.361	37.715				1887.48812	RS-700	-0.251302886
14331	9/3/2019 13:13:36		-122.361	37.715				1875.57767	RS-700	-0.310558856
14332	9/3/2019 13:13:37		-122.361	37.715				1827.65686	RS-700	-0.548970846
14333	9/3/2019 13:13:38		-122.361	37.715				1876.5779	RS-700	-0.305582587
14334	9/3/2019 13:13:39		-122.361	37.715				1912.87662	RS-700	-0.12499194

Gamma Scan Survey Results
Survey Unit 5 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
14335	9/3/2019 13:13:40		-122.361	37.7151				1912.58788	RS-700	-0.126428458
14336	9/3/2019 13:13:41		-122.361	37.7151				1921.8075	RS-700	-0.080559701
14337	9/3/2019 13:13:42		-122.361	37.7151				1912.49264	RS-700	-0.126902289
14338	9/3/2019 13:13:43		-122.361	37.7151				1967.50982	RS-700	0.146815025
14339	9/3/2019 13:13:44		-122.361	37.7151				1844.84355	RS-700	-0.463464925
14340	9/3/2019 13:13:45		-122.361	37.7151				1942.7948	RS-700	0.023854726
14341	9/3/2019 13:13:46		-122.361	37.7151				1875.29608	RS-700	-0.311959801
14342	9/3/2019 13:13:47		-122.361	37.7151				1947.98927	RS-700	0.049697861
14343	9/3/2019 13:13:48		-122.361	37.7151				1901.02499	RS-700	-0.183955274
14344	9/3/2019 13:13:49		-122.361	37.7151				1912.58918	RS-700	-0.12642199
14345	9/3/2019 13:13:50		-122.361	37.7151				1905.88629	RS-700	-0.159769701
14346	9/3/2019 13:13:51		-122.361	37.7151				1926.79546	RS-700	-0.05574398
14347	9/3/2019 13:13:52		-122.361	37.7151				1840.66147	RS-700	-0.484271294
14348	9/3/2019 13:13:53		-122.361	37.7151				1936.40166	RS-700	-0.00795194
14349	9/3/2019 13:13:54		-122.361	37.7151				1898.9631	RS-700	-0.194213433
14350	9/3/2019 13:13:55		-122.361	37.7151				1902.18454	RS-700	-0.178186368
14351	9/3/2019 13:13:56		-122.361	37.7151				1885.67391	RS-700	-0.260328806
14352	9/3/2019 13:13:57		-122.361	37.7151				1940.58916	RS-700	0.012881393
14353	9/3/2019 13:13:58		-122.361	37.7151				1862.58347	RS-700	-0.375206617
14354	9/3/2019 13:13:59		-122.361	37.7151				1803.74236	RS-700	-0.667948458
14355	9/3/2019 13:14:00		-122.361	37.7151				1965.90585	RS-700	0.138835075
14356	9/3/2019 13:14:01		-122.361	37.7151				1952.88838	RS-700	0.074071542
14357	9/3/2019 13:14:02		-122.361	37.7151				1889.14835	RS-700	-0.243043035
14358	9/3/2019 13:14:03		-122.361	37.7151				1840.3894	RS-700	-0.485624876
14359	9/3/2019 13:14:04		-122.361	37.7151				1811.55704	RS-700	-0.629069453
14360	9/3/2019 13:14:05		-122.361	37.7151				1812.82994	RS-700	-0.622736617
14361	9/3/2019 13:14:06		-122.361	37.7151				1798.64049	RS-700	-0.693330896
14362	9/3/2019 13:14:07		-122.361	37.7151				1767.63131	RS-700	-0.847605423
14363	9/3/2019 13:14:08		-122.361	37.7151				1795.63304	RS-700	-0.708293333
14364	9/3/2019 13:14:09		-122.361	37.7151				1910.39652	RS-700	-0.137330746
14365	9/3/2019 13:14:10		-122.361	37.7151				1857.38777	RS-700	-0.401055871
14366	9/3/2019 13:14:11		-122.361	37.7151				1885.77267	RS-700	-0.259837463
14367	9/3/2019 13:14:12		-122.361	37.7151				1828.82878	RS-700	-0.543140398
14368	9/3/2019 13:14:13		-122.361	37.7151				1694.88088	RS-700	-1.209547861
14369	9/3/2019 13:14:14		-122.361	37.7151				1776.45979	RS-700	-0.803682637
14370	9/3/2019 13:14:15		-122.361	37.7151				1745.62682	RS-700	-0.957080498
14371	9/3/2019 13:14:16		-122.361	37.7151				1839.84211	RS-700	-0.488347711
14372	9/3/2019 13:14:17		-122.361	37.7151				1791.81971	RS-700	-0.727265124
14373	9/3/2019 13:14:18		-122.361	37.7151				1738.80647	RS-700	-0.991012587
14374	9/3/2019 13:14:19		-122.361	37.7151				1744.62501	RS-700	-0.962064627
14375	9/3/2019 13:14:20		-122.361	37.7151				1867.5754	RS-700	-0.350371144
14376	9/3/2019 13:14:21		-122.361	37.7151				1843.65818	RS-700	-0.469362289
14377	9/3/2019 13:14:22		-122.361	37.7151				1819.28159	RS-700	-0.590638856
14378	9/3/2019 13:14:23		-122.361	37.7151				1552.38935	RS-700	-1.918460945
14379	9/3/2019 13:14:24		-122.361	37.7151				1218.07821	RS-700	-3.581700448
14380	9/3/2019 13:14:25		-122.361	37.7151				714.00553	RS-700	-6.089524726
14381	9/3/2019 13:14:26		-122.361	37.7151				655.08928	RS-700	-6.382640398
14382	9/3/2019 13:14:27		-122.361	37.7151				1031.1131	RS-700	-4.511875124
14383	9/3/2019 13:14:28		-122.361	37.7151				1502.46585	RS-700	-2.166836567
14384	9/3/2019 13:14:29		-122.361	37.7151				1854.85219	RS-700	-0.413670697
14385	9/3/2019 13:14:30		-122.361	37.7151				1889.87927	RS-700	-0.239406617
14386	9/3/2019 13:14:31		-122.361	37.7151				1970.50682	RS-700	0.161725473
14387	9/3/2019 13:14:32		-122.361	37.7151				1901.58537	RS-700	-0.181167313
14388	9/3/2019 13:14:33		-122.361	37.7151				1950.08426	RS-700	0.060120697
14389	9/3/2019 13:14:34		-122.361	37.7151				1878.58892	RS-700	-0.295577512
14390	9/3/2019 13:14:35		-122.361	37.7151				1859.56988	RS-700	-0.390199602
14391	9/3/2019 13:14:36		-122.361	37.7151				1767.54441	RS-700	-0.848037761
14392	9/3/2019 13:14:37		-122.361	37.7151				1735.62234	RS-700	-1.00685403
14393	9/3/2019 13:14:38		-122.361	37.7151				1668.26049	RS-700	-1.341987612
14394	9/3/2019 13:14:39		-122.361	37.7151				1724.61788	RS-700	-1.061602587
14395	9/3/2019 13:14:40		-122.361	37.7151				1730.26767	RS-700	-1.033494179

Gamma Scan Survey Results
Survey Unit 5 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
14396	9/3/2019 13:14:41		-122.361	37.7151				1775.90282	RS-700	-0.806453632
14397	9/3/2019 13:14:42		-122.361	37.7152				1723.1005	RS-700	-1.069151741
14398	9/3/2019 13:14:43		-122.361	37.7152				1743.46032	RS-700	-0.967859104
14399	9/3/2019 13:14:44		-122.361	37.7152				1719.60895	RS-700	-1.086522637
14400	9/3/2019 13:14:45		-122.361	37.7152				1760.5434	RS-700	-0.882868657
14401	9/3/2019 13:14:46		-122.361	37.7152				1813.27416	RS-700	-0.620526567
14402	9/3/2019 13:14:47		-122.361	37.7152				1815.3728	RS-700	-0.610085572
14403	9/3/2019 13:14:48		-122.361	37.7152				1780.36773	RS-700	-0.784240149
14404	9/3/2019 13:14:49		-122.361	37.7152				1778.54883	RS-700	-0.793289403
14405	9/3/2019 13:14:50		-122.361	37.7152				1824.47007	RS-700	-0.564825522
14406	9/3/2019 13:14:51		-122.361	37.7152				1910.58527	RS-700	-0.136391692
14407	9/3/2019 13:14:52		-122.361	37.7152				1887.39586	RS-700	-0.251761891
14408	9/3/2019 13:14:53		-122.361	37.7152				1934.69254	RS-700	-0.016455025
14409	9/3/2019 13:14:54		-122.361	37.7152				1824.737	RS-700	-0.563497512
14410	9/3/2019 13:14:55		-122.361	37.7152				1836.46474	RS-700	-0.505150547
14411	9/3/2019 13:14:56		-122.361	37.7152				1826.37905	RS-700	-0.555328109
14412	9/3/2019 13:14:57		-122.362	37.7152				1792.64133	RS-700	-0.723177463
14413	9/3/2019 13:14:58		-122.362	37.7152				1763.63094	RS-700	-0.867507761
14414	9/3/2019 13:14:59		-122.362	37.7152				1757.45468	RS-700	-0.898235423
14415	9/3/2019 13:15:00		-122.362	37.7152				1859.47993	RS-700	-0.390647114
14416	9/3/2019 13:15:01		-122.362	37.7152				1833.38007	RS-700	-0.520497164
14417	9/3/2019 13:15:02		-122.362	37.7152				1797.64455	RS-700	-0.698285821
14418	9/3/2019 13:15:03		-122.362	37.7152				1776.72257	RS-700	-0.802375274
14419	9/3/2019 13:15:04		-122.362	37.7152				1769.80868	RS-700	-0.836772736
14420	9/3/2019 13:15:05		-122.362	37.7152				1825.56679	RS-700	-0.559369204
14421	9/3/2019 13:15:06		-122.362	37.7152				1769.71923	RS-700	-0.837217761
14422	9/3/2019 13:15:07		-122.362	37.7152				1868.4819	RS-700	-0.345861194
14423	9/3/2019 13:15:08		-122.362	37.7152				1791.46194	RS-700	-0.729045075
14424	9/3/2019 13:15:09		-122.362	37.7152				1757.28619	RS-700	-0.899073682
14425	9/3/2019 13:15:10		-122.362	37.7152				1801.6446	RS-700	-0.678385075
14426	9/3/2019 13:15:11		-122.362	37.7152				1734.4488	RS-700	-1.012692537
14427	9/3/2019 13:15:12		-122.362	37.7152				1793.28286	RS-700	-0.719985771
14428	9/3/2019 13:15:13		-122.362	37.7152				1868.30176	RS-700	-0.346757413
14429	9/3/2019 13:15:14		-122.362	37.7152				1832.4729	RS-700	-0.525010448
14430	9/3/2019 13:15:15		-122.362	37.7152				1925.59073	RS-700	-0.061737662
14431	9/3/2019 13:15:16		-122.362	37.7153				1812.65031	RS-700	-0.623630299
14432	9/3/2019 13:15:17		-122.362	37.7153				1865.57769	RS-700	-0.36031
14433	9/3/2019 13:15:18		-122.362	37.7153				1935.49336	RS-700	-0.012470846
14434	9/3/2019 13:15:19		-122.362	37.7153				1933.88213	RS-700	-0.020486915
14435	9/3/2019 13:15:20		-122.362	37.7153				1920.49749	RS-700	-0.087077164
14436	9/3/2019 13:15:21		-122.362	37.7153				1717.52869	RS-700	-1.096872189
14437	9/3/2019 13:15:22		-122.362	37.7153				1832.10318	RS-700	-0.526849851
14438	9/3/2019 13:15:23		-122.362	37.7153				1853.75614	RS-700	-0.419123682
14439	9/3/2019 13:15:24		-122.362	37.7153				1907.68821	RS-700	-0.150804925
14440	9/3/2019 13:15:25		-122.362	37.7153				1788.08215	RS-700	-0.74585995
14441	9/3/2019 13:15:26		-122.362	37.7153				1904.58547	RS-700	-0.166241443
14442	9/3/2019 13:15:27		-122.362	37.7153				1756.63156	RS-700	-0.902330547
14443	9/3/2019 13:15:28		-122.362	37.7153				1746.45317	RS-700	-0.952969303
14444	9/3/2019 13:15:29		-122.362	37.7152				1814.02137	RS-700	-0.616809104
14445	9/3/2019 13:15:30		-122.362	37.7152				1815.74052	RS-700	-0.608256119
14446	9/3/2019 13:15:31		-122.362	37.7152				1664.42538	RS-700	-1.361067761
14447	9/3/2019 13:15:32		-122.362	37.7152				1800.73435	RS-700	-0.682913682
14448	9/3/2019 13:15:33		-122.362	37.7152				1880.57753	RS-700	-0.28568393
14449	9/3/2019 13:15:34		-122.362	37.7153				1941.98682	RS-700	0.019834925
14450	9/3/2019 13:15:35		-122.362	37.7153				1899.96671	RS-700	-0.189220348
14451	9/3/2019 13:15:36		-122.362	37.7153				1885.57575	RS-700	-0.260817164
14452	9/3/2019 13:15:37		-122.362	37.7153				1812.55895	RS-700	-0.624084826
14453	9/3/2019 13:15:38		-122.362	37.7153				1982.90621	RS-700	0.22341398
14454	9/3/2019 13:15:39		-122.362	37.7153				1996.91562	RS-700	0.293112537
14455	9/3/2019 13:15:40		-122.362	37.7153				1945.17909	RS-700	0.035716866
14456	9/3/2019 13:15:41		-122.362	37.7153				1958.60846	RS-700	0.102529652

Gamma Scan Survey Results
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SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
14457	9/3/2019 13:15:42		-122.362	37.7153				1900.58866	RS-700	-0.18612607
14458	9/3/2019 13:15:43		-122.362	37.7153				1891.40047	RS-700	-0.231838458
14459	9/3/2019 13:15:44		-122.362	37.7153				1941.38985	RS-700	0.016864925
14460	9/3/2019 13:15:45		-122.362	37.7153				1962.89373	RS-700	0.123849403
14461	9/3/2019 13:15:46		-122.362	37.7153				1910.35686	RS-700	-0.13752806
14462	9/3/2019 13:15:47		-122.362	37.7153				1894.21217	RS-700	-0.2178499
14463	9/3/2019 13:15:48		-122.362	37.7153				1870.76264	RS-700	-0.334514229
14464	9/3/2019 13:15:49		-122.362	37.7153				1817.83493	RS-700	-0.597836169
14465	9/3/2019 13:15:50		-122.362	37.7153				1862.29411	RS-700	-0.376646219
14466	9/3/2019 13:15:51		-122.362	37.7153				1874.14069	RS-700	-0.31770801
14467	9/3/2019 13:15:52		-122.362	37.7153				1795.55295	RS-700	-0.708691791
14468	9/3/2019 13:15:53		-122.362	37.7153				1821.38151	RS-700	-0.580191493
14469	9/3/2019 13:15:54		-122.362	37.7153				1737.55353	RS-700	-0.997246119
14470	9/3/2019 13:15:55		-122.362	37.7153				1751.62351	RS-700	-0.927246219
14471	9/3/2019 13:15:56		-122.362	37.7153				1892.58722	RS-700	-0.225934229
14472	9/3/2019 13:15:57		-122.362	37.7153				1785.54661	RS-700	-0.758474577
14473	9/3/2019 13:15:58		-122.362	37.7153				1905.63222	RS-700	-0.161033731
14474	9/3/2019 13:15:59		-122.362	37.7153				1854.38424	RS-700	-0.415998806
14475	9/3/2019 13:16:00		-122.362	37.7153				1895.48773	RS-700	-0.211503831
14476	9/3/2019 13:16:01		-122.362	37.7153				1952.78522	RS-700	0.073558308
14477	9/3/2019 13:16:02		-122.362	37.7153				1832.91421	RS-700	-0.522814876
14478	9/3/2019 13:16:03		-122.362	37.7153				1823.47307	RS-700	-0.569785721
14479	9/3/2019 13:16:04		-122.362	37.7153				1917.68486	RS-700	-0.101070348
14480	9/3/2019 13:16:05		-122.362	37.7153				1847.56982	RS-700	-0.449901393
14481	9/3/2019 13:16:06		-122.362	37.7153				1887.58013	RS-700	-0.250845124
14482	9/3/2019 13:16:07		-122.362	37.7153				1910.58922	RS-700	-0.13637204
14483	9/3/2019 13:16:08		-122.362	37.7154				1838.65301	RS-700	-0.494263632
14484	9/3/2019 13:16:09		-122.362	37.7154				1859.60627	RS-700	-0.390018557
14485	9/3/2019 13:16:10		-122.362	37.7154				1944.50124	RS-700	0.032344478
14486	9/3/2019 13:16:11		-122.362	37.7154				1848.39987	RS-700	-0.445771791
14487	9/3/2019 13:16:12		-122.362	37.7154				1960.72592	RS-700	0.113064279
14488	9/3/2019 13:16:13		-122.362	37.7154				2002.60716	RS-700	0.321428657
14489	9/3/2019 13:16:14		-122.362	37.7154				1972.70628	RS-700	0.17266806
14490	9/3/2019 13:16:15		-122.362	37.7154				2050.92197	RS-700	0.561800846
14491	9/3/2019 13:16:16		-122.362	37.7154				1910.58835	RS-700	-0.136376368
14492	9/3/2019 13:16:17		-122.362	37.7154				1892.58517	RS-700	-0.225944428
14493	9/3/2019 13:16:18		-122.362	37.7154				1946.70603	RS-700	0.043313582
14494	9/3/2019 13:16:19		-122.362	37.7154				1930.7016	RS-700	-0.036310448
14495	9/3/2019 13:16:20		-122.362	37.7154				1918.68166	RS-700	-0.096111144
14496	9/3/2019 13:16:21		-122.362	37.7154				1897.97778	RS-700	-0.199115522
14497	9/3/2019 13:16:22		-122.362	37.7154				1931.60138	RS-700	-0.03183393
14498	9/3/2019 13:16:23		-122.362	37.7154				1984.51244	RS-700	0.231405174
14499	9/3/2019 13:16:24		-122.362	37.7154				2030.03017	RS-700	0.457861542
14500	9/3/2019 13:16:25		-122.362	37.7154				2109.86129	RS-700	0.855031294
14501	9/3/2019 13:16:26		-122.362	37.7154				2101.64545	RS-700	0.814156468
14502	9/3/2019 13:16:27		-122.362	37.7154				2067.02265	RS-700	0.641903731
14503	9/3/2019 13:16:28		-122.362	37.7154				2101.85941	RS-700	0.815220945
14504	9/3/2019 13:16:29		-122.362	37.7154				2067.05028	RS-700	0.642041194
14505	9/3/2019 13:16:30		-122.362	37.7154				1958.6031	RS-700	0.102502985
14506	9/3/2019 13:16:31		-122.362	37.7154				1632.414	RS-700	-1.520328358
14507	9/3/2019 13:16:32		-122.362	37.7154				1374.40824	RS-700	-2.803939104
14508	9/3/2019 13:16:33		-122.362	37.7154				1104.17747	RS-700	-4.148370796
14509	9/3/2019 13:16:34		-122.362	37.7154				694.07404	RS-700	-6.188686368
14510	9/3/2019 13:16:35		-122.362	37.7154				782.07556	RS-700	-5.750867861
14511	9/3/2019 13:16:36		-122.362	37.7154				1373.47055	RS-700	-2.808604229
14512	9/3/2019 13:16:37		-122.362	37.7154				1768.55713	RS-700	-0.842999353
14513	9/3/2019 13:16:38		-122.362	37.7154				1828.01204	RS-700	-0.547203781
14514	9/3/2019 13:16:39		-122.362	37.7154				1859.76187	RS-700	-0.389244428
14515	9/3/2019 13:16:40		-122.362	37.7155				1888.87086	RS-700	-0.244423582
14516	9/3/2019 13:16:41		-122.362	37.7155				1877.05086	RS-700	-0.303229552
14517	9/3/2019 13:16:42		-122.362	37.7155				1846.55622	RS-700	-0.454944179

Gamma Scan Survey Results
Survey Unit 5 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
14518	9/3/2019 13:16:43		-122.362	37.7155				1858.38293	RS-700	-0.396104826
14519	9/3/2019 13:16:44		-122.362	37.7155				2063.32345	RS-700	0.623499751
14520	9/3/2019 13:16:45		-122.362	37.7155				1891.48606	RS-700	-0.231412637
14521	9/3/2019 13:16:46		-122.362	37.7155				1912.97739	RS-700	-0.124490597
14522	9/3/2019 13:16:47		-122.362	37.7155				1990.61737	RS-700	0.26177796
14523	9/3/2019 13:16:48		-122.362	37.7155				1890.58225	RS-700	-0.235909204
14524	9/3/2019 13:16:49		-122.362	37.7155				1933.88591	RS-700	-0.020468109
14525	9/3/2019 13:16:50		-122.362	37.7155				1942.49798	RS-700	0.02237801
14526	9/3/2019 13:16:51		-122.362	37.7154				1907.49254	RS-700	-0.151778408
14527	9/3/2019 13:16:52		-122.362	37.7154				1936.39939	RS-700	-0.007963234
14528	9/3/2019 13:16:53		-122.362	37.7154				1955.99601	RS-700	0.089532388
14529	9/3/2019 13:16:54		-122.362	37.7154				1989.81153	RS-700	0.257768806
14530	9/3/2019 13:16:55		-122.362	37.7154				1923.39873	RS-700	-0.072643134
14531	9/3/2019 13:16:56		-122.362	37.7154				1938.58983	RS-700	0.002934478
14532	9/3/2019 13:16:57		-122.362	37.7154				1889.3837	RS-700	-0.241872139
14533	9/3/2019 13:16:58		-122.362	37.7154				1853.57376	RS-700	-0.420031045
14534	9/3/2019 13:16:59		-122.362	37.7154				1979.0108	RS-700	0.204033831
14535	9/3/2019 13:17:00		-122.362	37.7155				1958.30372	RS-700	0.101013532
14536	9/3/2019 13:17:01		-122.362	37.7155				1945.69364	RS-700	0.038276816
14537	9/3/2019 13:17:02		-122.362	37.7155				1960.99479	RS-700	0.11440194
14538	9/3/2019 13:17:03		-122.362	37.7155				1877.66042	RS-700	-0.300196915
14539	9/3/2019 13:17:04		-122.362	37.7155				1835.93107	RS-700	-0.507805622
14540	9/3/2019 13:17:05		-122.362	37.7155				1796.19267	RS-700	-0.705509104
14541	9/3/2019 13:17:06		-122.362	37.7155				1678.4424	RS-700	-1.291331343
14542	9/3/2019 13:17:07		-122.362	37.7155				1701.60664	RS-700	-1.176086368
14543	9/3/2019 13:17:08		-122.362	37.7155				1651.77386	RS-700	-1.424010647
14544	9/3/2019 13:17:09		-122.362	37.7155				1832.56484	RS-700	-0.524553035
14545	9/3/2019 13:17:10		-122.362	37.7155				1954.79715	RS-700	0.08356791
14546	9/3/2019 13:17:11		-122.362	37.7155				2023.42091	RS-700	0.424979652
14547	9/3/2019 13:17:12		-122.362	37.7155				2008.71799	RS-700	0.351830796
14548	9/3/2019 13:17:13		-122.362	37.7155				2014.51409	RS-700	0.380667114
14549	9/3/2019 13:17:14		-122.362	37.7155				1896.78257	RS-700	-0.205061841
14550	9/3/2019 13:17:15		-122.362	37.7155				1963.70281	RS-700	0.127874677
14551	9/3/2019 13:17:16		-122.362	37.7155				1894.86099	RS-700	-0.21462194
14552	9/3/2019 13:17:17		-122.362	37.7155				1882.76091	RS-700	-0.274821343
14553	9/3/2019 13:17:18		-122.362	37.7155				1909.68072	RS-700	-0.14089194
14554	9/3/2019 13:17:19		-122.362	37.7155				1761.24857	RS-700	-0.879360348
14555	9/3/2019 13:17:20		-122.362	37.7155				1820.47254	RS-700	-0.584713731
14556	9/3/2019 13:17:21		-122.362	37.7155				1891.67283	RS-700	-0.230483433
14557	9/3/2019 13:17:22		-122.362	37.7155				1899.68254	RS-700	-0.190634129
14558	9/3/2019 13:17:23		-122.362	37.7155				1842.56772	RS-700	-0.474787463
14559	9/3/2019 13:17:24		-122.362	37.7155				1875.67007	RS-700	-0.310099154
14560	9/3/2019 13:17:25		-122.362	37.7155				1986.81057	RS-700	0.242838657
14561	9/3/2019 13:17:26		-122.362	37.7155				1869.04242	RS-700	-0.343072537
14562	9/3/2019 13:17:27		-122.362	37.7155				2019.81712	RS-700	0.407050348
14563	9/3/2019 13:17:28		-122.362	37.7155				1942.0007	RS-700	0.01990398
14564	9/3/2019 13:17:29		-122.362	37.7155				1927.60033	RS-700	-0.051739652
14565	9/3/2019 13:17:30		-122.362	37.7155				1945.98569	RS-700	0.039729801
14566	9/3/2019 13:17:31		-122.362	37.7155				2112.65004	RS-700	0.868905672
14567	9/3/2019 13:17:32		-122.362	37.7155				2022.82641	RS-700	0.42202194
14568	9/3/2019 13:17:33		-122.362	37.7156				2043.03588	RS-700	0.522566567
14569	9/3/2019 13:17:34		-122.362	37.7156				1998.41674	RS-700	0.300580796
14570	9/3/2019 13:17:35		-122.362	37.7156				2135.98534	RS-700	0.985001692
14571	9/3/2019 13:17:36		-122.362	37.7156				2031.4218	RS-700	0.464785075
14572	9/3/2019 13:17:37		-122.362	37.7156				2062.04727	RS-700	0.617150597
14573	9/3/2019 13:17:38		-122.362	37.7156				2155.31011	RS-700	1.081144826
14574	9/3/2019 13:17:39		-122.362	37.7156				2049.94187	RS-700	0.556924726
14575	9/3/2019 13:17:40		-122.362	37.7156				2063.46092	RS-700	0.624183682
14576	9/3/2019 13:17:41		-122.362	37.7156				1994.71828	RS-700	0.282180498
14577	9/3/2019 13:17:42		-122.362	37.7156				1971.49203	RS-700	0.166627015
14578	9/3/2019 13:17:43		-122.362	37.7156				1998.70656	RS-700	0.302022687

Gamma Scan Survey Results
Survey Unit 5 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
14579	9/3/2019 13:17:44		-122.362	37.7156				1974.4943	RS-700	0.181563682
14580	9/3/2019 13:17:45		-122.362	37.7156				1860.76104	RS-700	-0.384273433
14581	9/3/2019 13:17:46		-122.362	37.7156				1840.56692	RS-700	-0.484741692
14582	9/3/2019 13:17:47		-122.362	37.7156				1888.77028	RS-700	-0.24492398
14583	9/3/2019 13:17:48		-122.362	37.7156				1965.71116	RS-700	0.137866468
14584	9/3/2019 13:17:49		-122.362	37.7156				1925.49833	RS-700	-0.062197363
14585	9/3/2019 13:17:50		-122.362	37.7156				1929.88167	RS-700	-0.040389701
14586	9/3/2019 13:17:51		-122.362	37.7156				1882.04919	RS-700	-0.278362239
14587	9/3/2019 13:17:52		-122.362	37.7156				1885.38769	RS-700	-0.261752786
14588	9/3/2019 13:17:53		-122.362	37.7156				1762.54238	RS-700	-0.872923483
14589	9/3/2019 13:17:54		-122.362	37.7156				2012.81976	RS-700	0.372237612
14590	9/3/2019 13:17:55		-122.362	37.7156				1990.60927	RS-700	0.261737662
14591	9/3/2019 13:17:56		-122.362	37.7156				2030.72427	RS-700	0.461314776
14592	9/3/2019 13:17:57		-122.362	37.7156				2025.82757	RS-700	0.436953085
14593	9/3/2019 13:17:58		-122.362	37.7156				2033.73367	RS-700	0.476286915
14594	9/3/2019 13:17:59		-122.362	37.7156				1926.17706	RS-700	-0.058820597
14595	9/3/2019 13:18:00		-122.362	37.7156				1922.59224	RS-700	-0.076655522
14596	9/3/2019 13:18:01		-122.362	37.7156				1978.80886	RS-700	0.203029154
14597	9/3/2019 13:18:02		-122.362	37.7156				1976.59801	RS-700	0.1920299
14598	9/3/2019 13:18:03		-122.362	37.7156				2061.63491	RS-700	0.615099055
14599	9/3/2019 13:18:04		-122.362	37.7156				2053.8283	RS-700	0.576260199
14600	9/3/2019 13:18:05		-122.362	37.7157				1951.70056	RS-700	0.06816199
14601	9/3/2019 13:18:06		-122.362	37.7157				2059.46358	RS-700	0.604296418
14602	9/3/2019 13:18:07		-122.362	37.7157				2089.64511	RS-700	0.754453284
14603	9/3/2019 13:18:08		-122.362	37.7157				2046.93248	RS-700	0.541952637
14604	9/3/2019 13:18:09		-122.362	37.7157				1939.69795	RS-700	0.008447512
14605	9/3/2019 13:18:10		-122.362	37.7156				1993.11138	RS-700	0.27418597
14606	9/3/2019 13:18:11		-122.362	37.7156				1974.11704	RS-700	0.179686766
14607	9/3/2019 13:18:12		-122.362	37.7156				1975.7083	RS-700	0.187603483
14608	9/3/2019 13:18:13		-122.362	37.7156				1994.50968	RS-700	0.281142687
14609	9/3/2019 13:18:14		-122.362	37.7156				1906.87768	RS-700	-0.154837413
14610	9/3/2019 13:18:15		-122.362	37.7156				1917.4901	RS-700	-0.102039303
14611	9/3/2019 13:18:16		-122.362	37.7156				1875.85966	RS-700	-0.30915592
14612	9/3/2019 13:18:17		-122.362	37.7156				1888.58135	RS-700	-0.24586393
14613	9/3/2019 13:18:18		-122.362	37.7156				1879.76494	RS-700	-0.289726667
14614	9/3/2019 13:18:19		-122.362	37.7156				1847.47603	RS-700	-0.45036801
14615	9/3/2019 13:18:20		-122.362	37.7156				2004.60824	RS-700	0.331384279
14616	9/3/2019 13:18:21		-122.362	37.7156				2040.93568	RS-700	0.512117811
14617	9/3/2019 13:18:22		-122.362	37.7156				2066.84392	RS-700	0.641014527
14618	9/3/2019 13:18:23		-122.362	37.7156				1986.50622	RS-700	0.241324478
14619	9/3/2019 13:18:24		-122.362	37.7157				2033.93014	RS-700	0.477264378
14620	9/3/2019 13:18:25		-122.362	37.7157				2106.81888	RS-700	0.839894925
14621	9/3/2019 13:18:26		-122.362	37.7157				2171.66805	RS-700	1.162527612
14622	9/3/2019 13:18:27		-122.362	37.7157				1619.6625	RS-700	-1.583768657
14623	9/3/2019 13:18:28		-122.362	37.7157				1221.08277	RS-700	-3.566752388
14624	9/3/2019 13:18:29		-122.362	37.7157				1671.18505	RS-700	-1.327437562
14625	9/3/2019 13:18:30		-122.362	37.7157				1713.76675	RS-700	-1.115588308
14626	9/3/2019 13:18:31		-122.362	37.7157				1859.94489	RS-700	-0.388333881
14627	9/3/2019 13:18:32		-122.362	37.7157				2039.62843	RS-700	0.50561408
14628	9/3/2019 13:18:33		-122.362	37.7157				1964.51375	RS-700	0.131909204
14629	9/3/2019 13:18:34		-122.362	37.7157				1754.71294	RS-700	-0.91187592
14630	9/3/2019 13:18:35		-122.362	37.7157				1677.73186	RS-700	-1.294866368
14631	9/3/2019 13:18:36		-122.362	37.7157				1698.5264	RS-700	-1.191410945
14632	9/3/2019 13:18:37		-122.362	37.7157				1664.34847	RS-700	-1.361450398
14633	9/3/2019 13:18:38		-122.362	37.7157				1303.52078	RS-700	-3.156613035
14634	9/3/2019 13:18:39		-122.362	37.7157				1701.86504	RS-700	-1.174800796
14635	9/3/2019 13:18:40		-122.362	37.7157				1875.20508	RS-700	-0.312412537
14636	9/3/2019 13:18:41		-122.362	37.7157				1922.87695	RS-700	-0.075239055
14637	9/3/2019 13:18:42		-122.362	37.7157				1842.47546	RS-700	-0.475246468
14638	9/3/2019 13:18:43		-122.362	37.7157				1927.40079	RS-700	-0.052732388
14639	9/3/2019 13:18:44		-122.362	37.7157				1991.60845	RS-700	0.266708706

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SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
14640	9/3/2019 13:18:45		-122.362	37.7157				1944.69803	RS-700	0.033323532
14641	9/3/2019 13:18:46		-122.362	37.7157				1976.89557	RS-700	0.193510299
14642	9/3/2019 13:18:47		-122.362	37.7157				1974.51074	RS-700	0.181645473
14643	9/3/2019 13:18:48		-122.362	37.7157				2028.94173	RS-700	0.452446418
14644	9/3/2019 13:18:49		-122.362	37.7157				1984.71126	RS-700	0.232394328
14645	9/3/2019 13:18:50		-122.362	37.7157				1989.71649	RS-700	0.25729597
14646	9/3/2019 13:18:51		-122.362	37.7157				2077.05838	RS-700	0.691832736
14647	9/3/2019 13:18:52		-122.362	37.7157				1964.60369	RS-700	0.132356667
14648	9/3/2019 13:18:53		-122.362	37.7157				2044.9351	RS-700	0.532015423
14649	9/3/2019 13:18:54		-122.362	37.7157				1865.66736	RS-700	-0.359863881
14650	9/3/2019 13:18:55		-122.362	37.7157				2081.53923	RS-700	0.714125522
14651	9/3/2019 13:18:56		-122.362	37.7157				1953.79493	RS-700	0.078581741
14652	9/3/2019 13:18:57		-122.362	37.7157				1866.4825	RS-700	-0.355808458
14653	9/3/2019 13:18:58		-122.362	37.7157				1896.48819	RS-700	-0.206526418
14654	9/3/2019 13:18:59		-122.362	37.7157				1966.29688	RS-700	0.140780498
14655	9/3/2019 13:19:00		-122.362	37.7157				1884.76643	RS-700	-0.264843632
14656	9/3/2019 13:19:01		-122.362	37.7158				1943.98838	RS-700	0.029792935
14657	9/3/2019 13:19:02		-122.362	37.7158				1937.69539	RS-700	-0.001515473
14658	9/3/2019 13:19:03		-122.362	37.7158				1958.59917	RS-700	0.102483433
14659	9/3/2019 13:19:04		-122.362	37.7158				1888.4945	RS-700	-0.24629602
14660	9/3/2019 13:19:05		-122.362	37.7158				1783.55074	RS-700	-0.768404279
14661	9/3/2019 13:19:06		-122.362	37.7158				1740.53248	RS-700	-0.982425473
14662	9/3/2019 13:19:07		-122.362	37.7158				1665.51407	RS-700	-1.355651393
14663	9/3/2019 13:19:08		-122.362	37.7158				1701.35217	RS-700	-1.177352388
14664	9/3/2019 13:19:09		-122.362	37.7158				1718.3609	RS-700	-1.092731841
14665	9/3/2019 13:19:10		-122.362	37.7158				1646.34163	RS-700	-1.451036667
14666	9/3/2019 13:19:11		-122.362	37.7158				1703.77406	RS-700	-1.165303184
14667	9/3/2019 13:19:12		-122.363	37.7158				1685.3487	RS-700	-1.256971642
14668	9/3/2019 13:19:13		-122.363	37.7158				1795.72563	RS-700	-0.707832687
14669	9/3/2019 13:19:14		-122.363	37.7158				1710.35473	RS-700	-1.132563532
14670	9/3/2019 13:19:15		-122.363	37.7158				1617.41705	RS-700	-1.59494005
14671	9/3/2019 13:19:16		-122.363	37.7158				1748.27135	RS-700	-0.943923632
14672	9/3/2019 13:19:17		-122.363	37.7158				1742.70313	RS-700	-0.971626219
14673	9/3/2019 13:19:18		-122.363	37.7158				1771.72265	RS-700	-0.827250498
14674	9/3/2019 13:19:19		-122.363	37.7158				1732.622	RS-700	-1.021781095
14675	9/3/2019 13:19:20		-122.363	37.7158				1702.86332	RS-700	-1.169834229
14676	9/3/2019 13:19:21		-122.363	37.7158				1722.70354	RS-700	-1.071126667
14677	9/3/2019 13:19:22		-122.363	37.7158				1782.36854	RS-700	-0.774285871
14678	9/3/2019 13:19:23		-122.363	37.7158				1760.36676	RS-700	-0.883747463
14679	9/3/2019 13:19:24		-122.363	37.7158				1787.46216	RS-700	-0.748944478
14680	9/3/2019 13:19:25		-122.363	37.7158				1809.45483	RS-700	-0.639528209
14681	9/3/2019 13:19:26		-122.363	37.7158				1739.54412	RS-700	-0.987342687
14682	9/3/2019 13:19:27		-122.363	37.7158				1847.02221	RS-700	-0.452625821
14683	9/3/2019 13:19:28		-122.363	37.7158				1822.74348	RS-700	-0.573415522
14684	9/3/2019 13:19:29		-122.363	37.7158				1972.70459	RS-700	0.172659652
14685	9/3/2019 13:19:30		-122.363	37.7158				1940.69658	RS-700	0.013415821
14686	9/3/2019 13:19:31		-122.363	37.7158				1922.49272	RS-700	-0.077150647
14687	9/3/2019 13:19:32		-122.363	37.7159				1955.59828	RS-700	0.087553632
14688	9/3/2019 13:19:33		-122.363	37.7159				1945.99437	RS-700	0.039772985
14689	9/3/2019 13:19:34		-122.363	37.7159				1933.58603	RS-700	-0.02196005
14690	9/3/2019 13:19:35		-122.363	37.7159				1899.49142	RS-700	-0.191584975
14691	9/3/2019 13:19:36		-122.363	37.7159				1913.06156	RS-700	-0.124071841
14692	9/3/2019 13:19:37		-122.363	37.7158				1856.29193	RS-700	-0.406507811
14693	9/3/2019 13:19:38		-122.363	37.7158				1925.01253	RS-700	-0.064614279
14694	9/3/2019 13:19:39		-122.363	37.7158				1808.73716	RS-700	-0.643098706
14695	9/3/2019 13:19:40		-122.363	37.7158				1993.51713	RS-700	0.276204627
14696	9/3/2019 13:19:41		-122.363	37.7158				1936.59701	RS-700	-0.00698005
14697	9/3/2019 13:19:42		-122.363	37.7158				1968.19199	RS-700	0.150208905
14698	9/3/2019 13:19:43		-122.363	37.7158				1883.63428	RS-700	-0.270476219
14699	9/3/2019 13:19:44		-122.363	37.7158				1922.39608	RS-700	-0.077631443
14700	9/3/2019 13:19:45		-122.363	37.7158				1945.98653	RS-700	0.03973398

Gamma Scan Survey Results
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SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
14701	9/3/2019 13:19:46		-122.363	37.7158				1899.39348	RS-700	-0.192072239
14702	9/3/2019 13:19:47		-122.363	37.7158				2033.33211	RS-700	0.474289104
14703	9/3/2019 13:19:48		-122.363	37.7158				2043.935	RS-700	0.527039801
14704	9/3/2019 13:19:49		-122.363	37.7158				1974.51192	RS-700	0.181651343
14705	9/3/2019 13:19:50		-122.363	37.7158				2000.61627	RS-700	0.311523731
14706	9/3/2019 13:19:51		-122.363	37.7158				2009.51932	RS-700	0.355817512
14707	9/3/2019 13:19:52		-122.363	37.7159				1995.81403	RS-700	0.28763199
14708	9/3/2019 13:19:53		-122.363	37.7159				1948.59808	RS-700	0.052726766
14709	9/3/2019 13:19:54		-122.363	37.7159				2009.32819	RS-700	0.354866617
14710	9/3/2019 13:19:55		-122.363	37.7159				1973.7108	RS-700	0.177665672
14711	9/3/2019 13:19:56		-122.363	37.7159				2025.03661	RS-700	0.43301796
14712	9/3/2019 13:19:57		-122.363	37.7159				1975.60765	RS-700	0.187102736
14713	9/3/2019 13:19:58		-122.363	37.7159				2039.44824	RS-700	0.504717612
14714	9/3/2019 13:19:59		-122.363	37.7159				2048.05644	RS-700	0.547544478
14715	9/3/2019 13:20:00		-122.363	37.7159				2149.09141	RS-700	1.05020602
14716	9/3/2019 13:20:01		-122.363	37.7159				2132.55169	RS-700	0.967918856
14717	9/3/2019 13:20:02		-122.363	37.7159				2001.01556	RS-700	0.313510249
14718	9/3/2019 13:20:03		-122.363	37.7159				2077.64111	RS-700	0.694731891
14719	9/3/2019 13:20:04		-122.363	37.7159				1814.37641	RS-700	-0.615042736
14720	9/3/2019 13:20:05		-122.363	37.7159				1959.00657	RS-700	0.104510299
14721	9/3/2019 13:20:06		-122.363	37.7159				2035.52334	RS-700	0.485190746
14722	9/3/2019 13:20:07		-122.363	37.7159				2046.63129	RS-700	0.540454179
14723	9/3/2019 13:20:08		-122.363	37.7159				2038.24918	RS-700	0.498752139
14724	9/3/2019 13:20:09		-122.363	37.7159				2044.04295	RS-700	0.527576866
14725	9/3/2019 13:20:10		-122.363	37.7159				1966.89115	RS-700	0.143737065
14726	9/3/2019 13:20:11		-122.363	37.7159				2094.96011	RS-700	0.78089607
14727	9/3/2019 13:20:12		-122.363	37.7159				2006.72047	RS-700	0.341892886
14728	9/3/2019 13:20:13		-122.363	37.7159				2034.93079	RS-700	0.482242736
14729	9/3/2019 13:20:14		-122.363	37.7159				2089.0512	RS-700	0.751498507
14730	9/3/2019 13:20:15		-122.363	37.7159				2036.22275	RS-700	0.488670398
14731	9/3/2019 13:20:16		-122.363	37.7159				2045.13738	RS-700	0.533021791
14732	9/3/2019 13:20:17		-122.363	37.7159				2089.64798	RS-700	0.754467562
14733	9/3/2019 13:20:18		-122.363	37.7159				2061.54583	RS-700	0.614655871
14734	9/3/2019 13:20:19		-122.363	37.7159				2114.75561	RS-700	0.879381144
14735	9/3/2019 13:20:20		-122.363	37.7159				2040.6285	RS-700	0.510589552
14736	9/3/2019 13:20:21		-122.363	37.7159				2102.43169	RS-700	0.818068109
14737	9/3/2019 13:20:22		-122.363	37.7159				1991.71526	RS-700	0.2672401
14738	9/3/2019 13:20:23		-122.363	37.7159				2096.53802	RS-700	0.788746368
14739	9/3/2019 13:20:24		-122.363	37.7159				2005.71861	RS-700	0.336908507
14740	9/3/2019 13:20:25		-122.363	37.7159				1994.41406	RS-700	0.280666965
14741	9/3/2019 13:20:26		-122.363	37.7159				2066.63772	RS-700	0.639988657
14742	9/3/2019 13:20:27		-122.363	37.7159				1999.01659	RS-700	0.303565124
14743	9/3/2019 13:20:28		-122.363	37.7159				2086.49655	RS-700	0.738788806
14744	9/3/2019 13:20:29		-122.363	37.716				2175.45215	RS-700	1.18135398
14745	9/3/2019 13:20:30		-122.363	37.716				2038.83483	RS-700	0.501665821
14746	9/3/2019 13:20:31		-122.363	37.716				1991.90933	RS-700	0.268205622
14747	9/3/2019 13:20:32		-122.363	37.716				1989.61288	RS-700	0.256780498
14748	9/3/2019 13:20:33		-122.363	37.716				2069.95166	RS-700	0.65647592
14749	9/3/2019 13:20:34		-122.363	37.7159				1991.21417	RS-700	0.264747114
14750	9/3/2019 13:20:35		-122.363	37.7159				1999.71431	RS-700	0.307036368
14751	9/3/2019 13:20:36		-122.363	37.7159				2012.92364	RS-700	0.372754428
14752	9/3/2019 13:20:37		-122.363	37.7159				1938.69842	RS-700	0.003474726
14753	9/3/2019 13:20:38		-122.363	37.7159				1941.79182	RS-700	0.018864776
14754	9/3/2019 13:20:39		-122.363	37.7159				1997.71502	RS-700	0.297089652
14755	9/3/2019 13:20:40		-122.363	37.7159				1985.3121	RS-700	0.235383582
14756	9/3/2019 13:20:41		-122.363	37.7159				2006.32009	RS-700	0.339900945
14757	9/3/2019 13:20:42		-122.363	37.7159				2079.94994	RS-700	0.706218607
14758	9/3/2019 13:20:43		-122.363	37.7159				1956.99338	RS-700	0.094494428
14759	9/3/2019 13:20:44		-122.363	37.7159				1970.29412	RS-700	0.160667264
14760	9/3/2019 13:20:45		-122.363	37.716				1975.61443	RS-700	0.187136468
14761	9/3/2019 13:20:46		-122.363	37.716				2039.622	RS-700	0.50558209

Gamma Scan Survey Results
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SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
14762	9/3/2019 13:20:47		-122.363	37.716				2050.71957	RS-700	0.560793881
14763	9/3/2019 13:20:48		-122.363	37.716				1916.58841	RS-700	-0.106525323
14764	9/3/2019 13:20:49		-122.363	37.716				1917.97174	RS-700	-0.099643085
14765	9/3/2019 13:20:50		-122.363	37.716				1857.67423	RS-700	-0.399630697
14766	9/3/2019 13:20:51		-122.363	37.716				1499.33602	RS-700	-2.182407861
14767	9/3/2019 13:20:52		-122.363	37.716				1187.53499	RS-700	-3.733656766
14768	9/3/2019 13:20:53		-122.363	37.716				1157.2999	RS-700	-3.8840801
14769	9/3/2019 13:20:54		-122.363	37.716				1318.29948	RS-700	-3.083087164
14770	9/3/2019 13:20:55		-122.363	37.716				1497.31254	RS-700	-2.192474925
14771	9/3/2019 13:20:56		-122.363	37.716				1973.6083	RS-700	0.177155721
14772	9/3/2019 13:20:57		-122.363	37.716				2007.61297	RS-700	0.346333184
14773	9/3/2019 13:20:58		-122.363	37.716				1964.70058	RS-700	0.132838706
14774	9/3/2019 13:20:59		-122.363	37.716				1939.11219	RS-700	0.005533284
14775	9/3/2019 13:21:00		-122.363	37.716				1955.70007	RS-700	0.08806005
14776	9/3/2019 13:21:01		-122.363	37.716				1823.47018	RS-700	-0.5698001
14777	9/3/2019 13:21:02		-122.363	37.716				1851.86378	RS-700	-0.428538408
14778	9/3/2019 13:21:03		-122.363	37.716				2014.82304	RS-700	0.382204179
14779	9/3/2019 13:21:04		-122.363	37.716				1921.7796	RS-700	-0.080698507
14780	9/3/2019 13:21:05		-122.363	37.716				1872.79426	RS-700	-0.324406667
14781	9/3/2019 13:21:06		-122.363	37.716				1907.58737	RS-700	-0.151306617
14782	9/3/2019 13:21:07		-122.363	37.716				1900.58134	RS-700	-0.186162488
14783	9/3/2019 13:21:08		-122.363	37.716				1899.29426	RS-700	-0.192565871
14784	9/3/2019 13:21:09		-122.363	37.716				1986.42034	RS-700	0.240897214
14785	9/3/2019 13:21:10		-122.363	37.716				1989.81156	RS-700	0.257768955
14786	9/3/2019 13:21:11		-122.363	37.716				2101.65946	RS-700	0.814226169
14787	9/3/2019 13:21:12		-122.363	37.716				2143.78661	RS-700	1.02381398
14788	9/3/2019 13:21:13		-122.363	37.716				2090.97348	RS-700	0.76106209
14789	9/3/2019 13:21:14		-122.363	37.716				2108.81136	RS-700	0.849807761
14790	9/3/2019 13:21:15		-122.363	37.716				2189.00348	RS-700	1.248773532
14791	9/3/2019 13:21:16		-122.363	37.7161				2115.19636	RS-700	0.88157393
14792	9/3/2019 13:21:17		-122.363	37.7161				2086.64378	RS-700	0.739521294
14793	9/3/2019 13:21:18		-122.363	37.7161				1988.63446	RS-700	0.251912736
14794	9/3/2019 13:21:19		-122.363	37.7161				1902.58646	RS-700	-0.176186766
14795	9/3/2019 13:21:20		-122.363	37.7161				1667.52165	RS-700	-1.345663433
14796	9/3/2019 13:21:21		-122.363	37.7161				1734.62334	RS-700	-1.011824179
14797	9/3/2019 13:21:22		-122.363	37.7161				1601.33105	RS-700	-1.674969901
14798	9/3/2019 13:21:23		-122.363	37.7161				1230.30933	RS-700	-3.520849104
14799	9/3/2019 13:21:24		-122.363	37.7161				1070.11435	RS-700	-4.317839055
14800	9/3/2019 13:21:25		-122.363	37.7161				1258.42688	RS-700	-3.380960796
14801	9/3/2019 13:21:26		-122.363	37.7161				1543.32161	RS-700	-1.96357408
14802	9/3/2019 13:21:27		-122.363	37.7161				1860.41197	RS-700	-0.3860101
14803	9/3/2019 13:21:28		-122.363	37.7161				1740.61564	RS-700	-0.982011741
14804	9/3/2019 13:21:29		-122.363	37.7161				1545.86169	RS-700	-1.950936866
14805	9/3/2019 13:21:30		-122.363	37.7161				1768.72616	RS-700	-0.842158408
14806	9/3/2019 13:21:31		-122.363	37.7161				1836.93316	RS-700	-0.5028201
14807	9/3/2019 13:21:32		-122.363	37.7161				1891.86722	RS-700	-0.229516318
14808	9/3/2019 13:21:33		-122.363	37.7161				1862.48177	RS-700	-0.375712587
14809	9/3/2019 13:21:34		-122.363	37.7161				1843.47352	RS-700	-0.470280995
14810	9/3/2019 13:21:35		-122.363	37.7161				1804.83008	RS-700	-0.662536915
14811	9/3/2019 13:21:36		-122.363	37.7161				1828.74689	RS-700	-0.543547811
14812	9/3/2019 13:21:37		-122.363	37.7161				1785.5516	RS-700	-0.758449751
14813	9/3/2019 13:21:38		-122.363	37.7161				1841.48413	RS-700	-0.480178458
14814	9/3/2019 13:21:39		-122.363	37.7161				1864.65106	RS-700	-0.3649201
14815	9/3/2019 13:21:40		-122.363	37.7161				1808.65081	RS-700	-0.643528308
14816	9/3/2019 13:21:41		-122.363	37.7161				1840.84601	RS-700	-0.483353184
14817	9/3/2019 13:21:42		-122.363	37.7161				1804.74828	RS-700	-0.662943881
14818	9/3/2019 13:21:43		-122.363	37.7161				1982.61067	RS-700	0.221943632
14819	9/3/2019 13:21:44		-122.363	37.7161				1942.59245	RS-700	0.02284801
14820	9/3/2019 13:21:45		-122.363	37.7161				1901.76378	RS-700	-0.180279701
14821	9/3/2019 13:21:46		-122.363	37.7161				1990.80756	RS-700	0.262724179
14822	9/3/2019 13:21:47		-122.363	37.7161				1905.39645	RS-700	-0.162206716

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SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
14823	9/3/2019 13:21:48		-122.363	37.7161				1900.39952	RS-700	-0.187067065
14824	9/3/2019 13:21:49		-122.363	37.7161				1918.39701	RS-700	-0.097527313
14825	9/3/2019 13:21:50		-122.363	37.7161				1944.87855	RS-700	0.034221642
14826	9/3/2019 13:21:51		-122.363	37.7161				1954.6016	RS-700	0.082595025
14827	9/3/2019 13:21:52		-122.363	37.7161				2024.32144	RS-700	0.4294599
14828	9/3/2019 13:21:53		-122.363	37.7161				2032.72681	RS-700	0.471277662
14829	9/3/2019 13:21:54		-122.363	37.7162				2077.84508	RS-700	0.695746667
14830	9/3/2019 13:21:55		-122.363	37.7162				2086.54291	RS-700	0.739019453
14831	9/3/2019 13:21:56		-122.363	37.7162				2017.41777	RS-700	0.395113284
14832	9/3/2019 13:21:57		-122.363	37.7162				2103.32986	RS-700	0.822536617
14833	9/3/2019 13:21:58		-122.363	37.7162				2049.51693	RS-700	0.554810597
14834	9/3/2019 13:21:59		-122.363	37.7162				2030.23408	RS-700	0.45887602
14835	9/3/2019 13:22:00		-122.363	37.7162				2002.421	RS-700	0.320502488
14836	9/3/2019 13:22:01		-122.363	37.7162				2049.52166	RS-700	0.554834129
14837	9/3/2019 13:22:02		-122.363	37.7162				2059.72497	RS-700	0.605596866
14838	9/3/2019 13:22:03		-122.363	37.7161				1933.59654	RS-700	-0.021907761
14839	9/3/2019 13:22:04		-122.363	37.7161				2031.62765	RS-700	0.465809204
14840	9/3/2019 13:22:05		-122.363	37.7161				1857.38608	RS-700	-0.401064279
14841	9/3/2019 13:22:06		-122.363	37.7161				1951.89471	RS-700	0.06912791
14842	9/3/2019 13:22:07		-122.363	37.7161				1891.57802	RS-700	-0.230955124
14843	9/3/2019 13:22:08		-122.363	37.7161				1908.77888	RS-700	-0.145378706
14844	9/3/2019 13:22:09		-122.363	37.7161				1964.90169	RS-700	0.133839254
14845	9/3/2019 13:22:10		-122.363	37.7161				1983.91141	RS-700	0.228414975
14846	9/3/2019 13:22:11		-122.363	37.7162				1918.39378	RS-700	-0.097543383
14847	9/3/2019 13:22:12		-122.363	37.7162				2046.24068	RS-700	0.538510846
14848	9/3/2019 13:22:13		-122.363	37.7162				2098.38137	RS-700	0.797917264
14849	9/3/2019 13:22:14		-122.363	37.7162				1976.10547	RS-700	0.189579453
14850	9/3/2019 13:22:15		-122.363	37.7162				2057.94739	RS-700	0.596753184
14851	9/3/2019 13:22:16		-122.363	37.7162				2055.85879	RS-700	0.586362139
14852	9/3/2019 13:22:17		-122.363	37.7162				1927.69524	RS-700	-0.051267463
14853	9/3/2019 13:22:18		-122.363	37.7162				2064.63826	RS-700	0.630041095
14854	9/3/2019 13:22:19		-122.363	37.7162				2012.81814	RS-700	0.372229552
14855	9/3/2019 13:22:20		-122.363	37.7162				2022.11021	RS-700	0.418458756
14856	9/3/2019 13:22:21		-122.363	37.7162				1950.79689	RS-700	0.063666119
14857	9/3/2019 13:22:22		-122.363	37.7162				1981.81251	RS-700	0.217972687
14858	9/3/2019 13:22:23		-122.363	37.7162				1919.29558	RS-700	-0.093056816
14859	9/3/2019 13:22:24		-122.363	37.7162				2002.03236	RS-700	0.318568955
14860	9/3/2019 13:22:25		-122.363	37.7162				1984.30992	RS-700	0.230397612
14861	9/3/2019 13:22:26		-122.363	37.7162				2015.92463	RS-700	0.387684726
14862	9/3/2019 13:22:27		-122.363	37.7162				2057.62937	RS-700	0.595170995
14863	9/3/2019 13:22:28		-122.363	37.7162				2066.32579	RS-700	0.638436766
14864	9/3/2019 13:22:29		-122.363	37.7162				2059.83468	RS-700	0.606142687
14865	9/3/2019 13:22:30		-122.363	37.7162				1989.51069	RS-700	0.25627209
14866	9/3/2019 13:22:31		-122.363	37.7162				1965.91097	RS-700	0.138860547
14867	9/3/2019 13:22:32		-122.363	37.7162				2025.5215	RS-700	0.435430348
14868	9/3/2019 13:22:33		-122.363	37.7162				2049.61252	RS-700	0.555286169
14869	9/3/2019 13:22:34		-122.363	37.7162				2049.63019	RS-700	0.55537408
14870	9/3/2019 13:22:35		-122.363	37.7162				2122.50405	RS-700	0.917930597
14871	9/3/2019 13:22:36		-122.363	37.7162				2128.84103	RS-700	0.949457861
14872	9/3/2019 13:22:37		-122.363	37.7162				2108.87106	RS-700	0.850104776
14873	9/3/2019 13:22:38		-122.363	37.7162				2063.74868	RS-700	0.625615323
14874	9/3/2019 13:22:39		-122.363	37.7162				2036.52243	RS-700	0.490161343
14875	9/3/2019 13:22:40		-122.363	37.7162				1927.88405	RS-700	-0.050328109
14876	9/3/2019 13:22:41		-122.363	37.7162				1891.95327	RS-700	-0.229088209
14877	9/3/2019 13:22:42		-122.363	37.7162				1930.98078	RS-700	-0.034921493
14878	9/3/2019 13:22:43		-122.363	37.7162				1915.4959	RS-700	-0.111960697
14879	9/3/2019 13:22:44		-122.363	37.7162				1871.67115	RS-700	-0.329994279
14880	9/3/2019 13:22:45		-122.363	37.7163				1914.29918	RS-700	-0.117914527
14881	9/3/2019 13:22:46		-122.363	37.7163				1908.35141	RS-700	-0.147505423
14882	9/3/2019 13:22:47		-122.363	37.7163				1909.77868	RS-700	-0.140404577
14883	9/3/2019 13:22:48		-122.363	37.7163				1965.00122	RS-700	0.134334428

Gamma Scan Survey Results
Survey Unit 5 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
14884	9/3/2019 13:22:49		-122.363	37.7163				1957.89365	RS-700	0.098973383
14885	9/3/2019 13:22:50		-122.363	37.7163				2019.63736	RS-700	0.40615602
14886	9/3/2019 13:22:51		-122.363	37.7163				2104.75682	RS-700	0.82963592
14887	9/3/2019 13:22:52		-122.363	37.7163				2036.62859	RS-700	0.490689502
14888	9/3/2019 13:22:53		-122.363	37.7163				1908.39561	RS-700	-0.147285522
14889	9/3/2019 13:22:54		-122.363	37.7163				1766.56104	RS-700	-0.852930149
14890	9/3/2019 13:22:55		-122.363	37.7163				1702.67516	RS-700	-1.170770348
14891	9/3/2019 13:22:56		-122.363	37.7163				2009.33064	RS-700	0.354878806
14892	9/3/2019 13:22:57		-122.363	37.7163				2031.24295	RS-700	0.463895274
14893	9/3/2019 13:22:58		-122.363	37.7163				2015.31351	RS-700	0.384644328
14894	9/3/2019 13:22:59		-122.363	37.7163				2082.95666	RS-700	0.721177413
14895	9/3/2019 13:23:00		-122.363	37.7163				2067.42867	RS-700	0.643923731
14896	9/3/2019 13:23:01		-122.363	37.7163				2065.741	RS-700	0.635527363
14897	9/3/2019 13:23:02		-122.363	37.7163				2098.61169	RS-700	0.799063134
14898	9/3/2019 13:23:03		-122.363	37.7163				2090.85481	RS-700	0.760471692
14899	9/3/2019 13:23:04		-122.363	37.7163				2045.8386	RS-700	0.536510448
14900	9/3/2019 13:23:05		-122.363	37.7163				1994.90947	RS-700	0.283131692
14901	9/3/2019 13:23:06		-122.363	37.7163				2040.14372	RS-700	0.508177711
14902	9/3/2019 13:23:07		-122.363	37.7163				2040.62971	RS-700	0.510595572
14903	9/3/2019 13:23:08		-122.363	37.7163				2088.06448	RS-700	0.746589453
14904	9/3/2019 13:23:09		-122.363	37.7163				1950.31153	RS-700	0.061251393
14905	9/3/2019 13:23:10		-122.363	37.7163				1960.50623	RS-700	0.111971294
14906	9/3/2019 13:23:11		-122.363	37.7163				1980.51212	RS-700	0.211503085
14907	9/3/2019 13:23:12		-122.363	37.7163				1919.81451	RS-700	-0.090475075
14908	9/3/2019 13:23:13		-122.363	37.7163				1913.87486	RS-700	-0.120025572
14909	9/3/2019 13:23:14		-122.363	37.7163				1919.96948	RS-700	-0.08970408
14910	9/3/2019 13:23:15		-122.363	37.7163				1939.69132	RS-700	0.008414527
14911	9/3/2019 13:23:16		-122.363	37.7163				2074.84636	RS-700	0.680827662
14912	9/3/2019 13:23:17		-122.363	37.7164				2003.21805	RS-700	0.32446791
14913	9/3/2019 13:23:18		-122.363	37.7164				1952.70509	RS-700	0.073159652
14914	9/3/2019 13:23:19		-122.363	37.7164				1917.67674	RS-700	-0.101110746
14915	9/3/2019 13:23:20		-122.363	37.7164				2053.74825	RS-700	0.57586194
14916	9/3/2019 13:23:21		-122.363	37.7164				2064.63186	RS-700	0.630009254
14917	9/3/2019 13:23:22		-122.363	37.7164				2055.93882	RS-700	0.586760299
14918	9/3/2019 13:23:23		-122.363	37.7164				2110.75608	RS-700	0.859482985
14919	9/3/2019 13:23:24		-122.363	37.7164				2019.13144	RS-700	0.403639005
14920	9/3/2019 13:23:25		-122.363	37.7164				2004.3271	RS-700	0.329985572
14921	9/3/2019 13:23:26		-122.363	37.7164				2082.96383	RS-700	0.721213085
14922	9/3/2019 13:23:27		-122.363	37.7164				1952.99272	RS-700	0.074590647
14923	9/3/2019 13:23:28		-122.363	37.7164				2015.41827	RS-700	0.385165522
14924	9/3/2019 13:23:29		-122.364	37.7164				1999.61087	RS-700	0.306521741
14925	9/3/2019 13:23:30		-122.364	37.7164				2013.61425	RS-700	0.376190299
14926	9/3/2019 13:23:31		-122.364	37.7164				1949.69933	RS-700	0.058205622
14927	9/3/2019 13:23:32		-122.364	37.7164				1885.77569	RS-700	-0.259822438
14928	9/3/2019 13:23:33		-122.364	37.7164				1900.38667	RS-700	-0.187130995
14929	9/3/2019 13:23:34		-122.364	37.7164				1891.67923	RS-700	-0.230451592
14930	9/3/2019 13:23:35		-122.364	37.7164				1859.28329	RS-700	-0.391625423
14931	9/3/2019 13:23:36		-122.364	37.7164				1989.71615	RS-700	0.257294279
14932	9/3/2019 13:23:37		-122.364	37.7164				1936.59608	RS-700	-0.006984677
14933	9/3/2019 13:23:38		-122.364	37.7164				1992.41027	RS-700	0.270697861
14934	9/3/2019 13:23:39		-122.364	37.7164				1989.91041	RS-700	0.258260746
14935	9/3/2019 13:23:40		-122.364	37.7164				2045.2401	RS-700	0.533532836
14936	9/3/2019 13:23:41		-122.364	37.7164				2004.40334	RS-700	0.330364876
14937	9/3/2019 13:23:42		-122.364	37.7164				1963.09544	RS-700	0.124852935
14938	9/3/2019 13:23:43		-122.364	37.7164				1996.52442	RS-700	0.291166269
14939	9/3/2019 13:23:44		-122.364	37.7164				1948.60052	RS-700	0.052738905
14940	9/3/2019 13:23:45		-122.364	37.7164				2010.61987	RS-700	0.361292886
14941	9/3/2019 13:23:46		-122.364	37.7164				1969.70494	RS-700	0.15773602
14942	9/3/2019 13:23:47		-122.364	37.7164				1896.86944	RS-700	-0.204629652
14943	9/3/2019 13:23:48		-122.364	37.7164				1914.39522	RS-700	-0.117436716
14944	9/3/2019 13:23:49		-122.364	37.7165				1993.91156	RS-700	0.278166965

Gamma Scan Survey Results
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SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
14945	9/3/2019 13:23:50		-122.364	37.7165				1960.60401	RS-700	0.112457761
14946	9/3/2019 13:23:51		-122.364	37.7165				1916.87505	RS-700	-0.105099254
14947	9/3/2019 13:23:52		-122.364	37.7165				1944.79371	RS-700	0.033799552
14948	9/3/2019 13:23:53		-122.364	37.7165				1889.48524	RS-700	-0.241366965
14949	9/3/2019 13:23:54		-122.364	37.7165				1866.76951	RS-700	-0.354380547
14950	9/3/2019 13:23:55		-122.364	37.7164				1856.6655	RS-700	-0.404649254
14951	9/3/2019 13:23:56		-122.364	37.7164				1873.95005	RS-700	-0.318656468
14952	9/3/2019 13:23:57		-122.364	37.7164				1846.56746	RS-700	-0.454888259
14953	9/3/2019 13:23:58		-122.364	37.7164				1850.57363	RS-700	-0.434957065
14954	9/3/2019 13:23:59		-122.364	37.7164				1796.8207	RS-700	-0.702384577
14955	9/3/2019 13:24:00		-122.364	37.7164				1958.69967	RS-700	0.102983433
14956	9/3/2019 13:24:01		-122.364	37.7164				1910.68568	RS-700	-0.135892139
14957	9/3/2019 13:24:02		-122.364	37.7164				1890.87834	RS-700	-0.234436119
14958	9/3/2019 13:24:03		-122.364	37.7164				1895.67784	RS-700	-0.21055801
14959	9/3/2019 13:24:04		-122.364	37.7164				1904.67687	RS-700	-0.165786716
14960	9/3/2019 13:24:05		-122.364	37.7164				2001.00168	RS-700	0.313441194
14961	9/3/2019 13:24:06		-122.364	37.7164				1990.70139	RS-700	0.26219597
14962	9/3/2019 13:24:07		-122.364	37.7164				1972.79379	RS-700	0.173103433
14963	9/3/2019 13:24:08		-122.364	37.7165				2054.93682	RS-700	0.581775224
14964	9/3/2019 13:24:09		-122.364	37.7165				2053.7387	RS-700	0.575814428
14965	9/3/2019 13:24:10		-122.364	37.7165				2035.03317	RS-700	0.48275209
14966	9/3/2019 13:24:11		-122.364	37.7165				2046.32639	RS-700	0.538937264
14967	9/3/2019 13:24:12		-122.364	37.7165				2080.6861	RS-700	0.709881095
14968	9/3/2019 13:24:13		-122.364	37.7165				2039.03542	RS-700	0.502663781
14969	9/3/2019 13:24:14		-122.364	37.7165				2042.93743	RS-700	0.522076766
14970	9/3/2019 13:24:15		-122.364	37.7165				2139.2057	RS-700	1.001023383
14971	9/3/2019 13:24:16		-122.364	37.7165				2111.33424	RS-700	0.862359403
14972	9/3/2019 13:24:17		-122.364	37.7165				2179.21449	RS-700	1.20007209
14973	9/3/2019 13:24:18		-122.364	37.7165				2153.42014	RS-700	1.07174199
14974	9/3/2019 13:24:19		-122.364	37.7165				2163.30653	RS-700	1.12092801
14975	9/3/2019 13:24:20		-122.364	37.7165				2194.22631	RS-700	1.274757761
14976	9/3/2019 13:24:21		-122.364	37.7165				2190.78435	RS-700	1.257633582
14977	9/3/2019 13:24:22		-122.364	37.7165				2126.44781	RS-700	0.937551294
14978	9/3/2019 13:24:23		-122.364	37.7165				2111.75734	RS-700	0.864464378
14979	9/3/2019 13:24:24		-122.364	37.7165				2135.76437	RS-700	0.983902338
14980	9/3/2019 13:24:25		-122.364	37.7165				2120.98376	RS-700	0.910366965
14981	9/3/2019 13:24:26		-122.364	37.7165				2017.40313	RS-700	0.395040448
14982	9/3/2019 13:24:27		-122.364	37.7165				2028.82677	RS-700	0.451874478
14983	9/3/2019 13:24:28		-122.364	37.7165				2077.63487	RS-700	0.694700846
14984	9/3/2019 13:24:29		-122.364	37.7165				2061.62699	RS-700	0.615059652
14985	9/3/2019 13:24:30		-122.364	37.7165				2082.95697	RS-700	0.721178955
14986	9/3/2019 13:24:31		-122.364	37.7165				2139.2118	RS-700	1.001053731
14987	9/3/2019 13:24:32		-122.364	37.7165				2124.65356	RS-700	0.928624677
14988	9/3/2019 13:24:33		-122.364	37.7165				1953.21157	RS-700	0.075679453
14989	9/3/2019 13:24:34		-122.364	37.7165				2058.63435	RS-700	0.600170896
14990	9/3/2019 13:24:35		-122.364	37.7165				1965.70601	RS-700	0.137840846
14991	9/3/2019 13:24:36		-122.364	37.7165				2062.84766	RS-700	0.621132637
14992	9/3/2019 13:24:37		-122.364	37.7165				2098.85808	RS-700	0.800288955
14993	9/3/2019 13:24:38		-122.364	37.7166				2064.8488	RS-700	0.631088557
14994	9/3/2019 13:24:39		-122.364	37.7166				2156.19743	RS-700	1.085559353
14995	9/3/2019 13:24:40		-122.364	37.7166				2047.63065	RS-700	0.545426119
14996	9/3/2019 13:24:41		-122.364	37.7166				2151.88368	RS-700	1.06409791
14997	9/3/2019 13:24:42		-122.364	37.7166				2186.00005	RS-700	1.233831095
14998	9/3/2019 13:24:43		-122.364	37.7166				2082.95623	RS-700	0.721175274
14999	9/3/2019 13:24:44		-122.364	37.7166				2183.11146	RS-700	1.21946
15000	9/3/2019 13:24:45		-122.364	37.7166				2069.9359	RS-700	0.656397512
15001	9/3/2019 13:24:46		-122.364	37.7166				2015.29311	RS-700	0.384542836
15002	9/3/2019 13:24:47		-122.364	37.7166				2106.96915	RS-700	0.840642537
15003	9/3/2019 13:24:48		-122.364	37.7166				2267.9274	RS-700	1.641429851
15004	9/3/2019 13:24:49		-122.364	37.7166				2196.89148	RS-700	1.288017313
15005	9/3/2019 13:24:50		-122.364	37.7166				2110.12564	RS-700	0.856346468

Gamma Scan Survey Results
Survey Unit 5 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
15006	9/3/2019 13:24:51		-122.364	37.7166				2173.56104	RS-700	1.171945473
15007	9/3/2019 13:24:52		-122.364	37.7166				2102.86413	RS-700	0.820219552
15008	9/3/2019 13:24:53		-122.364	37.7166				2149.77065	RS-700	1.053585323
15009	9/3/2019 13:24:54		-122.364	37.7166				2154.98637	RS-700	1.079534179
15010	9/3/2019 13:24:55		-122.364	37.7166				2088.74978	RS-700	0.749998905
15011	9/3/2019 13:24:56		-122.364	37.7166				2117.55062	RS-700	0.893286667
15012	9/3/2019 13:24:57		-122.364	37.7166				2043.1155	RS-700	0.522962687
15013	9/3/2019 13:24:58		-122.364	37.7166				2116.86158	RS-700	0.889858607
15014	9/3/2019 13:24:59		-122.364	37.7166				2151.87361	RS-700	1.064047811
15015	9/3/2019 13:25:00		-122.364	37.7166				2256.37066	RS-700	1.583933632
15016	9/3/2019 13:25:01		-122.364	37.7166				2218.57927	RS-700	1.395916766
15017	9/3/2019 13:25:02		-122.364	37.7166				2225.3499	RS-700	1.429601493
15018	9/3/2019 13:25:03		-122.364	37.7166				2101.75078	RS-700	0.814680498
15019	9/3/2019 13:25:04		-122.364	37.7166				2126.30272	RS-700	0.936829453
15020	9/3/2019 13:25:05		-122.364	37.7166				2186.10039	RS-700	1.234330299
15021	9/3/2019 13:25:06		-122.364	37.7166				2130.87422	RS-700	0.959573234
15022	9/3/2019 13:25:07		-122.364	37.7166				2146.98677	RS-700	1.039735174
15023	9/3/2019 13:25:08		-122.364	37.7166				2173.00875	RS-700	1.169197761
15024	9/3/2019 13:25:09		-122.364	37.7166				2054.93969	RS-700	0.581789502
15025	9/3/2019 13:25:10		-122.364	37.7166				2245.9395	RS-700	1.532037313
15026	9/3/2019 13:25:11		-122.364	37.7166				2190.89931	RS-700	1.258205522
15027	9/3/2019 13:25:12		-122.364	37.7166				2213.46315	RS-700	1.370463433
15028	9/3/2019 13:25:13		-122.364	37.7167				2150.87821	RS-700	1.059095572
15029	9/3/2019 13:25:14		-122.364	37.7167				2156.55446	RS-700	1.087335622
15030	9/3/2019 13:25:15		-122.364	37.7167				2114.43748	RS-700	0.877798408
15031	9/3/2019 13:25:16		-122.364	37.7167				2208.57223	RS-700	1.346130498
15032	9/3/2019 13:25:17		-122.364	37.7167				2263.04539	RS-700	1.617141244
15033	9/3/2019 13:25:18		-122.364	37.7167				2033.40521	RS-700	0.474652786
15034	9/3/2019 13:25:19		-122.364	37.7167				2104.28058	RS-700	0.827266567
15035	9/3/2019 13:25:20		-122.364	37.7167				2127.54615	RS-700	0.943015672
15036	9/3/2019 13:25:21		-122.364	37.7167				2053.63256	RS-700	0.575286368
15037	9/3/2019 13:25:22		-122.364	37.7167				2188.78213	RS-700	1.247672289
15038	9/3/2019 13:25:23		-122.364	37.7167				2159.65503	RS-700	1.102761343
15039	9/3/2019 13:25:24		-122.364	37.7167				2233.67072	RS-700	1.470998607
15040	9/3/2019 13:25:25		-122.364	37.7167				2129.08261	RS-700	0.950659751
15041	9/3/2019 13:25:26		-122.364	37.7167				2299.70797	RS-700	1.799542139
15042	9/3/2019 13:25:27		-122.364	37.7167				2241.68569	RS-700	1.51087408
15043	9/3/2019 13:25:28		-122.364	37.7167				2246.24691	RS-700	1.533566716
15044	9/3/2019 13:25:29		-122.364	37.7167				2254.25836	RS-700	1.573424677
15045	9/3/2019 13:25:30		-122.364	37.7167				2241.68755	RS-700	1.510883333
15046	9/3/2019 13:25:31		-122.364	37.7167				2155.99302	RS-700	1.084542388
15047	9/3/2019 13:25:32		-122.364	37.7167				2165.77348	RS-700	1.133201393
15048	9/3/2019 13:25:33		-122.364	37.7167				2240.92062	RS-700	1.507067761
15049	9/3/2019 13:25:34		-122.364	37.7167				2209.90532	RS-700	1.352762786
15050	9/3/2019 13:25:35		-122.364	37.7167				2225.7991	RS-700	1.431836318
15051	9/3/2019 13:25:36		-122.364	37.7167				2222.79857	RS-700	1.416908308
15052	9/3/2019 13:25:37		-122.364	37.7167				2169.00177	RS-700	1.149262537
15053	9/3/2019 13:25:38		-122.364	37.7167				2171.5263	RS-700	1.161822388
15054	9/3/2019 13:25:39		-122.364	37.7167				2125.07572	RS-700	0.930724975
15055	9/3/2019 13:25:40		-122.364	37.7167				2278.93224	RS-700	1.696180299
15056	9/3/2019 13:25:41		-122.364	37.7167				2123.10481	RS-700	0.920919453
15057	9/3/2019 13:25:42		-122.364	37.7167				2119.43878	RS-700	0.902680498
15058	9/3/2019 13:25:43		-122.364	37.7167				2165.64061	RS-700	1.132540348
15059	9/3/2019 13:25:44		-122.364	37.7167				2204.24101	RS-700	1.324582139
15060	9/3/2019 13:25:45		-122.364	37.7167				2190.33868	RS-700	1.255416318
15061	9/3/2019 13:25:46		-122.364	37.7167				2247.80712	RS-700	1.541328955
15062	9/3/2019 13:25:47		-122.364	37.7166				2241.79307	RS-700	1.511408308
15063	9/3/2019 13:25:48		-122.364	37.7166				2260.03165	RS-700	1.602147512
15064	9/3/2019 13:25:49		-122.364	37.7166				2211.46094	RS-700	1.360502189
15065	9/3/2019 13:25:50		-122.364	37.7166				2193.44358	RS-700	1.270863582
15066	9/3/2019 13:25:51		-122.364	37.7166				2262.15152	RS-700	1.612694129

Gamma Scan Survey Results
Survey Unit 5 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
15067	9/3/2019 13:25:52		-122.364	37.7166				2257.03942	RS-700	1.587260796
15068	9/3/2019 13:25:53		-122.364	37.7166				2280.704	RS-700	1.704995025
15069	9/3/2019 13:25:54		-122.364	37.7166				2240.90515	RS-700	1.506990796
15070	9/3/2019 13:25:55		-122.364	37.7166				2340.6047	RS-700	2.003008458
15071	9/3/2019 13:25:56		-122.364	37.7166				2207.56309	RS-700	1.341109901
15072	9/3/2019 13:25:57		-122.364	37.7166				2187.57144	RS-700	1.241648955
15073	9/3/2019 13:25:58		-122.364	37.7166				2292.04311	RS-700	1.761408507
15074	9/3/2019 13:25:59		-122.364	37.7166				2235.68813	RS-700	1.481035473
15075	9/3/2019 13:26:00		-122.364	37.7166				2263.92616	RS-700	1.621523184
15076	9/3/2019 13:26:01		-122.364	37.7166				2239.8013	RS-700	1.501499005
15077	9/3/2019 13:26:02		-122.364	37.7166				2230.34884	RS-700	1.454471841
15078	9/3/2019 13:26:03		-122.364	37.7166				2229.80094	RS-700	1.45174597
15079	9/3/2019 13:26:04		-122.364	37.7166				2182.67081	RS-700	1.217267711
15080	9/3/2019 13:26:05		-122.364	37.7166				2250.36771	RS-700	1.554068209
15081	9/3/2019 13:26:06		-122.364	37.7166				2216.7951	RS-700	1.387040299
15082	9/3/2019 13:26:07		-122.364	37.7166				2220.57244	RS-700	1.405833035
15083	9/3/2019 13:26:08		-122.364	37.7166				2161.42385	RS-700	1.111561443
15084	9/3/2019 13:26:09		-122.364	37.7166				2224.79989	RS-700	1.426865124
15085	9/3/2019 13:26:10		-122.364	37.7166				2193.66717	RS-700	1.27197597
15086	9/3/2019 13:26:11		-122.364	37.7166				2157.09593	RS-700	1.090029502
15087	9/3/2019 13:26:12		-122.364	37.7166				2121.53611	RS-700	0.913114975
15088	9/3/2019 13:26:13		-122.364	37.7166				2194.78979	RS-700	1.277561144
15089	9/3/2019 13:26:14		-122.364	37.7166				2117.75889	RS-700	0.894322836
15090	9/3/2019 13:26:15		-122.364	37.7166				2187.88807	RS-700	1.243224229
15091	9/3/2019 13:26:16		-122.364	37.7166				2034.72785	RS-700	0.481233085
15092	9/3/2019 13:26:17		-122.364	37.7166				2101.86175	RS-700	0.815232587
15093	9/3/2019 13:26:18		-122.364	37.7166				2103.75638	RS-700	0.824658607
15094	9/3/2019 13:26:19		-122.364	37.7166				2116.5416	RS-700	0.888266667
15095	9/3/2019 13:26:20		-122.364	37.7166				2087.14882	RS-700	0.74203393
15096	9/3/2019 13:26:21		-122.364	37.7165				2200.77506	RS-700	1.307338607
15097	9/3/2019 13:26:22		-122.364	37.7165				2082.95457	RS-700	0.721167015
15098	9/3/2019 13:26:23		-122.364	37.7165				2115.50596	RS-700	0.883114229
15099	9/3/2019 13:26:24		-122.364	37.7165				2043.93653	RS-700	0.527047413
15100	9/3/2019 13:26:25		-122.364	37.7165				2120.86151	RS-700	0.909758756
15101	9/3/2019 13:26:26		-122.364	37.7165				2199.56887	RS-700	1.301337662
15102	9/3/2019 13:26:27		-122.364	37.7165				2117.97279	RS-700	0.895387015
15103	9/3/2019 13:26:28		-122.364	37.7165				2156.87914	RS-700	1.088950945
15104	9/3/2019 13:26:29		-122.364	37.7165				2167.20982	RS-700	1.140347363
15105	9/3/2019 13:26:30		-122.364	37.7165				2194.79617	RS-700	1.277592886
15106	9/3/2019 13:26:31		-122.364	37.7165				2110.76233	RS-700	0.85951408
15107	9/3/2019 13:26:32		-122.364	37.7165				2187.55721	RS-700	1.241578159
15108	9/3/2019 13:26:33		-122.364	37.7165				2195.90014	RS-700	1.283085274
15109	9/3/2019 13:26:34		-122.364	37.7165				2161.78997	RS-700	1.113382935
15110	9/3/2019 13:26:35		-122.364	37.7165				2106.6674	RS-700	0.839141294
15111	9/3/2019 13:26:36		-122.364	37.7165				2088.64343	RS-700	0.749469801
15112	9/3/2019 13:26:37		-122.364	37.7165				2141.76563	RS-700	1.013759353
15113	9/3/2019 13:26:38		-122.364	37.7165				2148.97831	RS-700	1.049643333
15114	9/3/2019 13:26:39		-122.364	37.7165				2249.92131	RS-700	1.551847313
15115	9/3/2019 13:26:40		-122.364	37.7165				2215.45955	RS-700	1.380395771
15116	9/3/2019 13:26:41		-122.364	37.7165				2117.85983	RS-700	0.894825025
15117	9/3/2019 13:26:42		-122.364	37.7165				2054.53269	RS-700	0.579764627
15118	9/3/2019 13:26:43		-122.364	37.7165				2060.73836	RS-700	0.610638607
15119	9/3/2019 13:26:44		-122.364	37.7165				2138.08566	RS-700	0.995451045
15120	9/3/2019 13:26:45		-122.364	37.7165				2170.67546	RS-700	1.157589353
15121	9/3/2019 13:26:46		-122.364	37.7165				2149.09519	RS-700	1.050224826
15122	9/3/2019 13:26:47		-122.364	37.7165				2107.75324	RS-700	0.844543483
15123	9/3/2019 13:26:48		-122.364	37.7165				2091.76358	RS-700	0.764992935
15124	9/3/2019 13:26:49		-122.364	37.7165				2050.22039	RS-700	0.558310398
15125	9/3/2019 13:26:50		-122.364	37.7165				2020.21276	RS-700	0.409018706
15126	9/3/2019 13:26:51		-122.364	37.7165				2051.73437	RS-700	0.565842637
15127	9/3/2019 13:26:52		-122.364	37.7165				2024.82576	RS-700	0.431968955

Gamma Scan Survey Results
Survey Unit 5 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
15128	9/3/2019 13:26:53		-122.364	37.7165				2040.13932	RS-700	0.508155821
15129	9/3/2019 13:26:54		-122.364	37.7165				1961.60016	RS-700	0.117413731
15130	9/3/2019 13:26:55		-122.364	37.7165				1886.4035	RS-700	-0.256699005
15131	9/3/2019 13:26:56		-122.364	37.7165				1980.02002	RS-700	0.209054826
15132	9/3/2019 13:26:57		-122.364	37.7165				1916.3895	RS-700	-0.107514925
15133	9/3/2019 13:26:58		-122.364	37.7165				1972.40296	RS-700	0.171159005
15134	9/3/2019 13:26:59		-122.364	37.7165				1860.57721	RS-700	-0.38518801
15135	9/3/2019 13:27:00		-122.364	37.7165				1978.80223	RS-700	0.202996169
15136	9/3/2019 13:27:01		-122.364	37.7164				1932.59541	RS-700	-0.026888507
15137	9/3/2019 13:27:02		-122.364	37.7164				1936.2162	RS-700	-0.008874627
15138	9/3/2019 13:27:03		-122.364	37.7164				2067.8521	RS-700	0.646030348
15139	9/3/2019 13:27:04		-122.364	37.7164				2137.55293	RS-700	0.992800647
15140	9/3/2019 13:27:05		-122.364	37.7164				2141.66808	RS-700	1.01327403
15141	9/3/2019 13:27:06		-122.364	37.7164				2151.66152	RS-700	1.062992637
15142	9/3/2019 13:27:07		-122.364	37.7164				2125.97167	RS-700	0.935182438
15143	9/3/2019 13:27:08		-122.364	37.7164				2091.11607	RS-700	0.761771493
15144	9/3/2019 13:27:09		-122.364	37.7164				2024.23373	RS-700	0.429023532
15145	9/3/2019 13:27:10		-122.364	37.7164				2117.85886	RS-700	0.894820199
15146	9/3/2019 13:27:11		-122.364	37.7164				2168.33982	RS-700	1.145969254
15147	9/3/2019 13:27:12		-122.363	37.7164				2054.83788	RS-700	0.581282985
15148	9/3/2019 13:27:13		-122.363	37.7164				2104.96157	RS-700	0.830654577
15149	9/3/2019 13:27:14		-122.363	37.7164				1968.31017	RS-700	0.150796866
15150	9/3/2019 13:27:15		-122.363	37.7164				2023.61736	RS-700	0.425957015
15151	9/3/2019 13:27:16		-122.363	37.7164				2112.17946	RS-700	0.866564478
15152	9/3/2019 13:27:17		-122.363	37.7164				2072.46596	RS-700	0.668984876
15153	9/3/2019 13:27:18		-122.363	37.7164				2094.43428	RS-700	0.77828
15154	9/3/2019 13:27:19		-122.363	37.7164				2040.23031	RS-700	0.508608507
15155	9/3/2019 13:27:20		-122.363	37.7164				2089.95731	RS-700	0.756006517
15156	9/3/2019 13:27:21		-122.363	37.7164				2220.57308	RS-700	1.405836219
15157	9/3/2019 13:27:22		-122.363	37.7164				2019.5029	RS-700	0.405487065
15158	9/3/2019 13:27:23		-122.363	37.7164				2044.62967	RS-700	0.530495871
15159	9/3/2019 13:27:24		-122.363	37.7164				2022.03771	RS-700	0.41809806
15160	9/3/2019 13:27:25		-122.363	37.7164				2014.41908	RS-700	0.380194428
15161	9/3/2019 13:27:26		-122.363	37.7164				1930.49197	RS-700	-0.037353383
15162	9/3/2019 13:27:27		-122.363	37.7164				1955.38574	RS-700	0.086496219
15163	9/3/2019 13:27:28		-122.363	37.7164				2025.13364	RS-700	0.433500697
15164	9/3/2019 13:27:29		-122.363	37.7163				2053.64476	RS-700	0.575347065
15165	9/3/2019 13:27:30		-122.363	37.7163				2100.17227	RS-700	0.806827214
15166	9/3/2019 13:27:31		-122.363	37.7163				2035.43743	RS-700	0.484763333
15167	9/3/2019 13:27:32		-122.363	37.7163				2050.14539	RS-700	0.557937264
15168	9/3/2019 13:27:33		-122.363	37.7163				1998.71731	RS-700	0.302076169
15169	9/3/2019 13:27:34		-122.363	37.7163				2022.82563	RS-700	0.42201806
15170	9/3/2019 13:27:35		-122.363	37.7163				2092.85995	RS-700	0.770447512
15171	9/3/2019 13:27:36		-122.363	37.7163				1990.61452	RS-700	0.261763781
15172	9/3/2019 13:27:37		-122.363	37.7163				1874.38746	RS-700	-0.316480299
15173	9/3/2019 13:27:38		-122.363	37.7163				1958.18204	RS-700	0.100408159
15174	9/3/2019 13:27:39		-122.363	37.7163				2033.63177	RS-700	0.47577995
15175	9/3/2019 13:27:40		-122.363	37.7163				1960.3104	RS-700	0.110997015
15176	9/3/2019 13:27:41		-122.363	37.7163				2018.72362	RS-700	0.40161005
15177	9/3/2019 13:27:42		-122.363	37.7163				2006.51529	RS-700	0.34087209
15178	9/3/2019 13:27:43		-122.363	37.7163				2052.74715	RS-700	0.570881343
15179	9/3/2019 13:27:44		-122.363	37.7163				2020.52131	RS-700	0.410553781
15180	9/3/2019 13:27:45		-122.363	37.7163				2023.83222	RS-700	0.42702597
15181	9/3/2019 13:27:46		-122.363	37.7163				2118.07907	RS-700	0.895915771
15182	9/3/2019 13:27:47		-122.363	37.7163				2167.87951	RS-700	1.143679154
15183	9/3/2019 13:27:48		-122.363	37.7163				2240.22445	RS-700	1.503604229
15184	9/3/2019 13:27:49		-122.363	37.7163				2172.77873	RS-700	1.168053383
15185	9/3/2019 13:27:50		-122.363	37.7163				2102.75393	RS-700	0.819671294
15186	9/3/2019 13:27:51		-122.363	37.7162				2179.2186	RS-700	1.200092537
15187	9/3/2019 13:27:52		-122.363	37.7162				2140.87344	RS-700	1.009320597
15188	9/3/2019 13:27:53		-122.363	37.7162				2080.95559	RS-700	0.711221841

Gamma Scan Survey Results
Survey Unit 5 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
15189	9/3/2019 13:27:54		-122.363	37.7162				1992.21974	RS-700	0.26974995
15190	9/3/2019 13:27:55		-122.363	37.7162				2072.05983	RS-700	0.666964328
15191	9/3/2019 13:27:56		-122.363	37.7162				2043.41511	RS-700	0.524453284
15192	9/3/2019 13:27:57		-122.363	37.7162				2112.86131	RS-700	0.869956766
15193	9/3/2019 13:27:58		-122.363	37.7162				2076.03978	RS-700	0.686765075
15194	9/3/2019 13:27:59		-122.363	37.7162				1963.50575	RS-700	0.126894279
15195	9/3/2019 13:28:00		-122.363	37.7162				2062.35195	RS-700	0.618666418
15196	9/3/2019 13:28:01		-122.363	37.7162				2066.63932	RS-700	0.639996617
15197	9/3/2019 13:28:02		-122.363	37.7162				2033.03267	RS-700	0.472799353
15198	9/3/2019 13:28:03		-122.363	37.7162				2051.42126	RS-700	0.564284876
15199	9/3/2019 13:28:04		-122.363	37.7162				2122.33579	RS-700	0.917093483
15200	9/3/2019 13:28:05		-122.363	37.7163				2147.62889	RS-700	1.042929801
15201	9/3/2019 13:28:06		-122.363	37.7163				2197.87965	RS-700	1.292933582
15202	9/3/2019 13:28:07		-122.363	37.7163				2238.58107	RS-700	1.495428209
15203	9/3/2019 13:28:08		-122.363	37.7163				2129.07507	RS-700	0.950622239
15204	9/3/2019 13:28:09		-122.363	37.7163				2068.84495	RS-700	0.6509699
15205	9/3/2019 13:28:10		-122.363	37.7162				1990.01686	RS-700	0.258790348
15206	9/3/2019 13:28:11		-122.363	37.7162				2066.85222	RS-700	0.641055821
15207	9/3/2019 13:28:12		-122.363	37.7162				2031.63176	RS-700	0.465829652
15208	9/3/2019 13:28:13		-122.363	37.7162				1923.78604	RS-700	-0.070716219
15209	9/3/2019 13:28:14		-122.363	37.7162				1988.11893	RS-700	0.24934791
15210	9/3/2019 13:28:15		-122.363	37.7162				2113.96974	RS-700	0.875471343
15211	9/3/2019 13:28:16		-122.363	37.7162				1995.41326	RS-700	0.285638109
15212	9/3/2019 13:28:17		-122.363	37.7162				2132.76456	RS-700	0.96897791
15213	9/3/2019 13:28:18		-122.363	37.7162				2089.06128	RS-700	0.751548657
15214	9/3/2019 13:28:19		-122.363	37.7162				2048.63223	RS-700	0.550409104
15215	9/3/2019 13:28:20		-122.363	37.7162				2073.9489	RS-700	0.676362687
15216	9/3/2019 13:28:21		-122.363	37.7162				2105.85899	RS-700	0.835119353
15217	9/3/2019 13:28:22		-122.363	37.7162				2077.15423	RS-700	0.692309602
15218	9/3/2019 13:28:23		-122.363	37.7162				2075.74478	RS-700	0.685297413
15219	9/3/2019 13:28:24		-122.363	37.7162				2060.14915	RS-700	0.607707214
15220	9/3/2019 13:28:25		-122.363	37.7162				2096.85636	RS-700	0.790330149
15221	9/3/2019 13:28:26		-122.363	37.7162				2021.72451	RS-700	0.416539851
15222	9/3/2019 13:28:27		-122.363	37.7162				2081.61839	RS-700	0.714519353
15223	9/3/2019 13:28:28		-122.363	37.7162				2015.82558	RS-700	0.38719194
15224	9/3/2019 13:28:29		-122.363	37.7162				2133.29806	RS-700	0.971632139
15225	9/3/2019 13:28:30		-122.363	37.7162				2113.17958	RS-700	0.871540199
15226	9/3/2019 13:28:31		-122.363	37.7162				2124.86651	RS-700	0.929684129
15227	9/3/2019 13:28:32		-122.363	37.7162				2099.96347	RS-700	0.805788408
15228	9/3/2019 13:28:33		-122.363	37.7161				2009.81807	RS-700	0.357303831
15229	9/3/2019 13:28:34		-122.363	37.7161				1985.00971	RS-700	0.233879154
15230	9/3/2019 13:28:35		-122.363	37.7161				2081.26575	RS-700	0.712764925
15231	9/3/2019 13:28:36		-122.363	37.7161				1866.66024	RS-700	-0.354924179
15232	9/3/2019 13:28:37		-122.363	37.7161				1768.81913	RS-700	-0.841695871
15233	9/3/2019 13:28:38		-122.363	37.7161				1686.63039	RS-700	-1.250595075
15234	9/3/2019 13:28:39		-122.363	37.7161				1791.81512	RS-700	-0.72728796
15235	9/3/2019 13:28:40		-122.363	37.7161				1946.59839	RS-700	0.04277806
15236	9/3/2019 13:28:41		-122.363	37.7161				1974.70715	RS-700	0.182622637
15237	9/3/2019 13:28:42		-122.363	37.7161				1586.24665	RS-700	-1.750016667
15238	9/3/2019 13:28:43		-122.363	37.7161				1153.23605	RS-700	-3.904298259
15239	9/3/2019 13:28:44		-122.363	37.7161				1455.52171	RS-700	-2.400389502
15240	9/3/2019 13:28:45		-122.363	37.7161				1663.17863	RS-700	-1.367270498
15241	9/3/2019 13:28:46		-122.363	37.7161				2040.73002	RS-700	0.511094627
15242	9/3/2019 13:28:47		-122.363	37.7161				2127.30766	RS-700	0.941829154
15243	9/3/2019 13:28:48		-122.363	37.7161				2134.97929	RS-700	0.979996468
15244	9/3/2019 13:28:49		-122.363	37.7161				2126.74495	RS-700	0.939029602
15245	9/3/2019 13:28:50		-122.363	37.7161				2175.99641	RS-700	1.184061741
15246	9/3/2019 13:28:51		-122.363	37.7161				2155.67045	RS-700	1.082937562
15247	9/3/2019 13:28:52		-122.363	37.7161				2143.09427	RS-700	1.020369502
15248	9/3/2019 13:28:53		-122.363	37.7161				1936.30584	RS-700	-0.008428657
15249	9/3/2019 13:28:54		-122.363	37.7161				1949.89249	RS-700	0.059166617

Gamma Scan Survey Results
Survey Unit 5 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
15250	9/3/2019 13:28:55		-122.363	37.716				2016.74636	RS-700	0.391772935
15251	9/3/2019 13:28:56		-122.363	37.716				2016.03098	RS-700	0.388213831
15252	9/3/2019 13:28:57		-122.363	37.716				1956.89684	RS-700	0.094014129
15253	9/3/2019 13:28:58		-122.363	37.716				1932.30634	RS-700	-0.028326667
15254	9/3/2019 13:28:59		-122.363	37.716				2002.02508	RS-700	0.318532736
15255	9/3/2019 13:29:00		-122.363	37.716				1852.7578	RS-700	-0.424090547
15256	9/3/2019 13:29:01		-122.363	37.716				1857.94426	RS-700	-0.398287264
15257	9/3/2019 13:29:02		-122.363	37.716				1782.27067	RS-700	-0.774772786
15258	9/3/2019 13:29:03		-122.363	37.716				1765.18815	RS-700	-0.859760448
15259	9/3/2019 13:29:04		-122.363	37.716				1745.71268	RS-700	-0.956653333
15260	9/3/2019 13:29:05		-122.363	37.716				1740.72273	RS-700	-0.981478955
15261	9/3/2019 13:29:06		-122.363	37.716				1645.2556	RS-700	-1.456439801
15262	9/3/2019 13:29:07		-122.363	37.716				1735.90737	RS-700	-1.00543597
15263	9/3/2019 13:29:08		-122.363	37.716				1703.8779	RS-700	-1.164786567
15264	9/3/2019 13:29:09		-122.363	37.716				1725.79407	RS-700	-1.055750896
15265	9/3/2019 13:29:10		-122.363	37.716				1835.94199	RS-700	-0.507751294
15266	9/3/2019 13:29:11		-122.363	37.716				1862.47886	RS-700	-0.375727065
15267	9/3/2019 13:29:12		-122.363	37.716				1948.60465	RS-700	0.052759453
15268	9/3/2019 13:29:13		-122.363	37.716				1990.51473	RS-700	0.261267313
15269	9/3/2019 13:29:14		-122.363	37.716				1992.60326	RS-700	0.27165801
15270	9/3/2019 13:29:15		-122.363	37.716				1932.59836	RS-700	-0.026873831
15271	9/3/2019 13:29:16		-122.363	37.716				1944.98947	RS-700	0.034773483
15272	9/3/2019 13:29:17		-122.363	37.716				1878.58105	RS-700	-0.295616667
15273	9/3/2019 13:29:18		-122.363	37.716				1941.69337	RS-700	0.018374975
15274	9/3/2019 13:29:19		-122.363	37.716				1871.68962	RS-700	-0.329902388
15275	9/3/2019 13:29:20		-122.363	37.716				1986.5163	RS-700	0.241374627
15276	9/3/2019 13:29:21		-122.363	37.716				1887.67626	RS-700	-0.250366866
15277	9/3/2019 13:29:22		-122.363	37.716				1928.69115	RS-700	-0.046312687
15278	9/3/2019 13:29:23		-122.363	37.716				2052.42578	RS-700	0.569282488
15279	9/3/2019 13:29:24		-122.363	37.716				2000.81144	RS-700	0.312494726
15280	9/3/2019 13:29:25		-122.363	37.716				2096.95197	RS-700	0.790805821
15281	9/3/2019 13:29:26		-122.363	37.716				2105.86317	RS-700	0.835140149
15282	9/3/2019 13:29:27		-122.363	37.716				2038.73159	RS-700	0.501152189
15283	9/3/2019 13:29:28		-122.363	37.716				2059.93781	RS-700	0.606655771
15284	9/3/2019 13:29:29		-122.363	37.716				1956.99372	RS-700	0.094496119
15285	9/3/2019 13:29:30		-122.363	37.716				2000.92333	RS-700	0.313051393
15286	9/3/2019 13:29:31		-122.363	37.716				2016.62198	RS-700	0.391154129
15287	9/3/2019 13:29:32		-122.363	37.716				2009.91616	RS-700	0.357791841
15288	9/3/2019 13:29:33		-122.363	37.716				2070.73837	RS-700	0.6603899
15289	9/3/2019 13:29:34		-122.363	37.716				2082.53817	RS-700	0.719095373
15290	9/3/2019 13:29:35		-122.363	37.716				1934.40539	RS-700	-0.017883632
15291	9/3/2019 13:29:36		-122.363	37.716				2042.42209	RS-700	0.519512886
15292	9/3/2019 13:29:37		-122.363	37.716				2013.53931	RS-700	0.375817463
15293	9/3/2019 13:29:38		-122.363	37.716				2030.82411	RS-700	0.461811493
15294	9/3/2019 13:29:39		-122.363	37.716				2050.73417	RS-700	0.560866517
15295	9/3/2019 13:29:40		-122.363	37.716				2073.84576	RS-700	0.675849552
15296	9/3/2019 13:29:41		-122.363	37.716				2058.32373	RS-700	0.598625522
15297	9/3/2019 13:29:42		-122.363	37.716				2079.32807	RS-700	0.703124726
15298	9/3/2019 13:29:43		-122.363	37.716				1944.20813	RS-700	0.030886219
15299	9/3/2019 13:29:44		-122.363	37.716				2110.96591	RS-700	0.860526915
15300	9/3/2019 13:29:45		-122.363	37.716				2039.23362	RS-700	0.503649851
15301	9/3/2019 13:29:46		-122.363	37.716				2044.62994	RS-700	0.530497214
15302	9/3/2019 13:29:47		-122.363	37.716				1980.32157	RS-700	0.210555075
15303	9/3/2019 13:29:48		-122.363	37.716				1987.61339	RS-700	0.246832786
15304	9/3/2019 13:29:49		-122.363	37.716				1957.30919	RS-700	0.096065622
15305	9/3/2019 13:29:50		-122.363	37.716				2053.73545	RS-700	0.575798259
15306	9/3/2019 13:29:51		-122.363	37.716				2007.11711	RS-700	0.343866219
15307	9/3/2019 13:29:52		-122.363	37.716				1988.71644	RS-700	0.252320597
15308	9/3/2019 13:29:53		-122.363	37.716				2020.02181	RS-700	0.408068706
15309	9/3/2019 13:29:54		-122.363	37.716				1999.01528	RS-700	0.303558607
15310	9/3/2019 13:29:55		-122.363	37.716				2117.07755	RS-700	0.890933085

Gamma Scan Survey Results
Survey Unit 5 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
15311	9/3/2019 13:29:56		-122.363	37.716				2012.12146	RS-700	0.368763483
15312	9/3/2019 13:29:57		-122.363	37.7159				2055.84835	RS-700	0.586310199
15313	9/3/2019 13:29:58		-122.363	37.7159				2004.61526	RS-700	0.331419204
15314	9/3/2019 13:29:59		-122.363	37.7159				1995.91602	RS-700	0.288139403
15315	9/3/2019 13:30:00		-122.363	37.7159				2117.65184	RS-700	0.893790249
15316	9/3/2019 13:30:01		-122.363	37.7159				2117.65686	RS-700	0.893815224
15317	9/3/2019 13:30:02		-122.363	37.7159				2133.65119	RS-700	0.973389005
15318	9/3/2019 13:30:03		-122.363	37.7159				2065.0435	RS-700	0.632057214
15319	9/3/2019 13:30:04		-122.363	37.7159				2057.53097	RS-700	0.594681443
15320	9/3/2019 13:30:05		-122.363	37.7159				2052.93946	RS-700	0.571838109
15321	9/3/2019 13:30:06		-122.363	37.7159				2164.88576	RS-700	1.128784876
15322	9/3/2019 13:30:07		-122.363	37.7159				2072.95007	RS-700	0.671393383
15323	9/3/2019 13:30:08		-122.363	37.7159				1982.91165	RS-700	0.223441045
15324	9/3/2019 13:30:09		-122.363	37.7159				2052.83599	RS-700	0.571323333
15325	9/3/2019 13:30:10		-122.363	37.7159				1961.40717	RS-700	0.116453582
15326	9/3/2019 13:30:11		-122.363	37.7159				2098.64696	RS-700	0.799238607
15327	9/3/2019 13:30:12		-122.363	37.7159				2000.0902	RS-700	0.308906468
15328	9/3/2019 13:30:13		-122.363	37.7159				2012.01496	RS-700	0.368233632
15329	9/3/2019 13:30:14		-122.363	37.7159				2096.27409	RS-700	0.787433284
15330	9/3/2019 13:30:15		-122.363	37.7159				2057.63382	RS-700	0.595193134
15331	9/3/2019 13:30:16		-122.363	37.7159				2029.51946	RS-700	0.455320697
15332	9/3/2019 13:30:17		-122.363	37.7159				2061.63554	RS-700	0.615102189
15333	9/3/2019 13:30:18		-122.363	37.7159				1958.28467	RS-700	0.100918756
15334	9/3/2019 13:30:19		-122.363	37.7159				1953.40574	RS-700	0.076645473
15335	9/3/2019 13:30:20		-122.363	37.7159				1961.7038	RS-700	0.117929353
15336	9/3/2019 13:30:21		-122.363	37.7159				1871.77598	RS-700	-0.329472736
15337	9/3/2019 13:30:22		-122.363	37.7158				1934.49991	RS-700	-0.017413383
15338	9/3/2019 13:30:23		-122.363	37.7158				1957.09558	RS-700	0.095002886
15339	9/3/2019 13:30:24		-122.363	37.7158				1856.66474	RS-700	-0.404653035
15340	9/3/2019 13:30:25		-122.363	37.7158				1906.77425	RS-700	-0.15535199
15341	9/3/2019 13:30:26		-122.363	37.7158				1894.67739	RS-700	-0.215535373
15342	9/3/2019 13:30:27		-122.363	37.7158				1776.2585	RS-700	-0.80468408
15343	9/3/2019 13:30:28		-122.362	37.7158				1881.58029	RS-700	-0.280695075
15344	9/3/2019 13:30:29		-122.362	37.7158				1730.7984	RS-700	-1.030853731
15345	9/3/2019 13:30:30		-122.362	37.7158				1802.74303	RS-700	-0.672920249
15346	9/3/2019 13:30:31		-122.362	37.7158				1731.14689	RS-700	-1.02911995
15347	9/3/2019 13:30:32		-122.362	37.7158				1788.37007	RS-700	-0.744427512
15348	9/3/2019 13:30:33		-122.362	37.7158				1752.71565	RS-700	-0.921812687
15349	9/3/2019 13:30:34		-122.362	37.7158				1790.45731	RS-700	-0.734043234
15350	9/3/2019 13:30:35		-122.362	37.7158				1872.86075	RS-700	-0.324075871
15351	9/3/2019 13:30:36		-122.362	37.7158				1965.40473	RS-700	0.13634194
15352	9/3/2019 13:30:37		-122.362	37.7158				1933.88533	RS-700	-0.020470995
15353	9/3/2019 13:30:38		-122.362	37.7158				1964.60496	RS-700	0.132362985
15354	9/3/2019 13:30:39		-122.362	37.7158				2053.04245	RS-700	0.572350498
15355	9/3/2019 13:30:40		-122.362	37.7158				1982.09968	RS-700	0.219401393
15356	9/3/2019 13:30:41		-122.362	37.7158				1951.50039	RS-700	0.067166119
15357	9/3/2019 13:30:42		-122.362	37.7158				2148.117	RS-700	1.045358209
15358	9/3/2019 13:30:43		-122.362	37.7158				2036.732	RS-700	0.49120398
15359	9/3/2019 13:30:44		-122.362	37.7158				2029.72659	RS-700	0.456351194
15360	9/3/2019 13:30:45		-122.362	37.7157				1985.5113	RS-700	0.236374627
15361	9/3/2019 13:30:46		-122.362	37.7157				1944.50272	RS-700	0.032351841
15362	9/3/2019 13:30:47		-122.362	37.7157				1941.69441	RS-700	0.018380149
15363	9/3/2019 13:30:48		-122.362	37.7157				1721.27623	RS-700	-1.078227711
15364	9/3/2019 13:30:49		-122.362	37.7157				1722.41743	RS-700	-1.0725501
15365	9/3/2019 13:30:50		-122.362	37.7157				1659.77073	RS-700	-1.384225224
15366	9/3/2019 13:30:51		-122.362	37.7157				1608.83277	RS-700	-1.63764791
15367	9/3/2019 13:30:52		-122.362	37.7157				1671.25134	RS-700	-1.327107761
15368	9/3/2019 13:30:53		-122.362	37.7157				1824.46297	RS-700	-0.564860846
15369	9/3/2019 13:30:54		-122.362	37.7157				2043.83343	RS-700	0.526534478
15370	9/3/2019 13:30:55		-122.362	37.7157				2068.84085	RS-700	0.650949502
15371	9/3/2019 13:30:56		-122.362	37.7157				1908.77713	RS-700	-0.145387413

Gamma Scan Survey Results
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SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
15372	9/3/2019 13:30:57		-122.362	37.7157				1992.616	RS-700	0.271721393
15373	9/3/2019 13:30:58		-122.362	37.7157				2093.5671	RS-700	0.773965672
15374	9/3/2019 13:30:59		-122.362	37.7157				2157.55936	RS-700	1.092335124
15375	9/3/2019 13:31:00		-122.362	37.7157				2150.77067	RS-700	1.058560547
15376	9/3/2019 13:31:01		-122.362	37.7157				2193.673	RS-700	1.272004975
15377	9/3/2019 13:31:02		-122.362	37.7157				2109.73306	RS-700	0.854393333
15378	9/3/2019 13:31:03		-122.362	37.7157				2057.74061	RS-700	0.595724428
15379	9/3/2019 13:31:04		-122.362	37.7157				1956.89257	RS-700	0.093992886
15380	9/3/2019 13:31:05		-122.362	37.7157				1853.47564	RS-700	-0.420519204
15381	9/3/2019 13:31:06		-122.362	37.7157				1849.7563	RS-700	-0.439023383
15382	9/3/2019 13:31:07		-122.362	37.7157				1912.78564	RS-700	-0.125444577
15383	9/3/2019 13:31:08		-122.362	37.7157				1903.98294	RS-700	-0.169239104
15384	9/3/2019 13:31:09		-122.362	37.7157				2014.82802	RS-700	0.382228955
15385	9/3/2019 13:31:10		-122.362	37.7157				2041.03944	RS-700	0.51263403
15386	9/3/2019 13:31:11		-122.362	37.7157				2044.45843	RS-700	0.52964393
15387	9/3/2019 13:31:12		-122.362	37.7157				2062.9405	RS-700	0.621594527
15388	9/3/2019 13:31:13		-122.362	37.7157				2019.22928	RS-700	0.404125771
15389	9/3/2019 13:31:14		-122.362	37.7157				2076.15794	RS-700	0.687352935
15390	9/3/2019 13:31:15		-122.362	37.7157				2051.93837	RS-700	0.566857562
15391	9/3/2019 13:31:16		-122.362	37.7157				1929.97915	RS-700	-0.039904726
15392	9/3/2019 13:31:17		-122.362	37.7157				2005.83301	RS-700	0.337477662
15393	9/3/2019 13:31:18		-122.362	37.7157				2023.11916	RS-700	0.423478408
15394	9/3/2019 13:31:19		-122.362	37.7157				1985.81094	RS-700	0.237865373
15395	9/3/2019 13:31:20		-122.362	37.7157				1994.81035	RS-700	0.282638557
15396	9/3/2019 13:31:21		-122.362	37.7157				2008.42557	RS-700	0.35037597
15397	9/3/2019 13:31:22		-122.362	37.7157				2061.6348	RS-700	0.615098507
15398	9/3/2019 13:31:23		-122.362	37.7157				2030.72056	RS-700	0.461296318
15399	9/3/2019 13:31:24		-122.362	37.7157				2083.84777	RS-700	0.725610796
15400	9/3/2019 13:31:25		-122.362	37.7157				2094.28268	RS-700	0.777525771
15401	9/3/2019 13:31:26		-122.362	37.7157				2229.02029	RS-700	1.447862139
15402	9/3/2019 13:31:27		-122.362	37.7156				2121.67238	RS-700	0.913792935
15403	9/3/2019 13:31:28		-122.362	37.7156				2211.01174	RS-700	1.358267363
15404	9/3/2019 13:31:29		-122.362	37.7156				2223.57723	RS-700	1.420782239
15405	9/3/2019 13:31:30		-122.362	37.7156				2255.2565	RS-700	1.578390547
15406	9/3/2019 13:31:31		-122.362	37.7156				2254.94259	RS-700	1.576828806
15407	9/3/2019 13:31:32		-122.362	37.7156				2279.47223	RS-700	1.698866816
15408	9/3/2019 13:31:33		-122.362	37.7156				2299.57748	RS-700	1.798892935
15409	9/3/2019 13:31:34		-122.362	37.7156				2314.40676	RS-700	1.872670448
15410	9/3/2019 13:31:35		-122.362	37.7156				2199.24439	RS-700	1.299723333
15411	9/3/2019 13:31:36		-122.362	37.7156				2183.00352	RS-700	1.218922985
15412	9/3/2019 13:31:37		-122.362	37.7156				2140.97449	RS-700	1.009823333
15413	9/3/2019 13:31:38		-122.362	37.7156				2101.54543	RS-700	0.813658856
15414	9/3/2019 13:31:39		-122.362	37.7156				2152.5566	RS-700	1.067445771
15415	9/3/2019 13:31:40		-122.362	37.7156				2121.27201	RS-700	0.911801045
15416	9/3/2019 13:31:41		-122.362	37.7156				2185.99914	RS-700	1.233826567
15417	9/3/2019 13:31:42		-122.362	37.7156				2087.54028	RS-700	0.743981493
15418	9/3/2019 13:31:43		-122.362	37.7156				2012.60796	RS-700	0.371183881
15419	9/3/2019 13:31:44		-122.362	37.7156				2079.75267	RS-700	0.705237164
15420	9/3/2019 13:31:45		-122.362	37.7156				1915.06681	RS-700	-0.114095473
15421	9/3/2019 13:31:46		-122.362	37.7156				1895.58361	RS-700	-0.211026816
15422	9/3/2019 13:31:47		-122.362	37.7156				1963.79717	RS-700	0.128344129
15423	9/3/2019 13:31:48		-122.362	37.7156				1881.76087	RS-700	-0.279796667
15424	9/3/2019 13:31:49		-122.362	37.7156				1892.49643	RS-700	-0.22638592
15425	9/3/2019 13:31:50		-122.362	37.7156				1950.98696	RS-700	0.064611741
15426	9/3/2019 13:31:51		-122.362	37.7156				1910.96993	RS-700	-0.13447796
15427	9/3/2019 13:31:52		-122.362	37.7155				1929.75193	RS-700	-0.041035174
15428	9/3/2019 13:31:53		-122.362	37.7155				2001.72785	RS-700	0.31705398
15429	9/3/2019 13:31:54		-122.362	37.7155				2023.62038	RS-700	0.42597204
15430	9/3/2019 13:31:55		-122.362	37.7155				1643.58171	RS-700	-1.464767612
15431	9/3/2019 13:31:56		-122.362	37.7155				1899.06398	RS-700	-0.193711542
15432	9/3/2019 13:31:57		-122.362	37.7155				1986.61359	RS-700	0.241858657

Gamma Scan Survey Results
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SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
15433	9/3/2019 13:31:58		-122.362	37.7155				1972.1041	RS-700	0.169672139
15434	9/3/2019 13:31:59		-122.362	37.7155				1979.41269	RS-700	0.206033284
15435	9/3/2019 13:32:00		-122.362	37.7155				2062.74258	RS-700	0.620609851
15436	9/3/2019 13:32:01		-122.362	37.7155				1933.08614	RS-700	-0.024447065
15437	9/3/2019 13:32:02		-122.362	37.7155				1964.19618	RS-700	0.130329254
15438	9/3/2019 13:32:03		-122.362	37.7155				1984.62656	RS-700	0.231972935
15439	9/3/2019 13:32:04		-122.362	37.7155				2019.91475	RS-700	0.40753607
15440	9/3/2019 13:32:05		-122.362	37.7155				2022.14352	RS-700	0.418624478
15441	9/3/2019 13:32:06		-122.362	37.7155				1935.40036	RS-700	-0.012933532
15442	9/3/2019 13:32:07		-122.362	37.7155				1957.09663	RS-700	0.095008109
15443	9/3/2019 13:32:08		-122.362	37.7155				1893.66603	RS-700	-0.220567015
15444	9/3/2019 13:32:09		-122.362	37.7155				1877.87793	RS-700	-0.299114776
15445	9/3/2019 13:32:10		-122.362	37.7155				1839.6582	RS-700	-0.489262687
15446	9/3/2019 13:32:11		-122.362	37.7155				1825.74594	RS-700	-0.55847791
15447	9/3/2019 13:32:12		-122.362	37.7155				1774.63761	RS-700	-0.812748209
15448	9/3/2019 13:32:13		-122.362	37.7155				1667.42058	RS-700	-1.346166269
15449	9/3/2019 13:32:14		-122.362	37.7155				1627.41737	RS-700	-1.545187214
15450	9/3/2019 13:32:15		-122.362	37.7154				1650.75777	RS-700	-1.429065821
15451	9/3/2019 13:32:16		-122.362	37.7154				1599.50355	RS-700	-1.68406194
15452	9/3/2019 13:32:17		-122.362	37.7154				1684.33748	RS-700	-1.262002587
15453	9/3/2019 13:32:18		-122.362	37.7154				1778.55609	RS-700	-0.793253284
15454	9/3/2019 13:32:19		-122.362	37.7154				1820.37875	RS-700	-0.585180348
15455	9/3/2019 13:32:20		-122.362	37.7154				1927.87769	RS-700	-0.050359751
15456	9/3/2019 13:32:21		-122.362	37.7154				1965.50065	RS-700	0.136819154
15457	9/3/2019 13:32:22		-122.362	37.7154				2042.41866	RS-700	0.519495821
15458	9/3/2019 13:32:23		-122.362	37.7154				1945.89841	RS-700	0.039295572
15459	9/3/2019 13:32:24		-122.362	37.7154				1979.70999	RS-700	0.207512388
15460	9/3/2019 13:32:25		-122.362	37.7154				2043.72432	RS-700	0.525991642
15461	9/3/2019 13:32:26		-122.362	37.7154				2009.5294	RS-700	0.355867662
15462	9/3/2019 13:32:27		-122.362	37.7154				1991.9258	RS-700	0.268287562
15463	9/3/2019 13:32:28		-122.362	37.7154				1977.90043	RS-700	0.198509602
15464	9/3/2019 13:32:29		-122.362	37.7154				2075.27649	RS-700	0.682967612
15465	9/3/2019 13:32:30		-122.362	37.7154				1968.3906	RS-700	0.151197015
15466	9/3/2019 13:32:31		-122.362	37.7154				1978.41465	RS-700	0.20106791
15467	9/3/2019 13:32:32		-122.362	37.7154				1957.10068	RS-700	0.095028259
15468	9/3/2019 13:32:33		-122.362	37.7154				2000.41485	RS-700	0.310521642
15469	9/3/2019 13:32:34		-122.362	37.7154				1863.47833	RS-700	-0.370754577
15470	9/3/2019 13:32:35		-122.362	37.7154				1932.52307	RS-700	-0.027248408
15471	9/3/2019 13:32:36		-122.362	37.7154				1986.70455	RS-700	0.242311194
15472	9/3/2019 13:32:37		-122.362	37.7154				1903.29939	RS-700	-0.172639851
15473	9/3/2019 13:32:38		-122.362	37.7154				1996.41426	RS-700	0.290618209
15474	9/3/2019 13:32:39		-122.362	37.7154				1858.94551	RS-700	-0.39330592
15475	9/3/2019 13:32:40		-122.362	37.7154				1844.75397	RS-700	-0.463910597
15476	9/3/2019 13:32:41		-122.362	37.7154				1866.47375	RS-700	-0.35585199
15477	9/3/2019 13:32:42		-122.362	37.7154				1897.87321	RS-700	-0.199635771
15478	9/3/2019 13:32:43		-122.362	37.7154				1973.40989	RS-700	0.176168607
15479	9/3/2019 13:32:44		-122.362	37.7154				1918.59051	RS-700	-0.096564627
15480	9/3/2019 13:32:45		-122.362	37.7154				2068.27958	RS-700	0.648157114
15481	9/3/2019 13:32:46		-122.362	37.7154				2065.84428	RS-700	0.636041194
15482	9/3/2019 13:32:47		-122.362	37.7154				2004.01638	RS-700	0.328439701
15483	9/3/2019 13:32:48		-122.362	37.7154				2006.528	RS-700	0.340935323
15484	9/3/2019 13:32:49		-122.362	37.7154				2068.5365	RS-700	0.649435323
15485	9/3/2019 13:32:50		-122.362	37.7154				1932.8833	RS-700	-0.025456219
15486	9/3/2019 13:32:51		-122.362	37.7154				1953.38109	RS-700	0.076522836
15487	9/3/2019 13:32:52		-122.362	37.7154				1945.5044	RS-700	0.037335323
15488	9/3/2019 13:32:53		-122.362	37.7154				1961.40782	RS-700	0.116456816
15489	9/3/2019 13:32:54		-122.362	37.7154				1816.38034	RS-700	-0.605072935
15490	9/3/2019 13:32:55		-122.362	37.7154				1833.39414	RS-700	-0.520427164
15491	9/3/2019 13:32:56		-122.362	37.7154				1921.30248	RS-700	-0.083072239
15492	9/3/2019 13:32:57		-122.362	37.7154				1947.59838	RS-700	0.047753134
15493	9/3/2019 13:32:58		-122.362	37.7153				1875.58007	RS-700	-0.310546915

Gamma Scan Survey Results
Survey Unit 5 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
15494	9/3/2019 13:32:59		-122.362	37.7153				1844.39243	RS-700	-0.465709303
15495	9/3/2019 13:33:00		-122.362	37.7153				1842.55821	RS-700	-0.474834776
15496	9/3/2019 13:33:01		-122.362	37.7153				1917.78857	RS-700	-0.100554378
15497	9/3/2019 13:33:02		-122.362	37.7153				1965.19797	RS-700	0.135313284
15498	9/3/2019 13:33:03		-122.362	37.7153				1915.394	RS-700	-0.112467662
15499	9/3/2019 13:33:04		-122.362	37.7153				2099.95695	RS-700	0.80575597
15500	9/3/2019 13:33:05		-122.362	37.7153				2029.82386	RS-700	0.456835124
15501	9/3/2019 13:33:06		-122.362	37.7153				2031.72753	RS-700	0.466306119
15502	9/3/2019 13:33:07		-122.362	37.7153				1977.29963	RS-700	0.195520547
15503	9/3/2019 13:33:08		-122.362	37.7153				1818.92171	RS-700	-0.592429303
15504	9/3/2019 13:33:09		-122.362	37.7153				1855.5713	RS-700	-0.410093035
15505	9/3/2019 13:33:10		-122.362	37.7153				1842.57671	RS-700	-0.474742736
15506	9/3/2019 13:33:11		-122.362	37.7153				1835.65317	RS-700	-0.509188209
15507	9/3/2019 13:33:12		-122.362	37.7153				1776.29071	RS-700	-0.804523831
15508	9/3/2019 13:33:13		-122.362	37.7153				1823.65572	RS-700	-0.568877015
15509	9/3/2019 13:33:14		-122.362	37.7153				1918.39807	RS-700	-0.09752204
15510	9/3/2019 13:33:15		-122.362	37.7153				1815.47484	RS-700	-0.60957791
15511	9/3/2019 13:33:16		-122.362	37.7153				1863.66577	RS-700	-0.36982204
15512	9/3/2019 13:33:17		-122.362	37.7153				1895.7736	RS-700	-0.210081592
15513	9/3/2019 13:33:18		-122.362	37.7153				1879.67561	RS-700	-0.290171095
15514	9/3/2019 13:33:19		-122.362	37.7153				1871.2946	RS-700	-0.331867662
15515	9/3/2019 13:33:20		-122.362	37.7153				1885.20177	RS-700	-0.262677761
15516	9/3/2019 13:33:21		-122.362	37.7153				1851.75579	RS-700	-0.429075672
15517	9/3/2019 13:33:22		-122.361	37.7152				1858.76918	RS-700	-0.394183184
15518	9/3/2019 13:33:23		-122.361	37.7152				1894.67808	RS-700	-0.21553194
15519	9/3/2019 13:33:24		-122.361	37.7152				1912.3968	RS-700	-0.127379104
15520	9/3/2019 13:33:25		-122.361	37.7152				1907.15208	RS-700	-0.153472239
15521	9/3/2019 13:33:26		-122.361	37.7152				1934.49156	RS-700	-0.017454925
15522	9/3/2019 13:33:27		-122.361	37.7152				1853.57082	RS-700	-0.420045672
15523	9/3/2019 13:33:28		-122.361	37.7152				1836.57361	RS-700	-0.504608905
15524	9/3/2019 13:33:29		-122.361	37.7152				1864.8466	RS-700	-0.363947264
15525	9/3/2019 13:33:30		-122.361	37.7152				1766.18472	RS-700	-0.854802388
15526	9/3/2019 13:33:31		-122.361	37.7152				1808.00429	RS-700	-0.646744826
15527	9/3/2019 13:33:32		-122.361	37.7152				1759.36472	RS-700	-0.888732736
15528	9/3/2019 13:33:33		-122.361	37.7152				1786.1931	RS-700	-0.755258209
15529	9/3/2019 13:33:34		-122.361	37.7152				1796.90006	RS-700	-0.701989751
15530	9/3/2019 13:33:35		-122.361	37.7152				1831.6575	RS-700	-0.529067164
15531	9/3/2019 13:33:36		-122.361	37.7152				1860.66464	RS-700	-0.384753035
15532	9/3/2019 13:33:37		-122.361	37.7152				1995.91825	RS-700	0.288150498
15533	9/3/2019 13:33:38		-122.361	37.7152				1936.67561	RS-700	-0.006589005
15534	9/3/2019 13:33:39		-122.361	37.7152				1978.6109	RS-700	0.202044279
15535	9/3/2019 13:33:40		-122.361	37.7152				1927.48495	RS-700	-0.052313682
15536	9/3/2019 13:33:41		-122.361	37.7152				1831.475	RS-700	-0.529975124
15537	9/3/2019 13:33:42		-122.361	37.7152				1737.3602	RS-700	-0.99820796
15538	9/3/2019 13:33:43		-122.361	37.7152				1532.47471	RS-700	-2.017538756
15539	9/3/2019 13:33:44		-122.361	37.7152				1591.08177	RS-700	-1.725961343
15540	9/3/2019 13:33:45		-122.361	37.7152				1935.99067	RS-700	-0.009996667
15541	9/3/2019 13:33:46		-122.361	37.7151				1925.49777	RS-700	-0.062200149
15542	9/3/2019 13:33:47		-122.361	37.7151				1885.74309	RS-700	-0.259984627
15543	9/3/2019 13:33:48		-122.361	37.7151				1866.38693	RS-700	-0.35628393
15544	9/3/2019 13:33:49		-122.361	37.7151				1826.11115	RS-700	-0.556660945
15545	9/3/2019 13:33:50		-122.361	37.7151				1811.28941	RS-700	-0.630400945
15546	9/3/2019 13:33:51		-122.361	37.7151				1730.1851	RS-700	-1.033904975
15547	9/3/2019 13:33:52		-122.361	37.7151				1757.45451	RS-700	-0.898236269
15548	9/3/2019 13:33:53		-122.361	37.7151				1897.84955	RS-700	-0.199753483
15549	9/3/2019 13:33:54		-122.361	37.7151				1959.08771	RS-700	0.10491398
15550	9/3/2019 13:33:55		-122.361	37.7151				1952.88668	RS-700	0.074063085
15551	9/3/2019 13:33:56		-122.361	37.7151				1906.59172	RS-700	-0.1562601
15552	9/3/2019 13:33:57		-122.361	37.7151				1939.60627	RS-700	0.007991393
15553	9/3/2019 13:33:58		-122.361	37.7151				1943.59676	RS-700	0.027844577
15554	9/3/2019 13:33:59		-122.361	37.7151				1950.3105	RS-700	0.061246269

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SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
15555	9/3/2019 13:34:00		-122.361	37.7151				1952.9922	RS-700	0.07458806
15556	9/3/2019 13:34:01		-122.361	37.7151				1958.89717	RS-700	0.10396602
15557	9/3/2019 13:34:02		-122.361	37.7151				1963.50669	RS-700	0.126898955
15558	9/3/2019 13:34:03		-122.361	37.7151				1900.49078	RS-700	-0.186613035
15559	9/3/2019 13:34:04		-122.361	37.7151				1873.7681	RS-700	-0.319561692
15560	9/3/2019 13:34:05		-122.361	37.7151				1927.30124	RS-700	-0.053227662
15561	9/3/2019 13:34:06		-122.361	37.7151				1948.47416	RS-700	0.052110249
15562	9/3/2019 13:34:07		-122.361	37.7151				1913.87205	RS-700	-0.120039552
15563	9/3/2019 13:34:08		-122.361	37.7151				1982.11402	RS-700	0.219472736
15564	9/3/2019 13:34:09		-122.361	37.7151				2000.61692	RS-700	0.311526965
15565	9/3/2019 13:34:10		-122.361	37.7151				1966.81234	RS-700	0.143344975
15566	9/3/2019 13:34:11		-122.361	37.7151				1963.21383	RS-700	0.12544194
15567	9/3/2019 13:34:12		-122.361	37.7151				1961.71528	RS-700	0.117986468
15568	9/3/2019 13:34:13		-122.361	37.7151				2022.34761	RS-700	0.419639851
15569	9/3/2019 13:34:14		-122.361	37.7151				1996.91077	RS-700	0.293088408
15570	9/3/2019 13:34:15		-122.361	37.7151				1888.39353	RS-700	-0.246798358
15571	9/3/2019 13:34:16		-122.361	37.7151				1883.86139	RS-700	-0.269346318
15572	9/3/2019 13:34:17		-122.361	37.7151				1909.30301	RS-700	-0.142771095
15573	9/3/2019 13:34:18		-122.361	37.7151				1918.58967	RS-700	-0.096568806
15574	9/3/2019 13:34:19		-122.361	37.7151				2008.72413	RS-700	0.351861343
15575	9/3/2019 13:34:20		-122.361	37.7151				1886.49841	RS-700	-0.256226816
15576	9/3/2019 13:34:21		-122.361	37.7151				1949.08404	RS-700	0.055144478
15577	9/3/2019 13:34:22		-122.361	37.7151				1949.29871	RS-700	0.056212488
15578	9/3/2019 13:34:23		-122.361	37.7151				1878.49041	RS-700	-0.296067612
15579	9/3/2019 13:34:24		-122.361	37.7151				1959.50453	RS-700	0.106987711
15580	9/3/2019 13:34:25		-122.361	37.7151				1880.84921	RS-700	-0.284332289
15581	9/3/2019 13:34:26		-122.361	37.715				1903.48916	RS-700	-0.171695721
15582	9/3/2019 13:34:27		-122.361	37.715				1979.71382	RS-700	0.207531443
15583	9/3/2019 13:34:28		-122.361	37.715				1888.48348	RS-700	-0.246350846
15584	9/3/2019 13:34:29		-122.361	37.715				1942.18075	RS-700	0.020799751
15585	9/3/2019 13:34:30		-122.361	37.715				1880.76202	RS-700	-0.28476607
15586	9/3/2019 13:34:31		-122.361	37.715				1901.58154	RS-700	-0.181186368
15587	9/3/2019 13:34:32		-122.361	37.715				1948.3066	RS-700	0.051276617
15588	9/3/2019 13:34:33		-122.361	37.715				1810.56277	RS-700	-0.63401607
15589	9/3/2019 13:34:34		-122.361	37.715				1794.28374	RS-700	-0.715006269
15590	9/3/2019 13:34:35		-122.361	37.715				1836.92371	RS-700	-0.502867114
15591	9/3/2019 13:34:36		-122.361	37.715				1951.89771	RS-700	0.069142836
15592	9/3/2019 13:34:37		-122.361	37.715				2028.03656	RS-700	0.447943085
15593	9/3/2019 13:34:38		-122.361	37.715				2043.04422	RS-700	0.52260806
15594	9/3/2019 13:34:39		-122.361	37.715				2006.61998	RS-700	0.341392935
15595	9/3/2019 13:34:40		-122.361	37.715				1910.58874	RS-700	-0.136374428
15596	9/3/2019 13:34:41		-122.361	37.715				1921.46539	RS-700	-0.082261741
15597	9/3/2019 13:34:42		-122.361	37.715				1875.76511	RS-700	-0.309626318
15598	9/3/2019 13:34:43		-122.361	37.715				1923.78598	RS-700	-0.070716517
15599	9/3/2019 13:34:44		-122.361	37.715				1829.92842	RS-700	-0.537669552
15600	9/3/2019 13:34:45		-122.361	37.715				1799.73383	RS-700	-0.687891393
15601	9/3/2019 13:34:46		-122.361	37.715				1827.56237	RS-700	-0.549440945
15602	9/3/2019 13:34:47		-122.361	37.715				1843.02537	RS-700	-0.472510597
15603	9/3/2019 13:34:48		-122.361	37.715				1726.79184	RS-700	-1.050786866
15604	9/3/2019 13:34:49		-122.361	37.715				1504.16696	RS-700	-2.158373333
15605	9/3/2019 13:34:50		-122.361	37.7149				1071.0623	RS-700	-4.313122886
15606	9/3/2019 13:34:51		-122.361	37.7149				1450.2382	RS-700	-2.426675622
15607	9/3/2019 13:34:52		-122.361	37.7149				1747.62961	RS-700	-0.947116368
15608	9/3/2019 13:34:53		-122.361	37.7149				1846.56517	RS-700	-0.454899652
15609	9/3/2019 13:34:54		-122.361	37.7149				1911.67861	RS-700	-0.130952189
15610	9/3/2019 13:34:55		-122.361	37.7149				1872.85781	RS-700	-0.324090498
15611	9/3/2019 13:34:56		-122.361	37.7149				1835.00862	RS-700	-0.512394925
15612	9/3/2019 13:34:57		-122.361	37.7149				1891.86678	RS-700	-0.229518507
15613	9/3/2019 13:34:58		-122.361	37.7149				1915.68074	RS-700	-0.111041095
15614	9/3/2019 13:34:59		-122.361	37.7149				1886.95568	RS-700	-0.253951841
15615	9/3/2019 13:35:00		-122.361	37.7149				1856.5716	RS-700	-0.405116418

Gamma Scan Survey Results
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SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
15616	9/3/2019 13:35:01		-122.361	37.7149				1856.38614	RS-700	-0.406039104
15617	9/3/2019 13:35:02		-122.361	37.7149				1961.60209	RS-700	0.117423333
15618	9/3/2019 13:35:03		-122.361	37.7149				2010.52198	RS-700	0.360805871
15619	9/3/2019 13:35:04		-122.361	37.7149				2003.31123	RS-700	0.324931493
15620	9/3/2019 13:35:05		-122.361	37.7149				1902.49208	RS-700	-0.176656318
15621	9/3/2019 13:35:06		-122.361	37.7149				1790.46844	RS-700	-0.733987861
15622	9/3/2019 13:35:07		-122.361	37.7149				1747.19903	RS-700	-0.949258557
15623	9/3/2019 13:35:08		-122.361	37.7149				1679.57351	RS-700	-1.28570393
15624	9/3/2019 13:35:09		-122.361	37.7149				1705.94351	RS-700	-1.154509901
15625	9/3/2019 13:35:10		-122.361	37.7149				1857.75103	RS-700	-0.399248607
15626	9/3/2019 13:35:11		-122.361	37.7149				1892.76346	RS-700	-0.225057413
15627	9/3/2019 13:35:12		-122.361	37.7148				1861.37512	RS-700	-0.381218308
15628	9/3/2019 13:35:13		-122.361	37.7148				1995.11424	RS-700	0.284150448
15629	9/3/2019 13:35:14		-122.361	37.7148				1910.68209	RS-700	-0.13591
15630	9/3/2019 13:35:15		-122.361	37.7148				1921.68604	RS-700	-0.08116398
15631	9/3/2019 13:35:16		-122.361	37.7148				1929.172	RS-700	-0.043920398
15632	9/3/2019 13:35:17		-122.361	37.7148				1950.8241	RS-700	0.063801493
15633	9/3/2019 13:35:18		-122.361	37.7148				1952.40504	RS-700	0.071666866
15634	9/3/2019 13:35:19		-122.361	37.7148				2000.6197	RS-700	0.311540796
15635	9/3/2019 13:35:20		-122.361	37.7148				1996.61351	RS-700	0.291609502
15636	9/3/2019 13:35:21		-122.361	37.7148				1943.61849	RS-700	0.027952687
15637	9/3/2019 13:35:22		-122.361	37.7148				1999.61515	RS-700	0.306543035
15638	9/3/2019 13:35:23		-122.361	37.7148				1882.39173	RS-700	-0.27665806
15639	9/3/2019 13:35:24		-122.361	37.7148				1889.05177	RS-700	-0.243523532
15640	9/3/2019 13:35:25		-122.361	37.7148				1949.20634	RS-700	0.055752935
15641	9/3/2019 13:35:26		-122.361	37.7148				1993.02401	RS-700	0.273751294
15642	9/3/2019 13:35:27		-122.361	37.7148				1936.6986	RS-700	-0.006474627
15643	9/3/2019 13:35:28		-122.361	37.7148				1954.7951	RS-700	0.083557711
15644	9/3/2019 13:35:29		-122.361	37.7148				1934.69156	RS-700	-0.0164599
15645	9/3/2019 13:35:30		-122.361	37.7148				2085.74062	RS-700	0.73502796
15646	9/3/2019 13:35:31		-122.361	37.7148				1950.50113	RS-700	0.062194677
15647	9/3/2019 13:35:32		-122.361	37.7148				2040.13355	RS-700	0.508127114
15648	9/3/2019 13:35:33		-122.361	37.7148				2000.50258	RS-700	0.310958109
15649	9/3/2019 13:35:34		-122.361	37.7148				2091.96134	RS-700	0.765976816
15650	9/3/2019 13:35:35		-122.361	37.7148				1984.01479	RS-700	0.228929303
15651	9/3/2019 13:35:36		-122.361	37.7148				2008.72402	RS-700	0.351860796
15652	9/3/2019 13:35:37		-122.361	37.7148				1994.81398	RS-700	0.282656617
15653	9/3/2019 13:35:38		-122.361	37.7148				2118.38963	RS-700	0.897460846
15654	9/3/2019 13:35:39		-122.361	37.7148				2014.62111	RS-700	0.381199552
15655	9/3/2019 13:35:40		-122.361	37.7148				1956.50199	RS-700	0.092049701
15656	9/3/2019 13:35:41		-122.361	37.7148				1945.17927	RS-700	0.035717761
15657	9/3/2019 13:35:42		-122.361	37.7148				1950.88984	RS-700	0.064128557
15658	9/3/2019 13:35:43		-122.361	37.7148				1958.80667	RS-700	0.103515771
15659	9/3/2019 13:35:44		-122.361	37.7148				1964.32895	RS-700	0.130989801
15660	9/3/2019 13:35:45		-122.361	37.7148				1890.67675	RS-700	-0.235439055
15661	9/3/2019 13:35:46		-122.361	37.7148				1920.78804	RS-700	-0.085631642
15662	9/3/2019 13:35:47		-122.361	37.7148				1889.39402	RS-700	-0.241820796
15663	9/3/2019 13:35:48		-122.361	37.7148				1931.07005	RS-700	-0.034477363
15664	9/3/2019 13:35:49		-122.361	37.7148				1909.96877	RS-700	-0.139458856
15665	9/3/2019 13:35:50		-122.361	37.7147				1895.57776	RS-700	-0.21105592
15666	9/3/2019 13:35:51		-122.361	37.7147				1937.60022	RS-700	-0.001988955
15667	9/3/2019 13:35:52		-122.361	37.7147				1863.3867	RS-700	-0.371210448
15668	9/3/2019 13:35:53		-122.361	37.7147				1935.70152	RS-700	-0.011435224
15669	9/3/2019 13:35:54		-122.361	37.7147				1908.59373	RS-700	-0.146299851
15670	9/3/2019 13:35:55		-122.361	37.7147				1939.69793	RS-700	0.008447413
15671	9/3/2019 13:35:56		-122.361	37.7147				1895.58461	RS-700	-0.211021841
15672	9/3/2019 13:35:57		-122.361	37.7147				1894.48662	RS-700	-0.216484478
15673	9/3/2019 13:35:58		-122.361	37.7147				1984.80307	RS-700	0.232851095
15674	9/3/2019 13:35:59		-122.361	37.7147				1924.40593	RS-700	-0.067632189
15675	9/3/2019 13:36:00		-122.361	37.7147				1909.96975	RS-700	-0.13945398
15676	9/3/2019 13:36:01		-122.361	37.7147				1881.6773	RS-700	-0.280212438

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SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
15677	9/3/2019 13:36:02		-122.361	37.7147				2029.12815	RS-700	0.453373881
15678	9/3/2019 13:36:03		-122.361	37.7147				1920.88094	RS-700	-0.085169453
15679	9/3/2019 13:36:04		-122.361	37.7147				1912.77928	RS-700	-0.125476219
15680	9/3/2019 13:36:05		-122.361	37.7147				1895.29984	RS-700	-0.212438607
15681	9/3/2019 13:36:06		-122.361	37.7147				1924.7009	RS-700	-0.066164677
15682	9/3/2019 13:36:07		-122.361	37.7147				1985.51788	RS-700	0.236407363
15683	9/3/2019 13:36:08		-122.361	37.7147				1930.40062	RS-700	-0.037807861
15684	9/3/2019 13:36:09		-122.36	37.7147				1921.59926	RS-700	-0.081595721
15685	9/3/2019 13:36:10		-122.36	37.7147				2021.51929	RS-700	0.415518856
15686	9/3/2019 13:36:11		-122.36	37.7147				1930.58499	RS-700	-0.036890597
15687	9/3/2019 13:36:12		-122.36	37.7147				1903.49322	RS-700	-0.171675522
15688	9/3/2019 13:36:13		-122.36	37.7146				1960.90007	RS-700	0.113930697
15689	9/3/2019 13:36:14		-122.36	37.7146				1880.76481	RS-700	-0.284752189
15690	9/3/2019 13:36:15		-122.36	37.7146				1891.77273	RS-700	-0.229986418
15691	9/3/2019 13:36:16		-122.36	37.7146				1918.4961	RS-700	-0.097034328
15692	9/3/2019 13:36:17		-122.36	37.7146				1922.88519	RS-700	-0.07519806
15693	9/3/2019 13:36:18		-122.36	37.7146				1858.77053	RS-700	-0.394176468
15694	9/3/2019 13:36:19		-122.36	37.7146				1894.26328	RS-700	-0.217595622
15695	9/3/2019 13:36:20		-122.36	37.7146				1918.30553	RS-700	-0.097982438
15696	9/3/2019 13:36:21		-122.36	37.7146				1866.2914	RS-700	-0.356759204
15697	9/3/2019 13:36:22		-122.36	37.7146				1867.57577	RS-700	-0.350369303
15698	9/3/2019 13:36:23		-122.36	37.7146				1880.485	RS-700	-0.286144279
15699	9/3/2019 13:36:24		-122.36	37.7146				1866.66587	RS-700	-0.354896169
15700	9/3/2019 13:36:25		-122.36	37.7146				1971.31306	RS-700	0.165736617
15701	9/3/2019 13:36:26		-122.36	37.7146				1926.39807	RS-700	-0.057721045
15702	9/3/2019 13:36:27		-122.36	37.7146				1919.88112	RS-700	-0.090143682
15703	9/3/2019 13:36:28		-122.36	37.7146				1826.37857	RS-700	-0.555330498
15704	9/3/2019 13:36:29		-122.36	37.7146				1865.76123	RS-700	-0.359396866
15705	9/3/2019 13:36:30		-122.36	37.7146				1943.08432	RS-700	0.025295124
15706	9/3/2019 13:36:31		-122.36	37.7146				1937.09735	RS-700	-0.004490796
15707	9/3/2019 13:36:32		-122.36	37.7146				1862.66823	RS-700	-0.374784925
15708	9/3/2019 13:36:33		-122.36	37.7146				1843.84352	RS-700	-0.468440199
15709	9/3/2019 13:36:34		-122.36	37.7146				1878.57768	RS-700	-0.295633433
15710	9/3/2019 13:36:35		-122.36	37.7146				1871.23116	RS-700	-0.332183284
15711	9/3/2019 13:36:36		-122.36	37.7145				1879.29786	RS-700	-0.292050448
15712	9/3/2019 13:36:37		-122.36	37.7145				1827.64969	RS-700	-0.549006517
15713	9/3/2019 13:36:38		-122.36	37.7145				1906.87575	RS-700	-0.154847015
15714	9/3/2019 13:36:39		-122.36	37.7145				1871.13709	RS-700	-0.332651294
15715	9/3/2019 13:36:40		-122.36	37.7145				1851.29206	RS-700	-0.431382786
15716	9/3/2019 13:36:41		-122.36	37.7145				1872.5776	RS-700	-0.325484577
15717	9/3/2019 13:36:42		-122.36	37.7145				1832.92885	RS-700	-0.52274204
15718	9/3/2019 13:36:43		-122.36	37.7145				1801.55549	RS-700	-0.678828408
15719	9/3/2019 13:36:44		-122.36	37.7145				1912.58881	RS-700	-0.126423831
15720	9/3/2019 13:36:45		-122.36	37.7145				1822.83411	RS-700	-0.572964627
15721	9/3/2019 13:36:46		-122.36	37.7145				1930.96912	RS-700	-0.034979502
15722	9/3/2019 13:36:47		-122.36	37.7145				1862.02913	RS-700	-0.377964527
15723	9/3/2019 13:36:48		-122.36	37.7145				1909.87202	RS-700	-0.139940199
15724	9/3/2019 13:36:49		-122.36	37.7145				1913.87705	RS-700	-0.120014677
15725	9/3/2019 13:36:50		-122.36	37.7145				1917.18736	RS-700	-0.103545473
15726	9/3/2019 13:36:51		-122.36	37.7145				1835.83601	RS-700	-0.508278557
15727	9/3/2019 13:36:52		-122.36	37.7145				1851.95303	RS-700	-0.428094378
15728	9/3/2019 13:36:53		-122.36	37.7145				1868.5762	RS-700	-0.34539204
15729	9/3/2019 13:36:54		-122.36	37.7145				1839.55985	RS-700	-0.48975199
15730	9/3/2019 13:36:55		-122.36	37.7145				1839.64097	RS-700	-0.489348408
15731	9/3/2019 13:36:56		-122.36	37.7145				1794.80991	RS-700	-0.712388507
15732	9/3/2019 13:36:57		-122.36	37.7145				1843.38112	RS-700	-0.470740697
15733	9/3/2019 13:36:58		-122.36	37.7145				1774.27401	RS-700	-0.814557164
15734	9/3/2019 13:36:59		-122.36	37.7145				1955.4058	RS-700	0.08659602
15735	9/3/2019 13:37:00		-122.36	37.7145				1933.07587	RS-700	-0.024498159
15736	9/3/2019 13:37:01		-122.36	37.7145				1904.15676	RS-700	-0.168374328
15737	9/3/2019 13:37:02		-122.36	37.7145				1871.57606	RS-700	-0.330467363

Gamma Scan Survey Results
Survey Unit 5 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
15738	9/3/2019 13:37:03		-122.36	37.7145				1824.65253	RS-700	-0.563917761
15739	9/3/2019 13:37:04		-122.36	37.7145				1961.09383	RS-700	0.114894677
15740	9/3/2019 13:37:05		-122.36	37.7145				1864.77762	RS-700	-0.364290448
15741	9/3/2019 13:37:06		-122.36	37.7145				1938.98411	RS-700	0.00489607
15742	9/3/2019 13:37:07		-122.36	37.7145				1824.65505	RS-700	-0.563905224
15743	9/3/2019 13:37:08		-122.36	37.7145				1923.3958	RS-700	-0.072657711
15744	9/3/2019 13:37:09		-122.36	37.7145				1888.48931	RS-700	-0.246321841
15745	9/3/2019 13:37:10		-122.36	37.7145				1872.04204	RS-700	-0.328149055
15746	9/3/2019 13:37:11		-122.36	37.7145				1936.59624	RS-700	-0.006983881
15747	9/3/2019 13:37:12		-122.36	37.7145				1879.66503	RS-700	-0.290223731
15748	9/3/2019 13:37:13		-122.36	37.7145				1848.38457	RS-700	-0.44584791
15749	9/3/2019 13:37:14		-122.36	37.7145				1883.68009	RS-700	-0.270248308
15750	9/3/2019 13:37:15		-122.36	37.7145				1930.9807	RS-700	-0.034921891
15751	9/3/2019 13:37:16		-122.36	37.7145				1869.04984	RS-700	-0.343035622
15752	9/3/2019 13:37:17		-122.36	37.7145				1913.05905	RS-700	-0.124084328
15753	9/3/2019 13:37:18		-122.36	37.7144				1841.11205	RS-700	-0.482029602
15754	9/3/2019 13:37:19		-122.36	37.7144				1789.27847	RS-700	-0.739908109
15755	9/3/2019 13:37:20		-122.36	37.7144				1749.05938	RS-700	-0.940003085
15756	9/3/2019 13:37:21		-122.36	37.7144				1784.46878	RS-700	-0.763836915
15757	9/3/2019 13:37:22		-122.36	37.7144				1758.62925	RS-700	-0.892391791
15758	9/3/2019 13:37:23		-122.36	37.7144				1717.61896	RS-700	-1.096423085
15759	9/3/2019 13:37:24		-122.36	37.7144				1869.5731	RS-700	-0.340432338
15760	9/3/2019 13:37:25		-122.36	37.7144				1831.5652	RS-700	-0.529526368
15761	9/3/2019 13:37:26		-122.36	37.7144				1792.55214	RS-700	-0.723621194
15762	9/3/2019 13:37:27		-122.36	37.7144				1845.47838	RS-700	-0.460306567
15763	9/3/2019 13:37:28		-122.36	37.7144				1860.5731	RS-700	-0.385208458
15764	9/3/2019 13:37:29		-122.36	37.7144				1769.71746	RS-700	-0.837226567
15765	9/3/2019 13:37:30		-122.36	37.7144				1772.63324	RS-700	-0.822720199
15766	9/3/2019 13:37:31		-122.36	37.7144				1821.38291	RS-700	-0.580184527
15767	9/3/2019 13:37:32		-122.36	37.7144				1749.71946	RS-700	-0.936719104
15768	9/3/2019 13:37:33		-122.36	37.7144				1702.78502	RS-700	-1.170223781
15769	9/3/2019 13:37:34		-122.36	37.7144				1831.74848	RS-700	-0.528614527
15770	9/3/2019 13:37:35		-122.36	37.7144				1740.71016	RS-700	-0.981541493
15771	9/3/2019 13:37:36		-122.36	37.7144				1735.79742	RS-700	-1.005982985
15772	9/3/2019 13:37:37		-122.36	37.7144				1743.64449	RS-700	-0.966942836
15773	9/3/2019 13:37:38		-122.36	37.7144				1841.84803	RS-700	-0.47836801
15774	9/3/2019 13:37:39		-122.36	37.7144				1787.00138	RS-700	-0.751236915
15775	9/3/2019 13:37:40		-122.36	37.7144				1775.38066	RS-700	-0.809051443
15776	9/3/2019 13:37:41		-122.36	37.7144				1700.45195	RS-700	-1.181831095
15777	9/3/2019 13:37:42		-122.36	37.7144				1782.72712	RS-700	-0.772501891
15778	9/3/2019 13:37:43		-122.36	37.7144				1848.47485	RS-700	-0.445398756
15779	9/3/2019 13:37:44		-122.36	37.7144				1760.63061	RS-700	-0.882434776
15780	9/3/2019 13:37:45		-122.36	37.7144				1727.26783	RS-700	-1.048418756
15781	9/3/2019 13:37:46		-122.36	37.7144				1760.89716	RS-700	-0.881108657
15782	9/3/2019 13:37:47		-122.36	37.7144				1755.71731	RS-700	-0.906879055
15783	9/3/2019 13:37:48		-122.36	37.7144				1744.27101	RS-700	-0.963825821
15784	9/3/2019 13:37:49		-122.36	37.7144				1782.7353	RS-700	-0.772461194
15785	9/3/2019 13:37:50		-122.36	37.7144				1785.55964	RS-700	-0.758409751
15786	9/3/2019 13:37:51		-122.36	37.7144				1772.54597	RS-700	-0.823154378
15787	9/3/2019 13:37:52		-122.36	37.7144				1741.6214	RS-700	-0.97700796
15788	9/3/2019 13:37:53		-122.36	37.7144				1780.73605	RS-700	-0.782407711
15789	9/3/2019 13:37:54		-122.36	37.7144				1732.35372	RS-700	-1.023115821
15790	9/3/2019 13:37:55		-122.36	37.7144				1813.73833	RS-700	-0.618217264
15791	9/3/2019 13:37:56		-122.36	37.7144				1785.5516	RS-700	-0.758449751
15792	9/3/2019 13:37:57		-122.36	37.7144				1710.3555	RS-700	-1.132559701
15793	9/3/2019 13:37:58		-122.36	37.7144				1746.79661	RS-700	-0.951260647
15794	9/3/2019 13:37:59		-122.36	37.7144				1801.4693	RS-700	-0.679257214
15795	9/3/2019 13:38:00		-122.36	37.7144				1836.7492	RS-700	-0.503735323
15796	9/3/2019 13:38:01		-122.36	37.7144				1731.35768	RS-700	-1.028071244
15797	9/3/2019 13:38:02		-122.36	37.7144				1820.9247	RS-700	-0.582464179
15798	9/3/2019 13:38:03		-122.36	37.7144				1772.90108	RS-700	-0.821387662

Gamma Scan Survey Results
Survey Unit 5 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
15799	9/3/2019 13:38:04		-122.36	37.7144				1753.71286	RS-700	-0.916851443
15800	9/3/2019 13:38:05		-122.36	37.7144				1777.81248	RS-700	-0.796952836
15801	9/3/2019 13:38:06		-122.36	37.7144				1725.36541	RS-700	-1.057883532
15802	9/3/2019 13:38:07		-122.36	37.7144				1726.21822	RS-700	-1.053640697
15803	9/3/2019 13:38:08		-122.36	37.7144				1783.54946	RS-700	-0.768410647
15804	9/3/2019 13:38:09		-122.36	37.7144				1821.65633	RS-700	-0.578824229
15805	9/3/2019 13:38:10		-122.36	37.7144				1813.83457	RS-700	-0.617738458
15806	9/3/2019 13:38:11		-122.36	37.7144				1801.73982	RS-700	-0.677911343
15807	9/3/2019 13:38:12		-122.36	37.7144				1766.80558	RS-700	-0.851713532
15808	9/3/2019 13:38:13		-122.36	37.7144				1732.44554	RS-700	-1.022659005
15809	9/3/2019 13:38:14		-122.36	37.7144				1822.378	RS-700	-0.575233831
15810	9/3/2019 13:38:15		-122.36	37.7144				1754.18962	RS-700	-0.914479502
15811	9/3/2019 13:38:16		-122.36	37.7144				1742.43425	RS-700	-0.97296393
15812	9/3/2019 13:38:17		-122.36	37.7144				1778.36916	RS-700	-0.794183284
15813	9/3/2019 13:38:18		-122.36	37.7144				1756.62973	RS-700	-0.902339652
15814	9/3/2019 13:38:19		-122.36	37.7144				1704.04172	RS-700	-1.163971542
15815	9/3/2019 13:38:20		-122.36	37.7144				1739.70286	RS-700	-0.986552935
15816	9/3/2019 13:38:21		-122.36	37.7144				1822.93327	RS-700	-0.572471294
15817	9/3/2019 13:38:22		-122.36	37.7144				1741.27084	RS-700	-0.97875204
15818	9/3/2019 13:38:23		-122.36	37.7144				1759.6333	RS-700	-0.887396517
15819	9/3/2019 13:38:24		-122.36	37.7144				1832.65086	RS-700	-0.524125075
15820	9/3/2019 13:38:25		-122.36	37.7144				1783.45712	RS-700	-0.76887005
15821	9/3/2019 13:38:26		-122.36	37.7144				1795.55294	RS-700	-0.708691841
15822	9/3/2019 13:38:27		-122.36	37.7144				1806.47497	RS-700	-0.654353383
15823	9/3/2019 13:38:28		-122.36	37.7144				1798.82185	RS-700	-0.692428607
15824	9/3/2019 13:38:29		-122.36	37.7144				1708.69778	RS-700	-1.140807065
15825	9/3/2019 13:38:30		-122.36	37.7144				1766.36998	RS-700	-0.853880697
15826	9/3/2019 13:38:31		-122.36	37.7144				1808.82478	RS-700	-0.642662786
15827	9/3/2019 13:38:32		-122.36	37.7144				1770.27662	RS-700	-0.834444677
15828	9/3/2019 13:38:33		-122.36	37.7144				1820.46715	RS-700	-0.584740547
15829	9/3/2019 13:38:34		-122.36	37.7144				1753.18194	RS-700	-0.919492836
15830	9/3/2019 13:38:35		-122.36	37.7144				1831.65123	RS-700	-0.529098358
15831	9/3/2019 13:38:36		-122.36	37.7144				1901.49425	RS-700	-0.181620647
15832	9/3/2019 13:38:37		-122.36	37.7144				1765.1962	RS-700	-0.859720398
15833	9/3/2019 13:38:38		-122.36	37.7144				1712.43092	RS-700	-1.122234229
15834	9/3/2019 13:38:39		-122.36	37.7144				1825.74556	RS-700	-0.558479801
15835	9/3/2019 13:38:40		-122.36	37.7144				1767.52469	RS-700	-0.848135871
15836	9/3/2019 13:38:41		-122.36	37.7144				1692.69091	RS-700	-1.220443234
15837	9/3/2019 13:38:42		-122.36	37.7144				1770.36703	RS-700	-0.833994876
15838	9/3/2019 13:38:43		-122.36	37.7144				1725.04683	RS-700	-1.059468507
15839	9/3/2019 13:38:44		-122.36	37.7144				1781.45649	RS-700	-0.778823433
15840	9/3/2019 13:38:45		-122.36	37.7144				1833.47522	RS-700	-0.520023781
15841	9/3/2019 13:38:46		-122.36	37.7144				1856.12645	RS-700	-0.407331095
15842	9/3/2019 13:38:47		-122.36	37.7144				1810.74711	RS-700	-0.633098955
15843	9/3/2019 13:38:48		-122.36	37.7144				1768.27694	RS-700	-0.844393333
15844	9/3/2019 13:38:49		-122.36	37.7144				1765.46957	RS-700	-0.858360348
15845	9/3/2019 13:38:50		-122.36	37.7144				1820.92354	RS-700	-0.58246995
15846	9/3/2019 13:38:51		-122.36	37.7144				1840.47288	RS-700	-0.485209552
15847	9/3/2019 13:38:52		-122.36	37.7144				1756.4549	RS-700	-0.903209453
15848	9/3/2019 13:38:53		-122.36	37.7144				1787.72125	RS-700	-0.747655473
15849	9/3/2019 13:38:54		-122.36	37.7144				1773.6368	RS-700	-0.817727363
15850	9/3/2019 13:38:55		-122.36	37.7144				1784.46499	RS-700	-0.763855771
15851	9/3/2019 13:38:56		-122.36	37.7144				1870.57576	RS-700	-0.33544398
15852	9/3/2019 13:38:57		-122.36	37.7144				1819.92336	RS-700	-0.58744597
15853	9/3/2019 13:38:58		-122.36	37.7144				1771.27222	RS-700	-0.829491443
15854	9/3/2019 13:38:59		-122.36	37.7144				1737.53277	RS-700	-0.997349403
15855	9/3/2019 13:39:00		-122.36	37.7144				1751.53721	RS-700	-0.927675572
15856	9/3/2019 13:39:01		-122.36	37.7144				1816.45983	RS-700	-0.604677463
15857	9/3/2019 13:39:02		-122.36	37.7144				1748.80791	RS-700	-0.941254179
15858	9/3/2019 13:39:03		-122.36	37.7144				1759.36517	RS-700	-0.888730498
15859	9/3/2019 13:39:04		-122.36	37.7144				1793.54789	RS-700	-0.718667214

Gamma Scan Survey Results
Survey Unit 5 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
15860	9/3/2019 13:39:05		-122.36	37.7144				1715.43968	RS-700	-1.107265274
15861	9/3/2019 13:39:06		-122.36	37.7144				1750.53748	RS-700	-0.932649353
15862	9/3/2019 13:39:07		-122.36	37.7144				1775.16282	RS-700	-0.810135224
15863	9/3/2019 13:39:08		-122.36	37.7144				1843.29289	RS-700	-0.471179652
15864	9/3/2019 13:39:09		-122.36	37.7144				1757.54068	RS-700	-0.897807562
15865	9/3/2019 13:39:10		-122.36	37.7144				1755.53854	RS-700	-0.907768458
15866	9/3/2019 13:39:11		-122.36	37.7144				1815.55875	RS-700	-0.609160448
15867	9/3/2019 13:39:12		-122.36	37.7144				1682.92119	RS-700	-1.269048806
15868	9/3/2019 13:39:13		-122.36	37.7144				1840.79693	RS-700	-0.483597363
15869	9/3/2019 13:39:14		-122.36	37.7144				1859.66399	RS-700	-0.389731393
15870	9/3/2019 13:39:15		-122.36	37.7144				1771.99217	RS-700	-0.825909602
15871	9/3/2019 13:39:16		-122.36	37.7144				1876.67239	RS-700	-0.305112488
15872	9/3/2019 13:39:17		-122.36	37.7144				1748.42736	RS-700	-0.943147463
15873	9/3/2019 13:39:18		-122.36	37.7144				1757.52978	RS-700	-0.897861791
15874	9/3/2019 13:39:19		-122.36	37.7144				1765.80434	RS-700	-0.856694826
15875	9/3/2019 13:39:20		-122.36	37.7144				1818.2856	RS-700	-0.59559403
15876	9/3/2019 13:39:21		-122.36	37.7144				1831.02242	RS-700	-0.532226766
15877	9/3/2019 13:39:22		-122.36	37.7144				1750.62582	RS-700	-0.932209851
15878	9/3/2019 13:39:23		-122.36	37.7144				1739.53379	RS-700	-0.98739408
15879	9/3/2019 13:39:24		-122.36	37.7144				1807.73764	RS-700	-0.648071443
15880	9/3/2019 13:39:25		-122.36	37.7144				1746.53834	RS-700	-0.952545572
15881	9/3/2019 13:39:26		-122.36	37.7144				1896.39364	RS-700	-0.206996816
15882	9/3/2019 13:39:27		-122.36	37.7144				1875.04918	RS-700	-0.313188159
15883	9/3/2019 13:39:28		-122.36	37.7144				1897.39268	RS-700	-0.202026468
15884	9/3/2019 13:39:29		-122.36	37.7144				1859.85578	RS-700	-0.388777214
15885	9/3/2019 13:39:30		-122.36	37.7144				1898.58627	RS-700	-0.196088209
15886	9/3/2019 13:39:31		-122.36	37.7144				1834.57009	RS-700	-0.514576667
15887	9/3/2019 13:39:32		-122.36	37.7144				1907.49334	RS-700	-0.151774428
15888	9/3/2019 13:39:33		-122.36	37.7145				1947.59696	RS-700	0.04774607
15889	9/3/2019 13:39:34		-122.36	37.7145				1844.4839	RS-700	-0.465254229
15890	9/3/2019 13:39:35		-122.36	37.7145				1863.5696	RS-700	-0.370300498
15891	9/3/2019 13:39:36		-122.36	37.7145				1754.63019	RS-700	-0.912287612
15892	9/3/2019 13:39:37		-122.36	37.7145				1625.2629	RS-700	-1.55590597
15893	9/3/2019 13:39:38		-122.36	37.7145				1829.28327	RS-700	-0.540879254
15894	9/3/2019 13:39:39		-122.36	37.7145				1843.38213	RS-700	-0.470735672
15895	9/3/2019 13:39:40		-122.36	37.7145				1910.59763	RS-700	-0.136330199
15896	9/3/2019 13:39:41		-122.36	37.7145				1820.37802	RS-700	-0.58518398
15897	9/3/2019 13:39:42		-122.36	37.7145				1819.74162	RS-700	-0.588350149
15898	9/3/2019 13:39:43		-122.36	37.7145				1839.47195	RS-700	-0.490189303
15899	9/3/2019 13:39:44		-122.36	37.7145				1870.32341	RS-700	-0.336699453
15900	9/3/2019 13:39:45		-122.36	37.7145				1824.65023	RS-700	-0.563929204
15901	9/3/2019 13:39:46		-122.36	37.7145				1787.73102	RS-700	-0.747606866
15902	9/3/2019 13:39:47		-122.36	37.7145				1960.78932	RS-700	0.113379701
15903	9/3/2019 13:39:48		-122.36	37.7145				1868.19093	RS-700	-0.347308806
15904	9/3/2019 13:39:49		-122.36	37.7145				1878.77006	RS-700	-0.294676318
15905	9/3/2019 13:39:50		-122.36	37.7145				1764.62487	RS-700	-0.862562836
15906	9/3/2019 13:39:51		-122.36	37.7145				1907.49021	RS-700	-0.15179
15907	9/3/2019 13:39:52		-122.36	37.7145				1899.67832	RS-700	-0.190655124
15908	9/3/2019 13:39:53		-122.36	37.7146				1939.78535	RS-700	0.008882338
15909	9/3/2019 13:39:54		-122.36	37.7146				1707.95558	RS-700	-1.144499602
15910	9/3/2019 13:39:55		-122.36	37.7146				1168.24131	RS-700	-3.829645224
15911	9/3/2019 13:39:56		-122.36	37.7146				992.16332	RS-700	-4.705655124
15912	9/3/2019 13:39:57		-122.36	37.7146				1533.24616	RS-700	-2.013700697
15913	9/3/2019 13:39:58		-122.36	37.7146				1877.85728	RS-700	-0.299217512
15914	9/3/2019 13:39:59		-122.36	37.7146				1860.48499	RS-700	-0.385646816
15915	9/3/2019 13:40:00		-122.36	37.7146				1939.50031	RS-700	0.007464229
15916	9/3/2019 13:40:01		-122.36	37.7146				1837.57168	RS-700	-0.499643383
15917	9/3/2019 13:40:02		-122.36	37.7146				1913.69151	RS-700	-0.120937761
15918	9/3/2019 13:40:03		-122.36	37.7146				1873.85634	RS-700	-0.319122687
15919	9/3/2019 13:40:04		-122.36	37.7146				1907.58276	RS-700	-0.151329552
15920	9/3/2019 13:40:05		-122.36	37.7146				1820.56083	RS-700	-0.584274478

Gamma Scan Survey Results
Survey Unit 5 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
15921	9/3/2019 13:40:06		-122.36	37.7146				1901.58633	RS-700	-0.181162537
15922	9/3/2019 13:40:07		-122.36	37.7146				1911.26489	RS-700	-0.133010498
15923	9/3/2019 13:40:08		-122.36	37.7146				1908.4848	RS-700	-0.146841791
15924	9/3/2019 13:40:09		-122.36	37.7146				1950.79676	RS-700	0.063665473
15925	9/3/2019 13:40:10		-122.36	37.7146				1860.75794	RS-700	-0.384288856
15926	9/3/2019 13:40:11		-122.36	37.7146				1811.92943	RS-700	-0.627216766
15927	9/3/2019 13:40:12		-122.36	37.7146				1819.83315	RS-700	-0.587894776
15928	9/3/2019 13:40:13		-122.361	37.7146				1852.29524	RS-700	-0.426391841
15929	9/3/2019 13:40:14		-122.361	37.7146				1902.58575	RS-700	-0.176190299
15930	9/3/2019 13:40:15		-122.361	37.7146				1911.97249	RS-700	-0.1294901
15931	9/3/2019 13:40:16		-122.361	37.7146				1848.03548	RS-700	-0.447584677
15932	9/3/2019 13:40:17		-122.361	37.7146				1961.60294	RS-700	0.117427562
15933	9/3/2019 13:40:18		-122.361	37.7146				1914.88063	RS-700	-0.115021741
15934	9/3/2019 13:40:19		-122.361	37.7146				1830.20672	RS-700	-0.536284975
15935	9/3/2019 13:40:20		-122.361	37.7146				1922.78488	RS-700	-0.075697114
15936	9/3/2019 13:40:21		-122.361	37.7146				1880.76997	RS-700	-0.284726517
15937	9/3/2019 13:40:22		-122.361	37.7146				1873.48536	RS-700	-0.320968358
15938	9/3/2019 13:40:23		-122.361	37.7147				1850.05864	RS-700	-0.437519204
15939	9/3/2019 13:40:24		-122.361	37.7147				1912.26592	RS-700	-0.128030249
15940	9/3/2019 13:40:25		-122.361	37.7147				1889.582	RS-700	-0.240885572
15941	9/3/2019 13:40:26		-122.361	37.7147				1892.49226	RS-700	-0.226406667
15942	9/3/2019 13:40:27		-122.361	37.7147				1928.4024	RS-700	-0.047749254
15943	9/3/2019 13:40:28		-122.361	37.7147				1944.89149	RS-700	0.03428602
15944	9/3/2019 13:40:29		-122.361	37.7147				1999.60873	RS-700	0.306511095
15945	9/3/2019 13:40:30		-122.361	37.7147				1978.1015	RS-700	0.19950995
15946	9/3/2019 13:40:31		-122.361	37.7147				1868.5642	RS-700	-0.345451741
15947	9/3/2019 13:40:32		-122.361	37.7147				1904.77975	RS-700	-0.165274876
15948	9/3/2019 13:40:33		-122.361	37.7147				1807.46948	RS-700	-0.649405572
15949	9/3/2019 13:40:34		-122.361	37.7147				1909.67846	RS-700	-0.140903184
15950	9/3/2019 13:40:35		-122.361	37.7147				1851.94119	RS-700	-0.428153284
15951	9/3/2019 13:40:36		-122.361	37.7147				1891.49075	RS-700	-0.231389303
15952	9/3/2019 13:40:37		-122.361	37.7147				1877.14154	RS-700	-0.302778408
15953	9/3/2019 13:40:38		-122.361	37.7148				1968.09494	RS-700	0.14972607
15954	9/3/2019 13:40:39		-122.361	37.7148				1818.65427	RS-700	-0.593759851
15955	9/3/2019 13:40:40		-122.361	37.7148				1922.67864	RS-700	-0.076225672
15956	9/3/2019 13:40:41		-122.361	37.7148				1898.68227	RS-700	-0.195610597
15957	9/3/2019 13:40:42		-122.361	37.7148				1856.86621	RS-700	-0.403650697
15958	9/3/2019 13:40:43		-122.361	37.7148				1933.07746	RS-700	-0.024490249
15959	9/3/2019 13:40:44		-122.361	37.7148				1875.85652	RS-700	-0.309171542
15960	9/3/2019 13:40:45		-122.361	37.7148				1917.32864	RS-700	-0.102842587
15961	9/3/2019 13:40:46		-122.361	37.7148				1953.30783	RS-700	0.076158358
15962	9/3/2019 13:40:47		-122.361	37.7148				1968.50638	RS-700	0.151773035
15963	9/3/2019 13:40:48		-122.361	37.7148				1900.78149	RS-700	-0.185166716
15964	9/3/2019 13:40:49		-122.361	37.7148				1969.40298	RS-700	0.156233731
15965	9/3/2019 13:40:50		-122.361	37.7148				1937.98412	RS-700	-7.9005E-05
15966	9/3/2019 13:40:51		-122.361	37.7148				2035.73198	RS-700	0.486228756
15967	9/3/2019 13:40:52		-122.361	37.7148				2032.93254	RS-700	0.472301194
15968	9/3/2019 13:40:53		-122.361	37.7148				2016.5181	RS-700	0.390637313
15969	9/3/2019 13:40:54		-122.361	37.7148				1903.39349	RS-700	-0.172171692
15970	9/3/2019 13:40:55		-122.361	37.7148				1908.58258	RS-700	-0.146355323
15971	9/3/2019 13:40:56		-122.361	37.7148				2004.31777	RS-700	0.329939154
15972	9/3/2019 13:40:57		-122.361	37.7148				2026.82927	RS-700	0.441936667
15973	9/3/2019 13:40:58		-122.361	37.7148				1963.4099	RS-700	0.126417413
15974	9/3/2019 13:40:59		-122.361	37.7148				1945.61353	RS-700	0.037878259
15975	9/3/2019 13:41:00		-122.361	37.7148				1899.466	RS-700	-0.191711443
15976	9/3/2019 13:41:01		-122.361	37.7148				1884.86853	RS-700	-0.264335672
15977	9/3/2019 13:41:02		-122.361	37.7148				1944.42256	RS-700	0.031953035
15978	9/3/2019 13:41:03		-122.361	37.7148				1917.69983	RS-700	-0.100995871
15979	9/3/2019 13:41:04		-122.361	37.7148				1705.0369	RS-700	-1.159020398
15980	9/3/2019 13:41:05		-122.361	37.7148				1110.32826	RS-700	-4.117769851
15981	9/3/2019 13:41:06		-122.361	37.7148				730.07312	RS-700	-6.009586468

Gamma Scan Survey Results
Survey Unit 5 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
15982	9/3/2019 13:41:07		-122.361	37.7148				808.17435	RS-700	-5.621023134
15983	9/3/2019 13:41:08		-122.361	37.7148				1326.35012	RS-700	-3.043034229
15984	9/3/2019 13:41:09		-122.361	37.7149				1866.66573	RS-700	-0.354896866
15985	9/3/2019 13:41:10		-122.361	37.7149				1892.14272	RS-700	-0.228145672
15986	9/3/2019 13:41:11		-122.361	37.7149				1881.8599	RS-700	-0.27930398
15987	9/3/2019 13:41:12		-122.361	37.7149				1883.67638	RS-700	-0.270266766
15988	9/3/2019 13:41:13		-122.361	37.7149				1858.66312	RS-700	-0.394710846
15989	9/3/2019 13:41:14		-122.361	37.7149				1822.38115	RS-700	-0.575218159
15990	9/3/2019 13:41:15		-122.361	37.7149				1894.16594	RS-700	-0.2180799
15991	9/3/2019 13:41:16		-122.361	37.7149				1843.74415	RS-700	-0.468934577
15992	9/3/2019 13:41:17		-122.361	37.7149				1880.39162	RS-700	-0.286608856
15993	9/3/2019 13:41:18		-122.361	37.7149				1967.80115	RS-700	0.148264428
15994	9/3/2019 13:41:19		-122.361	37.7149				1779.64255	RS-700	-0.78784801
15995	9/3/2019 13:41:20		-122.361	37.7149				1982.71773	RS-700	0.222476269
15996	9/3/2019 13:41:21		-122.361	37.7149				1795.6452	RS-700	-0.708232836
15997	9/3/2019 13:41:22		-122.361	37.7149				1841.54207	RS-700	-0.479890199
15998	9/3/2019 13:41:23		-122.361	37.7149				1850.57431	RS-700	-0.434953682
15999	9/3/2019 13:41:24		-122.361	37.7149				1639.33276	RS-700	-1.485906667
16000	9/3/2019 13:41:25		-122.361	37.7149				1686.59002	RS-700	-1.25079592
16001	9/3/2019 13:41:26		-122.361	37.7149				1277.32154	RS-700	-3.286957512
16002	9/3/2019 13:41:27		-122.361	37.7149				1185.18902	RS-700	-3.745328259
16003	9/3/2019 13:41:28		-122.361	37.7149				1645.50737	RS-700	-1.455187214
16004	9/3/2019 13:41:29		-122.361	37.7149				1850.08602	RS-700	-0.437382985
16005	9/3/2019 13:41:30		-122.361	37.7149				1927.69269	RS-700	-0.051280149
16006	9/3/2019 13:41:31		-122.361	37.7149				1796.74308	RS-700	-0.702770746
16007	9/3/2019 13:41:32		-122.361	37.715				1777.63696	RS-700	-0.79782607
16008	9/3/2019 13:41:33		-122.361	37.715				1874.4856	RS-700	-0.31599204
16009	9/3/2019 13:41:34		-122.361	37.715				1801.4661	RS-700	-0.679273134
16010	9/3/2019 13:41:35		-122.361	37.715				1894.67791	RS-700	-0.215532786
16011	9/3/2019 13:41:36		-122.361	37.715				1945.0877	RS-700	0.035262189
16012	9/3/2019 13:41:37		-122.361	37.715				1877.48505	RS-700	-0.301069403
16013	9/3/2019 13:41:38		-122.361	37.715				1856.76386	RS-700	-0.4041599
16014	9/3/2019 13:41:39		-122.361	37.715				1850.86364	RS-700	-0.433514229
16015	9/3/2019 13:41:40		-122.361	37.715				1792.28368	RS-700	-0.724956816
16016	9/3/2019 13:41:41		-122.361	37.715				1809.64433	RS-700	-0.638585423
16017	9/3/2019 13:41:42		-122.361	37.715				1866.76028	RS-700	-0.354426468
16018	9/3/2019 13:41:43		-122.361	37.715				1794.63843	RS-700	-0.713241642
16019	9/3/2019 13:41:44		-122.361	37.715				1934.20665	RS-700	-0.018872388
16020	9/3/2019 13:41:45		-122.361	37.715				1775.81502	RS-700	-0.806890448
16021	9/3/2019 13:41:46		-122.361	37.715				1877.85437	RS-700	-0.29923199
16022	9/3/2019 13:41:47		-122.361	37.715				1854.38552	RS-700	-0.415992438
16023	9/3/2019 13:41:48		-122.361	37.715				1789.72998	RS-700	-0.737661791
16024	9/3/2019 13:41:49		-122.361	37.715				1722.35908	RS-700	-1.072840398
16025	9/3/2019 13:41:50		-122.361	37.715				1886.68429	RS-700	-0.25530204
16026	9/3/2019 13:41:51		-122.361	37.715				1833.56404	RS-700	-0.519581891
16027	9/3/2019 13:41:52		-122.361	37.715				1779.36483	RS-700	-0.789229701
16028	9/3/2019 13:41:53		-122.361	37.715				1889.3441	RS-700	-0.242069154
16029	9/3/2019 13:41:54		-122.361	37.715				1933.40465	RS-700	-0.022862438
16030	9/3/2019 13:41:55		-122.361	37.715				1786.17137	RS-700	-0.755366318
16031	9/3/2019 13:41:56		-122.361	37.7151				1880.77072	RS-700	-0.284722786
16032	9/3/2019 13:41:57		-122.361	37.7151				1906.48549	RS-700	-0.156788607
16033	9/3/2019 13:41:58		-122.361	37.7151				1841.66137	RS-700	-0.479296667
16034	9/3/2019 13:41:59		-122.361	37.7151				1869.57596	RS-700	-0.340418109
16035	9/3/2019 13:42:00		-122.361	37.7151				1888.86693	RS-700	-0.244443134
16036	9/3/2019 13:42:01		-122.361	37.7151				1867.76366	RS-700	-0.349434527
16037	9/3/2019 13:42:02		-122.361	37.7151				1848.4655	RS-700	-0.445445274
16038	9/3/2019 13:42:03		-122.361	37.7151				1836.47267	RS-700	-0.505111095
16039	9/3/2019 13:42:04		-122.361	37.7151				1837.56547	RS-700	-0.499674279
16040	9/3/2019 13:42:05		-122.361	37.7151				1824.92009	RS-700	-0.562586617
16041	9/3/2019 13:42:06		-122.361	37.7151				1801.18836	RS-700	-0.680654925
16042	9/3/2019 13:42:07		-122.361	37.7151				1577.32979	RS-700	-1.794379154

Gamma Scan Survey Results
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SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
16043	9/3/2019 13:42:08		-122.361	37.7151				1416.37299	RS-700	-2.595159254
16044	9/3/2019 13:42:09		-122.361	37.7151				1723.78671	RS-700	-1.065737761
16045	9/3/2019 13:42:10		-122.361	37.7151				1781.54868	RS-700	-0.778364776
16046	9/3/2019 13:42:11		-122.361	37.7151				1420.51134	RS-700	-2.574570448
16047	9/3/2019 13:42:12		-122.361	37.7151				879.09406	RS-700	-5.268188756
16048	9/3/2019 13:42:13		-122.361	37.7151				796.18918	RS-700	-5.680650846
16049	9/3/2019 13:42:14		-122.361	37.7152				748.09086	RS-700	-5.91994597
16050	9/3/2019 13:42:15		-122.361	37.7152				1094.0711	RS-700	-4.198651244
16051	9/3/2019 13:42:16		-122.361	37.7152				1732.96766	RS-700	-1.020061393
16052	9/3/2019 13:42:17		-122.361	37.7152				1911.59892	RS-700	-0.131348657
16053	9/3/2019 13:42:18		-122.361	37.7152				1937.79106	RS-700	-0.001039502
16054	9/3/2019 13:42:19		-122.361	37.7152				1889.86676	RS-700	-0.239468856
16055	9/3/2019 13:42:20		-122.361	37.7152				1834.47056	RS-700	-0.515071841
16056	9/3/2019 13:42:21		-122.361	37.7152				1807.46626	RS-700	-0.649421592
16057	9/3/2019 13:42:22		-122.361	37.7152				1759.36025	RS-700	-0.888754975
16058	9/3/2019 13:42:23		-122.361	37.7152				1718.78325	RS-700	-1.090630597
16059	9/3/2019 13:42:24		-122.361	37.7152				1777.45819	RS-700	-0.798715473
16060	9/3/2019 13:42:25		-122.361	37.7152				1758.82254	RS-700	-0.891430149
16061	9/3/2019 13:42:26		-122.361	37.7152				1848.38307	RS-700	-0.445855373
16062	9/3/2019 13:42:27		-122.361	37.7152				1765.63597	RS-700	-0.857532488
16063	9/3/2019 13:42:28		-122.361	37.7152				1773.54478	RS-700	-0.818185174
16064	9/3/2019 13:42:29		-122.361	37.7152				1837.56195	RS-700	-0.499691791
16065	9/3/2019 13:42:30		-122.361	37.7152				1845.38169	RS-700	-0.460787612
16066	9/3/2019 13:42:31		-122.361	37.7152				1826.09912	RS-700	-0.556720796
16067	9/3/2019 13:42:32		-122.361	37.7152				1793.73134	RS-700	-0.717754527
16068	9/3/2019 13:42:33		-122.361	37.7152				1803.00822	RS-700	-0.671600896
16069	9/3/2019 13:42:34		-122.362	37.7152				1829.37934	RS-700	-0.540401294
16070	9/3/2019 13:42:35		-122.362	37.7152				1868.76282	RS-700	-0.344463582
16071	9/3/2019 13:42:36		-122.362	37.7152				1770.54548	RS-700	-0.833107065
16072	9/3/2019 13:42:37		-122.362	37.7152				1787.64082	RS-700	-0.748055622
16073	9/3/2019 13:42:38		-122.362	37.7152				1836.65305	RS-700	-0.504213682
16074	9/3/2019 13:42:39		-122.362	37.7152				1852.19933	RS-700	-0.426869005
16075	9/3/2019 13:42:40		-122.362	37.7152				1825.28927	RS-700	-0.5607499
16076	9/3/2019 13:42:41		-122.362	37.7152				1840.67074	RS-700	-0.484225174
16077	9/3/2019 13:42:42		-122.362	37.7152				1820.64932	RS-700	-0.583834229
16078	9/3/2019 13:42:43		-122.362	37.7152				1774.54316	RS-700	-0.813218109
16079	9/3/2019 13:42:44		-122.362	37.7152				1787.82398	RS-700	-0.747144378
16080	9/3/2019 13:42:45		-122.362	37.7152				1789.64435	RS-700	-0.738087811
16081	9/3/2019 13:42:46		-122.362	37.7153				1805.28765	RS-700	-0.660260448
16082	9/3/2019 13:42:47		-122.362	37.7153				1815.64985	RS-700	-0.608707214
16083	9/3/2019 13:42:48		-122.362	37.7153				1779.44805	RS-700	-0.788815672
16084	9/3/2019 13:42:49		-122.362	37.7153				1785.55022	RS-700	-0.758456617
16085	9/3/2019 13:42:50		-122.362	37.7153				1929.30496	RS-700	-0.043258905
16086	9/3/2019 13:42:51		-122.362	37.7153				1907.77869	RS-700	-0.150354776
16087	9/3/2019 13:42:52		-122.362	37.7153				1975.50945	RS-700	0.186614179
16088	9/3/2019 13:42:53		-122.362	37.7153				1810.75616	RS-700	-0.63305393
16089	9/3/2019 13:42:54		-122.362	37.7153				2005.72137	RS-700	0.336922239
16090	9/3/2019 13:42:55		-122.362	37.7153				1940.79236	RS-700	0.013892338
16091	9/3/2019 13:42:56		-122.362	37.7153				1841.65902	RS-700	-0.479308358
16092	9/3/2019 13:42:57		-122.362	37.7153				1758.4603	RS-700	-0.893232338
16093	9/3/2019 13:42:58		-122.362	37.7153				1814.56169	RS-700	-0.614120945
16094	9/3/2019 13:42:59		-122.362	37.7153				1844.56301	RS-700	-0.464860647
16095	9/3/2019 13:43:00		-122.362	37.7153				1764.54352	RS-700	-0.862967562
16096	9/3/2019 13:43:01		-122.362	37.7153				1734.88115	RS-700	-1.010541542
16097	9/3/2019 13:43:02		-122.362	37.7153				1831.20494	RS-700	-0.531318706
16098	9/3/2019 13:43:03		-122.362	37.7153				1768.54859	RS-700	-0.843041841
16099	9/3/2019 13:43:04		-122.362	37.7153				1882.13062	RS-700	-0.277957114
16100	9/3/2019 13:43:05		-122.362	37.7153				1882.86647	RS-700	-0.274296169
16101	9/3/2019 13:43:06		-122.362	37.7154				1917.40601	RS-700	-0.102457662
16102	9/3/2019 13:43:07		-122.362	37.7154				1922.49704	RS-700	-0.077129154
16103	9/3/2019 13:43:08		-122.362	37.7154				1962.01203	RS-700	0.119462836

Gamma Scan Survey Results
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SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
16104	9/3/2019 13:43:09		-122.362	37.7154				1959.90069	RS-700	0.108958657
16105	9/3/2019 13:43:10		-122.362	37.7154				1968.10281	RS-700	0.149765224
16106	9/3/2019 13:43:11		-122.362	37.7154				1968.29349	RS-700	0.150713881
16107	9/3/2019 13:43:12		-122.362	37.7154				1963.70211	RS-700	0.127871194
16108	9/3/2019 13:43:13		-122.362	37.7154				1961.60016	RS-700	0.117413731
16109	9/3/2019 13:43:14		-122.362	37.7154				1949.49836	RS-700	0.057205771
16110	9/3/2019 13:43:15		-122.362	37.7154				1974.80722	RS-700	0.183120498
16111	9/3/2019 13:43:16		-122.362	37.7154				1962.99589	RS-700	0.124357662
16112	9/3/2019 13:43:17		-122.362	37.7154				1869.48275	RS-700	-0.340881841
16113	9/3/2019 13:43:18		-122.362	37.7154				1741.44354	RS-700	-0.977892836
16114	9/3/2019 13:43:19		-122.362	37.7154				1710.19016	RS-700	-1.133382289
16115	9/3/2019 13:43:20		-122.362	37.7154				1880.95778	RS-700	-0.283792139
16116	9/3/2019 13:43:21		-122.362	37.7154				1656.42818	RS-700	-1.400854826
16117	9/3/2019 13:43:22		-122.362	37.7154				1049.21289	RS-700	-4.421826418
16118	9/3/2019 13:43:23		-122.362	37.7154				716.03952	RS-700	-6.079405373
16119	9/3/2019 13:43:24		-122.362	37.7154				1141.12196	RS-700	-3.964567363
16120	9/3/2019 13:43:25		-122.362	37.7154				1746.70432	RS-700	-0.951719801
16121	9/3/2019 13:43:26		-122.362	37.7154				1862.86295	RS-700	-0.373816169
16122	9/3/2019 13:43:27		-122.362	37.7155				1838.83957	RS-700	-0.493335473
16123	9/3/2019 13:43:28		-122.362	37.7155				1881.58038	RS-700	-0.280694627
16124	9/3/2019 13:43:29		-122.362	37.7155				1861.66779	RS-700	-0.379762239
16125	9/3/2019 13:43:30		-122.362	37.7155				1974.70914	RS-700	0.182632537
16126	9/3/2019 13:43:31		-122.362	37.7155				1982.72213	RS-700	0.222498159
16127	9/3/2019 13:43:32		-122.362	37.7155				1925.90335	RS-700	-0.060182338
16128	9/3/2019 13:43:33		-122.362	37.7155				2006.11561	RS-700	0.338883632
16129	9/3/2019 13:43:34		-122.362	37.7155				1892.77351	RS-700	-0.225007413
16130	9/3/2019 13:43:35		-122.362	37.7155				1898.58361	RS-700	-0.196101443
16131	9/3/2019 13:43:36		-122.362	37.7155				1977.90651	RS-700	0.198539851
16132	9/3/2019 13:43:37		-122.362	37.7155				1987.91379	RS-700	0.248327313
16133	9/3/2019 13:43:38		-122.362	37.7155				1805.82781	RS-700	-0.657573085
16134	9/3/2019 13:43:39		-122.362	37.7155				1773.63921	RS-700	-0.817715373
16135	9/3/2019 13:43:40		-122.362	37.7155				1928.59002	RS-700	-0.046815821
16136	9/3/2019 13:43:41		-122.362	37.7155				1930.99618	RS-700	-0.034844876
16137	9/3/2019 13:43:42		-122.362	37.7155				1960.59677	RS-700	0.112421741
16138	9/3/2019 13:43:43		-122.362	37.7155				1894.86035	RS-700	-0.214625124
16139	9/3/2019 13:43:44		-122.362	37.7155				1941.88308	RS-700	0.019318806
16140	9/3/2019 13:43:45		-122.362	37.7155				1754.55247	RS-700	-0.912674279
16141	9/3/2019 13:43:46		-122.362	37.7155				1862.66796	RS-700	-0.374786269
16142	9/3/2019 13:43:47		-122.362	37.7156				1916.59049	RS-700	-0.106514975
16143	9/3/2019 13:43:48		-122.362	37.7156				1932.8118	RS-700	-0.02581194
16144	9/3/2019 13:43:49		-122.362	37.7156				1966.61154	RS-700	0.14234597
16145	9/3/2019 13:43:50		-122.362	37.7156				2040.82947	RS-700	0.511589403
16146	9/3/2019 13:43:51		-122.362	37.7156				1991.30121	RS-700	0.265180149
16147	9/3/2019 13:43:52		-122.362	37.7156				2051.63174	RS-700	0.56533204
16148	9/3/2019 13:43:53		-122.362	37.7156				2020.13085	RS-700	0.408611194
16149	9/3/2019 13:43:54		-122.362	37.7156				1914.39613	RS-700	-0.117432189
16150	9/3/2019 13:43:55		-122.362	37.7156				1935.41828	RS-700	-0.012844378
16151	9/3/2019 13:43:56		-122.362	37.7156				1947.40398	RS-700	0.04678597
16152	9/3/2019 13:43:57		-122.362	37.7156				1944.79943	RS-700	0.03382801
16153	9/3/2019 13:43:58		-122.362	37.7156				1983.51014	RS-700	0.226418607
16154	9/3/2019 13:43:59		-122.362	37.7156				1963.40906	RS-700	0.126413234
16155	9/3/2019 13:44:00		-122.362	37.7156				1939.40114	RS-700	0.006970846
16156	9/3/2019 13:44:01		-122.362	37.7156				1904.49226	RS-700	-0.166705174
16157	9/3/2019 13:44:02		-122.362	37.7156				1998.91094	RS-700	0.303039502
16158	9/3/2019 13:44:03		-122.362	37.7156				1934.69246	RS-700	-0.016455423
16159	9/3/2019 13:44:04		-122.362	37.7156				1964.705	RS-700	0.132860697
16160	9/3/2019 13:44:05		-122.362	37.7156				1943.69718	RS-700	0.028344179
16161	9/3/2019 13:44:06		-122.362	37.7156				1966.20362	RS-700	0.140316517
16162	9/3/2019 13:44:07		-122.362	37.7156				1968.09854	RS-700	0.14974398
16163	9/3/2019 13:44:08		-122.362	37.7156				1846.45534	RS-700	-0.45544607
16164	9/3/2019 13:44:09		-122.362	37.7156				1915.49887	RS-700	-0.11194592

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SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
16165	9/3/2019 13:44:10		-122.362	37.7156				1799.64126	RS-700	-0.68835194
16166	9/3/2019 13:44:11		-122.362	37.7156				1879.13193	RS-700	-0.29287597
16167	9/3/2019 13:44:12		-122.362	37.7156				2030.92402	RS-700	0.462308557
16168	9/3/2019 13:44:13		-122.362	37.7157				2129.1043	RS-700	0.950767662
16169	9/3/2019 13:44:14		-122.362	37.7157				2064.0507	RS-700	0.62711791
16170	9/3/2019 13:44:15		-122.362	37.7157				2011.52106	RS-700	0.365776418
16171	9/3/2019 13:44:16		-122.362	37.7157				1991.81155	RS-700	0.267719154
16172	9/3/2019 13:44:17		-122.362	37.7157				2036.32084	RS-700	0.489158408
16173	9/3/2019 13:44:18		-122.362	37.7157				2015.93453	RS-700	0.38773398
16174	9/3/2019 13:44:19		-122.362	37.7157				2004.31625	RS-700	0.329931592
16175	9/3/2019 13:44:20		-122.362	37.7157				1972.81251	RS-700	0.173196567
16176	9/3/2019 13:44:21		-122.362	37.7157				2010.31654	RS-700	0.359783781
16177	9/3/2019 13:44:22		-122.362	37.7157				1989.41078	RS-700	0.255775025
16178	9/3/2019 13:44:23		-122.362	37.7157				1991.50784	RS-700	0.266208159
16179	9/3/2019 13:44:24		-122.362	37.7157				1956.19263	RS-700	0.090510597
16180	9/3/2019 13:44:25		-122.362	37.7157				1963.21228	RS-700	0.125434229
16181	9/3/2019 13:44:26		-122.362	37.7157				2052.84	RS-700	0.571343284
16182	9/3/2019 13:44:27		-122.362	37.7157				1943.79667	RS-700	0.028839154
16183	9/3/2019 13:44:28		-122.362	37.7157				1973.9965	RS-700	0.179087065
16184	9/3/2019 13:44:29		-122.362	37.7157				1881.23888	RS-700	-0.282393632
16185	9/3/2019 13:44:30		-122.362	37.7157				1921.59581	RS-700	-0.081612886
16186	9/3/2019 13:44:31		-122.362	37.7157				1965.11313	RS-700	0.134891194
16187	9/3/2019 13:44:32		-122.362	37.7158				1899.06128	RS-700	-0.193724975
16188	9/3/2019 13:44:33		-122.362	37.7158				1728.44913	RS-700	-1.042541642
16189	9/3/2019 13:44:34		-122.362	37.7158				1739.27346	RS-700	-0.988689254
16190	9/3/2019 13:44:35		-122.362	37.7158				1735.36487	RS-700	-1.008134975
16191	9/3/2019 13:44:36		-122.363	37.7158				1762.80849	RS-700	-0.871599552
16192	9/3/2019 13:44:37		-122.363	37.7158				1787.19678	RS-700	-0.750264776
16193	9/3/2019 13:44:38		-122.363	37.7158				1724.18404	RS-700	-1.063760995
16194	9/3/2019 13:44:39		-122.363	37.7158				1773.36801	RS-700	-0.819064627
16195	9/3/2019 13:44:40		-122.363	37.7158				1735.18522	RS-700	-1.009028756
16196	9/3/2019 13:44:41		-122.363	37.7158				1794.37235	RS-700	-0.714565423
16197	9/3/2019 13:44:42		-122.363	37.7158				1736.36039	RS-700	-1.003182139
16198	9/3/2019 13:44:43		-122.363	37.7158				1903.68037	RS-700	-0.170744428
16199	9/3/2019 13:44:44		-122.363	37.7158				1826.56823	RS-700	-0.554386915
16200	9/3/2019 13:44:45		-122.363	37.7158				1904.68283	RS-700	-0.165757065
16201	9/3/2019 13:44:46		-122.363	37.7158				2033.43907	RS-700	0.474821244
16202	9/3/2019 13:44:47		-122.363	37.7159				1853.94433	RS-700	-0.418187413
16203	9/3/2019 13:44:48		-122.363	37.7159				1953.49867	RS-700	0.077107811
16204	9/3/2019 13:44:49		-122.363	37.7159				1893.8666	RS-700	-0.219569154
16205	9/3/2019 13:44:50		-122.363	37.7159				1924.6912	RS-700	-0.066212935
16206	9/3/2019 13:44:51		-122.363	37.7159				2072.15273	RS-700	0.667426517
16207	9/3/2019 13:44:52		-122.363	37.7159				2047.62959	RS-700	0.545420846
16208	9/3/2019 13:44:53		-122.363	37.7159				2007.51467	RS-700	0.345844129
16209	9/3/2019 13:44:54		-122.363	37.7159				2034.92379	RS-700	0.48220791
16210	9/3/2019 13:44:55		-122.363	37.7159				2168.87979	RS-700	1.148655672
16211	9/3/2019 13:44:56		-122.363	37.7159				1982.60967	RS-700	0.221938657
16212	9/3/2019 13:44:57		-122.363	37.7159				1983.80504	RS-700	0.227885771
16213	9/3/2019 13:44:58		-122.363	37.7159				2041.73073	RS-700	0.516073284
16214	9/3/2019 13:44:59		-122.363	37.7159				1948.18399	RS-700	0.050666617
16215	9/3/2019 13:45:00		-122.363	37.7159				2141.44393	RS-700	1.012158856
16216	9/3/2019 13:45:01		-122.363	37.7159				2034.44133	RS-700	0.479807612
16217	9/3/2019 13:45:02		-122.363	37.7159				1924.78363	RS-700	-0.065753085
16218	9/3/2019 13:45:03		-122.363	37.7159				1932.30389	RS-700	-0.028338856
16219	9/3/2019 13:45:04		-122.363	37.7159				1997.70936	RS-700	0.297061493
16220	9/3/2019 13:45:05		-122.363	37.7159				2061.0471	RS-700	0.612174627
16221	9/3/2019 13:45:06		-122.363	37.7159				1983.31287	RS-700	0.225437164
16222	9/3/2019 13:45:07		-122.363	37.7159				2079.48487	RS-700	0.703904826
16223	9/3/2019 13:45:08		-122.363	37.7159				2005.83449	RS-700	0.337485025
16224	9/3/2019 13:45:09		-122.363	37.7159				2049.42644	RS-700	0.554360398
16225	9/3/2019 13:45:10		-122.363	37.716				2045.72981	RS-700	0.535969204

Gamma Scan Survey Results
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SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
16226	9/3/2019 13:45:11		-122.363	37.716				2019.13029	RS-700	0.403633284
16227	9/3/2019 13:45:12		-122.363	37.716				1794.46895	RS-700	-0.714084826
16228	9/3/2019 13:45:13		-122.363	37.716				1741.81911	RS-700	-0.976024328
16229	9/3/2019 13:45:14		-122.363	37.716				1880.57923	RS-700	-0.285675473
16230	9/3/2019 13:45:15		-122.363	37.716				1868.85054	RS-700	-0.344027164
16231	9/3/2019 13:45:16		-122.363	37.716				1894.05874	RS-700	-0.218613234
16232	9/3/2019 13:45:17		-122.363	37.716				1947.69414	RS-700	0.048229552
16233	9/3/2019 13:45:18		-122.363	37.716				1926.68993	RS-700	-0.056269005
16234	9/3/2019 13:45:19		-122.363	37.716				1947.08614	RS-700	0.045204677
16235	9/3/2019 13:45:20		-122.363	37.716				1914.97159	RS-700	-0.114569204
16236	9/3/2019 13:45:21		-122.363	37.716				2038.32355	RS-700	0.499122139
16237	9/3/2019 13:45:22		-122.363	37.716				1895.87301	RS-700	-0.209587015
16238	9/3/2019 13:45:23		-122.363	37.716				1865.33752	RS-700	-0.361504876
16239	9/3/2019 13:45:24		-122.363	37.716				1967.89867	RS-700	0.148749602
16240	9/3/2019 13:45:25		-122.363	37.716				2021.71536	RS-700	0.416494328
16241	9/3/2019 13:45:26		-122.363	37.716				1992.61375	RS-700	0.271710199
16242	9/3/2019 13:45:27		-122.363	37.716				2044.93576	RS-700	0.532018706
16243	9/3/2019 13:45:28		-122.363	37.716				1945.98656	RS-700	0.039734129
16244	9/3/2019 13:45:29		-122.363	37.716				2017.41526	RS-700	0.395100796
16245	9/3/2019 13:45:30		-122.363	37.716				1910.06975	RS-700	-0.138956468
16246	9/3/2019 13:45:31		-122.363	37.716				1980.80745	RS-700	0.212972388
16247	9/3/2019 13:45:32		-122.363	37.716				1914.68292	RS-700	-0.116005373
16248	9/3/2019 13:45:33		-122.363	37.716				1892.48484	RS-700	-0.226443582
16249	9/3/2019 13:45:34		-122.363	37.716				2103.87013	RS-700	0.825224527
16250	9/3/2019 13:45:35		-122.363	37.716				2181.10653	RS-700	1.209485224
16251	9/3/2019 13:45:36		-122.363	37.7161				2214.01426	RS-700	1.373205274
16252	9/3/2019 13:45:37		-122.363	37.7161				2247.47266	RS-700	1.539664975
16253	9/3/2019 13:45:38		-122.363	37.7161				1873.29613	RS-700	-0.321909801
16254	9/3/2019 13:45:39		-122.363	37.7161				1638.34899	RS-700	-1.490801045
16255	9/3/2019 13:45:40		-122.363	37.7161				1531.78383	RS-700	-2.02097597
16256	9/3/2019 13:45:41		-122.363	37.7161				1162.06822	RS-700	-3.860357114
16257	9/3/2019 13:45:42		-122.363	37.7161				1159.24027	RS-700	-3.874426517
16258	9/3/2019 13:45:43		-122.363	37.7161				1774.54288	RS-700	-0.813219502
16259	9/3/2019 13:45:44		-122.363	37.7161				1735.7126	RS-700	-1.006404975
16260	9/3/2019 13:45:45		-122.363	37.7161				1893.77779	RS-700	-0.220010995
16261	9/3/2019 13:45:46		-122.363	37.7161				1916.59311	RS-700	-0.10650194
16262	9/3/2019 13:45:47		-122.363	37.7161				1865.94275	RS-700	-0.358493781
16263	9/3/2019 13:45:48		-122.363	37.7161				1927.78902	RS-700	-0.050800896
16264	9/3/2019 13:45:49		-122.363	37.7161				1979.70723	RS-700	0.207498657
16265	9/3/2019 13:45:50		-122.363	37.7161				1997.61488	RS-700	0.296591443
16266	9/3/2019 13:45:51		-122.363	37.7161				2026.72725	RS-700	0.441429104
16267	9/3/2019 13:45:52		-122.363	37.7161				1962.89277	RS-700	0.123844627
16268	9/3/2019 13:45:53		-122.363	37.7161				2037.52943	RS-700	0.495171294
16269	9/3/2019 13:45:54		-122.363	37.7162				2040.03678	RS-700	0.507645672
16270	9/3/2019 13:45:55		-122.363	37.7162				1995.7236	RS-700	0.28718209
16271	9/3/2019 13:45:56		-122.363	37.7162				2058.63285	RS-700	0.600163433
16272	9/3/2019 13:45:57		-122.363	37.7162				1965.19474	RS-700	0.135297214
16273	9/3/2019 13:45:58		-122.363	37.7162				2016.71929	RS-700	0.391638259
16274	9/3/2019 13:45:59		-122.363	37.7162				2017.81732	RS-700	0.397101095
16275	9/3/2019 13:46:00		-122.363	37.7162				2022.52148	RS-700	0.420504876
16276	9/3/2019 13:46:01		-122.363	37.7162				1990.92006	RS-700	0.263283881
16277	9/3/2019 13:46:02		-122.363	37.7162				2134.87812	RS-700	0.979493134
16278	9/3/2019 13:46:03		-122.363	37.7162				2096.85498	RS-700	0.790323284
16279	9/3/2019 13:46:04		-122.363	37.7162				2117.85888	RS-700	0.894820299
16280	9/3/2019 13:46:05		-122.363	37.7162				2117.76185	RS-700	0.894337562
16281	9/3/2019 13:46:06		-122.363	37.7162				1935.59631	RS-700	-0.011958657
16282	9/3/2019 13:46:07		-122.363	37.7162				2045.93895	RS-700	0.537009701
16283	9/3/2019 13:46:08		-122.363	37.7162				2084.74609	RS-700	0.73008005
16284	9/3/2019 13:46:09		-122.363	37.7162				1931.58878	RS-700	-0.031896617
16285	9/3/2019 13:46:10		-122.363	37.7162				1968.41397	RS-700	0.151313284
16286	9/3/2019 13:46:11		-122.363	37.7162				1996.91965	RS-700	0.293132587

Gamma Scan Survey Results
Survey Unit 5 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
16287	9/3/2019 13:46:12		-122.363	37.7162				1982.51088	RS-700	0.221447164
16288	9/3/2019 13:46:13		-122.363	37.7162				1961.79513	RS-700	0.118383731
16289	9/3/2019 13:46:14		-122.363	37.7162				2017.00484	RS-700	0.393058905
16290	9/3/2019 13:46:15		-122.363	37.7162				1986.79575	RS-700	0.242764925
16291	9/3/2019 13:46:16		-122.363	37.7162				2018.32527	RS-700	0.399628209
16292	9/3/2019 13:46:17		-122.363	37.7162				2105.38067	RS-700	0.832739652
16293	9/3/2019 13:46:18		-122.363	37.7162				2095.54278	RS-700	0.783794925
16294	9/3/2019 13:46:19		-122.363	37.7162				2052.83226	RS-700	0.571304776
16295	9/3/2019 13:46:20		-122.363	37.7162				1987.11122	RS-700	0.244334428
16296	9/3/2019 13:46:21		-122.363	37.7162				1948.49503	RS-700	0.05221408
16297	9/3/2019 13:46:22		-122.363	37.7162				1886.48668	RS-700	-0.256285174
16298	9/3/2019 13:46:23		-122.363	37.7163				2037.44373	RS-700	0.494744925
16299	9/3/2019 13:46:24		-122.363	37.7163				1940.57971	RS-700	0.012834378
16300	9/3/2019 13:46:25		-122.363	37.7163				2052.14677	RS-700	0.567894378
16301	9/3/2019 13:46:26		-122.363	37.7163				1969.71435	RS-700	0.157782836
16302	9/3/2019 13:46:27		-122.363	37.7163				2020.62303	RS-700	0.411059851
16303	9/3/2019 13:46:28		-122.363	37.7163				2082.11739	RS-700	0.71700194
16304	9/3/2019 13:46:29		-122.363	37.7163				2007.01782	RS-700	0.343372239
16305	9/3/2019 13:46:30		-122.363	37.7163				2023.22634	RS-700	0.424011642
16306	9/3/2019 13:46:31		-122.363	37.7163				2092.4351	RS-700	0.768333831
16307	9/3/2019 13:46:32		-122.363	37.7163				2091.96775	RS-700	0.766008706
16308	9/3/2019 13:46:33		-122.363	37.7163				2059.94303	RS-700	0.606681741
16309	9/3/2019 13:46:34		-122.363	37.7163				2046.05253	RS-700	0.537574776
16310	9/3/2019 13:46:35		-122.363	37.7163				2026.61248	RS-700	0.440858109
16311	9/3/2019 13:46:36		-122.363	37.7163				1919.78302	RS-700	-0.090631741
16312	9/3/2019 13:46:37		-122.363	37.7163				2118.07491	RS-700	0.895895075
16313	9/3/2019 13:46:38		-122.363	37.7164				2048.32273	RS-700	0.548869303
16314	9/3/2019 13:46:39		-122.363	37.7164				2081.84979	RS-700	0.715670597
16315	9/3/2019 13:46:40		-122.363	37.7164				2034.52192	RS-700	0.480208557
16316	9/3/2019 13:46:41		-122.363	37.7164				2042.22105	RS-700	0.518512687
16317	9/3/2019 13:46:42		-122.363	37.7164				2084.64531	RS-700	0.729578657
16318	9/3/2019 13:46:43		-122.363	37.7164				2053.32388	RS-700	0.573750647
16319	9/3/2019 13:46:44		-122.363	37.7164				2064.62651	RS-700	0.629982637
16320	9/3/2019 13:46:45		-122.363	37.7164				2066.15126	RS-700	0.637568458
16321	9/3/2019 13:46:46		-122.363	37.7164				2010.8262	RS-700	0.362319403
16322	9/3/2019 13:46:47		-122.364	37.7164				2017.41804	RS-700	0.395114627
16323	9/3/2019 13:46:48		-122.364	37.7164				2099.74179	RS-700	0.804685522
16324	9/3/2019 13:46:49		-122.364	37.7164				1992.81401	RS-700	0.272706517
16325	9/3/2019 13:46:50		-122.364	37.7164				1996.71199	RS-700	0.292099453
16326	9/3/2019 13:46:51		-122.364	37.7164				1994.51521	RS-700	0.281170199
16327	9/3/2019 13:46:52		-122.364	37.7164				2009.71393	RS-700	0.356785721
16328	9/3/2019 13:46:53		-122.364	37.7164				2047.71445	RS-700	0.545843035
16329	9/3/2019 13:46:54		-122.364	37.7164				2010.92256	RS-700	0.362798806
16330	9/3/2019 13:46:55		-122.364	37.7164				1908.21151	RS-700	-0.148201443
16331	9/3/2019 13:46:56		-122.364	37.7164				1901.29674	RS-700	-0.182603284
16332	9/3/2019 13:46:57		-122.364	37.7164				1872.76495	RS-700	-0.324552488
16333	9/3/2019 13:46:58		-122.364	37.7164				1828.74518	RS-700	-0.543556318
16334	9/3/2019 13:46:59		-122.364	37.7164				1823.56102	RS-700	-0.569348159
16335	9/3/2019 13:47:00		-122.364	37.7164				1802.64412	RS-700	-0.673412338
16336	9/3/2019 13:47:01		-122.364	37.7164				1896.29764	RS-700	-0.207474428
16337	9/3/2019 13:47:02		-122.364	37.7164				1944.69286	RS-700	0.033297811
16338	9/3/2019 13:47:03		-122.364	37.7164				1940.60168	RS-700	0.012943682
16339	9/3/2019 13:47:04		-122.364	37.7164				1884.48561	RS-700	-0.266240746
16340	9/3/2019 13:47:05		-122.364	37.7164				1963.90323	RS-700	0.128871791
16341	9/3/2019 13:47:06		-122.364	37.7164				2077.43342	RS-700	0.693698607
16342	9/3/2019 13:47:07		-122.364	37.7164				1982.61522	RS-700	0.221966269
16343	9/3/2019 13:47:08		-122.364	37.7165				2021.61712	RS-700	0.416005572
16344	9/3/2019 13:47:09		-122.364	37.7165				2072.2758	RS-700	0.668038806
16345	9/3/2019 13:47:10		-122.364	37.7165				2027.62284	RS-700	0.445884776
16346	9/3/2019 13:47:11		-122.364	37.7165				1919.50714	RS-700	-0.092004279
16347	9/3/2019 13:47:12		-122.364	37.7165				2075.74403	RS-700	0.685293682

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SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
16348	9/3/2019 13:47:13		-122.364	37.7165				2009.01871	RS-700	0.353326915
16349	9/3/2019 13:47:14		-122.364	37.7165				2105.53953	RS-700	0.83353
16350	9/3/2019 13:47:15		-122.364	37.7165				2136.97555	RS-700	0.989928109
16351	9/3/2019 13:47:16		-122.364	37.7165				2029.52022	RS-700	0.455324478
16352	9/3/2019 13:47:17		-122.364	37.7165				2037.42419	RS-700	0.494647711
16353	9/3/2019 13:47:18		-122.364	37.7165				2117.85826	RS-700	0.894817214
16354	9/3/2019 13:47:19		-122.364	37.7165				2073.74144	RS-700	0.675330547
16355	9/3/2019 13:47:20		-122.364	37.7165				2132.1931	RS-700	0.966134826
16356	9/3/2019 13:47:21		-122.364	37.7165				2089.8708	RS-700	0.755576119
16357	9/3/2019 13:47:22		-122.364	37.7165				2107.4482	RS-700	0.843025871
16358	9/3/2019 13:47:23		-122.364	37.7165				2194.76634	RS-700	1.277444478
16359	9/3/2019 13:47:24		-122.364	37.7165				2045.93598	RS-700	0.536994925
16360	9/3/2019 13:47:25		-122.364	37.7165				2180.5596	RS-700	1.206764179
16361	9/3/2019 13:47:26		-122.364	37.7166				2049.83545	RS-700	0.556395274
16362	9/3/2019 13:47:27		-122.364	37.7166				2165.88149	RS-700	1.133738756
16363	9/3/2019 13:47:28		-122.364	37.7166				2095.06033	RS-700	0.781394677
16364	9/3/2019 13:47:29		-122.364	37.7166				2173.00128	RS-700	1.169160597
16365	9/3/2019 13:47:30		-122.364	37.7166				2208.20635	RS-700	1.344310199
16366	9/3/2019 13:47:31		-122.364	37.7166				2190.08789	RS-700	1.254168607
16367	9/3/2019 13:47:32		-122.364	37.7166				2220.90548	RS-700	1.40748995
16368	9/3/2019 13:47:33		-122.364	37.7166				2215.03251	RS-700	1.378271194
16369	9/3/2019 13:47:34		-122.364	37.7166				2200.55595	RS-700	1.306248507
16370	9/3/2019 13:47:35		-122.364	37.7166				2192.56023	RS-700	1.266468806
16371	9/3/2019 13:47:36		-122.364	37.7166				2260.59572	RS-700	1.604953831
16372	9/3/2019 13:47:37		-122.364	37.7166				2243.25493	RS-700	1.518681244
16373	9/3/2019 13:47:38		-122.364	37.7166				2318.18294	RS-700	1.891457413
16374	9/3/2019 13:47:39		-122.364	37.7166				2230.91284	RS-700	1.457277811
16375	9/3/2019 13:47:40		-122.364	37.7166				2191.56431	RS-700	1.26151398
16376	9/3/2019 13:47:41		-122.364	37.7166				2088.64411	RS-700	0.749473184
16377	9/3/2019 13:47:42		-122.364	37.7166				2105.85455	RS-700	0.835097264
16378	9/3/2019 13:47:43		-122.364	37.7166				2188.88502	RS-700	1.248184179
16379	9/3/2019 13:47:44		-122.364	37.7166				2267.26585	RS-700	1.638138557
16380	9/3/2019 13:47:45		-122.364	37.7167				2173.89584	RS-700	1.173611144
16381	9/3/2019 13:47:46		-122.364	37.7167				2149.88948	RS-700	1.054176517
16382	9/3/2019 13:47:47		-122.364	37.7167				2192.80092	RS-700	1.267666269
16383	9/3/2019 13:47:48		-122.364	37.7167				2163.64638	RS-700	1.122618806
16384	9/3/2019 13:47:49		-122.364	37.7167				2164.77594	RS-700	1.128238507
16385	9/3/2019 13:47:50		-122.364	37.7167				2154.77321	RS-700	1.078473682
16386	9/3/2019 13:47:51		-122.364	37.7167				2186.78441	RS-700	1.237733383
16387	9/3/2019 13:47:52		-122.364	37.7167				2168.89371	RS-700	1.148724925
16388	9/3/2019 10:54:59		-122.364	37.7167				2165.89559	RS-700	1.133808905
16389	9/3/2019 10:55:00		-122.364	37.7167				2115.33196	RS-700	0.882248557
16390	9/3/2019 10:55:01		-122.364	37.7167				2141.65567	RS-700	1.013212289
16391	9/3/2019 10:55:02		-122.364	37.7167				2176.88795	RS-700	1.188497264
16392	9/3/2019 10:55:03		-122.364	37.7167				2205.57186	RS-700	1.331203284
16393	9/3/2019 10:55:04		-122.364	37.7167				2120.64239	RS-700	0.908668607
16394	9/3/2019 10:55:05		-122.364	37.7167				2239.91723	RS-700	1.502075771
16395	9/3/2019 10:55:06		-122.364	37.7167				2186.78282	RS-700	1.237725473
16396	9/3/2019 10:55:07		-122.364	37.7167				2258.58386	RS-700	1.594944577
16397	9/3/2019 10:55:08		-122.364	37.7167				2136.98087	RS-700	0.989954577
16398	9/3/2019 10:55:09		-122.364	37.7167				2204.56628	RS-700	1.326200398
16399	9/3/2019 10:55:10		-122.364	37.7167				2119.75856	RS-700	0.904271443
16400	9/3/2019 10:55:11		-122.364	37.7167				2140.08746	RS-700	1.005410249
16401	9/3/2019 10:55:12		-122.364	37.7167				2177.34462	RS-700	1.190769254
16402	9/3/2019 10:55:13		-122.364	37.7167				2062.73985	RS-700	0.620596269
16403	9/3/2019 10:55:14		-122.364	37.7167				2138.082	RS-700	0.995432836
16404	9/3/2019 10:55:15		-122.364	37.7167				2154.98583	RS-700	1.079531493
16405	9/3/2019 10:55:16		-122.364	37.7167				2223.79208	RS-700	1.421851144
16406	9/3/2019 10:55:17		-122.364	37.7167				2227.68629	RS-700	1.441225323
16407	9/3/2019 10:55:18		-122.364	37.7167				2188.66988	RS-700	1.247113831
16408	9/3/2019 10:55:19		-122.364	37.7167				2188.56591	RS-700	1.246596567

Gamma Scan Survey Results
Survey Unit 5 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
16409	9/3/2019 10:55:20		-122.364	37.7167				2120.86471	RS-700	0.909774677
16410	9/3/2019 10:55:21		-122.364	37.7167				2147.65733	RS-700	1.043071294
16411	9/3/2019 10:55:22		-122.364	37.7167				2086.54487	RS-700	0.739029204
16412	9/3/2019 10:55:23		-122.364	37.7167				2219.0146	RS-700	1.398082587
16413	9/3/2019 10:55:24		-122.364	37.7167				2169.99548	RS-700	1.154206368
16414	9/3/2019 10:55:25		-122.364	37.7167				2233.1291	RS-700	1.46830398
16415	9/3/2019 10:55:26		-122.364	37.7167				2106.75826	RS-700	0.839593333
16416	9/3/2019 10:55:27		-122.364	37.7167				2170.88529	RS-700	1.158633284
16417	9/3/2019 10:55:28		-122.364	37.7167				2120.96177	RS-700	0.910257562
16418	9/3/2019 10:55:29		-122.364	37.7167				2210.98498	RS-700	1.358134229
16419	9/3/2019 10:55:30		-122.364	37.7167				2123.11851	RS-700	0.920987612
16420	9/3/2019 10:55:31		-122.364	37.7167				2179.89137	RS-700	1.203439652
16421	9/3/2019 10:55:32		-122.364	37.7167				2196.00823	RS-700	1.283623035
16422	9/3/2019 10:55:33		-122.364	37.7167				2172.8866	RS-700	1.16859005
16423	9/3/2019 10:55:34		-122.364	37.7167				2147.89431	RS-700	1.044250299
16424	9/3/2019 10:55:35		-122.364	37.7167				2161.12359	RS-700	1.110067612
16425	9/3/2019 10:55:36		-122.364	37.7167				2105.54035	RS-700	0.83353408
16426	9/3/2019 10:55:37		-122.364	37.7167				2123.4896	RS-700	0.922833831
16427	9/3/2019 10:55:38		-122.364	37.7167				2096.25796	RS-700	0.787353035
16428	9/3/2019 10:55:39		-122.364	37.7167				2181.00226	RS-700	1.208966468
16429	9/3/2019 10:55:40		-122.364	37.7167				2155.9891	RS-700	1.084522886
16430	9/3/2019 10:55:41		-122.364	37.7167				2122.65358	RS-700	0.918674527
16431	9/3/2019 10:55:42		-122.364	37.7167				2177.42497	RS-700	1.191169005
16432	9/3/2019 10:55:43		-122.364	37.7167				2169.97766	RS-700	1.154117711
16433	9/3/2019 10:55:44		-122.364	37.7167				2165.44803	RS-700	1.131582239
16434	9/3/2019 10:55:45		-122.364	37.7166				2169.89926	RS-700	1.153727662
16435	9/3/2019 10:55:46		-122.364	37.7166				2117.43907	RS-700	0.892731692
16436	9/3/2019 10:55:47		-122.364	37.7166				2190.78491	RS-700	1.257636368
16437	9/3/2019 10:55:48		-122.364	37.7166				2278.03467	RS-700	1.691714776
16438	9/3/2019 10:55:49		-122.364	37.7166				2154.87891	RS-700	1.078999552
16439	9/3/2019 10:55:50		-122.364	37.7166				2168.55657	RS-700	1.147047612
16440	9/3/2019 10:55:51		-122.364	37.7166				2182.32473	RS-700	1.21554592
16441	9/3/2019 10:55:52		-122.364	37.7166				2212.91044	RS-700	1.367713632
16442	9/3/2019 10:55:53		-122.364	37.7166				2150.87782	RS-700	1.059093632
16443	9/3/2019 10:55:54		-122.364	37.7166				2157.78624	RS-700	1.093463881
16444	9/3/2019 10:55:55		-122.364	37.7166				2263.03762	RS-700	1.617102587
16445	9/3/2019 10:55:56		-122.364	37.7166				2296.15079	RS-700	1.781844726
16446	9/3/2019 10:55:57		-122.364	37.7166				2250.14918	RS-700	1.552980995
16447	9/3/2019 10:55:58		-122.364	37.7166				2341.0714	RS-700	2.005330348
16448	9/3/2019 10:55:59		-122.364	37.7166				2196.78429	RS-700	1.28748403
16449	9/3/2019 10:56:00		-122.364	37.7166				2287.78629	RS-700	1.740230299
16450	9/3/2019 10:56:01		-122.364	37.7166				2160.67041	RS-700	1.107812985
16451	9/3/2019 10:56:02		-122.364	37.7166				2242.80595	RS-700	1.516447512
16452	9/3/2019 10:56:03		-122.364	37.7166				2184.45348	RS-700	1.226136716
16453	9/3/2019 10:56:04		-122.364	37.7166				2285.06763	RS-700	1.726704627
16454	9/3/2019 10:56:05		-122.364	37.7166				2247.81907	RS-700	1.541388408
16455	9/3/2019 10:56:06		-122.364	37.7166				2189.99014	RS-700	1.253682289
16456	9/3/2019 10:56:07		-122.364	37.7166				2211.44579	RS-700	1.360426816
16457	9/3/2019 10:56:08		-122.364	37.7166				2257.58184	RS-700	1.589959403
16458	9/3/2019 10:56:09		-122.364	37.7166				2121.7599	RS-700	0.914228358
16459	9/3/2019 10:56:10		-122.364	37.7166				2246.02604	RS-700	1.532467861
16460	9/3/2019 10:56:11		-122.364	37.7166				2180.1078	RS-700	1.204516418
16461	9/3/2019 10:56:12		-122.364	37.7166				2245.81416	RS-700	1.531413731
16462	9/3/2019 10:56:13		-122.364	37.7166				2172.8778	RS-700	1.168546269
16463	9/3/2019 10:56:14		-122.364	37.7166				2194.78871	RS-700	1.277555771
16464	9/3/2019 10:56:15		-122.364	37.7166				2255.58215	RS-700	1.580010697
16465	9/3/2019 10:56:16		-122.364	37.7166				2208.56077	RS-700	1.346073483
16466	9/3/2019 10:56:17		-122.364	37.7166				2135.22099	RS-700	0.981198955
16467	9/3/2019 10:56:18		-122.364	37.7166				2250.25051	RS-700	1.553485124
16468	9/3/2019 10:56:19		-122.364	37.7166				2186.43033	RS-700	1.235971791
16469	9/3/2019 10:56:20		-122.364	37.7166				2220.57323	RS-700	1.405836965

Gamma Scan Survey Results
Survey Unit 5 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
16470	9/3/2019 10:56:21		-122.364	37.7166				2117.12336	RS-700	0.891160995
16471	9/3/2019 10:56:22		-122.364	37.7166				2183.77698	RS-700	1.222771045
16472	9/3/2019 10:56:23		-122.364	37.7166				2252.91888	RS-700	1.566760597
16473	9/3/2019 10:56:24		-122.364	37.7166				2181.45393	RS-700	1.211213582
16474	9/3/2019 10:56:25		-122.364	37.7166				2229.0209	RS-700	1.447865174
16475	9/3/2019 10:56:26		-122.364	37.7166				2241.7164	RS-700	1.511026866
16476	9/3/2019 10:56:27		-122.364	37.7166				2168.99817	RS-700	1.149244627
16477	9/3/2019 10:56:28		-122.364	37.7166				2216.01439	RS-700	1.383156169
16478	9/3/2019 10:56:29		-122.364	37.7166				2135.97521	RS-700	0.984951294
16479	9/3/2019 10:56:30		-122.364	37.7166				2179.88096	RS-700	1.203387861
16480	9/3/2019 10:56:31		-122.364	37.7166				2055.73091	RS-700	0.58572592
16481	9/3/2019 10:56:32		-122.364	37.7166				2176.41737	RS-700	1.18615607
16482	9/3/2019 10:56:33		-122.364	37.7166				2085.74345	RS-700	0.73504204
16483	9/3/2019 10:56:34		-122.364	37.7166				2105.54333	RS-700	0.833548905
16484	9/3/2019 10:56:35		-122.364	37.7166				2141.54536	RS-700	1.012663483
16485	9/3/2019 10:56:36		-122.364	37.7166				2118.86998	RS-700	0.899850647
16486	9/3/2019 10:56:37		-122.364	37.7166				2117.54679	RS-700	0.893267612
16487	9/3/2019 10:56:38		-122.364	37.7166				2210.67861	RS-700	1.35661
16488	9/3/2019 10:56:39		-122.364	37.7166				2097.53749	RS-700	0.793718856
16489	9/3/2019 10:56:40		-122.364	37.7166				2122.08558	RS-700	0.915848657
16490	9/3/2019 10:56:41		-122.364	37.7166				2161.09328	RS-700	1.109916816
16491	9/3/2019 10:56:42		-122.364	37.7165				2120.08473	RS-700	0.905894179
16492	9/3/2019 10:56:43		-122.364	37.7165				2031.82359	RS-700	0.46678403
16493	9/3/2019 10:56:44		-122.364	37.7165				2172.65642	RS-700	1.167444876
16494	9/3/2019 10:56:45		-122.364	37.7165				2119.98009	RS-700	0.905373582
16495	9/3/2019 10:56:46		-122.364	37.7165				2154.87793	RS-700	1.078994677
16496	9/3/2019 10:56:47		-122.364	37.7165				2218.68334	RS-700	1.396434527
16497	9/3/2019 10:56:48		-122.364	37.7165				2056.63498	RS-700	0.590223781
16498	9/3/2019 10:56:49		-122.364	37.7165				2109.44299	RS-700	0.852950199
16499	9/3/2019 10:56:50		-122.364	37.7165				2132.52911	RS-700	0.967806517
16500	9/3/2019 10:56:51		-122.364	37.7165				2219.46217	RS-700	1.400309303
16501	9/3/2019 10:56:52		-122.364	37.7165				2127.43967	RS-700	0.94248592
16502	9/3/2019 10:56:53		-122.364	37.7165				2156.6616	RS-700	1.087868657
16503	9/3/2019 10:56:54		-122.364	37.7165				2128.65533	RS-700	0.94853398
16504	9/3/2019 10:56:55		-122.364	37.7165				2034.62619	RS-700	0.480727313
16505	9/3/2019 10:56:56		-122.364	37.7165				2179.10477	RS-700	1.199526219
16506	9/3/2019 10:56:57		-122.364	37.7165				2130.55128	RS-700	0.957966567
16507	9/3/2019 10:56:58		-122.364	37.7165				2216.68066	RS-700	1.386470945
16508	9/3/2019 10:56:59		-122.364	37.7165				2108.86299	RS-700	0.850064627
16509	9/3/2019 10:57:00		-122.364	37.7165				2091.8523	RS-700	0.765434328
16510	9/3/2019 10:57:01		-122.364	37.7165				2066.31826	RS-700	0.638399303
16511	9/3/2019 10:57:02		-122.364	37.7165				2066.36726	RS-700	0.638643085
16512	9/3/2019 10:57:03		-122.364	37.7165				2133.87668	RS-700	0.974510846
16513	9/3/2019 10:57:04		-122.364	37.7165				2068.42871	RS-700	0.648899055
16514	9/3/2019 10:57:05		-122.364	37.7165				2044.83443	RS-700	0.531514577
16515	9/3/2019 10:57:06		-122.364	37.7165				2191.32903	RS-700	1.260343433
16516	9/3/2019 10:57:07		-122.364	37.7165				2119.17885	RS-700	0.901387313
16517	9/3/2019 10:57:08		-122.364	37.7165				2045.61631	RS-700	0.535404527
16518	9/3/2019 10:57:09		-122.364	37.7165				2019.83471	RS-700	0.407137861
16519	9/3/2019 10:57:10		-122.364	37.7165				2028.61976	RS-700	0.450844577
16520	9/3/2019 10:57:11		-122.364	37.7165				2092.22625	RS-700	0.767294776
16521	9/3/2019 10:57:12		-122.364	37.7165				2020.73882	RS-700	0.41163592
16522	9/3/2019 10:57:13		-122.364	37.7165				2122.76132	RS-700	0.919210547
16523	9/3/2019 10:57:14		-122.364	37.7165				2028.13159	RS-700	0.448415871
16524	9/3/2019 10:57:15		-122.364	37.7165				1971.40859	RS-700	0.166211891
16525	9/3/2019 10:57:16		-122.364	37.7165				1859.39802	RS-700	-0.391054627
16526	9/3/2019 10:57:17		-122.364	37.7165				1948.20815	RS-700	0.050786816
16527	9/3/2019 10:57:18		-122.364	37.7165				1885.58064	RS-700	-0.260792836
16528	9/3/2019 10:57:19		-122.364	37.7165				1864.10609	RS-700	-0.367631393
16529	9/3/2019 10:57:20		-122.364	37.7165				1868.48548	RS-700	-0.345843383
16530	9/3/2019 10:57:21		-122.364	37.7165				1887.29922	RS-700	-0.252242687

Gamma Scan Survey Results
Survey Unit 5 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
16531	9/3/2019 10:57:22		-122.364	37.7164				1946.50106	RS-700	0.042293831
16532	9/3/2019 10:57:23		-122.364	37.7164				1962.91399	RS-700	0.123950199
16533	9/3/2019 10:57:24		-122.364	37.7164				1997.00628	RS-700	0.293563582
16534	9/3/2019 10:57:25		-122.364	37.7164				2006.62285	RS-700	0.341407214
16535	9/3/2019 10:57:26		-122.364	37.7164				2088.85162	RS-700	0.750505572
16536	9/3/2019 10:57:27		-122.364	37.7164				2025.82231	RS-700	0.436926915
16537	9/3/2019 10:57:28		-122.364	37.7164				2075.95367	RS-700	0.686336667
16538	9/3/2019 10:57:29		-122.364	37.7164				2137.29563	RS-700	0.991520547
16539	9/3/2019 10:57:30		-122.364	37.7164				2116.65409	RS-700	0.888826318
16540	9/3/2019 10:57:31		-122.364	37.7164				2120.18582	RS-700	0.906397114
16541	9/3/2019 10:57:32		-122.364	37.7164				2058.85116	RS-700	0.601249552
16542	9/3/2019 10:57:33		-122.364	37.7164				2013.63197	RS-700	0.376278458
16543	9/3/2019 10:57:34		-122.364	37.7164				2110.17705	RS-700	0.856602239
16544	9/3/2019 10:57:35		-122.363	37.7164				2050.11284	RS-700	0.557775323
16545	9/3/2019 10:57:36		-122.363	37.7164				2030.42117	RS-700	0.459806816
16546	9/3/2019 10:57:37		-122.363	37.7164				2101.65189	RS-700	0.814188507
16547	9/3/2019 10:57:38		-122.363	37.7164				2094.37292	RS-700	0.777974726
16548	9/3/2019 10:57:39		-122.363	37.7164				2072.2596	RS-700	0.667958209
16549	9/3/2019 10:57:40		-122.363	37.7164				2046.23241	RS-700	0.538469701
16550	9/3/2019 10:57:41		-122.363	37.7164				2060.14775	RS-700	0.607700249
16551	9/3/2019 10:57:42		-122.363	37.7164				2057.63352	RS-700	0.595191642
16552	9/3/2019 10:57:43		-122.363	37.7164				2053.84085	RS-700	0.576322637
16553	9/3/2019 10:57:44		-122.363	37.7164				2084.74462	RS-700	0.730072736
16554	9/3/2019 10:57:45		-122.363	37.7164				2079.84895	RS-700	0.705716169
16555	9/3/2019 10:57:46		-122.363	37.7164				1997.61561	RS-700	0.296595075
16556	9/3/2019 10:57:47		-122.363	37.7164				1984.31759	RS-700	0.230435771
16557	9/3/2019 10:57:48		-122.363	37.7164				2039.73609	RS-700	0.506149701
16558	9/3/2019 10:57:49		-122.363	37.7164				2017.42049	RS-700	0.395126816
16559	9/3/2019 10:57:50		-122.363	37.7164				1935.79442	RS-700	-0.010973035
16560	9/3/2019 10:57:51		-122.363	37.7164				1996.51829	RS-700	0.291135771
16561	9/3/2019 10:57:52		-122.363	37.7164				2045.41574	RS-700	0.534406667
16562	9/3/2019 10:57:53		-122.363	37.7163				2083.75067	RS-700	0.725127711
16563	9/3/2019 10:57:54		-122.363	37.7163				2008.70459	RS-700	0.351764129
16564	9/3/2019 10:57:55		-122.363	37.7163				2079.84828	RS-700	0.705712836
16565	9/3/2019 10:57:56		-122.363	37.7163				2053.53214	RS-700	0.574786766
16566	9/3/2019 10:57:57		-122.363	37.7163				2008.20741	RS-700	0.349290597
16567	9/3/2019 10:57:58		-122.363	37.7163				2032.72067	RS-700	0.471247114
16568	9/3/2019 10:57:59		-122.363	37.7163				2084.64254	RS-700	0.729564876
16569	9/3/2019 10:58:00		-122.363	37.7163				1948.40323	RS-700	0.051757363
16570	9/3/2019 10:58:01		-122.363	37.7163				2120.75342	RS-700	0.909220995
16571	9/3/2019 10:58:02		-122.363	37.7163				2035.2315	RS-700	0.483738806
16572	9/3/2019 10:58:03		-122.363	37.7163				2038.83283	RS-700	0.501655871
16573	9/3/2019 10:58:04		-122.363	37.7163				2022.32913	RS-700	0.41954791
16574	9/3/2019 10:58:05		-122.363	37.7163				1691.52186	RS-700	-1.226259403
16575	9/3/2019 10:58:06		-122.363	37.7163				1606.26137	RS-700	-1.650440945
16576	9/3/2019 10:58:07		-122.363	37.7163				1873.66844	RS-700	-0.320057512
16577	9/3/2019 10:58:08		-122.363	37.7163				1975.90732	RS-700	0.188593632
16578	9/3/2019 10:58:09		-122.363	37.7163				1954.69524	RS-700	0.083060896
16579	9/3/2019 10:58:10		-122.363	37.7163				1997.41659	RS-700	0.295604925
16580	9/3/2019 10:58:11		-122.363	37.7163				1933.59608	RS-700	-0.02191005
16581	9/3/2019 10:58:12		-122.363	37.7163				2007.14259	RS-700	0.343992985
16582	9/3/2019 10:58:13		-122.363	37.7163				1938.2671	RS-700	0.001328856
16583	9/3/2019 10:58:14		-122.363	37.7163				1945.88944	RS-700	0.039250945
16584	9/3/2019 10:58:15		-122.363	37.7163				1940.98191	RS-700	0.014835373
16585	9/3/2019 10:58:16		-122.363	37.7163				1957.40504	RS-700	0.096542488
16586	9/3/2019 10:58:17		-122.363	37.7163				1965.70441	RS-700	0.137832886
16587	9/3/2019 10:58:18		-122.363	37.7163				1939.59932	RS-700	0.007956816
16588	9/3/2019 10:58:19		-122.363	37.7163				2073.53005	RS-700	0.674278856
16589	9/3/2019 10:58:20		-122.363	37.7163				2116.54994	RS-700	0.888308159
16590	9/3/2019 10:58:21		-122.363	37.7163				2115.75706	RS-700	0.884363483
16591	9/3/2019 10:58:22		-122.363	37.7163				2132.77175	RS-700	0.969013682

Gamma Scan Survey Results
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SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
16592	9/3/2019 10:58:23		-122.363	37.7163				2063.25956	RS-700	0.623181891
16593	9/3/2019 10:58:24		-122.363	37.7163				2154.52627	RS-700	1.077245124
16594	9/3/2019 10:58:25		-122.363	37.7163				2129.17954	RS-700	0.95114199
16595	9/3/2019 10:58:26		-122.363	37.7163				2127.39949	RS-700	0.94228602
16596	9/3/2019 10:58:27		-122.363	37.7163				2106.9642	RS-700	0.84061791
16597	9/3/2019 10:58:28		-122.363	37.7162				2078.74429	RS-700	0.700220348
16598	9/3/2019 10:58:29		-122.363	37.7162				2120.76306	RS-700	0.909268955
16599	9/3/2019 10:58:30		-122.363	37.7162				2029.92388	RS-700	0.457332736
16600	9/3/2019 10:58:31		-122.363	37.7162				2118.78416	RS-700	0.899423682
16601	9/3/2019 10:58:32		-122.363	37.7162				2008.61052	RS-700	0.351296119
16602	9/3/2019 10:58:33		-122.363	37.7162				2032.13605	RS-700	0.468338557
16603	9/3/2019 10:58:34		-122.363	37.7162				1972.6063	RS-700	0.172170647
16604	9/3/2019 10:58:35		-122.363	37.7162				2015.22621	RS-700	0.38421
16605	9/3/2019 10:58:36		-122.363	37.7162				1992.91276	RS-700	0.273197811
16606	9/3/2019 10:58:37		-122.363	37.7162				2047.05774	RS-700	0.542575821
16607	9/3/2019 10:58:38		-122.363	37.7162				2054.7393	RS-700	0.580792537
16608	9/3/2019 10:58:39		-122.363	37.7162				1988.91574	RS-700	0.253312139
16609	9/3/2019 10:58:40		-122.363	37.7162				2074.64501	RS-700	0.67982592
16610	9/3/2019 10:58:41		-122.363	37.7162				2031.14663	RS-700	0.46341607
16611	9/3/2019 10:58:42		-122.363	37.7162				2026.82582	RS-700	0.441919502
16612	9/3/2019 10:58:43		-122.363	37.7162				2126.44218	RS-700	0.937523284
16613	9/3/2019 10:58:44		-122.363	37.7162				2102.22647	RS-700	0.817047114
16614	9/3/2019 10:58:45		-122.363	37.7162				2098.06589	RS-700	0.796347711
16615	9/3/2019 10:58:46		-122.363	37.7162				2099.85607	RS-700	0.80525408
16616	9/3/2019 10:58:47		-122.363	37.7162				2046.15038	RS-700	0.538061592
16617	9/3/2019 10:58:48		-122.363	37.7162				2042.6487	RS-700	0.520640299
16618	9/3/2019 10:58:49		-122.363	37.7162				1986.5097	RS-700	0.241341791
16619	9/3/2019 10:58:50		-122.363	37.7162				2054.74188	RS-700	0.580805373
16620	9/3/2019 10:58:51		-122.363	37.7162				2116.54654	RS-700	0.888291244
16621	9/3/2019 10:58:52		-122.363	37.7162				2076.03628	RS-700	0.686747662
16622	9/3/2019 10:58:53		-122.363	37.7162				1949.50063	RS-700	0.057217065
16623	9/3/2019 10:58:54		-122.363	37.7162				2094.64089	RS-700	0.77930791
16624	9/3/2019 10:58:55		-122.363	37.7162				2003.51047	RS-700	0.325922736
16625	9/3/2019 10:58:56		-122.363	37.7162				2096.93177	RS-700	0.790705323
16626	9/3/2019 10:58:57		-122.363	37.7162				2084.64507	RS-700	0.729577463
16627	9/3/2019 10:58:58		-122.363	37.7162				2063.63365	RS-700	0.625043035
16628	9/3/2019 10:58:59		-122.363	37.7162				2090.64477	RS-700	0.759426716
16629	9/3/2019 10:59:00		-122.363	37.7162				2074.4251	RS-700	0.678731841
16630	9/3/2019 10:59:01		-122.363	37.7162				2117.75553	RS-700	0.894306119
16631	9/3/2019 10:59:02		-122.363	37.7162				2014.32481	RS-700	0.379725423
16632	9/3/2019 10:59:03		-122.363	37.7161				2007.92131	RS-700	0.347867214
16633	9/3/2019 10:59:04		-122.363	37.7161				1978.91765	RS-700	0.203570398
16634	9/3/2019 10:59:05		-122.363	37.7161				2088.95686	RS-700	0.751029154
16635	9/3/2019 10:59:06		-122.363	37.7161				1995.3071	RS-700	0.28510995
16636	9/3/2019 10:59:07		-122.363	37.7161				1910.76882	RS-700	-0.135478507
16637	9/3/2019 10:59:08		-122.363	37.7161				2007.81899	RS-700	0.347358159
16638	9/3/2019 10:59:09		-122.363	37.7161				1920.05429	RS-700	-0.089282139
16639	9/3/2019 10:59:10		-122.363	37.7161				1912.87593	RS-700	-0.124995373
16640	9/3/2019 10:59:11		-122.363	37.7161				1940.49563	RS-700	0.01241607
16641	9/3/2019 10:59:12		-122.363	37.7161				1869.94948	RS-700	-0.338559801
16642	9/3/2019 10:59:13		-122.363	37.7161				1894.85375	RS-700	-0.21465796
16643	9/3/2019 10:59:14		-122.363	37.7161				1745.36095	RS-700	-0.958403234
16644	9/3/2019 10:59:15		-122.363	37.7161				1654.51048	RS-700	-1.410395622
16645	9/3/2019 10:59:16		-122.363	37.7161				1895.58313	RS-700	-0.211029204
16646	9/3/2019 10:59:17		-122.363	37.7161				1459.59223	RS-700	-2.380138159
16647	9/3/2019 10:59:18		-122.363	37.7161				1123.22583	RS-700	-4.053602836
16648	9/3/2019 10:59:19		-122.363	37.7161				1264.31961	RS-700	-3.351643731
16649	9/3/2019 10:59:20		-122.363	37.7161				1594.25247	RS-700	-1.710186716
16650	9/3/2019 10:59:21		-122.363	37.7161				1645.3588	RS-700	-1.455926368
16651	9/3/2019 10:59:22		-122.363	37.7161				1944.49648	RS-700	0.032320796
16652	9/3/2019 10:59:23		-122.363	37.7161				2074.74363	RS-700	0.680316567

Gamma Scan Survey Results
Survey Unit 5 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
16653	9/3/2019 10:59:24		-122.363	37.7161				2135.87229	RS-700	0.984439254
16654	9/3/2019 10:59:25		-122.363	37.7161				2129.75689	RS-700	0.954014378
16655	9/3/2019 10:59:26		-122.363	37.7161				2130.86106	RS-700	0.959507761
16656	9/3/2019 10:59:27		-122.363	37.7161				2105.64966	RS-700	0.83407791
16657	9/3/2019 10:59:28		-122.363	37.7161				2081.53491	RS-700	0.71410403
16658	9/3/2019 10:59:29		-122.363	37.7161				1987.21247	RS-700	0.244838159
16659	9/3/2019 10:59:30		-122.363	37.7161				1928.69073	RS-700	-0.046314776
16660	9/3/2019 10:59:31		-122.363	37.716				1919.20506	RS-700	-0.093507164
16661	9/3/2019 10:59:32		-122.363	37.716				1990.90246	RS-700	0.263196318
16662	9/3/2019 10:59:33		-122.363	37.716				1942.60184	RS-700	0.022894726
16663	9/3/2019 10:59:34		-122.363	37.716				2008.62198	RS-700	0.351353134
16664	9/3/2019 10:59:35		-122.363	37.716				1947.79016	RS-700	0.048707264
16665	9/3/2019 10:59:36		-122.363	37.716				1926.15808	RS-700	-0.058915025
16666	9/3/2019 10:59:37		-122.363	37.716				1920.77986	RS-700	-0.085672338
16667	9/3/2019 10:59:38		-122.363	37.716				1834.47285	RS-700	-0.515060448
16668	9/3/2019 10:59:39		-122.363	37.716				1535.31814	RS-700	-2.003392338
16669	9/3/2019 10:59:40		-122.363	37.716				1290.12907	RS-700	-3.223238458
16670	9/3/2019 10:59:41		-122.363	37.716				1253.56584	RS-700	-3.405145075
16671	9/3/2019 10:59:42		-122.363	37.716				1150.12309	RS-700	-3.919785622
16672	9/3/2019 10:59:43		-122.363	37.716				1200.3663	RS-700	-3.669819403
16673	9/3/2019 10:59:44		-122.363	37.716				1122.29081	RS-700	-4.058254677
16674	9/3/2019 10:59:45		-122.363	37.716				1159.30265	RS-700	-3.874116169
16675	9/3/2019 10:59:46		-122.363	37.716				1195.31119	RS-700	-3.694969204
16676	9/3/2019 10:59:47		-122.363	37.716				1234.07181	RS-700	-3.502130299
16677	9/3/2019 10:59:48		-122.363	37.716				1158.41768	RS-700	-3.878519005
16678	9/3/2019 10:59:49		-122.363	37.716				1149.35078	RS-700	-3.92362796
16679	9/3/2019 10:59:50		-122.363	37.716				1122.23493	RS-700	-4.058532687
16680	9/3/2019 10:59:51		-122.363	37.716				1171.18289	RS-700	-3.815010498
16681	9/3/2019 10:59:52		-122.363	37.716				1153.11734	RS-700	-3.904888856
16682	9/3/2019 10:59:53		-122.363	37.716				1149.35321	RS-700	-3.923615871
16683	9/3/2019 10:59:54		-122.363	37.716				1117.23249	RS-700	-4.083420448
16684	9/3/2019 10:59:55		-122.363	37.716				1171.24314	RS-700	-3.814710746
16685	9/3/2019 10:59:56		-122.363	37.716				1139.06533	RS-700	-3.974799353
16686	9/3/2019 10:59:57		-122.363	37.716				1066.17175	RS-700	-4.33745398
16687	9/3/2019 10:59:58		-122.363	37.716				1125.17761	RS-700	-4.043892488
16688	9/3/2019 10:59:59		-122.363	37.716				1166.19203	RS-700	-3.839840647
16689	9/3/2019 11:00:00		-122.363	37.716				1139.23575	RS-700	-3.973951493
16690	9/3/2019 11:00:01		-122.363	37.716				1167.12461	RS-700	-3.835200945
16691	9/3/2019 11:00:02		-122.363	37.716				1157.19506	RS-700	-3.884601692
16692	9/3/2019 11:00:03		-122.363	37.716				1101.28243	RS-700	-4.16277398
16693	9/3/2019 11:00:04		-122.363	37.716				1164.35295	RS-700	-3.848990299
16694	9/3/2019 11:00:05		-122.363	37.716				1128.29132	RS-700	-4.028401393
16695	9/3/2019 11:00:06		-122.363	37.716				1145.06305	RS-700	-3.94495995
16696	9/3/2019 11:00:07		-122.363	37.716				1160.24009	RS-700	-3.869452289
16697	9/3/2019 11:00:08		-122.363	37.716				1202.2483	RS-700	-3.660456219
16698	9/3/2019 11:00:09		-122.363	37.716				1145.30738	RS-700	-3.943744378
16699	9/3/2019 11:00:10		-122.363	37.716				1169.30066	RS-700	-3.824374826
16700	9/3/2019 11:00:11		-122.363	37.716				1189.1883	RS-700	-3.725431343
16701	9/3/2019 11:00:12		-122.363	37.716				1249.32418	RS-700	-3.426247861
16702	9/3/2019 11:00:13		-122.363	37.716				1490.38972	RS-700	-2.226916816
16703	9/3/2019 11:00:14		-122.363	37.716				1807.64432	RS-700	-0.648535721
16704	9/3/2019 11:00:15		-122.363	37.716				1916.78269	RS-700	-0.105558756
16705	9/3/2019 11:00:16		-122.363	37.716				1940.59791	RS-700	0.012924925
16706	9/3/2019 11:00:17		-122.363	37.716				1969.71164	RS-700	0.157769353
16707	9/3/2019 11:00:18		-122.363	37.716				1925.49969	RS-700	-0.062190597
16708	9/3/2019 11:00:19		-122.363	37.716				1858.65073	RS-700	-0.394772488
16709	9/3/2019 11:00:20		-122.363	37.716				1776.72463	RS-700	-0.802365025
16710	9/3/2019 11:00:21		-122.363	37.716				1592.25457	RS-700	-1.720126517
16711	9/3/2019 11:00:22		-122.363	37.716				1546.54944	RS-700	-1.947515224
16712	9/3/2019 11:00:23		-122.363	37.716				1572.57946	RS-700	-1.818012637
16713	9/3/2019 11:00:24		-122.363	37.716				1697.10005	RS-700	-1.198507214

Gamma Scan Survey Results
Survey Unit 5 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
16714	9/3/2019 11:00:25		-122.363	37.716				1819.28611	RS-700	-0.590616368
16715	9/3/2019 11:00:26		-122.363	37.716				1915.68818	RS-700	-0.11100408
16716	9/3/2019 11:00:27		-122.363	37.716				1988.51384	RS-700	0.251312637
16717	9/3/2019 11:00:28		-122.363	37.716				1975.50872	RS-700	0.186610547
16718	9/3/2019 11:00:29		-122.363	37.716				1849.38647	RS-700	-0.440863333
16719	9/3/2019 11:00:30		-122.363	37.716				1755.79807	RS-700	-0.906477264
16720	9/3/2019 11:00:31		-122.363	37.716				1510.54484	RS-700	-2.126642587
16721	9/3/2019 11:00:32		-122.363	37.716				1589.09076	RS-700	-1.735866866
16722	9/3/2019 11:00:33		-122.363	37.716				1916.4918	RS-700	-0.10700597
16723	9/3/2019 11:00:34		-122.363	37.716				2033.13496	RS-700	0.473308259
16724	9/3/2019 11:00:35		-122.363	37.716				2044.94109	RS-700	0.532045224
16725	9/3/2019 11:00:36		-122.363	37.716				2114.54693	RS-700	0.878342935
16726	9/3/2019 11:00:37		-122.363	37.716				2084.95252	RS-700	0.731107065
16727	9/3/2019 11:00:38		-122.363	37.716				2005.01755	RS-700	0.333420647
16728	9/3/2019 11:00:39		-122.363	37.716				2039.72746	RS-700	0.506106766
16729	9/3/2019 11:00:40		-122.363	37.716				2106.54364	RS-700	0.838525572
16730	9/3/2019 11:00:41		-122.363	37.716				2046.52881	RS-700	0.539944328
16731	9/3/2019 11:00:42		-122.363	37.716				2124.63681	RS-700	0.928541343
16732	9/3/2019 11:00:43		-122.363	37.716				2062.63557	RS-700	0.620077463
16733	9/3/2019 11:00:44		-122.363	37.716				2002.71903	RS-700	0.321985224
16734	9/3/2019 11:00:45		-122.363	37.716				2030.63023	RS-700	0.460846915
16735	9/3/2019 11:00:46		-122.363	37.716				2053.94061	RS-700	0.576818955
16736	9/3/2019 11:00:47		-122.363	37.716				1966.70228	RS-700	0.142797413
16737	9/3/2019 11:00:48		-122.363	37.7159				2052.00262	RS-700	0.567177214
16738	9/3/2019 11:00:49		-122.363	37.7159				1943.50321	RS-700	0.027379154
16739	9/3/2019 11:00:50		-122.363	37.7159				1930.97778	RS-700	-0.034936418
16740	9/3/2019 11:00:51		-122.363	37.7159				2051.94064	RS-700	0.566868856
16741	9/3/2019 11:00:52		-122.363	37.7159				2055.73725	RS-700	0.585757463
16742	9/3/2019 11:00:53		-122.363	37.7159				2007.12386	RS-700	0.343899801
16743	9/3/2019 11:00:54		-122.363	37.7159				2095.86035	RS-700	0.785374876
16744	9/3/2019 11:00:55		-122.363	37.7159				2081.53542	RS-700	0.714106567
16745	9/3/2019 11:00:56		-122.363	37.7159				1993.71119	RS-700	0.2771701
16746	9/3/2019 11:00:57		-122.363	37.7159				1975.90108	RS-700	0.188562587
16747	9/3/2019 11:00:58		-122.363	37.7159				1958.60322	RS-700	0.102503582
16748	9/3/2019 11:00:59		-122.363	37.7159				1921.16779	RS-700	-0.083742338
16749	9/3/2019 11:01:00		-122.363	37.7159				2094.75422	RS-700	0.779871741
16750	9/3/2019 11:01:01		-122.363	37.7159				2085.61642	RS-700	0.73441005
16751	9/3/2019 11:01:02		-122.363	37.7159				2110.75444	RS-700	0.859474826
16752	9/3/2019 11:01:03		-122.363	37.7159				2094.42601	RS-700	0.778238856
16753	9/3/2019 11:01:04		-122.363	37.7159				2049.73747	RS-700	0.555907811
16754	9/3/2019 11:01:05		-122.363	37.7159				2024.62334	RS-700	0.430961891
16755	9/3/2019 11:01:06		-122.363	37.7159				2038.03729	RS-700	0.49769796
16756	9/3/2019 11:01:07		-122.363	37.7159				2041.52992	RS-700	0.515074229
16757	9/3/2019 11:01:08		-122.363	37.7159				2047.83683	RS-700	0.546451891
16758	9/3/2019 11:01:09		-122.363	37.7159				1963.89791	RS-700	0.128845323
16759	9/3/2019 11:01:10		-122.363	37.7159				1992.00886	RS-700	0.268700796
16760	9/3/2019 11:01:11		-122.363	37.7159				1904.68119	RS-700	-0.165765224
16761	9/3/2019 11:01:12		-122.363	37.7159				1908.86611	RS-700	-0.144944726
16762	9/3/2019 11:01:13		-122.363	37.7159				2010.72134	RS-700	0.361797711
16763	9/3/2019 11:01:14		-122.363	37.7159				2006.61897	RS-700	0.34138791
16764	9/3/2019 11:01:15		-122.363	37.7159				1916.68948	RS-700	-0.106022488
16765	9/3/2019 11:01:16		-122.363	37.7159				2000.03637	RS-700	0.308638657
16766	9/3/2019 11:01:17		-122.363	37.7159				2124.86076	RS-700	0.929655522
16767	9/3/2019 11:01:18		-122.363	37.7159				2029.62418	RS-700	0.455841692
16768	9/3/2019 11:01:19		-122.363	37.7159				1853.85401	RS-700	-0.418636766
16769	9/3/2019 11:01:20		-122.363	37.7159				1877.57928	RS-700	-0.300600597
16770	9/3/2019 11:01:21		-122.363	37.7158				1880.48271	RS-700	-0.286155672
16771	9/3/2019 11:01:22		-122.363	37.7158				1900.3921	RS-700	-0.18710398
16772	9/3/2019 11:01:23		-122.363	37.7158				1854.84234	RS-700	-0.413719701
16773	9/3/2019 11:01:24		-122.363	37.7158				1893.58327	RS-700	-0.220978756
16774	9/3/2019 11:01:25		-122.363	37.7158				1983.71126	RS-700	0.227419204

Gamma Scan Survey Results
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SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
16775	9/3/2019 11:01:26		-122.363	37.7158				1836.47325	RS-700	-0.505108209
16776	9/3/2019 11:01:27		-122.363	37.7158				1713.06862	RS-700	-1.119061592
16777	9/3/2019 11:01:28		-122.362	37.7158				1853.12598	RS-700	-0.422258806
16778	9/3/2019 11:01:29		-122.362	37.7158				1744.54079	RS-700	-0.962483632
16779	9/3/2019 11:01:30		-122.362	37.7158				1733.79613	RS-700	-1.015939652
16780	9/3/2019 11:01:31		-122.362	37.7158				1788.64209	RS-700	-0.743074179
16781	9/3/2019 11:01:32		-122.362	37.7158				1778.79693	RS-700	-0.792055075
16782	9/3/2019 11:01:33		-122.362	37.7158				1724.52819	RS-700	-1.062048806
16783	9/3/2019 11:01:34		-122.362	37.7158				1778.55235	RS-700	-0.793271891
16784	9/3/2019 11:01:35		-122.362	37.7158				1706.44124	RS-700	-1.152033632
16785	9/3/2019 11:01:36		-122.362	37.7158				1752.53681	RS-700	-0.922702438
16786	9/3/2019 11:01:37		-122.362	37.7158				1780.72707	RS-700	-0.782452388
16787	9/3/2019 11:01:38		-122.362	37.7158				1877.57815	RS-700	-0.300606219
16788	9/3/2019 11:01:39		-122.362	37.7158				2033.62624	RS-700	0.475752438
16789	9/3/2019 11:01:40		-122.362	37.7158				2014.21509	RS-700	0.379179552
16790	9/3/2019 11:01:41		-122.362	37.7158				1954.19459	RS-700	0.0805701
16791	9/3/2019 11:01:42		-122.362	37.7158				1955.60576	RS-700	0.087590846
16792	9/3/2019 11:01:43		-122.362	37.7158				1964.6059	RS-700	0.132367662
16793	9/3/2019 11:01:44		-122.362	37.7158				1873.57991	RS-700	-0.32049796
16794	9/3/2019 11:01:45		-122.362	37.7158				2051.6268	RS-700	0.565307463
16795	9/3/2019 11:01:46		-122.362	37.7158				2054.83969	RS-700	0.58129199
16796	9/3/2019 11:01:47		-122.362	37.7158				2048.03241	RS-700	0.547424925
16797	9/3/2019 11:01:48		-122.362	37.7158				2097.3316	RS-700	0.792694527
16798	9/3/2019 11:01:49		-122.362	37.7158				2065.93961	RS-700	0.636515473
16799	9/3/2019 11:01:50		-122.362	37.7157				2001.71519	RS-700	0.316990995
16800	9/3/2019 11:01:51		-122.362	37.7157				1902.48994	RS-700	-0.176666965
16801	9/3/2019 11:01:52		-122.362	37.7157				2015.12501	RS-700	0.383706517
16802	9/3/2019 11:01:53		-122.362	37.7157				1994.71137	RS-700	0.282146119
16803	9/3/2019 11:01:54		-122.362	37.7157				1620.55225	RS-700	-1.57934204
16804	9/3/2019 11:01:55		-122.362	37.7157				1336.26361	RS-700	-2.993713383
16805	9/3/2019 11:01:56		-122.362	37.7157				1128.24848	RS-700	-4.028614527
16806	9/3/2019 11:01:57		-122.362	37.7157				1124.57845	RS-700	-4.046873383
16807	9/3/2019 11:01:58		-122.362	37.7157				1310.24744	RS-700	-3.123147065
16808	9/3/2019 11:01:59		-122.362	37.7157				1791.46516	RS-700	-0.729029055
16809	9/3/2019 11:02:00		-122.362	37.7157				1892.20226	RS-700	-0.227849453
16810	9/3/2019 11:02:01		-122.362	37.7157				1946.69734	RS-700	0.043270348
16811	9/3/2019 11:02:02		-122.362	37.7157				1761.64459	RS-700	-0.8773901
16812	9/3/2019 11:02:03		-122.362	37.7157				1710.69818	RS-700	-1.130854826
16813	9/3/2019 11:02:04		-122.362	37.7157				1817.56063	RS-700	-0.599200846
16814	9/3/2019 11:02:05		-122.362	37.7157				2036.52758	RS-700	0.490186965
16815	9/3/2019 11:02:06		-122.362	37.7157				2136.4434	RS-700	0.987280597
16816	9/3/2019 11:02:07		-122.362	37.7157				2113.96633	RS-700	0.875454378
16817	9/3/2019 11:02:08		-122.362	37.7157				2051.42015	RS-700	0.564279353
16818	9/3/2019 11:02:09		-122.362	37.7157				2101.64344	RS-700	0.814146468
16819	9/3/2019 11:02:10		-122.362	37.7157				2121.9976	RS-700	0.915410945
16820	9/3/2019 11:02:11		-122.362	37.7157				2164.77102	RS-700	1.12821403
16821	9/3/2019 11:02:12		-122.362	37.7157				2097.64257	RS-700	0.794241642
16822	9/3/2019 11:02:13		-122.362	37.7157				1951.69272	RS-700	0.068122985
16823	9/3/2019 11:02:14		-122.362	37.7157				1909.25264	RS-700	-0.143021692
16824	9/3/2019 11:02:15		-122.362	37.7157				1892.19949	RS-700	-0.227863234
16825	9/3/2019 11:02:16		-122.362	37.7157				1937.78775	RS-700	-0.00105597
16826	9/3/2019 11:02:17		-122.362	37.7157				1980.19655	RS-700	0.209933085
16827	9/3/2019 11:02:18		-122.362	37.7157				1909.06587	RS-700	-0.143950896
16828	9/3/2019 11:02:19		-122.362	37.7157				2064.25948	RS-700	0.628156617
16829	9/3/2019 11:02:20		-122.362	37.7157				2041.651	RS-700	0.515676617
16830	9/3/2019 11:02:21		-122.362	37.7157				2094.17155	RS-700	0.776972886
16831	9/3/2019 11:02:22		-122.362	37.7157				2047.94258	RS-700	0.54697801
16832	9/3/2019 11:02:23		-122.362	37.7157				2029.63709	RS-700	0.45590592
16833	9/3/2019 11:02:24		-122.362	37.7157				2058.21847	RS-700	0.598101841
16834	9/3/2019 11:02:25		-122.362	37.7157				1913.68714	RS-700	-0.120959502
16835	9/3/2019 11:02:26		-122.362	37.7157				1917.49396	RS-700	-0.1020201

Gamma Scan Survey Results
Survey Unit 5 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
16836	9/3/2019 11:02:27		-122.362	37.7157				1906.30312	RS-700	-0.15769592
16837	9/3/2019 11:02:28		-122.362	37.7157				1894.68114	RS-700	-0.215516716
16838	9/3/2019 11:02:29		-122.362	37.7157				1888.57541	RS-700	-0.245893483
16839	9/3/2019 11:02:30		-122.362	37.7156				1865.68382	RS-700	-0.35978199
16840	9/3/2019 11:02:31		-122.362	37.7157				1877.5777	RS-700	-0.300608458
16841	9/3/2019 11:02:32		-122.362	37.7157				1885.86959	RS-700	-0.259355274
16842	9/3/2019 11:02:33		-122.362	37.7157				1907.58907	RS-700	-0.151298159
16843	9/3/2019 11:02:34		-122.362	37.7157				1861.74663	RS-700	-0.37937
16844	9/3/2019 11:02:35		-122.362	37.7157				1911.35692	RS-700	-0.132552637
16845	9/3/2019 11:02:36		-122.362	37.7157				1936.08107	RS-700	-0.009546915
16846	9/3/2019 11:02:37		-122.362	37.7157				1930.60064	RS-700	-0.036812736
16847	9/3/2019 11:02:38		-122.362	37.7157				1909.06719	RS-700	-0.143944328
16848	9/3/2019 11:02:39		-122.362	37.7157				1989.70568	RS-700	0.257242189
16849	9/3/2019 11:02:40		-122.362	37.7157				2002.81803	RS-700	0.322477761
16850	9/3/2019 11:02:41		-122.362	37.7157				2073.84605	RS-700	0.675850995
16851	9/3/2019 11:02:42		-122.362	37.7157				2096.22715	RS-700	0.787199751
16852	9/3/2019 11:02:43		-122.362	37.7157				1963.59887	RS-700	0.127357562
16853	9/3/2019 11:02:44		-122.362	37.7156				2014.42231	RS-700	0.380210498
16854	9/3/2019 11:02:45		-122.362	37.7156				1996.61713	RS-700	0.291627512
16855	9/3/2019 11:02:46		-122.362	37.7156				1957.89553	RS-700	0.098982736
16856	9/3/2019 11:02:47		-122.362	37.7156				2056.9432	RS-700	0.591757214
16857	9/3/2019 11:02:48		-122.362	37.7156				2023.72481	RS-700	0.426491592
16858	9/3/2019 11:02:49		-122.362	37.7156				2077.05889	RS-700	0.691835274
16859	9/3/2019 11:02:50		-122.362	37.7156				2086.27127	RS-700	0.73766801
16860	9/3/2019 11:02:51		-122.362	37.7156				2125.28512	RS-700	0.931766766
16861	9/3/2019 11:02:52		-122.362	37.7156				2134.08317	RS-700	0.975538159
16862	9/3/2019 11:02:53		-122.362	37.7156				1992.1259	RS-700	0.269283085
16863	9/3/2019 11:02:54		-122.362	37.7156				2078.1619	RS-700	0.697322886
16864	9/3/2019 11:02:55		-122.362	37.7156				2179.77609	RS-700	1.202866119
16865	9/3/2019 11:02:56		-122.362	37.7156				2089.94906	RS-700	0.755965473
16866	9/3/2019 11:02:57		-122.362	37.7156				2091.64406	RS-700	0.764398308
16867	9/3/2019 11:02:58		-122.362	37.7156				2038.627	RS-700	0.500631841
16868	9/3/2019 11:02:59		-122.362	37.7156				2057.94631	RS-700	0.596747811
16869	9/3/2019 11:03:00		-122.362	37.7156				1949.60061	RS-700	0.057714478
16870	9/3/2019 11:03:01		-122.362	37.7156				2090.4403	RS-700	0.758409453
16871	9/3/2019 11:03:02		-122.362	37.7156				2018.02918	RS-700	0.398155124
16872	9/3/2019 11:03:03		-122.362	37.7156				2085.04977	RS-700	0.731590896
16873	9/3/2019 11:03:04		-122.362	37.7156				2189.00337	RS-700	1.248772985
16874	9/3/2019 11:03:05		-122.362	37.7156				2068.15652	RS-700	0.647544876
16875	9/3/2019 11:03:06		-122.362	37.7156				2071.63782	RS-700	0.664864776
16876	9/3/2019 11:03:07		-122.362	37.7156				2049.83818	RS-700	0.556408856
16877	9/3/2019 11:03:08		-122.362	37.7156				2040.40894	RS-700	0.509497214
16878	9/3/2019 11:03:09		-122.362	37.7156				2018.6267	RS-700	0.401127861
16879	9/3/2019 11:03:10		-122.362	37.7156				1932.88492	RS-700	-0.025448159
16880	9/3/2019 11:03:11		-122.362	37.7156				1895.68765	RS-700	-0.210509204
16881	9/3/2019 11:03:12		-122.362	37.7156				1850.77901	RS-700	-0.433935274
16882	9/3/2019 11:03:13		-122.362	37.7156				1910.16147	RS-700	-0.138500149
16883	9/3/2019 11:03:14		-122.362	37.7156				1883.95676	RS-700	-0.268871841
16884	9/3/2019 11:03:15		-122.362	37.7156				1947.69862	RS-700	0.048251841
16885	9/3/2019 11:03:16		-122.362	37.7155				1918.78212	RS-700	-0.095611343
16886	9/3/2019 11:03:17		-122.362	37.7155				1938.29751	RS-700	0.001480149
16887	9/3/2019 11:03:18		-122.362	37.7155				1924.39827	RS-700	-0.067670299
16888	9/3/2019 11:03:19		-122.362	37.7155				1956.70071	RS-700	0.093038358
16889	9/3/2019 11:03:20		-122.362	37.7155				2011.82602	RS-700	0.367293632
16890	9/3/2019 11:03:21		-122.362	37.7155				1932.08124	RS-700	-0.029446567
16891	9/3/2019 11:03:22		-122.362	37.7155				1906.68858	RS-700	-0.155778209
16892	9/3/2019 11:03:23		-122.362	37.7155				1783.90611	RS-700	-0.766636269
16893	9/3/2019 11:03:24		-122.362	37.7155				1801.01091	RS-700	-0.681537761
16894	9/3/2019 11:03:25		-122.362	37.7155				1975.50659	RS-700	0.18659995
16895	9/3/2019 11:03:26		-122.362	37.7155				1983.71941	RS-700	0.227459751
16896	9/3/2019 11:03:27		-122.362	37.7155				2076.42638	RS-700	0.688688458

Gamma Scan Survey Results
Survey Unit 5 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
16897	9/3/2019 11:03:28		-122.362	37.7155				1976.60852	RS-700	0.192082189
16898	9/3/2019 11:03:29		-122.362	37.7155				1987.41288	RS-700	0.245835224
16899	9/3/2019 11:03:30		-122.362	37.7155				1931.20446	RS-700	-0.033808657
16900	9/3/2019 11:03:31		-122.362	37.7155				2016.62057	RS-700	0.391147114
16901	9/3/2019 11:03:32		-122.362	37.7155				1969.89739	RS-700	0.158693483
16902	9/3/2019 11:03:33		-122.362	37.7155				2034.83196	RS-700	0.481751045
16903	9/3/2019 11:03:34		-122.362	37.7155				1990.51036	RS-700	0.261245572
16904	9/3/2019 11:03:35		-122.362	37.7155				1925.78477	RS-700	-0.060772289
16905	9/3/2019 11:03:36		-122.362	37.7155				1899.58462	RS-700	-0.191121294
16906	9/3/2019 11:03:37		-122.362	37.7155				1959.89937	RS-700	0.10895209
16907	9/3/2019 11:03:38		-122.362	37.7155				1951.80556	RS-700	0.068684378
16908	9/3/2019 11:03:39		-122.362	37.7155				1893.7779	RS-700	-0.220010448
16909	9/3/2019 11:03:40		-122.362	37.7155				1872.14192	RS-700	-0.327652139
16910	9/3/2019 11:03:41		-122.362	37.7155				1916.46516	RS-700	-0.107138507
16911	9/3/2019 11:03:42		-122.362	37.7155				1910.68394	RS-700	-0.135900796
16912	9/3/2019 11:03:43		-122.362	37.7155				1928.30378	RS-700	-0.0482399
16913	9/3/2019 11:03:44		-122.362	37.7155				1886.5811	RS-700	-0.255815423
16914	9/3/2019 11:03:45		-122.362	37.7155				1890.94727	RS-700	-0.234093184
16915	9/3/2019 11:03:46		-122.362	37.7155				1827.55188	RS-700	-0.549493134
16916	9/3/2019 11:03:47		-122.362	37.7155				1870.6718	RS-700	-0.334966169
16917	9/3/2019 11:03:48		-122.362	37.7155				1892.57102	RS-700	-0.226014826
16918	9/3/2019 11:03:49		-122.362	37.7155				1874.48242	RS-700	-0.316007861
16919	9/3/2019 11:03:50		-122.362	37.7155				1916.48472	RS-700	-0.107041194
16920	9/3/2019 11:03:51		-122.362	37.7155				1911.25631	RS-700	-0.133053184
16921	9/3/2019 11:03:52		-122.362	37.7155				1916.20731	RS-700	-0.108421343
16922	9/3/2019 11:03:53		-122.362	37.7155				1906.39952	RS-700	-0.157216318
16923	9/3/2019 11:03:54		-122.362	37.7155				1906.34664	RS-700	-0.157479403
16924	9/3/2019 11:03:55		-122.362	37.7155				1964.60348	RS-700	0.132355622
16925	9/3/2019 11:03:56		-122.362	37.7155				1868.76806	RS-700	-0.344437512
16926	9/3/2019 11:03:57		-122.362	37.7155				1852.47998	RS-700	-0.425472736
16927	9/3/2019 11:03:58		-122.362	37.7155				1923.68855	RS-700	-0.071201244
16928	9/3/2019 11:03:59		-122.362	37.7155				1908.68156	RS-700	-0.145862886
16929	9/3/2019 11:04:00		-122.362	37.7155				1834.74946	RS-700	-0.513684279
16930	9/3/2019 11:04:01		-122.362	37.7155				1939.51001	RS-700	0.007512488
16931	9/3/2019 11:04:02		-122.362	37.7155				1933.17459	RS-700	-0.024007015
16932	9/3/2019 11:04:03		-122.362	37.7155				1972.79448	RS-700	0.173106866
16933	9/3/2019 11:04:04		-122.362	37.7155				1930.98054	RS-700	-0.034922687
16934	9/3/2019 11:04:05		-122.362	37.7155				1828.9293	RS-700	-0.542640299
16935	9/3/2019 11:04:06		-122.362	37.7155				1893.67877	RS-700	-0.220503632
16936	9/3/2019 11:04:07		-122.362	37.7155				1910.77892	RS-700	-0.135428259
16937	9/3/2019 11:04:08		-122.362	37.7155				1859.56082	RS-700	-0.390244677
16938	9/3/2019 11:04:09		-122.362	37.7155				1837.83058	RS-700	-0.498355323
16939	9/3/2019 11:04:10		-122.362	37.7155				1886.68084	RS-700	-0.255319204
16940	9/3/2019 11:04:11		-122.362	37.7155				1773.64042	RS-700	-0.817709353
16941	9/3/2019 11:04:12		-122.362	37.7155				1866.38746	RS-700	-0.356281294
16942	9/3/2019 11:04:13		-122.362	37.7155				1958.40675	RS-700	0.101526119
16943	9/3/2019 11:04:14		-122.362	37.7155				1892.96119	RS-700	-0.224073682
16944	9/3/2019 11:04:15		-122.362	37.7155				1930.88535	RS-700	-0.035396269
16945	9/3/2019 11:04:16		-122.362	37.7155				1846.29251	RS-700	-0.456256169
16946	9/3/2019 11:04:17		-122.362	37.7155				1963.50496	RS-700	0.126890348
16947	9/3/2019 11:04:18		-122.362	37.7155				1892.30439	RS-700	-0.227341343
16948	9/3/2019 11:04:19		-122.362	37.7155				1856.19975	RS-700	-0.406966418
16949	9/3/2019 11:04:20		-122.362	37.7155				1971.80391	RS-700	0.168178657
16950	9/3/2019 11:04:21		-122.362	37.7155				1947.89281	RS-700	0.04921796
16951	9/3/2019 11:04:22		-122.362	37.7155				1894.30234	RS-700	-0.217401294
16952	9/3/2019 11:04:23		-122.362	37.7155				1902.49014	RS-700	-0.17666597
16953	9/3/2019 11:04:24		-122.362	37.7155				1960.70444	RS-700	0.112957413
16954	9/3/2019 11:04:25		-122.362	37.7155				1856.67423	RS-700	-0.404605821
16955	9/3/2019 11:04:26		-122.362	37.7155				1934.58489	RS-700	-0.016990597
16956	9/3/2019 11:04:27		-122.362	37.7155				1853.29992	RS-700	-0.421393433
16957	9/3/2019 11:04:28		-122.362	37.7155				1602.49916	RS-700	-1.669158408

Gamma Scan Survey Results
Survey Unit 5 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
16958	9/3/2019 11:04:29		-122.362	37.7155				1399.43851	RS-700	-2.679410398
16959	9/3/2019 11:04:30		-122.362	37.7154				1150.35456	RS-700	-3.91863403
16960	9/3/2019 11:04:31		-122.362	37.7154				1071.22236	RS-700	-4.312326567
16961	9/3/2019 11:04:32		-122.362	37.7154				985.11031	RS-700	-4.740744726
16962	9/3/2019 11:04:33		-122.362	37.7154				1139.41209	RS-700	-3.973074179
16963	9/3/2019 11:04:34		-122.362	37.7154				1640.26289	RS-700	-1.481279154
16964	9/3/2019 11:04:35		-122.362	37.7154				1901.29693	RS-700	-0.182602338
16965	9/3/2019 11:04:36		-122.362	37.7154				1879.4848	RS-700	-0.291120398
16966	9/3/2019 11:04:37		-122.362	37.7154				1913.78413	RS-700	-0.120476965
16967	9/3/2019 11:04:38		-122.362	37.7154				1684.60165	RS-700	-1.260688308
16968	9/3/2019 11:04:39		-122.362	37.7154				1501.24371	RS-700	-2.172916866
16969	9/3/2019 11:04:40		-122.362	37.7154				1769.54484	RS-700	-0.838085373
16970	9/3/2019 11:04:41		-122.362	37.7154				1955.89199	RS-700	0.089014876
16971	9/3/2019 11:04:42		-122.362	37.7154				1996.91368	RS-700	0.293102886
16972	9/3/2019 11:04:43		-122.362	37.7154				2058.04528	RS-700	0.597240199
16973	9/3/2019 11:04:44		-122.362	37.7154				1855.05565	RS-700	-0.412658458
16974	9/3/2019 11:04:45		-122.362	37.7154				1975.0116	RS-700	0.184137313
16975	9/3/2019 11:04:46		-122.362	37.7154				1949.60287	RS-700	0.057725721
16976	9/3/2019 11:04:47		-122.362	37.7154				1921.59378	RS-700	-0.081622985
16977	9/3/2019 11:04:48		-122.362	37.7154				2014.52879	RS-700	0.380740249
16978	9/3/2019 11:04:49		-122.362	37.7154				1966.49571	RS-700	0.141769701
16979	9/3/2019 11:04:50		-122.362	37.7154				2010.01544	RS-700	0.358285771
16980	9/3/2019 11:04:51		-122.362	37.7154				2032.62703	RS-700	0.470781244
16981	9/3/2019 11:04:52		-122.362	37.7154				2038.2314	RS-700	0.498663682
16982	9/3/2019 11:04:53		-122.362	37.7154				2078.97178	RS-700	0.701352139
16983	9/3/2019 11:04:54		-122.362	37.7154				1944.59873	RS-700	0.032829502
16984	9/3/2019 11:04:55		-122.362	37.7154				1979.82007	RS-700	0.20806005
16985	9/3/2019 11:04:56		-122.362	37.7154				1924.39611	RS-700	-0.067681045
16986	9/3/2019 11:04:57		-122.362	37.7154				1878.48624	RS-700	-0.296088358
16987	9/3/2019 11:04:58		-122.362	37.7154				1933.59503	RS-700	-0.021915274
16988	9/3/2019 11:04:59		-122.362	37.7154				1866.48362	RS-700	-0.355802886
16989	9/3/2019 11:05:00		-122.362	37.7154				1966.89016	RS-700	0.143732139
16990	9/3/2019 11:05:01		-122.362	37.7154				1871.67041	RS-700	-0.32999796
16991	9/3/2019 11:05:02		-122.362	37.7154				1851.85033	RS-700	-0.428605323
16992	9/3/2019 11:05:03		-122.362	37.7154				1780.70673	RS-700	-0.782553582
16993	9/3/2019 11:05:04		-122.362	37.7154				1749.19151	RS-700	-0.939345721
16994	9/3/2019 11:05:05		-122.362	37.7154				1803.46568	RS-700	-0.669324975
16995	9/3/2019 11:05:06		-122.362	37.7154				1837.84069	RS-700	-0.498305025
16996	9/3/2019 11:05:07		-122.362	37.7153				1835.56584	RS-700	-0.509622687
16997	9/3/2019 11:05:08		-122.362	37.7153				1771.16804	RS-700	-0.830009751
16998	9/3/2019 11:05:09		-122.362	37.7153				1877.4832	RS-700	-0.301078607
16999	9/3/2019 11:05:10		-122.362	37.7153				1853.13047	RS-700	-0.422236468
17000	9/3/2019 11:05:11		-122.362	37.7153				1864.75392	RS-700	-0.364408358
17001	9/3/2019 11:05:12		-122.362	37.7153				1882.68016	RS-700	-0.275223085
17002	9/3/2019 11:05:13		-122.362	37.7153				1901.58732	RS-700	-0.181157612
17003	9/3/2019 11:05:14		-122.362	37.7153				1999.9157	RS-700	0.308038308
17004	9/3/2019 11:05:15		-122.362	37.7153				1974.60768	RS-700	0.182127761
17005	9/3/2019 11:05:16		-122.362	37.7153				2056.82975	RS-700	0.591192786
17006	9/3/2019 11:05:17		-122.362	37.7153				2018.92316	RS-700	0.402602786
17007	9/3/2019 11:05:18		-122.362	37.7153				2047.25537	RS-700	0.543559055
17008	9/3/2019 11:05:19		-122.362	37.7153				2057.36052	RS-700	0.593833433
17009	9/3/2019 11:05:20		-122.362	37.7153				1874.95156	RS-700	-0.313673831
17010	9/3/2019 11:05:21		-122.362	37.7153				1916.49516	RS-700	-0.106989254
17011	9/3/2019 11:05:22		-122.362	37.7153				1935.97905	RS-700	-0.010054478
17012	9/3/2019 11:05:23		-122.362	37.7153				1877.49155	RS-700	-0.301037065
17013	9/3/2019 11:05:24		-122.362	37.7153				1808.82813	RS-700	-0.642646119
17014	9/3/2019 11:05:25		-122.362	37.7153				1983.51169	RS-700	0.226426318
17015	9/3/2019 11:05:26		-122.362	37.7153				1808.83392	RS-700	-0.642617313
17016	9/3/2019 11:05:27		-122.362	37.7153				1867.10462	RS-700	-0.352713333
17017	9/3/2019 11:05:28		-122.362	37.7153				1795.82553	RS-700	-0.707335672
17018	9/3/2019 11:05:29		-122.362	37.7153				1802.28042	RS-700	-0.675221791

Gamma Scan Survey Results
Survey Unit 5 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
17019	9/3/2019 11:05:30		-122.362	37.7153				1867.57925	RS-700	-0.35035199
17020	9/3/2019 11:05:31		-122.362	37.7153				1817.29035	RS-700	-0.600545522
17021	9/3/2019 11:05:32		-122.362	37.7153				1737.70605	RS-700	-0.996487313
17022	9/3/2019 11:05:33		-122.362	37.7153				1913.70401	RS-700	-0.120875572
17023	9/3/2019 11:05:34		-122.362	37.7153				1816.46531	RS-700	-0.604650199
17024	9/3/2019 11:05:35		-122.362	37.7153				1870.66926	RS-700	-0.334978806
17025	9/3/2019 11:05:36		-122.362	37.7152				1924.7753	RS-700	-0.065794527
17026	9/3/2019 11:05:37		-122.362	37.7152				1921.97553	RS-700	-0.079723731
17027	9/3/2019 11:05:38		-122.361	37.7152				1830.6611	RS-700	-0.534024378
17028	9/3/2019 11:05:39		-122.361	37.7152				1750.89101	RS-700	-0.930890498
17029	9/3/2019 11:05:40		-122.361	37.7152				1890.7671	RS-700	-0.234989552
17030	9/3/2019 11:05:41		-122.361	37.7152				1932.26924	RS-700	-0.028511244
17031	9/3/2019 11:05:42		-122.361	37.7152				1806.55365	RS-700	-0.65396194
17032	9/3/2019 11:05:43		-122.361	37.7152				1848.66151	RS-700	-0.4444701
17033	9/3/2019 11:05:44		-122.361	37.7152				1850.56978	RS-700	-0.434976219
17034	9/3/2019 11:05:45		-122.361	37.7152				1807.91629	RS-700	-0.647182637
17035	9/3/2019 11:05:46		-122.361	37.7152				1840.47249	RS-700	-0.485211493
17036	9/3/2019 11:05:47		-122.361	37.7152				1740.28762	RS-700	-0.983643682
17037	9/3/2019 11:05:48		-122.361	37.7152				1772.4578	RS-700	-0.823593035
17038	9/3/2019 11:05:49		-122.361	37.7152				1790.83251	RS-700	-0.732176567
17039	9/3/2019 11:05:50		-122.361	37.7152				1770.99176	RS-700	-0.830886766
17040	9/3/2019 11:05:51		-122.361	37.7152				1739.27135	RS-700	-0.988699751
17041	9/3/2019 11:05:52		-122.361	37.7152				1777.54445	RS-700	-0.798286318
17042	9/3/2019 11:05:53		-122.361	37.7152				1818.7567	RS-700	-0.593250249
17043	9/3/2019 11:05:54		-122.361	37.7152				1814.01554	RS-700	-0.616838109
17044	9/3/2019 11:05:55		-122.361	37.7152				1824.37761	RS-700	-0.565285522
17045	9/3/2019 11:05:56		-122.361	37.7152				1749.36944	RS-700	-0.938460498
17046	9/3/2019 11:05:57		-122.361	37.7152				1750.74057	RS-700	-0.931638955
17047	9/3/2019 11:05:58		-122.361	37.7152				1836.11551	RS-700	-0.50688801
17048	9/3/2019 11:05:59		-122.361	37.7152				1784.63635	RS-700	-0.763003234
17049	9/3/2019 11:06:00		-122.361	37.7152				1913.68254	RS-700	-0.120982388
17050	9/3/2019 11:06:01		-122.361	37.7152				1931.58821	RS-700	-0.031899453
17051	9/3/2019 11:06:02		-122.361	37.7152				1869.66633	RS-700	-0.339968507
17052	9/3/2019 11:06:03		-122.361	37.7152				1852.37407	RS-700	-0.425999652
17053	9/3/2019 11:06:04		-122.361	37.7152				1685.52462	RS-700	-1.256096418
17054	9/3/2019 11:06:05		-122.361	37.7152				1710.52854	RS-700	-1.131698806
17055	9/3/2019 11:06:06		-122.361	37.7152				1669.76066	RS-700	-1.33452408
17056	9/3/2019 11:06:07		-122.361	37.7152				1274.64732	RS-700	-3.30026209
17057	9/3/2019 11:06:08		-122.361	37.7152				1077.429	RS-700	-4.281447761
17058	9/3/2019 11:06:09		-122.361	37.7152				1003.18342	RS-700	-4.650828756
17059	9/3/2019 11:06:10		-122.361	37.7152				927.20895	RS-700	-5.028811194
17060	9/3/2019 11:06:11		-122.361	37.7151				1089.16805	RS-700	-4.223044527
17061	9/3/2019 11:06:12		-122.361	37.7151				1571.64585	RS-700	-1.822657463
17062	9/3/2019 11:06:13		-122.361	37.7151				1888.58254	RS-700	-0.24585801
17063	9/3/2019 11:06:14		-122.361	37.7151				1746.711	RS-700	-0.951686567
17064	9/3/2019 11:06:15		-122.361	37.7151				1515.31553	RS-700	-2.102907811
17065	9/3/2019 11:06:16		-122.361	37.7151				1298.21759	RS-700	-3.182997065
17066	9/3/2019 11:06:17		-122.361	37.7151				1780.46036	RS-700	-0.783779303
17067	9/3/2019 11:06:18		-122.361	37.7151				1744.79413	RS-700	-0.961223234
17068	9/3/2019 11:06:19		-122.361	37.7151				1900.78246	RS-700	-0.185161891
17069	9/3/2019 11:06:20		-122.361	37.7151				1812.12419	RS-700	-0.626247811
17070	9/3/2019 11:06:21		-122.361	37.7151				1862.57465	RS-700	-0.375250498
17071	9/3/2019 11:06:22		-122.361	37.7151				1963.60479	RS-700	0.127387015
17072	9/3/2019 11:06:23		-122.361	37.7151				1964.60461	RS-700	0.132361244
17073	9/3/2019 11:06:24		-122.361	37.7151				1897.58435	RS-700	-0.201072886
17074	9/3/2019 11:06:25		-122.361	37.7151				1962.3884	RS-700	0.121335323
17075	9/3/2019 11:06:26		-122.361	37.7151				1914.08427	RS-700	-0.118983731
17076	9/3/2019 11:06:27		-122.361	37.7151				1937.6892	RS-700	-0.001546269
17077	9/3/2019 11:06:28		-122.361	37.7151				1883.30034	RS-700	-0.272137612
17078	9/3/2019 11:06:29		-122.361	37.7151				1964.80817	RS-700	0.13337398
17079	9/3/2019 11:06:30		-122.361	37.7151				1897.58351	RS-700	-0.201077065

Gamma Scan Survey Results
Survey Unit 5 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
17080	9/3/2019 11:06:31		-122.361	37.7151				1961.8023	RS-700	0.118419403
17081	9/3/2019 11:06:32		-122.361	37.7151				1979.9956	RS-700	0.208933333
17082	9/3/2019 11:06:33		-122.361	37.7151				1929.9828	RS-700	-0.039886567
17083	9/3/2019 11:06:34		-122.361	37.7151				1930.86876	RS-700	-0.035478806
17084	9/3/2019 11:06:35		-122.361	37.7151				1982.51198	RS-700	0.221452637
17085	9/3/2019 11:06:36		-122.361	37.7151				1913.20455	RS-700	-0.123360448
17086	9/3/2019 11:06:37		-122.361	37.7151				1925.59527	RS-700	-0.061715075
17087	9/3/2019 11:06:38		-122.361	37.7151				1850.93452	RS-700	-0.433161592
17088	9/3/2019 11:06:39		-122.361	37.7151				1942.79459	RS-700	0.023853682
17089	9/3/2019 11:06:40		-122.361	37.7151				1925.78607	RS-700	-0.060765821
17090	9/3/2019 11:06:41		-122.361	37.7151				1855.55665	RS-700	-0.41016592
17091	9/3/2019 11:06:42		-122.361	37.7151				1895.87075	RS-700	-0.209598259
17092	9/3/2019 11:06:43		-122.361	37.715				1906.77859	RS-700	-0.155330398
17093	9/3/2019 11:06:44		-122.361	37.715				1842.46723	RS-700	-0.475287413
17094	9/3/2019 11:06:45		-122.361	37.715				1891.86449	RS-700	-0.2295299
17095	9/3/2019 11:06:46		-122.361	37.715				1861.66687	RS-700	-0.379766816
17096	9/3/2019 11:06:47		-122.361	37.715				1893.29596	RS-700	-0.222408159
17097	9/3/2019 11:06:48		-122.361	37.715				1857.85111	RS-700	-0.398750697
17098	9/3/2019 11:06:49		-122.361	37.715				1829.74775	RS-700	-0.538568408
17099	9/3/2019 11:06:50		-122.361	37.715				1894.96303	RS-700	-0.214114279
17100	9/3/2019 11:06:51		-122.361	37.715				1899.78214	RS-700	-0.190138607
17101	9/3/2019 11:06:52		-122.361	37.715				1844.47405	RS-700	-0.465303234
17102	9/3/2019 11:06:53		-122.361	37.715				1822.37365	RS-700	-0.575255473
17103	9/3/2019 11:06:54		-122.361	37.715				1818.74102	RS-700	-0.593328259
17104	9/3/2019 11:06:55		-122.361	37.715				1996.61613	RS-700	0.291622537
17105	9/3/2019 11:06:56		-122.361	37.715				1929.77798	RS-700	-0.040905572
17106	9/3/2019 11:06:57		-122.361	37.715				2039.93974	RS-700	0.507162886
17107	9/3/2019 11:06:58		-122.361	37.715				2051.52811	RS-700	0.564816468
17108	9/3/2019 11:06:59		-122.361	37.715				1935.69736	RS-700	-0.01145592
17109	9/3/2019 11:07:00		-122.361	37.715				1933.58826	RS-700	-0.021948955
17110	9/3/2019 11:07:01		-122.361	37.715				1877.05149	RS-700	-0.303226418
17111	9/3/2019 11:07:02		-122.361	37.715				1826.47093	RS-700	-0.554870995
17112	9/3/2019 11:07:03		-122.361	37.715				1828.5713	RS-700	-0.544421393
17113	9/3/2019 11:07:04		-122.361	37.715				1899.86621	RS-700	-0.189720348
17114	9/3/2019 11:07:05		-122.361	37.715				1892.58443	RS-700	-0.225948109
17115	9/3/2019 11:07:06		-122.361	37.715				1873.04293	RS-700	-0.323169502
17116	9/3/2019 11:07:07		-122.361	37.715				1972.7092	RS-700	0.172682587
17117	9/3/2019 11:07:08		-122.361	37.715				1883.48469	RS-700	-0.271220448
17118	9/3/2019 11:07:09		-122.361	37.7149				1831.65615	RS-700	-0.529073881
17119	9/3/2019 11:07:10		-122.361	37.7149				1583.41099	RS-700	-1.764124428
17120	9/3/2019 11:07:11		-122.361	37.7149				1004.05593	RS-700	-4.64648791
17121	9/3/2019 11:07:12		-122.361	37.7149				1265.58037	RS-700	-3.345371294
17122	9/3/2019 11:07:13		-122.361	37.7149				1659.60784	RS-700	-1.385035622
17123	9/3/2019 11:07:14		-122.361	37.7149				1792.82317	RS-700	-0.722272786
17124	9/3/2019 11:07:15		-122.361	37.7149				1835.46917	RS-700	-0.510103632
17125	9/3/2019 11:07:16		-122.361	37.7149				1851.83955	RS-700	-0.428658955
17126	9/3/2019 11:07:17		-122.361	37.7149				1833.74851	RS-700	-0.518664129
17127	9/3/2019 11:07:18		-122.361	37.7149				1925.70959	RS-700	-0.061146318
17128	9/3/2019 11:07:19		-122.361	37.7149				1901.16261	RS-700	-0.183270597
17129	9/3/2019 11:07:20		-122.361	37.7149				1886.33377	RS-700	-0.25704592
17130	9/3/2019 11:07:21		-122.361	37.7149				1870.19992	RS-700	-0.337313831
17131	9/3/2019 11:07:22		-122.361	37.7149				1833.11777	RS-700	-0.521802139
17132	9/3/2019 11:07:23		-122.361	37.7149				1949.69658	RS-700	0.05819194
17133	9/3/2019 11:07:24		-122.361	37.7149				1929.29883	RS-700	-0.043289403
17134	9/3/2019 11:07:25		-122.361	37.7149				1955.60291	RS-700	0.087576667
17135	9/3/2019 11:07:26		-122.361	37.7149				1896.58677	RS-700	-0.20603597
17136	9/3/2019 11:07:27		-122.361	37.7149				1831.28512	RS-700	-0.530919801
17137	9/3/2019 11:07:28		-122.361	37.7149				1333.58104	RS-700	-3.007059502
17138	9/3/2019 11:07:29		-122.361	37.7149				1170.30235	RS-700	-3.819391294
17139	9/3/2019 11:07:30		-122.361	37.7149				1065.38197	RS-700	-4.341383234
17140	9/3/2019 11:07:31		-122.361	37.7149				1383.28408	RS-700	-2.759780697

Gamma Scan Survey Results
Survey Unit 5 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
17141	9/3/2019 11:07:32		-122.361	37.7148				1803.54909	RS-700	-0.66891
17142	9/3/2019 11:07:33		-122.361	37.7148				1816.75211	RS-700	-0.603223333
17143	9/3/2019 11:07:34		-122.361	37.7148				1320.33423	RS-700	-3.07296403
17144	9/3/2019 11:07:35		-122.361	37.7148				1844.75138	RS-700	-0.463923483
17145	9/3/2019 11:07:36		-122.361	37.7148				1946.51131	RS-700	0.042344826
17146	9/3/2019 11:07:37		-122.361	37.7148				1965.2997	RS-700	0.135819403
17147	9/3/2019 11:07:38		-122.361	37.7148				1964.60769	RS-700	0.132376567
17148	9/3/2019 11:07:39		-122.361	37.7148				1997.71833	RS-700	0.297106119
17149	9/3/2019 11:07:40		-122.361	37.7148				1974.39941	RS-700	0.181091592
17150	9/3/2019 11:07:41		-122.361	37.7148				1988.70893	RS-700	0.252283234
17151	9/3/2019 11:07:42		-122.361	37.7148				2043.93961	RS-700	0.527062736
17152	9/3/2019 11:07:43		-122.361	37.7148				1927.06153	RS-700	-0.054420249
17153	9/3/2019 11:07:44		-122.361	37.7148				2013.72587	RS-700	0.376745622
17154	9/3/2019 11:07:45		-122.361	37.7148				2004.0181	RS-700	0.328448259
17155	9/3/2019 11:07:46		-122.361	37.7148				1955.7007	RS-700	0.088063184
17156	9/3/2019 11:07:47		-122.361	37.7148				2010.82107	RS-700	0.362293881
17157	9/3/2019 11:07:48		-122.361	37.7148				2047.93859	RS-700	0.546958159
17158	9/3/2019 11:07:49		-122.361	37.7148				2037.43997	RS-700	0.494726219
17159	9/3/2019 11:07:50		-122.361	37.7148				2009.93675	RS-700	0.357894279
17160	9/3/2019 11:07:51		-122.361	37.7148				2004.50182	RS-700	0.330854826
17161	9/3/2019 11:07:52		-122.361	37.7148				1911.69	RS-700	-0.130895522
17162	9/3/2019 11:07:53		-122.361	37.7148				1943.59653	RS-700	0.027843433
17163	9/3/2019 11:07:54		-122.361	37.7148				1895.97384	RS-700	-0.209085373
17164	9/3/2019 11:07:55		-122.361	37.7148				1900.49119	RS-700	-0.186610995
17165	9/3/2019 11:07:56		-122.361	37.7148				1939.7965	RS-700	0.008937811
17166	9/3/2019 11:07:57		-122.361	37.7148				1918.50241	RS-700	-0.097002935
17167	9/3/2019 11:07:58		-122.361	37.7148				1874.68348	RS-700	-0.315007562
17168	9/3/2019 11:07:59		-122.361	37.7148				1980.61096	RS-700	0.211994826
17169	9/3/2019 11:08:00		-122.361	37.7148				1890.59597	RS-700	-0.235840945
17170	9/3/2019 11:08:01		-122.361	37.7148				1885.67863	RS-700	-0.260305323
17171	9/3/2019 11:08:02		-122.361	37.7148				1984.61207	RS-700	0.231900846
17172	9/3/2019 11:08:03		-122.361	37.7148				1853.66442	RS-700	-0.41958
17173	9/3/2019 11:08:04		-122.361	37.7148				1905.4874	RS-700	-0.161754229
17174	9/3/2019 11:08:05		-122.361	37.7148				1837.93355	RS-700	-0.497843035
17175	9/3/2019 11:08:06		-122.361	37.7147				1934.98234	RS-700	-0.015013234
17176	9/3/2019 11:08:07		-122.361	37.7147				1841.65997	RS-700	-0.479303632
17177	9/3/2019 11:08:08		-122.361	37.7147				1849.19441	RS-700	-0.441818856
17178	9/3/2019 11:08:09		-122.361	37.7147				1828.843	RS-700	-0.543069652
17179	9/3/2019 11:08:10		-122.361	37.7147				1919.59266	RS-700	-0.091578806
17180	9/3/2019 11:08:11		-122.361	37.7147				1844.47539	RS-700	-0.465296567
17181	9/3/2019 11:08:12		-122.361	37.7147				1854.65616	RS-700	-0.41464597
17182	9/3/2019 11:08:13		-122.361	37.7147				1787.45697	RS-700	-0.748970299
17183	9/3/2019 11:08:14		-122.361	37.7147				1838.84166	RS-700	-0.493325075
17184	9/3/2019 11:08:15		-122.361	37.7147				1930.49999	RS-700	-0.037313483
17185	9/3/2019 11:08:16		-122.361	37.7147				1966.90485	RS-700	0.143805224
17186	9/3/2019 11:08:17		-122.361	37.7147				2059.32383	RS-700	0.603601144
17187	9/3/2019 11:08:18		-122.361	37.7147				2007.91133	RS-700	0.347817562
17188	9/3/2019 11:08:19		-122.361	37.7147				2006.62467	RS-700	0.341416269
17189	9/3/2019 11:08:20		-122.361	37.7147				1987.81421	RS-700	0.247831891
17190	9/3/2019 11:08:21		-122.361	37.7147				2024.92852	RS-700	0.432480199
17191	9/3/2019 11:08:22		-122.361	37.7147				2026.72259	RS-700	0.44140592
17192	9/3/2019 11:08:23		-122.361	37.7147				1904.56632	RS-700	-0.166336716
17193	9/3/2019 11:08:24		-122.361	37.7147				1929.31381	RS-700	-0.043214876
17194	9/3/2019 11:08:25		-122.361	37.7147				1929.59759	RS-700	-0.041803035
17195	9/3/2019 11:08:26		-122.361	37.7147				1854.03193	RS-700	-0.417751592
17196	9/3/2019 11:08:27		-122.361	37.7147				1914.77603	RS-700	-0.115542139
17197	9/3/2019 11:08:28		-122.361	37.7147				1948.50331	RS-700	0.052255274
17198	9/3/2019 11:08:29		-122.361	37.7147				1798.28634	RS-700	-0.695092836
17199	9/3/2019 11:08:30		-122.361	37.7147				1808.64511	RS-700	-0.643556667
17200	9/3/2019 11:08:31		-122.361	37.7147				1867.48278	RS-700	-0.35083194
17201	9/3/2019 11:08:32		-122.36	37.7147				1904.96188	RS-700	-0.164368756

Gamma Scan Survey Results
Survey Unit 5 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
17202	9/3/2019 11:08:33		-122.36	37.7147				1902.59309	RS-700	-0.176153781
17203	9/3/2019 11:08:34		-122.36	37.7146				1980.20694	RS-700	0.209984776
17204	9/3/2019 11:08:35		-122.36	37.7146				1875.76787	RS-700	-0.309612587
17205	9/3/2019 11:08:36		-122.36	37.7146				1872.03572	RS-700	-0.328180498
17206	9/3/2019 11:08:37		-122.36	37.7146				1945.28684	RS-700	0.036252935
17207	9/3/2019 11:08:38		-122.36	37.7146				1901.68429	RS-700	-0.180675174
17208	9/3/2019 11:08:39		-122.36	37.7146				1893.66964	RS-700	-0.220549055
17209	9/3/2019 11:08:40		-122.36	37.7146				1925.50164	RS-700	-0.062180896
17210	9/3/2019 11:08:41		-122.36	37.7146				1873.38754	RS-700	-0.321455025
17211	9/3/2019 11:08:42		-122.36	37.7146				1949.8081	RS-700	0.058746766
17212	9/3/2019 11:08:43		-122.36	37.7146				1867.76326	RS-700	-0.349436517
17213	9/3/2019 11:08:44		-122.36	37.7146				1895.58367	RS-700	-0.211026517
17214	9/3/2019 11:08:45		-122.36	37.7146				1891.30174	RS-700	-0.232329652
17215	9/3/2019 11:08:46		-122.36	37.7146				1910.3962	RS-700	-0.137332338
17216	9/3/2019 11:08:47		-122.36	37.7146				1888.77401	RS-700	-0.244905423
17217	9/3/2019 11:08:48		-122.36	37.7146				1887.58912	RS-700	-0.250800398
17218	9/3/2019 11:08:49		-122.36	37.7146				1853.84708	RS-700	-0.418671244
17219	9/3/2019 11:08:50		-122.36	37.7146				2003.61687	RS-700	0.32645209
17220	9/3/2019 11:08:51		-122.36	37.7146				1944.89257	RS-700	0.034291393
17221	9/3/2019 11:08:52		-122.36	37.7146				1896.39501	RS-700	-0.20699
17222	9/3/2019 11:08:53		-122.36	37.7146				1876.23594	RS-700	-0.307283881
17223	9/3/2019 11:08:54		-122.36	37.7146				1952.60114	RS-700	0.072642488
17224	9/3/2019 11:08:55		-122.36	37.7146				1675.53246	RS-700	-1.305808657
17225	9/3/2019 11:08:56		-122.36	37.7146				1380.61778	RS-700	-2.773045871
17226	9/3/2019 11:08:57		-122.36	37.7146				1565.60388	RS-700	-1.852717015
17227	9/3/2019 11:08:58		-122.36	37.7146				1906.48091	RS-700	-0.156811393
17228	9/3/2019 11:08:59		-122.36	37.7146				1956.7089	RS-700	0.093079104
17229	9/3/2019 11:09:00		-122.36	37.7146				1873.04483	RS-700	-0.32316005
17230	9/3/2019 11:09:01		-122.36	37.7145				1915.49942	RS-700	-0.111943184
17231	9/3/2019 11:09:02		-122.36	37.7145				2045.04167	RS-700	0.532545622
17232	9/3/2019 11:09:03		-122.36	37.7145				1947.40476	RS-700	0.046789851
17233	9/3/2019 11:09:04		-122.36	37.7145				1948.40973	RS-700	0.051789701
17234	9/3/2019 11:09:05		-122.36	37.7145				1849.57165	RS-700	-0.43994204
17235	9/3/2019 11:09:06		-122.36	37.7145				1858.56561	RS-700	-0.39519597
17236	9/3/2019 11:09:07		-122.36	37.7145				1914.1716	RS-700	-0.118549254
17237	9/3/2019 11:09:08		-122.36	37.7145				1802.65771	RS-700	-0.673344726
17238	9/3/2019 11:09:09		-122.36	37.7145				1863.48123	RS-700	-0.370740149
17239	9/3/2019 11:09:10		-122.36	37.7145				1915.36255	RS-700	-0.112624129
17240	9/3/2019 11:09:11		-122.36	37.7145				1881.49751	RS-700	-0.281106915
17241	9/3/2019 11:09:12		-122.36	37.7145				1875.95355	RS-700	-0.308688806
17242	9/3/2019 11:09:13		-122.36	37.7145				1917.06525	RS-700	-0.104152985
17243	9/3/2019 11:09:14		-122.36	37.7145				1884.20176	RS-700	-0.267652935
17244	9/3/2019 11:09:15		-122.36	37.7145				1834.02965	RS-700	-0.517265423
17245	9/3/2019 11:09:16		-122.36	37.7145				1941.59027	RS-700	0.01786204
17246	9/3/2019 11:09:17		-122.36	37.7145				1904.87012	RS-700	-0.164825274
17247	9/3/2019 11:09:18		-122.36	37.7145				1894.67533	RS-700	-0.215545622
17248	9/3/2019 11:09:19		-122.36	37.7145				1946.69799	RS-700	0.043273582
17249	9/3/2019 11:09:20		-122.36	37.7145				1913.97249	RS-700	-0.119539851
17250	9/3/2019 11:09:21		-122.36	37.7145				1912.06793	RS-700	-0.129015274
17251	9/3/2019 11:09:22		-122.36	37.7145				1922.89016	RS-700	-0.075173333
17252	9/3/2019 11:09:23		-122.36	37.7145				1888.39256	RS-700	-0.246803184
17253	9/3/2019 11:09:24		-122.36	37.7145				1845.75003	RS-700	-0.458955075
17254	9/3/2019 11:09:25		-122.36	37.7145				1901.9678	RS-700	-0.179264677
17255	9/3/2019 11:09:26		-122.36	37.7145				1890.77118	RS-700	-0.234969254
17256	9/3/2019 11:09:27		-122.36	37.7145				1817.74487	RS-700	-0.598284229
17257	9/3/2019 11:09:28		-122.36	37.7145				1926.98756	RS-700	-0.054788259
17258	9/3/2019 11:09:29		-122.36	37.7145				1928.30302	RS-700	-0.048243682
17259	9/3/2019 11:09:30		-122.36	37.7145				1934.98826	RS-700	-0.014983781
17260	9/3/2019 11:09:31		-122.36	37.7145				1878.57525	RS-700	-0.295645522
17261	9/3/2019 11:09:32		-122.36	37.7145				1836.65687	RS-700	-0.504194677
17262	9/3/2019 11:09:33		-122.36	37.7145				1862.04936	RS-700	-0.377863881

Gamma Scan Survey Results
Survey Unit 5 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
17263	9/3/2019 11:09:34		-122.36	37.7145				1878.57797	RS-700	-0.29563199
17264	9/3/2019 11:09:35		-122.36	37.7145				1799.35863	RS-700	-0.68975806
17265	9/3/2019 11:09:36		-122.36	37.7145				1866.47021	RS-700	-0.355869602
17266	9/3/2019 11:09:37		-122.36	37.7145				1851.57765	RS-700	-0.42996194
17267	9/3/2019 11:09:38		-122.36	37.7145				1772.63452	RS-700	-0.822713831
17268	9/3/2019 11:09:39		-122.36	37.7144				1868.38919	RS-700	-0.346322438
17269	9/3/2019 11:09:40		-122.36	37.7144				1832.29293	RS-700	-0.525905821
17270	9/3/2019 11:09:41		-122.36	37.7144				1764.45567	RS-700	-0.863404627
17271	9/3/2019 11:09:42		-122.36	37.7144				1741.15288	RS-700	-0.979338905
17272	9/3/2019 11:09:43		-122.36	37.7144				1732.44472	RS-700	-1.022663085
17273	9/3/2019 11:09:44		-122.36	37.7144				1739.71252	RS-700	-0.986504876
17274	9/3/2019 11:09:45		-122.36	37.7144				1717.8723	RS-700	-1.095162687
17275	9/3/2019 11:09:46		-122.36	37.7144				1764.72132	RS-700	-0.862082985
17276	9/3/2019 11:09:47		-122.36	37.7144				1740.44738	RS-700	-0.982848856
17277	9/3/2019 11:09:48		-122.36	37.7144				1862.03689	RS-700	-0.37792592
17278	9/3/2019 11:09:49		-122.36	37.7144				1855.47428	RS-700	-0.410575721
17279	9/3/2019 11:09:50		-122.36	37.7144				1779.54395	RS-700	-0.788338557
17280	9/3/2019 11:09:51		-122.36	37.7144				1791.28658	RS-700	-0.729917512
17281	9/3/2019 11:09:52		-122.36	37.7144				1775.71442	RS-700	-0.807390945
17282	9/3/2019 11:09:53		-122.36	37.7144				1760.72735	RS-700	-0.881953483
17283	9/3/2019 11:09:54		-122.36	37.7144				1818.284	RS-700	-0.59560199
17284	9/3/2019 11:09:55		-122.36	37.7144				1823.81599	RS-700	-0.568079652
17285	9/3/2019 11:09:56		-122.36	37.7144				1759.45264	RS-700	-0.888295323
17286	9/3/2019 11:09:57		-122.36	37.7144				1814.65117	RS-700	-0.613675771
17287	9/3/2019 11:09:58		-122.36	37.7144				1852.5708	RS-700	-0.425020896
17288	9/3/2019 11:09:59		-122.36	37.7144				1811.74167	RS-700	-0.628150896
17289	9/3/2019 11:10:00		-122.36	37.7144				1791.19229	RS-700	-0.730386617
17290	9/3/2019 11:10:01		-122.36	37.7144				1775.72646	RS-700	-0.807331045
17291	9/3/2019 11:10:02		-122.36	37.7144				1802.46244	RS-700	-0.674316219
17292	9/3/2019 11:10:03		-122.36	37.7144				1742.36187	RS-700	-0.97332403
17293	9/3/2019 11:10:04		-122.36	37.7144				1796.54089	RS-700	-0.703776667
17294	9/3/2019 11:10:05		-122.36	37.7144				1807.55931	RS-700	-0.648958657
17295	9/3/2019 11:10:06		-122.36	37.7144				1781.63112	RS-700	-0.777954627
17296	9/3/2019 11:10:07		-122.36	37.7144				1804.36955	RS-700	-0.664828109
17297	9/3/2019 11:10:08		-122.36	37.7144				1782.45635	RS-700	-0.773849005
17298	9/3/2019 11:10:09		-122.36	37.7144				1761.72006	RS-700	-0.877014627
17299	9/3/2019 11:10:10		-122.36	37.7144				1771.64646	RS-700	-0.827629552
17300	9/3/2019 11:10:11		-122.36	37.7144				1705.78951	RS-700	-1.15527607
17301	9/3/2019 11:10:12		-122.36	37.7144				1812.55251	RS-700	-0.624116866
17302	9/3/2019 11:10:13		-122.36	37.7144				1822.19126	RS-700	-0.576162886
17303	9/3/2019 11:10:14		-122.36	37.7144				1845.4797	RS-700	-0.4603
17304	9/3/2019 11:10:15		-122.36	37.7144				1765.54398	RS-700	-0.857990149
17305	9/3/2019 11:10:16		-122.36	37.7144				1767.45658	RS-700	-0.848474726
17306	9/3/2019 11:10:17		-122.36	37.7144				1831.56589	RS-700	-0.529522935
17307	9/3/2019 11:10:18		-122.36	37.7144				1835.65529	RS-700	-0.509177662
17308	9/3/2019 11:10:19		-122.36	37.7144				1910.64582	RS-700	-0.136090448
17309	9/3/2019 11:10:20		-122.36	37.7144				1866.76877	RS-700	-0.354384229
17310	9/3/2019 11:10:21		-122.36	37.7144				1904.68065	RS-700	-0.16576791
17311	9/3/2019 11:10:22		-122.36	37.7144				1797.37718	RS-700	-0.69961602
17312	9/3/2019 11:10:23		-122.36	37.7144				1856.86082	RS-700	-0.403677512
17313	9/3/2019 11:10:24		-122.36	37.7144				1823.4593	RS-700	-0.569854229
17314	9/3/2019 11:10:25		-122.36	37.7144				1805.65094	RS-700	-0.658453035
17315	9/3/2019 11:10:26		-122.36	37.7144				1794.82315	RS-700	-0.712322637
17316	9/3/2019 11:10:27		-122.36	37.7144				1786.08674	RS-700	-0.755787363
17317	9/3/2019 11:10:28		-122.36	37.7144				1760.45251	RS-700	-0.883320846
17318	9/3/2019 11:10:29		-122.36	37.7144				1699.6933	RS-700	-1.185605473
17319	9/3/2019 11:10:30		-122.36	37.7144				1718.70509	RS-700	-1.091019453
17320	9/3/2019 11:10:31		-122.36	37.7144				1723.69891	RS-700	-1.066174577
17321	9/3/2019 11:10:32		-122.36	37.7144				1790.27698	RS-700	-0.734940398
17322	9/3/2019 11:10:33		-122.36	37.7144				1875.86889	RS-700	-0.30911
17323	9/3/2019 11:10:34		-122.36	37.7144				1787.63018	RS-700	-0.748108557

Gamma Scan Survey Results
Survey Unit 5 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
17324	9/3/2019 11:10:35		-122.36	37.7144				1811.7439	RS-700	-0.628139801
17325	9/3/2019 11:10:36		-122.36	37.7144				1733.79585	RS-700	-1.015941045
17326	9/3/2019 11:10:37		-122.36	37.7144				1775.45034	RS-700	-0.808704776
17327	9/3/2019 11:10:38		-122.36	37.7144				1796.00037	RS-700	-0.706465821
17328	9/3/2019 11:10:39		-122.36	37.7144				1891.39947	RS-700	-0.231843433
17329	9/3/2019 11:10:40		-122.36	37.7144				1799.90934	RS-700	-0.687018209
17330	9/3/2019 11:10:41		-122.36	37.7144				1836.47327	RS-700	-0.505108109
17331	9/3/2019 11:10:42		-122.36	37.7144				1785.81955	RS-700	-0.757116667
17332	9/3/2019 11:10:43		-122.36	37.7144				1838.38211	RS-700	-0.495611393
17333	9/3/2019 11:10:44		-122.36	37.7144				1790.37156	RS-700	-0.734469851
17334	9/3/2019 11:10:45		-122.36	37.7144				1818.65188	RS-700	-0.593771741
17335	9/3/2019 11:10:46		-122.36	37.7144				1859.75634	RS-700	-0.38927194
17336	9/3/2019 11:10:47		-122.36	37.7144				1853.47667	RS-700	-0.42051408
17337	9/3/2019 11:10:48		-122.36	37.7144				1863.57514	RS-700	-0.370272935
17338	9/3/2019 11:10:49		-122.36	37.7144				1795.81602	RS-700	-0.707382985
17339	9/3/2019 11:10:50		-122.36	37.7144				1821.38246	RS-700	-0.580186766
17340	9/3/2019 11:10:51		-122.36	37.7144				1768.45573	RS-700	-0.843503831
17341	9/3/2019 11:10:52		-122.36	37.7144				1788.64154	RS-700	-0.743076915
17342	9/3/2019 11:10:53		-122.36	37.7144				1736.18694	RS-700	-1.004045075
17343	9/3/2019 11:10:54		-122.36	37.7144				1813.46634	RS-700	-0.619570448
17344	9/3/2019 11:10:55		-122.36	37.7144				1861.95066	RS-700	-0.378354925
17345	9/3/2019 11:10:56		-122.36	37.7144				1860.75922	RS-700	-0.384282488
17346	9/3/2019 11:10:57		-122.36	37.7144				1848.29143	RS-700	-0.446311294
17347	9/3/2019 11:10:58		-122.36	37.7144				1786.56685	RS-700	-0.753398756
17348	9/3/2019 11:10:59		-122.36	37.7144				1782.90577	RS-700	-0.771613085
17349	9/3/2019 11:11:00		-122.36	37.7144				1805.00412	RS-700	-0.661671045
17350	9/3/2019 11:11:01		-122.36	37.7144				1825.28641	RS-700	-0.560764129
17351	9/3/2019 11:11:02		-122.36	37.7144				1786.00049	RS-700	-0.756216468
17352	9/3/2019 11:11:03		-122.36	37.7144				1755.8937	RS-700	-0.906001493
17353	9/3/2019 11:11:04		-122.36	37.7144				1776.73004	RS-700	-0.802338109
17354	9/3/2019 11:11:05		-122.36	37.7144				1889.8667	RS-700	-0.239469154
17355	9/3/2019 11:11:06		-122.36	37.7144				1854.84131	RS-700	-0.413724826
17356	9/3/2019 11:11:07		-122.36	37.7144				1747.70999	RS-700	-0.946716468
17357	9/3/2019 11:11:08		-122.36	37.7144				1820.29678	RS-700	-0.585588159
17358	9/3/2019 11:11:09		-122.36	37.7144				1818.83303	RS-700	-0.592870498
17359	9/3/2019 11:11:10		-122.36	37.7144				1748.61804	RS-700	-0.942198806
17360	9/3/2019 11:11:11		-122.36	37.7144				1792.64425	RS-700	-0.723162935
17361	9/3/2019 11:11:12		-122.36	37.7144				1724.44308	RS-700	-1.062472239
17362	9/3/2019 11:11:13		-122.36	37.7144				1914.78278	RS-700	-0.115508557
17363	9/3/2019 11:11:14		-122.36	37.7144				1763.54324	RS-700	-0.86794408
17364	9/3/2019 11:11:15		-122.36	37.7144				1968.70402	RS-700	0.152756318
17365	9/3/2019 11:11:16		-122.36	37.7144				1883.86363	RS-700	-0.269335174
17366	9/3/2019 11:11:17		-122.36	37.7144				1842.47422	RS-700	-0.475252637
17367	9/3/2019 11:11:18		-122.36	37.7145				1867.04508	RS-700	-0.353009552
17368	9/3/2019 11:11:19		-122.36	37.7145				1848.84578	RS-700	-0.443553333
17369	9/3/2019 11:11:20		-122.36	37.7145				1817.8302	RS-700	-0.597859701
17370	9/3/2019 11:11:21		-122.36	37.7145				1905.59172	RS-700	-0.161235224
17371	9/3/2019 11:11:22		-122.36	37.7145				1991.10949	RS-700	0.264226318
17372	9/3/2019 11:11:23		-122.36	37.7145				1951.51052	RS-700	0.067216517
17373	9/3/2019 11:11:24		-122.36	37.7145				1902.79443	RS-700	-0.17515209
17374	9/3/2019 11:11:25		-122.36	37.7145				1766.63478	RS-700	-0.852563284
17375	9/3/2019 11:11:26		-122.36	37.7145				1342.27	RS-700	-2.963830846
17376	9/3/2019 11:11:27		-122.36	37.7145				1712.26141	RS-700	-1.123077562
17377	9/3/2019 11:11:28		-122.36	37.7145				1913.40781	RS-700	-0.122349204
17378	9/3/2019 11:11:29		-122.36	37.7145				1896.15339	RS-700	-0.20819209
17379	9/3/2019 11:11:30		-122.36	37.7145				1861.03958	RS-700	-0.382887662
17380	9/3/2019 11:11:31		-122.36	37.7145				1847.38746	RS-700	-0.450808657
17381	9/3/2019 11:11:32		-122.36	37.7145				1841.56964	RS-700	-0.479753035
17382	9/3/2019 11:11:33		-122.36	37.7145				1823.74454	RS-700	-0.568435124
17383	9/3/2019 11:11:34		-122.36	37.7145				1857.1493	RS-700	-0.402242289
17384	9/3/2019 11:11:35		-122.36	37.7145				1914.68488	RS-700	-0.115995622

Gamma Scan Survey Results
Survey Unit 5 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
17385	9/3/2019 11:11:36		-122.36	37.7145				1863.94769	RS-700	-0.368419453
17386	9/3/2019 11:11:37		-122.36	37.7145				1780.1016	RS-700	-0.785564179
17387	9/3/2019 11:11:38		-122.36	37.7145				1797.64236	RS-700	-0.698296716
17388	9/3/2019 11:11:39		-122.36	37.7145				1851.84689	RS-700	-0.428622438
17389	9/3/2019 11:11:40		-122.36	37.7145				1867.94299	RS-700	-0.348542338
17390	9/3/2019 11:11:41		-122.36	37.7145				1879.47684	RS-700	-0.29116
17391	9/3/2019 11:11:42		-122.36	37.7145				1840.4688	RS-700	-0.485229851
17392	9/3/2019 11:11:43		-122.36	37.7145				1880.39722	RS-700	-0.286580995
17393	9/3/2019 11:11:44		-122.36	37.7145				1844.19867	RS-700	-0.466673284
17394	9/3/2019 11:11:45		-122.36	37.7145				1879.58908	RS-700	-0.290601592
17395	9/3/2019 11:11:46		-122.36	37.7145				1937.5934	RS-700	-0.002022886
17396	9/3/2019 11:11:47		-122.36	37.7145				1914.52377	RS-700	-0.116797164
17397	9/3/2019 11:11:48		-122.36	37.7145				1908.96164	RS-700	-0.144469453
17398	9/3/2019 11:11:49		-122.36	37.7146				1751.80716	RS-700	-0.926332537
17399	9/3/2019 11:11:50		-122.36	37.7146				1274.34087	RS-700	-3.301786716
17400	9/3/2019 11:11:51		-122.36	37.7146				1182.17328	RS-700	-3.76033194
17401	9/3/2019 11:11:52		-122.36	37.7146				1395.60778	RS-700	-2.698468756
17402	9/3/2019 11:11:53		-122.36	37.7146				1846.56199	RS-700	-0.454915473
17403	9/3/2019 11:11:54		-122.36	37.7146				1951.79031	RS-700	0.068608507
17404	9/3/2019 11:11:55		-122.36	37.7146				1883.669	RS-700	-0.270303483
17405	9/3/2019 11:11:56		-122.36	37.7146				1977.71116	RS-700	0.19756796
17406	9/3/2019 11:11:57		-122.36	37.7146				1981.71552	RS-700	0.217490149
17407	9/3/2019 11:11:58		-122.36	37.7146				1871.03983	RS-700	-0.333135174
17408	9/3/2019 11:11:59		-122.36	37.7146				1945.4997	RS-700	0.03731194
17409	9/3/2019 11:12:00		-122.36	37.7146				1992.30952	RS-700	0.270196617
17410	9/3/2019 11:12:01		-122.36	37.7146				1880.29777	RS-700	-0.287075771
17411	9/3/2019 11:12:02		-122.36	37.7146				1893.8824	RS-700	-0.219490547
17412	9/3/2019 11:12:03		-122.36	37.7146				1807.56538	RS-700	-0.648928458
17413	9/3/2019 11:12:04		-122.36	37.7146				1961.9004	RS-700	0.118907463
17414	9/3/2019 11:12:05		-122.36	37.7146				1831.92901	RS-700	-0.527716368
17415	9/3/2019 11:12:06		-122.36	37.7146				1929.86986	RS-700	-0.040448458
17416	9/3/2019 11:12:07		-122.36	37.7146				1951.99134	RS-700	0.069608657
17417	9/3/2019 11:12:08		-122.36	37.7146				1932.07695	RS-700	-0.02946791
17418	9/3/2019 11:12:09		-122.36	37.7146				1920.68045	RS-700	-0.086166915
17419	9/3/2019 11:12:10		-122.36	37.7146				1849.38816	RS-700	-0.440854925
17420	9/3/2019 11:12:11		-122.36	37.7146				1870.57674	RS-700	-0.335439104
17421	9/3/2019 11:12:12		-122.36	37.7146				1900.86292	RS-700	-0.184761592
17422	9/3/2019 11:12:13		-122.36	37.7146				1919.207	RS-700	-0.093497512
17423	9/3/2019 11:12:14		-122.36	37.7146				1929.19649	RS-700	-0.043798557
17424	9/3/2019 11:12:15		-122.36	37.7146				1834.74431	RS-700	-0.5137099
17425	9/3/2019 11:12:16		-122.361	37.7146				1863.7795	RS-700	-0.369256219
17426	9/3/2019 11:12:17		-122.361	37.7146				1823.28573	RS-700	-0.570717761
17427	9/3/2019 11:12:18		-122.361	37.7146				1818.56019	RS-700	-0.59422791
17428	9/3/2019 11:12:19		-122.361	37.7146				1692.17809	RS-700	-1.222994577
17429	9/3/2019 11:12:20		-122.361	37.7147				1744.72188	RS-700	-0.961582687
17430	9/3/2019 11:12:21		-122.361	37.7147				1848.57386	RS-700	-0.444906169
17431	9/3/2019 11:12:22		-122.361	37.7147				1954.30683	RS-700	0.081128507
17432	9/3/2019 11:12:23		-122.361	37.7147				1915.87359	RS-700	-0.110081642
17433	9/3/2019 11:12:24		-122.361	37.7147				1864.94909	RS-700	-0.363437363
17434	9/3/2019 11:12:25		-122.361	37.7147				1887.76948	RS-700	-0.249903085
17435	9/3/2019 11:12:26		-122.361	37.7147				1911.57565	RS-700	-0.131464428
17436	9/3/2019 11:12:27		-122.361	37.7147				1865.48349	RS-700	-0.360778657
17437	9/3/2019 11:12:28		-122.361	37.7147				1933.31272	RS-700	-0.023319801
17438	9/3/2019 11:12:29		-122.361	37.7147				1979.80746	RS-700	0.207997313
17439	9/3/2019 11:12:30		-122.361	37.7147				1954.20991	RS-700	0.080646318
17440	9/3/2019 11:12:31		-122.361	37.7147				1982.81064	RS-700	0.222938507
17441	9/3/2019 11:12:32		-122.361	37.7147				1943.89239	RS-700	0.029315373
17442	9/3/2019 11:12:33		-122.361	37.7147				1955.89713	RS-700	0.089040448
17443	9/3/2019 11:12:34		-122.361	37.7147				1950.70057	RS-700	0.063186915
17444	9/3/2019 11:12:35		-122.361	37.7147				1976.18615	RS-700	0.189980846
17445	9/3/2019 11:12:36		-122.361	37.7147				1882.49017	RS-700	-0.276168308

Gamma Scan Survey Results
Survey Unit 5 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
17446	9/3/2019 11:12:37		-122.361	37.7147				1812.92559	RS-700	-0.622260746
17447	9/3/2019 11:12:38		-122.361	37.7147				1766.70391	RS-700	-0.852219353
17448	9/3/2019 11:12:39		-122.361	37.7147				1813.74002	RS-700	-0.618208856
17449	9/3/2019 11:12:40		-122.361	37.7147				1953.60184	RS-700	0.077621095
17450	9/3/2019 11:12:41		-122.361	37.7147				1816.37804	RS-700	-0.605084378
17451	9/3/2019 11:12:42		-122.361	37.7147				1908.34636	RS-700	-0.147530547
17452	9/3/2019 11:12:43		-122.361	37.7147				1879.76737	RS-700	-0.289714577
17453	9/3/2019 11:12:44		-122.361	37.7147				1780.1913	RS-700	-0.78511791
17454	9/3/2019 11:12:45		-122.361	37.7147				1887.40197	RS-700	-0.251731493
17455	9/3/2019 11:12:46		-122.361	37.7147				1923.88199	RS-700	-0.070238856
17456	9/3/2019 11:12:47		-122.361	37.7148				1777.45569	RS-700	-0.79872791
17457	9/3/2019 11:12:48		-122.361	37.7148				1882.95042	RS-700	-0.273878507
17458	9/3/2019 11:12:49		-122.361	37.7148				1870.03977	RS-700	-0.338110597
17459	9/3/2019 11:12:50		-122.361	37.7148				1937.59835	RS-700	-0.001998259
17460	9/3/2019 11:12:51		-122.361	37.7148				1944.69458	RS-700	0.033306368
17461	9/3/2019 11:12:52		-122.361	37.7148				1881.48982	RS-700	-0.281145174
17462	9/3/2019 11:12:53		-122.361	37.7148				1911.77903	RS-700	-0.130452587
17463	9/3/2019 11:12:54		-122.361	37.7148				1894.47338	RS-700	-0.216550348
17464	9/3/2019 11:12:55		-122.361	37.7148				1962.79233	RS-700	0.123344925
17465	9/3/2019 11:12:56		-122.361	37.7148				1897.8738	RS-700	-0.199632836
17466	9/3/2019 11:12:57		-122.361	37.7148				1983.71065	RS-700	0.227416169
17467	9/3/2019 11:12:58		-122.361	37.7148				1958.71176	RS-700	0.103043582
17468	9/3/2019 11:12:59		-122.361	37.7148				2012.92617	RS-700	0.372767015
17469	9/3/2019 11:13:00		-122.361	37.7148				2039.72898	RS-700	0.506114328
17470	9/3/2019 11:13:01		-122.361	37.7148				2051.72817	RS-700	0.565811791
17471	9/3/2019 11:13:02		-122.361	37.7148				1991.51556	RS-700	0.266246567
17472	9/3/2019 11:13:03		-122.361	37.7148				1918.7847	RS-700	-0.095598507
17473	9/3/2019 11:13:04		-122.361	37.7148				1958.99433	RS-700	0.104449403
17474	9/3/2019 11:13:05		-122.361	37.7148				1975.51223	RS-700	0.18662801
17475	9/3/2019 11:13:06		-122.361	37.7148				1880.39352	RS-700	-0.286599403
17476	9/3/2019 11:13:07		-122.361	37.7148				1933.69437	RS-700	-0.021421045
17477	9/3/2019 11:13:08		-122.361	37.7148				1496.68609	RS-700	-2.195591592
17478	9/3/2019 11:13:09		-122.361	37.7148				1479.62147	RS-700	-2.280490199
17479	9/3/2019 11:13:10		-122.361	37.7148				1855.95388	RS-700	-0.408189652
17480	9/3/2019 11:13:11		-122.361	37.7148				1857.66207	RS-700	-0.399691194
17481	9/3/2019 11:13:12		-122.361	37.7148				1606.49988	RS-700	-1.649254328
17482	9/3/2019 11:13:13		-122.361	37.7148				846.21982	RS-700	-5.431742189
17483	9/3/2019 11:13:14		-122.361	37.7148				757.16088	RS-700	-5.874821493
17484	9/3/2019 11:13:15		-122.361	37.7148				1317.3237	RS-700	-3.087941791
17485	9/3/2019 11:13:16		-122.361	37.7149				1874.57364	RS-700	-0.31555403
17486	9/3/2019 11:13:17		-122.361	37.7149				1911.78915	RS-700	-0.130402239
17487	9/3/2019 11:13:18		-122.361	37.7149				1925.7858	RS-700	-0.060767164
17488	9/3/2019 11:13:19		-122.361	37.7149				1908.68295	RS-700	-0.14585597
17489	9/3/2019 11:13:20		-122.361	37.7149				1909.68419	RS-700	-0.140874677
17490	9/3/2019 11:13:21		-122.361	37.7149				1952.30699	RS-700	0.071179055
17491	9/3/2019 11:13:22		-122.361	37.7149				1856.47656	RS-700	-0.405589254
17492	9/3/2019 11:13:23		-122.361	37.7149				1853.38563	RS-700	-0.420967015
17493	9/3/2019 11:13:24		-122.361	37.7149				1878.95396	RS-700	-0.293761393
17494	9/3/2019 11:13:25		-122.361	37.7149				1920.68486	RS-700	-0.086144975
17495	9/3/2019 11:13:26		-122.361	37.7149				1864.29309	RS-700	-0.366701045
17496	9/3/2019 11:13:27		-122.361	37.7149				1903.87463	RS-700	-0.16977796
17497	9/3/2019 11:13:28		-122.361	37.7149				1887.58181	RS-700	-0.250836766
17498	9/3/2019 11:13:29		-122.361	37.7149				1868.68209	RS-700	-0.344865224
17499	9/3/2019 11:13:30		-122.361	37.7149				1834.66102	RS-700	-0.514124279
17500	9/3/2019 11:13:31		-122.361	37.7149				1896.97227	RS-700	-0.20411806
17501	9/3/2019 11:13:32		-122.361	37.7149				1910.87491	RS-700	-0.134950697
17502	9/3/2019 11:13:33		-122.361	37.7149				1911.87864	RS-700	-0.129957015
17503	9/3/2019 11:13:34		-122.361	37.7149				1756.19385	RS-700	-0.904508209
17504	9/3/2019 11:13:35		-122.361	37.7149				1817.27977	RS-700	-0.600598159
17505	9/3/2019 11:13:36		-122.361	37.7149				1448.23132	RS-700	-2.4366601
17506	9/3/2019 11:13:37		-122.361	37.7149				1177.35818	RS-700	-3.784287662

Gamma Scan Survey Results
Survey Unit 5 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
17507	9/3/2019 11:13:38		-122.361	37.7149				1281.51728	RS-700	-3.266083184
17508	9/3/2019 11:13:39		-122.361	37.7149				1652.67829	RS-700	-1.419510995
17509	9/3/2019 11:13:40		-122.361	37.7149				1829.20195	RS-700	-0.541283831
17510	9/3/2019 11:13:41		-122.361	37.7149				1908.49482	RS-700	-0.14679194
17511	9/3/2019 11:13:42		-122.361	37.7149				1889.65	RS-700	-0.240547264
17512	9/3/2019 11:13:43		-122.361	37.715				1907.97161	RS-700	-0.149394975
17513	9/3/2019 11:13:44		-122.361	37.715				1826.93935	RS-700	-0.552540547
17514	9/3/2019 11:13:45		-122.361	37.715				1746.62965	RS-700	-0.952091294
17515	9/3/2019 11:13:46		-122.361	37.715				1806.65165	RS-700	-0.653474378
17516	9/3/2019 11:13:47		-122.361	37.715				1872.95611	RS-700	-0.323601443
17517	9/3/2019 11:13:48		-122.361	37.715				2011.81461	RS-700	0.367236866
17518	9/3/2019 11:13:49		-122.361	37.715				1950.70003	RS-700	0.063184229
17519	9/3/2019 11:13:50		-122.361	37.715				2003.62553	RS-700	0.326495174
17520	9/3/2019 11:13:51		-122.361	37.715				2053.64096	RS-700	0.575328159
17521	9/3/2019 11:13:52		-122.361	37.715				1974.60992	RS-700	0.182138905
17522	9/3/2019 11:13:53		-122.361	37.715				1941.78947	RS-700	0.018853085
17523	9/3/2019 11:13:54		-122.361	37.715				1920.99804	RS-700	-0.084586866
17524	9/3/2019 11:13:55		-122.361	37.715				1890.88141	RS-700	-0.234420846
17525	9/3/2019 11:13:56		-122.361	37.715				1858.03769	RS-700	-0.397822438
17526	9/3/2019 11:13:57		-122.361	37.715				1848.85667	RS-700	-0.443499154
17527	9/3/2019 11:13:58		-122.361	37.715				1784.54011	RS-700	-0.76348204
17528	9/3/2019 11:13:59		-122.361	37.715				1914.97452	RS-700	-0.114554627
17529	9/3/2019 11:14:00		-122.361	37.715				1892.95591	RS-700	-0.22409995
17530	9/3/2019 11:14:01		-122.361	37.715				1883.77037	RS-700	-0.269799154
17531	9/3/2019 11:14:02		-122.361	37.715				1869.57838	RS-700	-0.34040607
17532	9/3/2019 11:14:03		-122.361	37.715				1895.58432	RS-700	-0.211023284
17533	9/3/2019 11:14:04		-122.361	37.715				1916.69158	RS-700	-0.10601204
17534	9/3/2019 11:14:05		-122.361	37.715				1817.37773	RS-700	-0.600110796
17535	9/3/2019 11:14:06		-122.361	37.715				1901.58578	RS-700	-0.181165274
17536	9/3/2019 11:14:07		-122.361	37.715				1867.48084	RS-700	-0.350841592
17537	9/3/2019 11:14:08		-122.361	37.715				1866.94967	RS-700	-0.353484229
17538	9/3/2019 11:14:09		-122.361	37.715				1817.37718	RS-700	-0.600113532
17539	9/3/2019 11:14:10		-122.361	37.715				1958.80703	RS-700	0.103517562
17540	9/3/2019 11:14:11		-122.361	37.715				1863.66519	RS-700	-0.369824925
17541	9/3/2019 11:14:12		-122.361	37.715				1957.90548	RS-700	0.099032239
17542	9/3/2019 11:14:13		-122.361	37.7151				2009.41895	RS-700	0.355318159
17543	9/3/2019 11:14:14		-122.361	37.7151				1848.19841	RS-700	-0.44677408
17544	9/3/2019 11:14:15		-122.361	37.7151				1883.58082	RS-700	-0.270742189
17545	9/3/2019 11:14:16		-122.361	37.7151				1925.39979	RS-700	-0.062687612
17546	9/3/2019 11:14:17		-122.361	37.7151				1935.50456	RS-700	-0.012415124
17547	9/3/2019 11:14:18		-122.361	37.7151				1904.58658	RS-700	-0.16623592
17548	9/3/2019 11:14:19		-122.361	37.7151				1888.8633	RS-700	-0.244461194
17549	9/3/2019 11:14:20		-122.361	37.7151				1875.29807	RS-700	-0.3119499
17550	9/3/2019 11:14:21		-122.361	37.7151				1896.86937	RS-700	-0.20463
17551	9/3/2019 11:14:22		-122.361	37.7151				1883.673	RS-700	-0.270283582
17552	9/3/2019 11:14:23		-122.361	37.7151				1851.47852	RS-700	-0.430455124
17553	9/3/2019 11:14:24		-122.361	37.7151				1846.56353	RS-700	-0.454907811
17554	9/3/2019 11:14:25		-122.361	37.7151				1915.58789	RS-700	-0.111503035
17555	9/3/2019 11:14:26		-122.361	37.7151				1831.84421	RS-700	-0.528138259
17556	9/3/2019 11:14:27		-122.361	37.7151				1872.57995	RS-700	-0.325472886
17557	9/3/2019 11:14:28		-122.361	37.7151				1890.15472	RS-700	-0.238036219
17558	9/3/2019 11:14:29		-122.361	37.7151				1859.5726	RS-700	-0.39018607
17559	9/3/2019 11:14:30		-122.361	37.7151				1882.58771	RS-700	-0.275683035
17560	9/3/2019 11:14:31		-122.361	37.7151				1657.34511	RS-700	-1.396292985
17561	9/3/2019 11:14:32		-122.361	37.7151				1311.59767	RS-700	-3.116429502
17562	9/3/2019 11:14:33		-122.361	37.7151				1206.47603	RS-700	-3.639422736
17563	9/3/2019 11:14:34		-122.361	37.7151				1231.2352	RS-700	-3.516242786
17564	9/3/2019 11:14:35		-122.361	37.7151				1390.07358	RS-700	-2.72600209
17565	9/3/2019 11:14:36		-122.361	37.7151				1657.26206	RS-700	-1.396706169
17566	9/3/2019 11:14:37		-122.361	37.7151				1698.45144	RS-700	-1.191783881
17567	9/3/2019 11:14:38		-122.361	37.7151				1770.45154	RS-700	-0.833574428

Gamma Scan Survey Results
Survey Unit 5 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
17568	9/3/2019 11:14:39		-122.361	37.7151				1790.29097	RS-700	-0.734870796
17569	9/3/2019 11:14:40		-122.361	37.7151				1777.63429	RS-700	-0.797839353
17570	9/3/2019 11:14:41		-122.361	37.7151				1226.3123	RS-700	-3.540734826
17571	9/3/2019 11:14:42		-122.361	37.7151				731.15226	RS-700	-6.004217612
17572	9/3/2019 11:14:43		-122.361	37.7151				677.07663	RS-700	-6.273250597
17573	9/3/2019 11:14:44		-122.361	37.7151				713.07443	RS-700	-6.094157065
17574	9/3/2019 11:14:45		-122.361	37.7151				1233.25595	RS-700	-3.506189303
17575	9/3/2019 11:14:46		-122.361	37.7151				1601.4146	RS-700	-1.674554229
17576	9/3/2019 11:14:47		-122.361	37.7151				1668.34806	RS-700	-1.34155194
17577	9/3/2019 11:14:48		-122.361	37.7152				1876.76595	RS-700	-0.304647015
17578	9/3/2019 11:14:49		-122.361	37.7152				1798.6436	RS-700	-0.693315423
17579	9/3/2019 11:14:50		-122.361	37.7152				1887.29945	RS-700	-0.252241542
17580	9/3/2019 11:14:51		-122.361	37.7152				1910.39846	RS-700	-0.137321095
17581	9/3/2019 11:14:52		-122.361	37.7152				1848.4713	RS-700	-0.445416418
17582	9/3/2019 11:14:53		-122.361	37.7152				1891.3974	RS-700	-0.231853731
17583	9/3/2019 11:14:54		-122.361	37.7152				1810.63616	RS-700	-0.633650945
17584	9/3/2019 11:14:55		-122.361	37.7152				1841.9417	RS-700	-0.47790199
17585	9/3/2019 11:14:56		-122.361	37.7152				1763.71781	RS-700	-0.867075572
17586	9/3/2019 11:14:57		-122.361	37.7152				1815.28635	RS-700	-0.610515672
17587	9/3/2019 11:14:58		-122.361	37.7152				1807.55637	RS-700	-0.648973284
17588	9/3/2019 11:14:59		-122.361	37.7152				1781.45448	RS-700	-0.778833433
17589	9/3/2019 11:15:00		-122.361	37.7152				1787.36831	RS-700	-0.749411393
17590	9/3/2019 11:15:01		-122.361	37.7152				1804.2848	RS-700	-0.665249751
17591	9/3/2019 11:15:02		-122.361	37.7152				1823.38108	RS-700	-0.570243383
17592	9/3/2019 11:15:03		-122.361	37.7152				1772.82317	RS-700	-0.821775274
17593	9/3/2019 11:15:04		-122.361	37.7152				1880.39321	RS-700	-0.286600945
17594	9/3/2019 11:15:05		-122.361	37.7152				1823.28878	RS-700	-0.570702587
17595	9/3/2019 11:15:06		-122.361	37.7152				1926.29662	RS-700	-0.058225771
17596	9/3/2019 11:15:07		-122.361	37.7152				1870.66914	RS-700	-0.334979403
17597	9/3/2019 11:15:08		-122.361	37.7152				1833.74269	RS-700	-0.518693085
17598	9/3/2019 11:15:09		-122.361	37.7152				1848.84678	RS-700	-0.443548358
17599	9/3/2019 11:15:10		-122.362	37.7152				1836.48958	RS-700	-0.505026965
17600	9/3/2019 11:15:11		-122.362	37.7152				1777.34063	RS-700	-0.799300348
17601	9/3/2019 11:15:12		-122.362	37.7152				1856.66757	RS-700	-0.404638955
17602	9/3/2019 11:15:13		-122.362	37.7152				1876.68563	RS-700	-0.305046617
17603	9/3/2019 11:15:14		-122.362	37.7152				1808.37698	RS-700	-0.644890647
17604	9/3/2019 11:15:15		-122.362	37.7152				1778.09123	RS-700	-0.79556602
17605	9/3/2019 11:15:16		-122.362	37.7152				1837.8631	RS-700	-0.498193532
17606	9/3/2019 11:15:17		-122.362	37.7152				1843.1973	RS-700	-0.471655224
17607	9/3/2019 11:15:18		-122.362	37.7152				1855.19891	RS-700	-0.411945721
17608	9/3/2019 11:15:19		-122.362	37.7152				1914.89367	RS-700	-0.114956866
17609	9/3/2019 11:15:20		-122.362	37.7153				1754.89225	RS-700	-0.910983831
17610	9/3/2019 11:15:21		-122.362	37.7153				1843.28925	RS-700	-0.471197761
17611	9/3/2019 11:15:22		-122.362	37.7153				1879.3858	RS-700	-0.291612935
17612	9/3/2019 11:15:23		-122.362	37.7153				1861.19981	RS-700	-0.382090498
17613	9/3/2019 11:15:24		-122.362	37.7153				1783.08521	RS-700	-0.770720348
17614	9/3/2019 11:15:25		-122.362	37.7153				1881.05478	RS-700	-0.283309552
17615	9/3/2019 11:15:26		-122.362	37.7153				1756.44445	RS-700	-0.903261443
17616	9/3/2019 11:15:27		-122.362	37.7153				1889.77285	RS-700	-0.23993607
17617	9/3/2019 11:15:28		-122.362	37.7153				1838.56615	RS-700	-0.494695771
17618	9/3/2019 11:15:29		-122.362	37.7153				1811.37384	RS-700	-0.629980896
17619	9/3/2019 11:15:30		-122.362	37.7153				1738.54086	RS-700	-0.99233403
17620	9/3/2019 11:15:31		-122.362	37.7153				1896.69565	RS-700	-0.205494279
17621	9/3/2019 11:15:32		-122.362	37.7153				1863.57454	RS-700	-0.37027592
17622	9/3/2019 11:15:33		-122.362	37.7153				1963.40933	RS-700	0.126414577
17623	9/3/2019 11:15:34		-122.362	37.7153				1980.60662	RS-700	0.211973234
17624	9/3/2019 11:15:35		-122.362	37.7153				1988.72526	RS-700	0.252364478
17625	9/3/2019 11:15:36		-122.362	37.7153				2087.63799	RS-700	0.744467612
17626	9/3/2019 11:15:37		-122.362	37.7153				1952.79272	RS-700	0.073595622
17627	9/3/2019 11:15:38		-122.362	37.7153				1950.6007	RS-700	0.06269005
17628	9/3/2019 11:15:39		-122.362	37.7153				1952.50422	RS-700	0.072160299

Gamma Scan Survey Results
Survey Unit 5 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
17629	9/3/2019 11:15:40		-122.362	37.7153				1791.6424	RS-700	-0.728147264
17630	9/3/2019 11:15:41		-122.362	37.7153				1876.38926	RS-700	-0.306521095
17631	9/3/2019 11:15:42		-122.362	37.7153				1887.38565	RS-700	-0.251812687
17632	9/3/2019 11:15:43		-122.362	37.7153				1851.75626	RS-700	-0.429073333
17633	9/3/2019 11:15:44		-122.362	37.7153				1877.57787	RS-700	-0.300607612
17634	9/3/2019 11:15:45		-122.362	37.7153				1833.19811	RS-700	-0.521402438
17635	9/3/2019 11:15:46		-122.362	37.7153				1823.92827	RS-700	-0.567521045
17636	9/3/2019 11:15:47		-122.362	37.7153				1837.38177	RS-700	-0.500588209
17637	9/3/2019 11:15:48		-122.362	37.7153				1909.34609	RS-700	-0.142556766
17638	9/3/2019 11:15:49		-122.362	37.7154				1959.21151	RS-700	0.1055299
17639	9/3/2019 11:15:50		-122.362	37.7154				1855.75614	RS-700	-0.409173433
17640	9/3/2019 11:15:51		-122.362	37.7154				1837.38751	RS-700	-0.500559652
17641	9/3/2019 11:15:52		-122.362	37.7154				1914.58522	RS-700	-0.116491443
17642	9/3/2019 11:15:53		-122.362	37.7154				1956.70154	RS-700	0.093042488
17643	9/3/2019 11:15:54		-122.362	37.7154				1977.71353	RS-700	0.197579751
17644	9/3/2019 11:15:55		-122.362	37.7154				1988.70873	RS-700	0.252282239
17645	9/3/2019 11:15:56		-122.362	37.7154				2000.11556	RS-700	0.309032637
17646	9/3/2019 11:15:57		-122.362	37.7154				1994.61636	RS-700	0.281673433
17647	9/3/2019 11:15:58		-122.362	37.7154				1971.60858	RS-700	0.167206866
17648	9/3/2019 11:15:59		-122.362	37.7154				1953.89427	RS-700	0.07907597
17649	9/3/2019 11:16:00		-122.362	37.7154				1945.39862	RS-700	0.036809055
17650	9/3/2019 11:16:01		-122.362	37.7154				1957.93122	RS-700	0.099160299
17651	9/3/2019 11:16:02		-122.362	37.7154				2021.42775	RS-700	0.415063433
17652	9/3/2019 11:16:03		-122.362	37.7154				1918.68066	RS-700	-0.096116119
17653	9/3/2019 11:16:04		-122.362	37.7154				1918.68561	RS-700	-0.096091493
17654	9/3/2019 11:16:05		-122.362	37.7154				1834.65381	RS-700	-0.514160149
17655	9/3/2019 11:16:06		-122.362	37.7154				1660.55908	RS-700	-1.380303085
17656	9/3/2019 11:16:07		-122.362	37.7154				1712.63293	RS-700	-1.121229204
17657	9/3/2019 11:16:08		-122.362	37.7154				1895.67562	RS-700	-0.210569055
17658	9/3/2019 11:16:09		-122.362	37.7154				1859.6826	RS-700	-0.389638806
17659	9/3/2019 11:16:10		-122.362	37.7154				1650.60418	RS-700	-1.42982995
17660	9/3/2019 11:16:11		-122.362	37.7154				787.08663	RS-700	-5.725937164
17661	9/3/2019 11:16:12		-122.362	37.7154				653.0383	RS-700	-6.392844279
17662	9/3/2019 11:16:13		-122.362	37.7154				1086.22652	RS-700	-4.237679005
17663	9/3/2019 11:16:14		-122.362	37.7154				1839.38533	RS-700	-0.490620249
17664	9/3/2019 11:16:15		-122.362	37.7154				1847.28952	RS-700	-0.45129592
17665	9/3/2019 11:16:16		-122.362	37.7154				1990.81879	RS-700	0.26278005
17666	9/3/2019 11:16:17		-122.362	37.7154				1893.29676	RS-700	-0.222404179
17667	9/3/2019 11:16:18		-122.362	37.7155				1962.38982	RS-700	0.121342388
17668	9/3/2019 11:16:19		-122.362	37.7155				1915.77606	RS-700	-0.110566866
17669	9/3/2019 11:16:20		-122.362	37.7155				1949.21227	RS-700	0.055782438
17670	9/3/2019 11:16:21		-122.362	37.7155				1869.57634	RS-700	-0.340416219
17671	9/3/2019 11:16:22		-122.362	37.7155				1896.48983	RS-700	-0.206518259
17672	9/3/2019 11:16:23		-122.362	37.7155				1931.70505	RS-700	-0.031318159
17673	9/3/2019 11:16:24		-122.362	37.7155				1980.60382	RS-700	0.211959303
17674	9/3/2019 11:16:25		-122.362	37.7155				2006.20771	RS-700	0.339341841
17675	9/3/2019 11:16:26		-122.362	37.7155				1950.60084	RS-700	0.062690746
17676	9/3/2019 11:16:27		-122.362	37.7155				1969.51493	RS-700	0.156790697
17677	9/3/2019 11:16:28		-122.362	37.7155				1969.09692	RS-700	0.154711045
17678	9/3/2019 11:16:29		-122.362	37.7155				1999.01534	RS-700	0.303558905
17679	9/3/2019 11:16:30		-122.362	37.7155				1948.99059	RS-700	0.054679552
17680	9/3/2019 11:16:31		-122.362	37.7155				2044.61012	RS-700	0.530398607
17681	9/3/2019 11:16:32		-122.362	37.7155				2062.37154	RS-700	0.618763881
17682	9/3/2019 11:16:33		-122.362	37.7155				1998.31698	RS-700	0.300084478
17683	9/3/2019 11:16:34		-122.362	37.7155				1837.38417	RS-700	-0.500576269
17684	9/3/2019 11:16:35		-122.362	37.7155				1624.41277	RS-700	-1.560135473
17685	9/3/2019 11:16:36		-122.362	37.7155				1915.8768	RS-700	-0.110065672
17686	9/3/2019 11:16:37		-122.362	37.7155				1969.00894	RS-700	0.154273333
17687	9/3/2019 11:16:38		-122.362	37.7155				1905.97318	RS-700	-0.159337413
17688	9/3/2019 11:16:39		-122.362	37.7155				1932.49991	RS-700	-0.027363632
17689	9/3/2019 11:16:40		-122.362	37.7155				1949.8914	RS-700	0.059161194

Gamma Scan Survey Results
Survey Unit 5 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
17690	9/3/2019 11:16:41		-122.362	37.7155				1965.40853	RS-700	0.136360846
17691	9/3/2019 11:16:42		-122.362	37.7155				1946.20626	RS-700	0.040827164
17692	9/3/2019 11:16:43		-122.362	37.7155				1914.49891	RS-700	-0.116920846
17693	9/3/2019 11:16:44		-122.362	37.7155				1863.48091	RS-700	-0.370741741
17694	9/3/2019 11:16:45		-122.362	37.7155				1890.57369	RS-700	-0.235951791
17695	9/3/2019 11:16:46		-122.362	37.7155				1860.94002	RS-700	-0.383382985
17696	9/3/2019 11:16:47		-122.362	37.7155				1902.77767	RS-700	-0.175235473
17697	9/3/2019 11:16:48		-122.362	37.7155				1944.79649	RS-700	0.033813383
17698	9/3/2019 11:16:49		-122.362	37.7155				1896.48741	RS-700	-0.206530299
17699	9/3/2019 11:16:50		-122.362	37.7156				1884.04766	RS-700	-0.268419602
17700	9/3/2019 11:16:51		-122.362	37.7156				1937.59666	RS-700	-0.002006667
17701	9/3/2019 11:16:52		-122.362	37.7156				2052.53036	RS-700	0.569802786
17702	9/3/2019 11:16:53		-122.362	37.7156				1990.10191	RS-700	0.259213483
17703	9/3/2019 11:16:54		-122.362	37.7156				2079.05638	RS-700	0.701773035
17704	9/3/2019 11:16:55		-122.362	37.7156				2158.31333	RS-700	1.096086219
17705	9/3/2019 11:16:56		-122.362	37.7156				2030.42117	RS-700	0.459806816
17706	9/3/2019 11:16:57		-122.362	37.7156				2072.62791	RS-700	0.669790597
17707	9/3/2019 11:16:58		-122.362	37.7156				2015.21632	RS-700	0.384160796
17708	9/3/2019 11:16:59		-122.362	37.7156				2051.04199	RS-700	0.56239796
17709	9/3/2019 11:17:00		-122.362	37.7156				1915.87606	RS-700	-0.110069353
17710	9/3/2019 11:17:01		-122.362	37.7156				2032.83023	RS-700	0.471792189
17711	9/3/2019 11:17:02		-122.362	37.7156				1921.06725	RS-700	-0.084242537
17712	9/3/2019 11:17:03		-122.362	37.7156				2057.45585	RS-700	0.594307711
17713	9/3/2019 11:17:04		-122.362	37.7156				1959.89925	RS-700	0.108951493
17714	9/3/2019 11:17:05		-122.362	37.7156				2103.43839	RS-700	0.823076567
17715	9/3/2019 11:17:06		-122.362	37.7156				2026.73101	RS-700	0.441447811
17716	9/3/2019 11:17:07		-122.362	37.7156				1965.50834	RS-700	0.136857413
17717	9/3/2019 11:17:08		-122.362	37.7156				1969.60664	RS-700	0.157246965
17718	9/3/2019 11:17:09		-122.362	37.7156				1960.51503	RS-700	0.112015075
17719	9/3/2019 11:17:10		-122.362	37.7156				1930.30673	RS-700	-0.038274975
17720	9/3/2019 11:17:11		-122.362	37.7156				1968.70837	RS-700	0.15277796
17721	9/3/2019 11:17:12		-122.362	37.7156				2015.92892	RS-700	0.38770607
17722	9/3/2019 11:17:13		-122.362	37.7156				2007.61715	RS-700	0.34635398
17723	9/3/2019 11:17:14		-122.362	37.7156				1999.81411	RS-700	0.307532886
17724	9/3/2019 11:17:15		-122.362	37.7156				1952.90422	RS-700	0.074150348
17725	9/3/2019 11:17:16		-122.362	37.7157				1922.70377	RS-700	-0.076100647
17726	9/3/2019 11:17:17		-122.362	37.7157				1974.61559	RS-700	0.182167114
17727	9/3/2019 11:17:18		-122.362	37.7157				1951.89559	RS-700	0.069132289
17728	9/3/2019 11:17:19		-122.362	37.7157				1888.76421	RS-700	-0.244954179
17729	9/3/2019 11:17:20		-122.362	37.7157				1969.30616	RS-700	0.15575204
17730	9/3/2019 11:17:21		-122.362	37.7157				1908.87782	RS-700	-0.144886468
17731	9/3/2019 11:17:22		-122.362	37.7157				1972.51016	RS-700	0.171692338
17732	9/3/2019 11:17:23		-122.362	37.7157				2211.67389	RS-700	1.361561642
17733	9/3/2019 11:17:24		-122.362	37.7157				2048.52864	RS-700	0.549893731
17734	9/3/2019 11:17:25		-122.362	37.7157				2074.95313	RS-700	0.681358856
17735	9/3/2019 11:17:26		-122.362	37.7157				2100.06825	RS-700	0.806309701
17736	9/3/2019 11:17:27		-122.362	37.7157				1406.47174	RS-700	-2.644419204
17737	9/3/2019 11:17:28		-122.362	37.7157				1210.301	RS-700	-3.620393035
17738	9/3/2019 11:17:29		-122.362	37.7157				1738.1882	RS-700	-0.994088557
17739	9/3/2019 11:17:30		-122.362	37.7157				1951.7028	RS-700	0.068173134
17740	9/3/2019 11:17:31		-122.362	37.7157				1745.7127	RS-700	-0.956653234
17741	9/3/2019 11:17:32		-122.362	37.7157				996.2099	RS-700	-4.685522886
17742	9/3/2019 11:17:33		-122.362	37.7157				758.0812	RS-700	-5.870242786
17743	9/3/2019 11:17:34		-122.362	37.7157				801.16588	RS-700	-5.655891144
17744	9/3/2019 11:17:35		-122.362	37.7157				1584.5623	RS-700	-1.758396517
17745	9/3/2019 11:17:36		-122.362	37.7157				1985.70787	RS-700	0.237352587
17746	9/3/2019 11:17:37		-122.362	37.7157				1905.77864	RS-700	-0.160305274
17747	9/3/2019 11:17:38		-122.362	37.7157				2007.04518	RS-700	0.343508358
17748	9/3/2019 11:17:39		-122.362	37.7157				1916.59372	RS-700	-0.106498905
17749	9/3/2019 11:17:40		-122.362	37.7157				2028.82731	RS-700	0.451877164
17750	9/3/2019 11:17:41		-122.362	37.7157				2050.94085	RS-700	0.561894776

Gamma Scan Survey Results
Survey Unit 5 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
17751	9/3/2019 11:17:42		-122.362	37.7157				2113.28475	RS-700	0.872063433
17752	9/3/2019 11:17:43		-122.362	37.7158				2029.53476	RS-700	0.455396816
17753	9/3/2019 11:17:44		-122.362	37.7158				2080.9554	RS-700	0.711220896
17754	9/3/2019 11:17:45		-122.362	37.7158				2031.21911	RS-700	0.463776667
17755	9/3/2019 11:17:46		-122.362	37.7158				1867.85056	RS-700	-0.349002189
17756	9/3/2019 11:17:47		-122.362	37.7158				1959.4092	RS-700	0.106513433
17757	9/3/2019 11:17:48		-122.362	37.7158				1968.99898	RS-700	0.154223781
17758	9/3/2019 11:17:49		-122.362	37.7158				1905.679	RS-700	-0.160800995
17759	9/3/2019 11:17:50		-122.362	37.7158				1745.27745	RS-700	-0.958818657
17760	9/3/2019 11:17:51		-122.362	37.7158				1803.46762	RS-700	-0.669315323
17761	9/3/2019 11:17:52		-122.362	37.7158				1727.62057	RS-700	-1.046663831
17762	9/3/2019 11:17:53		-122.362	37.7158				1731.71385	RS-700	-1.026299254
17763	9/3/2019 11:17:54		-122.362	37.7158				1824.57373	RS-700	-0.564309801
17764	9/3/2019 11:17:55		-122.362	37.7158				1756.90351	RS-700	-0.900977562
17765	9/3/2019 11:17:56		-122.362	37.7158				1782.70796	RS-700	-0.772597214
17766	9/3/2019 11:17:57		-122.363	37.7158				1825.47052	RS-700	-0.559848159
17767	9/3/2019 11:17:58		-122.363	37.7158				1830.01962	RS-700	-0.537215821
17768	9/3/2019 11:17:59		-122.363	37.7158				1766.45426	RS-700	-0.853461393
17769	9/3/2019 11:18:00		-122.363	37.7158				1733.98143	RS-700	-1.015017761
17770	9/3/2019 11:18:01		-122.363	37.7158				1821.93124	RS-700	-0.577456517
17771	9/3/2019 11:18:02		-122.363	37.7158				1807.82731	RS-700	-0.647625323
17772	9/3/2019 11:18:03		-122.363	37.7158				1889.58381	RS-700	-0.240876567
17773	9/3/2019 11:18:04		-122.363	37.7158				1861.4786	RS-700	-0.380703483
17774	9/3/2019 11:18:05		-122.363	37.7158				1904.59376	RS-700	-0.166200199
17775	9/3/2019 11:18:06		-122.363	37.7158				1888.20636	RS-700	-0.247729552
17776	9/3/2019 11:18:07		-122.363	37.7158				1917.49696	RS-700	-0.102005174
17777	9/3/2019 11:18:08		-122.363	37.7158				1950.1102	RS-700	0.060249751
17778	9/3/2019 11:18:09		-122.363	37.7158				1983.10798	RS-700	0.224417811
17779	9/3/2019 11:18:10		-122.363	37.7159				1902.05901	RS-700	-0.178810896
17780	9/3/2019 11:18:11		-122.363	37.7159				1890.77179	RS-700	-0.234966219
17781	9/3/2019 11:18:12		-122.363	37.7159				1831.47753	RS-700	-0.529962537
17782	9/3/2019 11:18:13		-122.363	37.7159				1937.69394	RS-700	-0.001522687
17783	9/3/2019 11:18:14		-122.363	37.7159				1948.08479	RS-700	0.050173085
17784	9/3/2019 11:18:15		-122.363	37.7159				1957.6134	RS-700	0.097579104
17785	9/3/2019 11:18:16		-122.363	37.7159				1999.61967	RS-700	0.306565522
17786	9/3/2019 11:18:17		-122.363	37.7159				1975.31242	RS-700	0.18563393
17787	9/3/2019 11:18:18		-122.363	37.7159				1954.80107	RS-700	0.083587413
17788	9/3/2019 11:18:19		-122.363	37.7159				2057.63907	RS-700	0.595219254
17789	9/3/2019 11:18:20		-122.363	37.7159				1994.71366	RS-700	0.282157512
17790	9/3/2019 11:18:21		-122.363	37.7159				1971.61086	RS-700	0.167218209
17791	9/3/2019 11:18:22		-122.363	37.7159				2087.05969	RS-700	0.741590498
17792	9/3/2019 11:18:23		-122.363	37.7159				1984.09105	RS-700	0.229308706
17793	9/3/2019 11:18:24		-122.363	37.7159				1936.41698	RS-700	-0.007875721
17794	9/3/2019 11:18:25		-122.363	37.7159				2031.22915	RS-700	0.463826617
17795	9/3/2019 11:18:26		-122.363	37.7159				2062.04841	RS-700	0.617156269
17796	9/3/2019 11:18:27		-122.363	37.7159				2007.41726	RS-700	0.345359502
17797	9/3/2019 11:18:28		-122.363	37.7159				1979.78982	RS-700	0.207909552
17798	9/3/2019 11:18:29		-122.363	37.7159				1956.19027	RS-700	0.090498856
17799	9/3/2019 11:18:30		-122.363	37.7159				1988.31477	RS-700	0.250322239
17800	9/3/2019 11:18:31		-122.363	37.7159				2053.73863	RS-700	0.57581408
17801	9/3/2019 11:18:32		-122.363	37.7159				1962.50439	RS-700	0.121912388
17802	9/3/2019 11:18:33		-122.363	37.7159				2052.53193	RS-700	0.569810597
17803	9/3/2019 11:18:34		-122.363	37.7159				2000.52018	RS-700	0.311045672
17804	9/3/2019 11:18:35		-122.363	37.716				2092.44013	RS-700	0.768358856
17805	9/3/2019 11:18:36		-122.363	37.716				2015.72581	RS-700	0.386695572
17806	9/3/2019 11:18:37		-122.363	37.716				2029.12365	RS-700	0.453351493
17807	9/3/2019 11:18:38		-122.363	37.716				2036.71946	RS-700	0.491141592
17808	9/3/2019 11:18:39		-122.363	37.716				2011.62062	RS-700	0.366271741
17809	9/3/2019 11:18:40		-122.363	37.716				1923.97735	RS-700	-0.069764428
17810	9/3/2019 11:18:41		-122.363	37.716				1529.08692	RS-700	-2.034393433
17811	9/3/2019 11:18:42		-122.363	37.716				1753.4533	RS-700	-0.918142786

Gamma Scan Survey Results
Survey Unit 5 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
17812	9/3/2019 11:18:43		-122.363	37.716				1945.50557	RS-700	0.037341144
17813	9/3/2019 11:18:44		-122.363	37.716				2033.43306	RS-700	0.474791343
17814	9/3/2019 11:18:45		-122.363	37.716				1910.97438	RS-700	-0.134455821
17815	9/3/2019 11:18:46		-122.363	37.716				1905.78101	RS-700	-0.160293483
17816	9/3/2019 11:18:47		-122.363	37.716				1958.7923	RS-700	0.103444279
17817	9/3/2019 11:18:48		-122.363	37.716				1918.68518	RS-700	-0.096093632
17818	9/3/2019 11:18:49		-122.363	37.716				1972.70798	RS-700	0.172676517
17819	9/3/2019 11:18:50		-122.363	37.716				1916.39789	RS-700	-0.107473184
17820	9/3/2019 11:18:51		-122.363	37.716				1939.69037	RS-700	0.008409801
17821	9/3/2019 11:18:52		-122.363	37.716				1986.81236	RS-700	0.242847562
17822	9/3/2019 11:18:53		-122.363	37.716				1929.40564	RS-700	-0.04275801
17823	9/3/2019 11:18:54		-122.363	37.716				1707.80688	RS-700	-1.145239403
17824	9/3/2019 11:18:55		-122.363	37.716				1378.56575	RS-700	-2.783254975
17825	9/3/2019 11:18:56		-122.363	37.716				1574.44359	RS-700	-1.808738358
17826	9/3/2019 11:18:57		-122.363	37.716				1808.7389	RS-700	-0.64309005
17827	9/3/2019 11:18:58		-122.363	37.716				1979.10101	RS-700	0.204482637
17828	9/3/2019 11:18:59		-122.363	37.716				1896.03751	RS-700	-0.208768607
17829	9/3/2019 11:19:00		-122.363	37.716				1884.58582	RS-700	-0.265742189
17830	9/3/2019 11:19:01		-122.363	37.716				1744.62666	RS-700	-0.962056418
17831	9/3/2019 11:19:02		-122.363	37.716				1299.40269	RS-700	-3.177101045
17832	9/3/2019 11:19:03		-122.363	37.716				1035.3637	RS-700	-4.490727861
17833	9/3/2019 11:19:04		-122.363	37.716				844.09038	RS-700	-5.442336418
17834	9/3/2019 11:19:05		-122.363	37.716				808.17188	RS-700	-5.621035423
17835	9/3/2019 11:19:06		-122.363	37.716				888.26779	RS-700	-5.222548308
17836	9/3/2019 11:19:07		-122.363	37.716				1514.31132	RS-700	-2.107903881
17837	9/3/2019 11:19:08		-122.363	37.716				1907.77866	RS-700	-0.150354925
17838	9/3/2019 11:19:09		-122.363	37.716				1888.48626	RS-700	-0.246337015
17839	9/3/2019 11:19:10		-122.363	37.716				1965.09626	RS-700	0.134807264
17840	9/3/2019 11:19:11		-122.363	37.716				1893.58439	RS-700	-0.220973184
17841	9/3/2019 11:19:12		-122.363	37.716				1925.4976	RS-700	-0.062200995
17842	9/3/2019 11:19:13		-122.363	37.716				1875.85949	RS-700	-0.309156766
17843	9/3/2019 11:19:14		-122.363	37.716				1854.28908	RS-700	-0.416472239
17844	9/3/2019 11:19:15		-122.363	37.716				1993.91507	RS-700	0.278184428
17845	9/3/2019 11:19:16		-122.363	37.716				1921.30039	RS-700	-0.083082637
17846	9/3/2019 11:19:17		-122.363	37.716				1984.73204	RS-700	0.232497711
17847	9/3/2019 11:19:18		-122.363	37.7161				2108.06789	RS-700	0.846108905
17848	9/3/2019 11:19:19		-122.363	37.7161				2118.65466	RS-700	0.898779403
17849	9/3/2019 11:19:20		-122.363	37.7161				2111.96561	RS-700	0.865500547
17850	9/3/2019 11:19:21		-122.363	37.7161				2217.23129	RS-700	1.389210398
17851	9/3/2019 11:19:22		-122.363	37.7161				2160.98878	RS-700	1.109396915
17852	9/3/2019 11:19:23		-122.363	37.7161				2064.63622	RS-700	0.630030945
17853	9/3/2019 11:19:24		-122.363	37.7161				1766.45336	RS-700	-0.853465871
17854	9/3/2019 11:19:25		-122.363	37.7161				1637.42462	RS-700	-1.495399901
17855	9/3/2019 11:19:26		-122.363	37.7161				1628.57745	RS-700	-1.539415672
17856	9/3/2019 11:19:27		-122.363	37.7161				1365.28364	RS-700	-2.849335124
17857	9/3/2019 11:19:28		-122.363	37.7161				1046.05792	RS-700	-4.437522786
17858	9/3/2019 11:19:29		-122.363	37.7161				1460.15942	RS-700	-2.377316318
17859	9/3/2019 11:19:30		-122.363	37.7161				1867.97194	RS-700	-0.348398308
17860	9/3/2019 11:19:31		-122.363	37.7161				1759.4533	RS-700	-0.88829204
17861	9/3/2019 11:19:32		-122.363	37.7161				1903.77947	RS-700	-0.170251393
17862	9/3/2019 11:19:33		-122.363	37.7161				1869.84339	RS-700	-0.339087612
17863	9/3/2019 11:19:34		-122.363	37.7161				1999.51671	RS-700	0.306053284
17864	9/3/2019 11:19:35		-122.363	37.7161				1923.39415	RS-700	-0.07266592
17865	9/3/2019 11:19:36		-122.363	37.7161				1920.30167	RS-700	-0.088051393
17866	9/3/2019 11:19:37		-122.363	37.7161				1918.7841	RS-700	-0.095601493
17867	9/3/2019 11:19:38		-122.363	37.7161				1927.78645	RS-700	-0.050813682
17868	9/3/2019 11:19:39		-122.363	37.7161				1995.6164	RS-700	0.286648756
17869	9/3/2019 11:19:40		-122.363	37.7161				1942.88731	RS-700	0.024314975
17870	9/3/2019 11:19:41		-122.363	37.7161				1968.7054	RS-700	0.152763184
17871	9/3/2019 11:19:42		-122.363	37.7161				2004.82059	RS-700	0.332440746
17872	9/3/2019 11:19:43		-122.363	37.7161				1939.58954	RS-700	0.007908159

Gamma Scan Survey Results
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SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
17873	9/3/2019 11:19:44		-122.363	37.7161				2092.8532	RS-700	0.77041393
17874	9/3/2019 11:19:45		-122.363	37.7161				2062.35867	RS-700	0.618699851
17875	9/3/2019 11:19:46		-122.363	37.7161				2078.84775	RS-700	0.700735075
17876	9/3/2019 11:19:47		-122.363	37.7162				2040.13862	RS-700	0.508152338
17877	9/3/2019 11:19:48		-122.363	37.7162				2036.33208	RS-700	0.489214328
17878	9/3/2019 11:19:49		-122.363	37.7162				2040.52675	RS-700	0.510083333
17879	9/3/2019 11:19:50		-122.363	37.7162				2060.84156	RS-700	0.61115204
17880	9/3/2019 11:19:51		-122.363	37.7162				2076.53295	RS-700	0.689218657
17881	9/3/2019 11:19:52		-122.363	37.7162				1960.80474	RS-700	0.113456418
17882	9/3/2019 11:19:53		-122.363	37.7162				1978.60606	RS-700	0.202020199
17883	9/3/2019 11:19:54		-122.363	37.7162				2026.71522	RS-700	0.441369254
17884	9/3/2019 11:19:55		-122.363	37.7162				1934.69495	RS-700	-0.016443035
17885	9/3/2019 11:19:56		-122.363	37.7162				2101.95795	RS-700	0.815711194
17886	9/3/2019 11:19:57		-122.363	37.7162				2034.92446	RS-700	0.482211244
17887	9/3/2019 11:19:58		-122.363	37.7162				2090.05648	RS-700	0.7564999
17888	9/3/2019 11:19:59		-122.363	37.7162				2143.87346	RS-700	1.02424607
17889	9/3/2019 11:20:00		-122.363	37.7162				2211.9037	RS-700	1.362704975
17890	9/3/2019 11:20:01		-122.363	37.7162				2178.87736	RS-700	1.198394826
17891	9/3/2019 11:20:02		-122.363	37.7162				2193.11505	RS-700	1.269229104
17892	9/3/2019 11:20:03		-122.363	37.7162				2132.75386	RS-700	0.968924677
17893	9/3/2019 11:20:04		-122.363	37.7162				2148.88063	RS-700	1.049157363
17894	9/3/2019 11:20:05		-122.363	37.7162				2062.03684	RS-700	0.617098706
17895	9/3/2019 11:20:06		-122.363	37.7162				2067.94265	RS-700	0.646480846
17896	9/3/2019 11:20:07		-122.363	37.7162				1976.90856	RS-700	0.193574925
17897	9/3/2019 11:20:08		-122.363	37.7162				2046.13472	RS-700	0.537983682
17898	9/3/2019 11:20:09		-122.363	37.7162				1957.8249	RS-700	0.098631343
17899	9/3/2019 11:20:10		-122.363	37.7162				1942.50003	RS-700	0.022388209
17900	9/3/2019 11:20:11		-122.363	37.7162				2015.92154	RS-700	0.387669353
17901	9/3/2019 11:20:12		-122.363	37.7162				2002.51844	RS-700	0.320987264
17902	9/3/2019 11:20:13		-122.363	37.7162				2025.72814	RS-700	0.436458408
17903	9/3/2019 11:20:14		-122.363	37.7162				2035.52374	RS-700	0.485192736
17904	9/3/2019 11:20:15		-122.363	37.7162				2193.22751	RS-700	1.269788607
17905	9/3/2019 11:20:16		-122.363	37.7162				2086.85504	RS-700	0.740572338
17906	9/3/2019 11:20:17		-122.363	37.7162				2172.10227	RS-700	1.16468791
17907	9/3/2019 11:20:18		-122.363	37.7163				2181.4676	RS-700	1.211281592
17908	9/3/2019 11:20:19		-122.363	37.7163				2260.91033	RS-700	1.606519055
17909	9/3/2019 11:20:20		-122.363	37.7163				2195.78442	RS-700	1.282509552
17910	9/3/2019 11:20:21		-122.363	37.7163				2153.78504	RS-700	1.073557413
17911	9/3/2019 11:20:22		-122.363	37.7163				2031.03093	RS-700	0.462840448
17912	9/3/2019 11:20:23		-122.363	37.7163				1897.39288	RS-700	-0.202025473
17913	9/3/2019 11:20:24		-122.363	37.7163				1960.79971	RS-700	0.113431393
17914	9/3/2019 11:20:25		-122.363	37.7163				1969.51096	RS-700	0.156770945
17915	9/3/2019 11:20:26		-122.363	37.7163				1886.77125	RS-700	-0.254869403
17916	9/3/2019 11:20:27		-122.363	37.7163				2004.1261	RS-700	0.328985572
17917	9/3/2019 11:20:28		-122.363	37.7163				2003.23001	RS-700	0.324527413
17918	9/3/2019 11:20:29		-122.363	37.7163				1964.17149	RS-700	0.130206418
17919	9/3/2019 11:20:30		-122.363	37.7163				1953.27528	RS-700	0.075996418
17920	9/3/2019 11:20:31		-122.363	37.7163				1824.74934	RS-700	-0.563436119
17921	9/3/2019 11:20:32		-122.363	37.7163				1518.50668	RS-700	-2.087031443
17922	9/3/2019 11:20:33		-122.363	37.7163				1529.55836	RS-700	-2.03204796
17923	9/3/2019 11:20:34		-122.363	37.7163				1981.8259	RS-700	0.218039303
17924	9/3/2019 11:20:35		-122.363	37.7163				1975.89702	RS-700	0.188542388
17925	9/3/2019 11:20:36		-122.363	37.7163				1967.70686	RS-700	0.147795323
17926	9/3/2019 11:20:37		-122.363	37.7163				2011.01805	RS-700	0.363273881
17927	9/3/2019 11:20:38		-122.363	37.7163				2048.63139	RS-700	0.550404925
17928	9/3/2019 11:20:39		-122.363	37.7163				1974.60896	RS-700	0.182134129
17929	9/3/2019 11:20:40		-122.363	37.7163				1973.00174	RS-700	0.17413801
17930	9/3/2019 11:20:41		-122.363	37.7163				2023.51523	RS-700	0.425448905
17931	9/3/2019 11:20:42		-122.363	37.7163				2029.72703	RS-700	0.456353383
17932	9/3/2019 11:20:43		-122.363	37.7163				1989.81425	RS-700	0.257782338
17933	9/3/2019 11:20:44		-122.363	37.7163				2024.52987	RS-700	0.430496866

Gamma Scan Survey Results
Survey Unit 5 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
17934	9/3/2019 11:20:45		-122.363	37.7163				1925.07131	RS-700	-0.064321841
17935	9/3/2019 11:20:46		-122.363	37.7164				2003.60032	RS-700	0.326369751
17936	9/3/2019 11:20:47		-122.363	37.7164				2067.43077	RS-700	0.643934179
17937	9/3/2019 11:20:48		-122.363	37.7164				1987.61726	RS-700	0.24685204
17938	9/3/2019 11:20:49		-122.363	37.7164				2028.72807	RS-700	0.451383433
17939	9/3/2019 11:20:50		-122.363	37.7164				1982.80999	RS-700	0.222935274
17940	9/3/2019 11:20:51		-122.363	37.7164				2046.63002	RS-700	0.540447861
17941	9/3/2019 11:20:52		-122.363	37.7164				2070.57057	RS-700	0.659555075
17942	9/3/2019 11:20:53		-122.363	37.7164				2021.23062	RS-700	0.414082687
17943	9/3/2019 11:20:54		-122.363	37.7164				1934.59069	RS-700	-0.016961741
17944	9/3/2019 11:20:55		-122.364	37.7164				2071.84908	RS-700	0.665915821
17945	9/3/2019 11:20:56		-122.364	37.7164				2040.1392	RS-700	0.508155224
17946	9/3/2019 11:20:57		-122.364	37.7164				1972.51001	RS-700	0.171691592
17947	9/3/2019 11:20:58		-122.364	37.7164				1958.11105	RS-700	0.100054975
17948	9/3/2019 11:20:59		-122.364	37.7164				2080.05229	RS-700	0.706727811
17949	9/3/2019 11:21:00		-122.364	37.7164				2062.7346	RS-700	0.620570149
17950	9/3/2019 11:21:01		-122.364	37.7164				2056.04526	RS-700	0.587289851
17951	9/3/2019 11:21:02		-122.364	37.7164				2066.14873	RS-700	0.637555871
17952	9/3/2019 11:21:03		-122.364	37.7164				1978.80196	RS-700	0.202994826
17953	9/3/2019 11:21:04		-122.364	37.7164				1984.50722	RS-700	0.231379204
17954	9/3/2019 11:21:05		-122.364	37.7164				1978.91147	RS-700	0.203539652
17955	9/3/2019 11:21:06		-122.364	37.7164				1910.48753	RS-700	-0.13687796
17956	9/3/2019 11:21:07		-122.364	37.7164				1906.60493	RS-700	-0.156194378
17957	9/3/2019 11:21:08		-122.364	37.7164				1896.48783	RS-700	-0.206528209
17958	9/3/2019 11:21:09		-122.364	37.7164				1817.28573	RS-700	-0.600568507
17959	9/3/2019 11:21:10		-122.364	37.7164				1899.94701	RS-700	-0.189318358
17960	9/3/2019 11:21:11		-122.364	37.7164				1821.84728	RS-700	-0.577874229
17961	9/3/2019 11:21:12		-122.364	37.7165				1904.39489	RS-700	-0.167189602
17962	9/3/2019 11:21:13		-122.364	37.7165				1907.87977	RS-700	-0.149851891
17963	9/3/2019 11:21:14		-122.364	37.7165				1987.70378	RS-700	0.247282488
17964	9/3/2019 11:21:15		-122.364	37.7165				1993.4156	RS-700	0.275699502
17965	9/3/2019 11:21:16		-122.364	37.7165				2018.12607	RS-700	0.398637164
17966	9/3/2019 11:21:17		-122.364	37.7165				2010.51258	RS-700	0.360759104
17967	9/3/2019 11:21:18		-122.364	37.7165				2046.93784	RS-700	0.541979303
17968	9/3/2019 11:21:19		-122.364	37.7165				2152.99092	RS-700	1.069606567
17969	9/3/2019 11:21:20		-122.364	37.7165				2042.73062	RS-700	0.521047861
17970	9/3/2019 11:21:21		-122.364	37.7165				2135.19323	RS-700	0.981060846
17971	9/3/2019 11:21:22		-122.364	37.7165				2161.8818	RS-700	1.113839801
17972	9/3/2019 11:21:23		-122.364	37.7165				2173.88686	RS-700	1.173566468
17973	9/3/2019 11:21:24		-122.364	37.7165				2162.42447	RS-700	1.116539652
17974	9/3/2019 11:21:25		-122.364	37.7165				2135.66393	RS-700	0.983402637
17975	9/3/2019 11:21:26		-122.364	37.7165				2144.30357	RS-700	1.02638592
17976	9/3/2019 11:21:27		-122.364	37.7165				2130.86707	RS-700	0.959537662
17977	9/3/2019 11:21:28		-122.364	37.7165				2259.46897	RS-700	1.599348109
17978	9/3/2019 11:21:29		-122.364	37.7165				2098.7531	RS-700	0.799766667
17979	9/3/2019 11:21:30		-122.364	37.7165				2087.06919	RS-700	0.741637761
17980	9/3/2019 11:21:31		-122.364	37.7165				2104.64986	RS-700	0.829103781
17981	9/3/2019 11:21:32		-122.364	37.7165				2184.45351	RS-700	1.226136866
17982	9/3/2019 11:21:33		-122.364	37.7165				2202.01261	RS-700	1.313495572
17983	9/3/2019 11:21:34		-122.364	37.7165				2104.94106	RS-700	0.830552537
17984	9/3/2019 11:21:35		-122.364	37.7165				2067.52875	RS-700	0.644421642
17985	9/3/2019 11:21:36		-122.364	37.7165				2188.6632	RS-700	1.247080597
17986	9/3/2019 11:21:37		-122.364	37.7166				2093.85598	RS-700	0.775402886
17987	9/3/2019 11:21:38		-122.364	37.7166				2152.09877	RS-700	1.06516801
17988	9/3/2019 11:21:39		-122.364	37.7166				2242.02539	RS-700	1.512564129
17989	9/3/2019 11:21:40		-122.364	37.7166				2187.54958	RS-700	1.241540199
17990	9/3/2019 11:21:41		-122.364	37.7166				2163.20496	RS-700	1.120422687
17991	9/3/2019 11:21:42		-122.364	37.7166				2171.77158	RS-700	1.163042687
17992	9/3/2019 11:21:43		-122.364	37.7166				2120.66719	RS-700	0.90879199
17993	9/3/2019 11:21:44		-122.364	37.7166				2186.56191	RS-700	1.236626418
17994	9/3/2019 11:21:45		-122.364	37.7166				2159.90364	RS-700	1.103998209

Gamma Scan Survey Results
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SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
17995	9/3/2019 11:21:46		-122.364	37.7166				2132.08229	RS-700	0.965583532
17996	9/3/2019 11:21:47		-122.364	37.7166				2165.66905	RS-700	1.132681841
17997	9/3/2019 11:21:48		-122.364	37.7166				2241.35828	RS-700	1.509245174
17998	9/3/2019 11:21:49		-122.364	37.7166				2217.24169	RS-700	1.389262139
17999	9/3/2019 11:21:50		-122.364	37.7166				2265.92674	RS-700	1.631476318
18000	9/3/2019 11:21:51		-122.364	37.7166				2200.23534	RS-700	1.304653433
18001	9/3/2019 11:21:52		-122.364	37.7166				2262.69689	RS-700	1.615407413
18002	9/3/2019 11:21:53		-122.364	37.7166				2182.887	RS-700	1.218343284
18003	9/3/2019 11:21:54		-122.364	37.7166				2259.92302	RS-700	1.601607065
18004	9/3/2019 11:21:55		-122.364	37.7166				2286.157	RS-700	1.732124378
18005	9/3/2019 11:21:56		-122.364	37.7166				2278.39475	RS-700	1.693506219
18006	9/3/2019 11:21:57		-122.364	37.7166				2147.98453	RS-700	1.044699154
18007	9/3/2019 11:21:58		-122.364	37.7166				2286.58906	RS-700	1.73427393
18008	9/3/2019 11:21:59		-122.364	37.7166				2205.25248	RS-700	1.329614328
18009	9/3/2019 11:22:00		-122.364	37.7166				2132.98095	RS-700	0.970054478
18010	9/3/2019 11:22:01		-122.364	37.7166				2224.81411	RS-700	1.426935871
18011	9/3/2019 11:22:02		-122.364	37.7166				2116.86184	RS-700	0.8898599
18012	9/3/2019 11:22:03		-122.364	37.7166				2137.97935	RS-700	0.994922139
18013	9/3/2019 11:22:04		-122.364	37.7166				2169.23193	RS-700	1.150407612
18014	9/3/2019 11:22:05		-122.364	37.7166				2165.87579	RS-700	1.133710398
18015	9/3/2019 11:22:06		-122.364	37.7166				2116.76369	RS-700	0.889371592
18016	9/3/2019 11:22:07		-122.364	37.7166				2165.43931	RS-700	1.131538856
18017	9/3/2019 11:22:08		-122.364	37.7166				2095.85391	RS-700	0.785342836
18018	9/3/2019 11:22:09		-122.364	37.7166				2152.20623	RS-700	1.065702637
18019	9/3/2019 11:22:10		-122.364	37.7166				2180.00121	RS-700	1.203986119
18020	9/3/2019 11:22:11		-122.364	37.7166				2264.69985	RS-700	1.625372388
18021	9/3/2019 11:22:12		-122.364	37.7166				2236.02464	RS-700	1.482709652
18022	9/3/2019 11:22:13		-122.364	37.7166				2154.7684	RS-700	1.078449751
18023	9/3/2019 11:22:14		-122.364	37.7166				2330.59987	RS-700	1.953233184
18024	9/3/2019 11:22:15		-122.364	37.7166				2111.43989	RS-700	0.862885025
18025	9/3/2019 11:22:16		-122.364	37.7166				2071.74342	RS-700	0.665390149
18026	9/3/2019 11:22:17		-122.364	37.7166				2149.00152	RS-700	1.049758806
18027	9/3/2019 11:22:18		-122.364	37.7166				2152.76097	RS-700	1.068462537
18028	9/3/2019 11:22:19		-122.364	37.7166				2226.13285	RS-700	1.433496766
18029	9/3/2019 11:22:20		-122.364	37.7166				2128.84823	RS-700	0.949493682
18030	9/3/2019 11:22:21		-122.364	37.7166				2168.42962	RS-700	1.14641602
18031	9/3/2019 11:22:22		-122.364	37.7166				2047.61292	RS-700	0.54533791
18032	9/3/2019 11:22:23		-122.364	37.7166				2204.11953	RS-700	1.323977761
18033	9/3/2019 11:22:24		-122.364	37.7166				2141.87709	RS-700	1.014313881
18034	9/3/2019 11:22:25		-122.364	37.7166				2112.64769	RS-700	0.86889398
18035	9/3/2019 11:22:26		-122.364	37.7166				2087.74736	RS-700	0.745011741
18036	9/3/2019 11:22:27		-122.364	37.7166				2196.89833	RS-700	1.288051393
18037	9/3/2019 11:22:28		-122.364	37.7166				2110.86108	RS-700	0.860005373
18038	9/3/2019 11:22:29		-122.364	37.7166				2146.44697	RS-700	1.037049602
18039	9/3/2019 11:22:30		-122.364	37.7166				2226.35144	RS-700	1.434584279
18040	9/3/2019 11:22:31		-122.364	37.7166				2154.20419	RS-700	1.075642736
18041	9/3/2019 11:22:32		-122.364	37.7166				2125.96976	RS-700	0.935172935
18042	9/3/2019 11:22:33		-122.364	37.7166				2237.12844	RS-700	1.488201194
18043	9/3/2019 11:22:34		-122.364	37.7166				2160.76387	RS-700	1.10827796
18044	9/3/2019 11:22:35		-122.364	37.7166				2231.02276	RS-700	1.457824677
18045	9/3/2019 11:22:36		-122.364	37.7166				2188.89294	RS-700	1.248223582
18046	9/3/2019 11:22:37		-122.364	37.7166				2193.78421	RS-700	1.272558259
18047	9/3/2019 11:22:38		-122.364	37.7166				2149.97044	RS-700	1.054579303
18048	9/3/2019 11:22:39		-122.364	37.7166				2161.86904	RS-700	1.113776318
18049	9/3/2019 11:22:40		-122.364	37.7166				2184.88825	RS-700	1.228299751
18050	9/3/2019 11:22:41		-122.364	37.7166				2183.31918	RS-700	1.220493433
18051	9/3/2019 11:22:42		-122.364	37.7166				2201.0079	RS-700	1.308497015
18052	9/3/2019 11:22:43		-122.364	37.7166				2348.30349	RS-700	2.041310896
18053	9/3/2019 11:22:44		-122.364	37.7166				2267.82816	RS-700	1.640936119
18054	9/3/2019 11:22:45		-122.364	37.7166				2298.92764	RS-700	1.795659901
18055	9/3/2019 11:22:46		-122.364	37.7166				2246.90392	RS-700	1.536835423

Gamma Scan Survey Results
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SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
18056	9/3/2019 11:22:47		-122.364	37.7166				2212.79312	RS-700	1.36712995
18057	9/3/2019 11:22:48		-122.364	37.7166				2224.57522	RS-700	1.425747363
18058	9/3/2019 11:22:49		-122.364	37.7166				2123.64738	RS-700	0.923618806
18059	9/3/2019 11:22:50		-122.364	37.7166				2057.42794	RS-700	0.594168856
18060	9/3/2019 11:22:51		-122.364	37.7166				2192.89443	RS-700	1.268131493
18061	9/3/2019 11:22:52		-122.364	37.7166				2144.66772	RS-700	1.028197612
18062	9/3/2019 11:22:53		-122.364	37.7166				2137.08682	RS-700	0.990481692
18063	9/3/2019 11:22:54		-122.364	37.7166				2202.31984	RS-700	1.31502408
18064	9/3/2019 11:22:55		-122.364	37.7166				2164.34153	RS-700	1.126077264
18065	9/3/2019 11:22:56		-122.364	37.7166				2249.5844	RS-700	1.550171144
18066	9/3/2019 11:22:57		-122.364	37.7166				2245.25431	RS-700	1.528628408
18067	9/3/2019 11:22:58		-122.364	37.7166				2209.01767	RS-700	1.348346617
18068	9/3/2019 11:22:59		-122.364	37.7166				2208.78989	RS-700	1.347213383
18069	9/3/2019 11:23:00		-122.364	37.7166				2252.68794	RS-700	1.565611642
18070	9/3/2019 11:23:01		-122.364	37.7166				2153.20367	RS-700	1.070665025
18071	9/3/2019 11:23:02		-122.364	37.7166				2296.82058	RS-700	1.785177015
18072	9/3/2019 11:23:03		-122.364	37.7166				2255.58278	RS-700	1.580013831
18073	9/3/2019 11:23:04		-122.364	37.7166				2233.91093	RS-700	1.472193682
18074	9/3/2019 11:23:05		-122.364	37.7166				2236.36063	RS-700	1.484381244
18075	9/3/2019 11:23:06		-122.364	37.7166				2272.26811	RS-700	1.663025423
18076	9/3/2019 11:23:07		-122.364	37.7166				2141.44383	RS-700	1.012158358
18077	9/3/2019 11:23:08		-122.364	37.7166				2206.4614	RS-700	1.335628856
18078	9/3/2019 11:23:09		-122.364	37.7166				2269.68897	RS-700	1.650193881
18079	9/3/2019 11:23:10		-122.364	37.7166				2230.57962	RS-700	1.45562
18080	9/3/2019 11:23:11		-122.364	37.7166				2268.81513	RS-700	1.645846418
18081	9/3/2019 11:23:12		-122.364	37.7166				2203.02255	RS-700	1.318520149
18082	9/3/2019 11:23:13		-122.364	37.7166				2263.58025	RS-700	1.619802239
18083	9/3/2019 11:23:14		-122.364	37.7166				2135.55229	RS-700	0.982847214
18084	9/3/2019 11:23:15		-122.364	37.7166				2179.66658	RS-700	1.202321294
18085	9/3/2019 11:23:16		-122.364	37.7166				2086.4327	RS-700	0.738471144
18086	9/3/2019 11:23:17		-122.364	37.7166				2246.36303	RS-700	1.534144428
18087	9/3/2019 11:23:18		-122.364	37.7166				2153.55133	RS-700	1.072394677
18088	9/3/2019 11:23:19		-122.364	37.7166				2067.15873	RS-700	0.642580746
18089	9/3/2019 11:23:20		-122.364	37.7165				2149.54595	RS-700	1.052467413
18090	9/3/2019 11:23:21		-122.364	37.7165				2081.84601	RS-700	0.715651791
18091	9/3/2019 11:23:22		-122.364	37.7165				2141.66018	RS-700	1.013234726
18092	9/3/2019 11:23:23		-122.364	37.7165				2165.53673	RS-700	1.132023532
18093	9/3/2019 11:23:24		-122.364	37.7165				2112.17677	RS-700	0.866551095
18094	9/3/2019 11:23:25		-122.364	37.7165				2120.868	RS-700	0.909791045
18095	9/3/2019 11:23:26		-122.364	37.7165				2050.4257	RS-700	0.559331841
18096	9/3/2019 11:23:27		-122.364	37.7165				2213.44373	RS-700	1.370366816
18097	9/3/2019 11:23:28		-122.364	37.7165				2143.66259	RS-700	1.023196965
18098	9/3/2019 11:23:29		-122.364	37.7165				2118.757	RS-700	0.899288557
18099	9/3/2019 11:23:30		-122.364	37.7165				2071.53767	RS-700	0.664366517
18100	9/3/2019 11:23:31		-122.364	37.7165				2093.64753	RS-700	0.774365821
18101	9/3/2019 11:23:32		-122.364	37.7165				2029.83107	RS-700	0.456870995
18102	9/3/2019 11:23:33		-122.364	37.7165				2115.64727	RS-700	0.883817264
18103	9/3/2019 11:23:34		-122.364	37.7165				2104.64639	RS-700	0.829086517
18104	9/3/2019 11:23:35		-122.364	37.7165				2147.30478	RS-700	1.041317313
18105	9/3/2019 11:23:36		-122.364	37.7165				2097.06384	RS-700	0.791362388
18106	9/3/2019 11:23:37		-122.364	37.7165				2097.64789	RS-700	0.794268109
18107	9/3/2019 11:23:38		-122.364	37.7165				2104.86401	RS-700	0.830169204
18108	9/3/2019 11:23:39		-122.364	37.7165				2067.32239	RS-700	0.643394975
18109	9/3/2019 11:23:40		-122.364	37.7165				2051.52823	RS-700	0.564817065
18110	9/3/2019 11:23:41		-122.364	37.7165				2052.42889	RS-700	0.56929796
18111	9/3/2019 11:23:42		-122.364	37.7165				2044.83365	RS-700	0.531510697
18112	9/3/2019 11:23:43		-122.364	37.7165				2007.8179	RS-700	0.347352736
18113	9/3/2019 11:23:44		-122.364	37.7165				1976.10056	RS-700	0.189555025
18114	9/3/2019 11:23:45		-122.364	37.7165				1937.69288	RS-700	-0.00152796
18115	9/3/2019 11:23:46		-122.364	37.7165				2014.51656	RS-700	0.380679403
18116	9/3/2019 11:23:47		-122.364	37.7164				1844.11828	RS-700	-0.467073234

Gamma Scan Survey Results
Survey Unit 5 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
18117	9/3/2019 11:23:48		-122.364	37.7164				1940.98418	RS-700	0.014846667
18118	9/3/2019 11:23:49		-122.364	37.7164				1921.77857	RS-700	-0.080703632
18119	9/3/2019 11:23:50		-122.364	37.7164				1869.77228	RS-700	-0.339441393
18120	9/3/2019 11:23:51		-122.364	37.7164				1978.1001	RS-700	0.199502985
18121	9/3/2019 11:23:52		-122.364	37.7164				1926.68247	RS-700	-0.056306119
18122	9/3/2019 11:23:53		-122.364	37.7164				1947.69941	RS-700	0.048255771
18123	9/3/2019 11:23:54		-122.364	37.7164				1964.61124	RS-700	0.132394229
18124	9/3/2019 11:23:55		-122.364	37.7164				2009.41807	RS-700	0.355313781
18125	9/3/2019 11:23:56		-122.364	37.7164				2121.65429	RS-700	0.913702935
18126	9/3/2019 11:23:57		-122.364	37.7164				1982.69194	RS-700	0.22234796
18127	9/3/2019 11:23:58		-122.364	37.7164				2007.61951	RS-700	0.346365721
18128	9/3/2019 11:23:59		-122.364	37.7164				1986.71118	RS-700	0.242344179
18129	9/3/2019 11:24:00		-122.364	37.7164				2084.63438	RS-700	0.729524279
18130	9/3/2019 11:24:01		-122.364	37.7164				2040.11591	RS-700	0.508039353
18131	9/3/2019 11:24:02		-122.364	37.7164				2009.72189	RS-700	0.356825323
18132	9/3/2019 11:24:03		-122.364	37.7164				2076.33241	RS-700	0.688220945
18133	9/3/2019 11:24:04		-122.364	37.7164				1950.60123	RS-700	0.062692687
18134	9/3/2019 11:24:05		-122.364	37.7164				2067.63775	RS-700	0.64496393
18135	9/3/2019 11:24:06		-122.363	37.7164				2076.53579	RS-700	0.689232786
18136	9/3/2019 11:24:07		-122.363	37.7164				2053.63192	RS-700	0.575283184
18137	9/3/2019 11:24:08		-122.363	37.7164				2055.82913	RS-700	0.586214577
18138	9/3/2019 11:24:09		-122.363	37.7164				2127.30091	RS-700	0.941795572
18139	9/3/2019 11:24:10		-122.363	37.7164				2004.41603	RS-700	0.33042801
18140	9/3/2019 11:24:11		-122.363	37.7164				1962.50992	RS-700	0.1219399
18141	9/3/2019 11:24:12		-122.363	37.7164				2126.54235	RS-700	0.938021642
18142	9/3/2019 11:24:13		-122.363	37.7164				2022.72081	RS-700	0.421496567
18143	9/3/2019 11:24:14		-122.363	37.7163				2035.03441	RS-700	0.482758259
18144	9/3/2019 11:24:15		-122.363	37.7163				1979.51179	RS-700	0.206526318
18145	9/3/2019 11:24:16		-122.363	37.7163				2026.33866	RS-700	0.439495821
18146	9/3/2019 11:24:17		-122.363	37.7163				2024.82517	RS-700	0.43196602
18147	9/3/2019 11:24:18		-122.363	37.7163				1998.11382	RS-700	0.299073731
18148	9/3/2019 11:24:19		-122.363	37.7163				2059.53191	RS-700	0.604636368
18149	9/3/2019 11:24:20		-122.363	37.7163				2002.80604	RS-700	0.322418109
18150	9/3/2019 11:24:21		-122.363	37.7163				2091.0636	RS-700	0.761510448
18151	9/3/2019 11:24:22		-122.363	37.7163				1978.5244	RS-700	0.20161393
18152	9/3/2019 11:24:23		-122.363	37.7163				2111.19385	RS-700	0.861660945
18153	9/3/2019 11:24:24		-122.363	37.7163				2053.74256	RS-700	0.575833632
18154	9/3/2019 11:24:25		-122.363	37.7163				2018.82529	RS-700	0.402115871
18155	9/3/2019 11:24:26		-122.363	37.7163				2041.52696	RS-700	0.515059502
18156	9/3/2019 11:24:27		-122.363	37.7163				2030.13458	RS-700	0.458380995
18157	9/3/2019 11:24:28		-122.363	37.7163				2002.02099	RS-700	0.318512388
18158	9/3/2019 11:24:29		-122.363	37.7163				2082.53574	RS-700	0.719083284
18159	9/3/2019 11:24:30		-122.363	37.7163				2025.73841	RS-700	0.436509502
18160	9/3/2019 11:24:31		-122.363	37.7163				1931.93585	RS-700	-0.0301699
18161	9/3/2019 11:24:32		-122.363	37.7163				2088.7463	RS-700	0.749981592
18162	9/3/2019 11:24:33		-122.363	37.7163				2017.23069	RS-700	0.394182537
18163	9/3/2019 11:24:34		-122.363	37.7163				2065.04889	RS-700	0.63208403
18164	9/3/2019 11:24:35		-122.363	37.7163				2041.73272	RS-700	0.516083184
18165	9/3/2019 11:24:36		-122.363	37.7163				2010.7351	RS-700	0.361866169
18166	9/3/2019 11:24:37		-122.363	37.7163				1993.12966	RS-700	0.274276915
18167	9/3/2019 11:24:38		-122.363	37.7163				2121.3277	RS-700	0.912078109
18168	9/3/2019 11:24:39		-122.363	37.7163				2003.10964	RS-700	0.323928557
18169	9/3/2019 11:24:40		-122.363	37.7163				2051.7367	RS-700	0.565854229
18170	9/3/2019 11:24:41		-122.363	37.7163				2026.52804	RS-700	0.44043801
18171	9/3/2019 11:24:42		-122.363	37.7163				2007.82424	RS-700	0.347384279
18172	9/3/2019 11:24:43		-122.363	37.7163				2060.05413	RS-700	0.607234478
18173	9/3/2019 11:24:44		-122.363	37.7163				2013.72652	RS-700	0.376748856
18174	9/3/2019 11:24:45		-122.363	37.7163				2023.72442	RS-700	0.426489652
18175	9/3/2019 11:24:46		-122.363	37.7163				2001.61663	RS-700	0.316500647
18176	9/3/2019 11:24:47		-122.363	37.7163				1906.25754	RS-700	-0.157922687
18177	9/3/2019 11:24:48		-122.363	37.7163				2071.05233	RS-700	0.661951891

Gamma Scan Survey Results
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SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
18178	9/3/2019 11:24:49		-122.363	37.7163				2065.22724	RS-700	0.632971343
18179	9/3/2019 11:24:50		-122.363	37.7163				2028.81995	RS-700	0.451840547
18180	9/3/2019 11:24:51		-122.363	37.7163				2037.72708	RS-700	0.496154627
18181	9/3/2019 11:24:52		-122.363	37.7163				1935.98376	RS-700	-0.010031045
18182	9/3/2019 11:24:53		-122.363	37.7163				2008.01698	RS-700	0.348343184
18183	9/3/2019 11:24:54		-122.363	37.7163				2033.52346	RS-700	0.475241095
18184	9/3/2019 11:24:55		-122.363	37.7163				2050.93855	RS-700	0.561883333
18185	9/3/2019 11:24:56		-122.363	37.7163				1974.20082	RS-700	0.180103582
18186	9/3/2019 11:24:57		-122.363	37.7163				1945.20855	RS-700	0.035863433
18187	9/3/2019 11:24:58		-122.363	37.7163				2091.74937	RS-700	0.764922239
18188	9/3/2019 11:24:59		-122.363	37.7163				1996.41963	RS-700	0.290644925
18189	9/3/2019 11:25:00		-122.363	37.7163				2029.93076	RS-700	0.457366965
18190	9/3/2019 11:25:01		-122.363	37.7163				2045.02882	RS-700	0.532481692
18191	9/3/2019 11:25:02		-122.363	37.7163				2102.285	RS-700	0.817338308
18192	9/3/2019 11:25:03		-122.363	37.7163				2048.73825	RS-700	0.550936567
18193	9/3/2019 11:25:04		-122.363	37.7163				2010.02109	RS-700	0.358313881
18194	9/3/2019 11:25:05		-122.363	37.7163				1988.9128	RS-700	0.253297512
18195	9/3/2019 11:25:06		-122.363	37.7163				2002.72006	RS-700	0.321990348
18196	9/3/2019 11:25:07		-122.363	37.7163				2002.51974	RS-700	0.320993731
18197	9/3/2019 11:25:08		-122.363	37.7163				2080.9522	RS-700	0.711204975
18198	9/3/2019 11:25:09		-122.363	37.7163				1969.00904	RS-700	0.154273831
18199	9/3/2019 11:25:10		-122.363	37.7163				2025.13052	RS-700	0.433485174
18200	9/3/2019 11:25:11		-122.363	37.7163				1967.50475	RS-700	0.146789801
18201	9/3/2019 11:25:12		-122.363	37.7163				1963.89666	RS-700	0.128839104
18202	9/3/2019 11:25:13		-122.363	37.7163				2021.62189	RS-700	0.416029303
18203	9/3/2019 11:25:14		-122.363	37.7163				2016.52164	RS-700	0.390654925
18204	9/3/2019 11:25:15		-122.363	37.7163				2001.82593	RS-700	0.31754194
18205	9/3/2019 11:25:16		-122.363	37.7163				1969.69929	RS-700	0.15770791
18206	9/3/2019 11:25:17		-122.363	37.7163				2046.4502	RS-700	0.539553234
18207	9/3/2019 11:25:18		-122.363	37.7163				2001.51315	RS-700	0.315985821
18208	9/3/2019 11:25:19		-122.363	37.7163				2013.93276	RS-700	0.377774925
18209	9/3/2019 11:25:20		-122.363	37.7163				2021.51637	RS-700	0.415504328
18210	9/3/2019 11:25:21		-122.363	37.7163				1995.82217	RS-700	0.287672488
18211	9/3/2019 11:25:22		-122.363	37.7163				2076.43131	RS-700	0.688712985
18212	9/3/2019 11:25:23		-122.363	37.7163				2057.73471	RS-700	0.595695075
18213	9/3/2019 11:25:24		-122.363	37.7163				2012.12094	RS-700	0.368760896
18214	9/3/2019 11:25:25		-122.363	37.7163				1983.91158	RS-700	0.228415821
18215	9/3/2019 11:25:26		-122.363	37.7163				1970.70664	RS-700	0.162719602
18216	9/3/2019 11:25:27		-122.363	37.7163				2024.43069	RS-700	0.430003433
18217	9/3/2019 11:25:28		-122.363	37.7163				2045.3431	RS-700	0.534045274
18218	9/3/2019 11:25:29		-122.363	37.7163				2033.6673	RS-700	0.475956716
18219	9/3/2019 11:25:30		-122.363	37.7163				2035.62513	RS-700	0.485697164
18220	9/3/2019 11:25:31		-122.363	37.7163				2034.62826	RS-700	0.480737612
18221	9/3/2019 11:25:32		-122.363	37.7163				2064.84181	RS-700	0.631053781
18222	9/3/2019 11:25:33		-122.363	37.7163				1998.81697	RS-700	0.30257199
18223	9/3/2019 11:25:34		-122.363	37.7163				1958.79915	RS-700	0.103478358
18224	9/3/2019 11:25:35		-122.363	37.7163				2066.64576	RS-700	0.640028657
18225	9/3/2019 11:25:36		-122.363	37.7163				1947.40228	RS-700	0.046777512
18226	9/3/2019 11:25:37		-122.363	37.7163				2067.43078	RS-700	0.643934229
18227	9/3/2019 11:25:38		-122.363	37.7163				2005.61676	RS-700	0.336401791
18228	9/3/2019 11:25:39		-122.363	37.7163				1949.69362	RS-700	0.058177214
18229	9/3/2019 11:25:40		-122.363	37.7163				2013.0149	RS-700	0.373208458
18230	9/3/2019 11:25:41		-122.363	37.7163				2040.72842	RS-700	0.511086667
18231	9/3/2019 11:25:42		-122.363	37.7163				2021.72211	RS-700	0.41652791
18232	9/3/2019 11:25:43		-122.363	37.7163				2028.3231	RS-700	0.449368657
18233	9/3/2019 11:25:44		-122.363	37.7163				2033.83561	RS-700	0.47679408
18234	9/3/2019 11:25:45		-122.363	37.7163				2026.92555	RS-700	0.442415672
18235	9/3/2019 11:25:46		-122.363	37.7163				1967.50632	RS-700	0.146797612
18236	9/3/2019 11:25:47		-122.363	37.7163				2026.61923	RS-700	0.440891692
18237	9/3/2019 11:25:48		-122.363	37.7163				2000.90767	RS-700	0.312973483
18238	9/3/2019 11:25:49		-122.363	37.7163				2035.52008	RS-700	0.485174527

Gamma Scan Survey Results
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SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
18239	9/3/2019 11:25:50		-122.363	37.7163				2044.83761	RS-700	0.531530398
18240	9/3/2019 11:25:51		-122.363	37.7163				2033.83752	RS-700	0.476803582
18241	9/3/2019 11:25:52		-122.363	37.7163				2020.41935	RS-700	0.410046517
18242	9/3/2019 11:25:53		-122.363	37.7163				2019.92731	RS-700	0.407598557
18243	9/3/2019 11:25:54		-122.363	37.7163				1954.69796	RS-700	0.083074428
18244	9/3/2019 11:25:55		-122.363	37.7163				1990.71734	RS-700	0.262275323
18245	9/3/2019 11:25:56		-122.363	37.7163				2022.41972	RS-700	0.419998607
18246	9/3/2019 11:25:57		-122.363	37.7163				2004.92115	RS-700	0.332941045
18247	9/3/2019 11:25:58		-122.363	37.7163				2038.72976	RS-700	0.501143085
18248	9/3/2019 11:25:59		-122.363	37.7163				2011.62019	RS-700	0.366269602
18249	9/3/2019 11:26:00		-122.363	37.7163				2053.42575	RS-700	0.574257463
18250	9/3/2019 11:26:01		-122.363	37.7163				2090.58443	RS-700	0.759126517
18251	9/3/2019 11:26:02		-122.363	37.7163				2041.73271	RS-700	0.516083134
18252	9/3/2019 11:26:03		-122.363	37.7163				2045.22894	RS-700	0.533477313
18253	9/3/2019 11:26:04		-122.363	37.7163				1983.99242	RS-700	0.22881801
18254	9/3/2019 11:26:05		-122.363	37.7163				1903.96491	RS-700	-0.169328806
18255	9/3/2019 11:26:06		-122.363	37.7163				1474.47978	RS-700	-2.306070746
18256	9/3/2019 11:26:07		-122.363	37.7163				1531.60736	RS-700	-2.02185393
18257	9/3/2019 11:26:08		-122.363	37.7163				2001.41521	RS-700	0.315498557
18258	9/3/2019 11:26:09		-122.363	37.7163				1971.99629	RS-700	0.169135771
18259	9/3/2019 11:26:10		-122.363	37.7163				1921.78318	RS-700	-0.080680697
18260	9/3/2019 11:26:11		-122.363	37.7163				1919.6929	RS-700	-0.0910801
18261	9/3/2019 11:26:12		-122.363	37.7163				1944.69782	RS-700	0.033322488
18262	9/3/2019 11:26:13		-122.363	37.7163				1911.6827	RS-700	-0.130931841
18263	9/3/2019 11:26:14		-122.363	37.7163				1894.05432	RS-700	-0.218635224
18264	9/3/2019 11:26:15		-122.363	37.7163				1915.87569	RS-700	-0.110071194
18265	9/3/2019 11:26:16		-122.363	37.7163				1984.71373	RS-700	0.232406617
18266	9/3/2019 11:26:17		-122.363	37.7163				2062.7558	RS-700	0.620675622
18267	9/3/2019 11:26:18		-122.363	37.7163				2006.61186	RS-700	0.341352537
18268	9/3/2019 11:26:19		-122.363	37.7163				2044.81827	RS-700	0.531434179
18269	9/3/2019 11:26:20		-122.363	37.7163				2040.83509	RS-700	0.511617363
18270	9/3/2019 11:26:21		-122.363	37.7163				1958.59767	RS-700	0.10247597
18271	9/3/2019 11:26:22		-122.363	37.7163				2026.73296	RS-700	0.441457512
18272	9/3/2019 11:26:23		-122.363	37.7163				1952.59899	RS-700	0.072631791
18273	9/3/2019 11:26:24		-122.363	37.7163				1980.61033	RS-700	0.211991692
18274	9/3/2019 11:26:25		-122.363	37.7163				1948.90604	RS-700	0.054258905
18275	9/3/2019 11:26:26		-122.363	37.7163				1866.19243	RS-700	-0.357251592
18276	9/3/2019 11:26:27		-122.363	37.7163				2001.42087	RS-700	0.315526716
18277	9/3/2019 11:26:28		-122.363	37.7163				1942.59627	RS-700	0.022867015
18278	9/3/2019 11:26:29		-122.363	37.7163				1962.79827	RS-700	0.123374478
18279	9/3/2019 11:26:30		-122.363	37.7163				1993.41454	RS-700	0.275694229
18280	9/3/2019 11:26:31		-122.363	37.7163				1969.60259	RS-700	0.157226816
18281	9/3/2019 11:26:32		-122.363	37.7163				2032.73761	RS-700	0.471331393
18282	9/3/2019 11:26:33		-122.363	37.7163				2006.61834	RS-700	0.341384776
18283	9/3/2019 11:26:34		-122.363	37.7163				1948.30223	RS-700	0.051254876
18284	9/3/2019 11:26:35		-122.363	37.7163				1921.25992	RS-700	-0.08328398
18285	9/3/2019 11:26:36		-122.363	37.7163				2032.42389	RS-700	0.469770597
18286	9/3/2019 11:26:37		-122.363	37.7163				1994.61604	RS-700	0.281671841
18287	9/3/2019 11:26:38		-122.363	37.7163				1967.30539	RS-700	0.14579796
18288	9/3/2019 11:26:39		-122.363	37.7163				2013.6211	RS-700	0.376224378
18289	9/3/2019 11:26:40		-122.363	37.7163				2009.71815	RS-700	0.356806716
18290	9/3/2019 11:26:41		-122.363	37.7163				1964.99956	RS-700	0.134326169
18291	9/3/2019 11:26:42		-122.363	37.7163				1974.60801	RS-700	0.182129403
18292	9/3/2019 11:26:43		-122.363	37.7163				2013.01891	RS-700	0.373228408
18293	9/3/2019 11:26:44		-122.363	37.7163				2029.82805	RS-700	0.45685597
18294	9/3/2019 11:26:45		-122.363	37.7163				1892.88432	RS-700	-0.224456119
18295	9/3/2019 11:26:46		-122.363	37.7163				1939.59732	RS-700	0.007946866
18296	9/3/2019 11:26:47		-122.363	37.7163				2022.42025	RS-700	0.420001244
18297	9/3/2019 11:26:48		-122.363	37.7163				2013.61948	RS-700	0.376216318
18298	9/3/2019 11:26:49		-122.363	37.7163				1942.6915	RS-700	0.023340796
18299	9/3/2019 11:26:50		-122.363	37.7163				2055.11641	RS-700	0.582668706

Gamma Scan Survey Results
Survey Unit 5 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
18300	9/3/2019 11:26:51		-122.363	37.7163				1981.69593	RS-700	0.217392687
18301	9/3/2019 11:26:52		-122.363	37.7163				1976.80913	RS-700	0.193080249
18302	9/3/2019 11:26:53		-122.363	37.7163				2027.03887	RS-700	0.442979453
18303	9/3/2019 11:26:54		-122.363	37.7163				2043.62699	RS-700	0.525507413
18304	9/3/2019 11:26:55		-122.363	37.7163				1943.30585	RS-700	0.026397264
18305	9/3/2019 11:26:56		-122.363	37.7163				1936.0796	RS-700	-0.009554229
18306	9/3/2019 11:26:57		-122.363	37.7163				2022.7224	RS-700	0.421504478
18307	9/3/2019 11:26:58		-122.363	37.7163				1961.60409	RS-700	0.117433284
18308	9/3/2019 11:26:59		-122.363	37.7163				2034.33487	RS-700	0.47927796
18309	9/3/2019 11:27:00		-122.363	37.7163				1994.43036	RS-700	0.28074806
18310	9/3/2019 11:27:01		-122.363	37.7163				1963.80154	RS-700	0.128365871
18311	9/3/2019 11:27:02		-122.363	37.7163				1961.99615	RS-700	0.119383831
18312	9/3/2019 11:27:03		-122.363	37.7163				1967.28975	RS-700	0.145720149
18313	9/3/2019 11:27:04		-122.363	37.7163				1987.51105	RS-700	0.246323632
18314	9/3/2019 11:27:05		-122.363	37.7163				1951.49944	RS-700	0.067161393
18315	9/3/2019 11:27:06		-122.363	37.7163				1998.11963	RS-700	0.299102637
18316	9/3/2019 11:27:07		-122.363	37.7163				2046.23797	RS-700	0.538497363
18317	9/3/2019 11:27:08		-122.363	37.7163				1984.80915	RS-700	0.232881343
18318	9/3/2019 11:27:09		-122.363	37.7163				2057.36106	RS-700	0.593836119
18319	9/3/2019 11:27:10		-122.363	37.7163				2033.03894	RS-700	0.472830547
18320	9/3/2019 11:27:11		-122.363	37.7163				1947.8977	RS-700	0.049242289
18321	9/3/2019 11:27:12		-122.363	37.7163				2023.72386	RS-700	0.426486866
18322	9/3/2019 11:27:13		-122.363	37.7163				2121.98298	RS-700	0.915338209
18323	9/3/2019 11:27:14		-122.363	37.7163				2042.8406	RS-700	0.521595025
18324	9/3/2019 11:27:15		-122.363	37.7163				1951.89424	RS-700	0.069125572
18325	9/3/2019 11:27:16		-122.363	37.7163				1970.79886	RS-700	0.163178408
18326	9/3/2019 11:27:17		-122.363	37.7163				2081.63565	RS-700	0.714605224
18327	9/3/2019 11:27:18		-122.363	37.7163				1961.09442	RS-700	0.114897612
18328	9/3/2019 11:27:19		-122.363	37.7163				1949.791	RS-700	0.058661692
18329	9/3/2019 11:27:20		-122.363	37.7163				2001.41552	RS-700	0.3155001
18330	9/3/2019 11:27:21		-122.363	37.7163				2049.83792	RS-700	0.556407562
18331	9/3/2019 11:27:22		-122.363	37.7163				1920.59125	RS-700	-0.086610697
18332	9/3/2019 11:27:23		-122.363	37.7163				2024.01864	RS-700	0.427953433
18333	9/3/2019 11:27:24		-122.363	37.7163				2043.83418	RS-700	0.526538209
18334	9/3/2019 11:27:25		-122.363	37.7163				2056.14305	RS-700	0.587776368
18335	9/3/2019 11:27:26		-122.363	37.7163				2010.21689	RS-700	0.35928801
18336	9/3/2019 11:27:27		-122.363	37.7163				1972.31098	RS-700	0.170701393
18337	9/3/2019 11:27:28		-122.363	37.7163				1947.69947	RS-700	0.04825607
18338	9/3/2019 11:27:29		-122.363	37.7163				1942.69667	RS-700	0.023366517
18339	9/3/2019 11:27:30		-122.363	37.7163				1964.5072	RS-700	0.131876617
18340	9/3/2019 11:27:31		-122.363	37.7163				2031.51166	RS-700	0.465232139
18341	9/3/2019 11:27:32		-122.363	37.7163				2004.51475	RS-700	0.330919154
18342	9/3/2019 11:27:33		-122.363	37.7163				1925.78509	RS-700	-0.060770697
18343	9/3/2019 11:27:34		-122.363	37.7163				1954.21427	RS-700	0.08066801
18344	9/3/2019 11:27:35		-122.363	37.7163				2051.42315	RS-700	0.564294279
18345	9/3/2019 11:27:36		-122.363	37.7163				1982.19799	RS-700	0.219890498
18346	9/3/2019 11:27:37		-122.363	37.7163				2011.14757	RS-700	0.363918259
18347	9/3/2019 11:27:38		-122.363	37.7163				2131.64982	RS-700	0.96343194
18348	9/3/2019 11:27:39		-122.363	37.7163				2167.42462	RS-700	1.14141602
18349	9/3/2019 11:27:40		-122.363	37.7163				2160.42089	RS-700	1.106571592
18350	9/3/2019 11:27:41		-122.363	37.7162				2103.38773	RS-700	0.822824527
18351	9/3/2019 11:27:42		-122.363	37.7162				2176.3378	RS-700	1.185760199
18352	9/3/2019 11:27:43		-122.363	37.7162				2158.44864	RS-700	1.096759403
18353	9/3/2019 11:27:44		-122.363	37.7162				2150.07832	RS-700	1.05511602
18354	9/3/2019 11:27:45		-122.363	37.7162				1996.61134	RS-700	0.291598706
18355	9/3/2019 11:27:46		-122.363	37.7162				2052.945	RS-700	0.571865672
18356	9/3/2019 11:27:47		-122.363	37.7162				2034.94185	RS-700	0.482297761
18357	9/3/2019 11:27:48		-122.363	37.7162				2057.23455	RS-700	0.593206716
18358	9/3/2019 11:27:49		-122.363	37.7162				1942.40894	RS-700	0.021935025
18359	9/3/2019 11:27:50		-122.363	37.7162				1882.66974	RS-700	-0.275274925
18360	9/3/2019 11:27:51		-122.363	37.7162				1961.40673	RS-700	0.116451393

Gamma Scan Survey Results
Survey Unit 5 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
18361	9/3/2019 11:27:52		-122.363	37.7162				1939.20732	RS-700	0.006006567
18362	9/3/2019 11:27:53		-122.363	37.7162				1954.70094	RS-700	0.083089254
18363	9/3/2019 11:27:54		-122.363	37.7162				2028.34694	RS-700	0.449487264
18364	9/3/2019 11:27:55		-122.363	37.7162				2009.11889	RS-700	0.353825323
18365	9/3/2019 11:27:56		-122.363	37.7162				2096.22403	RS-700	0.787184229
18366	9/3/2019 11:27:57		-122.363	37.7162				2107.97032	RS-700	0.845623483
18367	9/3/2019 11:27:58		-122.363	37.7162				2044.52784	RS-700	0.529989254
18368	9/3/2019 11:27:59		-122.363	37.7162				2105.66325	RS-700	0.834145522
18369	9/3/2019 11:28:00		-122.363	37.7162				2141.86844	RS-700	1.014270846
18370	9/3/2019 11:28:01		-122.363	37.7162				2015.52237	RS-700	0.385683433
18371	9/3/2019 11:28:02		-122.363	37.7162				2100.44035	RS-700	0.808160945
18372	9/3/2019 11:28:03		-122.363	37.7162				2133.66714	RS-700	0.973468358
18373	9/3/2019 11:28:04		-122.363	37.7162				2152.09073	RS-700	1.06512801
18374	9/3/2019 11:28:05		-122.363	37.7162				2069.63807	RS-700	0.654915771
18375	9/3/2019 11:28:06		-122.363	37.7162				2055.14592	RS-700	0.582815522
18376	9/3/2019 11:28:07		-122.363	37.7162				1996.30784	RS-700	0.290088756
18377	9/3/2019 11:28:08		-122.363	37.7162				2020.61668	RS-700	0.411028259
18378	9/3/2019 11:28:09		-122.363	37.7162				1988.71214	RS-700	0.252299204
18379	9/3/2019 11:28:10		-122.363	37.7161				2083.05634	RS-700	0.721673333
18380	9/3/2019 11:28:11		-122.363	37.7161				1977.80901	RS-700	0.198054776
18381	9/3/2019 11:28:12		-122.363	37.7161				1978.0042	RS-700	0.199025871
18382	9/3/2019 11:28:13		-122.363	37.7161				2000.62787	RS-700	0.311581443
18383	9/3/2019 11:28:14		-122.363	37.7161				1901.67733	RS-700	-0.180709801
18384	9/3/2019 11:28:15		-122.363	37.7161				1970.90422	RS-700	0.163702587
18385	9/3/2019 11:28:16		-122.363	37.7161				2009.92559	RS-700	0.357838756
18386	9/3/2019 11:28:17		-122.363	37.7161				2000.42548	RS-700	0.310574527
18387	9/3/2019 11:28:18		-122.363	37.7161				1945.68801	RS-700	0.038248806
18388	9/3/2019 11:28:19		-122.363	37.7161				1935.40246	RS-700	-0.012923085
18389	9/3/2019 11:28:20		-122.363	37.7161				1950.99577	RS-700	0.064655572
18390	9/3/2019 11:28:21		-122.363	37.7161				1867.75761	RS-700	-0.349464627
18391	9/3/2019 11:28:22		-122.363	37.7161				1924.8808	RS-700	-0.065269652
18392	9/3/2019 11:28:23		-122.363	37.7161				1878.67591	RS-700	-0.295144726
18393	9/3/2019 11:28:24		-122.363	37.7161				1795.55445	RS-700	-0.708684328
18394	9/3/2019 11:28:25		-122.363	37.7161				1725.4433	RS-700	-1.05749602
18395	9/3/2019 11:28:26		-122.363	37.7161				1854.37943	RS-700	-0.416022736
18396	9/3/2019 11:28:27		-122.363	37.7161				1858.47808	RS-700	-0.395631443
18397	9/3/2019 11:28:28		-122.363	37.7161				1481.60398	RS-700	-2.270626965
18398	9/3/2019 11:28:29		-122.363	37.7161				1179.54056	RS-700	-3.77343005
18399	9/3/2019 11:28:30		-122.363	37.7161				1365.28676	RS-700	-2.849319602
18400	9/3/2019 11:28:31		-122.363	37.7161				1716.35752	RS-700	-1.102698905
18401	9/3/2019 11:28:32		-122.363	37.7161				1873.34248	RS-700	-0.321679204
18402	9/3/2019 11:28:33		-122.363	37.7161				2145.76757	RS-700	1.033669502
18403	9/3/2019 11:28:34		-122.363	37.7161				2156.55909	RS-700	1.087358657
18404	9/3/2019 11:28:35		-122.363	37.716				2129.20439	RS-700	0.951265622
18405	9/3/2019 11:28:36		-122.363	37.716				2154.87323	RS-700	1.078971294
18406	9/3/2019 11:28:37		-122.363	37.716				1990.30871	RS-700	0.260242338
18407	9/3/2019 11:28:38		-122.363	37.716				1972.70761	RS-700	0.172674677
18408	9/3/2019 11:28:39		-122.363	37.716				1925.59299	RS-700	-0.061726418
18409	9/3/2019 11:28:40		-122.363	37.716				1882.76411	RS-700	-0.274805423
18410	9/3/2019 11:28:41		-122.363	37.716				1912.4937	RS-700	-0.126897015
18411	9/3/2019 11:28:42		-122.363	37.716				1924.97866	RS-700	-0.064782786
18412	9/3/2019 11:28:43		-122.363	37.716				2055.63497	RS-700	0.585248607
18413	9/3/2019 11:28:44		-122.363	37.716				1994.62571	RS-700	0.28171995
18414	9/3/2019 11:28:45		-122.363	37.716				1944.89168	RS-700	0.034286965
18415	9/3/2019 11:28:46		-122.363	37.716				1872.95334	RS-700	-0.323615224
18416	9/3/2019 11:28:47		-122.363	37.716				1514.39498	RS-700	-2.107487662
18417	9/3/2019 11:28:48		-122.363	37.716				910.14634	RS-700	-5.113699801
18418	9/3/2019 11:28:49		-122.363	37.716				865.04788	RS-700	-5.338070249
18419	9/3/2019 11:28:50		-122.363	37.716				1105.40063	RS-700	-4.142285423
18420	9/3/2019 11:28:51		-122.363	37.716				1862.94805	RS-700	-0.373392786
18421	9/3/2019 11:28:52		-122.363	37.716				1968.41781	RS-700	0.151332388

Gamma Scan Survey Results
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SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
18422	9/3/2019 11:28:53		-122.363	37.716				1991.6152	RS-700	0.266742289
18423	9/3/2019 11:28:54		-122.363	37.716				1842.5853	RS-700	-0.4747
18424	9/3/2019 11:28:55		-122.363	37.716				1678.39639	RS-700	-1.291560249
18425	9/3/2019 11:28:56		-122.363	37.716				1677.8533	RS-700	-1.294262189
18426	9/3/2019 11:28:57		-122.363	37.716				1974.69249	RS-700	0.182549701
18427	9/3/2019 11:28:58		-122.363	37.716				1928.07769	RS-700	-0.049364726
18428	9/3/2019 11:28:59		-122.363	37.716				1880.48899	RS-700	-0.286124428
18429	9/3/2019 11:29:00		-122.363	37.716				1767.54887	RS-700	-0.848015572
18430	9/3/2019 11:29:01		-122.363	37.716				1633.58788	RS-700	-1.514488159
18431	9/3/2019 11:29:02		-122.363	37.716				1464.66648	RS-700	-2.354893134
18432	9/3/2019 11:29:03		-122.363	37.716				1590.33231	RS-700	-1.72969
18433	9/3/2019 11:29:04		-122.363	37.716				1838.76139	RS-700	-0.493724428
18434	9/3/2019 11:29:05		-122.363	37.716				2103.75727	RS-700	0.824663035
18435	9/3/2019 11:29:06		-122.363	37.716				2128.54923	RS-700	0.948006119
18436	9/3/2019 11:29:07		-122.363	37.716				2037.62971	RS-700	0.495670199
18437	9/3/2019 11:29:08		-122.363	37.716				2054.83769	RS-700	0.58128204
18438	9/3/2019 11:29:09		-122.363	37.7159				2072.65747	RS-700	0.669937662
18439	9/3/2019 11:29:10		-122.363	37.7159				2013.11668	RS-700	0.373714826
18440	9/3/2019 11:29:11		-122.363	37.7159				2104.16274	RS-700	0.826680299
18441	9/3/2019 11:29:12		-122.363	37.7159				2088.747	RS-700	0.749985075
18442	9/3/2019 11:29:13		-122.363	37.7159				2068.75806	RS-700	0.650537612
18443	9/3/2019 11:29:14		-122.363	37.7159				2040.32943	RS-700	0.509101642
18444	9/3/2019 11:29:15		-122.363	37.7159				2030.42349	RS-700	0.459818358
18445	9/3/2019 11:29:16		-122.363	37.7159				2010.41331	RS-700	0.360265224
18446	9/3/2019 11:29:17		-122.363	37.7159				2073.6381	RS-700	0.674816418
18447	9/3/2019 11:29:18		-122.363	37.7159				2004.82827	RS-700	0.332478955
18448	9/3/2019 11:29:19		-122.363	37.7159				2006.41686	RS-700	0.340382388
18449	9/3/2019 11:29:20		-122.363	37.7159				2078.16723	RS-700	0.697349403
18450	9/3/2019 11:29:21		-122.363	37.7159				1951.89856	RS-700	0.069147065
18451	9/3/2019 11:29:22		-122.363	37.7159				2041.8289	RS-700	0.516561692
18452	9/3/2019 11:29:23		-122.363	37.7159				2023.14759	RS-700	0.423619851
18453	9/3/2019 11:29:24		-122.363	37.7159				2056.24235	RS-700	0.588270398
18454	9/3/2019 11:29:25		-122.363	37.7159				2000.0101	RS-700	0.30850796
18455	9/3/2019 11:29:26		-122.363	37.7159				1988.71422	RS-700	0.252309552
18456	9/3/2019 11:29:27		-122.363	37.7159				1986.0048	RS-700	0.238829851
18457	9/3/2019 11:29:28		-122.363	37.7159				2010.12299	RS-700	0.358820846
18458	9/3/2019 11:29:29		-122.363	37.7159				1961.89586	RS-700	0.118884876
18459	9/3/2019 11:29:30		-122.363	37.7159				2097.96225	RS-700	0.79583209
18460	9/3/2019 11:29:31		-122.363	37.7159				2024.11775	RS-700	0.428446517
18461	9/3/2019 11:29:32		-122.363	37.7159				1901.15421	RS-700	-0.183312388
18462	9/3/2019 11:29:33		-122.363	37.7159				1968.2123	RS-700	0.15030995
18463	9/3/2019 11:29:34		-122.363	37.7159				2025.52139	RS-700	0.435429801
18464	9/3/2019 11:29:35		-122.363	37.7159				1864.48768	RS-700	-0.365732935
18465	9/3/2019 11:29:36		-122.363	37.7158				2016.52244	RS-700	0.390658905
18466	9/3/2019 11:29:37		-122.363	37.7158				1931.87248	RS-700	-0.030485174
18467	9/3/2019 11:29:38		-122.363	37.7158				1945.40378	RS-700	0.036834726
18468	9/3/2019 11:29:39		-122.363	37.7158				1966.90093	RS-700	0.143785721
18469	9/3/2019 11:29:40		-122.363	37.7158				1897.96301	RS-700	-0.199189005
18470	9/3/2019 11:29:41		-122.363	37.7158				1941.08453	RS-700	0.01534592
18471	9/3/2019 11:29:42		-122.363	37.7158				1833.47329	RS-700	-0.520033383
18472	9/3/2019 11:29:43		-122.363	37.7158				1791.73839	RS-700	-0.727669701
18473	9/3/2019 11:29:44		-122.363	37.7158				1811.19319	RS-700	-0.630879652
18474	9/3/2019 11:29:45		-122.363	37.7158				1875.58847	RS-700	-0.310505124
18475	9/3/2019 11:29:46		-122.363	37.7158				1831.65489	RS-700	-0.529080149
18476	9/3/2019 11:29:47		-122.363	37.7158				1856.94531	RS-700	-0.403257164
18477	9/3/2019 11:29:48		-122.363	37.7158				1786.55003	RS-700	-0.753482438
18478	9/3/2019 11:29:49		-122.363	37.7158				1783.46141	RS-700	-0.768848706
18479	9/3/2019 11:29:50		-122.363	37.7158				1682.52145	RS-700	-1.271037562
18480	9/3/2019 11:29:51		-122.362	37.7158				1710.69821	RS-700	-1.130854677
18481	9/3/2019 11:29:52		-122.362	37.7158				1716.44193	RS-700	-1.102278955
18482	9/3/2019 11:29:53		-122.362	37.7158				1750.35573	RS-700	-0.933553582

Gamma Scan Survey Results
Survey Unit 5 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
18483	9/3/2019 11:29:54		-122.362	37.7158				1810.64916	RS-700	-0.633586269
18484	9/3/2019 11:29:55		-122.362	37.7158				1841.65757	RS-700	-0.479315572
18485	9/3/2019 11:29:56		-122.362	37.7158				1725.44477	RS-700	-1.057488706
18486	9/3/2019 11:29:57		-122.362	37.7158				1894.8677	RS-700	-0.214588557
18487	9/3/2019 11:29:58		-122.362	37.7158				1961.40153	RS-700	0.116425522
18488	9/3/2019 11:29:59		-122.362	37.7158				1945.31647	RS-700	0.036400348
18489	9/3/2019 11:30:00		-122.362	37.7158				2022.71253	RS-700	0.421455373
18490	9/3/2019 11:30:01		-122.362	37.7158				2028.5316	RS-700	0.45040597
18491	9/3/2019 11:30:02		-122.362	37.7158				2001.03398	RS-700	0.313601891
18492	9/3/2019 11:30:03		-122.362	37.7157				1976.61129	RS-700	0.19209597
18493	9/3/2019 11:30:04		-122.362	37.7157				1988.7117	RS-700	0.252297015
18494	9/3/2019 11:30:05		-122.362	37.7157				1974.0899	RS-700	0.179551741
18495	9/3/2019 11:30:06		-122.362	37.7157				2008.5198	RS-700	0.350844776
18496	9/3/2019 11:30:07		-122.362	37.7157				1963.70569	RS-700	0.127889005
18497	9/3/2019 11:30:08		-122.362	37.7157				2040.63207	RS-700	0.510607313
18498	9/3/2019 11:30:09		-122.362	37.7157				2062.26491	RS-700	0.618233383
18499	9/3/2019 11:30:10		-122.362	37.7157				2167.77654	RS-700	1.143166866
18500	9/3/2019 11:30:11		-122.362	37.7157				1994.71852	RS-700	0.282181692
18501	9/3/2019 11:30:12		-122.362	37.7157				2090.8529	RS-700	0.760462189
18502	9/3/2019 11:30:13		-122.362	37.7157				1915.68973	RS-700	-0.110996368
18503	9/3/2019 11:30:14		-122.362	37.7157				1875.13282	RS-700	-0.31277204
18504	9/3/2019 11:30:15		-122.362	37.7157				1788.81115	RS-700	-0.742233085
18505	9/3/2019 11:30:16		-122.362	37.7157				1827.92686	RS-700	-0.547627562
18506	9/3/2019 11:30:17		-122.362	37.7157				1768.4455	RS-700	-0.843554726
18507	9/3/2019 11:30:18		-122.362	37.7157				1678.17883	RS-700	-1.292642637
18508	9/3/2019 11:30:19		-122.362	37.7157				1274.4602	RS-700	-3.301193035
18509	9/3/2019 11:30:20		-122.362	37.7157				1143.29192	RS-700	-3.953771542
18510	9/3/2019 11:30:21		-122.362	37.7157				1191.25775	RS-700	-3.715135572
18511	9/3/2019 11:30:22		-122.362	37.7157				1149.23855	RS-700	-3.924186318
18512	9/3/2019 11:30:23		-122.362	37.7157				1207.43459	RS-700	-3.634653781
18513	9/3/2019 11:30:24		-122.362	37.7157				1217.07137	RS-700	-3.586709602
18514	9/3/2019 11:30:25		-122.362	37.7157				1161.18408	RS-700	-3.864755821
18515	9/3/2019 11:30:26		-122.362	37.7157				1195.19819	RS-700	-3.695531393
18516	9/3/2019 11:30:27		-122.362	37.7157				1157.06727	RS-700	-3.885237463
18517	9/3/2019 11:30:28		-122.362	37.7157				1240.37488	RS-700	-3.470771741
18518	9/3/2019 11:30:29		-122.362	37.7157				1198.49791	RS-700	-3.679114876
18519	9/3/2019 11:30:30		-122.362	37.7157				1183.42044	RS-700	-3.754127164
18520	9/3/2019 11:30:31		-122.362	37.7157				1228.1938	RS-700	-3.531374129
18521	9/3/2019 11:30:32		-122.362	37.7157				1046.32357	RS-700	-4.436201144
18522	9/3/2019 11:30:33		-122.362	37.7157				1095.11219	RS-700	-4.193471692
18523	9/3/2019 11:30:34		-122.362	37.7157				1181.30119	RS-700	-3.764670697
18524	9/3/2019 11:30:35		-122.362	37.7157				1386.42734	RS-700	-2.744142587
18525	9/3/2019 11:30:36		-122.362	37.7157				1497.37453	RS-700	-2.192166517
18526	9/3/2019 11:30:37		-122.362	37.7157				1858.47463	RS-700	-0.395648607
18527	9/3/2019 11:30:38		-122.362	37.7157				1908.44975	RS-700	-0.147016169
18528	9/3/2019 11:30:39		-122.362	37.7157				2027.42274	RS-700	0.444889254
18529	9/3/2019 11:30:40		-122.362	37.7157				2080.04994	RS-700	0.706716119
18530	9/3/2019 11:30:41		-122.362	37.7157				2037.84047	RS-700	0.496718756
18531	9/3/2019 11:30:42		-122.362	37.7157				2029.6252	RS-700	0.455846766
18532	9/3/2019 11:30:43		-122.362	37.7157				2037.21967	RS-700	0.493630199
18533	9/3/2019 11:30:44		-122.362	37.7157				2052.73556	RS-700	0.570823682
18534	9/3/2019 11:30:45		-122.362	37.7157				2099.85741	RS-700	0.805260746
18535	9/3/2019 11:30:46		-122.362	37.7157				1996.51402	RS-700	0.291114527
18536	9/3/2019 11:30:47		-122.362	37.7157				2097.75453	RS-700	0.794798657
18537	9/3/2019 11:30:48		-122.362	37.7157				2084.84617	RS-700	0.73057796
18538	9/3/2019 11:30:49		-122.362	37.7157				2069.55641	RS-700	0.654509502
18539	9/3/2019 11:30:50		-122.362	37.7157				2179.8891	RS-700	1.203428358
18540	9/3/2019 11:30:51		-122.362	37.7157				2105.74392	RS-700	0.834546866
18541	9/3/2019 11:30:52		-122.362	37.7157				2177.78538	RS-700	1.19296209
18542	9/3/2019 11:30:53		-122.362	37.7157				2084.48791	RS-700	0.728795572
18543	9/3/2019 11:30:54		-122.362	37.7157				2060.35681	RS-700	0.608740348

Gamma Scan Survey Results
Survey Unit 5 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
18544	9/3/2019 11:30:55		-122.362	37.7157				1932.79325	RS-700	-0.025904229
18545	9/3/2019 11:30:56		-122.362	37.7157				1934.7922	RS-700	-0.015959204
18546	9/3/2019 11:30:57		-122.362	37.7157				1910.39812	RS-700	-0.137322786
18547	9/3/2019 11:30:58		-122.362	37.7156				1895.96121	RS-700	-0.209148209
18548	9/3/2019 11:30:59		-122.362	37.7156				1925.59459	RS-700	-0.061718458
18549	9/3/2019 11:31:00		-122.362	37.7156				1972.77764	RS-700	0.173023085
18550	9/3/2019 11:31:01		-122.362	37.7156				2054.35749	RS-700	0.578892985
18551	9/3/2019 11:31:02		-122.362	37.7156				2073.22617	RS-700	0.672767015
18552	9/3/2019 11:31:03		-122.362	37.7156				2051.92529	RS-700	0.566792488
18553	9/3/2019 11:31:04		-122.362	37.7156				1924.96941	RS-700	-0.064828806
18554	9/3/2019 11:31:05		-122.362	37.7156				1911.15422	RS-700	-0.133561095
18555	9/3/2019 11:31:06		-122.362	37.7156				1915.57771	RS-700	-0.111553682
18556	9/3/2019 11:31:07		-122.362	37.7156				1879.67855	RS-700	-0.290156468
18557	9/3/2019 11:31:08		-122.362	37.7156				2016.02468	RS-700	0.388182488
18558	9/3/2019 11:31:09		-122.362	37.7156				2041.63292	RS-700	0.515586667
18559	9/3/2019 11:31:10		-122.362	37.7156				1971.89014	RS-700	0.168607662
18560	9/3/2019 11:31:11		-122.362	37.7156				2052.42429	RS-700	0.569275075
18561	9/3/2019 11:31:12		-122.362	37.7156				1979.80897	RS-700	0.208004826
18562	9/3/2019 11:31:13		-122.362	37.7156				1942.30072	RS-700	0.021396617
18563	9/3/2019 11:31:14		-122.362	37.7156				1989.821	RS-700	0.25781592
18564	9/3/2019 11:31:15		-122.362	37.7156				2007.95644	RS-700	0.34804199
18565	9/3/2019 11:31:16		-122.362	37.7156				1908.78359	RS-700	-0.145355274
18566	9/3/2019 11:31:17		-122.362	37.7156				1931.69148	RS-700	-0.031385672
18567	9/3/2019 11:31:18		-122.362	37.7156				2038.03413	RS-700	0.497682239
18568	9/3/2019 11:31:19		-122.362	37.7156				1969.59741	RS-700	0.157201045
18569	9/3/2019 11:31:20		-122.362	37.7156				2091.64397	RS-700	0.764397861
18570	9/3/2019 11:31:21		-122.362	37.7156				1993.51647	RS-700	0.276201343
18571	9/3/2019 11:31:22		-122.362	37.7156				2029.72408	RS-700	0.456338706
18572	9/3/2019 11:31:23		-122.362	37.7156				2034.63844	RS-700	0.480788259
18573	9/3/2019 11:31:24		-122.362	37.7156				2110.54194	RS-700	0.858417612
18574	9/3/2019 11:31:25		-122.362	37.7156				2096.7535	RS-700	0.789818408
18575	9/3/2019 11:31:26		-122.362	37.7156				2023.3215	RS-700	0.424485075
18576	9/3/2019 11:31:27		-122.362	37.7155				2059.83262	RS-700	0.606132438
18577	9/3/2019 11:31:28		-122.362	37.7155				2001.50078	RS-700	0.315924279
18578	9/3/2019 11:31:29		-122.362	37.7155				1883.78025	RS-700	-0.26975
18579	9/3/2019 11:31:30		-122.362	37.7155				1915.68788	RS-700	-0.111005572
18580	9/3/2019 11:31:31		-122.362	37.7155				1770.72431	RS-700	-0.832217363
18581	9/3/2019 11:31:32		-122.362	37.7155				1909.58901	RS-700	-0.141348209
18582	9/3/2019 11:31:33		-122.362	37.7155				1865.67592	RS-700	-0.359821294
18583	9/3/2019 11:31:34		-122.362	37.7155				1908.68537	RS-700	-0.14584393
18584	9/3/2019 11:31:35		-122.362	37.7155				1920.49673	RS-700	-0.087080945
18585	9/3/2019 11:31:36		-122.362	37.7155				1901.15659	RS-700	-0.183300547
18586	9/3/2019 11:31:37		-122.362	37.7155				1826.47293	RS-700	-0.554861045
18587	9/3/2019 11:31:38		-122.362	37.7155				1893.87134	RS-700	-0.219545572
18588	9/3/2019 11:31:39		-122.362	37.7155				1846.37669	RS-700	-0.455837363
18589	9/3/2019 11:31:40		-122.362	37.7155				1802.55544	RS-700	-0.673853532
18590	9/3/2019 11:31:41		-122.362	37.7155				1831.83939	RS-700	-0.528162239
18591	9/3/2019 11:31:42		-122.362	37.7155				1895.59304	RS-700	-0.2109799
18592	9/3/2019 11:31:43		-122.362	37.7155				1981.61103	RS-700	0.216970299
18593	9/3/2019 11:31:44		-122.362	37.7155				1936.49848	RS-700	-0.007470249
18594	9/3/2019 11:31:45		-122.362	37.7155				1928.39989	RS-700	-0.047761741
18595	9/3/2019 11:31:46		-122.362	37.7155				2006.42149	RS-700	0.340405423
18596	9/3/2019 11:31:47		-122.362	37.7155				2020.54004	RS-700	0.410646965
18597	9/3/2019 11:31:48		-122.362	37.7155				2010.41969	RS-700	0.360296965
18598	9/3/2019 11:31:49		-122.362	37.7155				1906.20576	RS-700	-0.158180299
18599	9/3/2019 11:31:50		-122.362	37.7155				1928.08047	RS-700	-0.049350896
18600	9/3/2019 11:31:51		-122.362	37.7155				1953.18859	RS-700	0.075565124
18601	9/3/2019 11:31:52		-122.362	37.7155				1846.8456	RS-700	-0.453504478
18602	9/3/2019 11:31:53		-122.362	37.7155				1988.51925	RS-700	0.251339552
18603	9/3/2019 11:31:54		-122.362	37.7155				1888.67538	RS-700	-0.245396119
18604	9/3/2019 11:31:55		-122.362	37.7154				1930.88621	RS-700	-0.03539199

Gamma Scan Survey Results
Survey Unit 5 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
18605	9/3/2019 11:31:56		-122.362	37.7154				1972.00073	RS-700	0.169157861
18606	9/3/2019 11:31:57		-122.362	37.7154				1972.80659	RS-700	0.173167114
18607	9/3/2019 11:31:58		-122.362	37.7154				1905.74967	RS-700	-0.160449403
18608	9/3/2019 11:31:59		-122.362	37.7154				1798.55791	RS-700	-0.693741741
18609	9/3/2019 11:32:00		-122.362	37.7154				1369.21537	RS-700	-2.829774279
18610	9/3/2019 11:32:01		-122.362	37.7154				816.08646	RS-700	-5.581659403
18611	9/3/2019 11:32:02		-122.362	37.7154				698.0728	RS-700	-6.16879204
18612	9/3/2019 11:32:03		-122.362	37.7154				785.04678	RS-700	-5.736085672
18613	9/3/2019 11:32:04		-122.362	37.7154				1421.43824	RS-700	-2.569959005
18614	9/3/2019 11:32:05		-122.362	37.7154				1763.36644	RS-700	-0.868823682
18615	9/3/2019 11:32:06		-122.362	37.7154				1851.47797	RS-700	-0.430457861
18616	9/3/2019 11:32:07		-122.362	37.7154				1850.65288	RS-700	-0.434562786
18617	9/3/2019 11:32:08		-122.362	37.7154				1923.97488	RS-700	-0.069776716
18618	9/3/2019 11:32:09		-122.362	37.7154				1847.66351	RS-700	-0.449435274
18619	9/3/2019 11:32:10		-122.362	37.7154				1815.10403	RS-700	-0.611422736
18620	9/3/2019 11:32:11		-122.362	37.7154				1798.20471	RS-700	-0.695498955
18621	9/3/2019 11:32:12		-122.362	37.7154				1793.64926	RS-700	-0.718162886
18622	9/3/2019 11:32:13		-122.362	37.7154				1851.78708	RS-700	-0.42892
18623	9/3/2019 11:32:14		-122.362	37.7154				1911.68081	RS-700	-0.130941244
18624	9/3/2019 11:32:15		-122.362	37.7154				1935.08681	RS-700	-0.014493483
18625	9/3/2019 11:32:16		-122.362	37.7154				2025.82753	RS-700	0.436952886
18626	9/3/2019 11:32:17		-122.362	37.7154				1947.6031	RS-700	0.047776617
18627	9/3/2019 11:32:18		-122.362	37.7154				1929.69013	RS-700	-0.041342637
18628	9/3/2019 11:32:19		-122.362	37.7154				1964.09656	RS-700	0.129833632
18629	9/3/2019 11:32:20		-122.362	37.7154				1960.50047	RS-700	0.111942637
18630	9/3/2019 11:32:21		-122.362	37.7154				1991.91347	RS-700	0.268226219
18631	9/3/2019 11:32:22		-122.362	37.7154				2060.83913	RS-700	0.61113995
18632	9/3/2019 11:32:23		-122.362	37.7154				2002.71674	RS-700	0.321973831
18633	9/3/2019 11:32:24		-122.362	37.7154				1974.1998	RS-700	0.180098507
18634	9/3/2019 11:32:25		-122.362	37.7154				2017.1173	RS-700	0.393618408
18635	9/3/2019 11:32:26		-122.362	37.7154				2017.41919	RS-700	0.395120348
18636	9/3/2019 11:32:27		-122.362	37.7154				1912.78094	RS-700	-0.12546796
18637	9/3/2019 11:32:28		-122.362	37.7154				1826.74399	RS-700	-0.553512488
18638	9/3/2019 11:32:29		-122.362	37.7154				1976.70628	RS-700	0.192568557
18639	9/3/2019 11:32:30		-122.362	37.7153				1870.67403	RS-700	-0.334955075
18640	9/3/2019 11:32:31		-122.362	37.7153				1894.58423	RS-700	-0.215998856
18641	9/3/2019 11:32:32		-122.362	37.7153				1922.70011	RS-700	-0.076118856
18642	9/3/2019 11:32:33		-122.362	37.7153				1922.78923	RS-700	-0.075675473
18643	9/3/2019 11:32:34		-122.362	37.7153				1803.73592	RS-700	-0.667980498
18644	9/3/2019 11:32:35		-122.362	37.7153				1836.6598	RS-700	-0.5041801
18645	9/3/2019 11:32:36		-122.362	37.7153				1822.65125	RS-700	-0.573874378
18646	9/3/2019 11:32:37		-122.362	37.7153				1906.68479	RS-700	-0.155797065
18647	9/3/2019 11:32:38		-122.362	37.7153				1846.4773	RS-700	-0.455336816
18648	9/3/2019 11:32:39		-122.362	37.7153				1813.64968	RS-700	-0.618658308
18649	9/3/2019 11:32:40		-122.362	37.7153				1898.67833	RS-700	-0.195630199
18650	9/3/2019 11:32:41		-122.362	37.7153				1842.38108	RS-700	-0.47571602
18651	9/3/2019 11:32:42		-122.362	37.7153				1941.17598	RS-700	0.015800896
18652	9/3/2019 11:32:43		-122.362	37.7153				2050.63739	RS-700	0.560385025
18653	9/3/2019 11:32:44		-122.362	37.7153				1949.60004	RS-700	0.057711642
18654	9/3/2019 11:32:45		-122.362	37.7153				2021.54047	RS-700	0.415624229
18655	9/3/2019 11:32:46		-122.362	37.7153				1951.69624	RS-700	0.068140498
18656	9/3/2019 11:32:47		-122.362	37.7153				1910.78291	RS-700	-0.135408408
18657	9/3/2019 11:32:48		-122.362	37.7153				1999.41649	RS-700	0.305554677
18658	9/3/2019 11:32:49		-122.362	37.7153				1851.66049	RS-700	-0.429549801
18659	9/3/2019 11:32:50		-122.362	37.7153				1800.74283	RS-700	-0.682871493
18660	9/3/2019 11:32:51		-122.362	37.7153				1869.77459	RS-700	-0.3394299
18661	9/3/2019 11:32:52		-122.362	37.7153				1725.53638	RS-700	-1.057032935
18662	9/3/2019 11:32:53		-122.362	37.7153				1765.45949	RS-700	-0.858410498
18663	9/3/2019 11:32:54		-122.362	37.7153				1763.45444	RS-700	-0.868385871
18664	9/3/2019 11:32:55		-122.362	37.7153				1802.37554	RS-700	-0.674748557
18665	9/3/2019 11:32:56		-122.362	37.7152				1820.46967	RS-700	-0.58472801

Gamma Scan Survey Results
Survey Unit 5 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
18666	9/3/2019 11:32:57		-122.362	37.7152				1876.48591	RS-700	-0.306040249
18667	9/3/2019 11:32:58		-122.362	37.7152				1881.20078	RS-700	-0.282583184
18668	9/3/2019 11:32:59		-122.362	37.7152				1840.57588	RS-700	-0.484697114
18669	9/3/2019 11:33:00		-122.362	37.7152				1856.65819	RS-700	-0.404685622
18670	9/3/2019 11:33:01		-122.362	37.7152				1762.07002	RS-700	-0.875273532
18671	9/3/2019 11:33:02		-122.362	37.7152				1834.3798	RS-700	-0.515523383
18672	9/3/2019 11:33:03		-122.362	37.7152				1770.54696	RS-700	-0.833099701
18673	9/3/2019 11:33:04		-122.362	37.7152				1821.83366	RS-700	-0.57794199
18674	9/3/2019 11:33:05		-122.362	37.7152				1840.66132	RS-700	-0.48427204
18675	9/3/2019 11:33:06		-122.362	37.7152				1883.87056	RS-700	-0.269300697
18676	9/3/2019 11:33:07		-122.362	37.7152				1881.0434	RS-700	-0.283366169
18677	9/3/2019 11:33:08		-122.361	37.7152				1818.74535	RS-700	-0.593306716
18678	9/3/2019 11:33:09		-122.361	37.7152				1788.73021	RS-700	-0.742635771
18679	9/3/2019 11:33:10		-122.361	37.7152				1931.59185	RS-700	-0.031881343
18680	9/3/2019 11:33:11		-122.361	37.7152				1931.49572	RS-700	-0.032359602
18681	9/3/2019 11:33:12		-122.361	37.7152				1823.92064	RS-700	-0.567559005
18682	9/3/2019 11:33:13		-122.361	37.7152				1758.54277	RS-700	-0.89282204
18683	9/3/2019 11:33:14		-122.361	37.7152				1833.47081	RS-700	-0.520045721
18684	9/3/2019 11:33:15		-122.361	37.7152				1772.63647	RS-700	-0.822704129
18685	9/3/2019 11:33:16		-122.361	37.7152				1796.64492	RS-700	-0.703259104
18686	9/3/2019 11:33:17		-122.361	37.7152				1845.56527	RS-700	-0.459874279
18687	9/3/2019 11:33:18		-122.361	37.7152				1745.7096	RS-700	-0.956668657
18688	9/3/2019 11:33:19		-122.361	37.7152				1712.27294	RS-700	-1.123020199
18689	9/3/2019 11:33:20		-122.361	37.7152				1791.55197	RS-700	-0.728597164
18690	9/3/2019 11:33:21		-122.361	37.7152				1899.774	RS-700	-0.190179104
18691	9/3/2019 11:33:22		-122.361	37.7151				1830.83766	RS-700	-0.53314597
18692	9/3/2019 11:33:23		-122.361	37.7151				1956.99232	RS-700	0.094489154
18693	9/3/2019 11:33:24		-122.361	37.7151				1874.6684	RS-700	-0.315082587
18694	9/3/2019 11:33:25		-122.361	37.7151				1872.13987	RS-700	-0.327662338
18695	9/3/2019 11:33:26		-122.361	37.7151				1857.76579	RS-700	-0.399175174
18696	9/3/2019 11:33:27		-122.361	37.7151				1831.01793	RS-700	-0.532249104
18697	9/3/2019 11:33:28		-122.361	37.7151				1724.19906	RS-700	-1.063686269
18698	9/3/2019 11:33:29		-122.361	37.7151				1334.21541	RS-700	-3.003903433
18699	9/3/2019 11:33:30		-122.361	37.7151				1103.32036	RS-700	-4.152635025
18700	9/3/2019 11:33:31		-122.361	37.7151				1263.31978	RS-700	-3.35661801
18701	9/3/2019 11:33:32		-122.361	37.7151				1324.4099	RS-700	-3.052687065
18702	9/3/2019 11:33:33		-122.361	37.7151				1315.34501	RS-700	-3.09778602
18703	9/3/2019 11:33:34		-122.361	37.7151				1067.20672	RS-700	-4.332304876
18704	9/3/2019 11:33:35		-122.361	37.7151				968.36048	RS-700	-4.824077214
18705	9/3/2019 11:33:36		-122.361	37.7151				1065.19487	RS-700	-4.34231408
18706	9/3/2019 11:33:37		-122.361	37.7151				1541.59197	RS-700	-1.972179254
18707	9/3/2019 11:33:38		-122.361	37.7151				1832.01303	RS-700	-0.527298358
18708	9/3/2019 11:33:39		-122.361	37.7151				1821.64852	RS-700	-0.578863085
18709	9/3/2019 11:33:40		-122.361	37.7151				1757.80446	RS-700	-0.896495224
18710	9/3/2019 11:33:41		-122.361	37.7151				1751.62759	RS-700	-0.92722592
18711	9/3/2019 11:33:42		-122.361	37.7151				1869.57584	RS-700	-0.340418706
18712	9/3/2019 11:33:43		-122.361	37.7151				1894.68261	RS-700	-0.215509403
18713	9/3/2019 11:33:44		-122.361	37.7151				1830.65679	RS-700	-0.534045821
18714	9/3/2019 11:33:45		-122.361	37.7151				1869.67353	RS-700	-0.339932687
18715	9/3/2019 11:33:46		-122.361	37.7151				1810.83039	RS-700	-0.632684627
18716	9/3/2019 11:33:47		-122.361	37.7151				1814.29044	RS-700	-0.615470448
18717	9/3/2019 11:33:48		-122.361	37.7151				1953.09052	RS-700	0.075077214
18718	9/3/2019 11:33:49		-122.361	37.7151				1831.65855	RS-700	-0.52906194
18719	9/3/2019 11:33:50		-122.361	37.7151				1954.59994	RS-700	0.082586766
18720	9/3/2019 11:33:51		-122.361	37.7151				1831.37939	RS-700	-0.530450796
18721	9/3/2019 11:33:52		-122.361	37.7151				1912.87661	RS-700	-0.12499199
18722	9/3/2019 11:33:53		-122.361	37.7151				1849.6683	RS-700	-0.439461194
18723	9/3/2019 11:33:54		-122.361	37.7151				1890.59245	RS-700	-0.235858458
18724	9/3/2019 11:33:55		-122.361	37.7151				1933.59752	RS-700	-0.021902886
18725	9/3/2019 11:33:56		-122.361	37.7151				1890.77065	RS-700	-0.234971891
18726	9/3/2019 11:33:57		-122.361	37.7151				1851.478	RS-700	-0.430457711

Gamma Scan Survey Results
Survey Unit 5 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
18727	9/3/2019 11:33:58		-122.361	37.7151				1927.75652	RS-700	-0.050962587
18728	9/3/2019 11:33:59		-122.361	37.715				1971.9044	RS-700	0.168678607
18729	9/3/2019 11:34:00		-122.361	37.715				1896.86348	RS-700	-0.204659303
18730	9/3/2019 11:34:01		-122.361	37.715				1807.46708	RS-700	-0.649417512
18731	9/3/2019 11:34:02		-122.361	37.715				1887.67908	RS-700	-0.250352836
18732	9/3/2019 11:34:03		-122.361	37.715				1786.37064	RS-700	-0.754374925
18733	9/3/2019 11:34:04		-122.361	37.715				1806.65155	RS-700	-0.653474876
18734	9/3/2019 11:34:05		-122.361	37.715				1745.79907	RS-700	-0.956223532
18735	9/3/2019 11:34:06		-122.361	37.715				1884.39684	RS-700	-0.266682388
18736	9/3/2019 11:34:07		-122.361	37.715				1993.7181	RS-700	0.277204478
18737	9/3/2019 11:34:08		-122.361	37.715				1974.41276	RS-700	0.18115801
18738	9/3/2019 11:34:09		-122.361	37.715				1937.49974	RS-700	-0.002488856
18739	9/3/2019 11:34:10		-122.361	37.715				1981.80869	RS-700	0.217953682
18740	9/3/2019 11:34:11		-122.361	37.715				1915.59513	RS-700	-0.111467015
18741	9/3/2019 11:34:12		-122.361	37.715				1844.84383	RS-700	-0.463463532
18742	9/3/2019 11:34:13		-122.361	37.715				1828.7491	RS-700	-0.543536816
18743	9/3/2019 11:34:14		-122.361	37.715				1893.58351	RS-700	-0.220977562
18744	9/3/2019 11:34:15		-122.361	37.715				1898.86714	RS-700	-0.194690846
18745	9/3/2019 11:34:16		-122.361	37.715				1936.87748	RS-700	-0.005584677
18746	9/3/2019 11:34:17		-122.361	37.715				1986.31285	RS-700	0.240362438
18747	9/3/2019 11:34:18		-122.361	37.715				2025.12946	RS-700	0.4334799
18748	9/3/2019 11:34:19		-122.361	37.715				1952.0004	RS-700	0.069653731
18749	9/3/2019 11:34:20		-122.361	37.715				1974.4067	RS-700	0.181127861
18750	9/3/2019 11:34:21		-122.361	37.715				1875.48974	RS-700	-0.310996318
18751	9/3/2019 11:34:22		-122.361	37.715				1871.56126	RS-700	-0.330540995
18752	9/3/2019 11:34:23		-122.361	37.715				1762.1852	RS-700	-0.874700498
18753	9/3/2019 11:34:24		-122.361	37.715				1891.59393	RS-700	-0.23087597
18754	9/3/2019 11:34:25		-122.361	37.7149				1914.67778	RS-700	-0.116030945
18755	9/3/2019 11:34:26		-122.361	37.7149				1903.77658	RS-700	-0.170265771
18756	9/3/2019 11:34:27		-122.361	37.7149				1837.75182	RS-700	-0.498747164
18757	9/3/2019 11:34:28		-122.361	37.7149				1874.48818	RS-700	-0.315979204
18758	9/3/2019 11:34:29		-122.361	37.7149				1981.90793	RS-700	0.218447413
18759	9/3/2019 11:34:30		-122.361	37.7149				1951.60813	RS-700	0.067702139
18760	9/3/2019 11:34:31		-122.361	37.7149				1798.82672	RS-700	-0.692404378
18761	9/3/2019 11:34:32		-122.361	37.7149				1594.33041	RS-700	-1.709798955
18762	9/3/2019 11:34:33		-122.361	37.7149				1555.32392	RS-700	-1.903861095
18763	9/3/2019 11:34:34		-122.361	37.7149				1277.28386	RS-700	-3.287144975
18764	9/3/2019 11:34:35		-122.361	37.7149				1050.2755	RS-700	-4.416539801
18765	9/3/2019 11:34:36		-122.361	37.7149				973.24979	RS-700	-4.799752289
18766	9/3/2019 11:34:37		-122.361	37.7149				1180.43836	RS-700	-3.768963383
18767	9/3/2019 11:34:38		-122.361	37.7149				1332.34649	RS-700	-3.013201542
18768	9/3/2019 11:34:39		-122.361	37.7149				1549.56029	RS-700	-1.932535871
18769	9/3/2019 11:34:40		-122.361	37.7149				1775.53097	RS-700	-0.808303632
18770	9/3/2019 11:34:41		-122.361	37.7149				1747.62784	RS-700	-0.947125174
18771	9/3/2019 11:34:42		-122.361	37.7149				1946.88063	RS-700	0.044182239
18772	9/3/2019 11:34:43		-122.361	37.7149				1822.74431	RS-700	-0.573411393
18773	9/3/2019 11:34:44		-122.361	37.7149				1943.18038	RS-700	0.025773035
18774	9/3/2019 11:34:45		-122.361	37.7149				1858.65698	RS-700	-0.394741393
18775	9/3/2019 11:34:46		-122.361	37.7149				1918.97653	RS-700	-0.094644129
18776	9/3/2019 11:34:47		-122.361	37.7149				1991.61552	RS-700	0.266743881
18777	9/3/2019 11:34:48		-122.361	37.7149				1886.56193	RS-700	-0.255910796
18778	9/3/2019 11:34:49		-122.361	37.7149				1819.65366	RS-700	-0.588787761
18779	9/3/2019 11:34:50		-122.361	37.7149				1951.70005	RS-700	0.068159453
18780	9/3/2019 11:34:51		-122.361	37.7149				1838.38669	RS-700	-0.495588607
18781	9/3/2019 11:34:52		-122.361	37.7149				1819.55948	RS-700	-0.589256318
18782	9/3/2019 11:34:53		-122.361	37.7149				1886.25668	RS-700	-0.257429453
18783	9/3/2019 11:34:54		-122.361	37.7149				1820.47645	RS-700	-0.584694279
18784	9/3/2019 11:34:55		-122.361	37.7149				1904.69274	RS-700	-0.165707761
18785	9/3/2019 11:34:56		-122.361	37.7149				1916.49089	RS-700	-0.107010498
18786	9/3/2019 11:34:57		-122.361	37.7148				1433.51581	RS-700	-2.509871592
18787	9/3/2019 11:34:58		-122.361	37.7148				818.048	RS-700	-5.571900498

Gamma Scan Survey Results
Survey Unit 5 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
18788	9/3/2019 11:34:59		-122.361	37.7148				832.08998	RS-700	-5.502039901
18789	9/3/2019 11:35:00		-122.361	37.7148				1308.47858	RS-700	-3.131947363
18790	9/3/2019 11:35:01		-122.361	37.7148				1823.56168	RS-700	-0.569344876
18791	9/3/2019 11:35:02		-122.361	37.7148				1841.47448	RS-700	-0.480226468
18792	9/3/2019 11:35:03		-122.361	37.7148				1316.43462	RS-700	-3.092365075
18793	9/3/2019 11:35:04		-122.361	37.7148				1281.3965	RS-700	-3.26668408
18794	9/3/2019 11:35:05		-122.361	37.7148				1768.47043	RS-700	-0.843430697
18795	9/3/2019 11:35:06		-122.361	37.7148				1938.306	RS-700	0.001522388
18796	9/3/2019 11:35:07		-122.361	37.7148				1975.00337	RS-700	0.184096368
18797	9/3/2019 11:35:08		-122.361	37.7148				1950.80208	RS-700	0.06369194
18798	9/3/2019 11:35:09		-122.361	37.7148				1975.31249	RS-700	0.185634279
18799	9/3/2019 11:35:10		-122.361	37.7148				1994.81449	RS-700	0.282659154
18800	9/3/2019 11:35:11		-122.361	37.7148				1959.50545	RS-700	0.106992289
18801	9/3/2019 11:35:12		-122.361	37.7148				1987.90795	RS-700	0.248298259
18802	9/3/2019 11:35:13		-122.361	37.7148				1997.40382	RS-700	0.295541393
18803	9/3/2019 11:35:14		-122.361	37.7148				1902.67586	RS-700	-0.17574199
18804	9/3/2019 11:35:15		-122.361	37.7148				2008.72466	RS-700	0.35186398
18805	9/3/2019 11:35:16		-122.361	37.7148				1927.59716	RS-700	-0.051755423
18806	9/3/2019 11:35:17		-122.361	37.7148				1947.60095	RS-700	0.04776592
18807	9/3/2019 11:35:18		-122.361	37.7148				1868.48184	RS-700	-0.345861493
18808	9/3/2019 11:35:19		-122.361	37.7148				1923.59634	RS-700	-0.07166
18809	9/3/2019 11:35:20		-122.361	37.7148				1907.49223	RS-700	-0.15177995
18810	9/3/2019 11:35:21		-122.361	37.7148				1866.77064	RS-700	-0.354374925
18811	9/3/2019 11:35:22		-122.361	37.7148				1989.11081	RS-700	0.254282637
18812	9/3/2019 11:35:23		-122.361	37.7148				1942.38839	RS-700	0.021832786
18813	9/3/2019 11:35:24		-122.361	37.7148				1951.31059	RS-700	0.066221841
18814	9/3/2019 11:35:25		-122.361	37.7148				1928.49993	RS-700	-0.04726403
18815	9/3/2019 11:35:26		-122.361	37.7148				1817.29079	RS-700	-0.600543333
18816	9/3/2019 11:35:27		-122.361	37.7147				1958.79756	RS-700	0.103470448
18817	9/3/2019 11:35:28		-122.361	37.7147				1911.39113	RS-700	-0.132382438
18818	9/3/2019 11:35:29		-122.361	37.7147				1897.86397	RS-700	-0.199681741
18819	9/3/2019 11:35:30		-122.361	37.7147				1990.78943	RS-700	0.26263398
18820	9/3/2019 11:35:31		-122.361	37.7147				1895.67744	RS-700	-0.21056
18821	9/3/2019 11:35:32		-122.361	37.7147				1928.07793	RS-700	-0.049363532
18822	9/3/2019 11:35:33		-122.361	37.7147				1861.57402	RS-700	-0.380228756
18823	9/3/2019 11:35:34		-122.361	37.7147				1874.95335	RS-700	-0.313664925
18824	9/3/2019 11:35:35		-122.361	37.7147				1874.94716	RS-700	-0.313695721
18825	9/3/2019 11:35:36		-122.361	37.7147				1852.75274	RS-700	-0.424115721
18826	9/3/2019 11:35:37		-122.361	37.7147				1894.39463	RS-700	-0.216942139
18827	9/3/2019 11:35:38		-122.361	37.7147				1934.98194	RS-700	-0.015015224
18828	9/3/2019 11:35:39		-122.361	37.7147				1957.09627	RS-700	0.095006318
18829	9/3/2019 11:35:40		-122.361	37.7147				1875.3953	RS-700	-0.311466169
18830	9/3/2019 11:35:41		-122.361	37.7147				1901.68404	RS-700	-0.180676418
18831	9/3/2019 11:35:42		-122.361	37.7147				1907.8749	RS-700	-0.149876119
18832	9/3/2019 11:35:43		-122.361	37.7147				1842.78171	RS-700	-0.473722836
18833	9/3/2019 11:35:44		-122.361	37.7147				1814.91998	RS-700	-0.612338408
18834	9/3/2019 11:35:45		-122.361	37.7147				1924.8688	RS-700	-0.065329353
18835	9/3/2019 11:35:46		-122.361	37.7147				1939.69472	RS-700	0.008431443
18836	9/3/2019 11:35:47		-122.361	37.7147				1866.37676	RS-700	-0.356334527
18837	9/3/2019 11:35:48		-122.361	37.7147				1908.87278	RS-700	-0.144911542
18838	9/3/2019 11:35:49		-122.361	37.7147				1879.57813	RS-700	-0.29065607
18839	9/3/2019 11:35:50		-122.361	37.7147				1848.47538	RS-700	-0.445396119
18840	9/3/2019 11:35:51		-122.361	37.7147				1927.07845	RS-700	-0.05433607
18841	9/3/2019 11:35:52		-122.361	37.7146				1810.82948	RS-700	-0.632689154
18842	9/3/2019 11:35:53		-122.361	37.7146				1848.54769	RS-700	-0.445036368
18843	9/3/2019 11:35:54		-122.361	37.7146				1865.55908	RS-700	-0.360402587
18844	9/3/2019 11:35:55		-122.361	37.7146				1826.92986	RS-700	-0.552587761
18845	9/3/2019 11:35:56		-122.361	37.7146				1878.76699	RS-700	-0.294691592
18846	9/3/2019 11:35:57		-122.361	37.7146				1838.83825	RS-700	-0.49334204
18847	9/3/2019 11:35:58		-122.361	37.7146				1897.39889	RS-700	-0.201995572
18848	9/3/2019 11:35:59		-122.36	37.7146				1860.84542	RS-700	-0.383853632

Gamma Scan Survey Results
Survey Unit 5 Surfaces

SeqNum	Date	Time	Long	Lat	Northing	Easting	Gamma_CPM	Gamma_CPS	Det	Z-score
18849	9/3/2019 11:36:00		-122.36	37.7146				1951.68572	RS-700	0.068088159
18850	9/3/2019 11:36:01		-122.36	37.7146				1876.86054	RS-700	-0.304176418
18851	9/3/2019 11:36:02		-122.36	37.7146				1879.95308	RS-700	-0.288790647
18852	9/3/2019 11:36:03		-122.36	37.7146				1904.30761	RS-700	-0.167623831
18853	9/3/2019 11:36:04		-122.36	37.7146				1874.57724	RS-700	-0.315536119
18854	9/3/2019 11:36:05		-122.36	37.7146				1966.31035	RS-700	0.140847512
18855	9/3/2019 11:36:06		-122.36	37.7146				2005.31917	RS-700	0.334921244
18856	9/3/2019 11:36:07		-122.36	37.7146				1942.50266	RS-700	0.022401294
18857	9/3/2019 11:36:08		-122.36	37.7146				1852.66352	RS-700	-0.424559602
18858	9/3/2019 11:36:09		-122.36	37.7146				1914.97334	RS-700	-0.114560498
18859	9/3/2019 11:36:10		-122.36	37.7146				1912.64255	RS-700	-0.126156468
18860	9/3/2019 11:36:11		-122.36	37.7146				1892.68171	RS-700	-0.225464129
18861	9/3/2019 11:36:12		-122.36	37.7146				1876.86233	RS-700	-0.304167512
18862	9/3/2019 11:36:13		-122.36	37.7146				1929.5961	RS-700	-0.041810448
18863	9/3/2019 11:36:14		-122.36	37.7146				1824.2981	RS-700	-0.565681095
18864	9/3/2019 11:36:15		-122.36	37.7146				1871.48108	RS-700	-0.3309399
18865	9/3/2019 11:36:16		-122.36	37.7146				1868.67059	RS-700	-0.344922438
18866	9/3/2019 11:36:17		-122.36	37.7146				1814.82719	RS-700	-0.61280005
18867	9/3/2019 11:36:18		-122.36	37.7146				1815.47029	RS-700	-0.609600547
18868	9/3/2019 11:36:19		-122.36	37.7145				1863.85706	RS-700	-0.368870348
18869	9/3/2019 11:36:20		-122.36	37.7145				1876.57421	RS-700	-0.305600945
18870	9/3/2019 11:36:21		-122.36	37.7145				1834.48145	RS-700	-0.515017662
18871	9/3/2019 11:36:22		-122.36	37.7145				1920.7841	RS-700	-0.085651244
18872	9/3/2019 11:36:23		-122.36	37.7145				1870.57835	RS-700	-0.335431095
18873	9/3/2019 11:36:24		-122.36	37.7145				1913.87445	RS-700	-0.120027612
18874	9/3/2019 11:36:25		-122.36	37.7145				1955.28857	RS-700	0.086012786
18875	9/3/2019 11:36:26		-122.36	37.7145				2062.46037	RS-700	0.619205821
18876	9/3/2019 11:36:27		-122.36	37.7145				1909.68408	RS-700	-0.140875224
18877	9/3/2019 11:36:28		-122.36	37.7145				1992.78332	RS-700	0.272553831
18878	9/3/2019 11:36:29		-122.36	37.7145				1892.49404	RS-700	-0.226397811
18879	9/3/2019 11:36:30		-122.36	37.7145				1918.5871	RS-700	-0.096581592
18880	9/3/2019 11:36:31		-122.36	37.7145				1870.48308	RS-700	-0.335905075
18881	9/3/2019 11:36:32		-122.36	37.7145				1838.29503	RS-700	-0.496044627
18882	9/3/2019 11:36:33		-122.36	37.7145				1835.57105	RS-700	-0.509596766
18883	9/3/2019 11:36:34		-122.36	37.7145				1939.41289	RS-700	0.007029303
18884	9/3/2019 11:36:35		-122.36	37.7145				1831.29729	RS-700	-0.530859254
18885	9/3/2019 11:36:36		-122.36	37.7145				1926.20644	RS-700	-0.058674428
18886	9/3/2019 11:36:37		-122.36	37.7145				1890.58906	RS-700	-0.235875323
18887	9/3/2019 11:36:38		-122.36	37.7145				1841.38253	RS-700	-0.48068393
18888	9/3/2019 11:36:39		-122.36	37.7145				1544.41324	RS-700	-1.958143085
18889	9/3/2019 11:36:40		-122.36	37.7145				1861.93952	RS-700	-0.378410348
18890	9/3/2019 11:36:41		-122.36	37.7145				1889.48861	RS-700	-0.241350199
18891	9/3/2019 11:36:42		-122.36	37.7145				1947.60783	RS-700	0.047800149
18892	9/3/2019 11:36:43		-122.36	37.7145				1889.29967	RS-700	-0.242290199
18893	9/3/2019 11:36:44		-122.36	37.7145				1854.67083	RS-700	-0.414572985
18894	9/3/2019 11:36:45		-122.36	37.7144				1961.50866	RS-700	0.116958507
18895	9/3/2019 11:36:46		-122.36	37.7144				1824.28469	RS-700	-0.565747811
18896	9/3/2019 11:36:47		-122.36	37.7144				1938.59445	RS-700	0.002957463
18897	9/3/2019 11:36:48		-122.36	37.7144				1865.76072	RS-700	-0.359399403
18898	9/3/2019 11:36:49		-122.36	37.7144				1771.72313	RS-700	-0.827248109
18899	9/3/2019 11:36:50		-122.36	37.7144				1818.65176	RS-700	-0.593772338
18900	9/3/2019 11:36:51		-122.36	37.7144				1759.45355	RS-700	-0.888290796
18901	9/3/2019 11:36:52		-122.36	37.7144				1822.93053	RS-700	-0.572484925
18902	9/3/2019 11:36:53		-122.36	37.7144				1801.81209	RS-700	-0.677551791
18903	9/3/2019 11:36:54		-122.36	37.7144				1756.09984	RS-700	-0.90497592
18904	9/3/2019 11:36:55		-122.36	37.7144				1828.74802	RS-700	-0.543542189
18905	9/3/2019 11:36:56		-122.36	37.7144				1852.85751	RS-700	-0.423594478
18906	9/3/2019 11:36:57		-122.36	37.7144				1875.14194	RS-700	-0.312726667
18907	9/3/2019 11:36:58		-122.36	37.7144				1837.74932	RS-700	-0.498759602
18908	9/3/2019 11:36:59		-122.36	37.7144				1809.82777	RS-700	-0.637672786
18909	9/3/2019 11:37:00		-122.36	37.7144				1801.64883	RS-700	-0.67836403