From:	Collinson, Peter
To:	Rainey, David I; james.hanzalik@uscg.mil; charlie.henry@noaa.gov; Steve Mason/R6/USEPA/US@EPA
Cc:	Carragher, Peter D; Malnor, Lawrence K
Subject:	End of Day Status Report 16 May 2010 R/V Brooks McCall: E-MAIL No.1 of 2
Date:	05/17/2010 02:00 AM
Importance:	High
Attachments:	File 2 tdi_brooks_mccall_sampling_0516.pdf File 3 Cruise_2_Sampling_Tracking_Master.xls File 4 Sample Inventory 5_16_10.doc

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Dear Team,

Please find attached the end of day summary data report from the R/V Brooks McCall, dated 16th May 2010.

Regards,

Peter Collinson

From: Don Aurand [mailto:d.aurand@ecosystem-management.net]
Sent: 16 May 2010 21:29
To: Collinson, Peter
Cc: Malnor, Lawrence K; David Wright; Speer, Jennifer G
Subject: End of Day Status Report 16 May 2010 R/V Brooks McCall

NOTE Because of the difficulties yesterday in transmitting files, they will be sent in groups in subsequent emails.

Four stations were occupied today in conjunction with dispersant injection monitoring All sampling locations are shown on the Figure in attached File 2. Samples were taken at the same depths of approximately 1 meter, 50 meters, 100 meters, 200 meters, 500 meters, 750 meters, 1000 meters, 1200 meters, 1300 meters, 1400 meters, and 1475 meters (estimated to be near bottom, based on depth charts) as yesterday.

The first station of the day (samples in the B21 series) was located at the same coordinates sampled yesterday, approximately one km of the release point. Dispersed oil was still detected between 1000 and 1250 meters depth the fluorometry trace in the CTD data (File 8) and by the results of the LISST particle size analyzer (File 5). The peak fluoroscence appeared to be reduced over yesterday.

The remaining three stations were taken in a SW direction from the first station. The first was 0.5 km from the original, and the remaining two were spaced at one km intervals. Fluorometry and LISST analysis indicated oil at depth at all three. Dissolved oxygen values taken on the oxygen probe of the CTD unit still do not indicate a decrease in DO in the vicinity of the hydrocarbon signal at any of these stations. Details on the LISST results are given in File 5

The C3 Turner Submersible Towed Fluorometer could not be deployed. The computer associated with the unit got wet last night and it was decided that the unit should not be turned on until it could be determined to be completely dry.

The CTD depth recorder now in use needs to be adjusted to provide exact sample depths. Details of the problem are provided in File 9.

Toxicity testing is underway, but no results are available yet. Details are provided in File 7.

All equipment is functioning properly.

Plan for Tomorrow - Unless otherwise directed, we intend to occupy the control station to the

east/southeast, beginning at 0630, and then return to the release point to resume monitoring.

The following files are attached to this email. The first three files are cumulative for this cruise (15 to 17 May) and should be replaced when updated. The remaining files are specific to each day's operations.

1. A shape file of our station locations which can be imported to mapping software.

2. A pdf graphic based on the shape file showing our stations.

3. An Excel spreadsheet with six tabs, containing station specific information on samples.

4. Equipment and inventory status

5. A summary of the LISST results

6. CTD plots for today's stations

7. A summary of the toxicity testing status

8. A. supply order list

9. CTD Depth Recorder Adjustment

Don

Don Aurand, Ph.D.
Ecosystem Management & Associates, Inc. (for BP)
Chief Scientist
R/V Brooks McCall