Hurricane Harvey
ESF – 10
Unified
Incident Action Plan
(IAP-22)

Operational Period:
Starting: 09/23/2017 @ 0700
Ending: 09/25/2017 @ 0700

7020361

1. Incident Name:	2. Operational Period: (Date/Time)	INCIDENT OBJECTIVES ICS 202 - EPA
Hurricane Harvey – ESF 10 Texas	From: 09/23/2017 @ 0700 To: 09/25/2017 @ 0700	

3. Incident Objective(s):

1. **Provide for the safety, welfare and security of response personnel.**
2. **Maximize the protection of public health, and safety.**
3. **Prioritize, monitor, mitigate and/or recover identified pollution targets. Capture recovered oil and hazmat volume data and publish in accordance with NDOW SOPs.**
4. **Identify and secure staging areas for displaced vessels.**
5. **Optimize staffing and physical footprint commensurate to the size and scope of the incident.**
6. **Maintain a common operating picture (COP).**
7. **Identify and maximize protection of environmentally sensitive areas and threatened species.**
8. **Manage a coordinated interagency response effort that reflects the composition of the Unified Command.**
9. **Maintain an IMT that can meet the long-term challenges required for incident mitigation.**
10. **Inform the public, stakeholders, and the media of response activities.**
11. **Adhere to appropriate financial accounting practices.**
12. **Establish a strong interagency partnership with public and private organizations to determine ownership and disposition of targets.**

4. Operational Period Command Emphasis. (Priorities, Key Discussions/Directions):

- "Get them back to normal"
- All field activities will be conducted using the NDOW Standard Operating Procedures, the approved Unified Command Hurricane Harvey Vessel Mitigation and Removal Protocol, NDOW tools, and Response Manager.
- Agencies will work in coordination under Unified Command
- Transition ESF-10 activities back to normal State of Texas operations.

5. General Situation Awareness (Safety bullets, Weather, etc...):

☒ **Approved Site Safety Plan Located at:** Safety Officers' desk

6. Prepared By: (PSC)		(Date/Time)	
Name:	Signature:	Date:	Time:
Maggie Waldon, EPA	M. W.	09/22/17	2000
CWO Pete Gollnick, USCG	CWO, USCG	09/22/17	1944

7. Approved By (Incident Commander(s)):		(Date/Time)	
Name:	Signature:	Date:	Time:
Gary Moore, EPA		09/22/17	1815
Anthony Buck, TCEQ	for	09/22/17	1815
Jimmy Martinez, TGLO		09/22/17	1800
CDR Tedd Hutley, US Coast Guard		09/22/17	1935

. Incident Name	2. Operational Period (Date/Time)	Command Direction ICS 202A-CG
Hurricane Harvey – ESF 10 Texas	From: 09-23-17 @ 0700 To: 09-25-17 @ 0700	

3. Key Decisions and Procedures: (Ref IMH pg 4-1 to 4-2)

NAME OF INCIDENT: Hurricane Harvey ESF-10 Texas

OPERATIONAL PERIOD: 48 hour operational period

FUNCTIONS: Safety, Oil Spill & Hazardous Substance Release and Threats, Environmental Protection, drinking water and waste water facility assessment.

ASSISTING & COOPERATING AGENCIES: EPA, TCEQ, TGLO, USCG, NOAA, TPWD

ORGANIZATION: (Consider Shift Work)

- **AGENCY EXECUTIVE(S): FEMA JFO**
- **INCIDENT/UNIFIED COMMAND:** EPA is the lead agency for ESF-10 and USCG is Deputy to support state of TX in accordance with NRF. The ESF-10 Unified Command consists of TGLO, TCEQ, EPA, and USCG.
- **COMMAND STAFF:**
- PIO – USCG, assistants as necessary
- LOFR – USCG
- SOFR – USCG
- Legal Officer – Each agency shall contact their respective legal departments.
- **GENERAL STAFF**
- OSC – USCG
- PSC – USCG
- LSC – USCG
- FSC – USCG

FACILITIES:

- ICP/ALPHA BRANCH LOCATION: 2001 Suntide Rd, Corpus Christi, Texas;
- BRAVO BRANCH LOCATION: 13411 Hillard St. Houston, Texas
- CHARLIE BRANCH LOCATION: 6000 Airline Drive, Beaumont, Texas
- JIC LOCATION: Full FEMA JIC: Golfsmith Building, 11000 North I-35, Dustin, Texas
- Airport: Naval Air Station Corpus Christi

Delegation of Authority:
All Section Chiefs are empowered to staff according to the needs of the response.

IMT Procedures/Function: The National Response Framework, ESF10 annex, the Area Contingency Plan, and Geographic Response Plans, and TGLO tool kit will be used, as appropriate, in planning operations.
All field activities will be conducted using the NDOW Standard Operating Procedures, the approved Unified Command Hurricane Harvey Vessel Mitigation and Removal Protocol, NDOW tools, and Response Manager
All responders will use USCG/EPA IMH and job aids as the IMT SOP. All IMT members shall review their section responsibilities.

UC Functionality:
Core hours of the UC will be from 0700 to 1900.
UC shall approve all media releases.
UC will approve visitation of VIPs to the response sites.
The UC members will work with their deputies to ensure someone is accessible 24 hours/day.

4. Priorities: (Reference IMH pg 4-2 to 4-3)

1. Life - Safety of Public and Responders
2. Assessment, prioritization, mitigation, and monitoring of oil and hazardous substance targets throughout impacted area utilizing NDOW protocols
3. Environmental Protection
4. Information management and situational awareness
5. Unified and efficient government support to the state of Texas

5. Limitations and Constraints: (Ref IMH pg 4-3 to 4-4)

MANAGERIAL:
Working under large FEMA led disaster response organization.
Impacted area crosses 3 COTP zones; Delegation of FOSC authority completed.

POLITICAL ENVIRONMENT:
Media Coverage: There is likely to be high media interest.
Public Confidence/Perception
Potential for Adverse Economic/Environmental/Health and safety impacts
There has been a Large Scale Evacuation with numerous displaced citizens

FINANCIAL:
Funding Sources: EPA has been issued a $10.092 Million ESF10 mission assignment. EPA will manage the cost accounting for these funds.
USCG has been issued a $20 Million ESF10 mission assignment. USCG will manage the cost accounting for these funds.

LOGISTICAL:
Multiple resource ordering processes may impact operational efficiency.
Lodging availability is scarce.
Personnel must travel long distances to conduct response operations.
Each agency will use their own logistics processes.

OPERATIONAL/SAFETY/ENVIRONMENTAL:
Night operations on an as needed call-out basis.

RESOURCES: Limited Staffing Resources for adequate IMT.

GEOGRAPHY/TERRAIN: Impact of the event is widespread over a large geographic area. Impacts cross 3 Captain of the Port Zones and entire EPA Region.

PHYSICAL ENVIRONMENT: Heat stress must be considered during each and every operation.
Numerous health safety hazards.

6. Prepared by: (Planning Section Chief)	**Date/Time**
Maggie Waldon/CWO Pete Gollnick	09/22/2017 1800

1. Incident Name	2. Operational Period (Date/Time)	Critical Information Requirements ICS 202B
Hurricane Harvey – ESF 10 Texas	From: 09/21/2017 @ 0700 To: 09/23/2017 @ 0700	

3. Critical Information Requirements(CIRs): (ref IMH pg 4-9 to 4-10, and Chapter 12)
(CIRs are a comprehensive list of information requirements that the IC/UC has identified as critical to facilitate timely decision making. These CIRs should be tracked by the Planning Section/Situation Unit, and incorporated into the daily situation reports.)

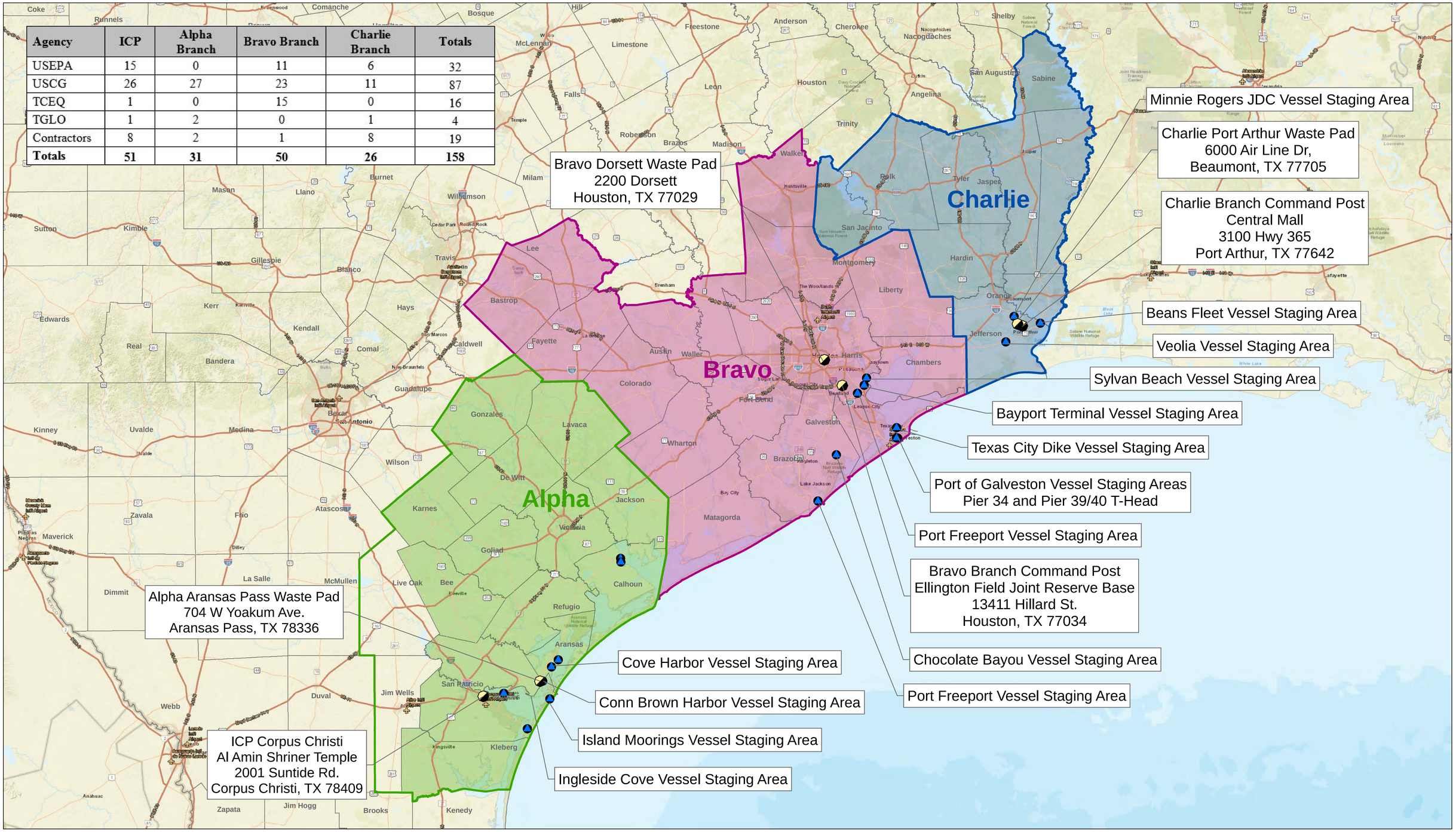
- **Accountability of personnel.**
- **Status of NDOW Targets.**
- **Environmental resources at risk as a result of the incident and response.**
- **Environmental Impact.**
- **Wildlife Impacts.**
- **Social media field observations or trends.**
- **Political interests or concerns and media interests and concerns.**
- **Completion of an Operational Objective.**
- **75% of MA Ceiling.**
- **Any Interagency issue or disagreement that cannot be solved at the Section Chief level.**
- **Agency Burn Rate**

IMMEDIATE REPORTING THRESHOLDS: (The following elements of information must be reported immediately to the IC/UC, and the Planning Section/Situation Unit for tracking/dissemination.)

- **Fatalities and/or injuries beyond first aid.**
- **Anytime Safety Officer shuts down operations.**
- **Significant change in media interests and concerns.**
- **Significant change in political interests and concerns.**
- **Failure of Incident Specific Critical Resource that impacts operations.**
- **Any new discovery of an active discharge must be immediately reported to the Operations Section Chief and shall be reported to the NRC.**
- **Any changes to planned operations.**
- **Request for VIP visits.**
- **Any ceiling increase of Mission Assignment.**

4. Prepared by: (Planning Section Chief)	Date/Time
Maggie Waldon/ CWO Pete Gollnick	09/22/17 1800

Agency	ICP	Alpha Branch	Bravo Branch	Charlie Branch	Totals
USEPA	15	0	11	6	32
USCG	26	27	23	11	87
TCEQ	1	0	15	0	16
TGLO	1	2	0	1	4
Contractors	8	2	1	8	19
Totals	**51**	**31**	**50**	**26**	**158**



Legend

Federally Declared Counties:

- in Alpha
- in Bravo
- in Charlie

Incident Command Post (ICP) /Staging Area

Vessel Staging Location

USA EPA REGION 6 Overview Map Alpha, Bravo, Charlie

Hurricane Harvey Response

N W E S

0 25 50 Miles

For Official Use Only

EPA GIS

Printed: 8:19:59 PM 9/22/2017

FILE: C:\Harvey_ER_9202017\SPATIAL\MXD\Harvey - EPA Region 6 IAP Overview Map.mxd 8:19:59 PM 9/22/2017 Zachary.Collins

POST-HARVEY POLLUTION RESPONSE

Best Management Practices (BMPs) for the protection of sensitive Ecological & Cultural Resources

ESF-10 Environmental Unit (EU)

All operations shall be conducted with the overarching philosophy of "do more good than harm". The following BMPs are provided for the protection of Federal & State protected species and other sensitive resources and reflect the "*Natural Disaster Orphan Container Recovery in Sensitive Coastal Habitats of Texas*" developed by the Natural Disaster Operational Workgroup. This document is meant as a quick reference guide for operations and not as a replacement for more comprehensive DNOW or state documents. **NOTE: In areas where threatened or endangered species or critical habitat exists, refer to the "*Environmental Unit Guidance on Threatened/Endangered Species*" and coordinate with the ESF-10 ICP for specific BMPs.**

Coordination & Assistance Contacts

Operations (USCG) ESF-10	415-720-4180
Operations (USEPA) ESF-10	816-718-4279
NOAA SSC/Environmental Unit	617-877-2806

For all Field Operations

Cultural Resource Protection:

- For any historic, cultural or native American issues please contact your State Historic Preservation Office (SHPO) as listed above or the ESF-10 Environmental Unit Leader.
- Native American and historic-era artifacts (e.g. pot shards & arrowheads) must not be collected.
- When activity occurs within 250 meters of a sensitive cultural resource as indicated by EU, a qualified archaeologist or other qualified historic preservation professional must be present to monitor the work.
- Any activities being undertaken at, on, or near any known historic-era structure, site, vessel or other should first be reported to the SHPO representative identified above or contact the EUL for assistance.

Natural Resource Protection:

- Do not disturb wildlife or habitat (including foraging or nesting areas).
- Perform site visits & work from waterway, paved surfaces or existing roadways whenever possible to minimize impacts to sensitive habitats.
- Select vehicles and equipment which are least likely to disturb soils/sediments and keep loading to a minimum to reduce ground pressure (on unpaved surfaces).
- Sensitive, non-ecological sites (i.e. cultural, historical, pipelines, water control structures, etc.) must be avoided unless otherwise authorized. EU will identify sensitive sites in the vicinity of actionable targets, though all field personnel should take care when transiting to and from actionable targets.

- Avoid / minimize the release of contaminants from orphaned containers into critical habitat and other aquatic areas. Document (GPS, Photograph, Markings) orphaned containers and report to EU.
- Removal of orphan pollution containers from sensitive habitats may require specialized operations to minimize impacts. Such operations shall be closely coordinated with EU.

Wildlife Impacts:

- Watch for and avoid vehicle collisions with wildlife.
- Remove all personal & response trash or anything that would attract wildlife to work areas.
- Any fish or wildlife injured or killed during response activities, or discovery of these killed or injured resources during response operations, must be reported to the appropriate Wildlife Agency for proper determination and action.
- All oiled wildlife (dead or alive) should be reported immediately to the appropriate Wildlife Agency.
- Report any distressed or dead marine mammals or sea turtles to the stranding networks:

Documentation & Forms

Ref: NDOW "Natural Disaster Orphan Container Recovery in Sensitive Coastal Habitats of Texas"

Intrusive activity (other than an airboat)	*Texas Operations Check Sheet for Container Recovery in Sensitive Coastal Habitats* (NDOW Attachment E)
Impacts to fish and wildlife	*TPWD's Fish Kill and Injured/Oiled Wildlife Form* (NDOW Attachment G)
Operations in Sensitive Areas	*Documentation of Operations in Sensitive Coastal Habitats* (NDOW Attachment F)

For Specific Response Activities

Aerial Operations:

- Avoid hovering or landing aircraft in/near posted bird sites or areas with high bird concentrations.
- No flights below 500 feet over Wildlife Refuges, Management Areas, National Parks or 1,000 feet over bird rookeries.
- Removal by helicopter should be considered if the container is located in the middle of an expanse of marsh in which access will result in a high impact to the resource.

Open-water Operations (includes intertidal):

- Do not block major egress points in channels, rivers, passes, and bays during assessment and recovery operations.
- Access over or into areas containing oyster beds should be restricted to shallow draft boats or barges. Care should be taken to avoid prop washing.
- Water channels shall be used for navigation through the marshes. Under no circumstances shall vessels run over the top of or across the marsh grasses. Stopping or landing a vessel on top of the marshes is prohibited.
- All vessel approaches to the marshes shall be limited to grounding the bow of the vessel on the fringe of the marsh, avoiding landing directly on top of the marsh grasses as much as possible.
- Special Use Permits are required for conducting Air Boat operations in National Wildlife Refuges. Contact EU to ensure proper permits have been obtained.
- When operating motor vessels over sea grass, always employ vessels of appropriate size and draft to minimize impact to grasses, roots, and sediments and avoid any unnecessary disturbance.
- If using Air Boats, maintain a distance of 1,000 feet from high bird use areas to minimize disturbance.
- Monitor boom, lines & underwater equipment regularly to prevent fish/wildlife entanglement/entrapment.
- If a sea turtle or marine mammal is observed trapped or entangled in a boom, line, or anchoring systems, open the boom to free the animal and notify the Wildlife Branch & Environmental Unit.
- Watch for and avoid collisions with sea turtles and dolphins.

Land-based Operations (includes river levees and spoil banks):

- Minimize ground-disturbing activities to as small an area as feasible to complete the task.
- Avoid posted/marked or other high bird use areas and minimize activities in critical habitat areas for Endangered Species.

When working on/near sand beaches, do not disturb Piping Plovers or Red Knots (**if they flush, you are too close**). Report any stranded, injured or signs of sea turtle nesting locations to EU or Planning immediately.

<u>Marsh Operations</u> - Protect marsh vegetation & associated soils by doing the following:

- Maximize use of open water, dikes, existing roads and trails and stay away from undisturbed marsh.
- Avoid disturbing vegetation, marsh soils, or peat with foot traffic/boats/equipment.
- Access into marshes should be minimized to avoid disturbing the root systems that could lead to shoreline erosion, water quality degradation, and turbidity. Landings should be made outside of marshes or in areas of the least density.
- Vehicles with wide tracks, wide tires, or specially designed and temporary mats should be used to spread out the weight of equipment and reduce compression.
- Do not create unnatural ruts, channels, dikes or drainage routes and do not re-use previously made tracks. Multiple trips through the same area should be avoided. Plan ahead to reduce trips. Ruts will occur regardless of precautions taken, so be prepared to repair them. Air boats can be effective in smoothing ruts.
- Use care around bank and shoreline crossings at canals, natural water bodies and ditches.
- Travel corridors should be as narrow as possible with designed turn around area. Stay within designated access or travel lanes when present.
- Minimize removal of clean sediment, seaweed and natural debris. Replace removed materials, if practical.
- Use low-pressure tire vehicles (e.g. ATVs, Gators) when practical and consult with the EU to minimize impact
- Avoid posted/marked or other high bird use areas and minimize activities in critical habitat areas for Endangered Species.
- Activities that may require removal of forested and shrub or scrub habitat should be minimized.
- Any foot traffic access to the marshes shall avoid oiled grasses and sediments and utilize one-way-in and one-way-out traffic with walking boards in travel lanes and crosswalks on the marsh.
- All foot traffic in oiled marshes will be done on the walking boards, with no direct foot traffic in the marsh. Walking boards should not be placed in un-oiled marsh areas, and no foot traffic or other entry by response personnel or equipment should occur in these un-oiled areas unless approved by the Unified Command.
- If pollution target location is inaccessible or access with heavy equipment would result in unacceptable habitat damage relative to that posed by the pollution threat, then specialized operations may be needed to minimize impacts. Such operations shall be closely coordinated with Environmental Unit.
- Water channels shall be used for navigation through the marshes. Under no circumstances shall vessels run over the top of or across the marsh grasses. Stopping or landing a vessel on top of the marshes is prohibited.
- Equipment should be washed/cleaned after leaving each site to avoid the transfer of invasive species to the next location.

Hurricane Harvey ESF10 NRC Report Monitoring Protocol - USCG

Background

Hurricane Harvey made landfall at 2300 ET, August 25, 2017, as a Category 4 storm near Rockport, Texas. Harvey stalled over southeastern TX. Due to its slow motion and a prolonged period of onshore flow, the impacted areas received more than 50 inches of precipitation which subsequently led to catastrophic flooding.

An ESF-10 Mission Assignment was signed on August 28, 2017. The US Environmental Protection Agency (EPA), Texas Commission on the Environmental Quality (TCEQ), Texas General Land Office (TGLO) and the US Coast Guard (USCG) have entered into Unified Command to begin the evaluation, clean-up and recovery of spills, releases and orphan containers. On September 4th a separate ESF-10 Mission Assignment was issued to the USCG for the assessment and mitigation of oil and hazmat pollution threats on the navigable waters and adjoining shorelines. The USCG Mission Assignment was amended to have a start date of August 28, 2017.

On September 02, 2017, the USCG D8 Commander designated Captain Dailey as the Incident Specific Federal On-Scene Coordinator for the ESF10 pollution response for the state of Texas. As such, the FOSC is responsible for mitigation of environmental issues associated with pollution caused by Hurricane Harvey. It is recognized that reports of pollution related to Hurricane Harvey will be made to the National Response Center and distributed to the appropriate pre-designated FOSCs. In addition, it is recognized that reports of pollution unrelated to Hurricane Harvey will be made to the NRC and distributed to the appropriate pre-designated FOSC.

USCG Sector command centers are staffed 24/7 and receive, monitor and initiate immediate/appropriate actions. The ESF10 ICP is tasked with mitigating pollution as a result of Hurricane Harvey throughout the AORs of Sector Corpus Christi, Sector Houston/Galveston and MSU Port Arthur, each having a pre-designated FOSC. However, the ESF10 ICP does not maintain a 24/7 command center and does not receive NRC reports. It is paramount that the ESF10 ICP and the pre-designated FOSC in Corpus, Houston and Port Arthur maintain regular communication to ensure appropriate action is initiated on all NRC reports, whether hurricane related or not.

The following NRC report monitoring protocol has been established to:

- Ensure all NRC Pollution Reports relevant to USCG jurisdiction are appropriately acted upon and documented
- Ensure close coordination and information sharing between Sector IMD and ESF10 Branch operations to ensure appropriate and timely actions are initiated.

ESF10 NRC Report Monitoring Protocol

- NRC Reports will continue to be received by the Sector Command Centers and District Command Centers.
- Command Centers shall use their normal standard operating procedures and QRCs to make appropriate internal and/or external notifications

- Pollution NRC Reports shall be passed to Sector IMD per normal SOPs and policy
- Sector IMD shall initiate an appropriate pollution investigation and/or response under normal Sector SOPs and policy and initiate appropriate MISLE documentation.

- If/when the Sector IMD personnel discover that the pollution incident may be the result of Hurricane Harvey, Sector IMD personnel should initiate appropriate actions to secure the source in accordance with normal SOPs and policy then notify the ESF10 Branch Director to coordinate an appropriate follow on actions in accordance with ESF10 Unified Command approved plans and direction.

- If Hurricane Harvey related, ESF10 Branch will record the appropriate information in accordance with the NDOW protocol, create the NDOW pollution target in Response Manager Database, and take appropriate response actions in accordance with ESF10 Unified Command approved plans and direction. These actions will be funded by the DPN.

- If it is non-Hurricane related, Sector IMD will initiate/coordinate an appropriate investigation and response per standard USCG operating procedures and policies. These actions will be funded (if needed) by a CPN or FPN opened under the authority of the FOSC.

- Sector IMD and ESF10 Branch Director shall maintain regular communication to ensure NO pollution reports fall through the cracks. At no time should Sector IMD and/or ESF10 Branch assume that the other is taking action on an NRC Pollution Report.

/S/ CDR Hutley
ESF10 Incident Commander
Incident Specific FOSCR

Harvey ESF-10 US Coast Guard Documentation Guidance
Updated 21SEP2017

Background

On August 28, 2017 the Federal Emergency Management Agency (FEMA) issued the ESF-10 Mission Assignment to the Environmental Protection Agency (EPA). The US Coast Guard was brought in for technical expertise and identified as a member of the Unified Command. Additionally, the Coast Guard was given a Mission Assignment under the same Emergency Support Function to remove pollution threats from the waterway. Though the EPA is responsible for the big picture of this Emergency Support Function, the Coast Guard has a responsibility under the Mission Assignment to provide documentation to the EPA via Response Manager and provide cost documentation to the National Pollution Funds Center for vessel removal under Mission Assignment 1509-237911.

Field Documentation

Response Manager is being utilized to store data submitted by the field for the ESF-10 mission. The data, as submitted, satisfies the Coast Guard document retention requirement from the field, with the exception of:

- ICS-214 forms are still required for all removal activity. These should be:
  1. Scanned and emailed to HarveyESF10@uscg.mil; and
  2. Submitted with the Cost Documentation package generated out of each Branch, in accordance with Hurricane Harvey ESF-10 Environmental Threat Removal Guide.

Daily Check-In Documentation

The Documentation Unit will also scan and store a digital copy of Daily Check-In Sheets for USCG personnel from Unified Command and each of the branches.

- For Unified Command and Alpha Branch, the Documentation Unit will receive copies of Check-In Sheets from RESL.
- For Bravo Branch and Charlie Branch, Check-In Sheets can be emailed to: HarveyESF10@uscg.mil.

Unified Command Documentation

The following information will be collected and maintained at the ESF-10 Incident Command Post:

- Incident Action Plans,
- Situation Reports,
- Unified Command Plans, and
- Executive Summaries.

Vessel Removal Cost Documentation

Cost Documentation packages for vessel removal will be collected by the Finance Section. Ultimate disposition of the original cost documentation will be at the National Pollution Funds Center (NPFC) in accordance with the agreed upon command direction for tracking vessel removal cost. Prior to sending the cost documentation package to NPFC, Documentation at the ESF-10 ICP will scan each package.

Talking Points

23SEP2017

DO: TALK ABOUT YOUR WORK AND WHAT YOU ARE DOING; AVOID “NO COMMENT”

DON’T: TALK ABOUT OTHERS’ WORK OR SPECULATE ON THINGS; STAY IN YOUR LANE

• The Texas General Land Office (GLO), the Coast Guard, the Texas Commission on Environmental Quality (TCEQ) and the Environmental Protection Agency (EPA) have been fully integrated into a Unified Command (UC) to respond to impacts from Hurricane Harvey along the Texas coastline.

• The Coast Guard is supervising the removal of sunk, derelict and displaced vessels for the GLO in accordance with the National Response Framework Emergency Support Function (ESF)-10 Mission Assignment.

• Safety is always the Unified Command’s top priority.

• The Hurricane Harvey ESF-10 Texas command structure ensures a unified approach to addressing hurricane related pollution threats through a coordinated Federal, state and local response structure.

• The Unified Command has transitioned to vessel mitigation and removal, which involves GLO / CG joint field observation teams supervising vessel removal and off loading at staging areas to ensure that best practices, along with contracting and safety requirements are being met to support the mission of the Unified Command.

• TGLO has established a vessel recovery information hotline (877) 458-9377 and is overseeing contracting for vessel staging areas.

• The EPA has deployed Community Liaison teams to provide information to citizens returning back to flooded areas after evacuating and handling household hazardous waste.

The teams are listening to concerns from communities regarding recovery efforts and transferring this information back through the Joint Field Office and to the appropriate agency contacts.

Instructions for Field Personnel:

For Hurricane Harvey ESF-10 media inquiries call 361-444-3652

For EPA specific media inquiries contact Gray.David@epa.gov

1. Incident Name:	2. Operational Period: (Date / Time)	"Safety Message"
Hurricane Harvey – ESF 10 Texas	From: 09-23-17 @ 0700 To: 09-25-17 @ 0700	

Major Hazards and Risks: DO NOT BECOME COMPLACENT!

Driving	Electrical Hazards	Crane Operation	Slips, Trips, and Falls
Thermal Stresses	Hazardous Materials	Insects	Fire/Explosions
Fatigue	Drowning	Weather/lightning	Structural Integrity

Personal Hygiene – Minimize contact with contamination. Ensure that you wash with soap and clean water if you have any accidental contact. Wash your hands before and after eating and using the toilet.

Poison Control Number: 1-800-222-1222. Do not wait for the victim to look or feel sick.

Defensive Driving – Be vigilant at intersections and in heavy traffic. Check for inclement weather when driving out in the field and insure that you inspect your vehicles. Watch for standing water during downpours and slow down to prevent hydroplaning. Secure your valuables in the trunk, take your keys, and lock your vehicle. Be careful when driving in areas with debris piles and utility crews. Make sure the road is clear and watch out for drivers entering the road that may not see you due to the debris piles.

HOT & HUMID!!! - Don't Forget To Drink Water! -. When the heat index is around 100 F drink 1 cup of water every 15-20 minutes. During prolonged sweating lasting several hours, drink sports drinks containing balanced electrolytes. Use sunscreen and take a break in the shade. **Signs and symptoms of heat exhaustion –** cool, moist skin; heavy sweating; headache; nausea or vomiting, dizziness; light-headedness; weakness, thirst; irritability; elevated body temperature; decreased urine output.

Who To Call! Address any Safety concerns to:

- UC – SOFR Edward Primeau 609-351-7148
- Alpha Branch – Karen Aquino, 757-773-3032.
- Bravo Branch – Justin Sawyer, 904-755-4860. Lucas Manchego, 817-715-9996
- Charlie Branch – Greg Halter 910-616-4782. Michael McClantoc 228-437-6425.

Boating Safety – Complete the Float Plan. Observe boating safety requirements and enforce PFD wear for all occupants of vessels and during shoreline/dock ops. Do not overload the boat! Expect safety brief from the boat captain prior to launch and follow their instructions.

Dive Operations – Dive Supervisor is responsible for the safety of all personnel. All visitors must wear approved life jacket or high visibility vest, hard hat, safety glasses, and safety toed shoes. Visitors must read and sign the Safety Plan Acknowledgement Sheet. Visitors shall comply with Dive Supervisor's instructions.

When Thunder Roars, Go Indoors. There is a threat of thunderstorms in the area. Take shelter when you hear thunder or when lightning is reported within five miles of the work site. Stay sheltered for at least 30 minutes after the last sound of thunder.

BURNS – There may be burning of debris in the affected areas. Smoke may limit visibility in the area. There may be burning of plastics producing toxics in the smoke. Stay out of the smoke plume!

BE SAFE – BE EFFECTIVE – BE POSITIVE

Get Texas back to normal!

Loyalty
Purity
Bravery

Incident Name:
Hurricane Harvey – ESF 10 Texas
Operational Period: 09/23/17 to 09/25/17
Prepared by: Maggie Valentine-Graham
Date: 09/22/17
Time: 1600

Incident Command
Gary Moore, EPA
Nick Brescia, EPA (9/23)
Anthony Buck, TCEQ
Jimmy Martinez, TGLO
CDR Tedd Hutley, USCG
Deputy, LCDR Joel Ferguson, USCG
Deputy Brent Koza, TGLO
Deputy Susan Fisher, EPA
C000

Liaison Officer
LCDR Melissa Owens, USCG
C160

Public Information Officer
PAC Susan Blake, USCG
PAC John Mason, USCG
C140

Safety Officer
Edward Primeau, USCG
C130

Data Support Coordinator
Jeff Pritchard, EPA

Operation Section
Joe Davis, EPA
LT Jacqueline Fitch, USCG
Bruce Simons, TGLO
(See Next Page)
O000

Alpha Branch
(Corpus Christi)
(See Next Page)
OB00

Bravo Branch
(Houston)
(See Next Page)
OC00

Charlie Branch
(Port Arthur)
(See Next Page)
OD00

Planning Section
Maggie Waldon, EPA
CWO Pete Gollnick, USCG
P500

Resources Unit
Maggie Valentine, START
YN1 Julie Bosman, USCG
AUX Patrick Hickey, USCG
P510

Situation Unit
LT Brian Churchill, USCG
AUX Kevin Cady, USCG
P520

Documentation Unit
Carla Hope, TCEQ
Simone Butler, TGLO
Gena Good, START
BM1 Carolyn Olson, USCG
P530

Data Management Unit
Matt Loesel, EPA
Ping Yang, START
P570

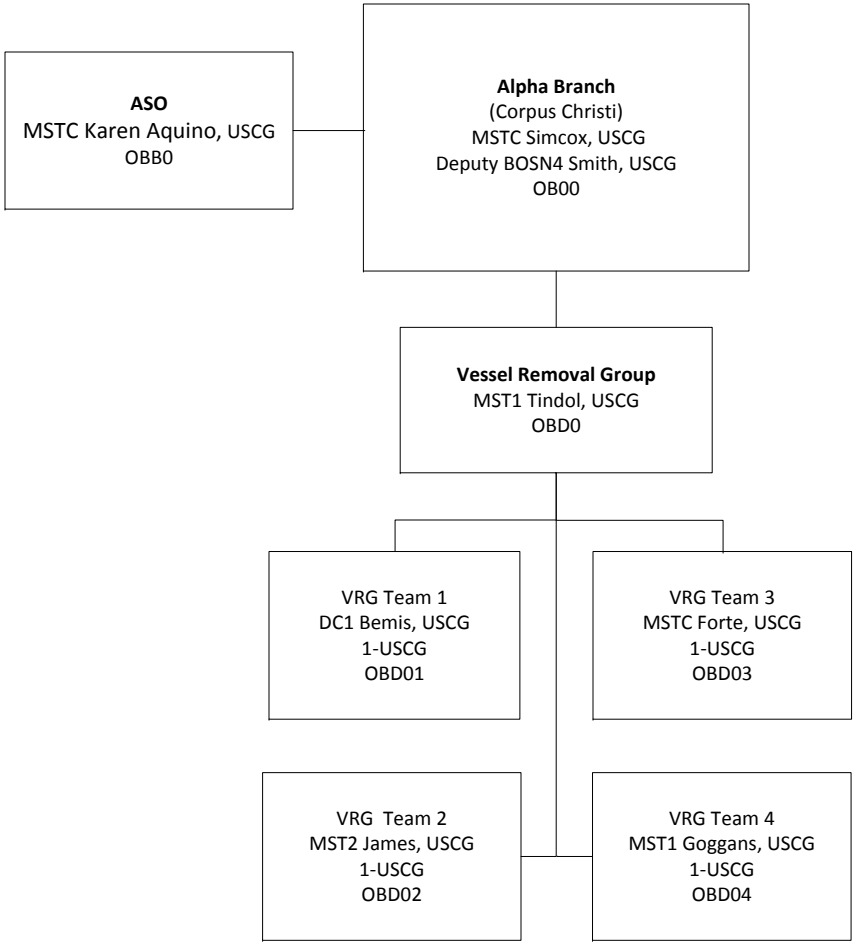
GIS Specialist
Zack Collins, START
P560

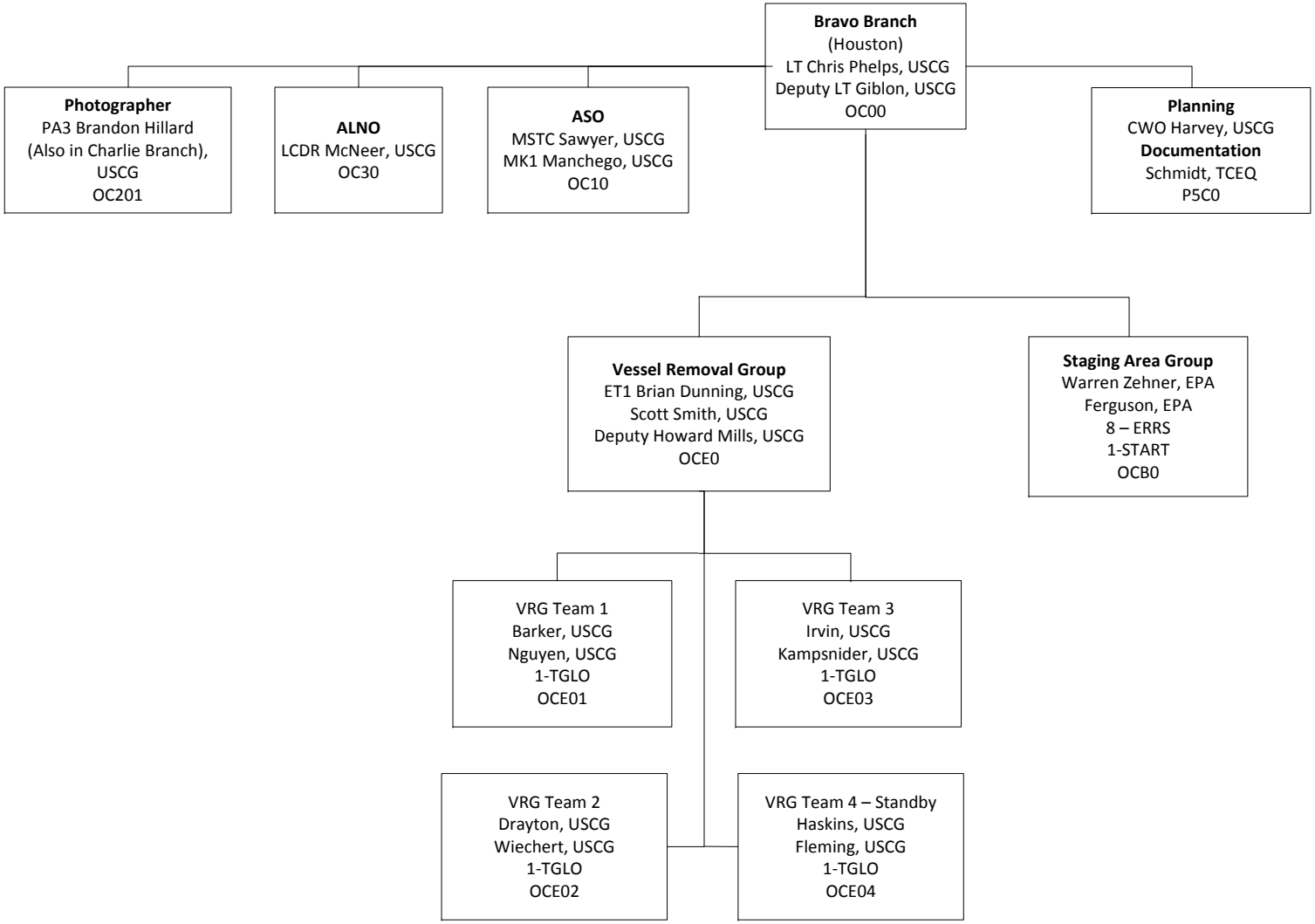
Demobilization Unit
MST2 Stephen McConnell (USCG)
Gena Good, START
(EPA, START, Other)
Tori Gomez, START
P540

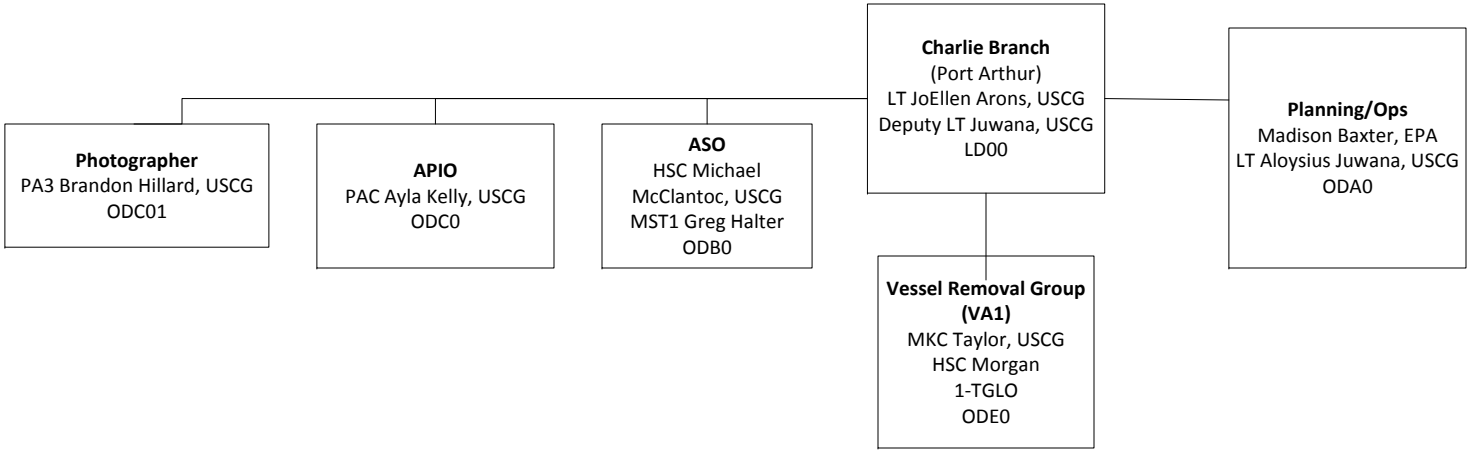
Logistics Section
LCDR Jim Erickson, USCG
CWO Sarah Case, USCG
Terry Sullivan, TCEQ
L300

Finance Section
CWO Rob Martin, USCG
F200

Cost & Time Unit
MSTC Anne Marie Borkowski, USCG
F220


ASO
MSTC Karen Aquino, USCG
OBB0
Alpha Branch
(Corpus Christi)
MSTC Simcox, USCG
Deputy BOSN4 Smith, USCG
OB00
Vessel Removal Group
MST1 Tindol, USCG
OBD0
VRG Team 1
DC1 Bemis, USCG
1-USCG
OBD01
VRG Team 3
MSTC Forte, USCG
1-USCG
OBD03
VRG Team 2
MST2 James, USCG
1-USCG
OBD02
VRG Team 4
MST1 Goggans, USCG
1-USCG
OBD04


Bravo Branch
(Houston)
LT Chris Phelps, USCG
Deputy LT Giblon, USCG
OC00
Photographer
PA3 Brandon Hillard
(Also in Charlie Branch),
USCG
OC201
ALNO
LCDR McNeer, USCG
OC30
ASO
MSTC Sawyer, USCG
MK1 Manchego, USCG
OC10
Planning
CWO Harvey, USCG
Documentation
Schmidt, TCEQ
P5C0
Vessel Removal Group
ET1 Brian Dunning, USCG
Scott Smith, USCG
Deputy Howard Mills, USCG
OCE0
Staging Area Group
Warren Zehner, EPA
Ferguson, EPA
8 – ERRS
1-START
OCB0
VRG Team 1
Barker, USCG
Nguyen, USCG
1-TGLO
OCE01
VRG Team 3
Irvin, USCG
Kampsnider, USCG
1-TGLO
OCE03
VRG Team 2
Drayton, USCG
Wiechert, USCG
1-TGLO
OCE02
VRG Team 4 – Standby
Haskins, USCG
Fleming, USCG
1-TGLO
OCE04


Charlie Branch
(Port Arthur)
LT JoEllen Arons, USCG
Deputy LT Juwana, USCG
LD00
Planning/Ops
Madison Baxter, EPA
LT Aloysius Juwana, USCG
ODA0
Photographer
PA3 Brandon Hillard, USCG
ODC01
APIO
PAC Ayla Kelly, USCG
ODC0
ASO
HSC Michael
McClantoc, USCG
MST1 Greg Halter
ODB0
Vessel Removal Group
(VA1)
MKC Taylor, USCG
HSC Morgan
1-TGLO
ODE0

1. Incident Name:	2. Operational Period: (Date / Time)	ASSIGNMENT LIST ICS 204 - EPA
Hurricane Harvey – ESF 10 Texas	From: 09/23/17@ 0700 To: 09/25/17@ 0700	

3. Branch:	4. Division/Group/Staging:
ALPHA	VESSEL REMOVAL GROUP

5. Operations Personnel:

ICS Position	Name	Affiliation	Contact # (s)
Operations Section Chief:	LT JACQUELINE FITCH DEPUTY JOE DAVIS DEPUTY BRUCE SIMONS	USCG EPA TGLO	415-720-4170 816-718-4279 361-438-4916
Branch Director:	MSTC ROBERT SIMCOX BOSN4 JAMES SMITH	USCG USCG	774-929-0763 251-644-1785
Group Supervisor:	MST1 TINDOL	USCG	251-423-4134

6. Resources Assigned: "X" indicates 204a attachment with additional instructions

Strike Team/Task Force/ Resource Identifier	Leader	Contact Info. #	# of Persons	Reporting Info/Notes/Remarks	
VRG1	DC1 BEMIS	904-738-4785	2	Hourly	☐
VRG 2	MST2 JAMES	252-339-6667	2	Hourly	☐
VRG 3	MSTC FORTE	413-841-2197	2	Hourly	☐
VRG 4	MST1 GOGGANS	251-525-7156	2	Hourly	☐

7. Work Assignments:

VRG 1 – Monitor and document vessel recovery in Response Manager for Alpha Branch Area 1.
Sat- C. Bemis, Delaney/ Sun- Delaney, T. Bemis
VRG 2 – Conduct contractor safety and monitoring of dive operations at Conn Brown Harbor
Sat- Hendry, O'Donnell/ Sun- O'Donnell, James
VRG 3 - Monitor and document vessel recovery in Response Manager for Alpha Branch Area 2.
Sat- Forte, Sidik/ Sun- Sidik, Russell
VRG 4 - Monitor and document vessel recovery in Response Manager for Alpha Branch Area 3.
Sat- Goggans, Buswell/ Sun- Buswell, Jennings
ALL TEAMS: If approached while in the field by a vessel owner/operator having questions in regards to their vessel have them contact the TGLO Vessel Owner Hotline. 1.877.458.9377

8. Special Instructions:

Drive defensively. When the heat index is around 100 F drink 1 cup of water every 15-20 minutes. Generally, fluid intake should not exceed 6 cups per hour. During prolonged sweating lasting several hours, drink sports drinks containing balanced electrolytes. **Signs and symptoms of heat exhaustion** – cool, moist skin; heavy sweating; headache; nausea or vomiting, dizziness; light-headedness; weakness, thirst; irritability; elevated body temperature; decreased urine output. Required PPE includes life jacket (on or near the water) or high visibility vest, hard hat, safety glasses, safety toed shoes. Read and sign the Dive Safety Plan Acknowledgement Sheet. Comply with Dive Supervisor's instructions. Address any Safety concerns to MSTC Karen Aquino, 757-773-3032. **Critical Information Reporting (CIR)** All teams shall immediately report any active discharge and/or release to the National Response Center, 1-800-832-8224, and Operations Branch Chief.
SITREP: Contact SITL prior to 1200 and 1600 at 361-236-2510

9. Communications (radio and/or phone contact numbers needed for this assignment):

Name/Function	Radio: Freq./System/Channel	Phone	Cell/Pager

Emergency Communications: 911 / SO USCG (757) 773-3032 / OPS CHIEF: (214)-789-8383 / SITL (361)-236-2510

10. Prepared by:	(Date / Time)	11. Reviewed by: (PSC)	(Date / Time)	12. Reviewed by: (OPS)	(Date / Time)
MK1 Charles Smith	9/22/17 1500	Maggie Waldon MW CWO Pete Gollnick PGC	9/22/17 1927 9/22/17 1928	LT Jacqueline Fitch	9/22/17

1. Incident Name:	2. Operational Period: (Date/Time)	ASSIGNMENT LIST ICS 204 - EPA
Hurricane Harvey – ESF 10 Texas	From: 09/23/17 @ 0700 To: 09/25/17 @ 0700	

3. Branch:	4. Division/Group/Staging:
BRAVO	STAGING AREA GROUP

5. Operations Personnel:

ICS Position	Name	Affiliation	Contact # (s)
Operations Section Chief:	LT JACQUELINE FITCH DEPUTY JOE DAVIS DEPUTY BRUCE SIMONS	USCG EPA TGLO	415-720-4170 816-718-4279 361-438-4916
Branch Director:	LT CHRIS PHELPS DEPUTY LT GIBLON	USCG USCG	850-748-3809 251-285-8023
Group Supervisor:	WARREN ZEHNER	EPA	214-789-1585

6. Resources Assigned: "X" indicates 204a attachment with additional instructions

Strike Team/Task Force/ Resource Identifier	Leader	Contact Info. #	# of Persons	Reporting Info/Notes/Remarks	
Staging Area Team	Ferguson – EPA (demob 9/23/17)	913-669-5482	2 EPA 8 ERRS 1 START	Report as needed	☐

7. Work Assignments:

Preparing for T&D of orphan containers at the Bravo pad located at 2200 Dorsett Street in Houston.
To process, categorize, bulk, and dispose of any and all found hazardous containers. Collect samples from containers and conduct field screening. For personnel working at the Hazardous Materials Staging Pads, the Staging Group Supervisor must make certain that daily personnel training address the care, use and/or testing of all PPE used at the site, the medical surveillance program, the standard operating procedures for the hazardous materials team including the use of plugging and patching equipment and other subject areas, and any sampling and/or monitoring equipment used at the sites. Information must be posted at the site regarding where and how to obtain additional assistance if required. All personnel should be familiar with the local areas emergency response capabilities. The Site should be adequately secured and monitored to prevent access by unauthorized personnel. HAZCAT containers for T&D.
ALL TEAMS: If approached while in the field by a vessel owner/operator having questions in regards to their vessel have them contact the TGLO Vessel Owner Hotline. 1.877.458.9377

8. Special Instructions:

Drive defensively and be vigilant at intersections and in heavy traffic. Increase visibility when stopped alongside the road for field operations with headlights and hazards on and vehicle off roadway. Observe boating safety and enforce PFD wear for all occupants of vessels and during shoreline/dock ops. Confirm solid footing in debris/vegetation with oars before exiting vessels. Hydrate regularly, replenish electrolytes and calories often, take breaks, and get adequate rest. Reapply sunscreen and insect repellant at least once per day. Continue periodic communication with supervisors. Maintain professionalism - treat others with dignity and respect at all times. Approach hazards from upwind and uphill while maintaining safe distance. Impacted wildlife needs to be documented on the NDOW Fish Kill and Injured Wildlife Form and submitted to the Group Supervisor. For animal control issues call 911 or the local police dispatch - DO NOT approach any animal or wildlife. If teams find weapons or ammunition, call 911 or local law enforcement.
T&T POC Cellular – 409-692-1939 Robbie Dison
LAREDO POC Cellular 713-253-4333 Jules Knoulton
Critical Information Reporting (CIR): All teams shall immediately report injuries or accidents to the **Safety Officer – MSTC Sawyer:** 904-755-4860. Report any active discharge or HAZMAT release to the Operations Branch Chief.

9. Communications (radio and/or phone contact numbers needed for this assignment):

Name/Function	Radio: Freq./System/Channel	Phone	Cell/Pager

Emergency Communications: 911 / SO MSTC Sawyer, USCG 904-755-4860 / Roberto Bernier, EPA 214-665-8376

10. Prepared by: (RESL)	(Date/Time)	11. Reviewed by: (PSC)	(Date/Time)	12. Reviewed by: (OPS)	(Date/Time)
EPA Joe Davis	9/22/17	Maggie Waldon MW CWO Pete Gollnick PG	9/22/17 1927 9/22/17 1922	LT Jacqueline Fitch Jacqueline Fitch	9/22/17

1. Incident Name:	2. Operational Period: (Date/Time)	ASSIGNMENT LIST ICS 204 - EPA
Hurricane Harvey – ESF 10 Texas	From: 09/23/17 @ 0700 To: 09/25/17 @ 0700	

3. Branch:	4. Division/Group/Staging:
BRAVO	VESSEL REMOVAL GROUP

5. Operations Personnel:

ICS Position	Name	Affiliation	Contact # (s)
Operations Section Chief:	LT JACQUELINE FITCH DEPUTY JOE DAVIS DEPUTY BRUCE SIMONS	USCG EPA TGLO	415-720-4170 816-718-4279 361-438-4916
Branch Director:	LT CHRIS PHELPS DEPUTY LT ERIN GIBLON	USCG USCG	850-748-3809 850-292-0072
Group Supervisor:	ET1 BRIAN DUNNING SCOTT SMITH DEPUTY HOWARD MILLS	USCG USCG USCG	305-587-5701 760-803-1011 317-777-8129

6. Resources Assigned: **"X" indicates 204a attachment with additional instructions**

Strike Team/Task Force/ Resource Identifier	Leader	Contact Info. #	# of Persons	Reporting Info/Notes/Remarks	
VRG 1	Barker –USCG Nguyen – USCG TGLO		2	Every 2 hours	☐
VRG 2	Drayton – USCG Wiechert – USCG TGLO		2	Every 2 hours	☐
VRG 3	Irvin – USCG Kampsnider – USCG TGLO		2	Every 2 hours	☐
VRG 4	Haskins – USCG Fleming – USCG TGLO		na		☐

7. Work Assignments:

VRG 1 – Monitor and document vessel recovery in Response Manager.
VRG 2, 3 – Teams awaiting vessel recovery operations, on call to support vessel follow up assignments.
VRG 4 – Standby Team for any reports of active discharges.
ALL TEAMS - Respond to any reports of active pollution discharges, conduct patrols as tasked by DIVS and monitor recovery operations. Populate the NDOW software, prioritize and conduct assessment of the assigned targets. Utilize the NDOW SOP and document targets utilizing Response Manager via a laptop/PDA/Hazard Evaluation Field Data Sheet. All teams must download and sync information daily and complete a 214B to document field team activities.
ALL TEAMS: If approached while in the field by a vessel owner/operator having questions in regards to their vessel have them contact the TGLO Vessel Owner Hotline. 1.877.458.9377

8. Special Instructions:

Drive defensively and be vigilant at intersections and in heavy traffic. Increase visibility when stopped alongside the road for field operations with headlights and hazards on and vehicle off roadway. Observe boating safety and enforce PFD wear for all occupants of vessels and during shoreline/dock ops. Confirm solid footing in debris/vegetation with oars before exiting vessels. Hydrate regularly, replenish electrolytes and calories often, take breaks, and get adequate rest. Reapply sunscreen and insect repellant at least once per day. Continue periodic communication with supervisors. Maintain professionalism - treat others with dignity and respect at all times. Approach hazards from upwind and uphill while maintaining safe distance. Impacted wildlife needs to be documented on the NDOW Fish Kill and Injured Wildlife Form and submitted to the Group Supervisor. For animal control issues call 911 or the local police dispatch - DO NOT approach any animal or wildlife. If teams find weapons or ammunition, call 911 or local law enforcement.
T&T POC Cellular – 409-692-1939 Robbie Dison
LAREDO POC Cellular 713-253-4333 Jules Knoulton
Critical Information Reporting (CIR): All teams shall immediately report injuries or accidents to the **Safety Officer - MSTC Sawyer:** 904-755-4860. Report any active discharge or HAZMAT release to the Operations Branch Chief.

9. Communications (radio and/or phone contact numbers needed for this assignment):

Name/Function	Radio: Freq./System/Channel	Phone	Cell/Pager
Emergency Communications: 911 / SO MSTC Sawyer, USCG 904-755-4860 / Dunning, USCG 305-587-5701			

10. Prepared by: (RESL)	(Date/Time)	11. Reviewed by: (PSC)	(Date/Time)	12. Reviewed by: (OPS)	(Date/Time)
EPA Joe Davis	9/22/17	Maggie Waldon CWO Pete Gollnick	9/22/17 9/22/17	LT Jacqueline Fitch	9/22/17

1. Incident Name:	2. Operational Period: (Date / Time)	ASSIGNMENT LIST ICS 204 - EPA
Hurricane Harvey – ESF 10 Texas	From: 09-23-17 @ 0700 To: 09-25-17 @ 0700	
3. Branch:	**4. Division/Group/Staging:**	
CHARLIE	VESSEL REMOVAL GROUP	

5. Operations Personnel:

ICS Position	Name	Affiliation	Contact # (s)
Operations Section Chief:	LT JACQUELINE FITCH DEPUTY JOE DAVIS DEPUTY BRUCE SIMONS	USCG EPA TGLO	415-720-4170 816-718-4279 361-438-4916
Branch Director:	LT JOELLEN ARONS DEPUTY LT JUWANA MIKE MCATEER	USCG EPA	609-351-8503 214-354-9371
Group Supervisor:	MKC TAYLOR	USCG	858-218-4463

6. Resources Assigned: **"X" indicates 204a attachment with additional instructions**

Strike Team/Task Force/ Resource Identifier	Leader	Contact Info. #	# of Persons	Reporting Info/Notes/Remarks	
VA 1	Leader – HSC Morgan 1 - USCG 1 - TGLO	860-912-3249	2	Standby for Vessel Assessment	☐
					☐
					☐

7. Work Assignments:

VA 1 - On call to support vessel follow up assessments and oversee RP vessel removal operations.

8. Special Instructions:

Pass GAR score to Group Sup prior to getting underway along with a phone call at 1100 reporting ops and position. Pass all information that could aid decision makers in planning for the next operational period.

All Health and Safety incidents need to be reported to the **Safety Officer** for investigation. Keep hydrated by drinking 1 cup of water every 15-20 minutes. Take breaks as needed in a shaded area. Ensure you wear the appropriate PPE for your task (i.e. hard hats, gloves, safety glasses, safety boots, and PFDs). Use sunscreen and insect repellant. Ensure air monitoring instruments are operational and used during assessments. Impacted wildlife needs to be documented on the NDOW Fish Kill and Injured Wildlife Form and submitted to the Group Supervisor. Contact animal control if you find distressed animals - DO NOT attempt to approach or catch even domestic animals. Maintain teamwork - use the buddy system! If you see a lightning strike within 5 miles, shelter for at least 30 minutes after hearing last thunder roll. **SOFR – GREG HALTER, CG – 910-616-7782.**
Critical Information Reporting (CIR) All teams shall immediately report injuries, mishaps to SOFR, and report any active discharge and/or release to the Operations Branch Chief.
ALL TEAMS: If approached while in the field by a vessel owner/operator having questions in regards to their vessel have them contact the TGLO Vessel Owner Hotline. 1.877.458.9377

9. Communications (radio and/or phone contact numbers needed for this assignment):

Name/Function	Radio: Freq./System/Channel	Phone	Cell/Pager

Emergency Communications: 911 / SO 910-616-7782 / DIVS – MKC Taylor 855-218-4463

Emergency Communications:

10. Prepared by: (RESL)	(Date / Time)	11. Reviewed by: (PSC)	(Date / Time)	12. Reviewed by: (OPS)	(Date / Time)
LT Arons	09/22/17	Maggie Walden CWO Pete Gollnick	09/22/17 1927 09/22/17 1928	LT Jacqueline Fitch	09/22/17

Last	First	Incident Position	Agency	Phone
Abreu	Aaron	Procurement Leader	USCG	(305) 766-0800
Alton	Josh	Alpha Operations Team Leader	USCG	(503) 939-3816
Aquino	Karen	Safety Officer	USCG	(757) 773-3032
Baynor	Richard	Alpha Operations Team Member	USCG	(252) 305-9090
Bemis	Anthony	Alpha Operations Team Member	USCG	(251) 680-8415
Bemis	Chistopher	Alpha Operations Team Leader	USCG	(904) 738-4785
Bingham	Cody	GIS Technical Specialist	START	(936) 499-1881
Blake	Susan	Public Information Officer	USCG	(646) 413-9888
Boge	Brooke	Cost Accountant	EPA	(206) 437-5499
Bolduc	Allison	Procurement Leader	USCG	(858) 472-2600
Borkowski	Ann Marie	Cost Unit Leader	USCG	(609) 346-9060
Bosman	Julie	Resources Unit Leader	USCG	(810) 531-6319
Brock	Bob	Deputy Incident Commander - Charlie	TGLO	(281) 960-5506
Buck	Anthony	Incident Commander	TCEQ	(512) 563-3935
Burroughs	Jacob	Alpha Branch FOSCR	USCG	(252) 312-5395
Buschang	Steve	Scientific Support Coordinator	TGLO	(512) 431-2232
Buswell	Jessye	Pollution Responder	USCG	(608) 469-1527
Butler	Simone	Documentation Unit Leader	TGLO	(361) 695-6661
Cady	Kevin	Situation Unit	USCG	(207) 329-9286
Case	Sarah	Logistics Section	USCG	(757) 303-8705
Caudle	Christopher	Alpha Operations Team Member	TCEQ	(956) 454-2664
Cavanagh	Michael	Finance Section Chief	USCG	(216) 394-8400
Churchill	Brian	Situation Unit Leader	USCG	(562) 209-1778
Clark	Heather	Alpha Branch FOSCR	USCG	(336) 406-4165
Collins	Zac	Technical Specialist - GIS	EPA	(406) 925-9134
Coppes	Bas	Salvage Master	GLOBAL	(713) 898-3317
Cox	Nate	Public Information Officer	USCG	(808) 426-6340
Crawford	Robert	Alpha Operations Team Member	ERRS-SWS	(60) 127-7891
Davis	Rebecca	Admin Unit Leader	USCG	(706) 506-8625
Davis	Daniel	Deputy Operations Section Chief	TGLO	(361) 438-4916
Davis	Joe	Operations Section Chief	EPA	(816) 718-4279
Delany	Alison	Alpha Operations Team Member	USCG	(267) 567-4721
DeMarco	Roland	Project Engineer	GLOBAL	(916) 531-0760
Dueǹes	James	Alpha Operations Team Member	TGLO	(361) 438-2593
Dulany	Austin	Alpha Operations Team Leader	TGLO	(361) 438-4914
Erickson	James	Deputy Logistics Section Chief	USCG	(901) 606-9729
Eubanks	Alden	Assistant Resource Unit Leader	USCG	(517) 902-7760
Ferguson	Joel	Deputy Incident Commander	USCG	(251) 680-9675
Fisher	Susan	Alpha Operations Team Member	EPA	(816) 718-4285
Fitch	Jacqueline	Deputy Operations Section Chief	USCG	(415) 720-4170
Flores	Pablo	Surveyor/subcontractor	GLOBAL	(361) 336-7315
Font	Henry	Finance Section	USCG	(301) 848-9213
Fontes	Alexander	Surveyor/subcontractor	GLOBAL	(281) 608-4620
Forte	Richard	Alpha Branch FOSCR	USCG	(413) 841-2197
Frey	Mark	Data Management-Corpus	START - Weston	(510) 761-5655
Garcia	Delia	Community Liaison	EPA	(473) 268-0966
Goggans	Walt	Alpha Operations Team Leader	USCG	(337) 349-4711
Gollnick	Peter	Deputy Planning Section Chief	USCG	(857) 207-0376

Last	First	Incident Position	Agency	Phone
Gomez	Tori	Planning Section	START	(469) 666-5504
Good	Gena	EPA Documentation	START	(603) 661-6243
Green	Luke	Alpha Operations Team Leader	USCG	(251) 259-8903
Harris	Robert	Alpha Operations Team Member	USCG	(907) 723-3457
Harrison	Dorelle	Community Liaison	EPA	(417) 234-2941
Hendry	Cliffton	Alpha Branch FOSCR	USCG	(704) 771-6261
Hickey	R. Patrick	Resources Unit	USCG	(303) 916-1713
Holderfield	Kyle	Asst Project Manager	GLOBAL	(979) 308-7437
Holz	Theresa	Alpha Operations Team Member	START	(708) 307-5106
Hutley	Tedd	Incident Commander	USCG	(609) 351-7142
James	Weldon	Alpha Operations Team Member	USCG	(252) 339-6667
Jennings	Peter	Pollution Responder	USCG	(216) 392-2100
Johnson	Joyce	Liaison	EPA	(214) 669-1428
Kennedy	Aisha	Situation Unit Leader	EPA	(415) 972-3301
Kerr	Michelle	Community Liason	EPA	(312) 886-8961
Klein	Donna	Alpha Operations Team Member	START	(210) 488-4782
Koza	Brent	Deputy Incident Commander	TGLO	(361) 438-4928
Loesel	Matthew	Planning	EPA	(202) 578-2125
Luschek	Robert	OPS Landfill	EPA	(859) 653-8278
Martin	Rob	Finance Section Chief	USCG	(415) 302-8855
Martinez	Jimmy	Incident Commander	TGLO	(361) 438-3833
McConnell	Stephen	Demob Unit Leader	USCG	(719) 440-9507
McDaniel	Frank	Alpha Operations Team Member	TGLO	(361) 903-4988
Moore	Gary	Incident Commander	EPA	(214) 789-1627
Nunez	Alex	Environmental Unit	TPWD	(361) 658-3181
O'Donnell	Brian	Alpha Operations Team Member	USCG	(251) 421-1891
Olsen	Carolyn	Documentation Unit Leader	USCG	(414) 899-7012
Owens	Melissa	Liaison	USCG	(504) 494-1168
Palit	Ted	Community Liaison	EPA	(972) 821-2434
Patenio	Caeszar	Alpha Operations Team Member	USCG	(619) 300-7334
Prichard	Danny	Alpha Operations Team Member	TCEQ	(832) 236-2525
Primeau	Ed	Safety Officer	USCG	(609) 351-7148
Pritchard	Jeff	Data Support	EPA	(816) 541-0031
Quintana-Hernandez	Lyndsey	Alpha Branch Pollution Responder	USCG	(281) 825-2954
Reardon	James	Alpha Operations team member	USCG	(857) 207-5756
Roberson	Thomas	Resources Unit	USCG	(206) 403-8483
Robertson	David	Liaison	EPA	(214) 399-8699
Russell	Stephen	Alpha Operations Team Member	USCG	(206) 403-8483
Sidik	Thomas	Alpha Operatons Team Member	USCG	(631) 664-4687
Simcox	Robert	Alpha Operations Team Member	USCG	(774) 929-0763
Simons	Bruce	Alpha Operations Team Member	TGLO	(361) 438-0379
Smith	Charles	Alpha Operations Team Member	USCG	(251) 487-6681
Smith	James	Alpha Branch Director	USCG	(251) 644-1785
Stevenson	William	Resources Unit - Driver	USCG	(510) 881-3568
Strawn	Chris	IT Specialist	TCEQ	(512) 573-8263
Sullivan	Terry	Logistics Section Chief	TCEQ	(512) 426-3016
Taylor	Austin	Liaison	TCEQ	(361) 537-7919
Telesford-Checkly	Judlyn	Alpha Operations Team Member	TCEQ	(979) 587-9989

Last	First	Incident Position	Agency	Phone
Tindol	Bret	Alpha Operations Team Member	USCG	(251) 423-4134
Traxler	Jonathan	Finance Section	USCG	(601) 543-3037
Umbrasas	Amanda	Finance Section	USCG	(858) 472-2900
Valentine	Greg	Liaison	EPA	(214) 665-3111
Valentine	Maggie	Planning Section	START	(907) 538-7699
Veselka	Jay	State OSC	TGLO	(361) 244-9229
Villareal	Chris	Community Liason Co-Lead	EPA	(214) 448-8670
Waldon	Maggie	Planning Section Chief	EPA	(415) 940-1109
Walton	Steven	Information Tech	TCEQ	(210) 842-2384
Wang	Pingyi	Data Manager	EPA	(972) 977-1684
Wenner	Rebecca	Community Liaison	EPA	(913) 551-7644
Whelan	Ann	Liaison Officer	EPA	(202) 578-0048
Wiatrek	Chris	Alpha Operations Team Member	TCEQ	(512) 605-9659
Williams	Herb	Superintendent	GLOBAL	(985) 807-3375
Williams	Anthony	Alpha Team Responder	USCG	(216) 233-5357
Wortman	Evan	Alpha Operations Team Member	ERRS-SWS	(303) 518-7339
Yarbro	Alexandria	Alpha Operations Team Member	USCG	(810) 278-5918
Yturbe	Bryce	Alpha FOSCR	USCG	(630) 877-6727

COMMUNICATIONS LIST (ICS 205A)

1. Incident Name: Hurricane Harvey-Bravo Branch	2. Operational Period: Date From: 09/22/17 Time From:	Date To: Tbd Time To:

3. Basic Local Communications Information:

Incident Assigned Position	Name (Alphabetized)	Method(s) of Contact (phone, pager, cell, etc.)
Branch director	LT Phelps	850-748-3809
Deputy branch director	LT Giblon	850-292-0072
Safety	Sawyer	904-755-4860
Assistant safety	Manchego	817-715-9996
Support branch divs	Cwo Harvey	619-723-0197
Lead Foscr	Evans	713-653-4380
Resl	Winstead	252-945-5775
Admin	Sokolov	646-409-9796
Proc	Martinez-Diaz	618-709-3787
Check-in	Lawson	804-832-6369
Ops divs	Cwo Smith	760-803-1011
VRG divs	Mills	317-777-8129
Ops foscr	Barker	757-506-6865
Ops pr	Drayton	337-371-6800
Ops. Foscr	Fleming	404-626-9106
Ops pr	Haskins	714-319-8764
Ops foscr	Irvin	916-397-8065
Ops foscr	Metcalf	850-890-3255
Ops foscr	Kampsnider	970-589-0698
Ops foscr	Wiechert	513-503-6245
Ops pr	Nguyen	228-324-2880
VRG divs		

4. Prepared by: Name: _____ Position/Title: _____ Signature: _____

ICS 205A | **IAP Page** _____ | Date/Time: _____

1. Incident Name: H Hurricane Harvey ESF-10 Texas	2. Operational Period (Date / Time) From: 23 Sep 17/0700 To: 25 Sep 17/0700	**MEDICAL PLAN** **ICS 206-CG**

3. Medical Aid Stations- ALPHA

Name	Location	Contact #	Paramedics On site (Y/N)

4. Transportation

Ambulance Service	Address	Contact #	Paramedics On board (Y/N)
CORPUS CHRISTI FIRE DEPARTMENT/EMS SERVICES	2406 LEOPARD Ste #300 Corpus Christi, TX 78408	911 361-826-3932	Y
SACRED HEART MEDICAL SERVICES	3909 LONE TREE RD. VICTORIA, TX	361-579-9727	Y
CALHOUN COUNTY EMS	705 COUNTY RD 101 PORT LAVACA	361-552-1140	Y
Coastal Care EMS	810 Henderson St. Rockport, TX---- 0 TRUCKS	361-727-2071	Y
ALLEGIANCE AMBULANCE SERVICES	1959 Saratoga Blvd # 22, Corpus Christi, TX 78417 ------ NO SHEPARD OR BAY AREA	(855) 247-5911	Y
FIVE STAR AMBULANCE	4639 CORONA ST. CORPUS CHRISTI, TX 1 TRUCK, DIALYSIS	361-334-5870	Y
HALO FLIGHT	1843 FM 665 CORPUS CHRISTI, TX	361-265-0509	Y

5. Hospitals

Hospital Name	Address	Contact #	Travel Time		Burn Ctr?	Heli-Pad?
			Air	Ground		
CHRISTUS SPOHN MEMORIAL HOSPITAL	2606 Hospital Blvd, CORPUS CHRISTI 78405	361-902-4000	15	15	N	Y
CHRISTUS SPOHN SHORELINE HOSPITAL (SNAKEBITES/WOUND CARE/HYPERBARIC)	600 Elizabeth St. CORPUS CHRISTI 78404	361-881-3000			N	Y
US ARMY INSTITUTE OF SURGICAL RESEARCH FORT SAM HOUSTON	3400 Rawley E. Chambers Ave. SAN ANTONIO,TX 78234-5012	210-916-2720			Y	
TRIUMPH HOSPITAL	506 East San Antonio St. VICTORIA	361-575-7441			N	Y
CITIZENS MEDICAL CENTER	2701 Hospital Drive VICTORIA , TX	361-573-9181			N	Y
REFUGIO COUNTY MEMORIAL HOSPITAL	REFUGIO,TX ER ONLY	361-526-2321			N	Y
CHRISTUS SPOHN SOUTH HOSPITAL	5950 Saratoga Blvd. CORPUS CHRISTI, TX 78414	361-985-5000			N	Y
CORPUS CHRISTI MEDICAL CENTER:DOCTORS REGIONAL	3315 South Alameda St. CORPUS CHRISTI,TX 78411	361-761-1400			N	Y
DRISCOLL CHILDREN'S HOSPITAL	3533 South Alameda St. CORPUS CHRISTI,TX 78411	361-694-5000			N	Y
CORPUS CHRISTI MEDICAL CENTER –BAY AREA (SNAKEBITES)	7101 S. Padre Island Dr. CORPUS CHRISTI,TX ER Only	361-761-1200			N	Y

6. Special Medical Emergency Procedure

- **In cases of emergency contact 911.**
- **In case of snakebites, patients are to be transported to either Christus Spohn Shoreline Hospital (Nearest) or Bay Area Medical Center. Both of these hospitals have been confirmed to being able to care for snakebites.**
- **In the case of ANY injury, please seek medical attention then report the incident to the Safety Officer at 609-351-7148 and USCG personnel shall report to Sector Corpus Christi DUTY HS @ 361-438-0197.**
- **Injury and illnesses shall be reported to your supervisor and then to your agency or employer.**

7. Prepared by: (Medical Unit Leader)	**Date/Time**	**8. Reviewed by: (Safety Officer)**	**Date/Time**
Karen Aquino	22 Sep 17/0800	Edward Primeau	22 Sep 2017/0800

MEDICAL PLAN (Rev.07/04) ICS 206-CG

1. Incident Name: H Hurricane Harvey ESF-10 Texas	2. Operational Period (Date / Time) From: 21SEP 17/0700 To: 23SEP 17/0700	**MEDICAL PLAN** **ICS 206-CG**

3. Medical Aid Stations- BRAVO

Name	Location	Contact #	Paramedics On site (Y/N)

4. Transportation

Ambulance Service	Address	Contact #	Paramedics On board (Y/N)
Galveston Fire Dept.	823 Rosenberg, Galveston TX	911/409-765-3702	Y
Texas City Fire Dept.	1725 25th Street North, Texas City, TX	911/409-392-2858 409-643-5700	Y
Ellington Field Fire Dep.t/NASA EMS	14657 Sneider St., Houston, TX	911/281-929-2337	Y
Houston Fire & EMS	922 Dixie Farm Rd., Houston, TX	911/832-394-6700	Y
Webster Fire Dept.	18300 Highway 3, Webster, TX	911/281-316-3730	Y

5. Hospitals

Hospital Name	Address	Contact #	Travel Time		Burn Ctr?	Heli-Pad?
			Air	Ground		
Clear Lake Regional	500 W Medical Center Blvd., Webster, TX Lat: 29 32'49" Long: 95 07'0.77" W	281-332-2511	<5M	5M	N	Y
UTMB Galveston Level II	901 Harbor Side, Galveston, TX Lat: 29 18'43.851"N Long: 94 46'41.703"W	409-772-9505	<10M	45M	Y	Y
St. John's Clear Lake Level III	18300 St. John Dr., Houston, TX 77058 Lat: 29 33'0.193"N Long: 95 5'08.07"W	281-333-5503	7M	12M	N	Y
Memorial Hermann Southeast Level III	11800 Astoria Blvd., Houston, TX 77089 Lat 29 58'71"N Long: 95 21'67"W	281-929-6100 281-669-8870	4M	10M	N	Y
Memorial Herman Pearland Level IV	16100 South Fwy., Pearland, TX 77584 Lat: 29 56'30"N Long: 95 38'85"W	713-413-6589 Command Center 713-413-6500	10M	16M	N	Y
Mainland TXC Level IV	6801 Emmett Lowry Expressway, Texas City, TX (hyperbaric on call) Lat: 29 39'48"N Long: 94 98'59"W	409-938-5112 409-938-5050 Hyperbaric 409-789-2656	30M	45M	N	N
Memorial Hermann Hospital Level 1	6411 Fannin St., Houston, TX 77030 Lat: 2942.8 Long: 9523.7	713-704-4000/2500 /2578/4268 Charge Nurse 713-704-1223	10M	30M	Y	Y
San Jac Methodist Level IV	4401 Garth Rd., Baytown, TX 77521 Lat: 29.768N Long: 94.97W	281-420-8600	20M	32M	N	Y
Bay Area Regional Level III	200 Blossom St., Webster, TX 77598 Lat: 29.544811N Long: 95.125820W	281-525-7000	5M	12M	N	N
St. Joseph medical Center Level III	1401 St. Joseph Pkwy., Houston, TX Lat: 29.747621N Long: 95.365969W	713-757-1000 Command Center 713-759-0635	15M	29M	N	Y
UTMB League City Level IV	2240 Gulf Fwy., League City, TX 77573 (no helo pad, use parking lot)	409-772-1011 409-772-9500	15M	23M	N	Y
Lafayette General Hospital Level I	1214 Coolidge St., Lafayette, LA 70503 Lat: 30 12'05"N Long: 92 02'10"W	337-289-7991	3H	3H44M	N	Y
South Cameron Memorial Hospital Level IV	5360 W Creole Hwy., Cameron, LA 70631 Lat: 20 48'47"N Long: 93 09'0.998"W	337-542-4111	2H	3H18M	N	Y

6. Special Medical Emergency Procedure

- **In cases of emergency please contact 911.**
- **In the case of ANY injury, please seek medical attention then report the incident to the Safety Officer at 609-351-7148.**
- **Injury and illnesses shall be reported to your supervisor and then to your agency or employer.**

7. Prepared by: (Medical Unit Leader)	**Date/Time**	**8. Reviewed by: (Safety Officer)**	**Date/Time**
Karen Aquino	22 Sep 2017/1800	Edward Primeau	22 Sep 2017/0900

MEDICAL PLAN (Rev.07/04)	ICS 206-CG

1. Incident Name	2. Operational Period Date / Time	MEDICAL PLAN ICS 206 - EPA
Hurricane Harvey ESF-10 Texas	From: continuous To:	

3. Incident Medical Aid Stations- Bravo Branch Pad Site

Medical Aid Stations	Location	Paramedics	
		Yes	No
Bravo Pad Site	2200 Dorsett Street		X

4. Ambulance Services

Name	Address	Phone	Paramedics	
			Yes	No
City Ambulance	16911 Old Louetta Rd #6, Houston, TX	911	X	

5. Hospitals

Name	Address	Travel Time		Phone	Helipad		Burn Center	
		Air	Ground		Yes	No	Yes	No
Houston Methodist Hospital – Texas Medical Center	6565 Fannin Street Houston, TX 77030	4 m	20 m	713.790.3311		X		X

6. Medical Emergency Procedures

Poison Control Number: 800-222-1222

- **In cases of emergency please contact 911.**
- **In the case of ANY injury, please seek medical attention then report the incident to the Safety Officer at 609-351-7148.**
- **Injury and illnesses shall be reported to your supervisor and then to your agency or employer.**

7. Prepared by (Medical Unit Leader)	Date Time	8. Reviewed by (Safety Officer)	Date Time
Karen Aquino	09/22/17 1700	Edward Primeau	09/22/17 1700

1. Incident Name: Hurricane Harvey ESF-10 Texas	2. Operational Period (Date / Time) From: 23 SEP 2017/ 0700 To: 25 SEP 2017/ 0700	MEDICAL PLAN ICS 206-CG

3. Medical Aid Stations: "C" Branch

Name	Location	Contact #	Paramedics On site (Y/N)
Neighbors Emergency Center	3330 Hwy 365 Port Arthur, TX 77642	(409) 722-9554	N
Golden Triangle Emergency Center	8035 Memorial Blvd Port Arthur, TX 77640	(409) 237-5870	N

4. Transportation

Ambulance Service	Address	Contact #	Paramedics On board (Y/N)
Acadian Ambulance Service	3720 Corley St. Beaumont TX, 77701	(409)980-7702	Y
W Calcasieu Cameron Hospital	701 Cypress St. Sulphur LA, 70663	(337)527-7034	Y

5. Hospitals

Hospital Name	Address	Contact #	Travel Time		Burn Ctr?	Heli-Pad?
			Air	Ground		
Medical Center of SETX Level IV	22555 Jimmy Johnson Blvd Port Arthur TX, 77640	(409)724-7389	<5M	10M	No	Yes
Christus SETX Outpatient Center Mid County	8801 9th Ave, Port Arthur TX, 77642	(409)724-3600	<5M	10M	No	No
UTMB Galveston Level II	901 Harbor Side Galveston, TX	(409)772-9505			Yes	Yes
Christus St. Patrick Hospital Level II (Dialysis Care available)	524 Dr. Michael Debakey Drive, Lake Charles, LA 70605	(337)436-2511			No	Yes
Christus SETX St. Elizabeth Level III	2830 Calder St Beaumont TX, 77702	(409)892-7171	10M	20M	No	Yes

6. Special Medical Emergency Procedures

Any fatality or injury (greater than first aid) immediately report to the Safety Officer MST1 Greg Halter, 910-616-4782.

7. Prepared by: (Medical Unit Leader)	Date/Time	8. Reviewed by: (Safety Officer)	Date/Time
MST1 Greg Halter	22 Sep 2017 / 0800	Ed Primeau	22 Sep 2017/0800

MEDICAL PLAN ICS 206-CG (Rev.07/04)

1. Incident Name Hurricane Harvey – ESF 10 Texas	2. Operational Period (Date/Time) From: 23 SEP 17 @ 0700 To: 25 SEP 17 @ 0700	DAILY MEETING SCHEDULE ICS 230-CG

3. Meeting Schedule (Commonly-held meetings are included)

Date/ Time	Meeting Name	Purpose	Attendees	Location
Day One				
0730	Operations Briefing	Present IAP and assignments to the Supervisors/Leaders for the next Operational Period.	Branch Directors, Div/Gru Sups., Task Force/Strike Team Leaders and Unit Leaders	Parking Lot
0800	Unified Command Objectives Meeting	Review/ identify objectives for the next operational period.	Unified Command members	EPA MCP
0830	ESF-10 Conference Call	UC discusses status/progress.	Unified Command	EPA MCP
1030	Command & General Staff Meeting	IC/UC gives direction to Command & General staff including incident objectives and priorities	IC/UC, Command & General Staff	Meeting Area
Day Two				
0730	Operations Briefing	Present IAP and assignments to the Supervisors/Leaders for the next Operational Period.	Branch Directors, Div/Gru Sups., Task Force/Strike Team Leaders and Unit Leaders	Parking Lot
0800	Unified Command Meeting	Review objectives for the next operational period.	Unified Command members	EPA MCP
0830	ESF-10 Conference Call	UC discusses status/progress.	Unified Command	EPA MCP
1100	Tactics Meeting	Develop/Review primary and alternate Strategies to meet Incident Objectives for the next Operational Period.	PSC, OSC, LSC, RESL & SITL	EPA MCP
1300	Planning Meeting	Review status and finalize strategies and assignments to meet Incident Objectives for the next Operational Period.	Determined by the IC/UC	Meeting Area

4. Prepared by: (Situation Unit Leader)	Date/Time
Maggie Waldon/CWO Pete Gollnick	22 SEP 2017 1800

DAILY MEETING SCHEDULE ICS 230-CG (Rev.07/04)