



2022 Regional Response Team (RRT) 6 Fall Meeting Agenda

[Register Here](#)

Co-Chairs:
Craig Carroll, USEPA
Michael Sams, USCG

Coordinators:
Bray Fisher, USEPA
Todd Peterson, USCG

Microsoft Teams Meeting

[Click here to join the meeting](#)

Meeting Call-in Number: (210) 469-3886

Passcode: 478 595 417#

Day 1 Wednesday, November 2, 2022

0800 – 0830	Welcome, Introduction, & Review of Minutes	Co-Chairs & Coordinators
0830 – 0900	RRT-101	Michael Sams, USCG
0900 – 0930	Review Priority List	Michael Sams, USCG
0930 – 1030	Poison Control Centers Priority Update	Warren Zehner, USEPA Craig Carroll, USEPA Michael Sams, USCG CAPT Patrick Young, ATSDR

15 Minutes Break

1045 – 1130	Tribal Priority Update	Matt Loesel, USEPA
1130 – 1145	Open Forum	All

1145 – 1300 Lunch

1300 – 1445	State Agency Reports: <ol style="list-style-type: none"> Arkansas: <ol style="list-style-type: none"> Arkansas Department of Energy and Environment (ADEE) Arkansas Division of Emergency Management (ADEM) New Mexico: <ol style="list-style-type: none"> New Mexico Homeland Security and Emergency Management (NMHSEM) Oklahoma: <ol style="list-style-type: none"> Oklahoma Department of Environmental Quality (ODEQ) Texas: <ol style="list-style-type: none"> Texas Commission on Environmental Quality (TCEQ) Railroad Commission of Texas (TRRC) Texas General Land Office (TGLO) Louisiana: <ol style="list-style-type: none"> Louisiana State Police (LSP) Louisiana Department of Environmental Quality (LDEQ) Louisiana Oil Spill Coordinator's Office (LOSCO) 	
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15 Minutes Break



2022 Regional Response Team (RRT) 6 Fall Meeting Agenda

**Day 1
(Continued)**

Wednesday, November 2, 2022

1500 – 1700 Federal Agency/Tribal Reports:

1. Region 6 Tribes
2. Dept. of Transportation (DOT)
3. Dept. of Health and Human Services (DHHS)
4. General Services Administration (GSA)
5. Dept. of Agriculture (USDA)
6. Dept. of Energy (DOE)
7. Dept. of Justice (DOJ)
8. Dept. of State (DOS)
9. Dept. of Defense (DoD)
10. Nuclear Regulatory Commission (NRC)
11. Dept. of Homeland Security (DHS):
 - a. Federal Emergency Management Agency (FEMA)
 - b. Cybersecurity and Infrastructure Security Agency (CISA)
12. Dept. of Commerce (DOC)
13. Dept. of Labor (DOL)
14. Dept. of the Interior (DOI)
15. USEPA
16. USCG

1700 – 1705 Review Action Items

Coordinators

1705 – 1715 Closing Remarks

Co-Chairs

1715

Adjourn



2022 Regional Response Team (RRT) 6 Fall Meeting Agenda

Day 2	Thursday, November 3, 2022	
0800 – 0805	Welcome	Co-Chairs & Coordinators
0805 – 0830	National Response Center (NRC) 101	LT Savannah Ebhart, USCG
0830 – 0900	National Pollution Funds Center (NPFC) 101	Chris Marcy, USCG
0900 – 0930	Cybersecurity and Infrastructure Security Agency (CISA) Overview	Steven Shedd and/or Shawn Perceful CISA
15 Minutes	Break	
0945 – 1015	EPA Case Study	TBD, EPA
1015 – 1115	Bureau of Safety and Environmental Enforcement (BSEE) Offshore ACP Project Overview	Bryan Rogers, BSEE & Gabrielle McGrath, RPS
1115 – 1245	Lunch	
1245 – 1315	HWCG Subsea Dispersant Injection - Science, Water, Air and Trajectory (SWAT) Team Overview	Jody Harney, CSA Ocean Sciences Inc.
1315 – 1415	USCG FOSC Reports (unit reps from each of the below will present ~10 min):	
	<ul style="list-style-type: none"> • Sector Lower Mississippi River • Marine Safety Unit Port Arthur • Marine Safety Unit Houma • Sector Corpus Christi • Sector Houston-Galveston • Sector New Orleans 	LT John Krueger II LTJG Nicholas Boinay CWO2 Joseph Torcivia MSTC Guy Hughey ENS Gabriella Forames LCDR Amber Larson
15 Minutes	Break	
1430 – 1445	Open Forum	All/Co-Chairs
1445 – 1450	Review Action Items & Future Meeting Dates	Coordinators
1450 – 1600	Closing Remarks	All/Co-Chairs
1600	Adjourn	

Dates for next RRT-6 Meetings		
Semiannual Meetings	Location	Dates
Spring 2023 <i>Joint Meeting with RRT-4</i>	Baton Rouge, LA	16 – 18 May 2023
Fall 2023	Addison, TX	02 – 03 Nov 2023
Spring 2024	Addison, TX	08 – 09 May 2024



Regional Response Team (RRT) 101



Michael Sams

Eighth Coast Guard District

Incident Management and Preparedness Advisor

RRT-6 Co-Chair



Topics

- History
- Authority
- Structure
- Examples
- Key Takeaways



HISTORY

- NCP first developed in 1968 in response to the massive oil spill from the oil tanker Torrey Canyon in March 1967 off Cornwall, UK
- Provided the first comprehensive national system for oil spill reporting and response

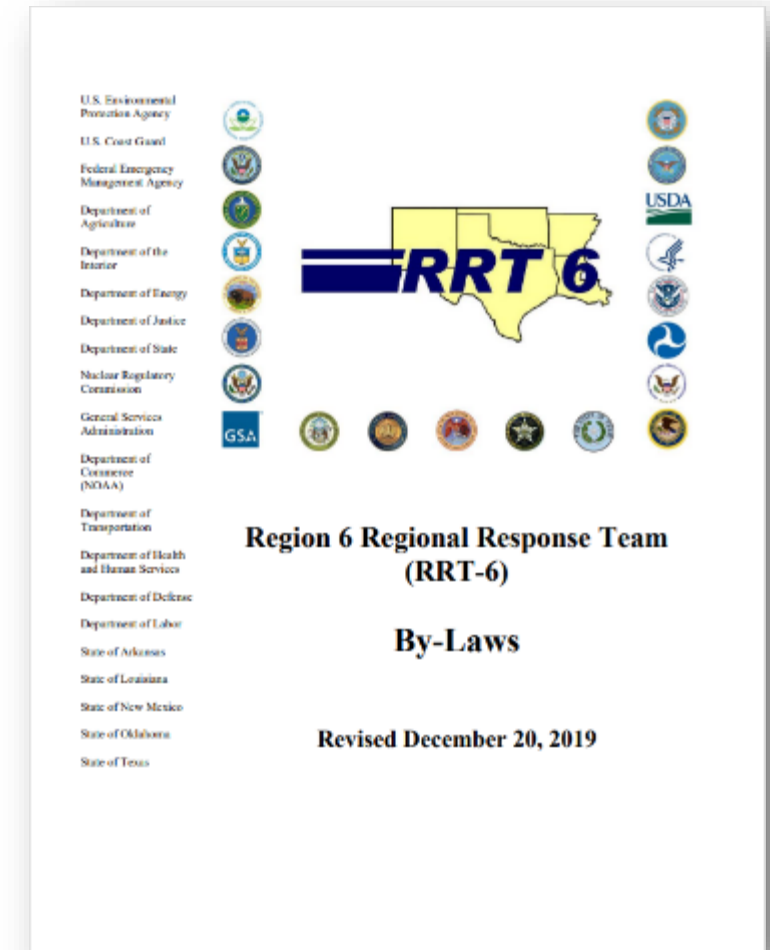


The Torrey Canyon 1967



Authority

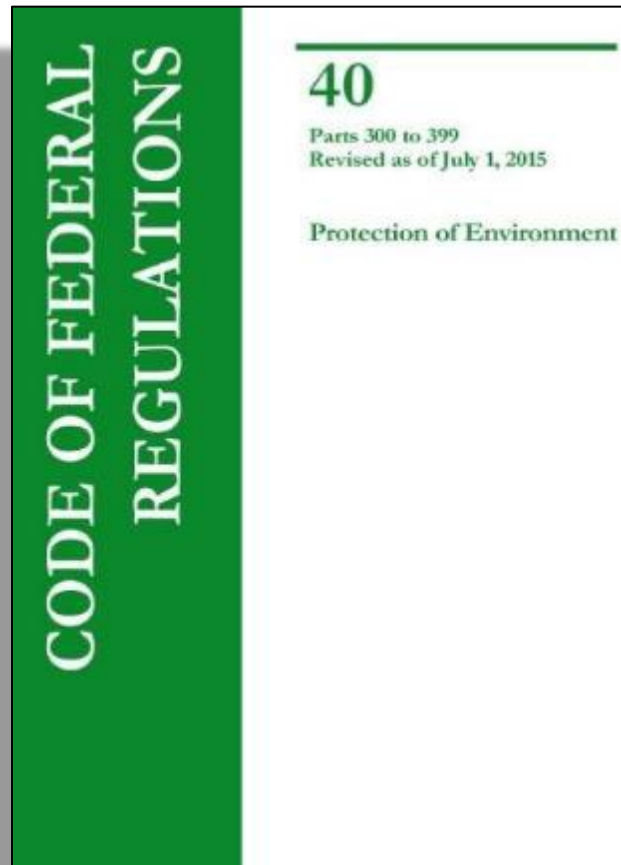
- National Oil and Hazardous Substances Pollution Contingency Plan (NCP)
- Executive Order 12580
- Executive Order 12777
- Region 6 Regional Contingency Plan (RCP)





NATIONAL OIL & HAZARDOUS SUBSTANCES POLLUTION CONTINGENCY PLAN (NCP)

The NCP, 40 CFR part 300, is administered by the Environmental Protection Agency (EPA)



NCP describes the national preparedness and response system (NRS) for oil and hazardous substances

- Includes chemical, biological, radiological, and nuclear (CBRN) releases to the environment
- Both accidental and intentional (including terrorist) releases



National Response Team (NRT)

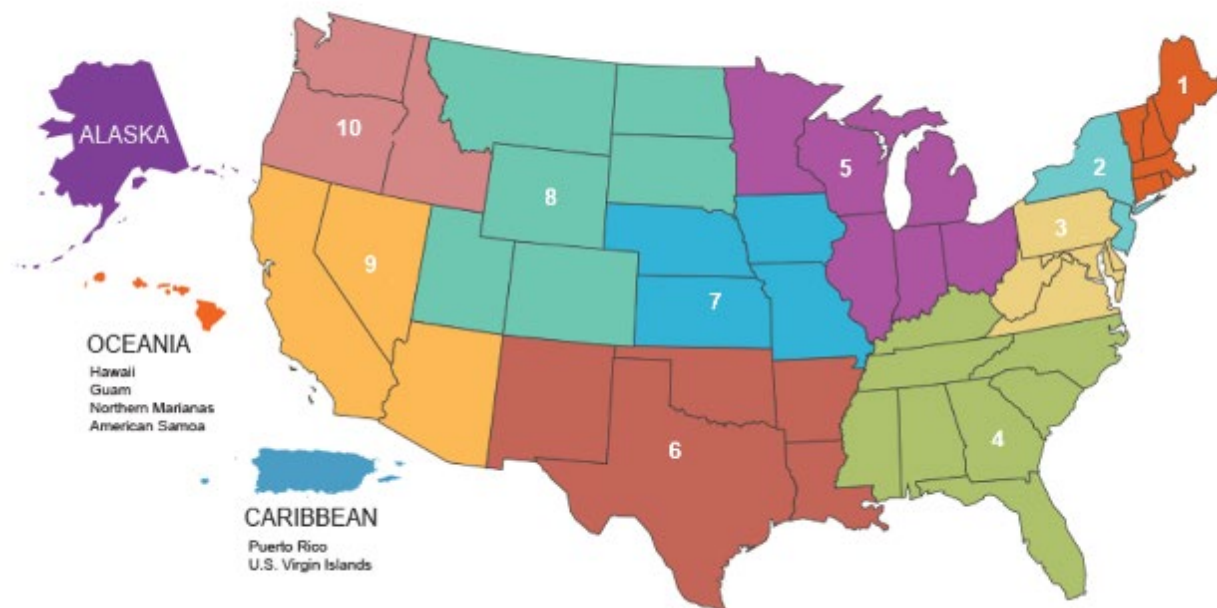
Mission: *To provide technical assistance, resources and coordination on preparedness, planning, and response activities for emergencies involving hazardous substances, pollutants and contaminants, hazmat, oil, weapons of mass destruction in natural and technological disasters and other environmental nationally significant incidents.*

- Comprised of 15 federal agencies/departments
- EPA – Chair; USCG – Vice Chair
- National-level planning, policy, and coordinating body
- Provides policy advice and national-level assistance to the OSC and RRT(s) during a response





Regional Response Team (RRT)

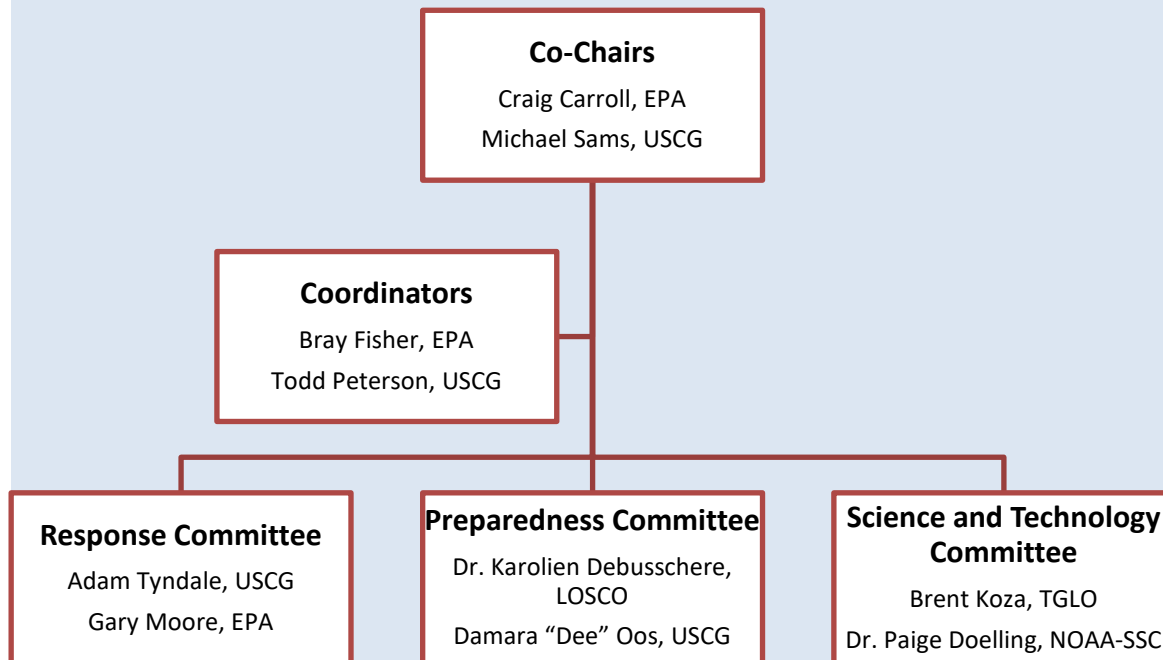


- 13 RRTs comprised of 15 Federal agencies plus State representatives
- Co-Chaired by EPA and USCG
- Provide technical expertise and resources to the OSC during a response
- Engage in planning and training activities year-round
- Coordinate decision making process for alternative cleanup operations



Structure of RRT-6

Executive Committee



Members

Federal

1. U.S. Environmental Protection Agency
2. U.S. Coast Guard
3. Federal Emergency Management Agency
4. Department of Agriculture
5. Department of the Interior
6. Department of Energy
7. Department of Justice
8. Department of State
9. Nuclear Regulatory Commission
10. General Services Administration
11. Department of Commerce (NOAA)
12. Department of Transportation
13. Department of Health and Human Services
14. Department of Defense
15. Department of Labor

States

1. State of Arkansas
2. State of Louisiana
3. State of New Mexico
4. State of Oklahoma
5. State of Texas



By-Laws





Regional Contingency Plan

Volume 1 – RCP

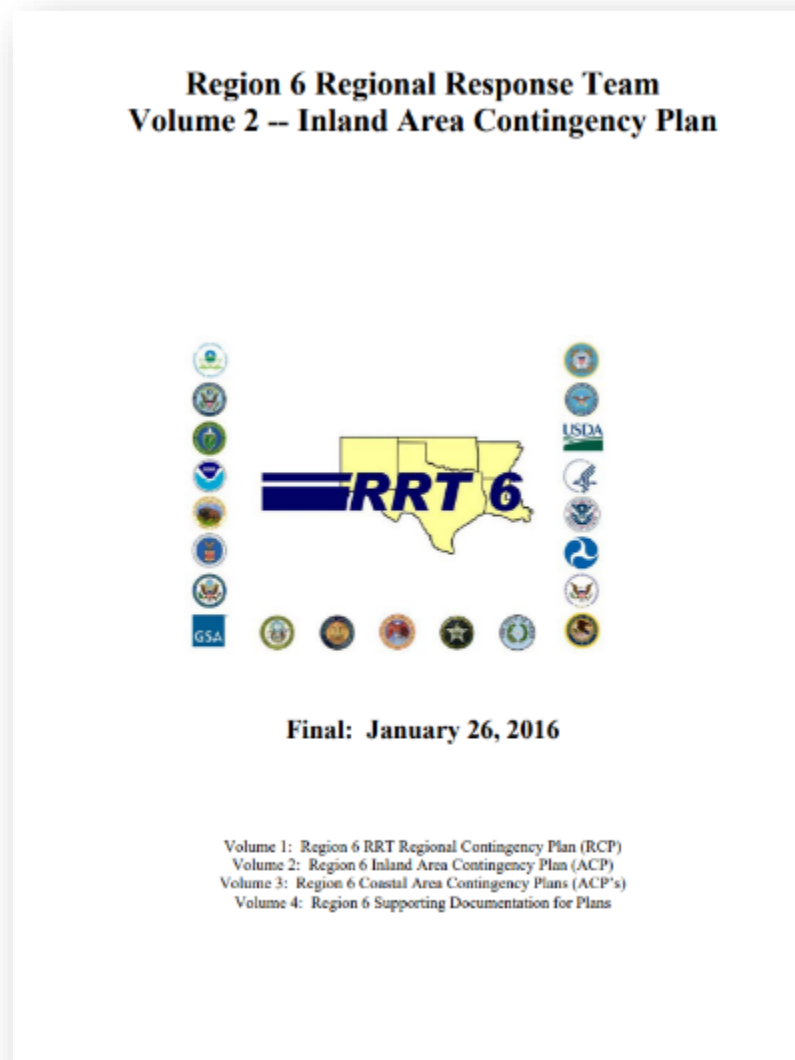


Last Updated: 04 Mar 2021



Regional Contingency Plan (RCP)

Volume 2 – Inland ACP

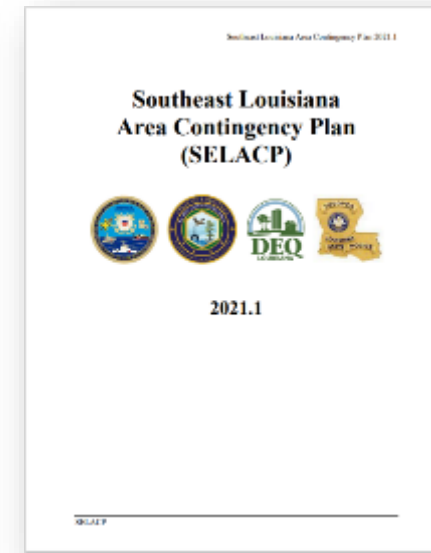
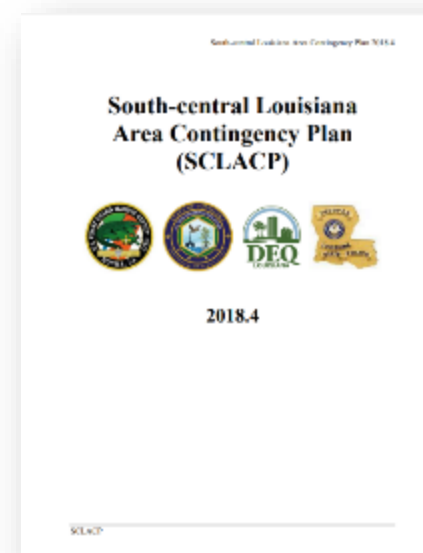
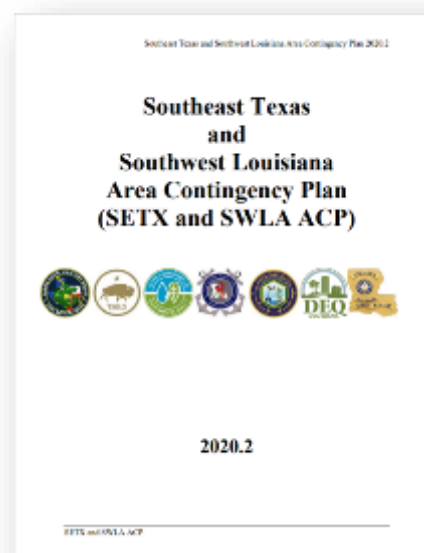
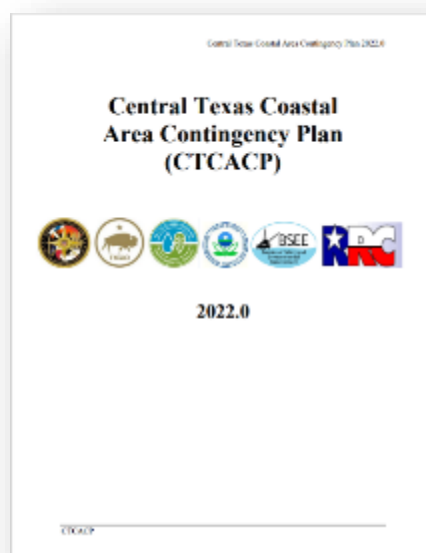
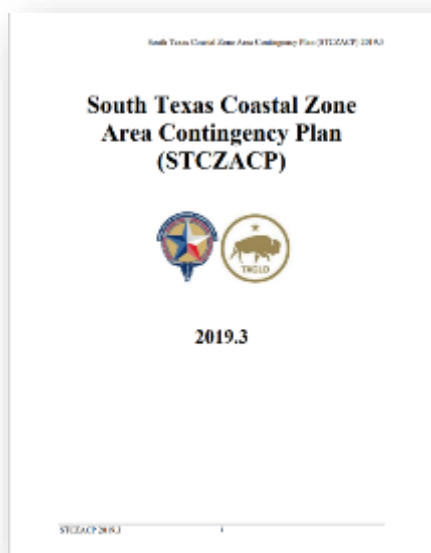


Last Updated: 08 Mar 2021



Regional Contingency Plan (RCP)

Volume 3 – Coastal ACPs



[illegible]

13



Regional Contingency Plan (RCP)

Volume 4 - Annexes

Regional Response Team (RRT) 6 In-Situ Burn Policy

Annex 13a
August 2022

RRT-6 In-Situ Burn Policy

Regional Response Team (RRT) 6 In-Situ Burn Policy

Appendix A
In-Situ Burn in the Coastal Zone (Checklist)

August 2022

RRT-6 ART Evaluation Job-Aid – In-Situ Burn

Incident Name:		
NRG ID:		
Incident date:		
Date of RRT incident-specific call:		

Spill Zone (Check all that apply and use one form per Spill Zone):

- ☐ COASTAL ZONE (>3 miles offshore) In-Situ Burn Application
- ☐ COASTAL ZONE (>3 miles offshore) In-Situ Burn Application
- ☐ NEARBY COASTAL ZONE In-Situ Burn Application

RRT-6 ART Evaluation Job-Aid – In-Situ Burn

	Y	N	N/A	Key Comments:
1	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Is the POC planning to use Burning Agents at any point during the operation?
2	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Has the applicable checklist been appropriately filled out and submitted to the RRT?
3	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Has the spill operation impacted any of the designated exclusion zones?
4	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Have all required operational and safety plans been developed and approved?
5	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Are the use of other chemical containment (Surface Collecting Agents, Depositions) being requested?
6	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Are the air monitoring teams following the RRT-6 protocols?
7	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Have PRR position levels above the Level of Concern been established?
8	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Are there any concerns regarding the use of the spill recovery system, spill recovery and disposal actions, or spill recovery (including) with the use of other chemical containment agents?
9	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Have all the spill recovery agents and equipment been provided for the appropriate incident?
10	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Are the use of the spill recovery system the desired environmental benefit for the spill?
11	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Are all required equipment and appropriately trained personnel available to support the use of Burning Agents and the PRR techniques?
12	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Can the PRR personnel be deployed as a team?
13	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Have the spill recovery system been used to recover the spill and contain the spill?
14	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Have the spill recovery system been used to recover the spill and contain the spill?
15	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Have the spill recovery system been used to recover the spill and contain the spill?
16	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Have all potentially affected or concerned population centers, jurisdictions and agencies been notified (by Coast Guard, State, etc.)?
17	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Are there any requirements to conduct post-burn needs recovery and disposal?
18	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Are there any requirements to conduct post-burn monitoring of the spill?

Recommendation:

- ☐ Approve
- ☐ Don't approve
- ☐ Approve with the following conditions:

[These comments will be used to determine if the spill is a spill. These items listed in general will have been determined to be potential information for the RRT-6 to consider, but are not requirements.]

RRT-6 ART - US

Ver 3.0 Aug 2022

Post Burn Report Form

Method of ignition, include amount & type of burning agents employed (if used): (Character limit: 500)

Number burns conducted; include the duration & amount of oil burned for each: (Character limit: 300)

Air monitoring results; highlight instances where Level of Concern and other action level thresholds were exceeded: (Character limit: 500)

Overall effectiveness of the burn(s); describe any follow on actions (residue recovery, post burn monitoring, etc.): (Character limit: 500)

Any significant operational departures from the burn plan approved by the POC: (Character limit: 500)

Any lessons learned, best practices, or recommended process improvements for future response: (Character limit: 500)



Regional Contingency Plan (RCP)

Volume 4 - Annexes

Regional Response Team (RRT) 6

Endangered Species Act (ESA) and
Essential Fish Habitat (EFH)
Biological Evaluation (BE) Form for
Coast Guard Eighth District Coastal Zone

*(Pre-Spill Consultation, Emergency Consultation, and
Post Response Procedures)*

Annex 29

June 2022

Annex 29



Frequently Asked Questions and Guidance for:

Biological Evaluation (BE) Form

*U.S. Coast Guard Actions in Alabama, Florida, Louisiana, Mississippi, and Texas
U.S. Fish and Wildlife Service and National Marine Fisheries Service*

Overview:

The updated [BE form](#), 1 June 2022 version has been distributed. We worked with the Services and USCG field commands to improve the form and processing. The BE form still covers USCG pre-spill and emergency response actions in Alabama, Florida, Louisiana, Mississippi, and Texas (the entire Eighth District coastal zone). The revised form (fillable PDF version) is fully functional in each of these states and supported by all appropriate entities. These FAQs (version 2) are provided to assist in the use of the BE form and will be updated as necessary to support those who utilize it.

It is impossible to answer every possible question pertaining to utilizing the referenced form and the process of pre-spill and emergency consultation as required under [§7 of the Endangered Species Act \(ESA\)](#), but this document serves the purpose of providing guidance to make the referenced form more readily usable to USCG personnel that might not be overly familiar with the process. In all cases, when in doubt, always reach out to your servicing representative from the U.S. Fish and Wildlife Service (USFWS), National Marine Fisheries Service (NMFS), National Oceanic and Atmospheric Administration (NOAA) Scientific Support Coordinator (SSC), USCG District Eight (D8) District Response Advisory Team (DRAT) or Incident Management and Preparedness Advisor (IMPA) for guidance and any clarifying information. This FAQ document will address common questions that arise from real-world implementation as well as those questions brought up during training sessions.

For the purposes of these FAQs, consultation will refer collectively to all required consultations under [§7 of the ESA](#) and as required for [Essential Fish Habitat \(EFH\)](#). Each FOSCR should fill out the BE form to the best of their ability and use every attempt to select pre-determined categories prior to using the "other" category. Keep in mind that you are [requesting a consultation regarding the effect of response actions on a listed species or designated critical habitat](#) so always do your best to identify potential species that [could be](#) present in the established response action area.

If you are using this form for technical assistance or to determine if further consultation is required, please inform the servicing representative from the respective Service in a [clearly worded email](#) that you are requesting technical assistance to determine whether further consultation (informal or formal) is required. This will indicate to them that the form is not complete and that you are requesting additional guidance. [Please coordinate with the NOAA SSC and the District Eight DRAT or RSPA prior to submitting for technical assistance.](#)

FAQs



Regional Contingency Plan (RCP)

Volume 4 - Annexes

No.	Area Contingency Plan	USFWS OFFICE	State/Location	County/Parish	Agency	Category	Species/Conservation Name	Scientific Name	Listing Status	Critical Habitat
1	AL	AL	AL	N.B.	NMFS	Mammal	Fa. Whale	<i>Anticodon Phocaena</i>	E	
2	AL	AL	AL	N.B.	NMFS	Fishes	Coast Mullet Ray	<i>Rhinochimaera</i>	I	
3	AL	AL	AL	N.B.	NMFS	Reptiles	Green Sea Turtle	<i>Chelonia Mydas</i>	I	
4	AL	AL	AL	N.B.	NMFS	Reptiles	Hawksbill Sea Turtle	<i>Eretmochelys Imbricata</i>	E	
5	AL	AL	AL	N.B.	NMFS	Reptiles	Kemp's Ridley Sea Turtle	<i>Lepidochelys Kempii</i>	E	
6	AL	AL	AL	N.B.	NMFS	Reptiles	Leatherback Sea Turtle	<i>Dermochelys Coriacea</i>	E	
7	AL	AL	AL	AL	NMFS	Reptiles	Loggerhead Sea Turtle	<i>Caretta Caretta</i>	I	CR - 1. Designated Habitat for all ACZ containing areas. 2. Designated Habitat for all ACZ containing areas.
8	AL	AL	AL	N.B.	NMFS	Fishes	Hammerhead Shark	<i>Sphyrna tiburo</i>	I	
9	AL	AL	AL	N.B.	NMFS	Fishes	Coastal Sharpnose Shark	<i>Rhinochimaera longirostris</i>	I	
10	AL	AL	AL	N.B.	NMFS	Mammal	Fin Whale	<i>Balaenoptera Finis</i>	E	
11	AL	AL	AL	N.B.	NMFS	Mammal	Blue Whale	<i>Balaenoptera Musculus</i>	E	
12	AL	AL	AL	N.B.	NMFS	Fishes	Atlantic Sharpnose Shark	<i>Rhinochimaera longirostris</i>	I	
13	AL	AL	AL	N.B.	NMFS	Mammal	Fin Whale	<i>Balaenoptera Finis</i>	E	
14	Alabama, Mississippi, and Florida 7 Parishes	State Wildlife	FL	Franklin County	NMFS	Fishes	Gulf Sturgeon	<i>Acipenser oxyrinchus desander</i>	I	CR
15	Alabama, Mississippi, and Florida 7 Parishes	State Wildlife	AL	Blount County	NMFS	Fishes	Gulf Sturgeon	<i>Acipenser oxyrinchus desander</i>	I	CR
16	Alabama, Mississippi, and Florida 7 Parishes	State Wildlife	FL	Bay County	NMFS	Fishes	Gulf Sturgeon	<i>Acipenser oxyrinchus desander</i>	I	CR



RRT Principal Components

Standing RRT

40 CFR § 300.115 (b)(1)

Designated Representatives:

- 15 Federal Agencies
- States
- Federally Recognized Tribes
- Co-Chairs
 - USEPA
 - USCG

Incident-Specific RRT (ISRRT)

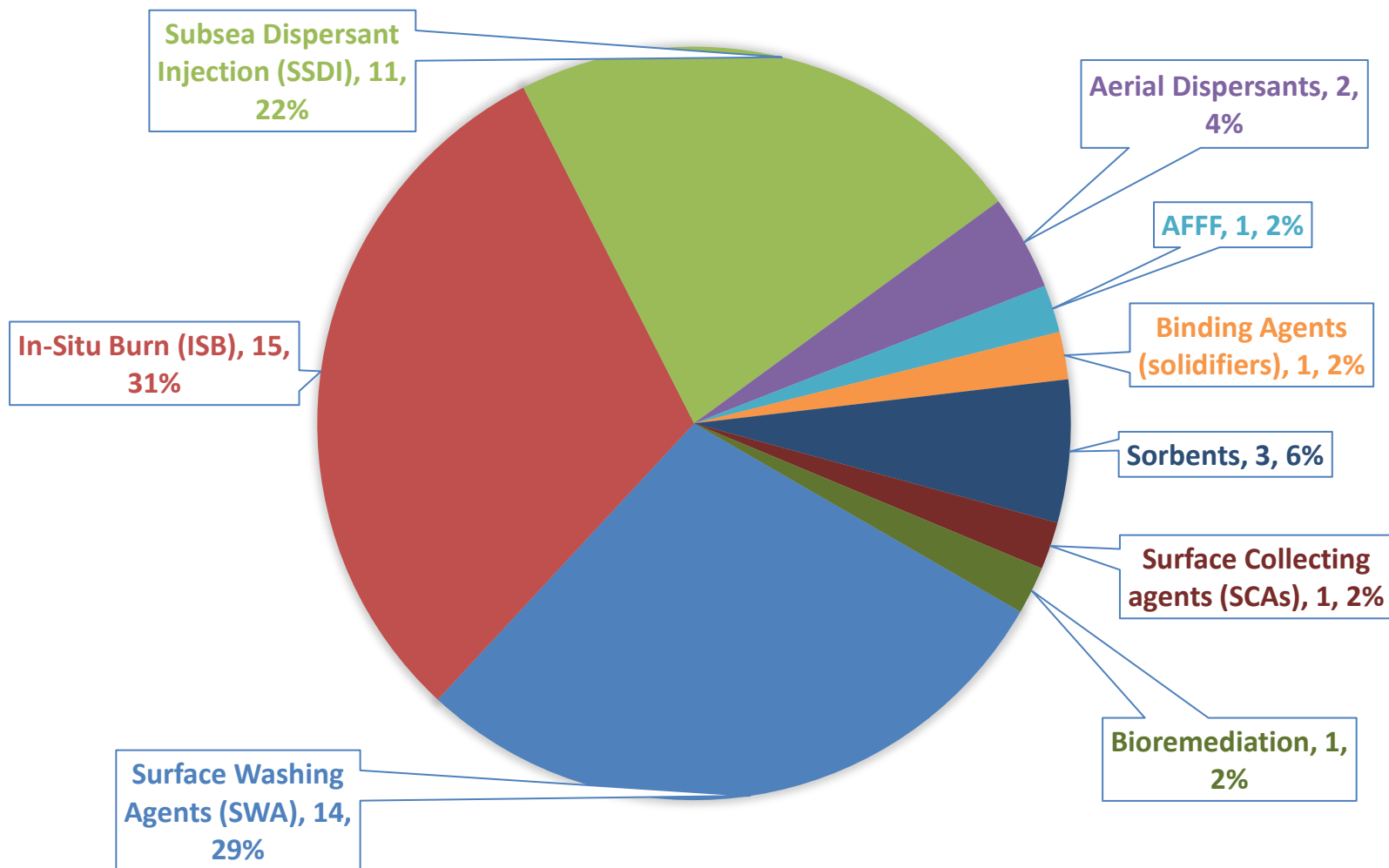
40 CFR § 300.115 (b)(2)

Formed from Standing Team and will relate to:

- Technical nature of the incident
- Geographic location
 - USEPA
 - USCG



RRT-6 Activations Since June 2012



Cumulative Total: 49

— Real-world: 38

— Exercises: 11



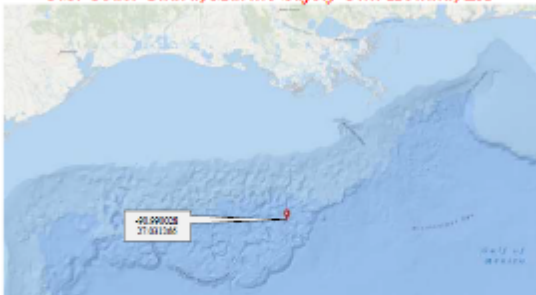
Incident-Specific Activations

Exercise
Exercise
Exercise

Incident-Specific Activation Report

HWCG-Beacon Offshore Energy 2021
Gulf of Mexico Exercise

Simulated Major Oil Spill – Coastal Zone
U.S. Coast Guard, Marine Safety Unit Houma, LA



Regional Response Team (RRT) 6
[Link](#)

October 20, 2021
(RRT-6 Activation Date)

Brief Timeline of Events:

1. Beacon Offshore Energy (BOE) collaborated with HWCG, LLC in the development of their subsea dispersant injection (SSDI) package. Their goal was to request the use of subsea dispersant as a means to substantially reduce Volatile Organic Compounds (VOCs) at the sea surface, which are a threat to the health and safety of workers. The request was to the USCG Federal On-Scene Coordinator (FOOSC) who then requested consultation from the RRT.
2. On October 20, 2021,
 - a. 0900 CT, Beacon Offshore Energy's exercise planners provided their SSDI package to MSU Houma (FOOSC).
 - b. 1055 CT, MSU Houma (FOOSC) provided the SSDI package to CGD 8 (RRT 6 Co-Chair).
 - c. 1136 CT, key RRT members were provided the SSDI package.
 - d. 1300 CT, the incident-specific RRT (ISRRT) teleconference commenced; call adjourned at 1400.

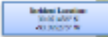

Exercise
Exercise
Exercise

SSDI

Incident-Specific Activation Report

Black Lake Incident

Minor Oil Spill – Coastal Zone
U.S. Coast Guard, MSU Port Arthur, TX

Regional Response Team 6

May 12, 2022
(RRT-6 Activation Date)

Brief Timeline of Events:

1. On May 9, 2022, employees from Texas Petroleum Investment Company (TPIC) observed a sheen in Hackberry Field during their weekly overflight, and subsequently reported it to the National Response Center (NRC # 1335511). MSU Lake Charles received the NRC notification which stated that there was a discharge of ~40 barrels of crude oil from a 3" steel flow line into a marsh peninsula in Cameron Parish, ~3 miles northwest of Hackberry, LA and ~4.3 miles east of Sabine Pass, Louisiana. TPIC secured the source by shutting-in and isolating the damaged 3" flow line. The spill team, consisting of TPIC, Forefront, and OMI Environmental Solutions (OMIES), mobilized to incident location and deployed containment boom and sorbent boom.
2. On May 10, 2022, MSU Lake Charles and the spill team conducted a land based assessment and discovered the impacts were more widespread than previously known (visible from a vessel or overflight). MSU Lake Charles engaged with NOAA SSC and USFWS, discussed resources at risk. Responders collected several oil samples and conducted test burns using a propane torch. The test burns were successful, and the team agreed that the in-situ burning (ISB) technique was the best option to remove the remaining product from the marsh.

ISB



Key Takeaways

1. Governmental body – members; all are welcome
2. Regional Planning and Preparedness; supports six Area Committees (one inland and five coastal)
3. Support to an FOSC during an incident



Questions

Poison Centers: a HAZMAT Incident Resource



RESPONSE PROCESS CRITICAL NEED

- ❖ Historically the #1 **CRITICAL** need that all first responders and responding Regulatory Agencies has been **Environmental Health** protection support during the response.
 - ❖ **Environmental Health** expertise is required to effectively advise Local governments on “evacuation” or “shelter in place” and the general public on seeking treatment for potential exposures during a response.
 - ❖ In general, **Environmental Health** assistance is provided by State, County or City Health officials, but there are limitations, specifically;
 - Staff availability after hours
 - Limited staffing capabilities in small government or rural areas
-

POTENTIAL RESPONSE CRITICAL NEED RESOLUTION!!

Most under-utilized **ENVIRONMENTAL HEALTH** resource available

to

ALL responders and the general public:

POISON CENTERS

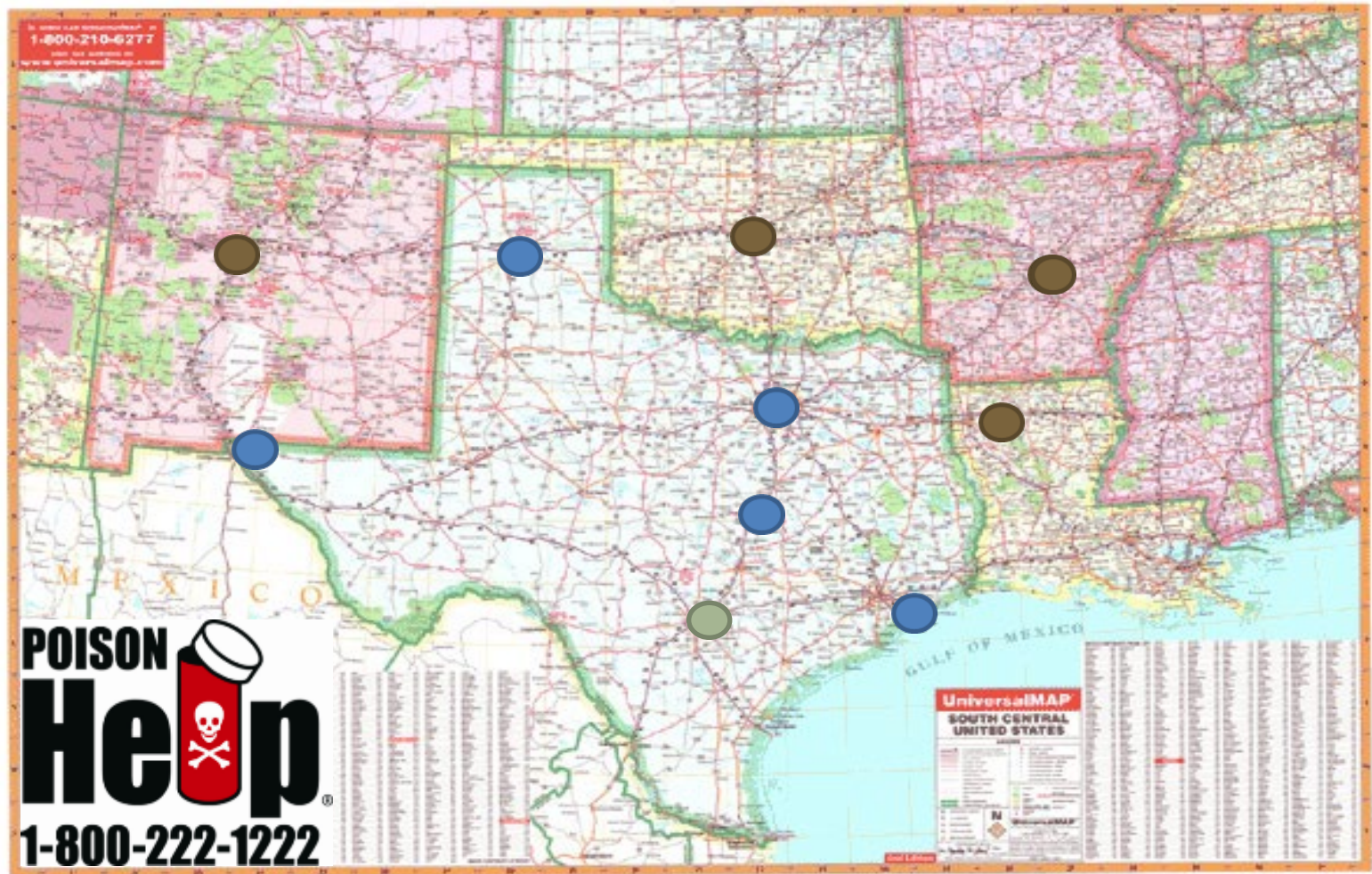
Poison Control At a Glance



- 60 years of advice on poisonings
- 55 PCs in the U.S. covering all 50 states
- Funded by federal/state/private sectors
- Service both the general public and medical professionals
- PCs have expertise in:
 - environmental health issues
 - collective poisoning incidents
 - hazardous materials events



Poison Centers in EPA Region 6



PC Operational Facts



- Operate 24/7 /365
 - Single national contact #: 1-800-222-1222
 - Call routing/overflow agreements with other centers
 - Staffed by physicians, pharmacists, nurses, and biomedical scientists with specialized training in toxicology
 - Access to multiple databases on chemical toxicity
-

PC Support Advantages during ER

- Partners with CDC, EPA, ATSDR, and State Health Dept. to augment emergency response
 - Improved public response for health issues with 24/7 access through dedicated 1-800 number
 - ❖ Can interoperate with 911 or 311
 - Streamlined public information sharing through traditional and social media
 - Quick and efficient technical medical advice which helps reduce hospital surge – **assesses patient from home**
 - **Multiple languages including hearing impaired**
-

Poison Center Real-time Data

National Poison Data System (NPDS)

- PCs upload data to NPDS every **8 minutes**
- Poison information and toxic surveillance database
- Real time monitoring:
 - unusual poisoning patterns
 - chemical exposures
 - emerging environmental health hazards



FOR FURTHER DISCUSSION

Who are Poison Center data and data reports disseminated to?

short term events < 24 hours

long term events > 24 hours

How is the data going to be or should be used?

citizen exposure reference indicators to be included in the shelter in place/evacuation decision process by local governments?

reference for responders of additional investigation or indication of elevated exposure “hot spots” based on number and types of citizen calls?

Limitations of Poison Center data and data distribution process

Macdona Union Pacific Train Derailment

- June 28, 2004, San Antonio, TX. Release of >60 tons of chlorine



- PC activated to address public health questions
- 1st Time PC activated nationally to assist EPA OSC

PC at Large Unified Command Responses

Multi State and Multi Agency Responses

- Deepwater Horizon
- Gold King Mine

Multi Agency Responses

- ITC
-

PC at County/City level

Response Incidents

- Splash Town, Houston:
 - Chlorine leak (kiddie pool)
 - Texas City:
 - Marathon crude oil leak (benzene air release)
 - Deer Park
 - Lubrizol Incident: hydrogen sulfide turned out to be mercaptan (media incorrect reporting)
-

RRT6 and the PC To Date

- ❖ On again off again relationship since 2004
 - ❖ Hosted Webinar for members to increase awareness of PC capabilities and response expertise
 - ❖ Revised and updated PC Activation Guidance (**Annex 20**) in RCP
 - ❖ Update Response Plans to include PC utilization
 - ❖ EPA 6
 - ❖ USCG District 8
 - ❖ State Agencies?
 - ❖ Update ACPs to include PC utilization
 - ❖ EPA 6
 - ❖ USCG District 8
-

RRT 6 and PC Relationship

Where does RRT6 go from here to effectively utilize the Environmental Health resources of the PC during Hazmat Responses, Large and Small

???

Develop an RRT6 Procedures Document which addresses

Should the PC become part of UC during a response, especially a large one... if so, in what capacity? **If not**, a collaborative relationship?

How and by what mechanism does the UC and the PC communicate situational information updates as response progresses – changes in contaminate levels, number/type of citizen calls, etc?

If the PC becomes part of the UC or **not**, should UC include the daily information produced by the PC in the daily UC messaging?

Where are there opportunities to fund the PCC activities during a response, and if so, what are the procedures?

QUESTIONS?



Unified Command Training for Tribes

EPA and USCG Interaction with Tribal Partners





RRT-6 Priority

- Update Annex 38 RRT-6 Fact Sheet #103 – “Guidance for use by Federal On-Scene Coordinators when Responding to Spills of Oil or Hazardous Substances on Tribal Lands”
- Develop Unified Command Training for Tribes

GUIDANCE FOR USE BY FEDERAL ON-SCENE COORDINATORS WHEN RESPONDING TO SPILLS OF OIL OR HAZARDOUS SUBSTANCES ON TRIBAL LANDS



RRT6 FACT SHEET # 103

October 2005; Revised August 2022

Introduction

General principles guide the federal governments. Those principles are summarized as:

- Department and Agency heads shall be responsible for ensuring their operations occur within a government-to-government relationship with Federally-recognized tribal governments.
- To the extent practicable and permitted by law, departments, and agencies shall consult openly and candidly with Indian tribal governments before actions are taken that affect them.



See Memorandum on Government-to-Government Relations with Native American Tribal Governments, 30 Weekly Comp. Pres. Doc. 936 (April 28, 1994).



Fact Sheet #103

- Introduction states general principles guide the federal government interactions with Tribal Leaders
- Discusses Executive Orders and Statutes pertaining to Spill Response
- On-Scene Coordination on Tribal Lands



Unified Command on Tribal Lands

- Developed training based on the National Response System
- Invited Tribal Environmental leaders from across the Region
- Webinar on October 20, 2022 – Attended by Leaders from 23 Tribes across the Region

Webinar helped answer - What if...

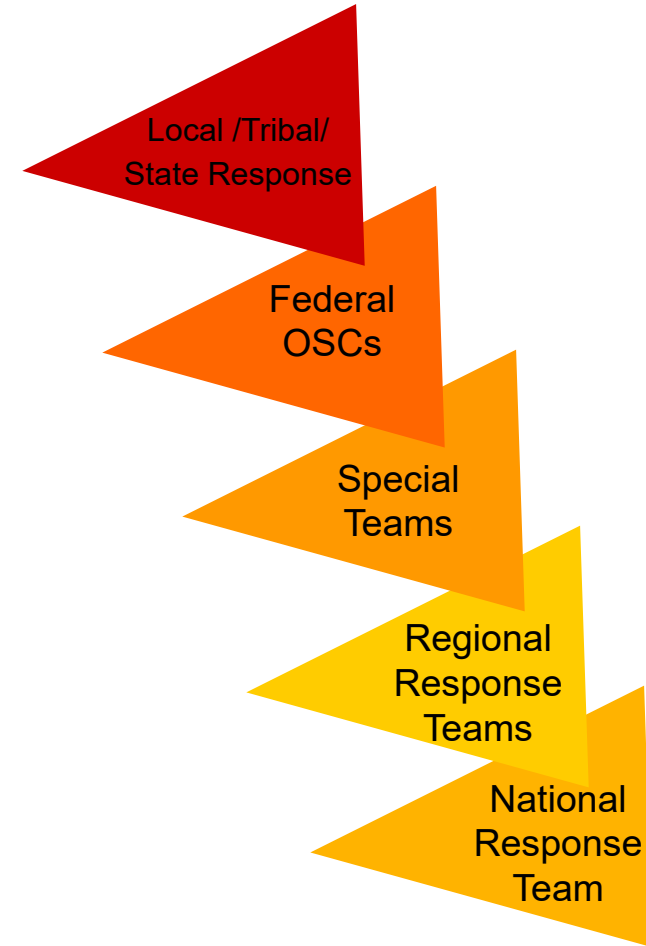
- You discover an oil spill?
- You come across some items which are radioactive?





Overview

- The National Response System (NRS)
- Authorities
- Organization and Components
- Response Assets
- Preparedness
- Case Studies
- Open Forum





What is the National Contingency Plan

- Found at 40 Code of Federal Regulations (CFR) Part 300
- Blueprint which outlines National Response System (NRS)
- NCP defines responsibilities for each component of the NRS
- Also provides mechanism for successful responses to oil and hazardous substance releases





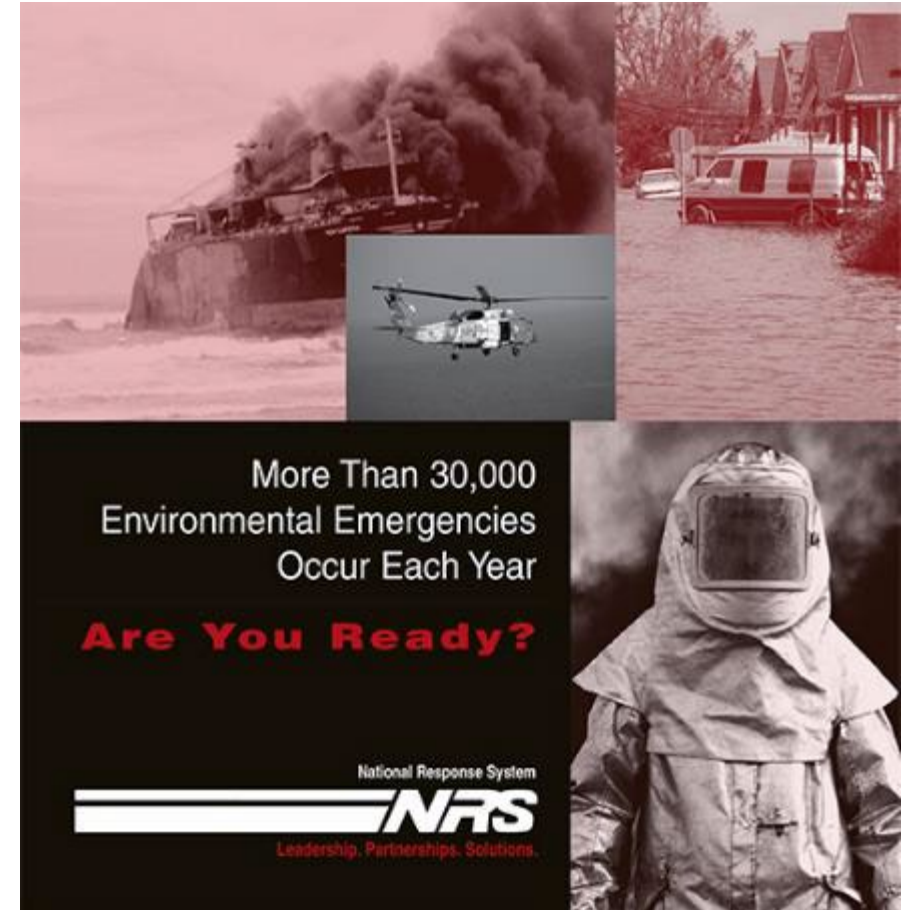
National Contingency Plan

- Requires three fundamental activities be performed
 - Preparedness, planning and coordination for response
 - Notification and communication
 - Response activities at the scene
- Applies to **anyone** who responds to a spill
- Applies to:
 - Discharges of oil into navigable waters
 - Releases into the environment of hazardous substances, pollutants or contaminants
 - Substantial threats to human health and the environment

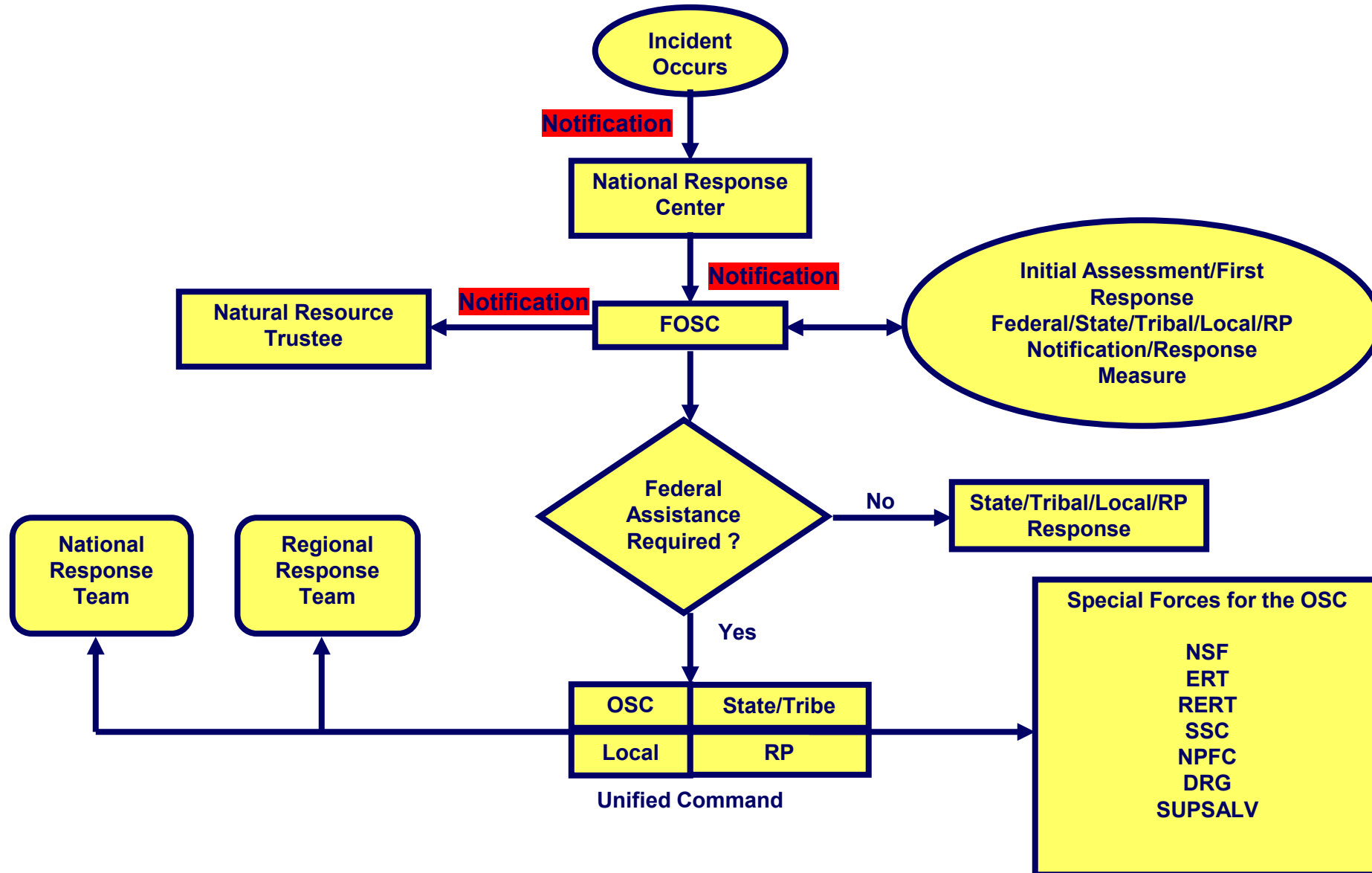


What is the NRS

- Federal mechanism to prepare and respond to hazardous materials releases and oil discharges to navigable waters of the United States
- Multi-agency and multi-level system
- Designed to support state, tribal and local responses
- In existence over 35 years



NRS: Concepts of Response





Incident Command System (ICS)

- NCP requires responses to follow an Incident Command System
- Provides organizational structure for response to oil discharges and hazardous substance emergencies
- Divides emergency response into specific functions
 - Command
 - Operations
 - Planning
 - Logistics
 - Finance



Industry, Tribal, State and Local Responders



- The NRS starts at the local level
- Local and industry responders will always be the first on the scene
- Tribal, State, local and industry responders deal with most responses involving releases of hazardous substances or discharges of oil
- If federal assistance is required, an FOSC can be requested



Federal On-Scene Coordinators

- Only EPA, US Coast Guard (USCG), Dept of Defense (DOD) and the Dept of Energy (DOE) provide FOSCs for responses under the NCP
- In most cases, EPA responds to inland incidents, USCG to coastal incidents and DOD/DOE respond to incidents initiated within their own facility boundaries
- There are over 250 EPA OSCs nation-wide, 20+ OSCs in Region 6
- 40+ USCG Marine Safety Officers among the 9 USCG Districts each of which is headed by a Captain of the Port who acts as FOSC





Federal On-Scene Coordinators

- FOSC will direct federal resources for containment, removal and disposal efforts during an incident per the NCP
- Ensures proper notification
 - Conduct Emergency Response Evaluation
 - Make Recommendations/Decisions
- Direct/Coordinate and/or provide technical assistance to all response efforts including private, local, tribal and state responders
- Maintain decision-making authority
- Ensure access to information by interested or relevant parties





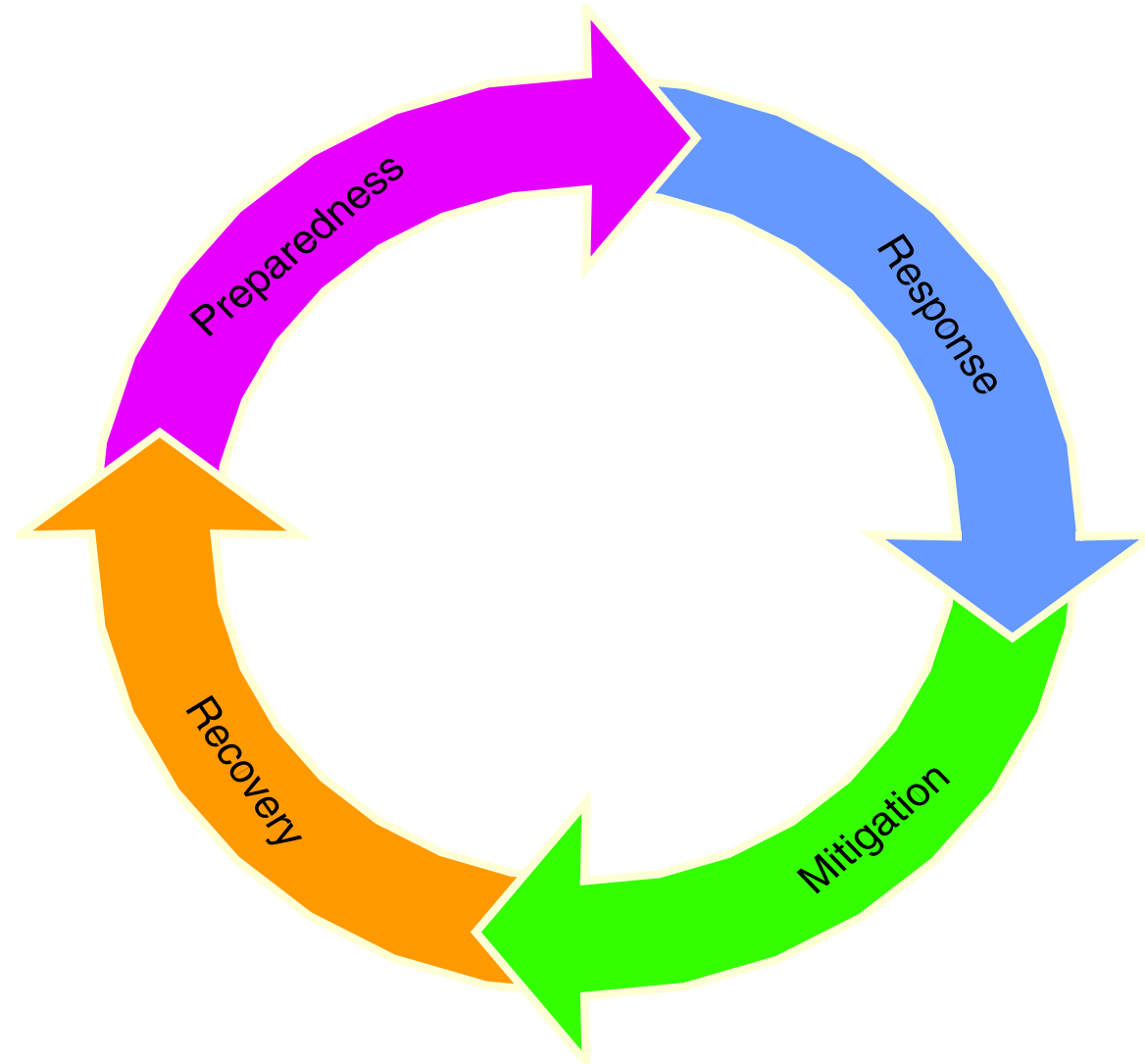
FOSC Response Assets

- Enforcement authorities to ensure where possible the responsible party cleans up the spill or release
- Immediate access to technical assistance and clean-up contractors
- Immediate access to Superfund and Oil Spill Liability Trust Funds
- Technical expertise inside and outside of EPA
- Specialized equipment





Importance of Preparedness in Emergency Management





Preparedness

- The Emergency Planning and Community Right-to-Know Act (EPCRA or SARA Title III)
 - Established federal/state/tribal/local integration of the NRS
 - Assigns preparedness responsibilities to all levels of government
 - Results in 50 State/Tribal Emergency Response Commissions (SERCs/TERCs) and over 2,000 Local/Tribal Emergency Planning Committees (LEPCs/TEPCs)
 - Requires the development of local emergency response plans for worst case scenarios at selected facilities
- Preparedness is accomplished through Planning



State/Tribal Emergency Response Commissions



- Consists of one or more existing state or tribal-sponsored or appointed emergency response organizations
- Planning responsibilities include:
 - Designation of emergency planning districts and supervision of LEPCs/TEPCs
 - Participation on RRT
 - Processes public requests for information under EPCRA



Area Committees

- Responsible for:
 - Preparing an Area Contingency plan (ACP) for their area
 - Working with federal, state, tribal and local officials to:
 - Enhance contingency planning
 - Assure pre-planning of joint response efforts
 - Expedite decisions for use of dispersants and other mitigating substances and devices
- Region 6 has 6 Area Committees – 1 Inland and 5 Coastal



Area Contingency Plans

- Developed by Area Committees under leadership of federal OSCs
- Provide for effective response coordination
- Shall include descriptions of:
 - The area covered by the plan
 - Responsibilities
 - Equipment
 - Procedures for obtaining an expedited decision regarding the use of dispersants
 - How the plan is integrated into other ACPs and response plans
 - Plan for Worst Case Discharge

Local/Tribal Emergency Planning Committees



- Comprised of local/tribal representatives
- Supports local/tribal government in protecting community from releases
- Primary responsibilities include;
 - Designate a community emergency coordinator
 - Prepare and review annually local emergency response plan for local emergency planning district
 - Receive and process public requests for information under EPCRA



FOSC Role in Planning and Preparedness

- Planning
 - RRT works with Area Committees to ensure ACPs are consistent with Regional Contingency Plan
 - OSCs work through Area or sub-Area planning process to ensure EPA and the USCG are prepared to fit into the systems already in place for response at the federal, state, and local levels
- Preparedness
 - Participate in drills and exercises conducted by industry, TEPCs/LEPCs, Area Committees/Sub-Area Committees, the Regional Response Team (RRT) and the National Response Team (NRT)



NRS and Tribal Lands

- Federal government actions guided by unique relationship of US Government and Indian Tribes
- The US Department of Interior(DOI)/Bureau of Indian Affairs (BIA) acts as principal agent of US Government in carrying out Federal Government's responsibilities on Tribal Lands



NRS and Tribal Lands

- Relationships grounded on principles laid out in Memorandum on Government-to-Government Relations with Native American Tribal Governments
- Memorandum are created/updated by most Presidential administrations

Memo on Relations with Native American Tribal Governments



- Operations should occur within a government-to-government relationship
- As permitted by law, US Government should consult openly and candidly with Tribal Governments on actions taken that may affect them
- US Government should assess the impact plans, projects and activities that will impact Tribal trusts or restricted resources to assure Indian Tribal governments rights and concerns are considered

The FOSC and Incidents Impacting Tribal lands



- FOSC should take following steps when incidents are reported that might impact Indian lands held in trust by the US Government
 - Notify the DOI Office of Environmental Policy and Compliance, Regional Environmental Officer (REO)
 - REO will contact appropriate BIA office to assist on making determination on land ownership

The FOSC and Incidents Impacting Tribal lands



- FOSC should take following steps when incidents are reported that might impact Indian lands held in trust by the US Government (continued)
 - If FOSC has points of contact for Tribal government or there are agreements in place they may also contact them directly
- Notify Regional Office of Environmental Justice and Tribal Affairs
- Communicate with Tribal Government officials prior to entering Indian Lands if decided it is necessary to do so – DOI and BIA can facilitate this communication

The FOSC and Incidents Impacting Tribal lands



- FOSC should take following steps when incidents are reported that might impact Indian lands held in trust by the US Government (continued)
 - Create a Unified Command Incident Command System with FOSC, Tribal Government, BIA representative, Responsible Party representative and if appropriate, State official.
 - Ensure cleanup decisions including technologies and endpoints are made collaboratively within Unified Command



Responses on Tribal Lands

- Notifications
 - Notification can be done by RP, Tribal officials, BIA, Private citizen
 - EPA, State, BIA and Tribe are notified of an incident on tribal lands
- Work in partnership
 - Vital that Federal Government, usually the FOSC, and Tribal officials work together with other entities in Unified Command
 - As needed set up Unified Command at the beginning of the incident – it can grow and/or shrink as the incident warrants



Responses on Tribal Lands

- Communications
 - Develop communication strategy and schedule at the beginning
 - Best if there is one person from each entity that communication flows through – avoids mixed messages and missing information
- Set goals/endpoints
 - What do you want the endpoint to look like
 - Set up Data Quality Objectives – SMART Goals



Responses on Tribal Lands

- Valuable Personnel, Resources and Tools
 - Tribal environmental/historic preservation officials
 - DOI/BIA contacts
 - RP resources
 - Equipment
 - Oil response contractors
 - State expertise



Responses on Tribal Lands

- Valuable Personnel, Resources and Tools
 - EPA Resources
 - Contractors and equipment
 - Office of Communities, Tribes and Environmental Assessment
 - Public Information Officers
 - Response.gov site
 - GIS tools
 - Viewers
 - Dashboards

State Report Outs





ARKANSAS
ENERGY & ENVIRONMENT



Role	RRT Member	Agency	Contact Info
Primary	Stephen Ratley	ADEE	ratley@adeq.state.ar.us 501-682-0716
Alternate	Zack Smalling	ADEE	Zack.Smalling@adeq.state.ar.us 501-353-9244
Primary	Chris Foreman	ADEM	chris.foreman@adem.arkansas.gov 501-683-6752
Alternate	Mark McEntire	ADEM	mark.mcentire@adem.arkansas.gov 501-258-2147
Primary	Ashley Whitlow	ADH	ashley.whitlow@arkansas.gov 501-280-4041
Alternate	Chris Hemann	ADH	chris.hemann@arkansas.gov 501-614-5227



ARKANSAS
ENERGY & ENVIRONMENT



Overview

- E&E Transportation Spill Guidance Roll-out
- PFAS Task Force
- Infrastructure Law Award
- ADEM Training 43 EM Classes, 758 students - 2022
- ADEM Training 112 HazMat Classes, 1798 students - 2022
- Tier II Reporting 3,280 Facilities - Reporting Year 2021



Energy and Environment - DEQ

Incident Category	Total
Total # Incidents (April 22,2022 – October 26, 2022)	242
# Referred to DEQ Regulatory Programs	30
Environmental Media/Program Impacted	Total
# Water	177
# Air	29
# Hazardous Waste	13
# Regulated Storage Tanks	2
# Solid Waste	2
# Multimedia	19
# Complaints	580
# NRC	66



Accomplishments and Outlook

Training

Description	Dates
ADEM ESF Trainings	Ongoing
HAZWOPER 8-Hour Refresher	Completed Fall 2022
WebEOC Trainings	Ongoing

Exercises/Workshops

Description	Dates
ADEM Exercises	Multiple
Corporate Partner Exercises	Multiple

Fed/State/Local planning and coordination efforts

Description	Dates
Anthony Timberlands	Ongoing
NuStar Pipeline Release	Closure
Tracy Ferry Marina	Ongoing

State Report Outs

Oklahoma



RRT-6 Spring 2022 Meeting
November 2-3, 2022



Oklahoma

Role	RRT Member	Agency	Contact Info
Primary	Jennifer Handley	ODEQ	jennifer.handley@deq.ok.gov
Alternate	Ashley Sebree	ODEQ	ashley.sebree@deq.ok.gov
Alternate	Clifton Hoyle	ODEQ	clifton.hoyle@deq.ok.gov
Primary	Bonnie McKelvey	OEM	bonnie.mckelvey@oem.ok.gov
Primary	Michael DeRemer	OSDH	MichaelD@health.ok.gov
Alternate	Scott White	OSDH	ScottW@health.ok.gov



Key Personnel Changes

Oklahoma

Agency	Role	Incoming Name	Outgoing Name
DEQ	Alternate	unknown	Ashley Sebree



Ongoing Response

Oklahoma

Events:	Hand Sanitizer Hazardous Waste
Damage:	CM Fire – 80,000 ft ² warehouse + 50,000 ft ² outside Pikes Peak Fire – 2 30-yd ³ dumpsters H&B Fire – 16,000 ft ² warehouse + 10,000 ft ² outside
Ongoing Issues:	CM site – all material lost in the fire H&B site – some material still on-site Pikes Peak site – some material still on-site Grow site – 1 pallet on-site

H&B site



Pre



Pre



10/19 – 10/22



Metrics/Trends/Challenges

Oklahoma

Since the last meeting...

DEQ complaints

1,966

DEQ spills

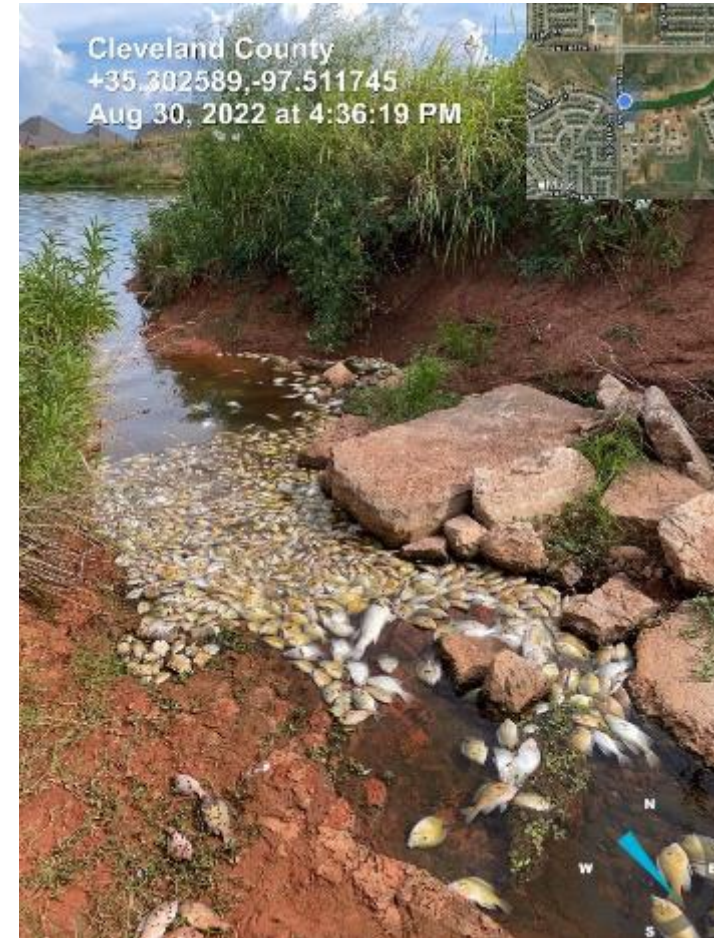
161

DEQ fish kills

57

Referred complaints & spills

147



Moore, OK, August 2022



Accomplishments

Federal, State, and Local Planning and Coordination Efforts, Trainings, and Exercises/Workshops	
Description	Dates
Multi-agency Storm Event Coordination	May 4 – 9, 2022
EPA Air Monitoring Initiative	June 2022
FEMA R6 Mitigation Workshop	July 12 – 14, 2022
Mobile Radiation Source Outreach	July 19, 2022
SEOC Operations Tactics Coordination	July 27, 2022
OEM State Hazard Mitigation Meetings	July 28, 2022
Working with Poison Control Centers Webinar	October 25, 2022



Outlook

Federal, State, and Local Planning and Coordination Efforts, Training, and Exercises/Workshops	
Description	Dates
Four Corners Emergency Management Conference	December 5 – 7, 2022
Oklahoma Emergency Management Conference	March 2023
Hazwoper (field staff)	June 30, 2023
State Hazard Mitigation Plan Updating	Due for completion 2024

State Report Outs





Overview

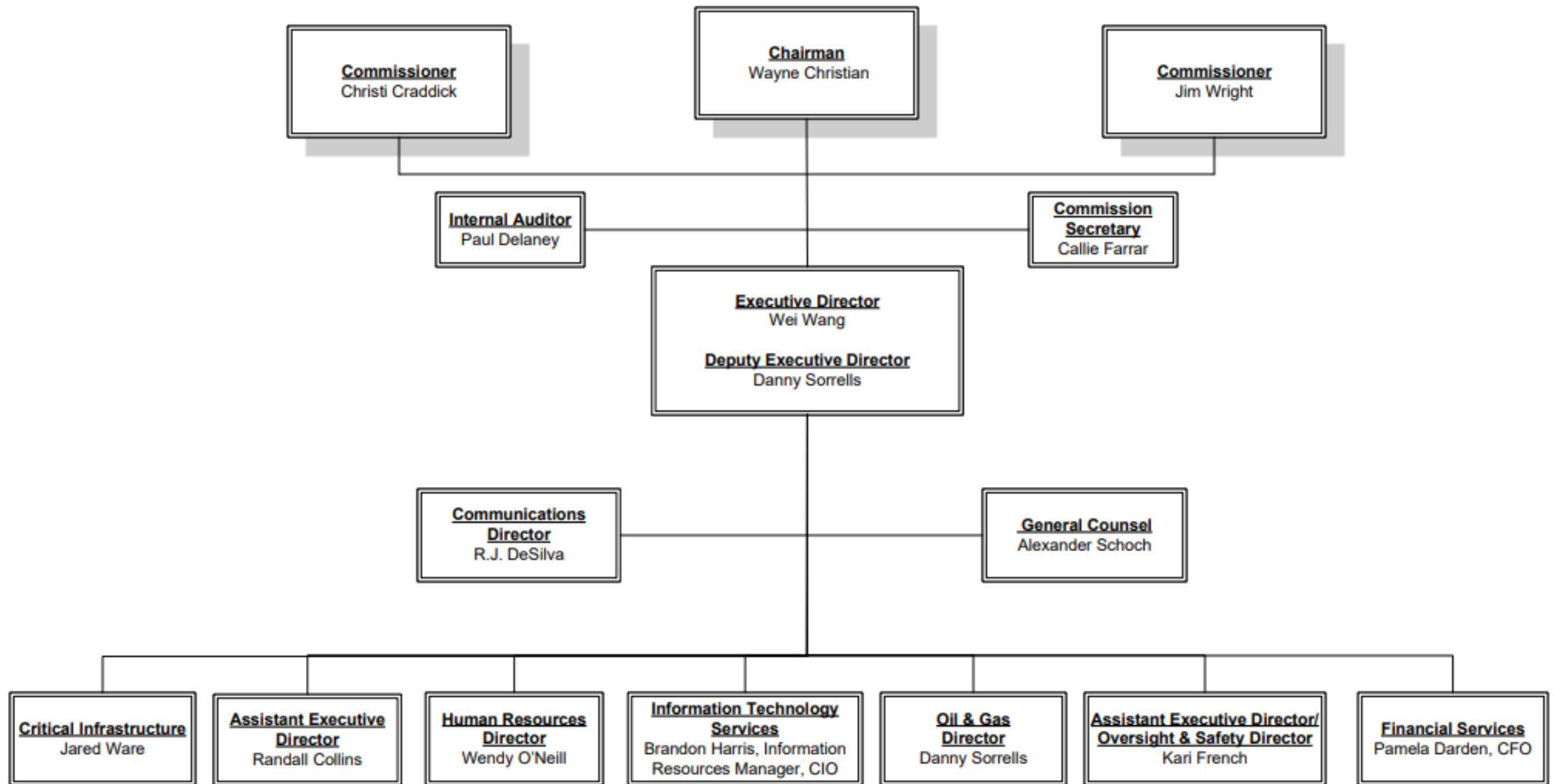
- Personnel and Organizational Chart Updates
- Regulatory Updates
- Safety Training Updates
- Performance Metrics
- Emergency Cleanup Activity Briefing



Railroad Commission of Texas – Personnel Updates

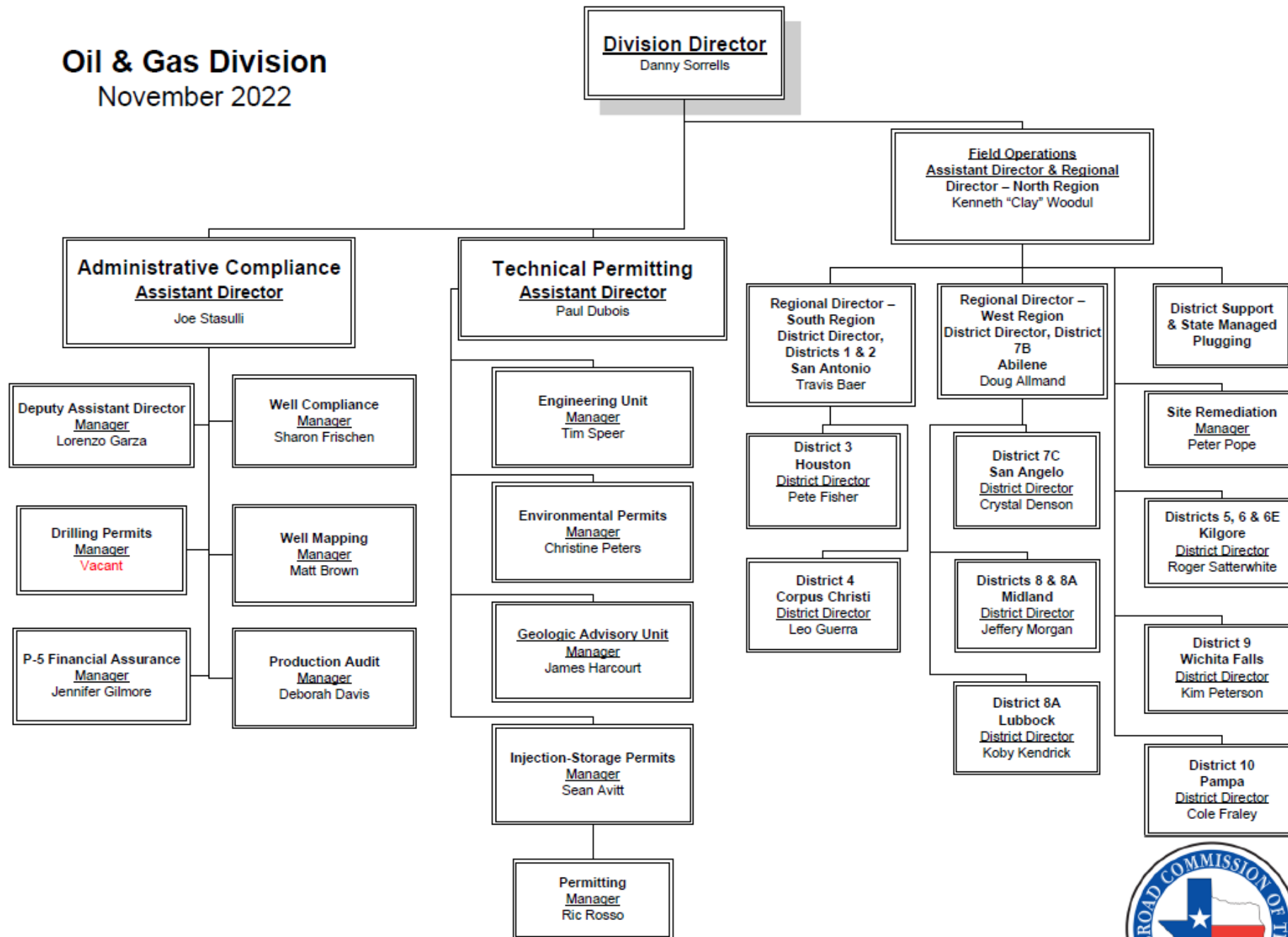
Role	Name/Position	Division/Section	Contact Info
Primary RRT Representative	Peter G. Pope, Manager	Oil & Gas – Site Remediation – Field Operations	512-463-8202 peter.pope@rrc.texas.gov
Alternate RRT Representative	Melissa LaSalle, Engineering Specialist	Oil & Gas – Field Operations	512-463-6799 melissa.lasalle@rrc.texas.gov
Emergency Operations	Chance Karshens, Safety Officer	Critical Infrastructure	512-463-7318 chance.karshens@rrc.texas.gov
Emergency Operations	Eddy Lanfranco, Safety Officer	Critical Infrastructure	512-463-7004 eddie.lanfranco@rrc.texas.gov
District Office Leadership	Michelle Terrell, Assistant Director	Oil & Gas – Corpus Christi District Office	361-242-3113 michelle.terrell@rrc.texas.gov

The Railroad Commission of Texas – Overview



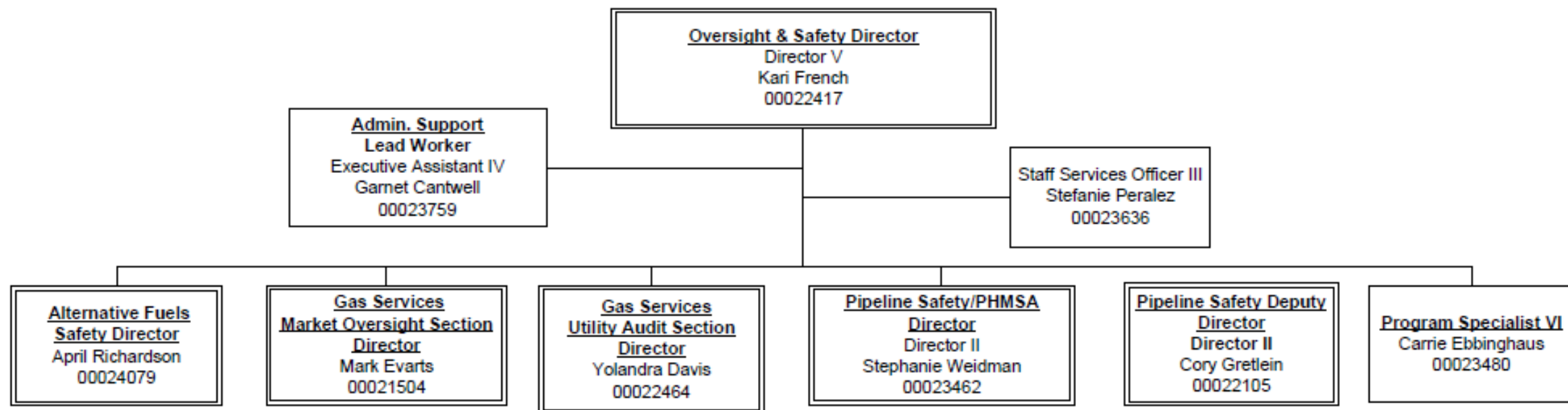
Oil & Gas Division

November 2022

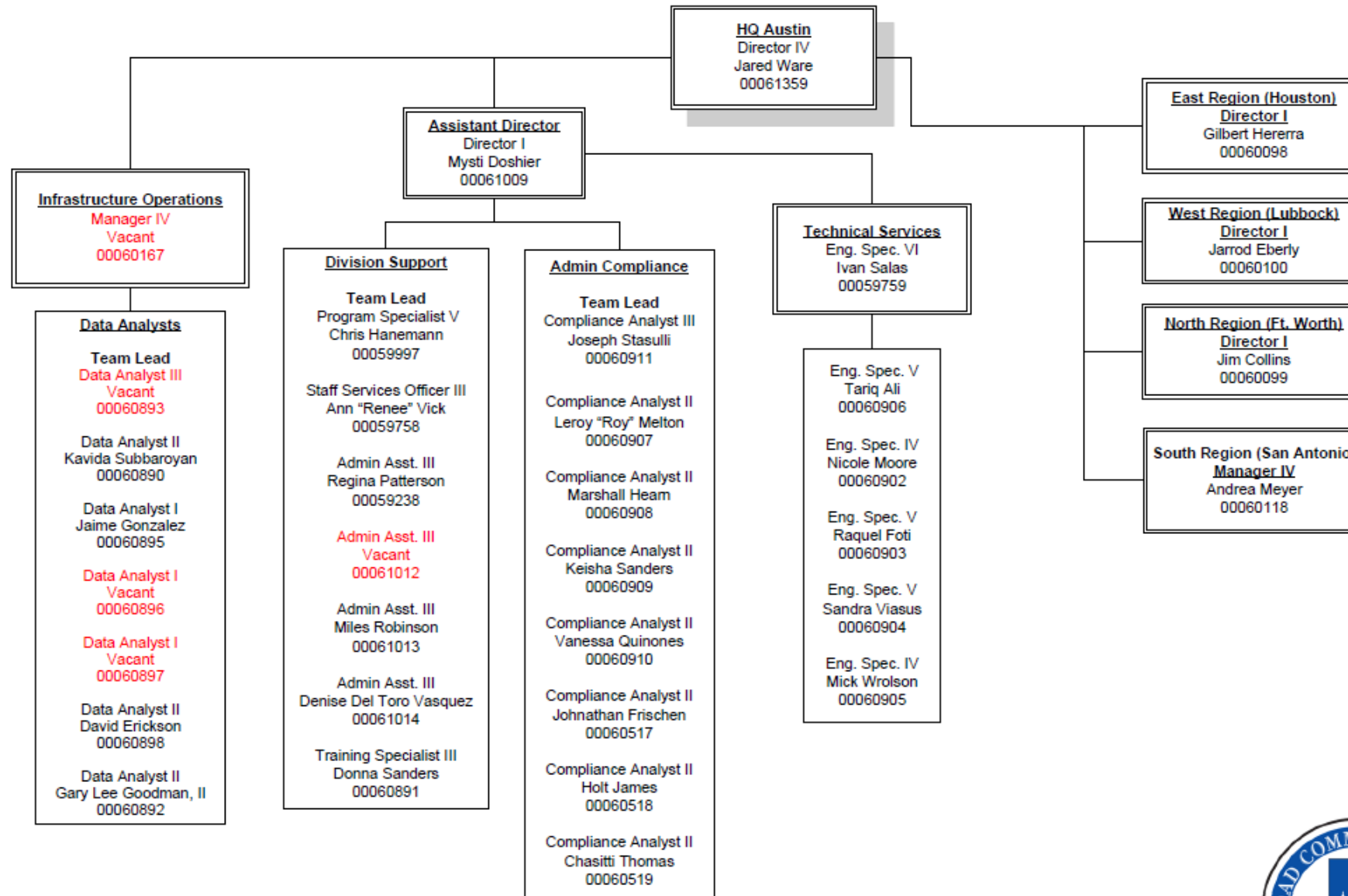


Oversight & Safety – Overview

November 2022



November 2022





Laws/Regulations/Policies

- RRC's weather emergency preparedness standards rule, Rule 3.66, became effective on September 19, 2022.
- Based on RRC's new weather emergency preparedness standards Rule 3.66 being in effect, CID staff will review the Weather Emergency Readiness Attestations required to be filed with the Commission on December 1, 2022.
- RRC continues preparations through tailored inspector training at each regional site and with the implementation of the Critical Infrastructure Inspection System (CIIS) on October 31st, 2022.



Laws/Regulations/Policies

- The “RRC Weatherization Practices Guidance Document – Gas Supply Chain Facilities and Pipeline Facilities” is now posted on the RRC website.
- The purpose of this guidance document is to provide gas supply chain and gas pipeline operators within the State of Texas a series of common practices and considerations designed to enhance an operator’s ability to comply with 16 Texas Administrative Code § 3.66 (“Rule 3.66”), relating to Weather Emergency Preparedness Standards. The link is <https://www.rrc.texas.gov/media/voxij53y/rrc-weatherization-practices-and-recommendations-report.pdf>



Accomplishments

Since last RRT meeting
May 2022

Federal, state, and local Planning and Coordination Efforts		
Description	Location	Dates
Annual Hazwoper 8-hr Refresh	On-line and in-person	Various, per District Office schedule
Annual H2S training	On-line and in-person	Various, per District Office schedule
District Director's Meeting	Abilene	October 11-12
Kilgore District SafelandUSA Training (TXOGA)	Corsicana	October 7
Critical Infrastructure Directors – TDEM Conf.	San Antonio	May 30 – June 2



Outlook

Until Next RRT meeting
4-5 Nov 2022

Federal, state, and local Planning and Coordination Efforts		
Description	Location	Dates
Annual Hazwoper 8-hr Refresh	On-line and in-person	March 2023 or as otherwise needed



Metrics/Trends/Challenges

Texas

FY 23 Oilfield Cleanup Program Work Plan

Plugging

Goal - 1,800 plugged wells

Performance –253 as of 10/24/2022

Cleanup

Goal - 200 completed activities

Performance – 33 as of 10/24/2022

FY 23 is Sept 1, 2022 through August 31, 2023



Uncontrolled, Unknown Well Blowout Harris County, Baytown, Goose Creek Fld





Uncontrolled, Unknown Well Blowout Harris County, Baytown, Goose Creek Fld

Date:	September 27, 2022
Type and amount of product spilled:	Crude oil, natural gas, produced water.
Cause of spill:	Plugged well was disturbed by landowner activity.
Key operational activities:	Booms, pads, concrete block containment, earthen sump for fluid removal, well head repair, site cleanup.
Agencies Involved:	RRC, Local FD, TCEQ, EPA
Major lessons learned/Challenges:	Challenges – affected nearby residential homes and state office building. Complaint of indoor odors. Landowner approval needed for cleanup of building structures and other outdoor surfaces.





Uncontrolled, Unknown Well Blowout Harris County, Baytown, Goose Creek Fld





Uncontrolled, Unknown Well Blowout Harris County, Baytown, Goose Creek Fld





State Report Outs



Fall, 2022



Role	RRT Member	Agency	Contact Info
Primary	Jimmy A. Martinez	Texas General Land Office	512-475-1575 Jimmy.a.Martinez@glo.Texas.gov
Secondary	Brent Koza	Texas General Land Office	361-438-4928 Brent.koza@glo.Texas.gov



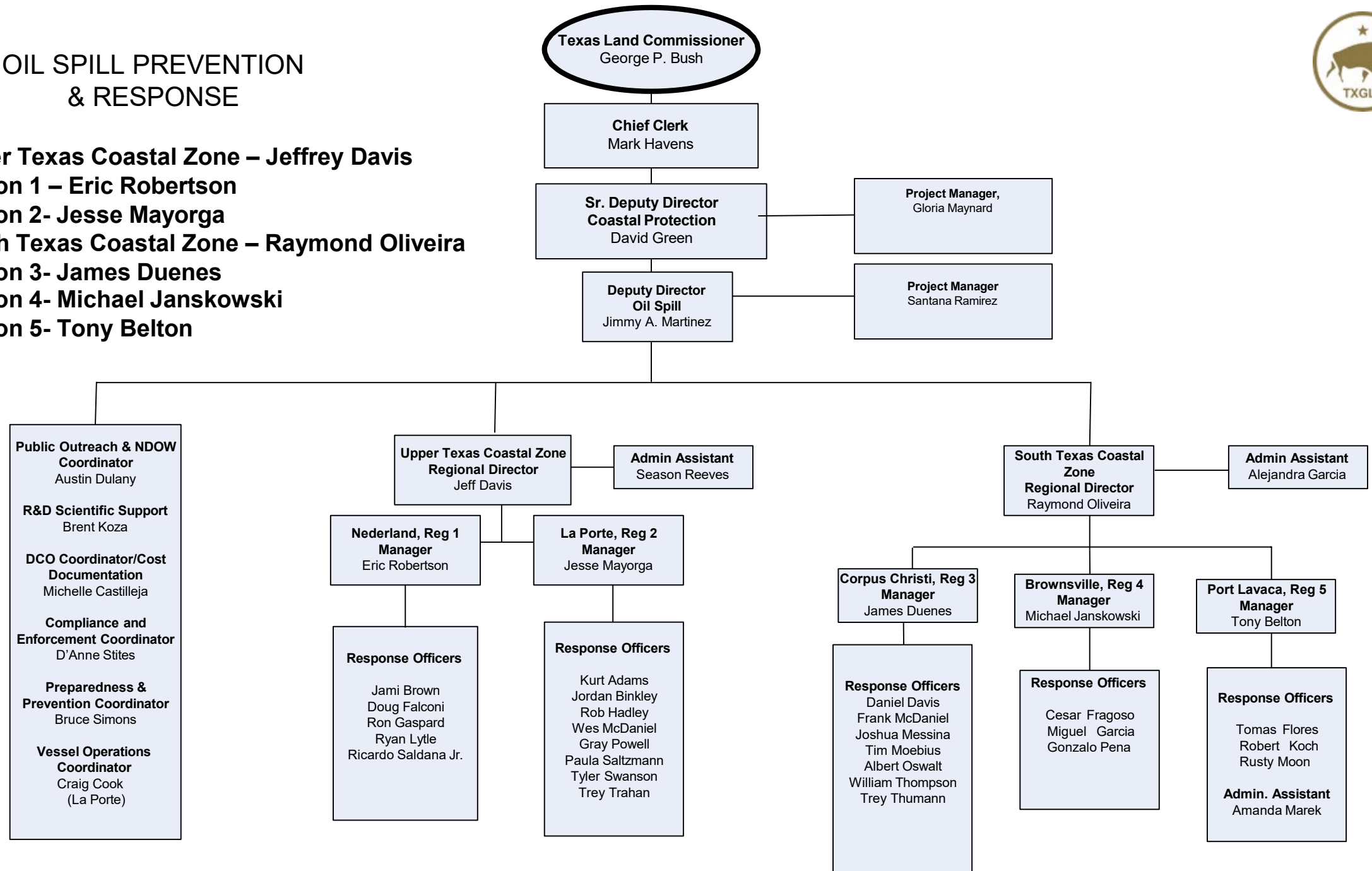
Overview

- The General Land Office continues to operate on a 3 day in office/2 day work from home model. All Oil Spill program jurisdictional spill notifications receive a physical response.
- Oil Spill field staff are enhancing patrol efforts.
- The Oil Spill program continues to seek ways to remove derelict vessels using the program's existing resources and through the Vessel Turn In Program (VTIP).
- The Oil Spill program is investigating opportunities for removal of old exploration and production wells and platforms that have spill histories.
- Oil Spill is fully implementing use of UAVs (drones) for spill response, investigations and assessments. Each field office now has at least one FAA-certified pilot.
- A new Land Commissioner will be elected in November and will take office in early January with the start of the legislative session.
- To date, the 2022 Gulf hurricane season has not impacted agency or program operations.



OIL SPILL PREVENTION & RESPONSE

Upper Texas Coastal Zone – Jeffrey Davis
Region 1 – Eric Robertson
Region 2- Jesse Mayorga
South Texas Coastal Zone – Raymond Oliveira
Region 3- James Duenes
Region 4- Michael Janskowski
Region 5- Tony Belton



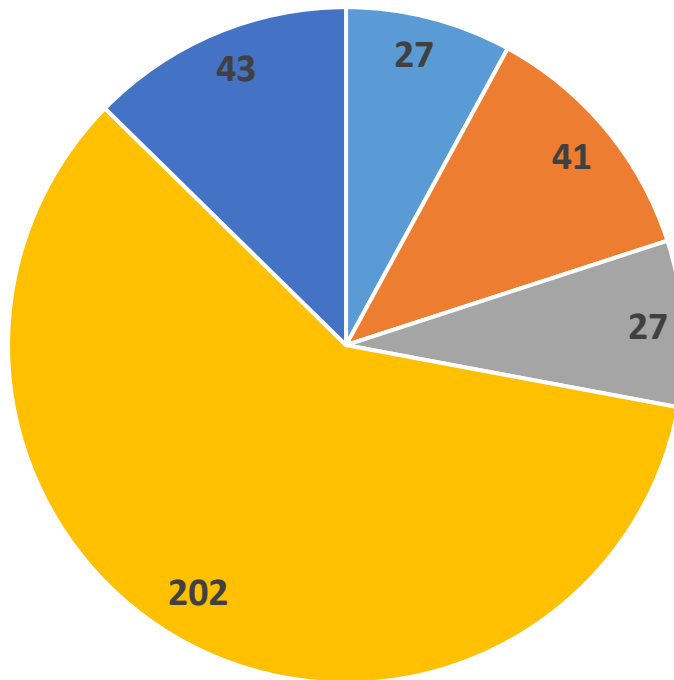


Texas GLO Spill Responses/Spill Sources

FY 2022 - 2nd Half

(March 1 – August 31, 2022)

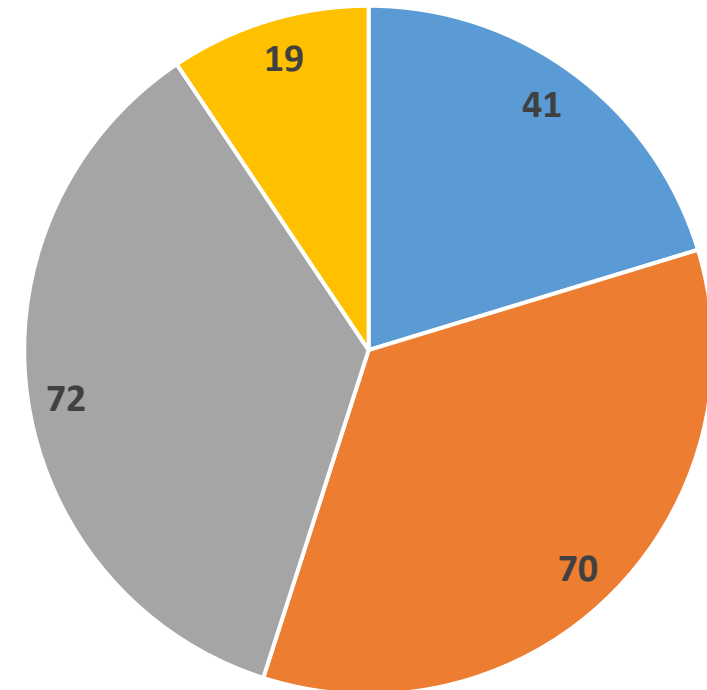
Spill Responses



■ Drill ■ No Spill Found ■ Non JD By Region ■ Spill Found ■ Threat

Based on 340 Responses, including Drills w/ Response

Spill Sources



■ Facility ■ Vessel ■ Unknown ■ Other

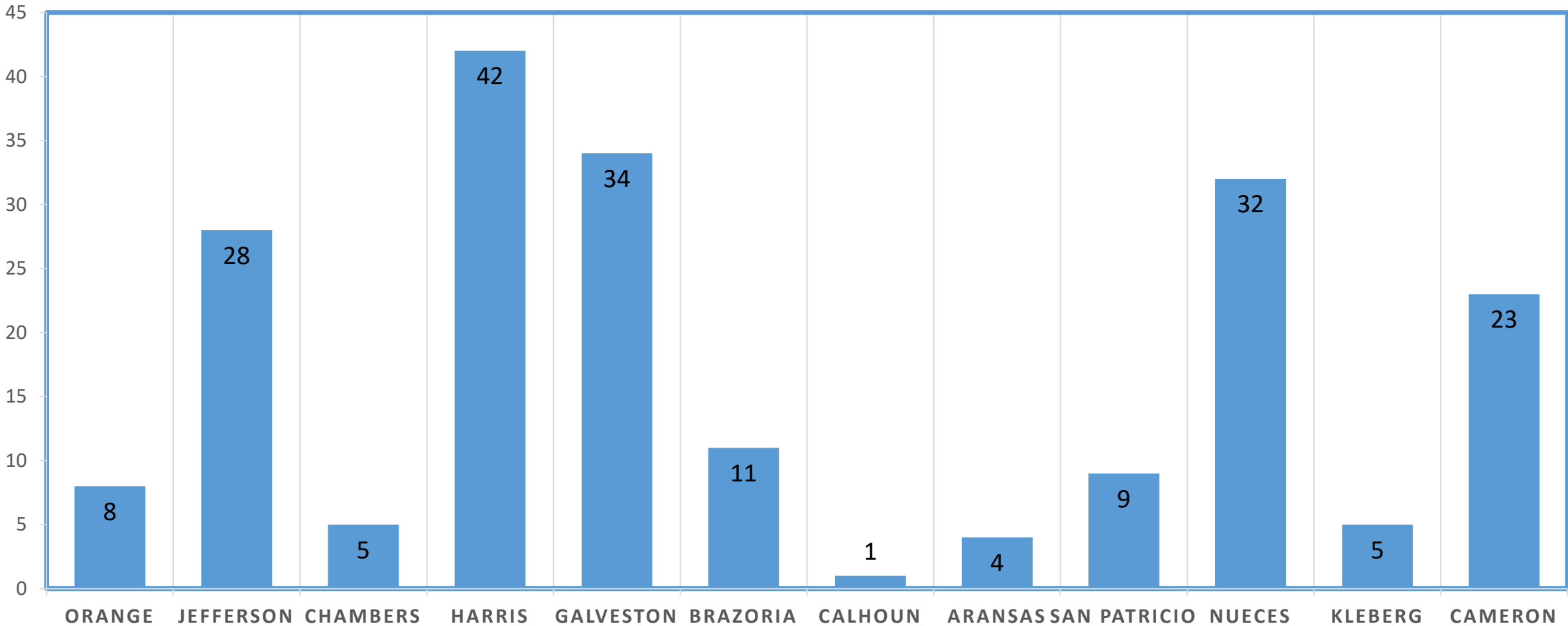
Based on # of Spills Found (202)



Texas GLO Spill Locations

FY 2022 - Second Half

(March 1 – August 31, 2022)





GLO Jurisdiction Spill Amounts

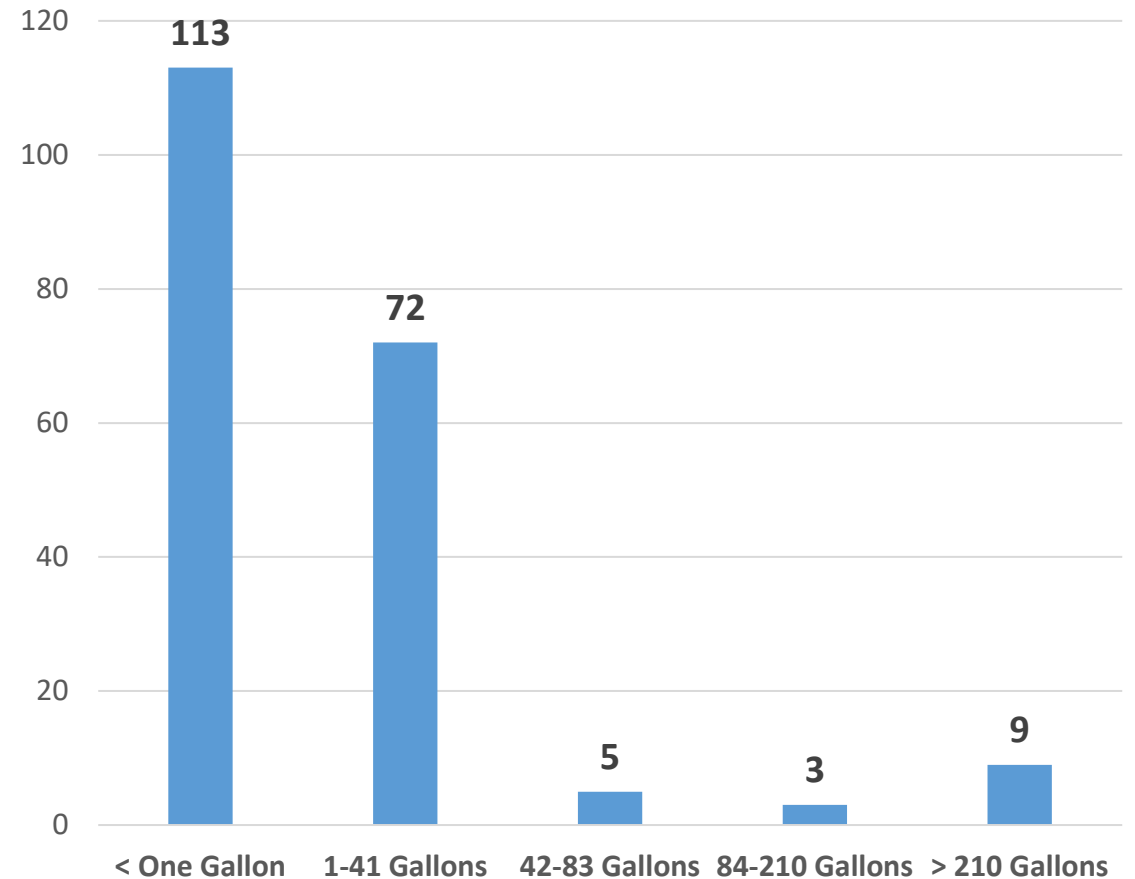
FY 2022 - 2nd Half

(March 1 – August 31, 2022)

Spills of Significance

	Source	Incident Date	Region	County	Water Body	Amount in Water
1	Vessel	6/2/2022	2	Harris	Cedar Creek (Bayou)	4000
2	Facility	7/25/22	2	Chambers	Trinity Bay	4000
3	Facility	5/28/2022	2	Chambers	Trinity Bay	2940
4	Vessel	4/14/2022	2	Harris	Houston Ship Channel	985
5	Vessel	6/15/2022	3	San Patricio	Redfish Bay	525
6	Facility	5/3/2022	1	Orange	Gray's Bayou	460
7	Unknown	5/2/2022	3	Nueces	Gulf of Mexico	331
8	Vessel	8/11/2022	4	Cameron	Brownsville Ship Channel	300
9	Facility	8/15/2022	2	Harris	Tabbs Bay	283
10	Vessel	7/19/2022	2	Harris	Houston Ship Channel	165
11	Unknown	4/14/2022	3	Kleberg	Gulf of Mexico	138
12	Unknown	6/2/2022	3	Kleberg	Gulf of Mexico	99
13	Unknown	5/26/2022	4	Cameron	Gulf of Mexico	77
14	Unknown	8/9/2022	1	Jefferson	Gulf of Mexico	60
15	Unknown	4/21/2022	4	Cameron	Gulf of Mexico	50
16	Vessel	8/11/2022	1	Jefferson	Beans Fleet	50
17	Unknown	5/12/2022	2	Galveston	Gulf of Mexico	43

Total Number of Spills w/ Amounts (402)





GLO Jurisdiction Prevention Efforts

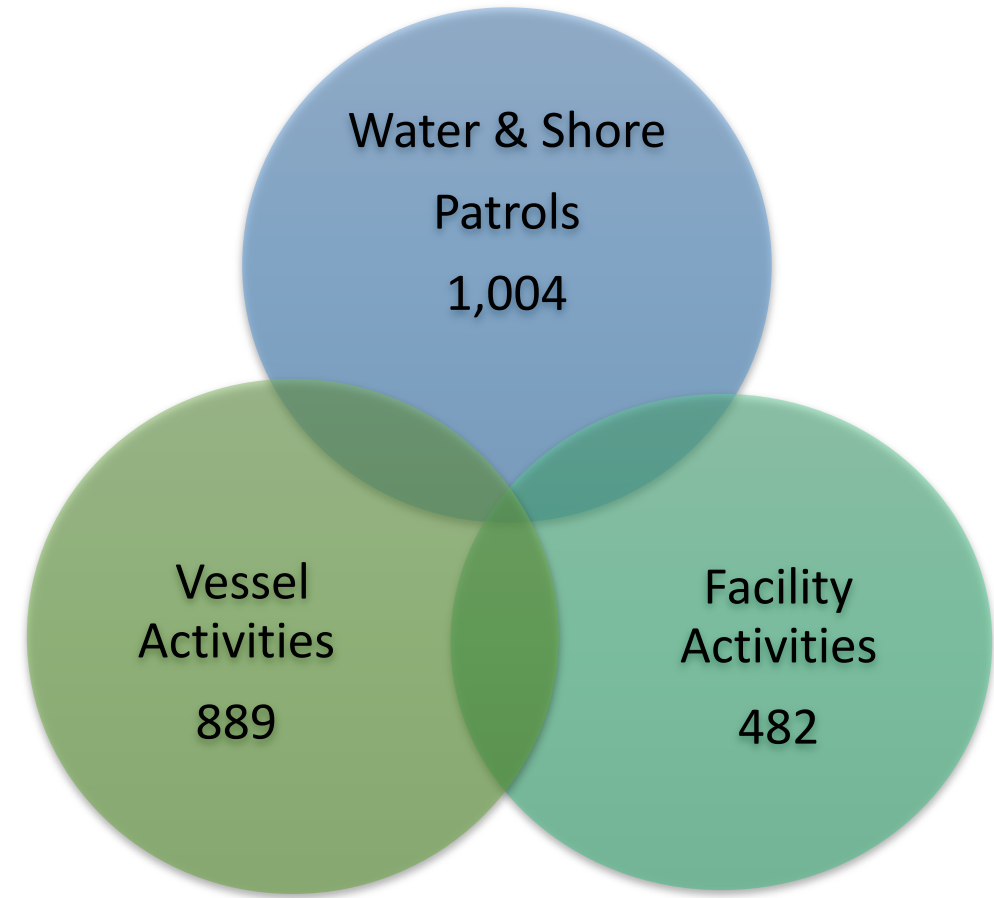
FY 2022 - 2nd Half

(March 1 – August 31, 2022)

Total Certified Facilities	#
FY 2021	531
FY 2022	524
FY 2023 to date	526

Prevention History	FY 21	FY 22
Patrols	2,005	1,971
Vessel Activities	1,755	1,795
Facility Activities	891	876

Date for Full FY 2022 & FY 2021



Data for FY 2022 2nd Half Only



Derelict Vessel Removals FY 2022

Derelict Abandoned Vessel Program

Oil Spill removed 34 vessels during FY 2022 using program resources and authority.

- Nederland/Port Arthur 13
- La Porte 12
- Corpus Christi 8
- Brownsville 1

Vessel Turn In Program (VTIP)

FY 2022, VTIP events took place in Brazoria, Galveston, Orange, Jefferson and Calhoun Counties, as well as Harris County Precinct 2, Corpus Christi and Port Isabel.

- **1,154** vessels removed to date
- **2,166** gallons of fuel removed
- Five drums of oil removed
- 99 derelict trailers removed
- **19,265** linear ft/vessel length removed
- **\$9.6** million estimated cost savings

Next up: Ingleside, Harris Co. Precinct 1 and San Patricio Co.



Research and Development FY 2022 to current

Current Project Focus

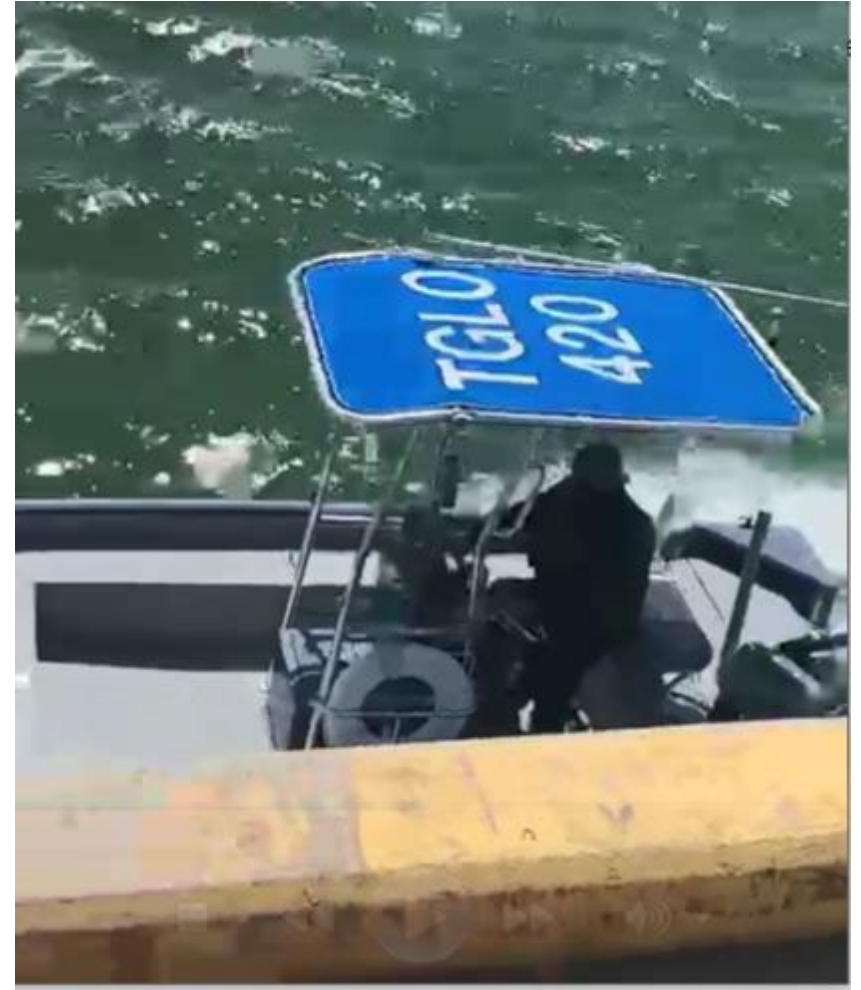
- Preparedness
 - Toolkit improvements
- Spill detection and surveillance
- Dispersants
- Characterization of coastal currents





Laws/Regulations/Policies

- The Oil Spill program has increased patrol efforts to promote program awareness and improve spill detections.
 - For FY 2023, field office patrols will be 40 percent by boat and 60 percent by vehicle for each field office.
 - For FY 2024, field office patrols will be 50 percent by boat and 50 percent by vehicle for each field office.
- Oil Spill, on behalf of the General Land Office, completed an updated Certificate of Authorization with Texas A & M University Corpus Christi for Unmanned Air System (drone) use.





Accomplishments

FY 2022 - 2nd Half

March 1 – August 31, 2022

Coordination Event/Exercise	Location	Date
Lydia Ann Channel Fleet Drill	Corpus Christi	3/14/22
Lydia Ann Channel Fleet Drill	Corpus Christi	3/31/22
Calhoun County EMC Meeting	Port Lavaca	4/8/22
FOSCR Training	Corpus Christi	4/18/22
Sector Houston-Galveston PREP Exercise	Baytown	4/12-13/22
NDOW Full Scale Exercise	Galveston	4/25-29/22
All Hazards Coastal Bend Hurricane Conference	Robstown	5/4-5/22
South Texas Waterways Advisory Committee (STWAC) Marine Firefighting Subcommittee Meeting	Corpus Christi	5/12/22
2022 MEXUSGULF Seminar	Virtual	5/18/22
TACESG Meeting	Corpus Christi	5/3-4/22
Coastal Plains LEPC Meeting	Corpus Christi	5/19/22
Port of Corpus Christi Authority (PCCA) Virtual Hurricane Town Hall	Corpus Christi	5/19/22
Hurricane and Preparedness Town Meeting	Houston	5/21/22
Corpus Christi Port Security Working Group Meeting	Corpus Christi	6/21/22
SOC Hurricane Exercise	Austin	6/14-15/22
Plains All-American Full-Scale Exercise	Corpus Christi	6/22-23/22
Port Arthur Shrimpers Association Meeting	Port Arthur	7/6/22
NDOW Branch Director & Division Group Supervisor Training	Virtual	7/19/22
NDOW Quarterly Meeting	Corpus Christi	7/26-27/22
Brownsville GLO / US Coast Guard Boarding	Brownsville	7/28/22
Titan Deployment Drill	Brownsville	8/2/22
Gulf Resource Advisor Training	Virtual	8/4/22
GLO Toolkit Intro - NDOW	Virtual	8/25/22



Hurricane Preparedness Preseason



List the regulatory authorities over the following facilities or entities that handle hazardous substances and/or oil that may be impacted by a hurricane (e.g., permitted facilities, RMP, FRP, transfer facilities)

- **Texas General Land Office (GLO)**
- **U.S. Coast Guard (USCG)**
- **Environmental Protection Agency (EPA)**
- **Texas Commission on Environmental Quality (TCEQ)**
- **Texas Railroad Commission (RRC)**

Does the Agency maintain a list of facilities or entities that may be impacted, with contact information? If so, how often is the list updated?

- **Under the Oil Spill Prevention and Response Act, the General Land Office maintains a database of agency-certified facilities.**
- **Contact information is maintained by the owner/operator/PIC of the facility and is required to be updated as any change occurs.**
- **Every facility is inspected at least once per year.**

Does the Agency participate in stakeholder outreach events for hurricane preparedness? If so, provide examples.

- **All Hazards Coastal Bend Hurricane Conference (Robstown)**
- **Hurricane and Preparedness Town Meeting (Houston)**
- **SOC Hurricane Exercise (Austin)**
- **GLO Agency Hurricane Exercise (Austin)**

Does the Agency conduct any public affairs or external outreach to facilities (or public) potentially impacted? If so, provide examples of activities.

- **The GLO Communications and Community Development and Revitalization divisions push media advisories and social media promoting storm preparation, safety and recovery opportunities for the general public.**
- **The Oil Spill program participates in industry and general public outreach events with messages specifically targeted to each audience.**

Does the Agency participate or conduct hurricane preparedness exercises (WS, TTX, or FSE)? If so, provide dates, locations, lessons learned and/or recommended best practices.

- **SOC Hurricane Exercise (Austin) (June, 2022) (Interagency cooperation, networking, familiarization with state STAR assistance request system)**
- **GLO Agency Hurricane Exercise (Austin) (May, 2022) (agency procedures, hurricane team staff and framework)**



Hurricane Preparedness

Post Landfall



How does the Agency maintain situation awareness POST-landfall (e.g., com.operating picture, assessments, facility status checks)? Provide examples.

The GLO maintains situational awareness post landfall by

- **FIRST ensuring staff safety and location both pre & post landfall**
- **Beginning initial assessments of GLO assets as soon as employees may safely return to their home areas**
- **Coordinating assistance with other GLO field offices safely out of the impacted areas**
- **Ensuring communications systems and command posts are suitably and timely placed coordinating with local DDC offices as well as with Austin agency and SOC staff**
- **Coordinating and participating in initial overflights as soon as possible**

Provide Agency stakeholder activities (e.g., targeting, battle rhythm, EOC / IOF / JFO staffing, site walks, inspections).

As soon as safely and logistically possible, the GLO Oil Spill program and Coastal Resources divisions begin assessments in coordination with stakeholders in the impacted areas

Provide examples of information flow activities (e.g., stakeholder calls, situation reports, IAPs).

- **Agency brief out meetings generally occur at 0900**
- **Agency Situation reports are provided for the Commissioner and Executive staff generally by 1600 from information gathered via agency meetings and coordinated through SOC staffing**
- **Statewide SOC Brief out meetings have historically occurred at 0000; 0700; 1400; 1900**
- **SITREP submissions are due approximately 1400 for release at 1600**

Summarize public affairs and external outreach activities (e.g., press releases, social media).

All media is coordinated through the agency's Communication division and will include press releases, social media and media events if safe and appropriate for the incident. Media is also coordinated through appropriate Incident Command.



Hurricane Preparedness Hotwash



Lessons learned from the past year's activities (e.g., funding, staffing): **The GLO adjusted storm team roles based on staff availability, need and expertise.**

Improvements in preparedness in the past year (e.g., new reporting system, improved contacts with facilities of concern): **The GLO continues to enhance storm preparedness efforts. Ability to conduct in person preparation activities has made activities more beneficial and meaningful to the agency, particularly on the agency storm team. Texas Dept. of Emergency Management held a well-planned statewide hurricane exercise that was of great benefit for the GLO and other agencies.**

Ongoing and/or new concerns (e.g., environmental justice, air monitoring, health and safety): **Health and safety for GLO responders will always be an ongoing concern. We also continue to address cybersecurity issues, particularly with remote operations.**

Things that went well this year (e.g., coordination between agencies, outreach): **No major storm impacted Texas.**

Areas for improvement (e.g., communication between field units): **Even the most thoughtful and exercised plan will need adjustments. However, because we base hotwash suggestions for improvement on actual incidents that occurred, we can provide no areas for improvement at this time. We will continue to exercise our communications systems internally as well as with our external response partners and regulated community.**

Unique challenges (e.g., COVID, supply issues): **We did not experience any unique challenges as we tested the agency hurricane plan, internally and through the statewide exercise.**



Outlook

Exercise/Coordination Event	Location	Date
Clean Gulf Conference	New Orleans	11/8-10/22
Vessel Turn In Event	Ingleside	11/15-19/22
Area Committee Meeting	Brownsville	11/16/2022
NDOW Quarterly Meeting	Austin	Jan. 2023
GLO R & D Request for Applications Target Announcement Release	Virtual	Feb. 2023
GLO - NOAA SCAT Class	Galveston	4/10-14/23
Vessel Turn In Events	Harris Co. Precinct 1, San Patricio County	TBD



Oil Spill Prevention and Response

512-475-1575

Brent.koza@glo.texas.gov

oilspills@glo.texas.gov

State Report Outs



RRT-6 Fall 2022 Meeting



Texas



PRIMARY	TCEQ	Anthony	Buck	anthony.buck@tceq.texas.gov
ALTERNATE	TCEQ	Tom	Erny	Tom.Erny@tceq.texas.gov



Executive Summary

Texas



Challenges-	Personnel turnover Mission Creep
Lessons Learned-	Hybrid work schedules Continue to improve and streamline hiring practices
Best Practices-	Keep in touch with your Local, State, and Federal partners



Personnel Changes

Texas



Role	Incoming	Outgoing
Deputy Executive Director	TBA	Ramiro Garcia
Director OOW	Cary Michel La Caille	Earl Lott
Director OOA		Tanya Baer
Area Director Coastal and East Texas	David Van Sost	Jonathon Walling
Area Director Central	Joel Anderson	Susan Jablonski
Regional Director Abilene and San Angelo	TBA	Winona Henry
Regional Director El Paso and Midland	TBA	Lorinda Gardner



Personnel Changes

Texas

Role	Incoming	Outgoing
Regional Director Amarillo	Eddie Vance	Brad Jones
Regional Director Waco	TBA	David Van Sost
Regional Director Austin	Lori Wilson	David Van Sost
Regional Director San Antonio	TBA	Joel Anderson
Chief Toxicologist	Sabine Lange	Mike Hunnicutt



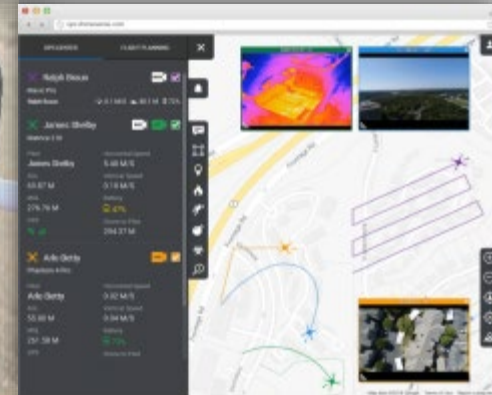
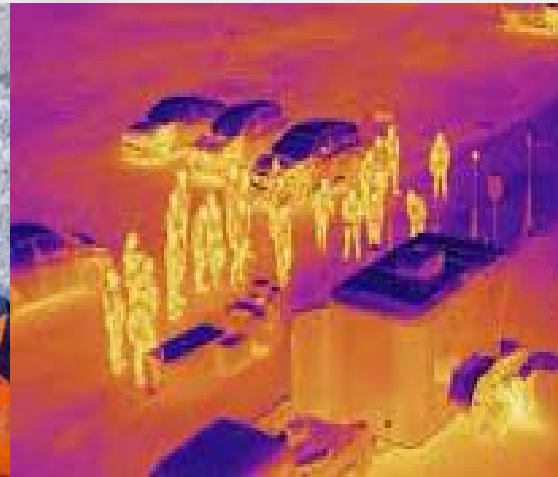
Accomplishments

Texas



Unmanned Aerial Systems (UAS)

Since February 11, 2020 the Texas Commission on Environmental Quality (TCEQ) UAS program has grown in personnel and capabilities. Approximately 53 107 certified pilots in Central Office and the 16 Regions.
42 UAS throughout the State



Autel EVO II Dual Drone w/thermal imaging and 8x Optical Zoom

UAS DroneSense Encrypted Software



Unnamed Site

La Grange, Texas



Date:	October 12, 2022
Type and amount of product spilled:	<p>Waste from an industrial solid waste recycler of waste glycerin including methyl ester, free-fatty acids (FFA), methanol, and purified glycerin.</p> <p>Amount spilled unknown.</p>
Cause of spill:	Undetermined at this time.
Key operational activities:	Industrial Hazardous Waste investigation, Air monitoring and Regulatory Oversight.
Agencies Involved:	TCEQ
Major lessons learned:	Multiple teams were sent with different objectives. Including but not limited to Air monitoring, Water samples and Waste samples.





Jet Fuel release

Texas



Date:	October 17, 2022
Type and amount of product spilled:	Jet Fuel (JP8) 2,700 gallons to pavement and soil.
Cause of spill:	Truck tractor semi-trailer (TTST) accident. Trailer separated from tractor and landing gear punctured tanker.
Key operational activities:	Air quality monitoring and Regulatory Oversight.
Agencies Involved:	TCEQ, TDEM, DPS (HP and CVE), TXDOT, City of Mathis PD
Major lessons learned:	Continuing to develop and maintain relationships with local, state and federal partners ensures successful response activities





T-45 Aircraft Accident



Date:	August 16, 2022
Type and amount of product spilled:	Approximately 100 gallons of jet Fuel and aircraft debris to soil.
Cause of spill:	Aircraft accident.
Key operational activities:	Regulatory Oversight.
Agencies Involved:	TCEQ, TDEM, Navy OSC, Aircraft Mishap Board (AMB)
Major lessons learned:	Continuing to develop and maintain relationships with local, state and federal partners ensures successful response activities





Wind Turbine Fire



Date:	August 13, 2022
Type and amount of product spilled:	Unknown amount of Hydraulic fluid to soil.
Cause of spill:	Wind turbine motor failure.
Key operational activities:	Regulatory Oversight.
Agencies Involved:	TCEQ, TDEM,
Major lessons learned:	Continuing to develop and maintain relationships with local, state and federal partners ensures successful response activities





Metrics/Trends/Challenges

Texas



87,172 Tier 2 reports

25 of them being Agriculture Ammonium Nitrate



Outlook

Texas



Training

Description	Dates

Exercises/Workshops

Description	Dates

Fed/State/Local planning and coordination efforts

Description	Dates
NDOW Hurricane Exercise	May 22-26
NDOW Comms Exercise	TBD



Questions?

State Report Outs





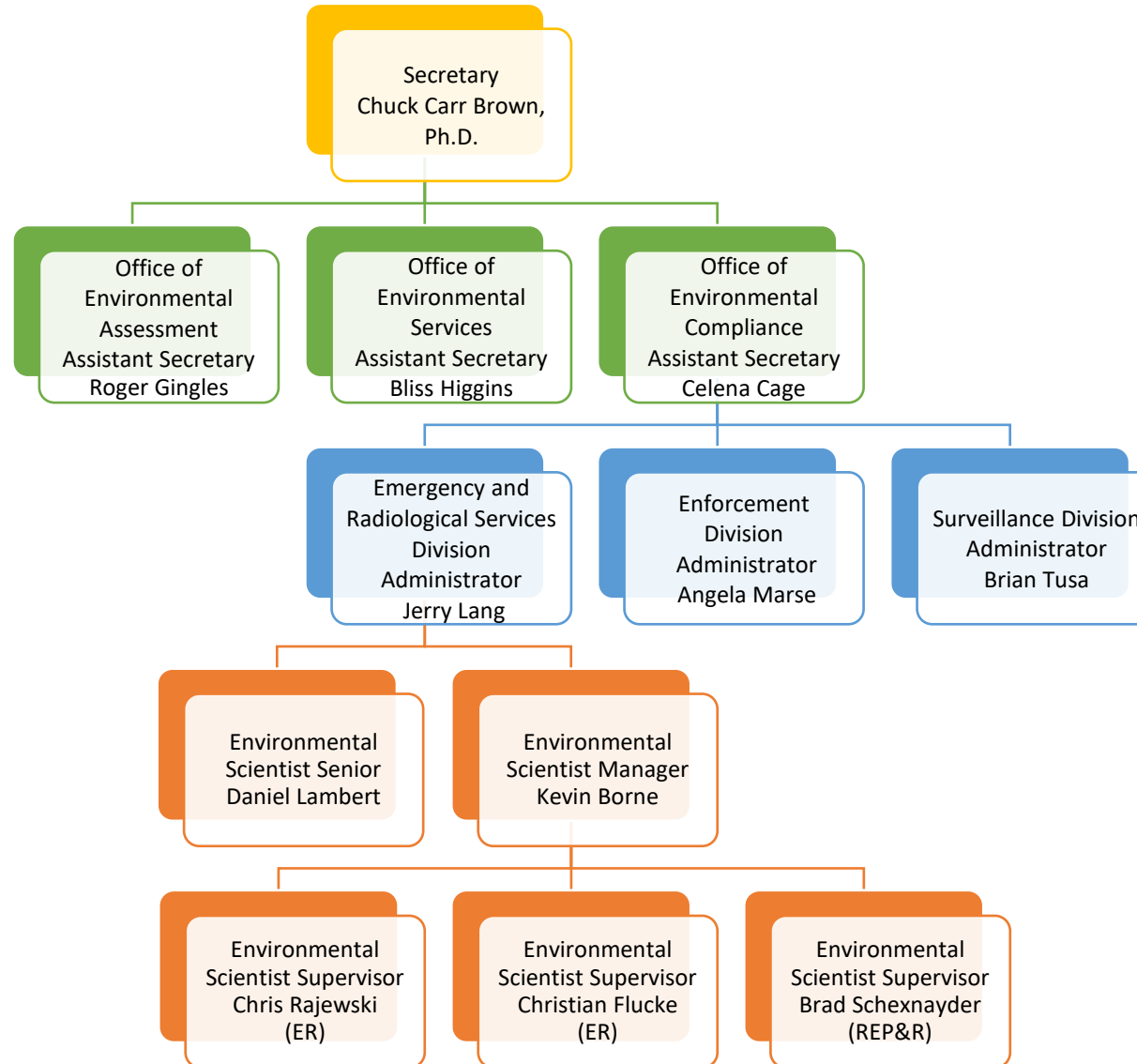
Role	RRT Member	Agency	Contact Information
Primary	Jerry Lang	LDEQ	Jerry.Lang@la.gov
			225-219-2966
Alternate	Daniel Lambert	LDEQ	Daniel.Lambert@la.gov
			225-219-3368
Alternate	Kevin Borne	LDEQ	Kevin.Borne@la.gov
			225-219-3616
Alternate	Brad Schexnayder	LDEQ	Brad.Schexnayder@la.gov
			225-219-3625



Mission Statement

Provide service to the people of Louisiana through comprehensive environmental protection in order to promote and protect health, safety and welfare while considering sound policies that are consistent with statutory mandates.

LDEQ Organizational Chart





Notification/Response Activities

- 2,867 Industry Notifications and Complaints processed by Single Point of Contact (April 20, 2022 – October 12, 2022)
- 529 Emergency Responses from April 20th – October 12th.
- 7/31/22 – WCC Entergy - Frog Lake – Crude Oil
- 8/8/22 – Hilcorp Entergy – Caillou Island – Crude Oil
- 9/25/22 – Entergy – Arabi Substation – Mineral Oil



Accomplishments

Since last RRT meeting
2-3 Nov 2021

Federal, state, and local Planning and Coordination Efforts		
Description	Location	Dates
Multiple Powerplant Related Demonstrations (Chappapeela Sports Park Reception Center, Tulane University Crescent City Thunder, Alario Center Reception Center, Waterford 3 Helicopter, Trinity Medical Center	Various	Various
Exxon Pipeline Drill	Exxon - Baton Rouge	May 26, 2022
Railcar Inspections with UPRR	UPRR - Livonia	June 2, 2022
Radiation Specialist Training for Responders	JESTC - Baton Rouge	July 25, 2022
Federal Outreach Workshop	LDEQ HQ – Baton Rouge	September 27, 2022
UPRR Crude Oil Boom Deployment	UPRR - Lake Charles	October 11, 2022
River Bend Ingestion Pathway Exercise	Multiple	October 18-19, 2022



Outlook

Until Next RRT meeting
4-5 Nov 2022

Federal, state, and local Planning and Coordination Efforts		
Description	Location	Dates
Air Monitoring Class for St. George Fire Department	TBD	November TBD, 2022
Exxon Pipeline Drill	Gonzales, LA	November 7, 2022
Lafourche Ag Center Reception Center Demonstration	Lafourche, LA	November 15, 2022
West Jefferson MS-1 Drill	New Orleans, LA	November 16, 2022
Grand Gulf Nuclear Station Exercise	Multiple	March 22, 2023
Waterford 3 Station Exercise	Multiple	TBD



Hurricane Preparedness Hotwash



- Lessons learned from the past year's activities: The need to streamline how our information is retrieved for submittal to Response Manager.
- Improvements in preparedness in the past year: The Department is in the process of improving the previously mentioned comment.
- Things that went well this year: Excellent training and better understanding of the new Web-Based Response Manager.
- Areas for improvement: Information submittal for Response Manager.

State Report Outs



RRT-6 Fall 2022 Meeting

2 November 2022

Louisiana - LOSCO



- Personnel
- Hurricane Preparedness
- Planning Activities/Priorities
- RRT Activations
- LOSMS
- LOSCO Contact Information



Louisiana - LOSCO



Role	RRT Member	Agency	Title	Contact Info
Primary	Sam Jones	LOSCO	Oil Spill Coordinator	225-925-1840 Samuel.Jones@la.gov
Alternate	Karolien Debusschere	LOSCO	Deputy Coordinator	225-925-7017 Karolien.Debusschere@la.gov
Alternate	Gina Saizan	LOSCO	Program Manager	225-925-7016 Gina.Saizan@la.gov

Agency Organization Chart

Department of Public Safety - Superintendent	Lamar Davis
Louisiana Oil Spill Coordinator's Office - Coordinator	Samuel Jones
Louisiana Oil Spill Coordinator's Office - Deputy Coordinator	Karolien Debusschere
Louisiana Oil Spill Coordinator's Office - Program Manager	Gina Saizan
Louisiana Oil Spill Coordinator's Office - Responders	Paris Battley Jacob Harvey Amy Shultis



Hurricane Preparedness Hotwash



- Lessons learned from the past year's activities (e.g., funding, staffing):
 - Not applicable. No hurricanes have occurred.
- Improvements in preparedness in the past year (e.g., new reporting system, improved contacts with facilities of concern):
 - Improved State Coordination for ESF10
- Ongoing and/or new concerns (e.g., environmental justice, air monitoring, health and safety):
 - Mission Assignments/Funding
 - OPA versus Stafford Act
- Things that went well this year (e.g., coordination between agencies, outreach):
 - Not applicable. No hurricanes impacted Louisiana.
- Areas for improvement (e.g., communication between field units):
 - Natural Disaster Response Plan (NDRP) – Annex 19 Natural Disaster Pollution Response Guidance
- Unique challenges (e.g., COVID, supply issues):
 - Personnel changes during events

Accomplishments

Since Last RRT Meeting 5 May 2022

Federal, state, and local Planning and Coordination Efforts		
Description	Name	Dates
Drill	Chevron Drill	05/11/22 – 05/13/22
	BSEE Government Initiated Unannounced Exercise (GIUE)	05/24/22 & 06/14/22
	BSEE Equipment Preparedness Verification (EPV)	06/08/22
	USCG Rail Tabletop Exercise	06/14/22
	Genesis Energy Drill	06/28/22
	British Petroleum Drill	10/05/22 – 10/06/22
	Louisiana Offshore Oil Port (LOOP) Drill	10/20/22
	Occidental Petroleum (Oxy) Drill	10/25/22 – 10/26/22
	Shell Drill	10/27/22

Accomplishments

Since Last RRT Meeting 5 May 2022

Federal, state, and local Planning and Coordination Efforts		
Description	Name	Dates
Training	Shoreline Cleanup Assessment Technique Team Training	07/05/22 – 07/07/22
	Joint Oil Spill Response Training with USCG and NOAA	07/26/22 – 07/29/22
	Gulf of Mexico Resource Advisor Training	08/03/22 – 08/04/22
	Louisiana State Police Tank Truck Training	08/03/22 – 08/04/22

Accomplishments

Since Last RRT Meeting 5 May 2022

Federal, state, and local Planning and Coordination Efforts		
Description	Name	Dates
Meeting	LEPC coordination	Multiple
	Southeast Louisiana Area Committee Meeting	05/25/22
	South-central Louisiana Area Committee Meeting	09/28/22
	LA Statewide Area Committee Executive Steering Group (LA SACESG)	08/03/22

Accomplishments

Since Last RRT Meeting 5 May 2022

Federal, state, and local Planning and Coordination Efforts		
Description	Name	Dates
Plan	RRT-6 Fish and Wildlife and Sensitive Environments Plan – Annex 28	n/a
	SCLA Area Contingency Plan (Base Plan and Annexes)	n/a
	Special Monitoring of Applied Response Technologies (SMART)	n/a

Outlook

Until Next RRT meeting 16 May 2023

Federal, state, and local Planning and Coordination Efforts		
Description	Location	Dates
Drill	ExxonMobil Drill	03/01/23
Meeting	LA Statewide Area Committee Executive Steering Group (LA SACESG)	11/17/22
	LA Statewide Area Committee	2023
Plan	RRT-6 Priorities	ongoing
	LA SACESG Priorities (see next slide)	ongoing
	Area Committee Priorities	TBD



LA Statewide Area Committee Executive Steering Group (LA SACESG)

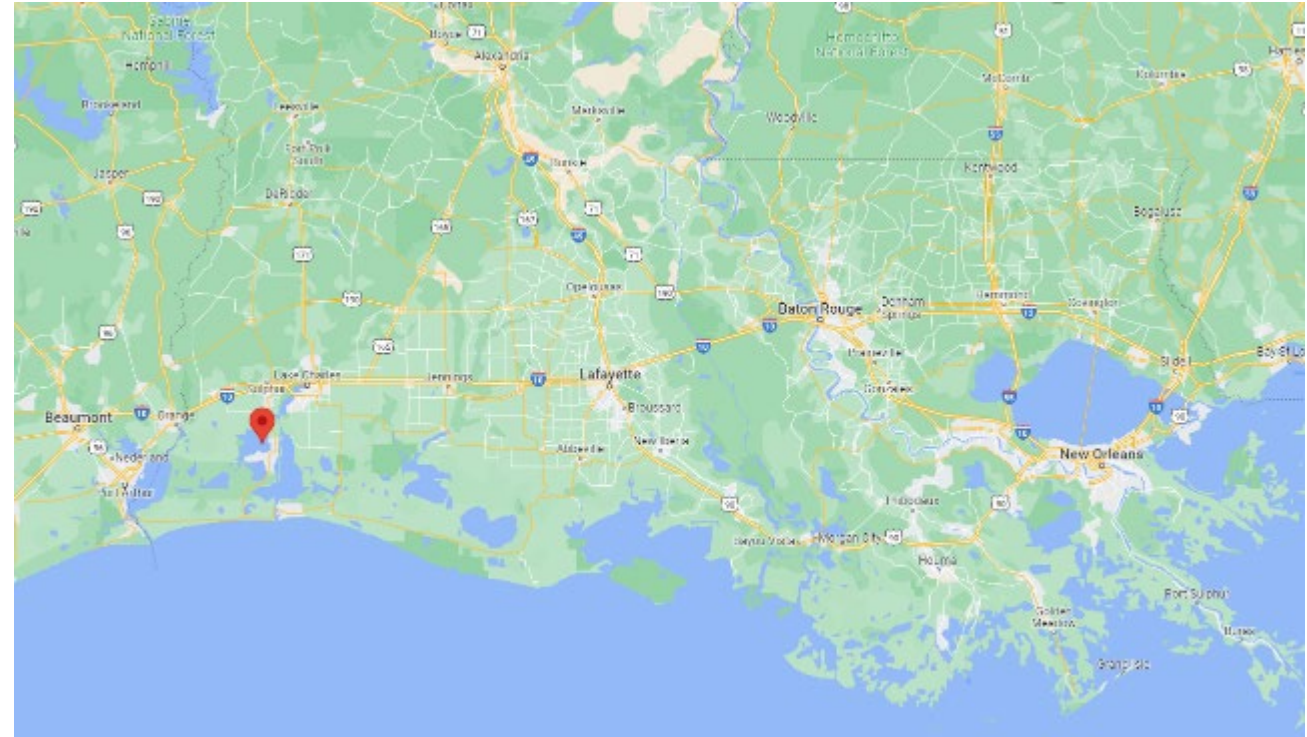


Priority List – In Progress or Continuing			
Priority		Assigned	Status
1.	Conduct Three ESG Teleconferences Annually	LA SACESG	Ongoing
2	Conduct One Annual Face-To-Face Meeting	LA SACESG	Ongoing
3	Prioritize ACP Updates (including Charters and Memberships)	LA SACESG	Ongoing
4	Develop Geographic Response Strategies (GRS) Outreach Documents and Procedures	LA SACESG	In Progress
5	Implement Best Practices for State Historic Preservation Office (SHPO) Engagement	LA SACESG	In Progress
6	Training, Exercises, Lessons Learned Statewide Information Sharing	LA SACESG	In Progress
7	Revise ESF-10 Guidance and Natural Disaster Response Plan (NDRP)	LA SACESG	In Progress
8.	Develop Abandoned Facilities/Wells Assessment and Mitigation SOP	LA SACESG	In Progress

RRT Activations

Since Last RRT Meeting 5 May 2022


- Spill occurred 05/09/22
- RP = Texas Petroleum Investment Company (TPIC)
- In-Situ Burn
- 45 barrels of crude oil
- Released from a 3-inch bulk line
- Black Lake, Cameron Parish



Louisiana Oil Spill Management System (LOSMS)

LOUISIANA OIL SPILL MANAGEMENT SYSTEM 10.0.100


Search LOSCO Spill Response Search NRDA Search NRDA Restoration Projects Search Administrative Records Submit a Project Search Restoration Funds Environmental Data Gateway



LOSMS Spill Response

This portal allows you to search available LOSCO Oil Spill Response records.


SEARCH



NRDA Information

This portal allows you to search available Louisiana NRDA information records.


SEARCH



NRDA Restoration Project Information

This portal allows you to search available Louisiana NRDA Restoration Project records.


SEARCH



LOSMS Managed Restoration Funds

This portal allows you to search available LOSCO managed restoration funds.


SEARCH



Administrative Record

This portal allows you to search available Louisiana Administrative Records.


SEARCH



Submit a Project

This portal allows you to submit a restoration project for potential inclusion in the Louisiana Regional Restoration Planning Program.


SUBMIT A PROJECT



Outreach

Outreach events and activities are designed to be educational and informative. LOSCO is available to visit a variety of venues such as: classrooms, community based festivals, meetings, drills, trainings, and much more.


CONTACT US



Environmental Data Gateway

This portal provides access to open tabular and geospatial data sets, web based applications, and websites related to oil spill response and natural resource/environmental management.

SEARCH



LOSMS
data.losco.org

CONTACT US:
LOSMS@LA.GOV

This database was created and is maintained by the La. Oil Spill Coordinator's Office (LOSMS) for general informational purposes only. The user should be aware that the information contained in this database may have come from a variety of sources, which are of varying degrees of accuracy. LOSMS does not warrant or guarantee its accuracy, nor does LOSMS assume any responsibility or liability for any reliance thereon. The information in this database is not and is in no way intended to be comprehensive and does NOT contain information on all oil spills impacting Louisiana.

© Louisiana Oil Spill Coordinator's Office

- Oil Spill Response Records
- NRDA Information
- NRDA Restoration Project Information
- LOSCO Managed Restoration Funds
- Administrative Records
- Restoration Project Submittal
- Outreach Event Request
- Environmental Data Gateway

Louisiana Oil Spill Coordinator's Office

Department of Public Safety & Corrections



24-Hour Emergency Response Contact:

(225) 200-1921

la.oilspill@la.gov

TO REPORT AN OIL SPILL, CALL:
LSP HAZMAT Hotline (877) 925-6595
NRC Hotline (800) 424-8802



Strategic Petroleum Reserve

Pat Neal

Hurricane Preparedness

Preseason



SPR Facilities

- The Strategic Petroleum Reserve (SPR) includes 4 storage sites, warehouse facility and Project Management Office (PMO). The area includes the Stennis Space Center in Mississippi to Freeport, Texas.
- We operate in three states (MS, LA and TX), three NWS offices and multiple county, parish and local jurisdictions.
- The sites and the Project Management Office (PMO) participate in exercises and drills within their local community and state partner exercises.
- Our public affairs and public outreach are overseen by Cybersecurity, Energy Security and Emergency Response (CESER) in DC.
- Our annual exercise scenarios has included impacts to all the sites or a specific site. The SPR conducts annual training for all employees on a variety of hurricane preparedness topics (personal and professional).
- The focus is always on employee safety, reconstitution and mission attainment in a continuity environment.

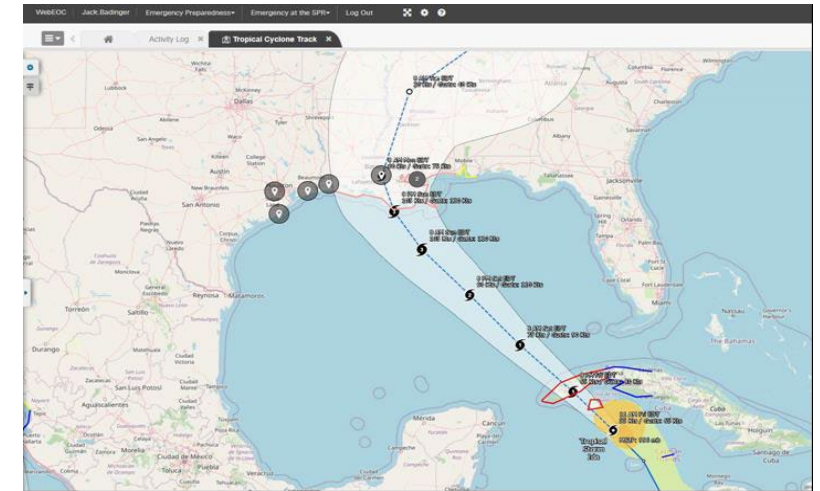


Hurricane Preparedness

Pre-Storm



- The local NWS offices (Slidell, Lake Charles and Houston) are primary driver of our weather awareness.
- State, Parish/County and local conference calls.
- The two “rules”:
 1. We never say this storm is like...
 2. We don’t waste time on unofficial sources



Hurricane Preparedness

Post Landfall



- Immediate assessment from on-site personnel.
- SITREPs from DOE Headquarters and components of ESF-12 (deployed staff).
- Participation in post storm conference calls at Federal, state and local level.
- Provide SPR status via SITREP through our Program Office to DOE Senior Management
- Work with industry partners within the oil distribution system and refineries.





Hurricane Preparedness Hotwash



- What is old is new again....
- NWS service offices are invaluable.
- Unique challenges:
 - COOP within a COOP
 - Oil movements in a post landfall environment



Federal Report Outs



RRT-6 Meeting



(U) Key Personnel Changes & Points of Contact

N40 Region Environmental Coordinator and Branch Head

John E. Baxter, PE

Mobile: +1 904 482 8397

New john.e.baxter24.civ@us.navy.mil

Navy On-Scene Coordinator

Sarah Murtagh

Mobile: +1 904 832 0045

New Sarah.m.Murtagh.civ@us.navy.mil

***New* Deputy Navy On-Scene Coordinator (Training and Exercise)**

Jake Bianchi

jacob.j.bianchi2.civ@us.navy.mil



(U) Area of Responsibility



* Navy is looking to align with EPA Regions (for environmental Matters only), meaning Southeast will cover Region 4, 6, 7, plus VIPR and Caribbean



(U) Executive Summary

Challenges-	<ol style="list-style-type: none">1. Bring awareness to Navy OSC program internally and externally to Navy2. Maintaining agency relationships
Best Practices-	<ol style="list-style-type: none">1. Coordinate with state agencies early in incident2. Return to in person meetings



(U) Region 6 Navy OSC Activation in past 6 months

Incident:	T-45 MISHAP_ NAS Kingsville, TX
Date:	16 Aug – 24 August 2022
Location:	on approach to runway
Substance / Quantity:	F-24/ 100 Gal plus hydraulic oil and remnants of ejection seat explosives
Key Operational Activities:	<ul style="list-style-type: none">- Ejection seat neutralized- Aircraft recovery- Sampling and excavation of 58T soil- Property restoration
Agencies Involved:	Coordination with TCEQ, Nueces County Emergency Services, Kleberg County SO, Corpus Christi Bomb Squad
Conclusion:	2.85 acres of burned vegetation, but no significant cultural or natural resource concerns





(U) 2023 Outlook

Training

Description ICS 300 and 400	Dates
NAS Corpus Christi	TBD
NAS JRB Fort Worth	TBD
NAS Kingsville	TBD
NAS JRB New Orleans	TBD

Exercises/Workshops

Description	Dates
NAS Corpus Christi- Small scenario EX	April 2023
NAS JRB Fort Worth- Medium Scenario	September 2023
NAS Kingsville- Worst Case Discharge Scenario	June 2023
NAS JRB New Orleans- Worst Case Discharge	May 2023



Questions?



Federal Report Outs





FEMA

Role	RRT Member	Agency	Contact Info
Primary	Shannon Moran	FEMA Region 6	940-447-4593 Shannon.Moran@fema.dhs.gov
Alternate	Amanda Cesani	FEMA Region 6	940-205-6799 Amanda.Cesani@fema.dhs.gov
Alternate	Kevin Jaynes	FEMA Region 6	940-230-5126 Kevin.Jaynes@fema.dhs.gov



FEMA

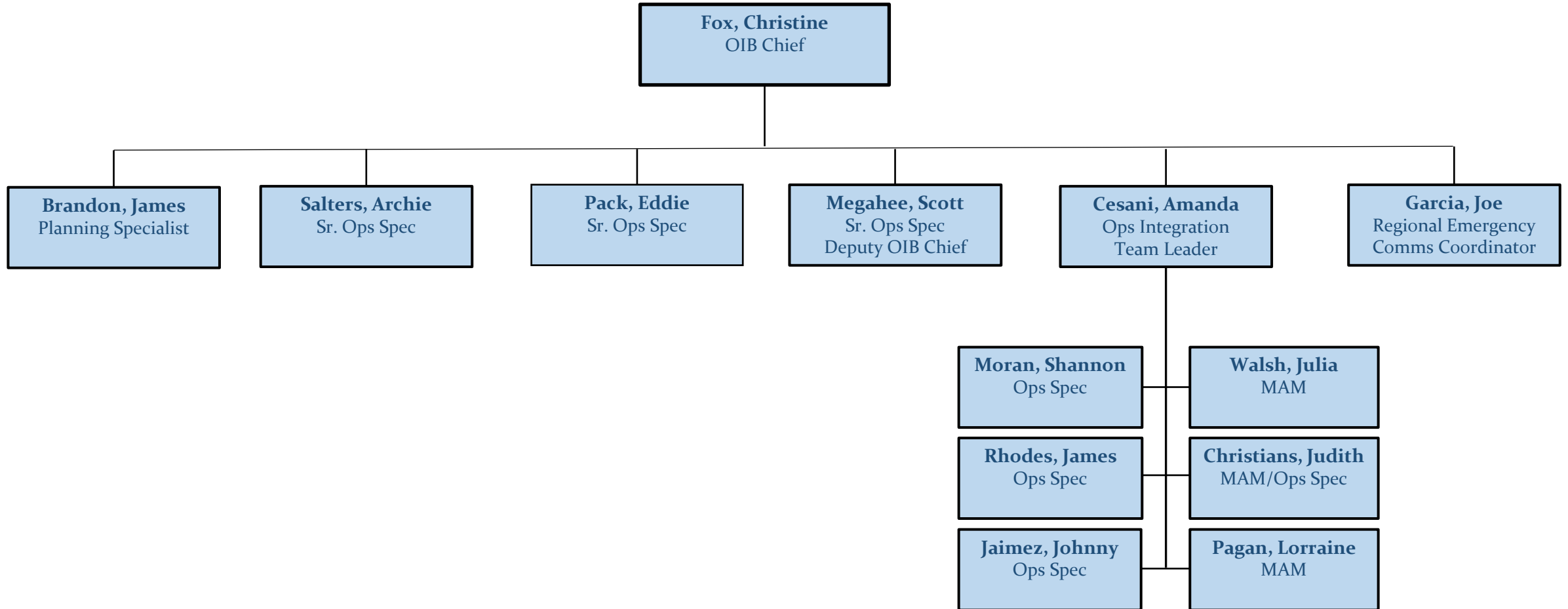
Overview

- Region 6 Operations Staff supporting Hurricane IAN
- 2022 FALL RISC & Training Day
- Preparation for 2022-2023 Winter & Severe Weather
- Initial Planning 2023 Hurricane Exercise (with MSY Evacuations/Safe Harbor)



FEMA

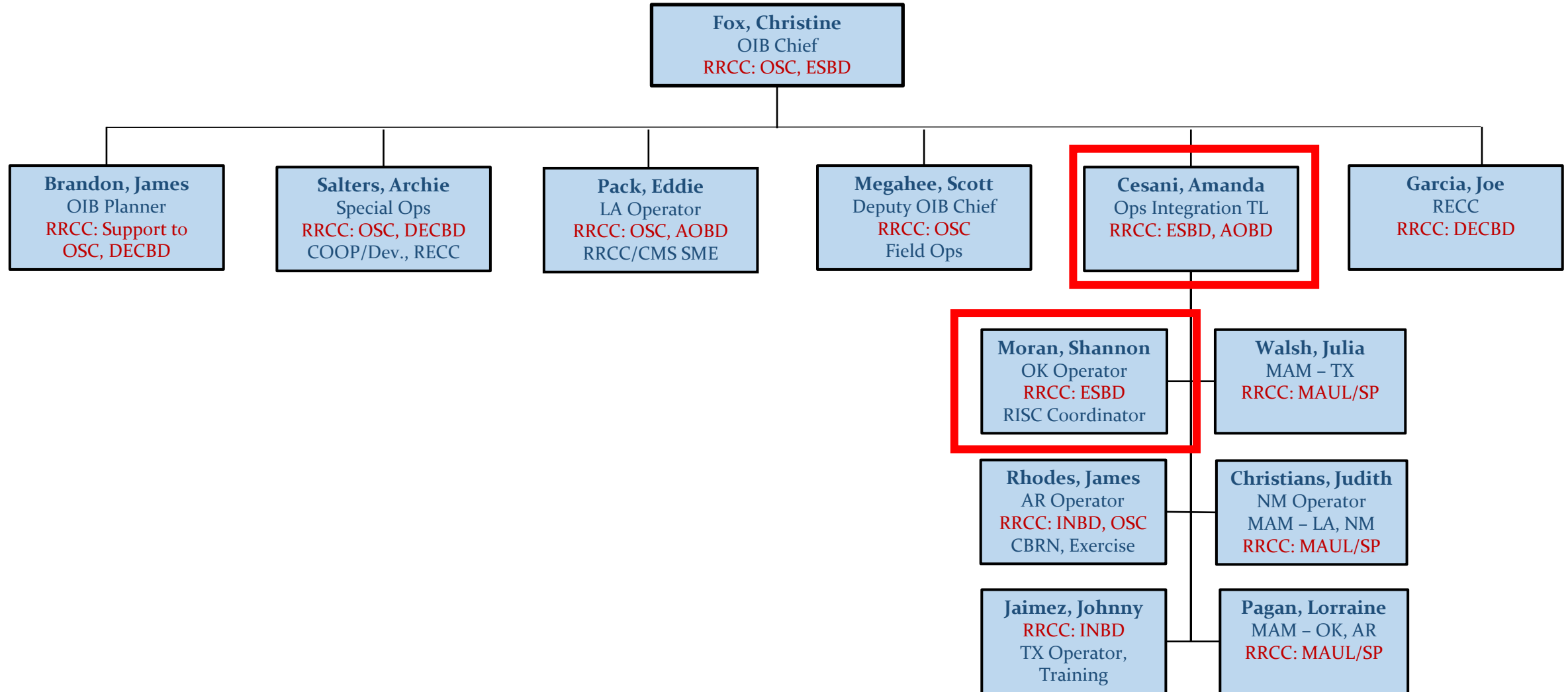
R6 Operations Integration Branch





FEMA

R6 Operations Integration Branch





FEMA

Laws/Regulations/Policies

- FEMA HQ/ESF Leadership Group (ESFLG) published official memo regarding IFMIS stamp on August 26, 2022.
 - Intended to clarify when Other Federal Agencies/ESF partners should begin moving resources during the mission assignment approval process to prevent delays to deploy critical resources during federal response and recovery operations.
 - Distributed to core RRCC ESF/OFA partners in August. Reach out to Shannon, Amanda or Chris for a copy or to discuss.



FEMA

Accomplishments

Since last RRT meeting
5 MAY 2022

Federal, state, and local Planning and Coordination Efforts		
Description	Location	Dates
TDEM Hurricane Exercise	Austin	14-16 June
Louisiana Terrain Walk	Baton Rouge/New Orleans, Louisiana	27-June 01 July
RRCC Hurricane Exercise	Denton, Texas	7-8 June
Texas Search and Rescue Exercise	College Station, Texas	14-16 June
Anatomy of a Disaster Training	Denton, Texas	9 June
Attended Texas EM Conference	San Antonio	31-May 3 June
RRCC Action Tracker Training	Denton	29 August



FEMA

Outlook

Until Next RRT meeting

16-18 May 2023

Federal, state, and local Planning and Coordination Efforts		
Description	Location	Dates
Fall RISC	Denton, Texas	1-3 NOV 2022
Inland Search and Rescue Exercise	College Station, Texas	31 JAN- 3 FEB 2023
Winter Weather Plan Complete	Denton, Texas	13 DEC 2022
Arkansas New Madrid Planning	Little Rock, Arkansas	JAN 2023
Region 6 Hurricane Exercise	RRCC	MAY 2023
Spring RISC & Training Day	TBD	APR 2023



FEMA

Questions?

Christine Mae Fox

Chief, Operations Integration Branch

FEMA Region 6

Cell: 940.218.3445

Iridium: 8816.5147.9975

christine.fox@fema.dhs.gov

Federal Report Outs



RRT-6 Fall 2022 Meeting



Primary	U.S. DHS/ CISA	Steven	Shedd	Steven.Shedd@cisa.dhs.gov
Alternate	U.S. DHS/CISA	Shawn	Perceful	Shawn.a.Perceful@cisa.dhs.gov



Overview

- Hurricane Season Preparations
 - CISA Region 6 Preparations
 - NDOW Support / Participation
- Outlier Research –Tier II Cross-Referencing, Analysis, etc.
- Outreach and Information Sharing



Laws/Regulations/Policies

- Chemical Security Voluntary Program
- Hurricane preparation and notifications to CFATS facilities to maintain security measures and communicate changes



Accomplishments

Training

Description	Dates

Exercises/Workshops

Description	Dates
NDOW FS Exercise Houston	25 April to 29 April
Aerojet TTX	28 October

Fed/State/Local planning and coordination efforts

Description	Dates
LEPCs	Throughout the year
Joint Chemical Security Regional Hurricane EX	Annual



Outlook

Training

Description	Dates

Exercises/Workshops

Description	Dates
Active Shooter Preparedness	12/13/22, 2/28/23

Fed/State/Local planning and coordination efforts

Description	Dates
LEPCs	Throughout the year
Joint Chemical Security Regional Hurricane EX	Annual

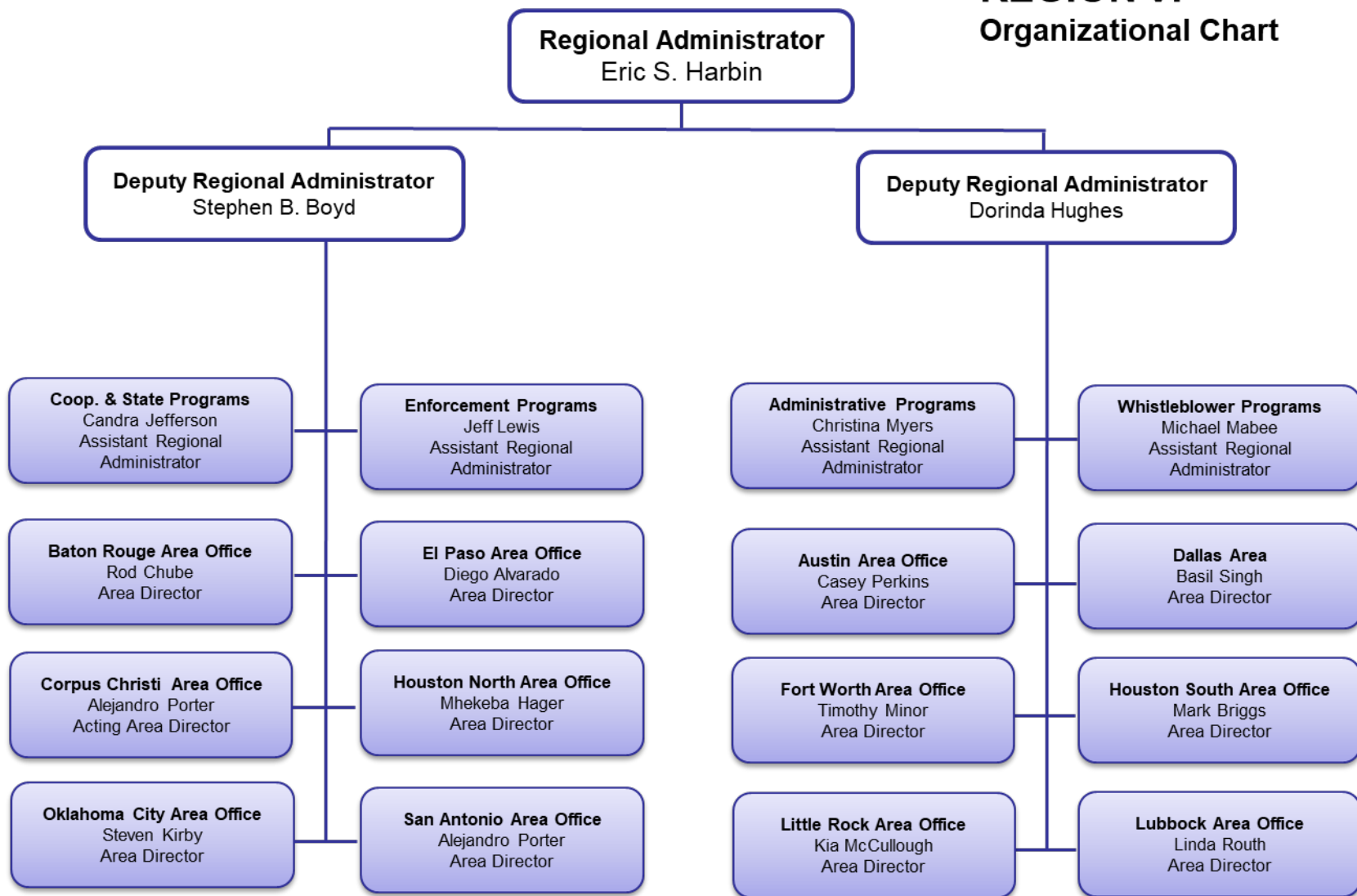
Federal Report Outs





Role	RRT Member	Agency	Contact Info
Primary	James Nevers Emergency Response Coordinator	OSHA	nevers.james@dol.gov 225-337-8669
Alternate	Candra Jefferson, ARA Cooperative and State Programs	OSHA	jefferson.candra@dol.gov 972-850-4188

OSHA REGION VI Organizational Chart





OSHA INSTRUCTION

U.S. DEPARTMENT OF LABOR

Occupational Safety and Health Administration

DIRECTIVE NUMBER: CPL 03-00-024 **EFFECTIVE DATE:** April 8, 2022

SUBJECT: National Emphasis Program – Outdoor and Indoor Heat-Related Hazards

ABSTRACT

Purpose: This Instruction describes policies and procedures for implementing a National Emphasis Program (NEP) to protect employees from heat-related hazards and resulting injuries and illnesses in outdoor and indoor workplaces. This NEP expands on the agency's ongoing heat-related illness prevention initiative and campaign by setting forth a targeted enforcement component and reiterating its compliance assistance and outreach efforts. This approach is intended to encourage early interventions by employers to prevent illnesses and deaths among workers during high heat conditions, such as working outdoors in a local area experiencing a heat wave, as announced by the National Weather Service. Early interventions include, but are not limited to, implementing water, rest, shade, training, and acclimatization procedures for new or returning employees.

Scope: This Instruction applies OSHA-wide.

References: Section 5(a)(1) of the Occupational Safety and Health Act (OSH Act), 29 U.S.C. § 654.
OSHA Instruction, CPL 02-00-164, *Field Operations Manual (FOM)*, April 14, 2020.
(See [Section III](#) for additional references.)

Cancellations: None.

State Plan Impact: Notice of Intent Required, Adoption Encouraged. Federal Program Change, Notice of Intent Required, Equivalency Required. See [Section VI](#).

Laws/Regulations/Policies

Our climate's rising temperatures present a growing hazard for workers in extreme heat environments. Heat illness affects thousands of indoor and outdoor workers each year and can tragically lead to death.

Last fall, OSHA published an Advance Notice of Proposed Rulemaking (ANPRM) for Heat Injury and Illness Prevention in Outdoor and Indoor Work Settings.

The Occupational Safety and Health Administration announced effective April 8, 2022, a National Emphasis Program focused on heat hazards.

- ☐ The National Emphasis Program targets over 70 high-risk industries for both indoor and outdoor workers, from farmworkers to construction and warehouse workers.
- ☐ For the first time ever, OSHA will be able to proactively inspect workplaces for heat-related hazards before workers suffer preventable injuries, illnesses, or, even worse, fatalities.
- ☐ Through this new effort, OSHA is engaging unions, employers, and worker advocates on rules and best practices for keeping workers safe in extreme heat, while helping workers understand and identify the risks of heat illness.



osha.gov/heat



UNITED STATES
DEPARTMENT OF LABOR



Occupational Safety and Health Administration

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[Home](#) / [Heat Illness Prevention Campaign](#)

Heat Illness Prevention

[Heat](#) | [General Education](#) | [Employer's Responsibility](#) | [Worker Information](#)



Every year, dozens of workers die and thousands more become ill while working in hot or humid conditions. The OSHA Heat Illness Prevention campaign educates employers and workers on the dangers of working in the heat.



Heat Illness General Education

Heat illness is serious, but you can prevent it.



Employer's Responsibility

Employers can keep workers safe in the heat.



Worker Information

Understand workers' rights and what workers should know about heat illness.

Featured Resources

[Prevent Heat Illness at Work: OSHA Alert \(PDF\)](#) • [Español \(PDF\)](#)

[Heat Illness: Prevent Heat Illness at Work Poster \(PDF\)](#) • [Español \(PDF\)](#)

[Sun Safety at Work Infographic: English \(ZIP\)](#)

[See all OSHA publications about Heat](#)

Join our mailing list

By subscribing, you will receive our newsletter on heat illness prevention, The Heat Source.

[Click to subscribe](#)



Sarbanes Oxley Act (SOX)

18 U.S.C. §1514A

§1514A. Civil action to protect against retaliation in fraud cases

a) Whistleblower protection for employees of publicly traded companies.--No company with a class of securities registered under section 12 of the Securities Exchange Act of 1934 (15 U.S.C. 78l), or that is required to file reports under section 15(d) of the Securities Exchange Act of 1934 (15 U.S.C. 78o(d)) including any subsidiary or affiliate whose financial information is included in the consolidated financial statements of such company, or nationally recognized statistical rating organization (as defined in section 3(a) of the Securities Exchange Act of 1934 (15 U.S.C. 78c), or any officer, employee, contractor, subcontractor, or agent of such company or nationally recognized statistical rating organization, may discharge, demote, suspend, threaten, harass, or in any other manner discriminate against an employee in the terms and conditions of employment because of any lawful act done by the employee--

(1) to provide information, cause information to be provided, or otherwise assist in an investigation regarding any conduct which the employee reasonably believes constitutes a violation of section 1341, 1343, 1344, or 1348, any rule or regulation of the Securities and Exchange Commission, or any provision of Federal law relating to fraud against shareholders, when the information or assistance is provided to or the investigation is conducted by--

(A) a Federal regulatory or law enforcement agency;

(B) any Member of Congress or any committee of Congress; or


(C) a person with supervisory authority over the employee (or such other person working for the employer who has the authority to investigate, discover, or terminate misconduct); or


(2) to file, cause to be filed, testify, participate in, or otherwise assist in a proceeding filed or about to be filed (with any knowledge of the employer) relating to an alleged violation of section 1341, 1343, 1344, or 1348, any rule or regulation of the Securities and Exchange Commission, or any provision of Federal law relating to fraud against shareholders.







Elements OSHA must find to determine Retaliation in Violation of a Whistleblower Law

- The employee engaged in protected activity under one of OSHA's whistleblower laws; *and*  ExxonMobil employed the affected employees on April 26, 2019, when Respondent (ExxonMobil) filed an SEC Form 8-K in which it claimed: "ExxonMobil has revised its Permian Basin growth plans to produce more than 1 million oil-equivalent barrels per day by as early as 2024.

The Complainants disagreed with the SEC filing stating it was not accurate, that the production estimates and the Net Present Value (NPV) of the wells was inflated.
- The employer knew about or suspected the protected activity; *and*  The Complainants informed management about the misleading SEC filings.

Complainants made it clear to management that they disagreed with the NPV analysis and believed Respondent was artificially inflating its oil production capacity to improve Respondent's public filings.
- The employer took an adverse action; *and*  On October 23, 2020, one complainant was terminated.

On December 10, 2020, the other complainant was terminated.
- The protected activity caused the adverse action  The Wall Street Journal (WSJ) contacted ExxonMobil's Public & Government Affairs department (P&GA) regarding an article they intended to publish.

Complainant was terminated for allegedly providing company information to the WSJ, not fully cooperating in the internal investigation surrounding the article and transferring company information to personal email account.



ExxonMobil to pay reinstated employees in
OSHA whistleblower ruling



PRELIMINARY ORDER

1. Upon receipt of this Secretary's Finding and Preliminary Order, Respondent shall immediately reinstate both Complainants to their former positions. Such reinstatement shall include all salary, benefits, rights, and seniority that Complainants would have enjoyed had they never been illegally discharged. Such reinstatement is not stayed by an objection to this order.

2. **Respondent shall pay back pay (minus interim earnings) in the amount of \$240,727.77**, for the period starting October 24, 2020, through October 6, 2022. Back wages will continue to accrue until paid.

3. **Respondent shall pay interest on the back wages totaling \$9,009.45** at the IRS underpayment rate at 26 U.S.C. § 6621, compounded daily as of October 6, 2022. Interest on any unpaid amount of back wages will continue to accrue until paid.

4. **Respondent shall pay compensatory damages in the amount of \$144,338.05**, for the following:

- **Moving expenses from Texas to** in the amount of **\$21,039.44**
- **Travel and job-hunting expenses** in the amount of **\$3,000.00**
- **Pecuniary damages surrounding Respondent's 401K matching contribution for years 2020, 2021, and 2022 of \$45,298.61** which includes interest as of October 6, 2022
- **Pain and suffering**, including mental distress of **\$50,000.00**
- **Return moving expenses from to Texas** in the amount of up to **\$25,000.00**, with submitting receipts for actual costs.

5. Respondent shall submit the appropriate documentation to the Social Security Administration allocating back pay to the appropriate calendar days of October 24, 2020, through October 6, 2022.

6. Respondent shall pay reasonable attorney's fees.

7. Respondent shall expunge Complainant's employment records of any reference to the exercise of rights under SOX. Specifically, Respondent shall expunge the termination of October 23, 2020.

8. **Respondent shall pay back pay (minus interim earnings) in the amount of \$251,099.20, for the period starting December 11, 2020, through October 6, 2022.** Back wages will continue to accrue until paid.

Environmental Whistleblower Provisions

The Clean Air Act

The Comprehensive Environmental Response, Compensation and Liability Act

The Federal Water Pollution Control Act

The Safe Drinking Water Act

The Solid Waste Disposal Act

The Toxic Substances Control Act

Workers Concerned About Asbestos in Elementary and Secondary Schools

The Environment



Accomplishments

Since last RRT meeting
4 Nov 2021

Federal, state, and local Planning and Coordination Efforts		
Description	Location	Dates
Attended Devolution/JOC Training	Region 6	July 26, 2022
Met with FEMA Region 6 to discuss future collaborations and training.	Denton, TX	August 5, 2022
Rolled out Emergency Response SharePoint to OSHA Region 6	OSHA Region 6	August 22, 2022
Participated in Natural Disaster Seminar	Region 6	September 8, 2022



Outlook

Until Next RRT meeting
4-5 Nov 2022

Federal, state, and local Planning and Coordination Efforts		
Description	Location	Dates
Developing and furthering relations with the Tribal communities.	OSHA Region 6	On Going
Working with FEMA and UTA to participate in emergency preparedness and response class	OSHA Region 6	On Going
Develop and further relationship with local government and community leaders	OSHA Region 6	On Going
Plan to develop public service announcements	OSHA Region 6	2022 - 2023

Federal Report Outs





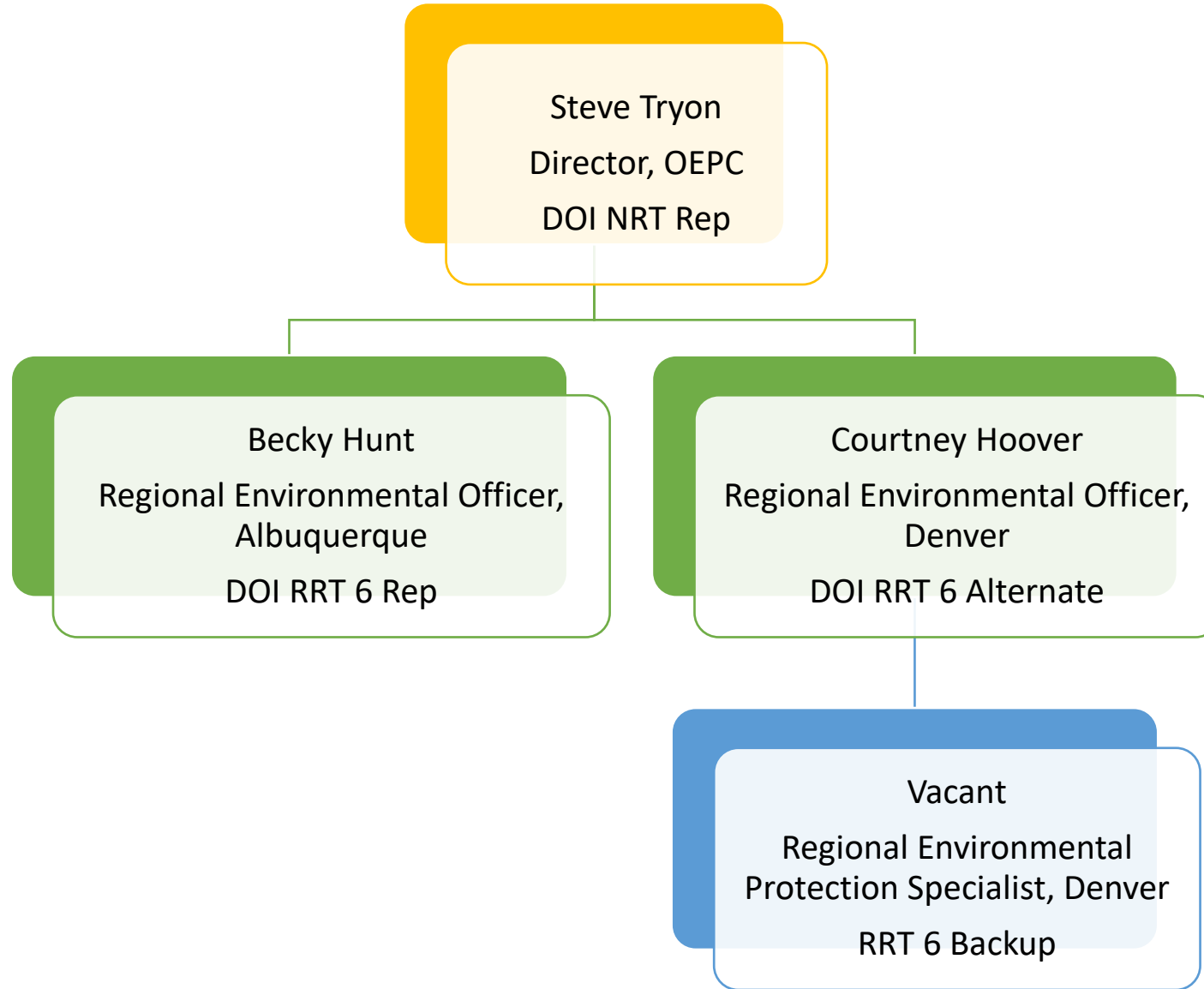
Department of the Interior

Role	RRT Member	Agency	Contact Info
Primary	Becky Hunt	DOI-OEPC	720-814-6167 Rebecca_Hunt@ios.doi.gov
Alternate	Courtney Hoover	DOI-OEPC	303-478-3373 courtney_hoover@ios.doi.gov
Backup	<i>Vacant (Vice Glenn Schroeder)</i>	DOI-OEPC	<i>New Hire Currently Undergoing Background Check</i>

DOI Bureau Contacts

BSEE – GOM	Senior Preparedness Analyst	Gary Petrae	gary.petrae@bsee.gov
FWS-Spill Response	National Spill Response Coordinator/EPA R 6 advisor	Barry Forsythe	barry_forsythe@fws.gov
FWS-Spills/Contaminants	Regional Contaminants NM, TX, OK/Regional LA, AR	Lynn Wellman Rob Tawes	lynn_wellman@fws.gov robert_tawes@fws.gov
FWS-TX	Spill Response/ESA, Coast & Inland	Denise Ruffino Erik Orsak Heather Biggs	denise_ruffino@fws.gov erik_orsak@fws.gov heather_biggs@fws.gov
FWS-OK	Spill Response/ESA	Susanne Dunn Jonathan Fischer	suzanne_dunn@fws.gov jonathan_fischer@fws.gov
FWS-NM, AR	Spill Response/ESA	Lynn Wellman Melvin Tobin	lynn_wellman@fws.gov melvin_tobin@fws.gov
FWS-LA SE	Oil & Gas, SE Refuges	Jimmy Laurent Chelsea Stringfield	jimmy_laurent@fws.gov chelsea_stringfield@fws.gov
FWS-LA SW	Oil & Gas Specialist, SW Refuges	Patrice Betz	patrice_betz@fws.gov
FWS-LA ESA	ESA	Brigette Firmin	brigette_firmin@fws.gov
Other DOI	NPS BLM BIA	Dave Anderson Terry Gregston Waylon Denny	david_anderson@nps.gov tgregston@nps.gov waylon.denny@bia.gov

Agency Organization Chart





Agency Updates

- Positions
 - New DOI Rep Becky Hunt
 - Courtney Hoover, Denver REO, to continue to serve as RRT 6 alternate
 - Loss of Glenn Schroeder, Denver REPS and RRT 6 Backup. REPS position expected to be filled December 2022.
- Energy Community Revitalization Program (ECRP)
 - Orphan wells and abandoned mine program - [Legacy Pollution Remediation and Reclamation | U.S. Department of the Interior \(doi.gov\)](#)
 - State/tribal grant programs
 - Federal programs
 - Staffing the program, vacancies in Washington, DC and Denver



Bureau Updates

BSEE FY22 Stats

- 190 Oil Spill Response Plans submitted and reviewed
- 11 Government Initiated Unannounced Exercises (GIUEs), 4 with equipment deployments
- 63 Equipment preparedness verification inspections (depots)
- 37 Functional or Full-Scale exercises evaluated

Laws/Regulations/Policies

- Proposed Critical Habitat for Ouchita Fanshell (AR & LA)
 - [Federal Register 87 \(42\), 03 March 2022](#)



Western fanshell mussels

Photo by/credit: Scott Faiman, Missouri Department of Conservation

<https://www.fws.gov/press-release/2022-03/proposal-list-two-species-freshwater-mussels-threatened>

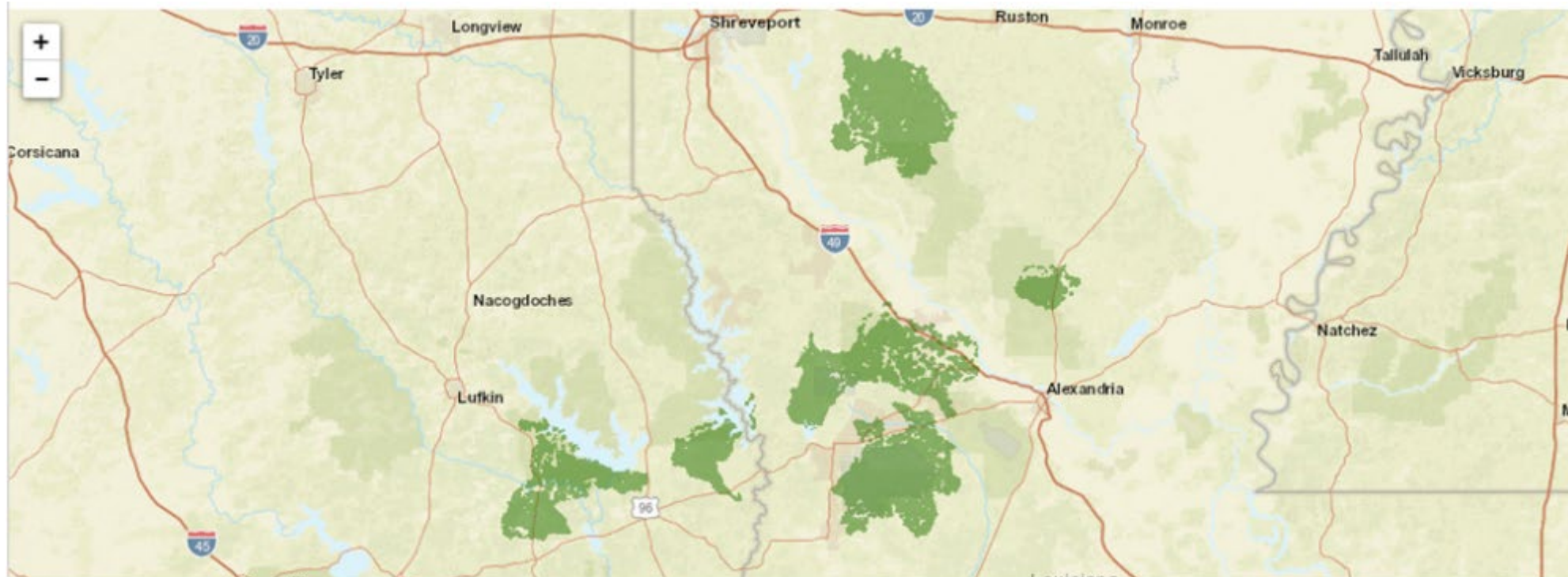
Laws/Regulations/Policies

- Delisting of the Braken Bat Cave Meshweaver, Bexar County, Texas.
 - [Federal Register 87\(163\) Wednesday, 24 August 2022](#)



Laws/Regulations/Policies

- Proposed Critical Habitat for Louisiana Pinesnake (LA & TX)
 - Comment Period 10/06/22 – 12/05/22
 - [Federal Register 87 \(193\) 06 October 2022](#)





Accomplishments

Since last RRT meeting

Federal, state, and local Planning and Coordination Efforts		
Description	Location	Dates
USFWS - Continued training through the online webinar series	Inland Oil Spill for DOI Response Webinar Series U.S. Fish & Wildlife Service (fws.gov)	Ongoing training series
Week-Long Inland Oil Spill Training	Shepherdstown, WV and Lakewood, CO	January and May 2022
Further Development of Historic Preservation Specialist Training	California	June 2022
Inland Oil Spill Funded Exercises	UT and WY	August and October 2022



Outlook

Until Next RRT meeting

Federal, state, and local Planning and Coordination Efforts		
Description	Location	Dates
Clean Gulf Conference	New Orleans, LA	8-10 Nov 2022
RRT-3 Meeting	Bethany Beach, DE	6-8 Dec 2022
NRT-RRT Co-Chairs Meeting	TBD	13-17 Feb 2023
MEXUSGULF Workshop	New Orleans, LA	15-16 Mar 2023
7 th Annual Clean Waterways Conference	Denver, CO	11-13 Apr 2023
Joint RRT-5/7 Meeting	St. Charles, MO	5-7 Apr 2023
Joint RRT-4/6 Meeting	Baton Rouge, LA	16-18 May 2023
FOSCR College	Sector Houston-Galveston	26-30 Jun 2023

Federal Report Outs



RRT-6 Fall 2022 Meeting



Primary	U.S. DHS/ CISA	Steven	Shedd	Steven.Shedd@cisa.dhs.gov
Alternate	U.S. DHS/CISA	Shawn	Perceful	Shawn.a.Perceful@cisa.dhs.gov



Overview

- Hurricane Season Preparations
 - CISA Region 6 Preparations
 - NDOW Support / Participation
- Outlier Research –Tier II Cross-Referencing, Analysis, etc.
- Outreach and Information Sharing



Laws/Regulations/Policies

- Chemical Security Voluntary Program
- Hurricane preparation and notifications to CFATS facilities to maintain security measures and communicate changes



Accomplishments

Training

Description	Dates

Exercises/Workshops

Description	Dates
NDOW FS Exercise Houston	25 April to 29 April
Aerojet TTX	28 October

Fed/State/Local planning and coordination efforts

Description	Dates
LEPCs	Throughout the year
Joint Chemical Security Regional Hurricane EX	Annual



Outlook

Training

Description	Dates

Exercises/Workshops

Description	Dates
Active Shooter Preparedness	12/13/22, 2/28/23

Fed/State/Local planning and coordination efforts

Description	Dates
LEPCs	Throughout the year
Joint Chemical Security Regional Hurricane EX	Annual

Environmental Protection Agency (EPA)

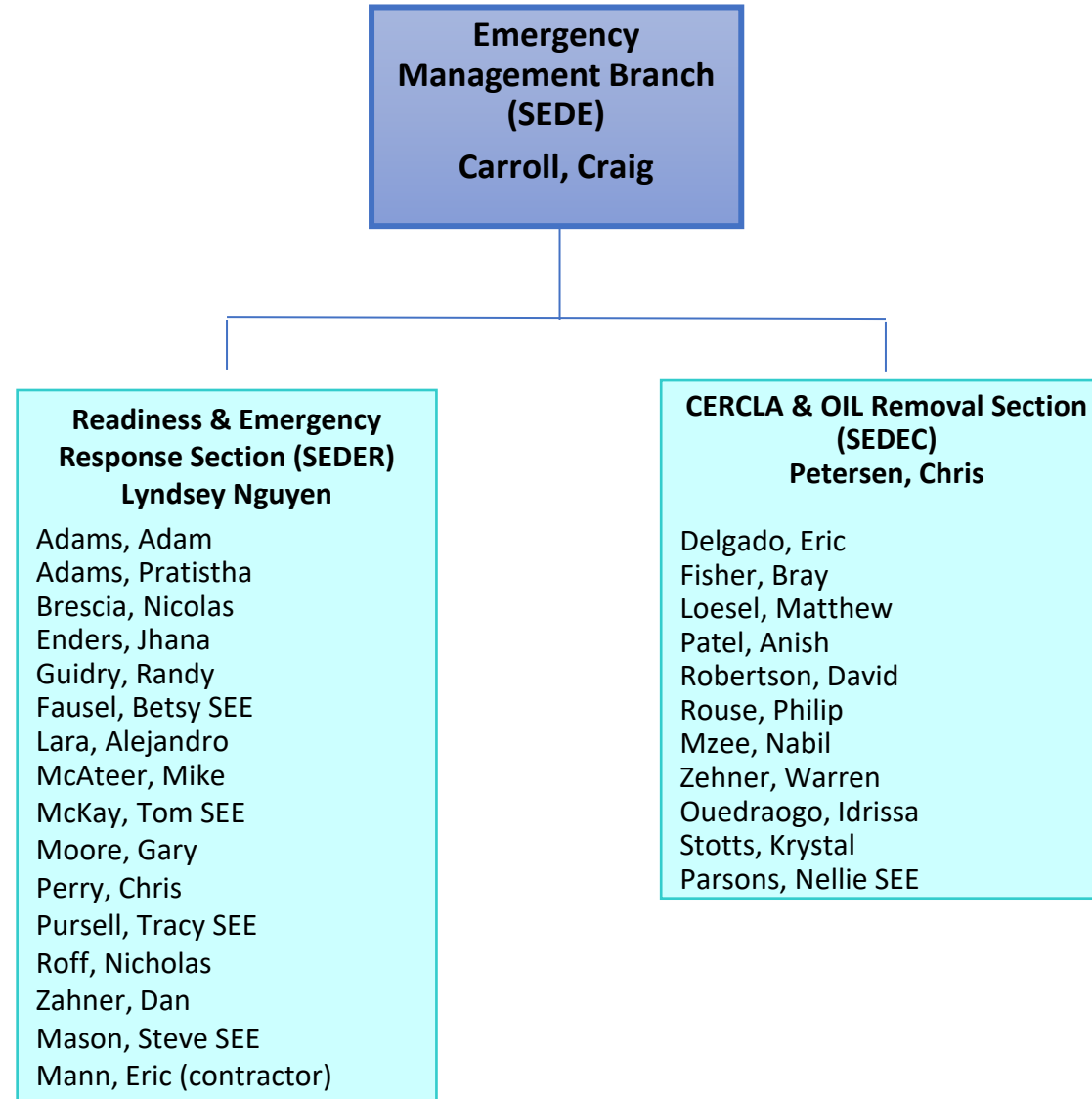




Role	RRT Member	Agency	Contact Info
Co-Chair	Craig Carroll	EPA	(214) 665-2220 carroll.craig@epa.gov
Coordinator	Bray Fisher	EPA	(214) 665-2712 fisher.kelsey@epa.gov
Alternate Co-Chair	Lyndsey Nguyen	EPA	(214)-665-3143 nguyen.lyndsey@epa.gov



EPA R6 Emergency Management Branch





Overview

- **Challenges**

- Air Monitoring Action Levels
- Environmental Justice
- Climate Change
- Tribal Coordination
- Disposal
- Outposting

- **Best Practices**

- Mercury Initiatives
- Tribal Training Webinar
- Poison Control Center Training Webinar
- Updated ACP

- **Significant Responses**

- Tulsa Gamma Ray
- Gretna Plating
- Globe Union
- DalDen Corporation Fire
- Bordwine Hand Sanitizer
- Holly Energy Oil Spill
- NuStar
- NM Wildfires



Hurricane Preparedness Hotwash



- **Things That went Well this Year**
 - Process for External Affairs to provide information to local and elected officials, and to our Office of Communities, Tribes, and Environmental Assessment (OCTEA)
 - Third-party review of data and information for readability of the general public
- **Improvements in Preparedness in the Past Year**
 - Operational data dashboards
 - Drinking water coordination
 - UAV usage
 - Incorporating EPA “EJ Screen” (Environmental Justice GIS layer) into Planning Process.
- **Natural Disaster Operational Workgroup (NDOW)**
 - Increased Unified Command’s ability to conduct rapid needs assessments with UAV usage and increased our preparedness to rapidly conduct air monitoring around fence-line communities utilizing TCEQ DUVAS and SIFT mobile air monitoring/sampling platforms in conjunction with traditional handheld monitors



Hurricane Preparedness Hotwash



- **Challenges**
 - Disposal issues
 - Modifying response planning and preparedness to account for increasing state capabilities and shift from ESF #10 to ESF #3 missions.
- **Areas for Improvement**
 - Notification of incidents to impacted communities and the press.
- **Ongoing/New Concerns**
 - Environmental Justice
 - Emergency Response Air Monitoring Action Levels for the Public
 - Climate Change
 - Pre-season process for distributing information through the RRT6 network.



Laws/Regulations/Policies

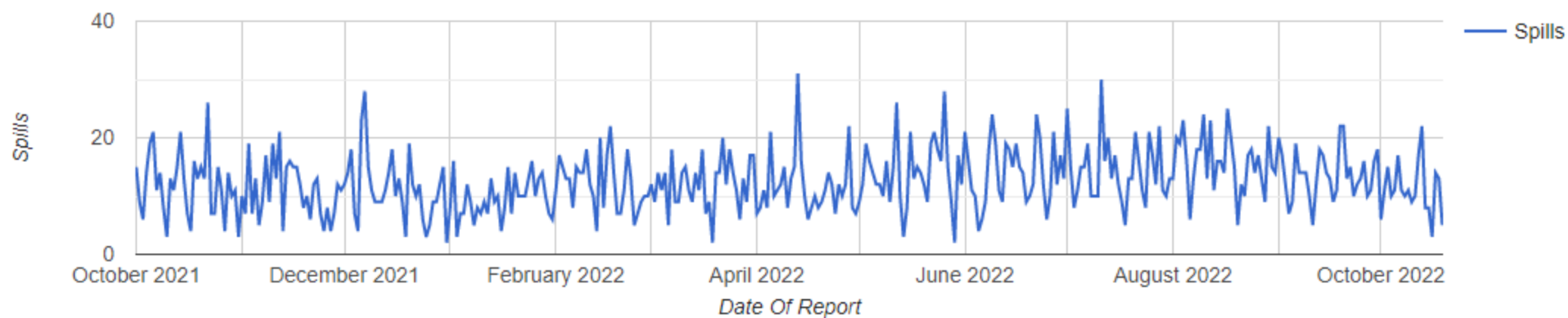
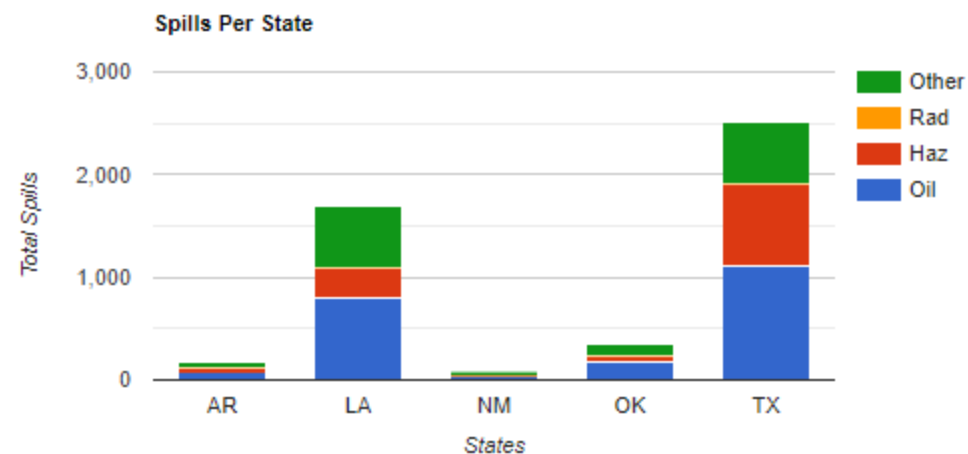
- CWA Hazardous Substance FRP Rule
- Proposed Rule Making for PFAS
- 2022 RMP Proposed Rule



Spill Notifications

Total Spills: 4,831 (+1 unclassified in the Hotline Log)

State	Oil	Haz	Rad	Other
AR	69	48	0	60
LA	791	307	1	599
NM	31	16	0	36
OK	183	49	2	120
TX	1,107	800	6	606





Accomplishments

FY2022

Federal, state, and local Planning and Coordination Efforts

Description	Location	Dates
Completed 16 CERCLA and 8 OPA removal actions	Various	Various
Completed 36 FRP and 123 SPCC inspections	Various	Various
Completed 3 Planning Section Trainings	Virtual	Various
15 Tabletop/Field Exercises; including NDOW and 6 GIUEs	Various	Various
Held 12 OSC monthly meetings	Virtual	Various
OSC Readiness	Orlando, FL	April, 24-29
ESF-10 Hurricane Coordination Calls with Federal and State Partners	Virtual	Various
SE TX/SW LA Coastal Area Planning Committee	Virtual	March 30, 2022
Central TX Coastal Area Committee	Various	Various
ACP/PREP Exercise Planning Meeting	Port Arthur, TX	June 14, 2022
Unified Command Training for Tribes Webinar	Virtual	October 20, 2022
Working with Poison Control Centers During Large Responses Webinar	Virtual	October 25, 2022



Outlook

Until Next RRT meeting

Federal, state, and local Planning and Coordination Efforts		
Description	Location	Dates
OSC monthly meetings	Dallas, TX	1 st Monday
OSC Readiness	TBD	January 24, 2023
NDOW Full Scale ESF-10 (Hurricane) Exercise	Corpus Christi, TX	May 22-26, 2023
Oil/HAZMAT Exercises	Various	Various
Pre and post landfall hurricane coordination	Virtual	Various
RRT6 Executive Committee monthly calls	Virtual	2 nd Wednesday
Greater Harris County LEPC Meetings	Various	Various
NRT/RRT Co-chairs Meeting	TBD	Week of February 13, 2023
SE TX/SW LA Coastal Area Planning Committee	Various	Various
Central TX Coastal Area Committee	Various	Various



Role	RRT Member	Contact Info
Co-Chair	Mr. Michael Sams	(504) 671-2234 Michael.K.Sams@uscg.mil
Co-Chair Alternate	CWO3 Brandon Todd	(504) 671-2235 Brandon.L.Todd@uscg.mil
Coordinator	Mr. Todd Peterson	(228) 249-1105 Todd.M.Peterson@uscg.mil

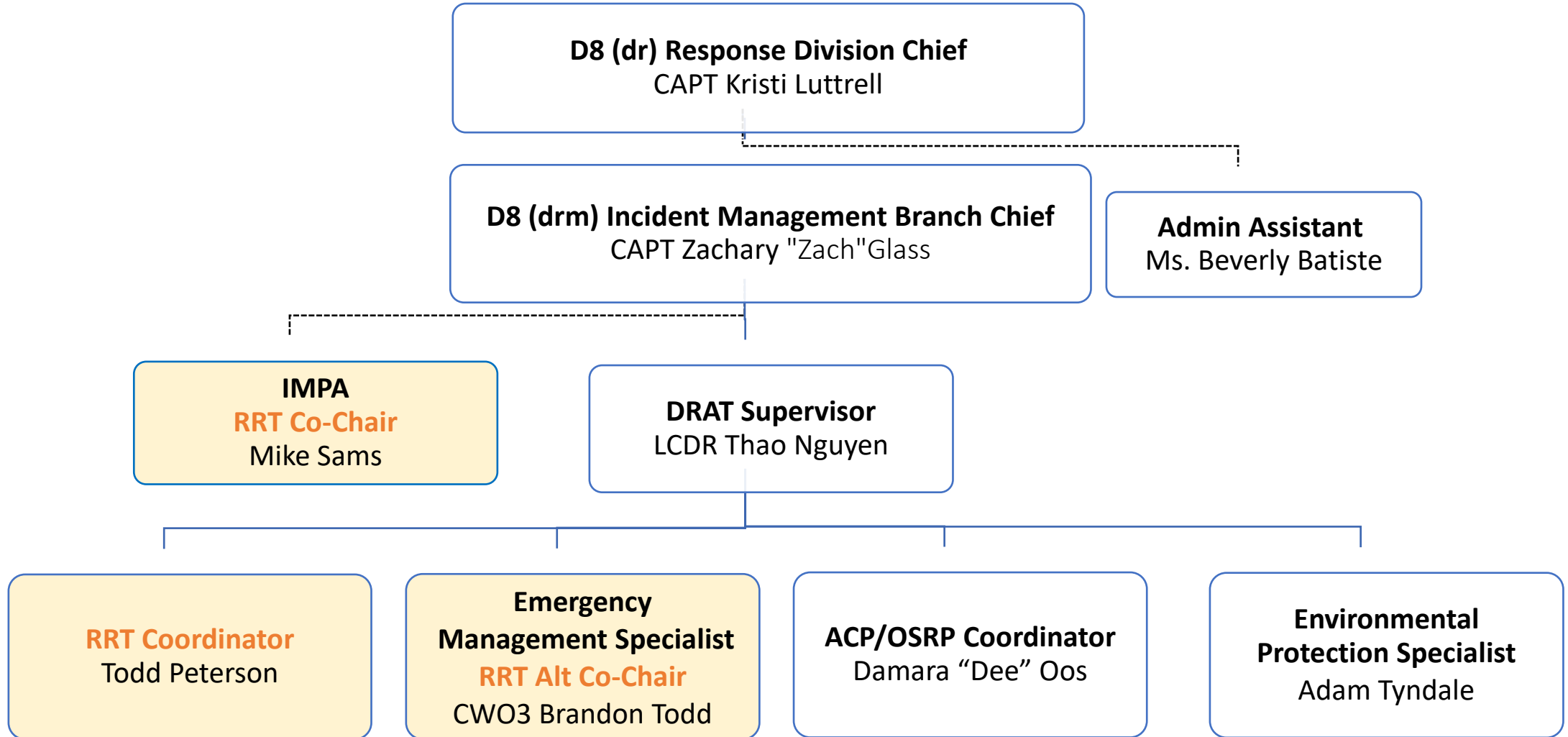


Overview

- Preparedness
- Coastal Area Contingency Plan Conversion / Update
- Natural Disaster Pollution Response, Annex 19
- Environmental Consultations



D8 (drm) Incident Management Branch





Laws/Regulations/Policies

- **CG Headquarters:**

- CG Incident Management Handbook (IMH)
- CG Marine Environmental Response and Preparedness Manual
- Coast Guard National Review Panel (CGNRP)

- **CGD 8:**

- Environmental Consultations
- FY23 Pollution Policy published in the D8 Operational Planning Direction (OPD)
- FOSCR College



Hurricane Preparedness Hotwash

- Lessons learned from the past year's activities: Implementation of the USCG's Financial Systems Modernization Solution (FSMS); relationships are important
- Improvements in preparedness in the past year: Annex 19 to the R6 RCP
- Ongoing and/or new concerns: Nothing noted at D8
- Things that went well this year: Pre-season engagements; adding BSEE (Region and Oil Spill Preparedness Division to all calls; D8 Area Command activated for Hurricane Ian (train new personnel)
- Areas for improvement: Communication, relationships, training are ongoing
- Unique challenges: Nothing noted at D8



Accomplishments

Since last RRT meeting

Federal, state, and local Planning and Coordination Efforts		
Description	Location	Dates
RRT-3 Meeting	Blacksburg, VA	17-19 May 2022
MEXUSGULF Seminar	Virtual	18 May 2022
NRT-RRT Co-Chairs Meeting	Virtual	1-2 June 2022
FOSCR College	Sector Corpus Christi	12-16 Sep 2022
RRT-7 Meeting	Kansas City, MO	21-22 Nov 2022
RRT-5 Meeting	Chicago, IL	12-13 Oct 2022
RRT-8 Meeting	Virtual	13 Oct 2022



Outlook

Until Next RRT meeting

Federal, state, and local Planning and Coordination Efforts		
Description	Location	Dates
Clean Gulf Conference	New Orleans, LA	8-10 Nov 2022
RRT-3 Meeting	Bethany Beach, DE	6-8 Dec 2022
NRT-RRT Co-Chairs Meeting	TBD	Week of 13 Feb 2023
MEXUSGULF Workshop	New Orleans, LA	15-16 Mar 2023
Joint RRT-5/7 Meeting	St. Charles, MO	5-6 Apr 2023
7 th Annual Clean Waterways Conference <i>RRT-8 Meeting on 11 Apr</i>	Denver, CO	11-13 Apr 2023
Joint RRT-4/6 Meeting	Baton Rouge, LA	16-18 May 2023
FOSCR College	Sector Houston-Galveston	26-30 Jun 2023



National Response Center

LT Savannah Ebhart

NRC Operations Officer

Core Function

- Established from the FWPCA and NCP to be:
 - A support entity within the National Response System
 - The single federal point of contact for all pollution incident reporting
 - The communications center for the National Response Team (NRT)
- The NRC is an independent government entity managed directly by the NRT and is not a Coast Guard unit.





Mission

- The NRC serves as the initial entry point to the U.S. National Response System for pollution, railroad, and port security response.
- The communications center for the NRT
- Call center for the reporting of:
 - Oil/hazmat events in the U.S. and its territories
 - All railroad incidents (not just oil)
 - Port security incidents per the Maritime Transportation Security Act (MTSA)
- Facilitate NRT agency activation for large national/international events



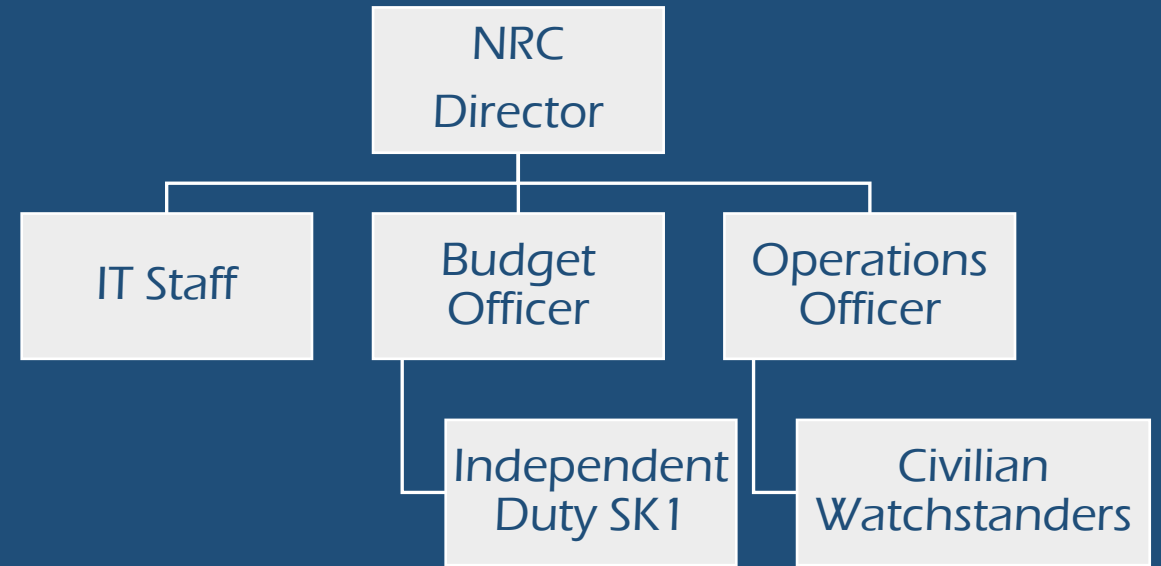
International Assistance

- Cross-Border Spill Coordination
 - Canada – National Environmental Emergencies Centre (NEEC)
 - Mexico – National Communications Center (CENACOM)
- International pollution reporting & NRT requests for assistance (RFA):
 - Panama Canal Incidents
 - Marine Oil Pollution Response in the Arctic (MOSPA)
 - Any RFA received from the NRT International Assistance Sub-Committee

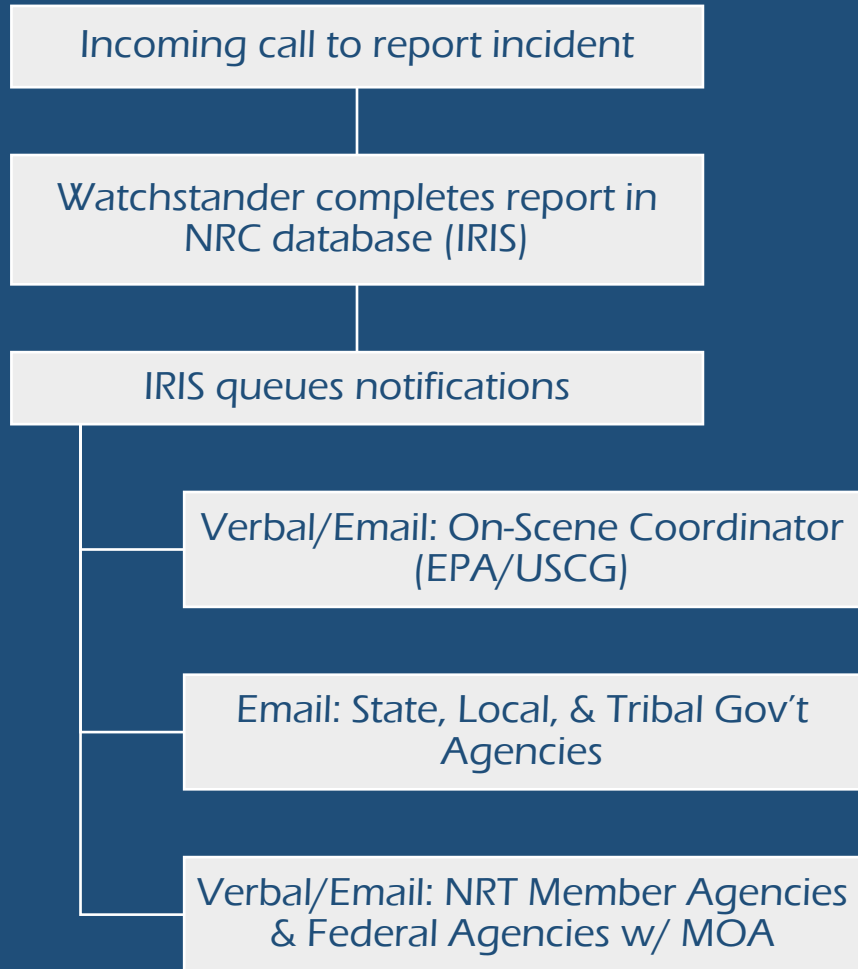
Structure

The NRC is located at USCG HQ under CG-5RC: Office of Response Policy.

25 permanent personnel
2-10 watchstanders on duty



Notification Procedure



Annual Statistical Data

- ~75,000 phone calls fielded
- 32,000 reports processed
- Avg. agency notifications per report: 22
- Avg. report processing time: 12 min.
- Total NRC Notifications: 725,000

[Cancel](#)

Report Number 1346007

[Drill](#)

Incident Reporting and Information System

Reporting Party

Anonymous

Phone1 Type **PRIMARY** ☐ L

Last Name **Count**

First Name

Phone2 Type L

Phone3 Type L

Company

Org Type L

Address

City

State L

Zip

Source **TELEPHONE** ☐ L

E-Mail

Calling on behalf of the Responsible Party ☐ **Yes** ☐ **No**

Are You or Your Company Responsible for the Material Released ☐ **Yes** ☐ **No**

Does Caller No Longer Wish to Remain Anonymous ☐ **Yes** ☐ **No**

Suspected Responsible Party

Last Name ☐ C ☐ U

First Name

Phone1 Type L

Phone2 Type L

Phone3 Type L

Company

Org Type L

Address

City

State L

Zip

Copy Reporting Party Address to the Incident Location

☐ **Yes** ☐ **No**

Copy Suspected Party Address to the Incident Location

☐ **Yes** ☐ **No**[Next](#)

[Cancel](#)

Report Number 1346541

[Drill](#)

Incident Reporting and Information System

Incident Description

Description Of Incident

Sensitive Information

Incident Date

Local Time

Type Of Incident

Incident Cause

Incident Location

Location Description

Address Location

Nearest City

Distance from Nearest City

Units

Section

Township

Latitude Degrees

Minutes

Seconds

Longitude Degrees

Minutes

Seconds

Quadrant

Type of Incident

Find %

Table_Value

AIRCRAFT

CONTINUOUS

FIXED

MOBILE

PIPELINE

PLATFORM

RAILROAD

RAILROAD NON-RELEASE

STORAGE TANK

UNKNOWN SHEEN

VESSEL

Find

OK

Cancel

Prev

Next

Current Operational Challenges

- Continuity of Operations
- Staffing
- Watchstander Training
- Development/modernization of NRC applications



Frequently Asked Questions

- How often is NRC website data updated?
- Which agencies will receive notifications for incidents in my area?
- Why doesn't the NRC accept reports online or via email?
- Why does the NRC only notify government agencies?
- Which questions will be asked when I make an NRC report?
- Does the NRC take drill reports?
- When does the NRC create updated reports?

National Response Center

Contact the NRC 24/7

1-800-424-8802 (National Pollution Hotline)

1-800-424-0201 (Federal Railroad Administration Reporting)

1-877-249-2824 (NRC Port Security Reporting)

(202)-267-4477 (Telecommunication Device for the Deaf - TDD)

Email us at: nrc@uscg.mil

Visit our website: <https://nrc.uscg.mil>

LT Savannah Ebhart
NRC Operations Officer
Savannah.A.Ebhert@uscg.mil
(202) 372-2432



National Pollution Funds Center and the Oil Spill Liability Trust Fund



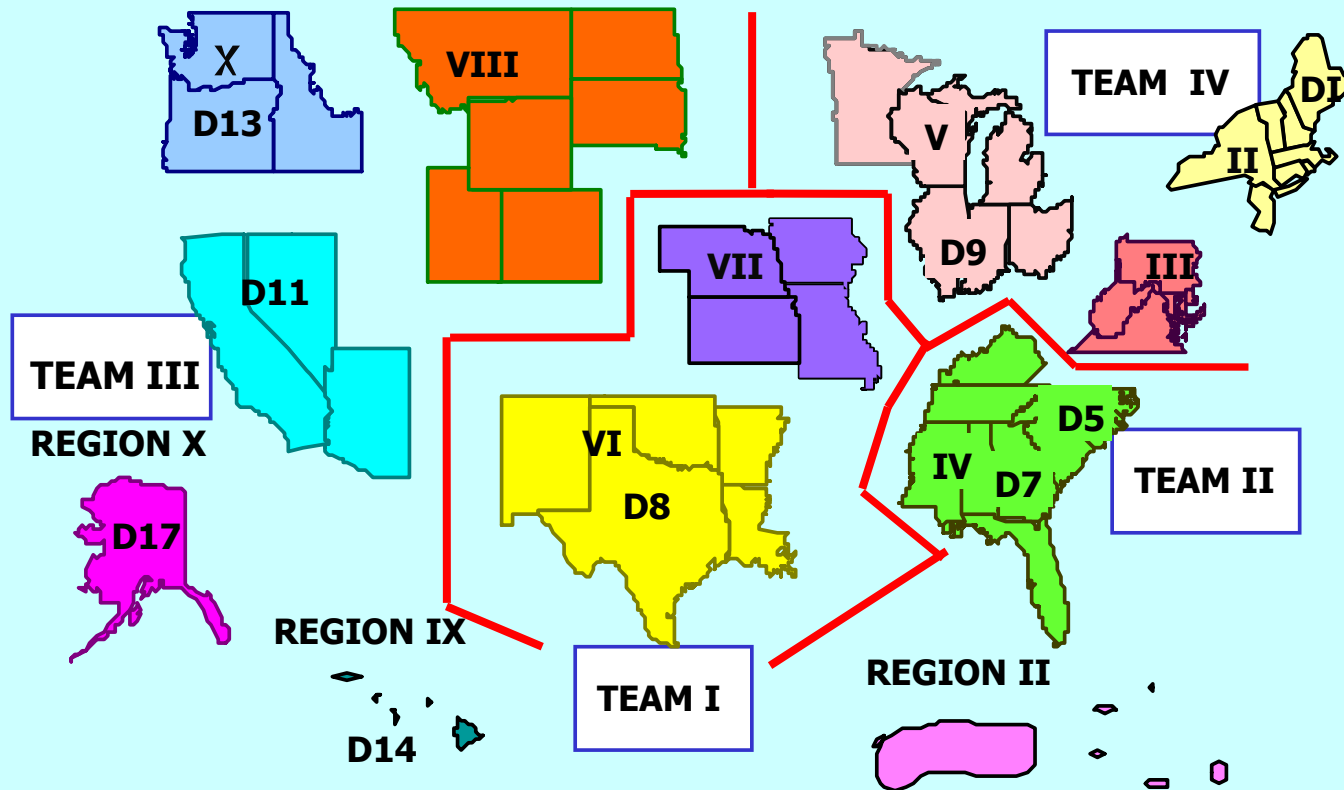
2022 RRT-6 Fall Meeting
Addison, Texas
November 2 - 3, 2022



Major Missions of the NPFC

- ▣ Administer the Oil Spill Liability Trust Fund (OSLTF)
 - ▣ Provide Funding for Oil Removal Activities and the Initiation of Natural Resource Damage Assessments (NRDA) Related to Oil Discharges
 - ▣ Pay Claims for Loss and Damage from Oil Discharges
 - ▣ Recover Costs from Responsible Parties
- ▣ Administer the Certificate of Financial Responsibility (COFR) Program
- ▣ CERCLA Funding Manager for the Coast Guard
- ▣ Stafford Act ESF-10 Funding Manager for the Coast Guard

NPFC Case Teams, Coast Guard Districts & EPA Regions

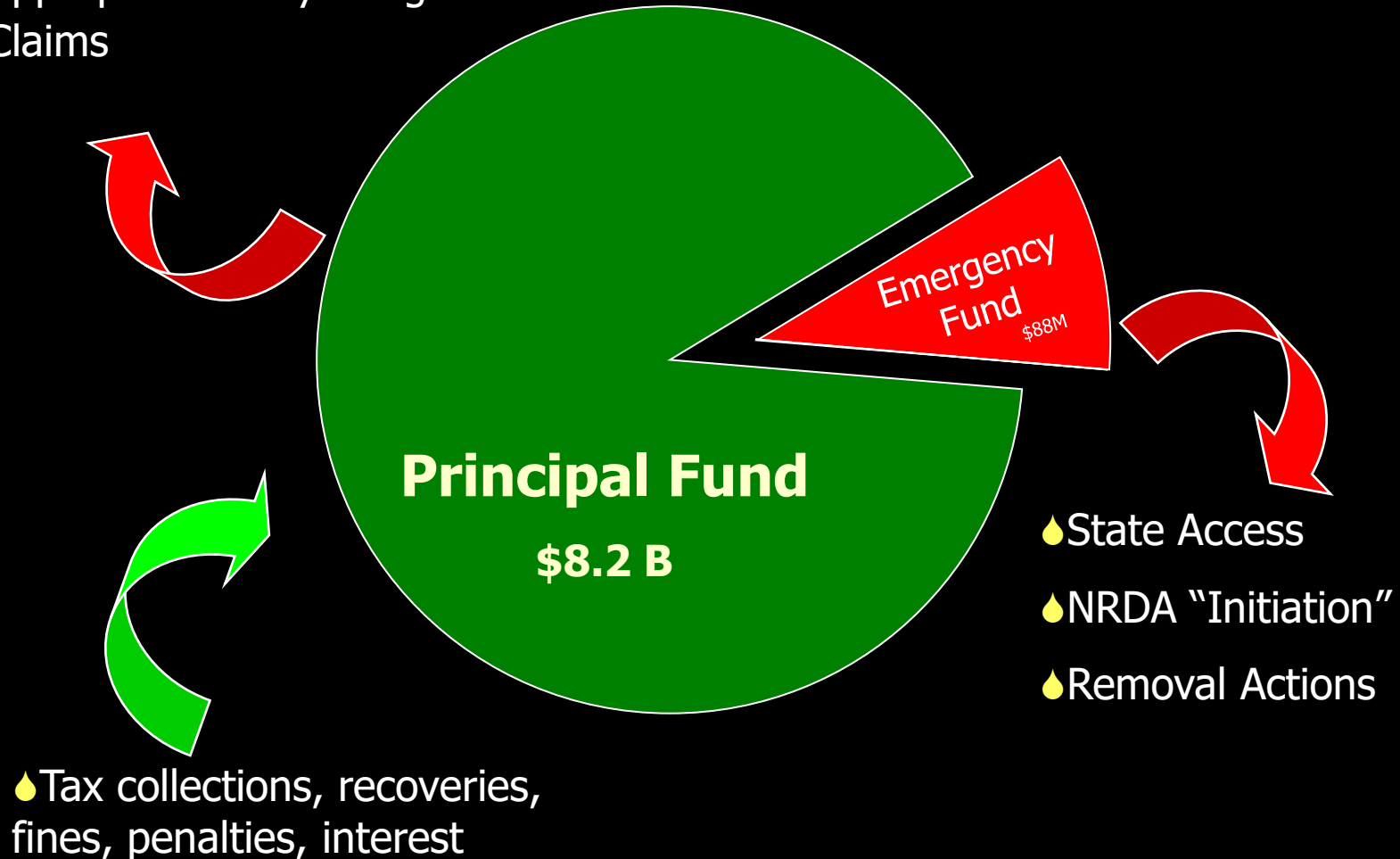


Primary Fund Sources

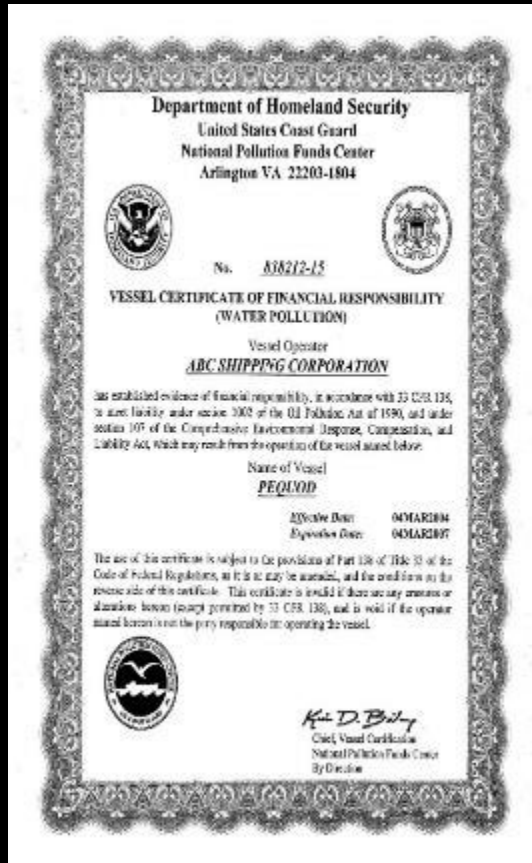
- ▣ The OSLTF is Replenished From:
 - ▣ Nine Cents per Barrel Tax –expires 12/31/2025
 - ▣ Investment Interest on the Fund's Principal
 - ▣ Costs Recovered from Responsible Parties
 - ▣ CWA Penalties Paid By Responsible Parties

Eight Point Two Billion Dollar Fund

- 💧 Appropriations by Congress
- 💧 Claims



Certificates of Financial Responsibility



- Enhance the “polluter pays” concept
- Assure that the responsible party (RP) has resources to pay removal costs and damages up to OPA limits of liability
- Operational control
 - 300 GT
 - Denial of Entry
 - Legitimacy of operations

Limitation of Liability



- LOL set by regulation 33 CFR Part 138
- Adjusted for inflation; current limits went into effect November 12, 2019
- \$3,700/GT – Single Hull Tank Vessels
- \$2,300/GT – Double Hull Tank Vessels
- \$1,200/GT – Non-tank vessels
- \$27.4/\$19.9M min. liability – SH/DH TVs
- \$7.5/\$5M if <3,000 GT – SH/DH TVs
- \$997.1k – minimum liability F/V; P/C etc.
- Facilities: \$672.5 M
- Reaching LOL can trigger transition to FOSC-lead if RP withdraws from the response
- DOL-92, NPFC, and IMAT Roles Grow
- SMT, Contracting, LSC, FSC roles grow

Four Phases of Response Operations



- Notification & Discovery
- \$ Assessment & Initial Action
- \$ Containment & Countermeasures (a.k.a. Removal Activities)
- \$ Documentation & Cost Recovery

Threshold Issues



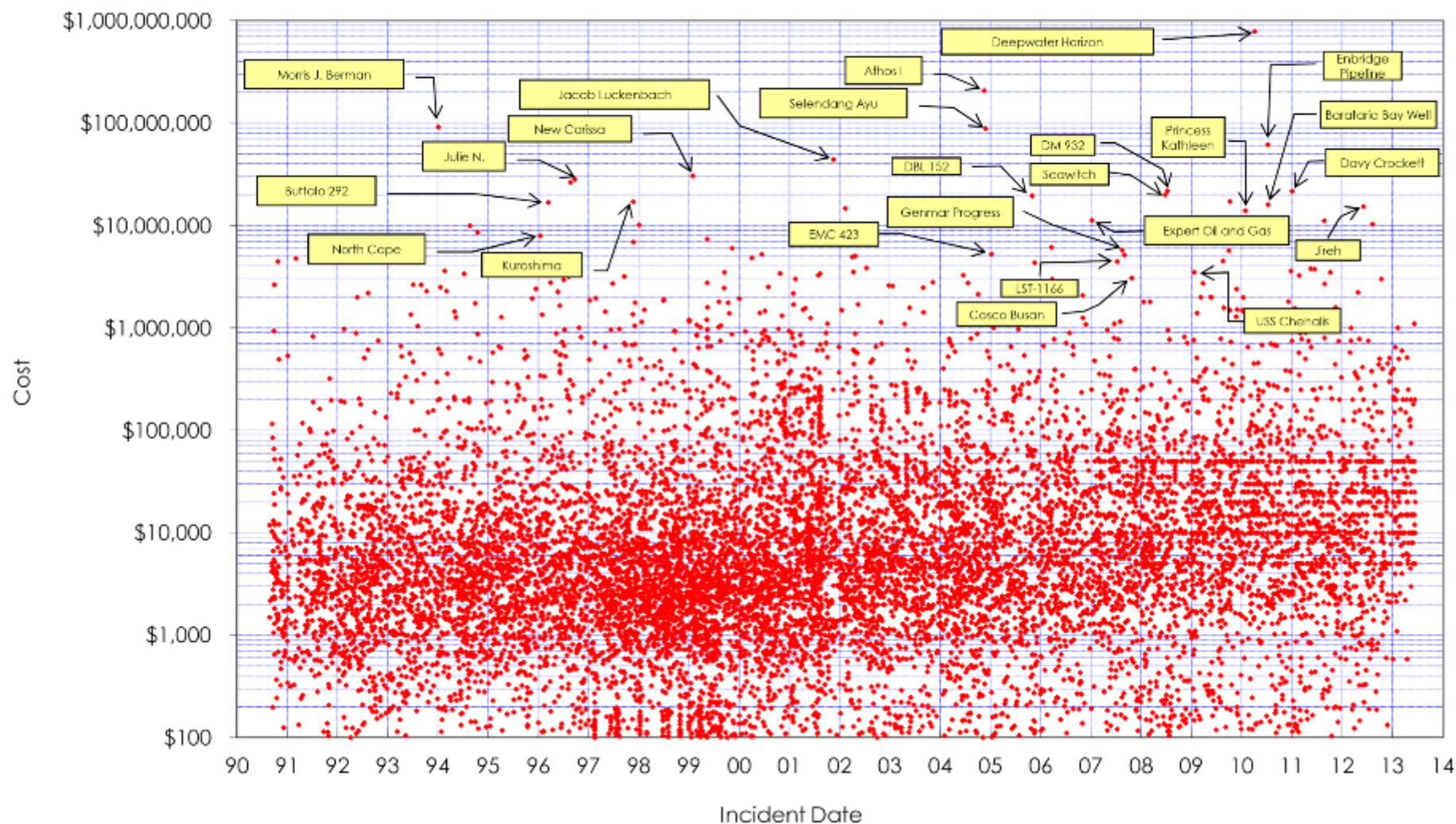
- Is the substance **oil**?
- Is there a **discharge** or **substantial threat of a discharge** of oil?
- Is the discharge or threat of discharge into **navigable waters**?

How do you acquire wisdom?



It's like déjà vu all over again.

OSLTF Removal Costs and Claims





40 CFR 300.320

General Pattern of Response

- Checklist of actions to follow when the OSC receives a report of a discharge
 - Investigate the report
 - Officially classify the size and type
 - minor, medium, major
 - substantial threat to the public health or welfare of the U.S.
 - worst case discharge
 - Major: notify the RRT and the NRC
 - Medium: recommend activation of the RRT, if appropriate
 - Minor: monitor, ensure proper removal action



40 CFR 300.320

General Pattern of Response (cont'd)

- Determine whether the responsible party or other person is properly carrying out removal
 - Following response plan to effectively and immediately remove, minimize, or mitigate threat(s)
 - Removal efforts are in accordance with applicable regulations, including the NCP
 - Determine whether a state or political subdivision thereof has the capability to carry out any or all removal actions; if so, FOSC can fund response
 - Ensure prompt notification of the trustees of affected natural resources per RCP and ACP
- Removal is complete when determined by FOSC in consultation with states(s). When OSC considers removal complete, **OSLTF removal funding shall end**

When should you open a Federal Project?

- If you have determined there is an **OPA incident** AND
 - If you need \$ to respond
 - If you need \$ to monitor RP efforts
 - If you need \$ to bring in support elements (NSF; IMAT; DOL-92; NPFC, PIAT etc.)
 - If you use more than \$3,500 in CG resources (CG people, boats, cutters, aircraft), *even if the RP is responding appropriately*, to enable cost recovery
 - RBS - \$1,467/hr; RBM - \$3,329/hr; 87' CGC - \$3,543; H60 - \$20,496/hr; H65 - \$15,014; E-5 \$80/hr ; MSSR2 -\$116/hr; O-5 \$169/hr; O-6 \$190 /hr
- *We cannot cost recover without a Federal Project!*

Show Me the Money: Funding Mechanisms



- Pollution Removal Funding Authorization (PRFA)
- Military Interdepartmental Purchase Request (MIPR)
- Initiate IAG – NRDA Activities, not removal
- Contracts
- Uncompensated Removal Cost Claims

PRFA Uses



- PRFA – Incident Management
- PRFA – Removal (Agency or using Contractors)
- PRFA – Wildlife Branch & Environmental Unit
- PRFA – ESA Section 7
- In Most Coastal States
 - SOSC agencies
 - Counties/Cities
 - DOI - FWS/NPS/MMS/USGS
 - DOI – OEPC/BLM/BuRec
 - NOAA

Does CERCLA Apply?



- Hazardous Substance or Pollutant or Contaminant
- Released into the environment
- Imminent and substantial danger to public health and welfare
- Inland Zone = EPA; Coastal Zone = NPFC provides CPN to USCG

SERVICES NPFC **CAN** PROVIDE DURING A SPILL



- Spokesperson for all OSLTF access, documentation, and claims issues
- Assure ceiling is adequate
- Assist with financial reporting
- Assist in RP identification
- Help the FOSC succeed

SERVICES NPFC CAN PROVIDE DURING A SPILL



- Provide COFR & Guarantor information
- Provide info on RPs' Limits of Liability
- Prepare Notice of Designation
- Ensure OPA claims are addressed by RP or NPFC
- Negotiate & execute PRFAs
- Negotiate, execute, & coordinate INRDA IAG w/FLAT

SERVICES NPFC **CAN** PROVIDE DURING A SPILL



- Provide guidance on consolidating daily cost data
- Troubleshoot cost doc problems
- Provide legal advice in coordination w/ FOSC's lawyers

SERVICES NPFC **CANNOT** PROVIDE DURING A SPILL



- NPFC case officers are not contracting officers; DOL-92 KOs will help you
- NPFC case officers will not serve as your FSC or LSC
- NPFC case officers will not serve as your Time Unit Leader or Cost Unit Leader
- NPFC case officers will not validate utilization of resources
- Unit WQSB should address initial logs & finance staffing
- Request NSF & IMAT staffing; esp. for Type 2 & 1 incidents

OPA 90 Claims



Compensation & Liability



- OPA Title I
- Polluter liable for costs and damages
- Claimants present claims to polluter
- Claims denied or not settled in 90 days
- Claimants may go to court or present claim to OSLTF
- OSLTF recovers claims and Federal response costs from polluter

Scope of OPA Claims



- Uncompensated removal costs
- Damages to real or personal property
- Loss of profits and earning capacity
- Loss of subsistence use
- Loss of government revenues
- Increased costs of public services
- Natural Resource Damages

Claims cannot be submitted for:



- ❑ Personal injury, including loss of income solely from personal injury
- ❑ Punitive damages
- ❑ Pain and suffering
- ❑ Legal costs

Typical Incident Activity

- ❑ FOSC/SOSC/LOSC/RP establishes UC
 - ❑ Notification & response
 - ❑ FOSC gets FPN, determines RP, **designates source**, issues PRFAs, MIPRs, contracts, etc. – 213 RR process
 - ❑ **Set response objectives to minimize claims!**
- ❑ Claims Processes
 - ❑ NPFC Issues NOD; NPFC will advertise for claims, if RP denies designation or doesn't advertise
 - ❑ After 90 days no action by RP or if RP denies claim, claimant can file w/ NPFC
 - ❑ If there is no RP or if the claimant is a State, then the claimant can file directly with NPFC

Natural Resource Damage Claims

- Submitted by Federal, State, and Tribal Natural Resource Trustees
- For assessing and restoring injured natural resources
- Received 4-5 years after spill response complete





Claims by a Responsible Party

- Defenses to liability under Section 1003
 - OPA provides certain narrowly construed complete defenses to liability where the discharge and costs and damages are **solely** caused by an Act of God, Act of War or act of a third party.
 - OPA limits and defenses are not available to an RP that fails to report the spill or fails to cooperate with the FOSC or carry out FOSC directions without sufficient cause.
- Limitation of liability under Section 1004
 - RP must show documentation addressing each element of the limitation of liability (33 U.S.C. 2704), as applicable
 - Must show claimed removal costs & damages are included under OPA (33 U.S.C. 2708)
 - Must present **all** costs and paid claims to NPFC

Content of Advertisement

Content of Advertisement

Each advertisement/notification is to contain the following information or to indicate where this information may be contained:

1. Location, date and time of the incident.
2. Geographical area affected.
3. Quantity of oil involved.
4. Name or other description of the designated source.
5. Name of the responsible party (you).
6. Name, address, telephone number, office hours, and workdays of the person or persons to whom claims are to be presented and from whom claim information can be obtained.
7. The procedures by which a claim may be presented, including a statement that indicates that claimant may present a claim for interim short-term damages representing less than the full amount to which the claimant ultimately may be entitled. Payment of such claims shall not preclude recovery for damages not reflected in the paid or settled partial claim.
8. Notification that if you deny or do not resolve a claim within 90 days after the date of submission, the claimant may then submit the claim to the National Pollution Funds Center (nc), 4200 Wilson Boulevard, Suite 1000, Arlington, VA 22203-1804, for our consideration. We will then evaluate the claim and take appropriate action.
9. Unless noted below, the advertisement/notification must be in English.

NPFC Standard Claim Form

National Pollution Funds Center
4200 Wilson Blvd., Suite 1000
Arlington, VA 22203-1804
(202) 493-6830 or (800) 280-7118

Standard Claim Form Page 1

This form may be used for submitting claims to the U.S. Coast Guard, National Pollution Funds Center, for potential compensation from the Oil Spill Liability Trust Fund for uncompensated removal costs or damages resulting from an incident under the Oil Pollution Act of 1990.

1. **Claimant Name:** _____
Address: _____

Social Security #: _____ Home Tel. #: () _____
Tax I.D. #: _____ Work Tel. #: () _____
2. **Incident Information:**
Date: _____ Time: _____
Name of vessel or facility causing damage: _____
Geographic location of incident: _____
Brief description of the incident: _____

3. **Type(s) of claim(s) and total amount for costs and damage(s) claimed: \$** _____

_____ Removal Costs	_____ Subsistence Use	_____ Profits and Earning Capacity
_____ Natural Resources	_____ Public Services	
_____ Government Revenue	_____ Real or Personal Property	
4. **Has claimant communicated with the responsible party?** No Yes
5. **Has the claim been submitted to the responsible party?** No Yes Date Submitted _____
6. **If the claim has been submitted to the responsible party, what action has been taken?**
No Action _____ Denial _____ Paid in Part _____ Other (explain): _____

7. **Has claimant commenced any action in court against the responsible party?** No Yes
If yes, provide the name, address, phone number of your attorney, the court in which action is pending and the civil action number: _____

8. **Has claimant submitted or planned to submit the loss to an insurer?** No Yes
If yes, provide the name, address, and phone number of the insurer, and the policy number: _____

National Pollution Funds Center
4200 Wilson Blvd, Suite 1000
Arlington, VA 22203-1804
(202) 493-6830 or (800) 280-7118

Standard Claim Form Page 2

Submit a separate Page 2 for each type of claim. Attach additional information as necessary.

9. **Claimant Name:** _____
Soc. Sec. #: _____ Tax I.D. #: _____
10. **Type of claim submitted and claim amount: \$** _____

_____ Removal Costs	_____ Subsistence Use	_____ Profits and Earning Capacity
_____ Natural Resources	_____ Public Services	
_____ Government Revenue	_____ Real or Personal Property	
11. **Description of the nature and extent of damages claimed:** _____

12. **Description of how the incident caused the damage:** _____

13. **Description of actions taken by claimant/representative to avoid or minimize damages:** _____

14. **Witnesses:**
Name: _____ Tel. No: _____
Address: _____

Name: _____ Tel. No: _____
Address: _____

Name: _____ Tel. No: _____
Address: _____

I, the undersigned, agree that upon acceptance of any compensation from the Fund, I will cooperate fully with the United States in any claim or action by the United States to recover the compensation. The cooperation shall include, but is not limited to, immediately reimbursing to the Fund any compensation received from any other source for the same costs and/or damages and, providing any documentation, evidence, testimony, and other support, as may be necessary for the Fund to recover such compensation.

I, the undersigned, certify that, to the best of my knowledge and belief, the information contained in this claim represents all material facts and is true. I understand that misrepresentation of facts is subject to prosecution under Federal law (including but not limited to 18 U.S.C. 287 and 1001).

15. _____ Date _____ 16. _____ Date _____
Claimant's Signature Legal Representative

Chris K. Marcy
Case Management Division
Coastal States of Texas & Louisiana
EPA Region 6
EPA Region 7
NPFC Regional Manager

National Pollution Funds Center
<http://www.uscg.mil/npfc>



A microscopic image of Burkholderia pseudomallei bacteria. The bacteria are rod-shaped and appear as small, purple-stained clusters and chains against a red background, which is likely the agar plate. A large, semi-transparent white circle is overlaid on the left side of the image, containing text.

Burkholderia pseudomallei

Rod shaped, soil dwelling bacteria.

Endemic in tropical and subtropical regions worldwide.

Infects human and animals, causing **Melioidosis**.

Melioidosis

- Most people infected with *B. pseudomallei* experience no symptoms, but those who do experience symptoms have signs and symptoms that range from mild, such as fever, skin changes, and abscesses, to severe with inflammation brain and joints, and dangerously low blood pressure that causes death. About 10% of people with melioidosis develop symptoms that last longer than two months, termed "chronic melioidosis."



2021 Multi-State outbreak of Melioidosis

- In March-July 2021, four linked cases (including two deaths) of melioidosis in Georgia, Kansas, Minnesota, and Texas.
- In October 2021, CDC identified *B. pseudomallei*, in an aromatherapy spray that was found in the home of the Georgia patient.
- Further CDC testing showed that the genetic fingerprint of the bacteria in the bottle matches those of the bacteria identified in the four patients.
- In November 2021, CDC and Walmart issued a recall.

Background

- <https://www.kxii.com/2021/10/30/cdc-identifies-cause-local-girls-rare-disease/>
- In the Spring of 2021, a four-year-old child from Bells, TX was admitted to the hospital with a life-threatening illness
- Diagnosed with Melioidosis, caused by the bacteria *Burkholderia Pseudomallei*
- Texas Department of State and Health Services investigated along with CDC
- Linked to other outbreaks in Georgia, Kansas, and Minnesota from an aromatherapy spray sold by Walmart
- During the investigation, CDC and DSHS discovered that a pet racoon also came into contact with the aromatherapy spray, died shortly after, and was buried in the family's back yard
- Concern that the bacteria could still be present in the carcass of the racoon





EPA's Involvement

Texas Department of State and Health Services requested assistance from CDC in an Epi-Aid to investigate the pet and to decontaminate the area where it was buried

In December 2021, CDC reached out to the EPA Biowatch team for guidance on decontaminating the area where the racoon was buried

Worked with other EPA departments to develop a decontamination plan

On March 7, 2022 CDC requested EPA assistance for the assessment (specifically perform the excavation and decontaminate the racoon and surrounding soil

DSHS and CDC wanted the job completed in one mobilization to minimize disruption to the property owners

Objective

Determine

Determine if *B. Pseudomallei* is present in immediate burial site or carcass (determination of potential risk)



Determine

Determine if *B. Pseudomallei* has migrated from immediate burial site (radial samples @2' increments)



Conduct

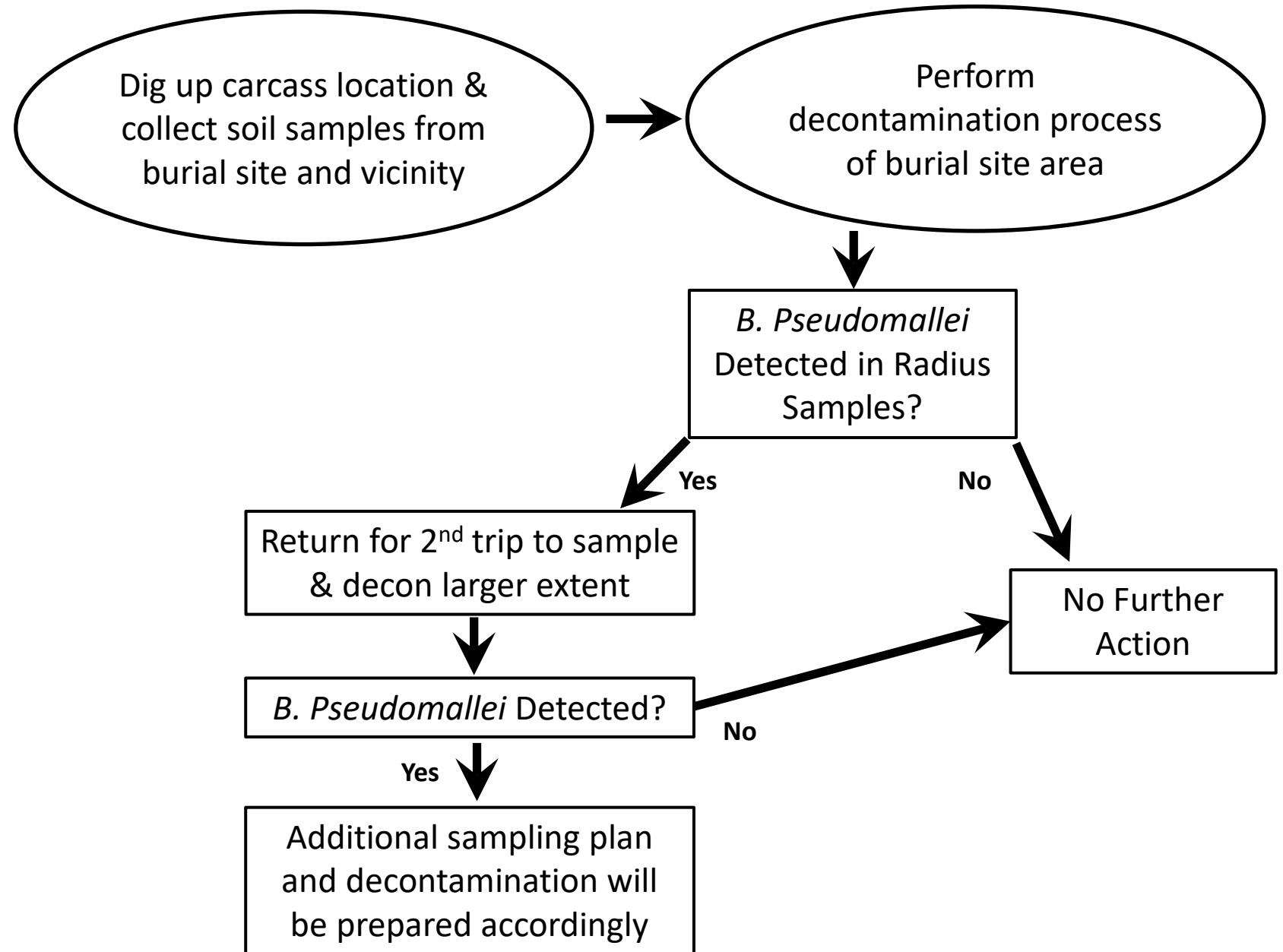
Conduct remediation of immediate burial site and contents as precautionary risk reduction measure

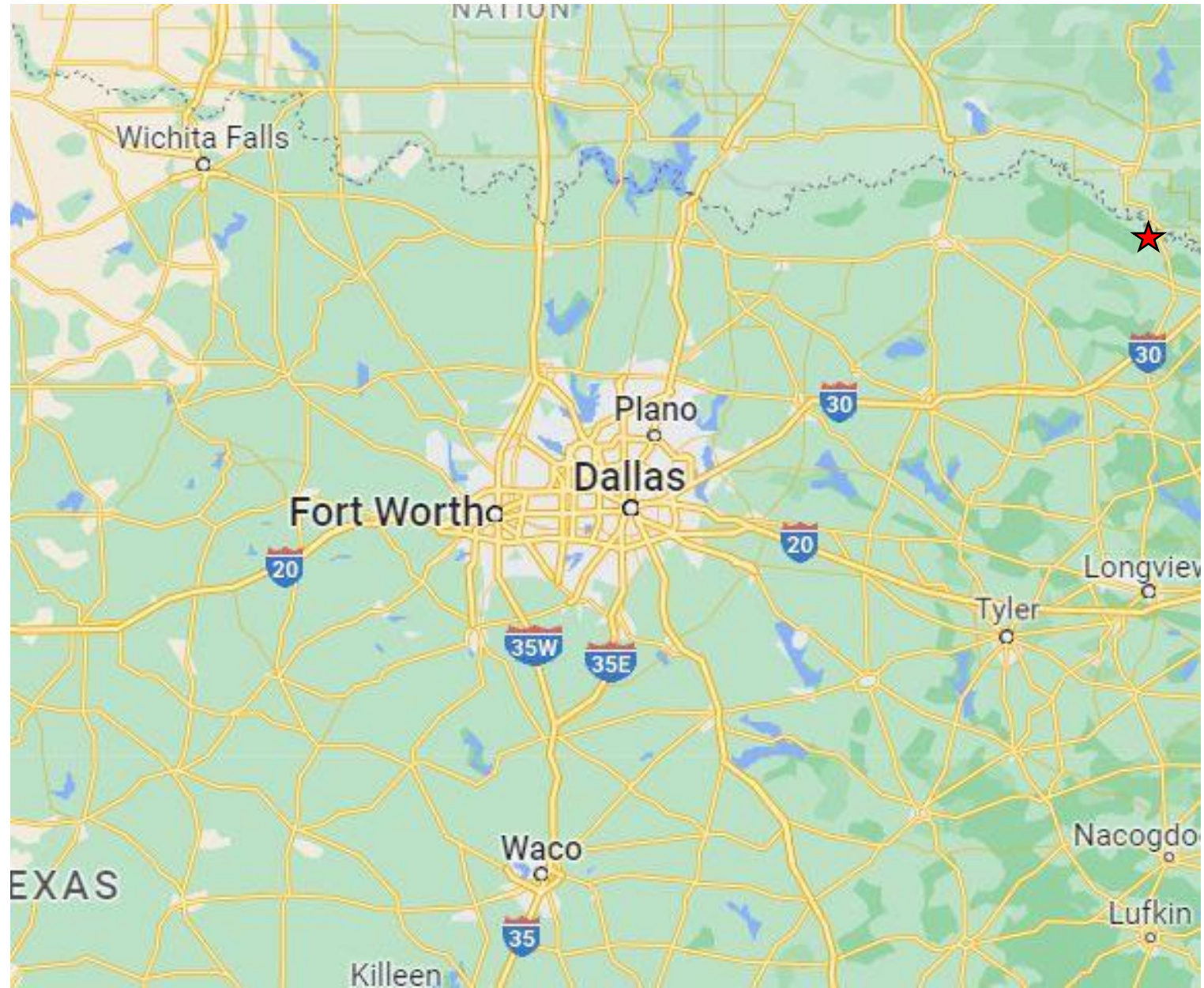


Conduct

Conduct remediation in burial vicinity sufficient to reduce future exposure risk

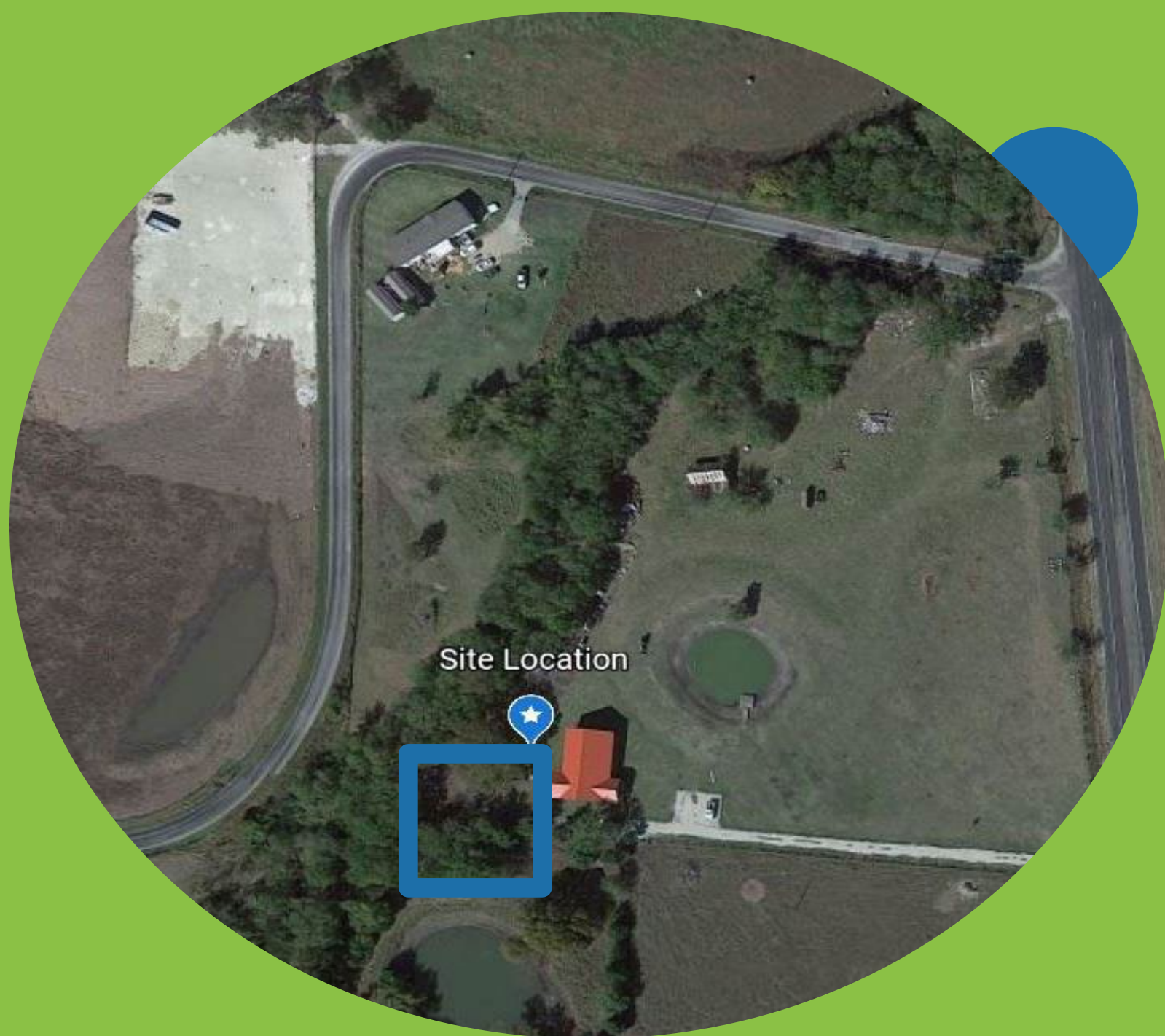
Decision Flow Chart







Location



Field Work

- EPA, CDC, DSHS mobilized to the site on April 19, 2022
- Utilized a mini excavator to exhume carcass and expose sampling points
- CDC collected tissue samples of the carcass and soil samples from the soil around the carcass
- Placed the soil and carcass into drums with a 3:1 water to germicidal bleach solution to saturate overnight
- Returned to the site on April 20
- Returned the carcass to the excavation and backfilled with clean soil, and laid grass seed and straw
- Spread the decontaminated soil on the ground to dry out and be spread by the homeowner





Field Work

Field Work





Field Work

Field Work



Other Considerations and Challenges

Coordinating PPE

No direct communication with the property owner

No site visit prior to arriving to start work

Unexpected conditions in the field

Communication between agencies



Any

Questions?

BSEE Offshore Area Contingency Plan Project Overview

RRT-6 Meeting

Gabrielle G. McGrath, RPS
Bryan Rogers, BSEE

3 November 2022



Goal of Project

Improve the content of ACPs to address oil spill planning and response for offshore oil and gas infrastructure

Deepwater Horizon

Incident Specific Preparedness Review (ISPR) – 2011

“ACPs in the Gulf generally did not contain WCD scenarios involving offshore oil exploration activities, resulting in a lack of preparedness.”

“BOEMRE (now BSEE) should participate in Area Committees...to ensure integration of OSRPs and ACPs and the availability of equipment, trained personnel, OSROs, vessel programs, and other response resources to implement recovery and protection strategies”

“Most Gulf ACPs are inadequate with regard to Environmentally Sensitive Areas (ESAs)...protection strategies were incomplete or missing from ACPs.”

BSEE Study Oil Spill Response Plan (OSRP)

Capabilities Review – February 2016

- As part of a BSEE effort to model responses to WCDs on the Outer Continental Shelf, a review was conducted of response strategies and tactics in the appropriate RCPs and ACPs.
- .
- Overall finding -- offshore response information lacked detail and required further development.

“There were many lessons learned during the Macondo response that have not been transferred to the ACP and RCPs. BSEE should work with RRTs and Area Committees to develop strategic and tactical guidance for employing response countermeasures in RCPs and ACPs based on lessons learned from the Deepwater Horizon response efforts. This guidance is especially needed in the offshore and open ocean zones.”

BSEE Offshore ACP Development Project **Multi-Year, \$1.9M Contract (52 months)**

1. Gulf of Mexico – October 2019 to March 2023

- South Texas Coastal Zone ACP (*Corpus Christi, TX*)
- Central Texas Coastal ACP (*Houston-Galveston, TX*)
- Southeast Texas and Southwest Louisiana ACP (*Port Arthur, TX*)
- South-central Louisiana ACP (*Houma, LA*)
- Southeast Louisiana ACP (*New Orleans, LA*)
- Alabama, Mississippi and Northwest Florida ACP (*Mobile, AL*)

■ *2. Arctic & Western Alaska ACP (19 months)*

■ *3. Los Angeles-Long Beach ACP (8 months)*



Key Information Elements Required in ACPs

Description of the
Area

WCD Scenarios

Coordination
Structures

Response
Equipment

Sensitive
Resources

Response
Strategies

Review:

Gather Offshore Infrastructure & WCD Information

Task 1

Assess:

RCP / ACP Gap Analysis

Task 2

Develop:

Infrastructure

Task 3

WCD Scenarios

Task 4

CONOPS,
Response
Strategies, &
BMPs

Task 7

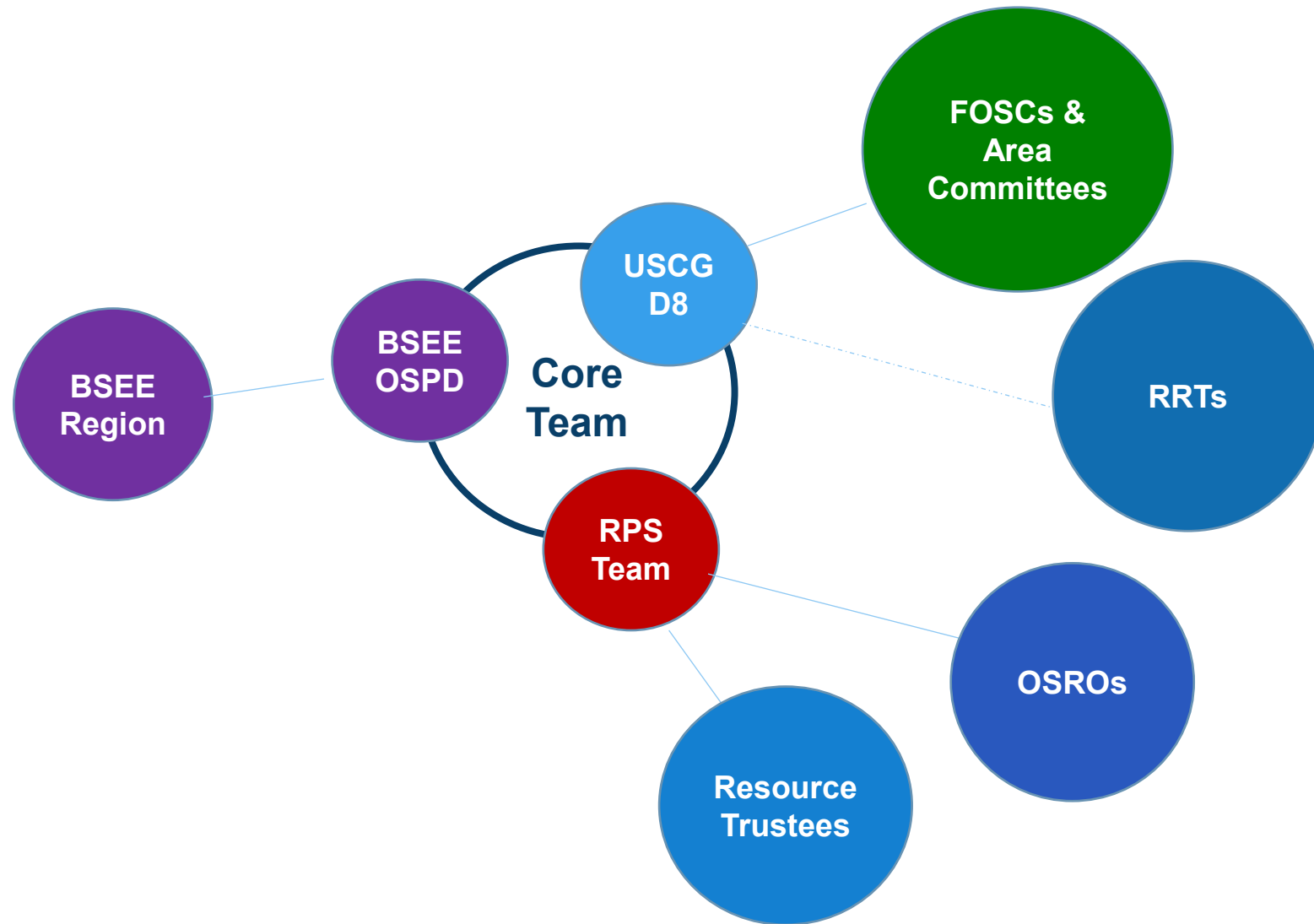
Response
Equipment

Task 5

Sensitive
Resources

Task 6

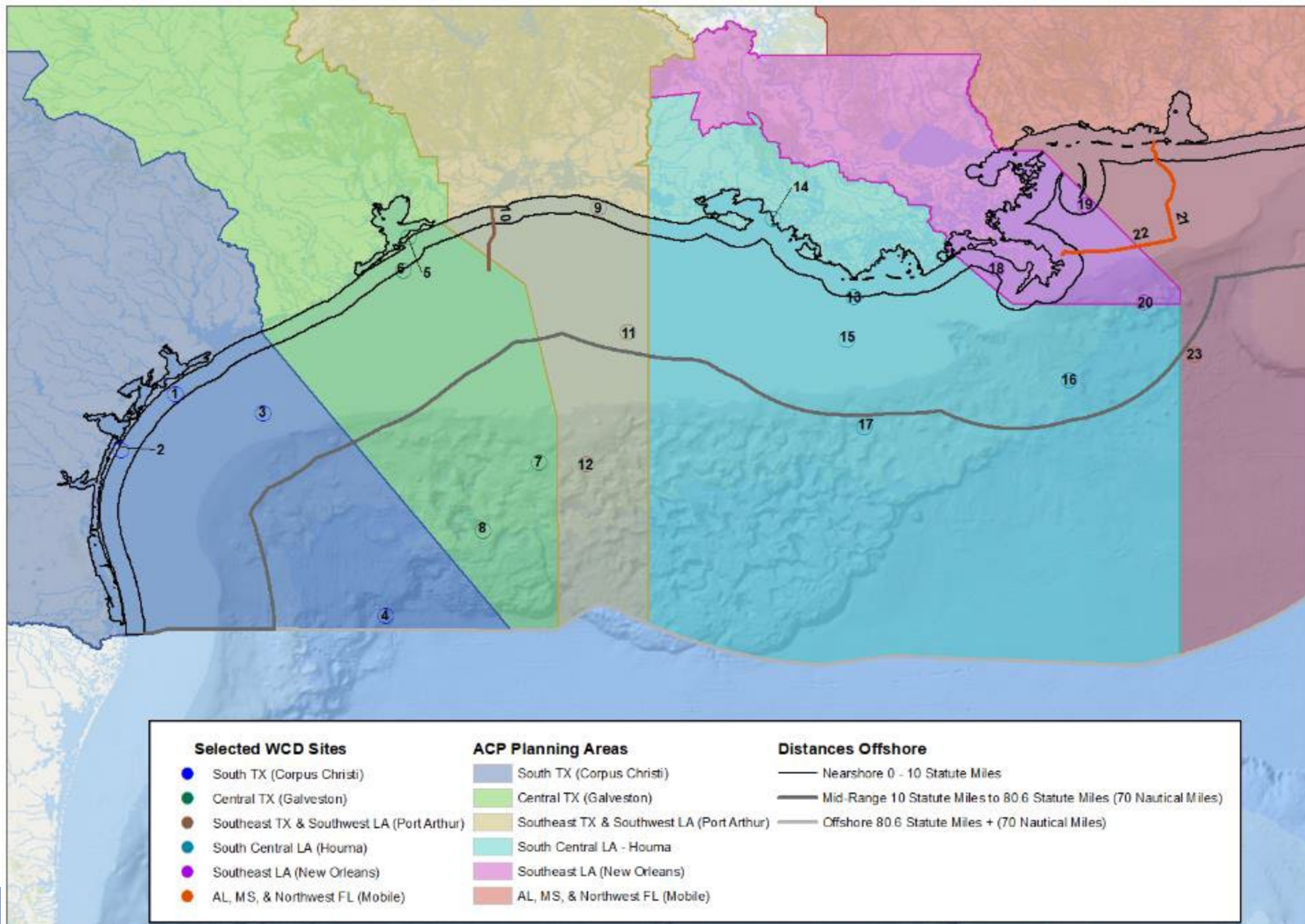
Project Coordination



Gulf of Mexico

Identify and Select WCD Scenarios

- Initially selected 4 WCD Scenarios per ACP Planning Area to consider.
- Conducted Statewide Stakeholder Meetings to select scenarios.
- Goal to select 1-2 WCD Scenarios per ACP Planning Area for inclusion as planning scenarios in the ACPs.
- Scenarios chosen based on overall impact, diversity of scenarios, and stakeholder priorities.

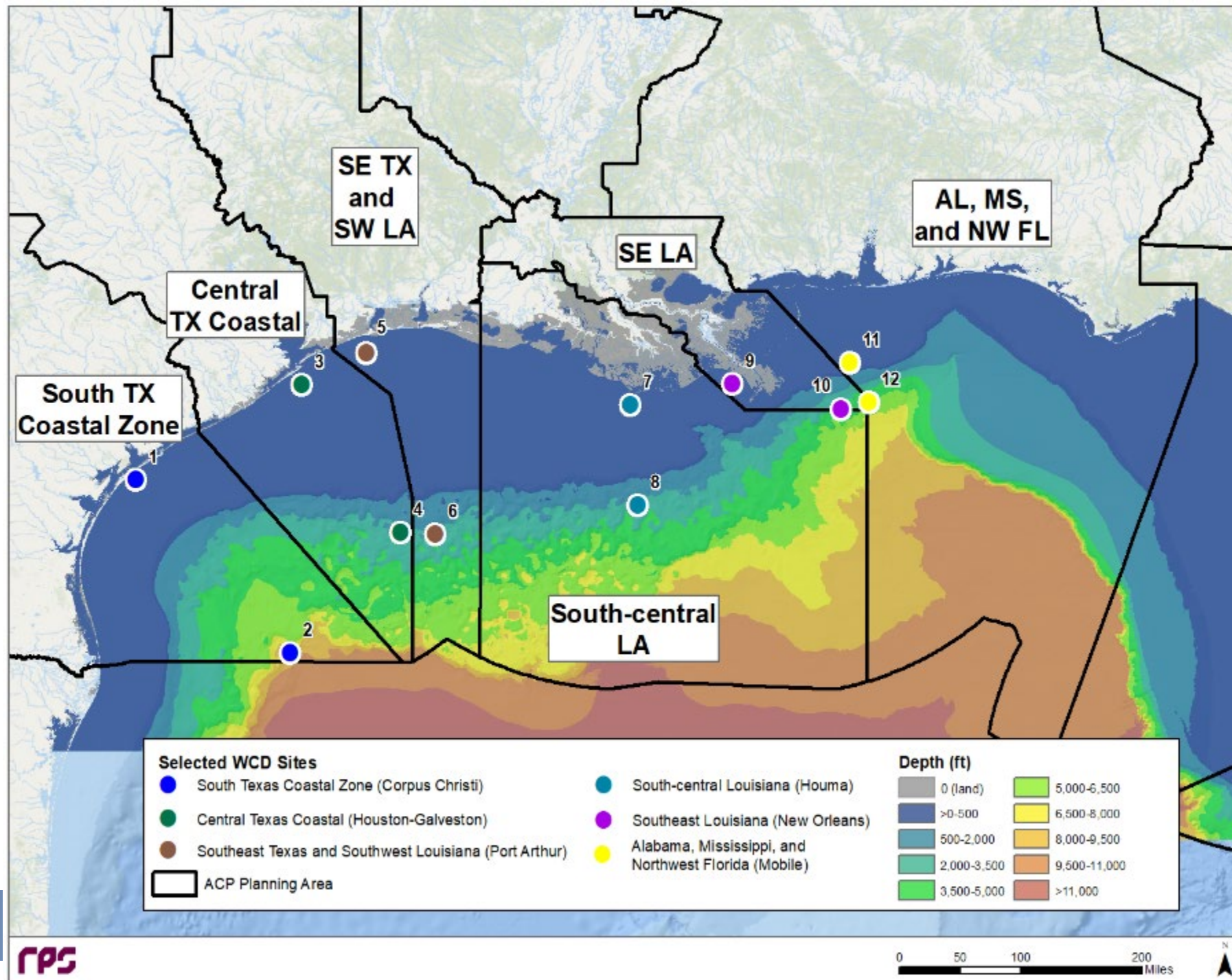


Gulf of Mexico WCD Scenario Selection Process

- Reviewed all scenarios in the ACP Planning Area
- Facilitated discussion of selections
- Ask for concurrence on proposed scenarios:
 - State agencies
 - Any local entity
 - Federal agencies (other than USCG)
 - USCG
 - Any alibis from Area Committee members
- Make WCD Scenario Selection

Gulf of Mexico Project Team WCD Recommendations

Rationale for Rating Scenario Parameters & Environmental Oil Exposure					
Parameters	Red (Most Significant)	Orange	Yellow	Green (Least Significant)	Comments
Discharge Volume	Millions of Barrels. The largest discharge volume is red.	Second largest discharge in a zone when over 1 million bbls	Greater than 10,000 bbls Less than 1 million bbls	Less than 10,000 bbls	Relative ratings by size. The scenario with largest volume discharge in each zone is automatically selected and scored red.
Discharge Depth	Deepest subsea discharges	Deep subsea discharges	Shallow subsea discharges	Surface discharges	Deeper subsea discharges are rated higher due to the increased difficulty in securing the source quickly.
Distance to Shore	Very close to shore, less than 10 nautical miles	Greater than 100 nautical miles from shore	Less than 100 nautical miles from shore	N/A	Discharges less than 10 nm from shore are rated red due to rapid response times required. Discharges further than 100 nm from shore are rated orange due to the logistical challenges present with responding to a spill that far offshore.
Time to Shore	Discharges with shoreline impacts that occur in less than one day	Shoreline impacts in less than 10 days	Shoreline impacts in less than 20 days	Shoreline impacts after 20 days	Spills with the shortest response times for shoreline impact received highest rating.
Oil Type/API Gravity (persistence)	Heavy Crudes less than 25 API Gravity	Medium Crudes (26-31 API Gravity) & Medium-Light Crudes less than 35 API Gravity	Medium-Light Crude greater than 35 API Gravity & Light Crudes (36-40 API Gravity)	Condensates are ultra-light, non-persistent hydrocarbons that initially exist in a gaseous state but have liquefied due to changes in temperature or pressure. API Gravity approaching or exceeding 50.	The heavier the grade of crude oil, the more persistent it will be in the environment.
Surface Oil Concentrations – 0.04 μm^*	Greater than 50,000 mi. ²	Greater than 10,000 mi. ²	Greater than 100 mi. ²	Less than 100 mi. ²	
Surface Oil Concentrations – 10 μm^*	Greater than 5,000 mi. ²	Greater than 1,000 mi. ²	Greater than 5 mi. ²	Less than 5 mi. ²	
Shoreline Oil Concentrations	Greater than 1,000 miles	Greater than 250 miles	Greater than 50 miles	Less than 50 miles	
Water Column Oil Concentrations *	Greater than 100,000 million cubic meters	Greater than 50,000 million cubic meters	Greater than 500 million cubic meters	Less than 500 million cubic meters	



Oil Spill Scenario Parameters								Environmental Oil Exposure at Designated Thresholds				
ID	ACP Planning Area	Scenario Name	Total Volume Discharged (bbl)	Discharge Duration (days)	Discharge Depth (m)	Approximate Distance to Shore (nm)	Oil Type + (API Gravity)	Swept Surface Area (mi²) Exceeding 0.04 µm	Swept Surface Area (mi²) Exceeding 10 µm	Shore Length (mi) Exceeding 10 µm	Water Column Volume (m³) Exceeding 10 ppb Dissolved PAH	Time to Shore
1	South TX Coastal Zone	White Marlin Storage Tank, Pipeline, and Well Blowout	19,503	30	Surface	5	Heavy Crude (24)	794	12	240	21 million	9.5 hours
2		Shell Perdido Drilling Well Blowout	3,870,000	30	2,571	120	Med-Light Crude (34)	197,150	21,944	948	79,200 million	32.5 days
3	Central TX Coastal	American Midstream Pipeline Discharge	16,873	1	17.5	9	Light Crude (39.9)	8,515	47	193	219 million	6.9 days
4		Kosmos Energy Drilling Well Blowout	12,912,000	30	596	125	Medium Crude (31)	275,605	40,184	610	229,682 million	18.6 days
5	SE TX + SW LA	Genesis Crude Pipeline Discharge	21,875	1	Surface	12	Med-Light Crude (32)	10,011	139	246	309.million	5.9 days
6		Kosmos Sioux Falls SL 1 Well Blowout	10,645,350	30	589	130	Med-Light Crude (35)	159,874	36,390	1,546	120,900 million	12.9 days
7	South-central LA	Talos Drilling, No. 69 Well Blowout	2,771,250	30	Surface	10	Medium Crude (31.4)	90,103	7,397	1,152	26,019 million	1.4 days
8		Fieldwood Drilling TA009 Well Blowout	13,998,300	30	772	80	Med-Light Crude (32)	322,554	35,866	2,288	254,300 million	12.8 days
9	Southeast LA	Energy XXI Platform J Storage Tank, Pipeline, and Well J-5 Blowout	3,721,764	30	Surface	7	Med-Light Crude (34)	123,676	10,344	1,383	33,344 million	1.5 days
10		Chevron Drilling Hoffe Park Well Blowout	13,971,270	30	1,223	42	Light Crude (38.2)	301,496	29,079	2,189	204,320 million	14.9 days
11	AL, MS, & NW FL	Panther Operating Pipeline Discharge	3,052	1	63	43	Med-Light Crude (34)	6,776	10	222	96 million	29.3 days
12		Anadarko Drilling King North Well H Blowout	11,843,940	30	1,552	57	Med-Light Crude (33)	330,117	41,575	2,052	258,175 million	13.4 days

South-central LA – Scenario 8 – Fieldwood Drilling

TA009 Well Blowout

Discharge Depth (m)	Distance from Shore (NM)	Oil Type	Spill Type	Discharge Duration (days)	Discharge Flowrate (bbl/day)	Total Oil Discharged (bbl)
772	80	Medium Light Crude API = 32	Subsea Well Blowout	30	466,610	13,998,300

- Impacts:

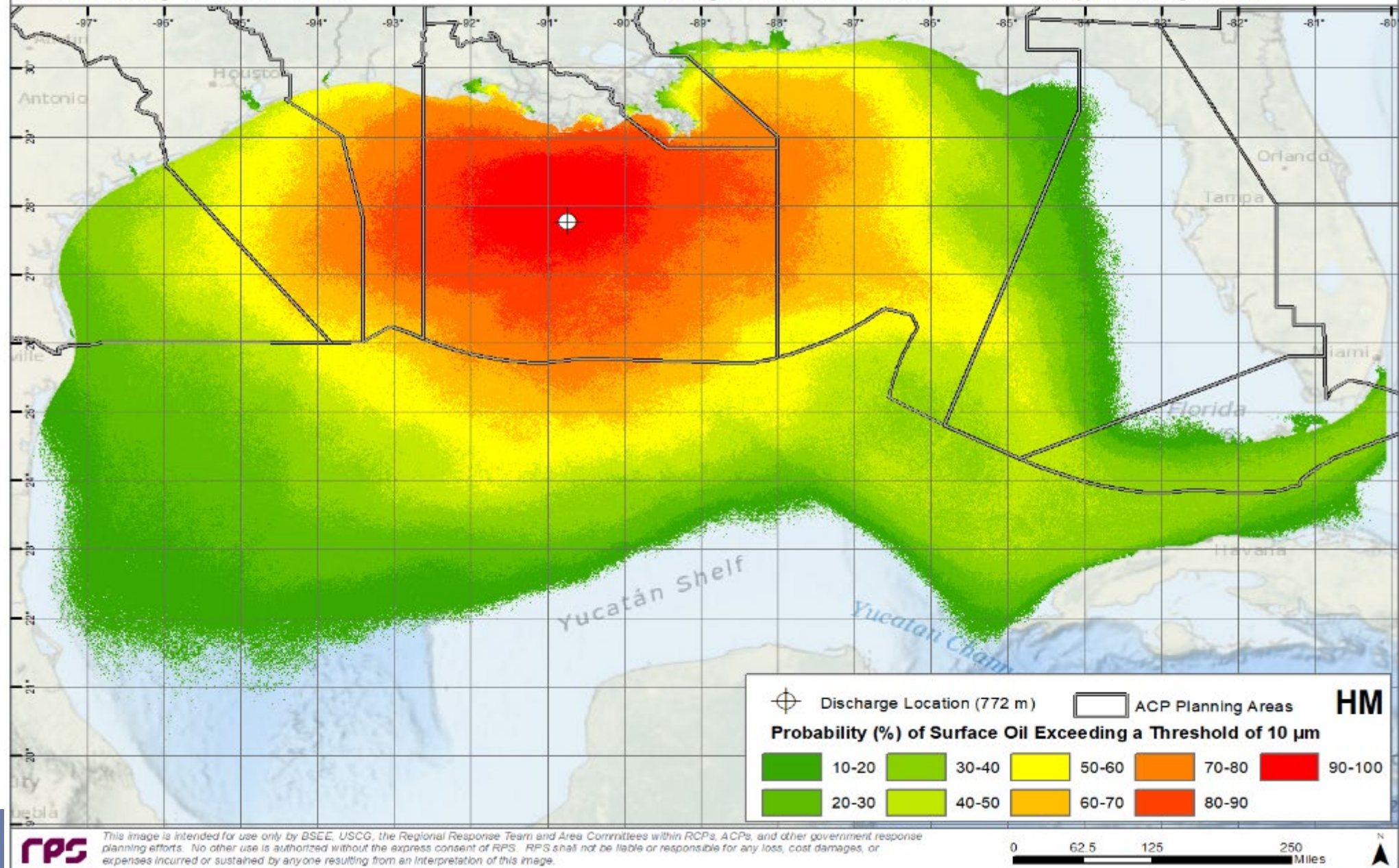
- Swept Surface Area > 0.04 μm (Socioeconomic) = 322,554 mi^2
- Swept Surface Area > 10 μm (Ecological) = 35,866 mi^2
- Shoreline Length > 10 μm (Ecological) = 2,288 mi
- Water Column Volume > 10 ppb Dissolved PAH (Ecological) = 254,300 million m^3
- Time to Shore = 12.8 days

Probability of Surface Oil Exceeding a Threshold of 10 μm

Fieldwood Drilling TA009 Well Blowout

Discharge Volume: 13,998,300 bbl

Oil Type: Med-Light Crude



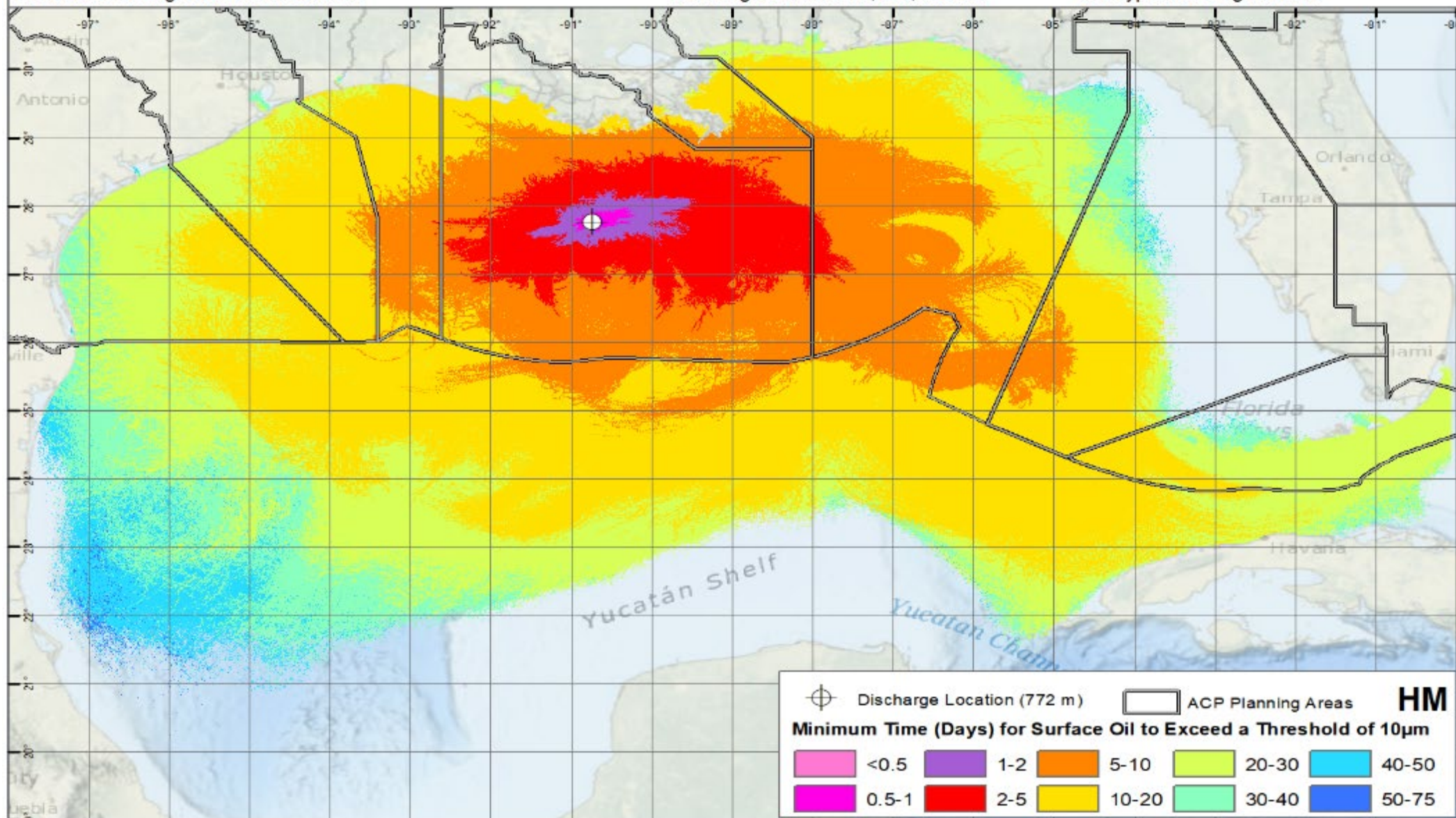
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Minimum Time for Surface Oil to Exceed a Threshold of 10 μ m

Fieldwood Drilling TA009 Well Blowout

Discharge Volume: 13,998,300 bbl

Oil Type: Med-Light Crude



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0 62.5 125 250 Miles

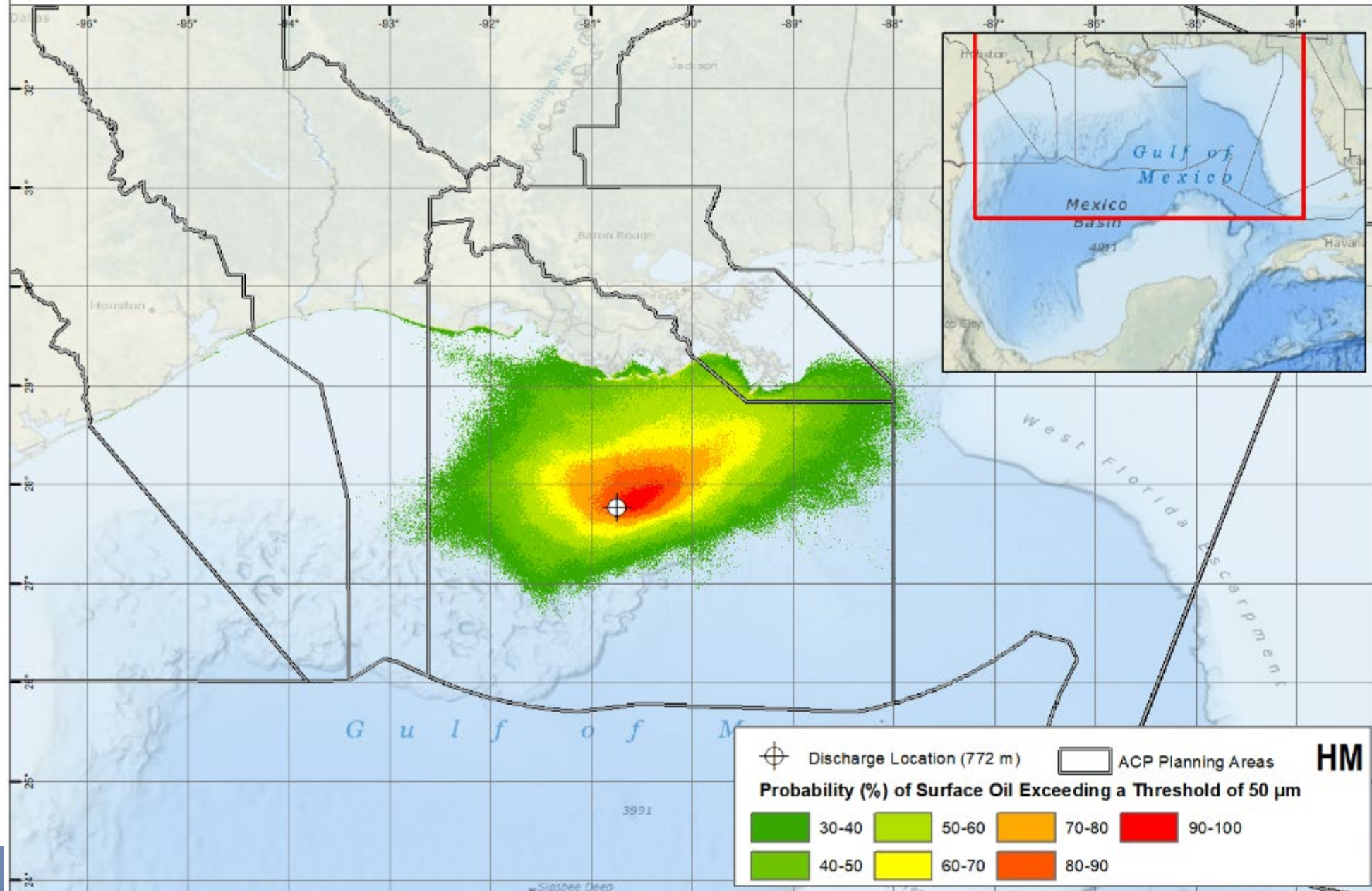


Probability of Surface Oil Exceeding a Threshold of 50 μ m

Fieldwood Drilling TA009 Well Blowout

Discharge Volume: 13,998,300 bbl

Oil Type: Med-Light Crude

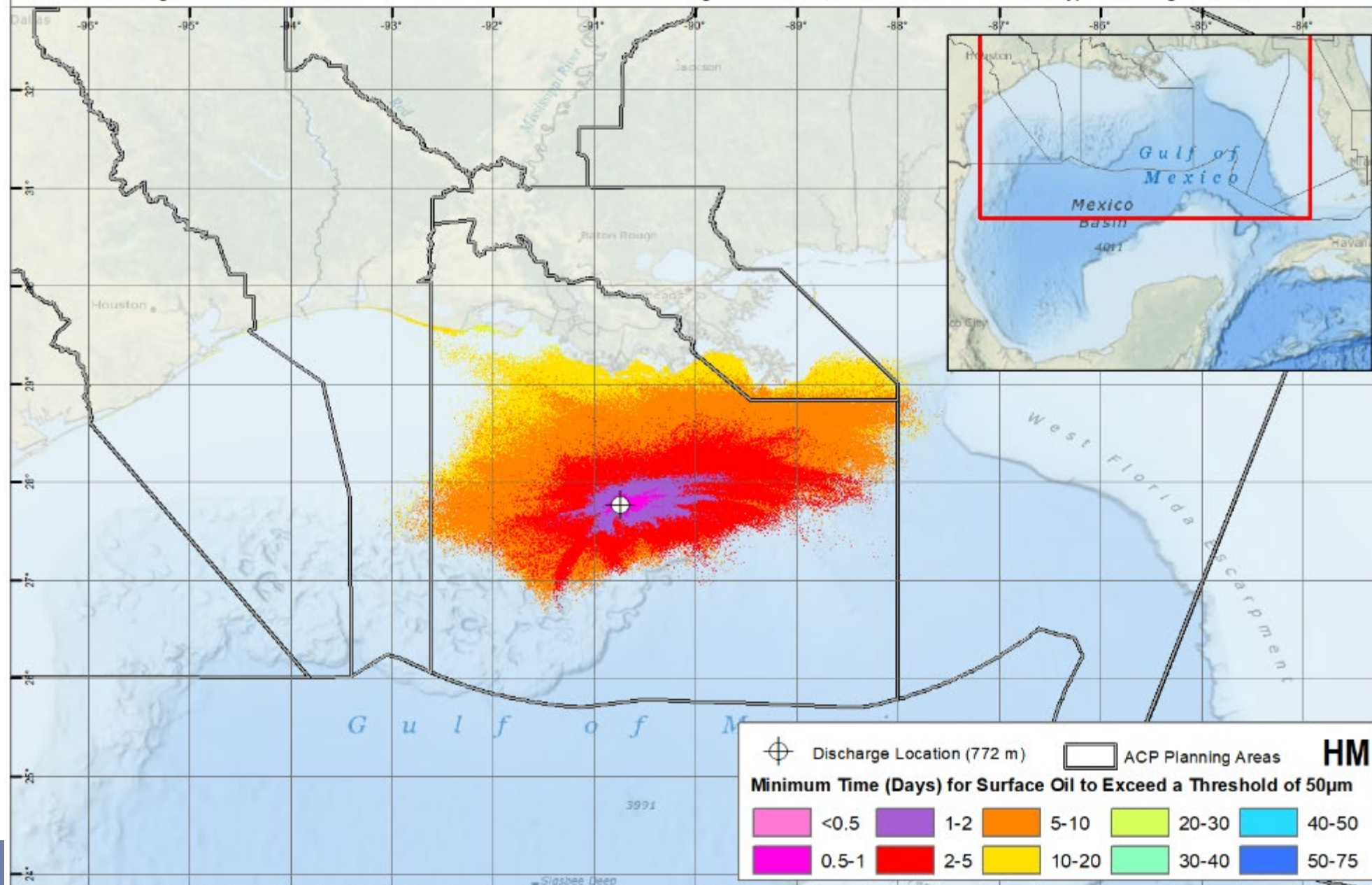


Minimum Time for Surface Oil to Exceed a Threshold of 50 μm

Fieldwood Drilling TA009 Well Blowout

Discharge Volume: 13,998,300 bbl

Oil Type: Med-Light Crude

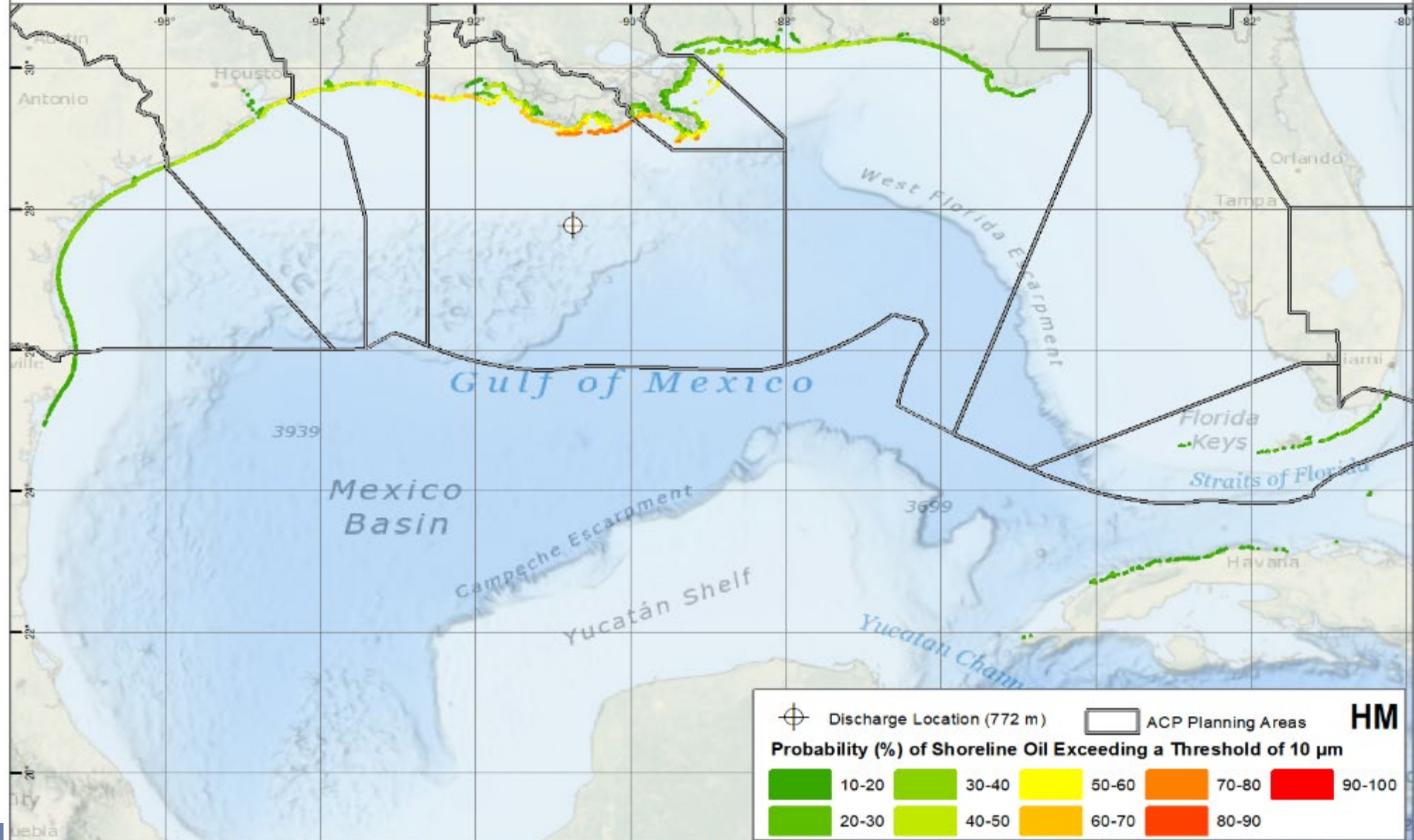


Probability of Shoreline Oil Exceeding a Threshold of 10 µm

Fieldwood Drilling TA009 Well Blowout

Discharge Volume: 13,998,300 bbl

Oil Type: Med-Light Crude



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0 62.5 125 250 Miles

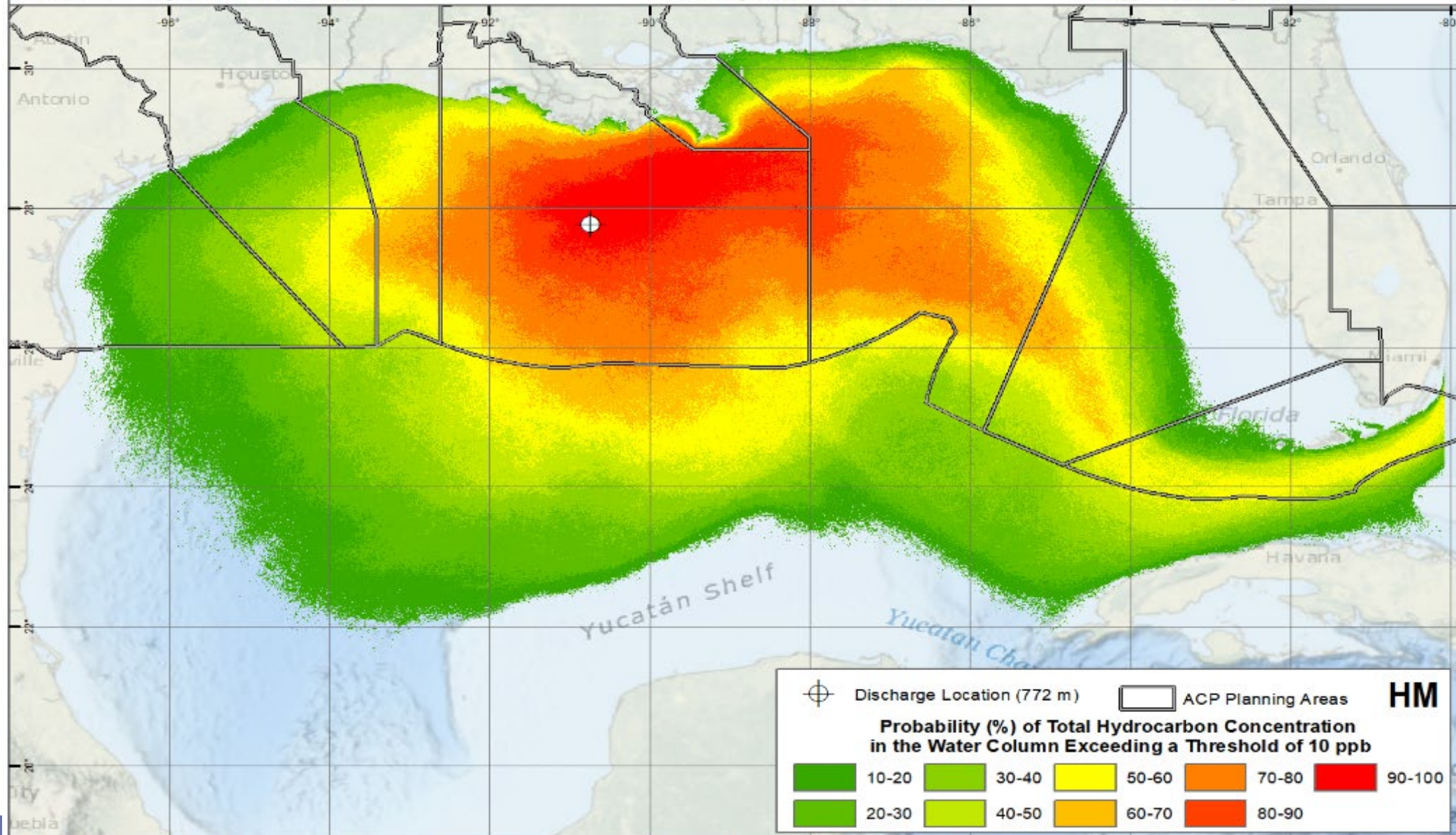


Probability of Total Hydrocarbon Concentration in the Water Column Exceeding a Threshold of 10 ppb

Fieldwood Drilling TA009 Well Blowout

Discharge Volume: 13,998,300 bbl

Oil Type: Med-Light Crude



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0 62.5 125 250 Miles



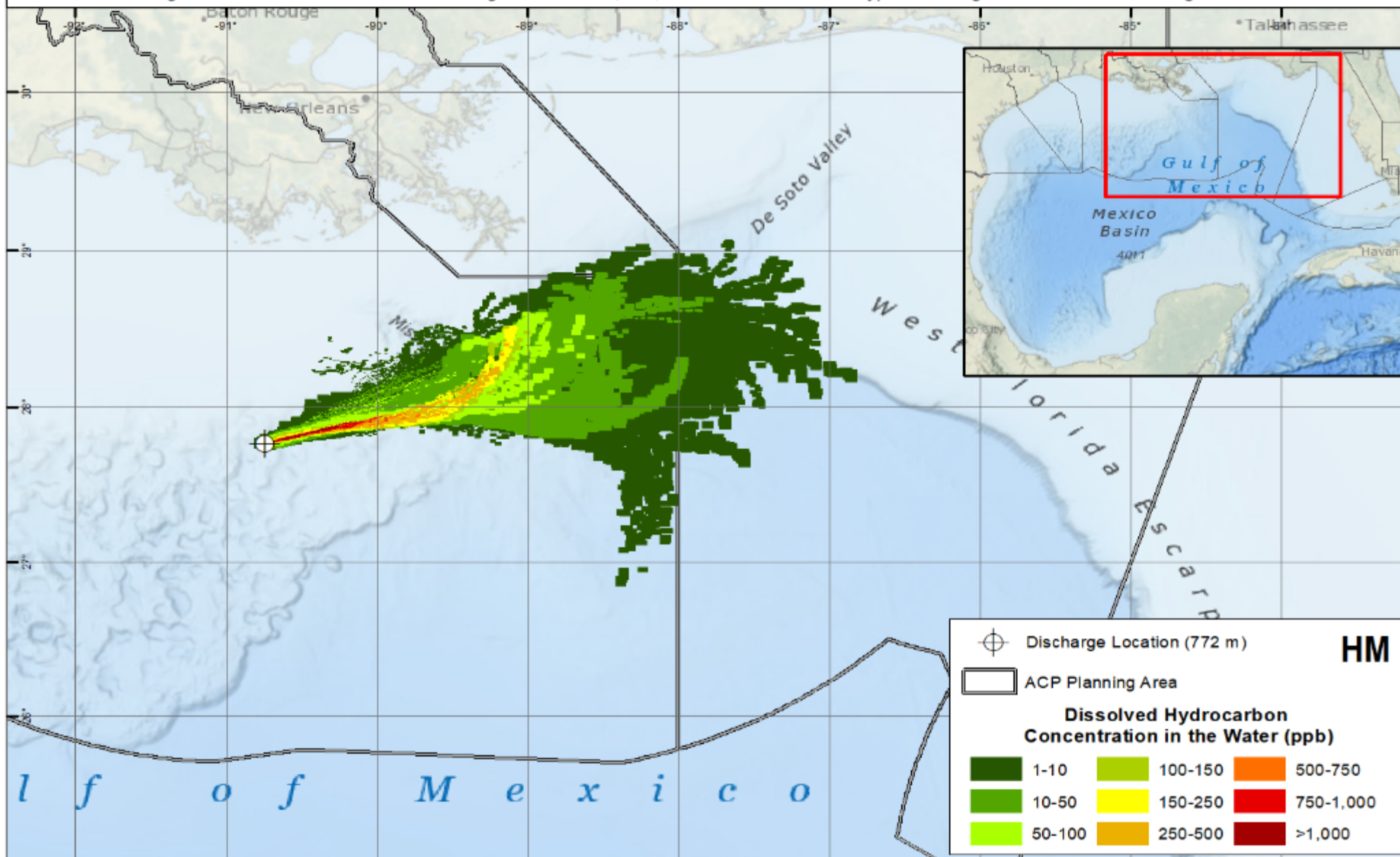
Maximum Dissolved Hydrocarbon Concentration in the Water Column Throughout Simulation Period

Fieldwood Drilling TA009 Well Blowout

Discharge Volume: 13,998,300 bbl

Oil Type: Med-Light Crude

Discharge Start Date: 3/15/2008

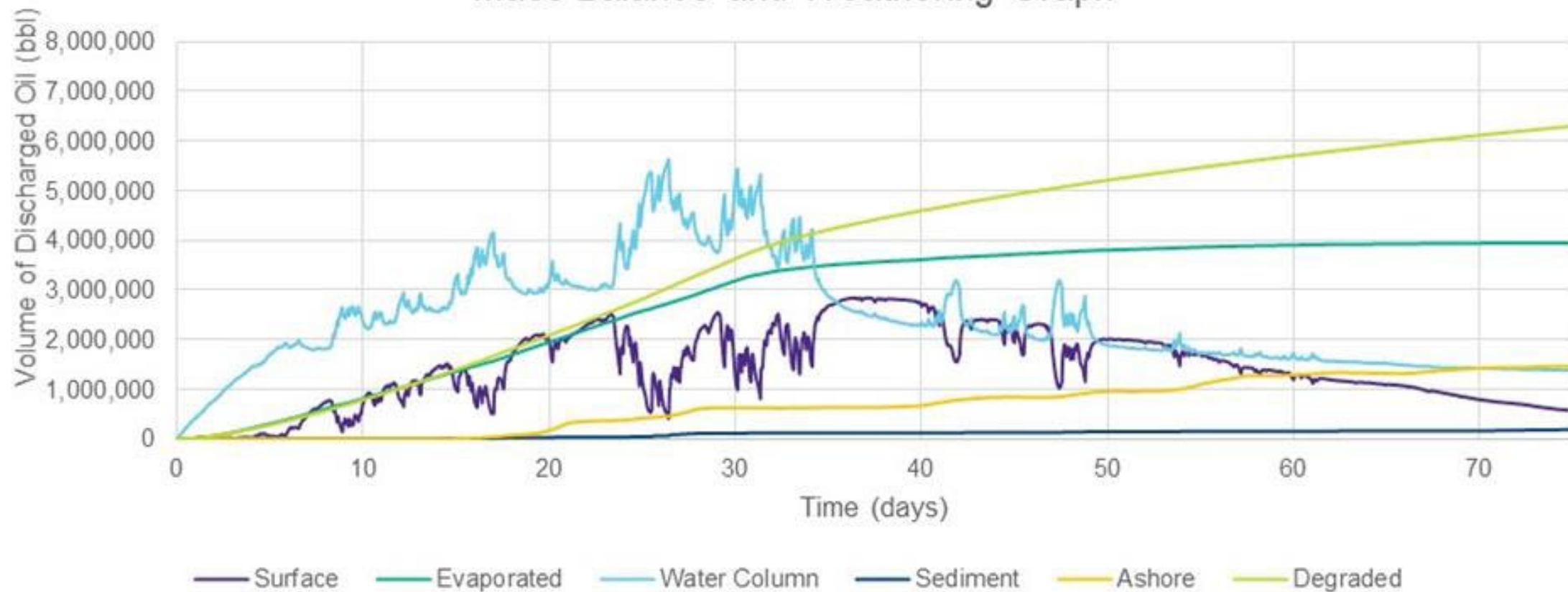


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0 37.5 75 150 Miles

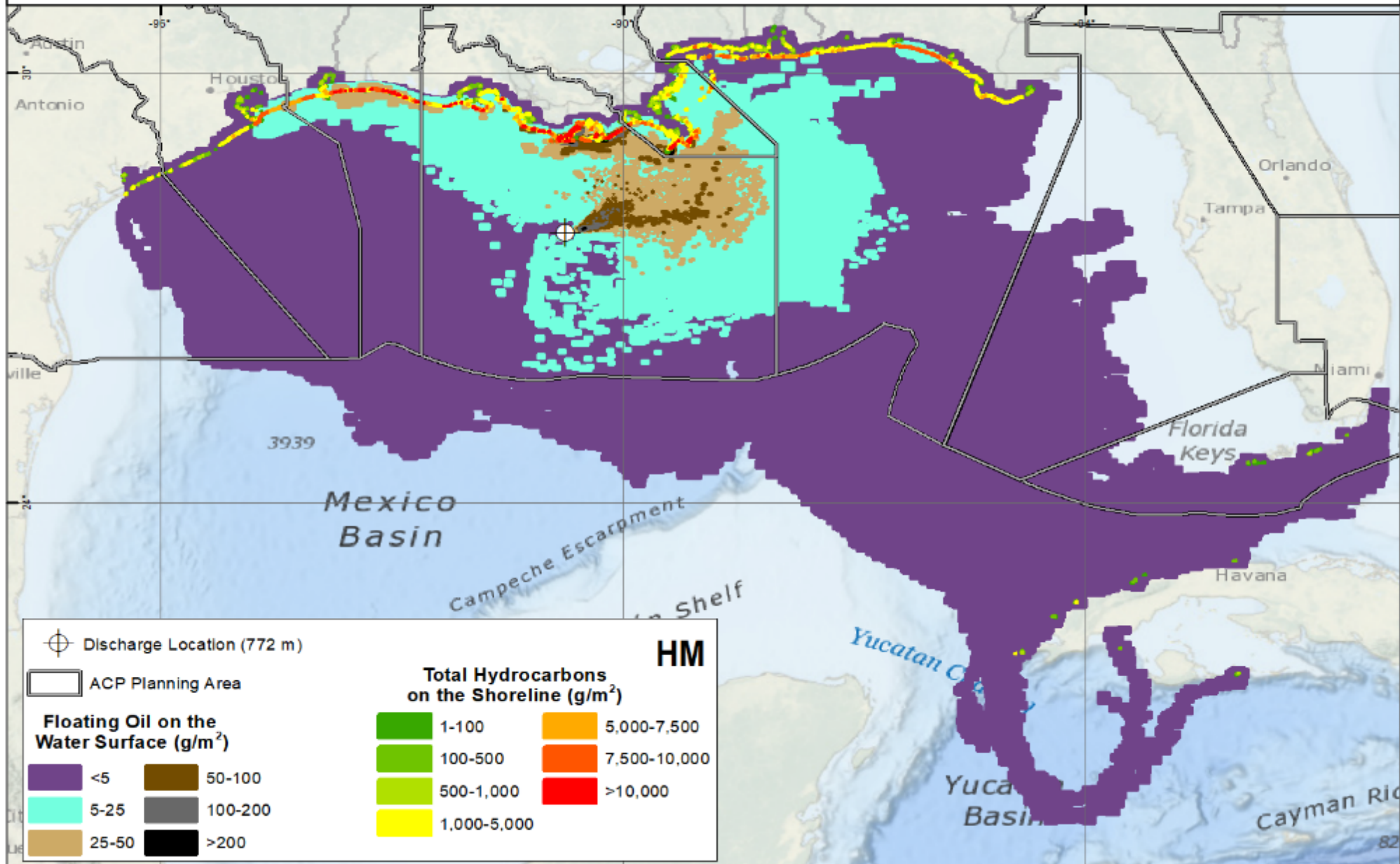


Mass Balance and Weathering Graph



Max Concentration of Floating Oil on the Water Surface and Total Hydrocarbons on the Shoreline Throughout Simulation Period

Fieldwood Drilling TA009 Well Blowout Discharge Volume: 13,998,300 bbl Oil Type: Med-Light Crude Discharge Start Date: 3/15/2008



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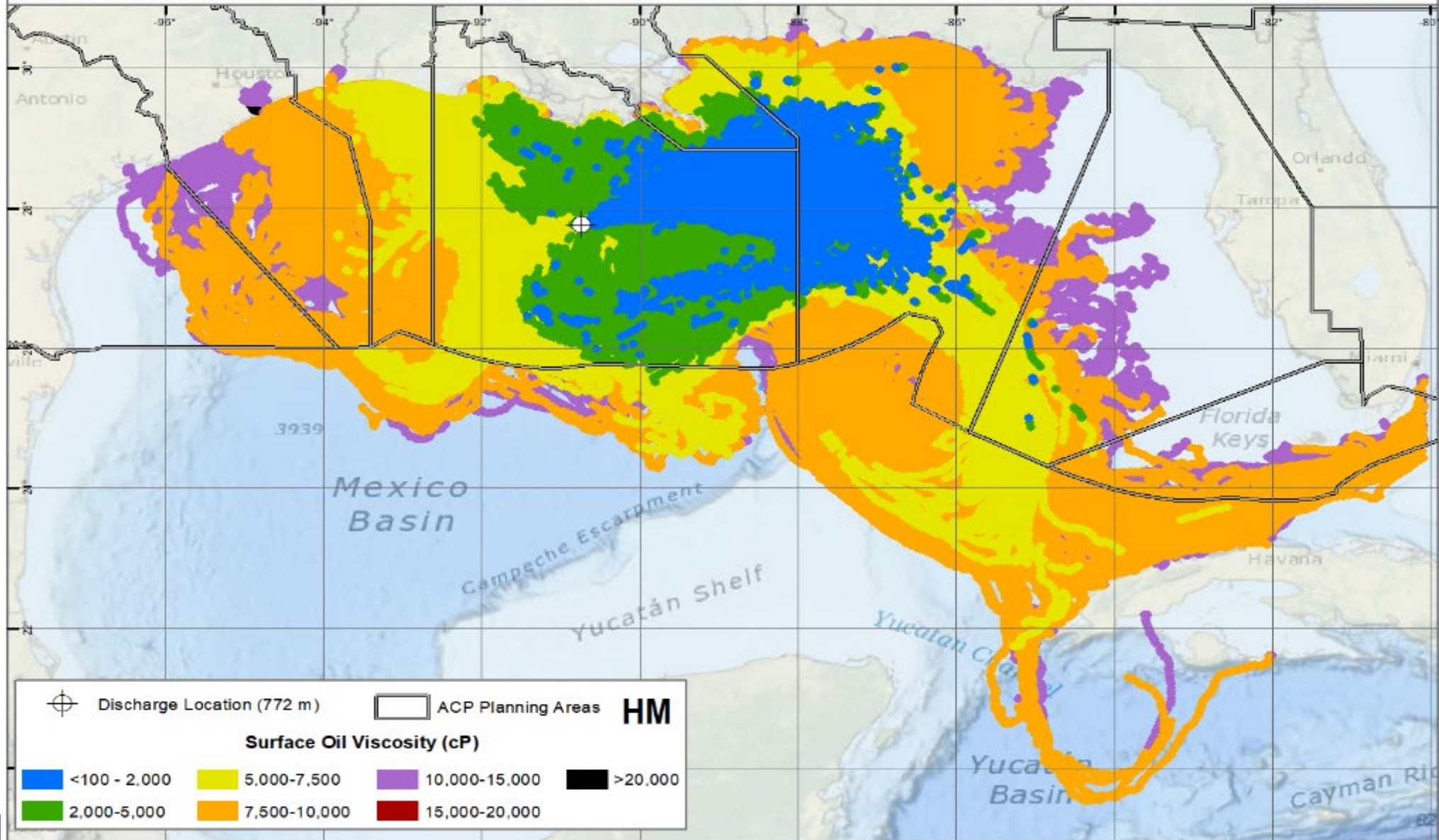
Surface Oil Viscosity Over Spill Duration

Fieldwood Drilling TA009 Well Blowout

Discharge Volume: 13,998,300 bbl

Oil Type: Med-Light Crude

Discharge Start Date: 3/15/2008



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0 62.5 125 250 Miles

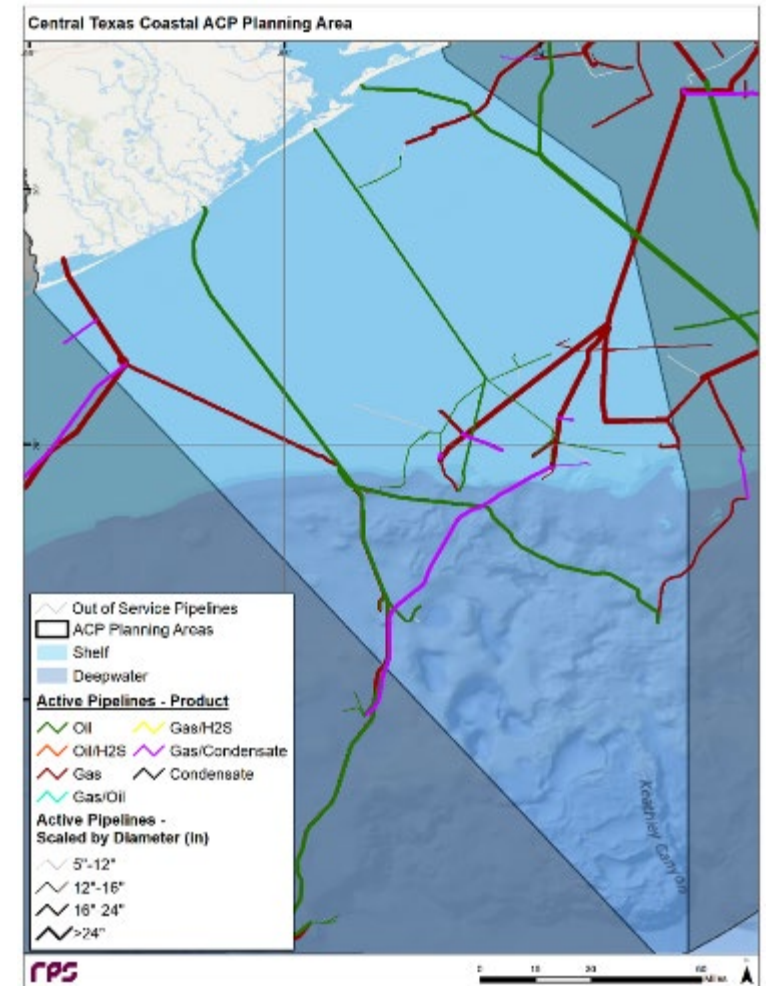


Gulf of Mexico WCD Scenario Content

- WCD Scenario Modeling Overview and 6 ACP-Specific WCD Scenario Appendices (2A-2F).
- The main document explains how the modeling was conducted and how to interpret the tables and figures shown in the scenarios.
- Each appendix provides the complete modeling inputs and outputs for each scenario to assist in responding to a WCD.

Gulf Of Mexico Oil and Gas Infrastructure

- Provides information on Oil and Gas Infrastructure by Planning Area and a Gulf-wide perspective
 - Active Leases
 - Wells
 - Platforms
 - Pipelines
 - Annual Oil Production by Lease



Gulf of Mexico Annual Production by Lease

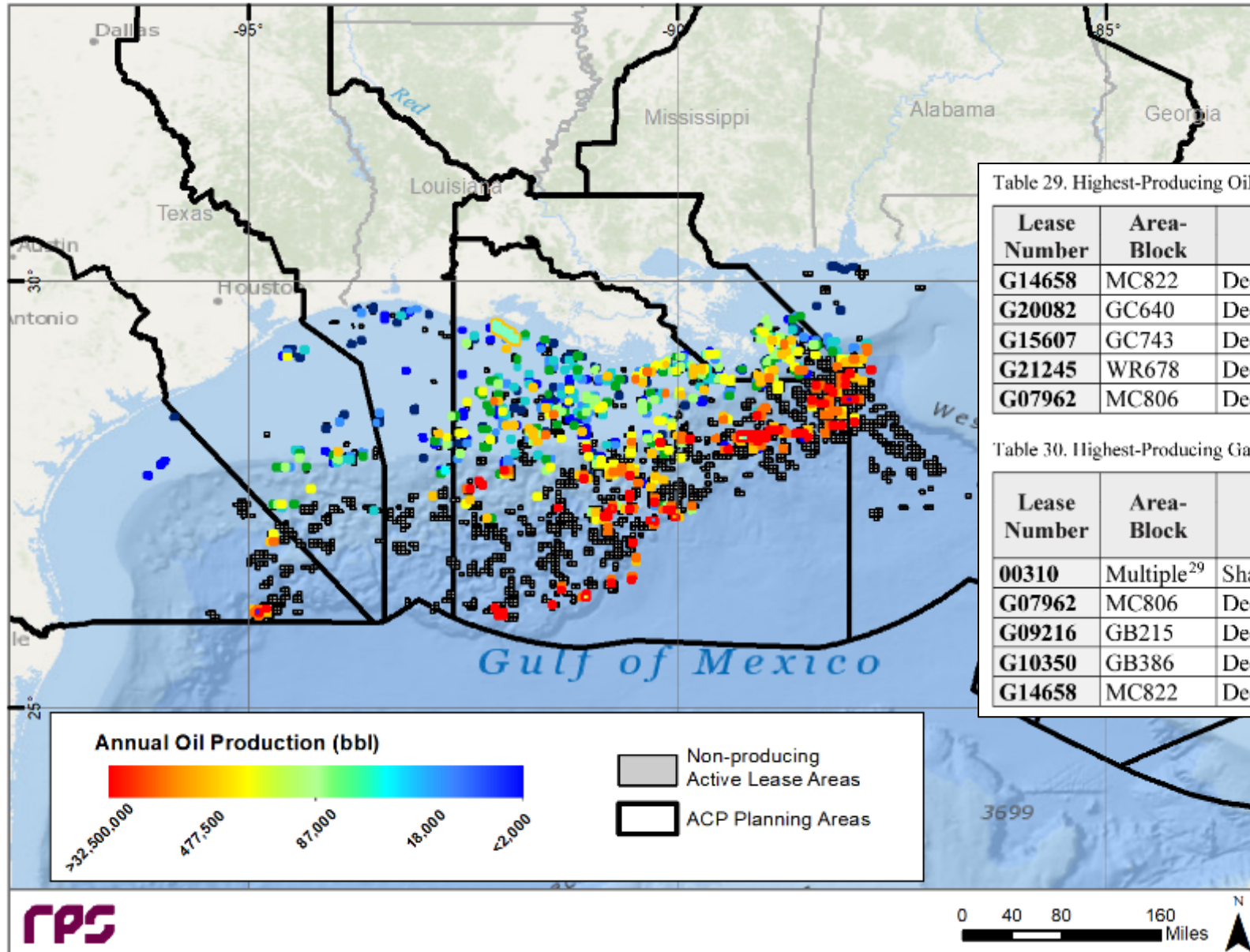


Table 29. Highest-Producing Oil Leases in South-central Louisiana.²⁸

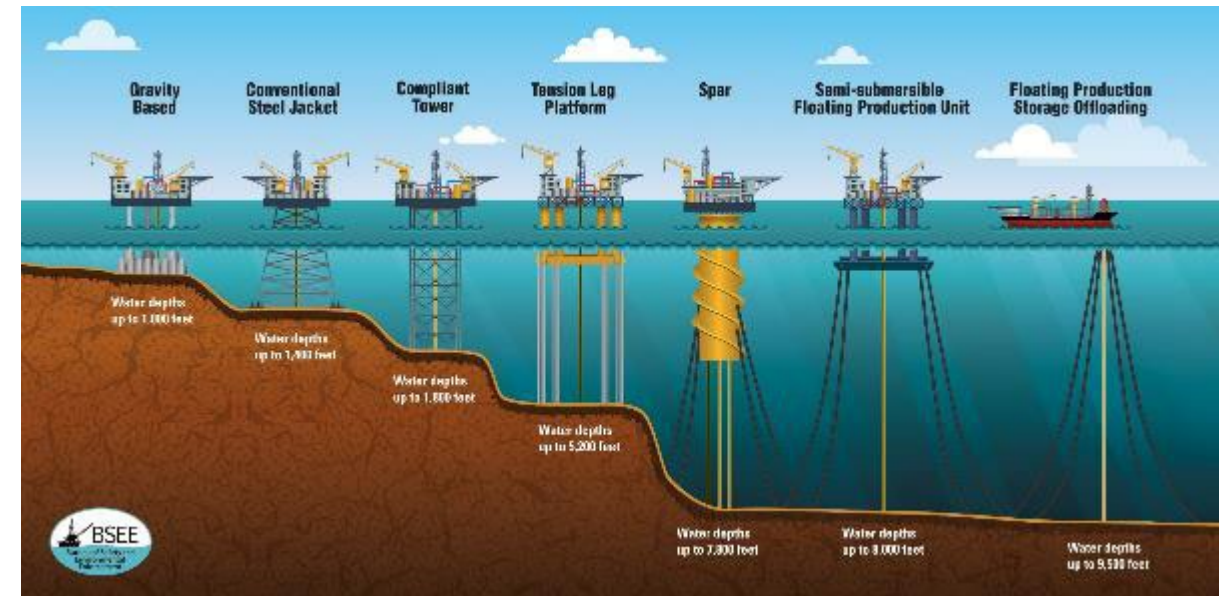
Lease Number	Area-Block	Depth Category	Annual Production	
			Oil + Condensate (bbl)	Gas in Same Lease (mcf)
G14658	MC822	Deepwater	29,536,775	20,867,776
G20082	GC640	Deepwater	27,212,580	15,416,310
G15607	GC743	Deepwater	24,737,579	17,653,095
G21245	WR678	Deepwater	21,721,320	5,304,966
G07962	MC806	Deepwater	20,563,001	26,665,061

Table 30. Highest-Producing Gas Leases in South-central Louisiana.

Lease Number	Area-Block	Depth Category	Annual Production	
			Gas (mcf)	Oil + Condensate in Same Lease (bbl)
00310	Multiple ²⁹	Shallow	180,112,428	18,643,428
G07962	MC806	Deepwater	26,665,061	20,563,001
G09216	GB215	Deepwater	23,640,064	6,729,113
G10350	GB386	Deepwater	22,007,531	3,005,866
G14658	MC822	Deepwater	20,867,776	29,536,775

Gulf of Mexico Oil and Gas Infrastructure

- Offshore Oil and Gas Definitions
- Platform and Rig Types
- Product Types
- Protraction Maps



Gulf of Mexico

Offshore Response Resource Inventory

- Captured Offshore Oil and Gas Response Resources for Gulf of Mexico under the following categories:
 - Source Control
 - On Water Recovery (includes In-Situ Burn equipment)
 - Dispersants
 - Surveillance
- Used survey to gather data from OSROs and equipment providers
- Inventory is available as data layer in NOAA's ERMA.

Gulf of Mexico Concept of Operations (CONOPS)

- CONOPS = the process and strategy involved in preparing for, responding to, and mitigating the impacts from a large offshore oil spill.
- CONOPS Stakeholders Workshop held in June/July 2021 with stakeholders and OSROs/equipment providers.

Gulf of Mexico Concept of Operations

- Strategies are geographically and functionally layered in a temporal sequence.
- CONOPS creates divisions and zones set up based on the availability of resources, site-specific circumstances, and the changing properties and location of the oil.
- CONOPS is centered on the response activities that would be taken for a ***subsea well blowout*** occurring in ***deep waters offshore*** on the OCS but recognizes that there are differences in the response to alternate spill scenarios.

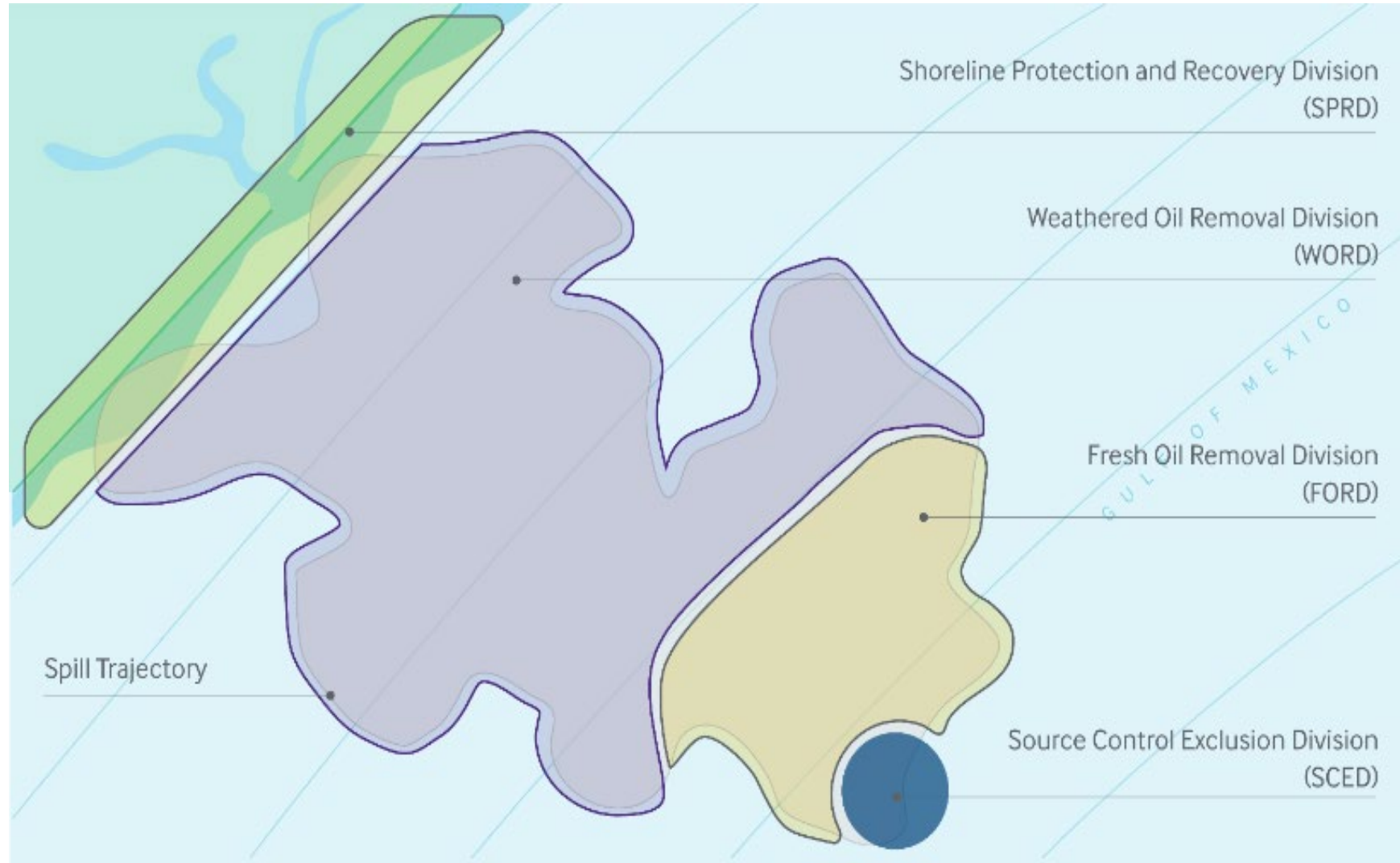
Gulf of Mexico Concept of Operations (cont.)

- CONOPS does not prioritize response strategies.
- During an incident, the geographic laydown and prioritization of countermeasures should be continuously reassessed and adjusted based on incident specific conditions as they develop.
- It is critical to understand how one strategy will impact others.
 - Dispersant application ~ Mechanical Recovery
 - ISB ~ Air quality for responders, visibility for dispersant and surveillance aircraft.

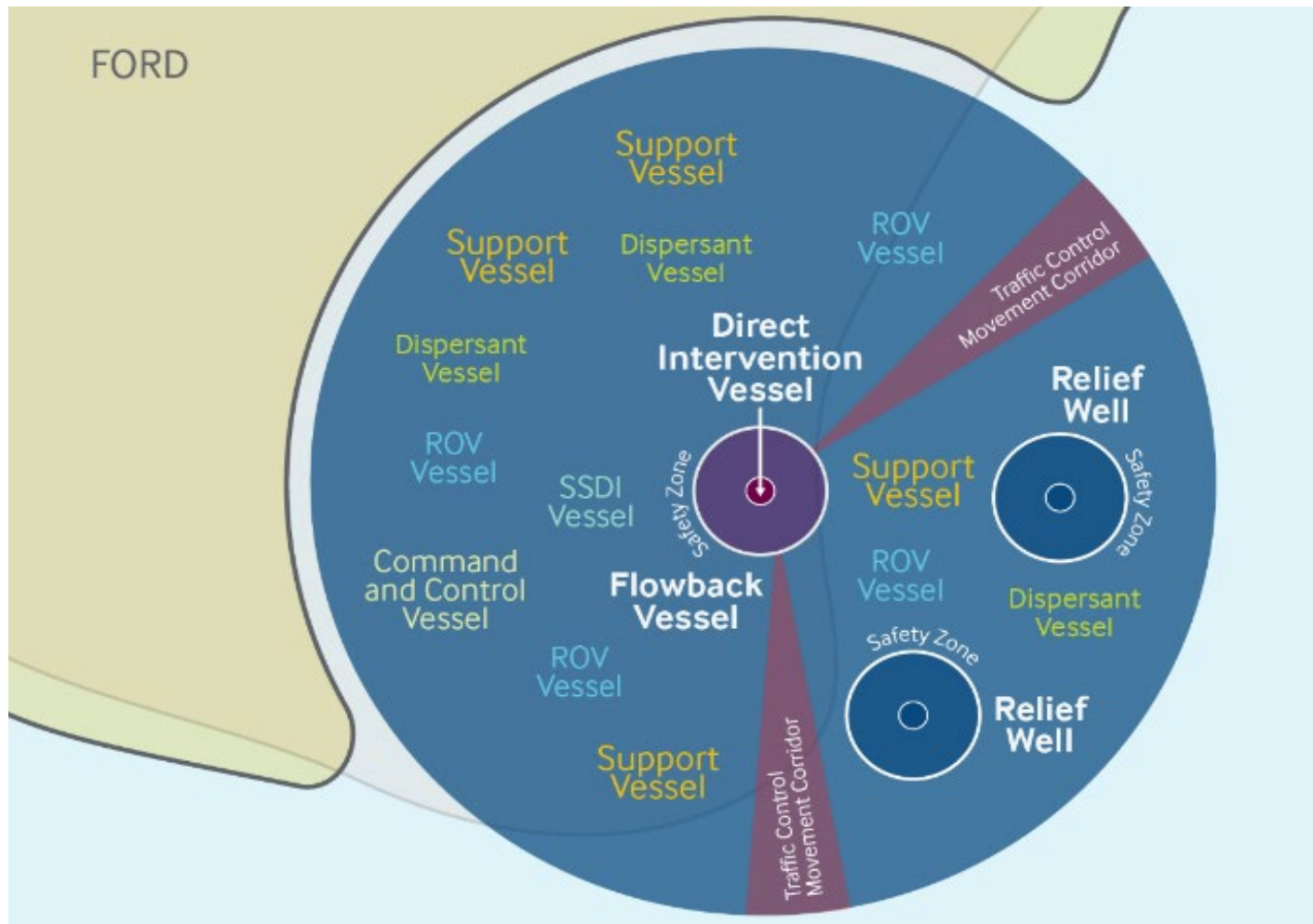
Gulf of Mexico Temporal Phases

Response Phase	Inflection Point
Assessment	Arrival of surveillance and monitoring capabilities
Initial Response	Arrival of first mitigation resources (dispersant aircraft, fast recovery vessels) and initial on-site Command and Control capabilities
Primary Removal Operations – Mechanical Recovery, Subsea Dispersant Injection (SSDI), and In-Situ Burning (ISB)	Arrival of high-volume mechanical recovery, SSDI, and ISB assets
Expanded Source Control Operations	Arrival of assets for implementing temporary source control solutions
Post Discharge Removal Operations	Successful installation of temporary source control measures

Gulf of Mexico CONOPS Geographical Divisions



Gulf of Mexico Source Control Exclusion Division (SCED)



- Monitoring of VOCs and LELs
- SSDI and Aerial Dispersant Application
- Will expand as more source control equipment arrives on scene
- Will limit access to thickest oil

Gulf of Mexico Fresh Oil Removal Division (FORD)



- Least weathered oil, thickest concentrations.
- Operations focused on High Volume Oil Removal Assets.
- Task forces established including temporary storage assets.
- Surveillance of oil is critical for defining zones.

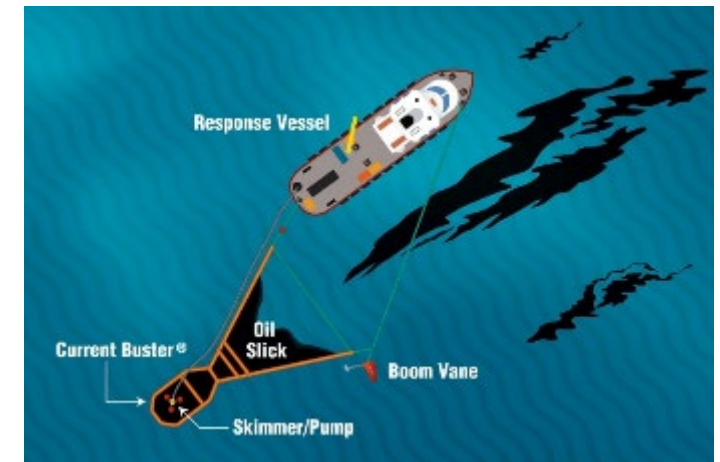
Gulf of Mexico Weathered Oil Removal Division (WORD)



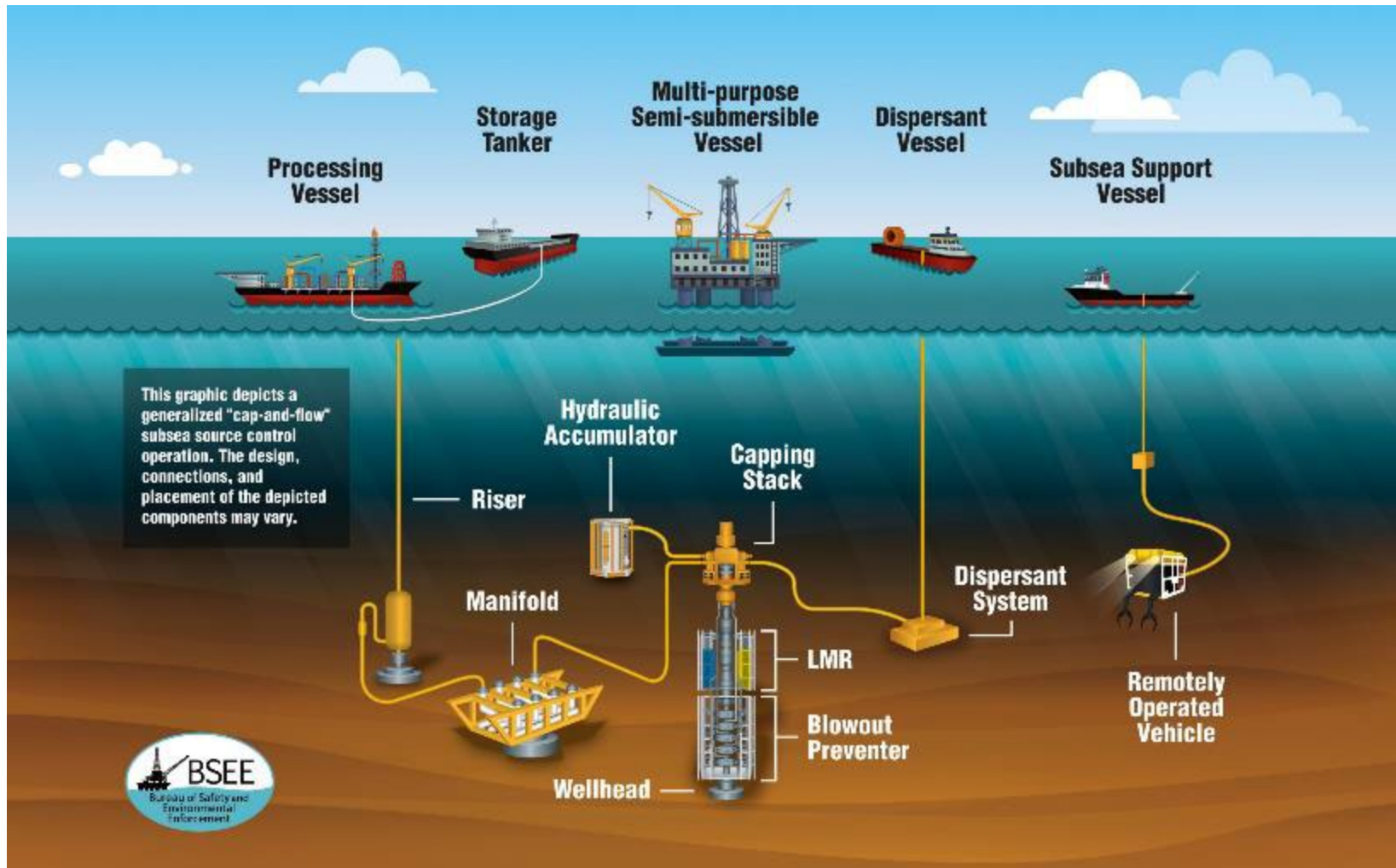
- Typically, larger area than FORD.
- Weathered, more viscous oil in thinner, more scattered distribution.
- Operational strategy & equipment used will differ from FORD.
- May be opportunity for surface dispersants/ISB.
- Nearshore draft limitations

Gulf of Mexico Response Strategies & BMPs

- Describes main categories of response strategies:
 - Source Control
 - Mechanical Recovery
 - Dispersants (Subsea, Aerial, and Surface Application)
 - Surface Collection Agents
 - In-situ Burning
 - Environmental Monitoring
 - Remote Sensing for Oil Spill Monitoring
- Combined BMPs by Response Strategies

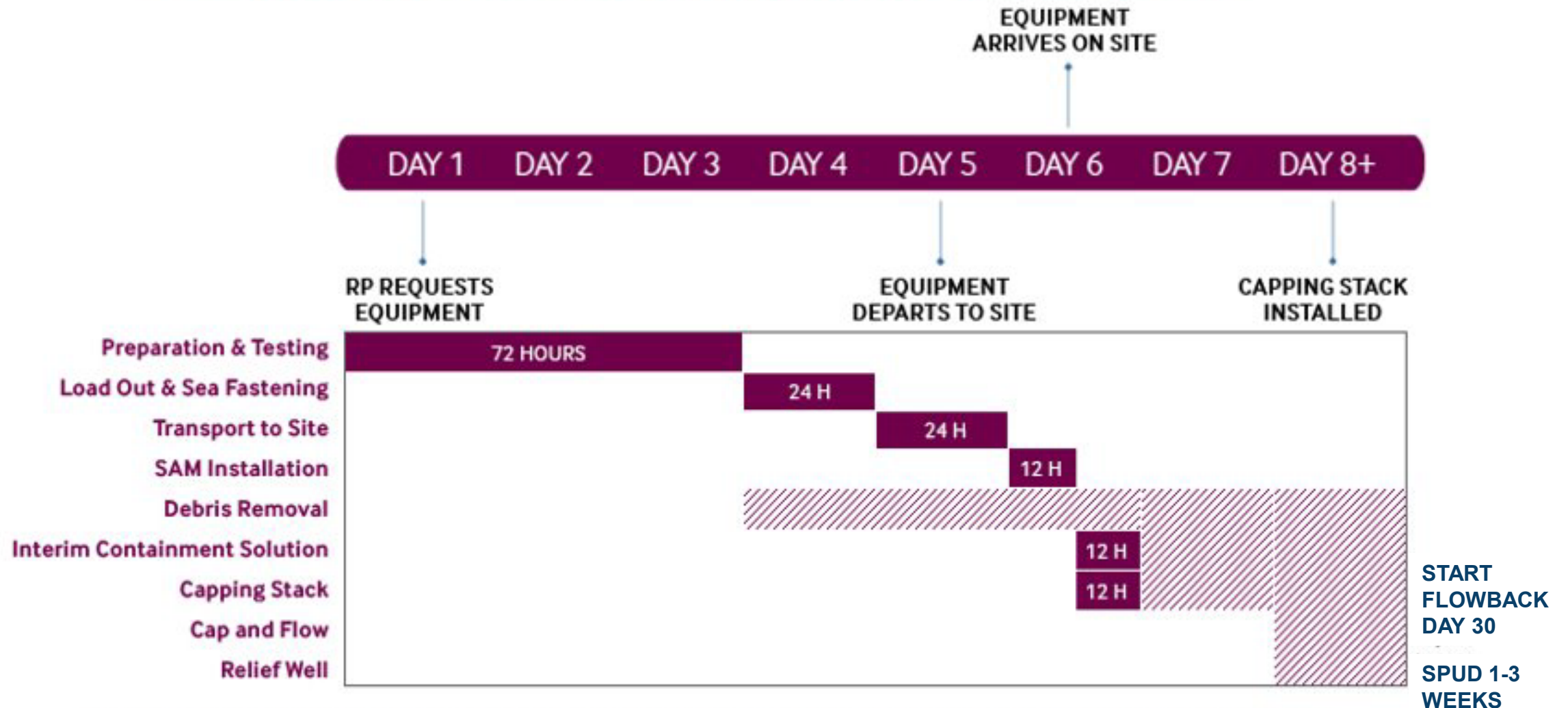


Gulf of Mexico Response Strategies & BMPs

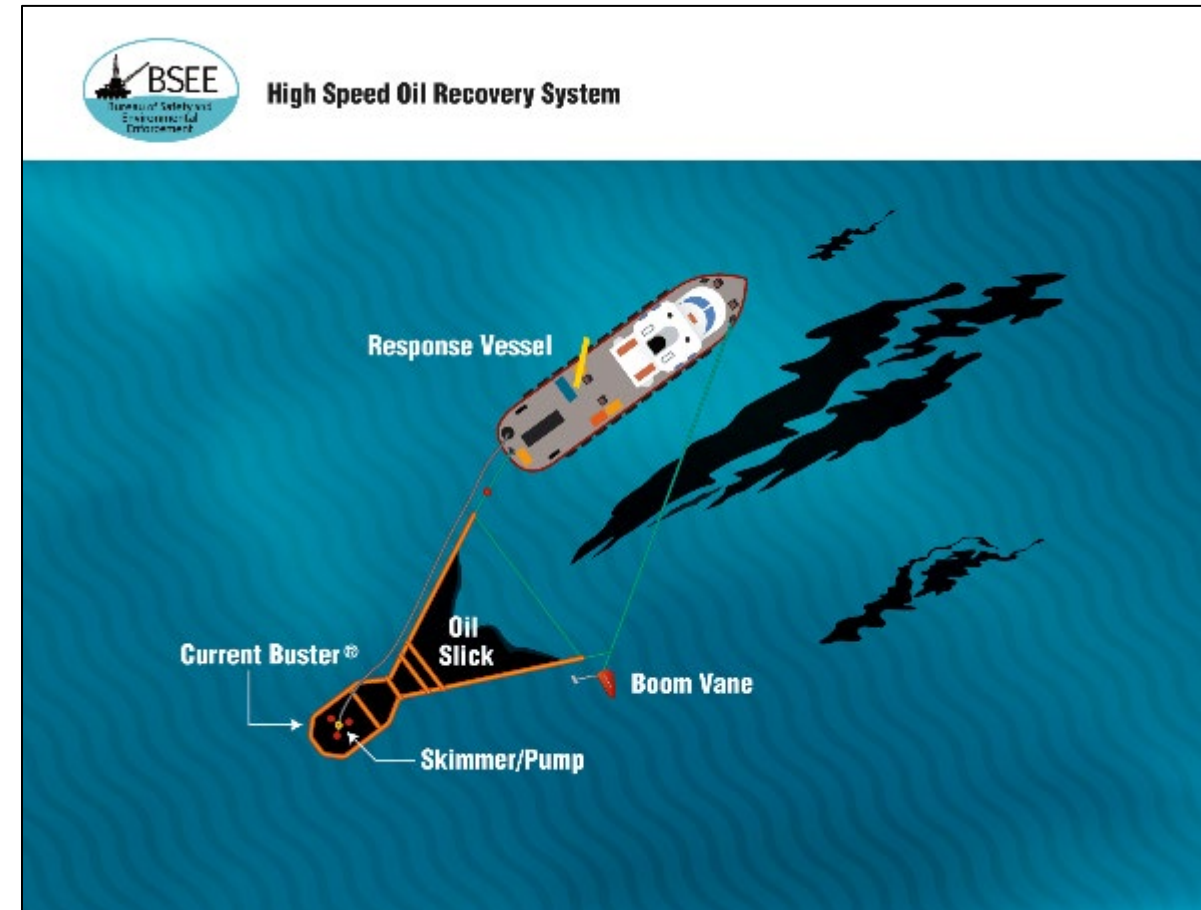
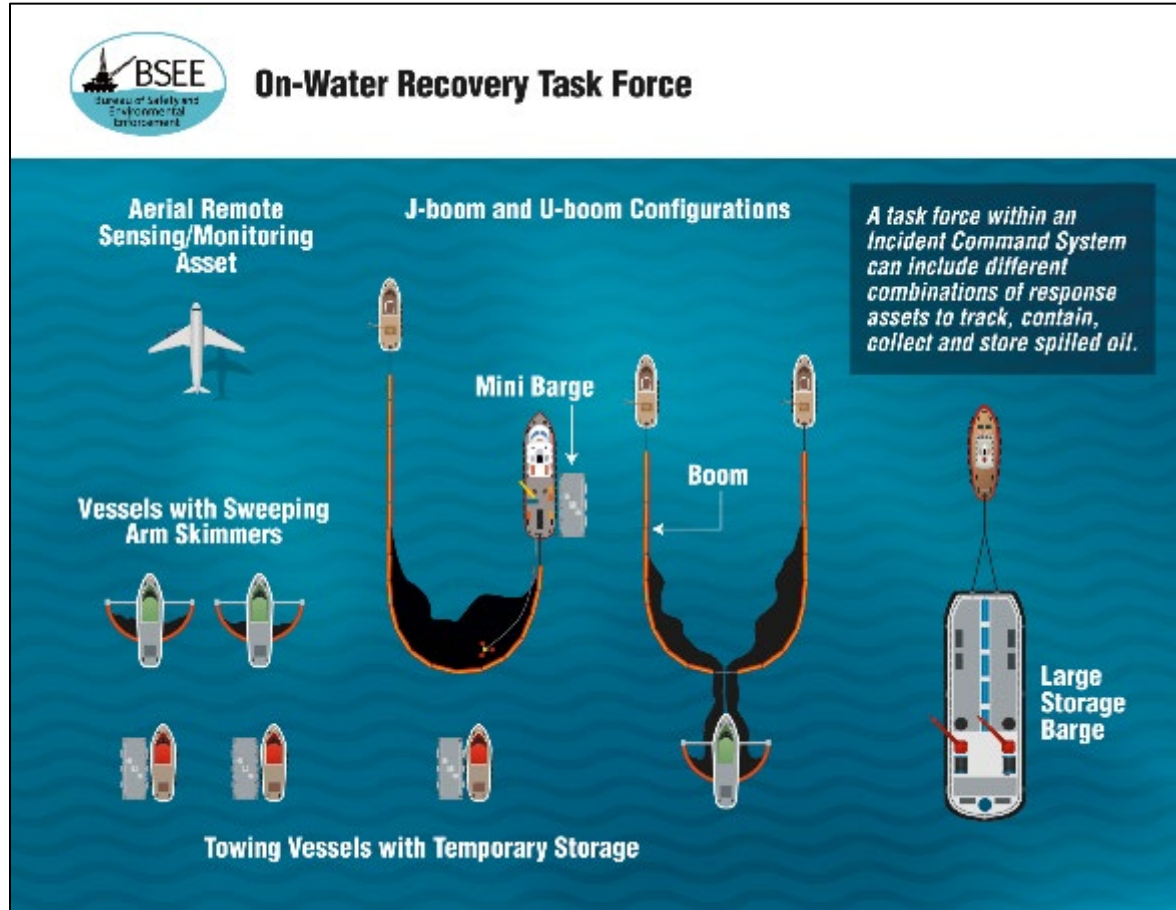


Gulf of Mexico Response Strategies & BMPs

SOURCE CONTROL ACTIVITIES AND MILESTONES



Gulf of Mexico Response Strategies & BMPs



Gulf of Mexico Spatial and Temporal RAR Profile

- Developing Offshore Environmental Sensitivity Index (ESI) for Gulf of Mexico.
- Based largely on BOEM Gulf of Mexico Marine Assessment Program for Protected Species (GoMMAPPS) data.
- Spatial and Temporal Data will be available in NOAA's ERMA.
- Due to delay in BOEM Gulf of Mexico Marine Assessment Program for Protected Species (GoMMAPPS) data, task will not be complete until March 2023.

Gulf of Mexico

ACP Content, Ecological Resources at Risk

Spatial and temporal profiles for the abundance and distribution of sensitive offshore resources focus on:

1. Critical habitat for threatened or endangered species
2. Concentration areas or mapped habitats for marine birds, marine mammals, and sea turtles
3. Fish spawning areas
4. Essential Fish Habitat
5. Sensitive Benthic Habitats

Gulf of Mexico Developed Content

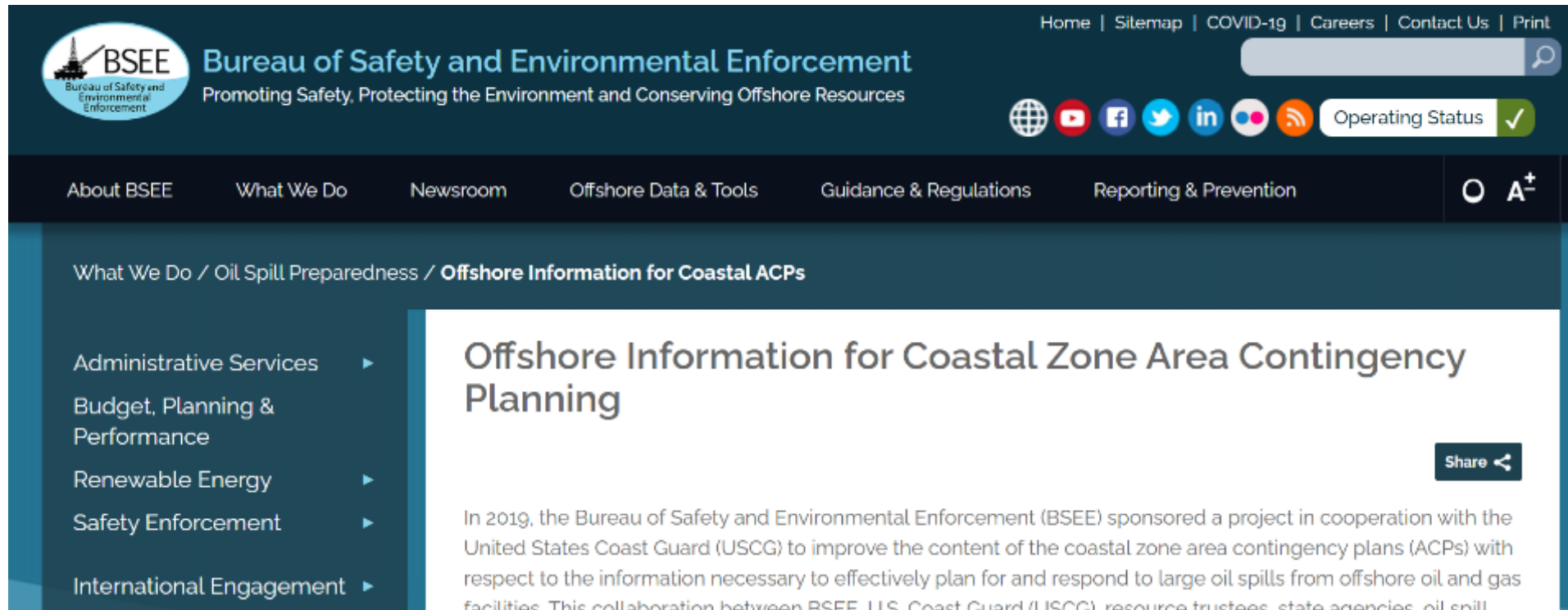
All content presented as Technical Documents on BSEE OSPD website:

- TD1: Offshore Oil and Gas Infrastructure
- TD2: Offshore WCD Scenarios
- TD3: Offshore Response Concept of Operations (CONOPS)
- TD4: Offshore Response Strategies and Best Management Practices (BMPs)
- TD5: Offshore Sensitive Species Profiles (TBD)

Final Technical Documents are available on BSEE's Website:

What We Do > Oil Spill Preparedness > Offshore Information for Coastal Zone Area Contingency Planning

<https://www.bsee.gov/what-we-do/oil-spill-preparedness/offshore-information-for-coastal-zone-area-contingency-planning>



The screenshot displays the BSEE website interface. At the top, the BSEE logo is on the left, followed by the text 'Bureau of Safety and Environmental Enforcement' and 'Promoting Safety, Protecting the Environment and Conserving Offshore Resources'. To the right are navigation links: Home, Sitemap, COVID-19, Careers, Contact Us, and Print. Below these are social media icons and an 'Operating Status' indicator with a green checkmark. A dark navigation bar contains links for 'About BSEE', 'What We Do', 'Newsroom', 'Offshore Data & Tools', 'Guidance & Regulations', and 'Reporting & Prevention'. The main content area has a breadcrumb trail: 'What We Do / Oil Spill Preparedness / Offshore Information for Coastal ACPs'. On the left is a sidebar menu with 'Administrative Services', 'Budget, Planning & Performance', 'Renewable Energy', 'Safety Enforcement', and 'International Engagement', each with a right-pointing arrow. The main heading is 'Offshore Information for Coastal Zone Area Contingency Planning'. Below the heading is a 'Share' button with a left-pointing arrow. The introductory text reads: 'In 2019, the Bureau of Safety and Environmental Enforcement (BSEE) sponsored a project in cooperation with the United States Coast Guard (USCG) to improve the content of the coastal zone area contingency plans (ACPs) with respect to the information necessary to effectively plan for and respond to large oil spills from offshore oil and gas facilities. This collaboration between BSEE, U.S. Coast Guard (USCG), resource trustees, state agencies, oil spill



Any Questions?

“To promote safety, protect the environment and conserve resources offshore through vigorous regulatory oversight and enforcement.”



BSEE Website: www.bsee.gov



@BSEEdgov



BSEEdgov



**Bureau of Safety and
Environmental Enforcement**



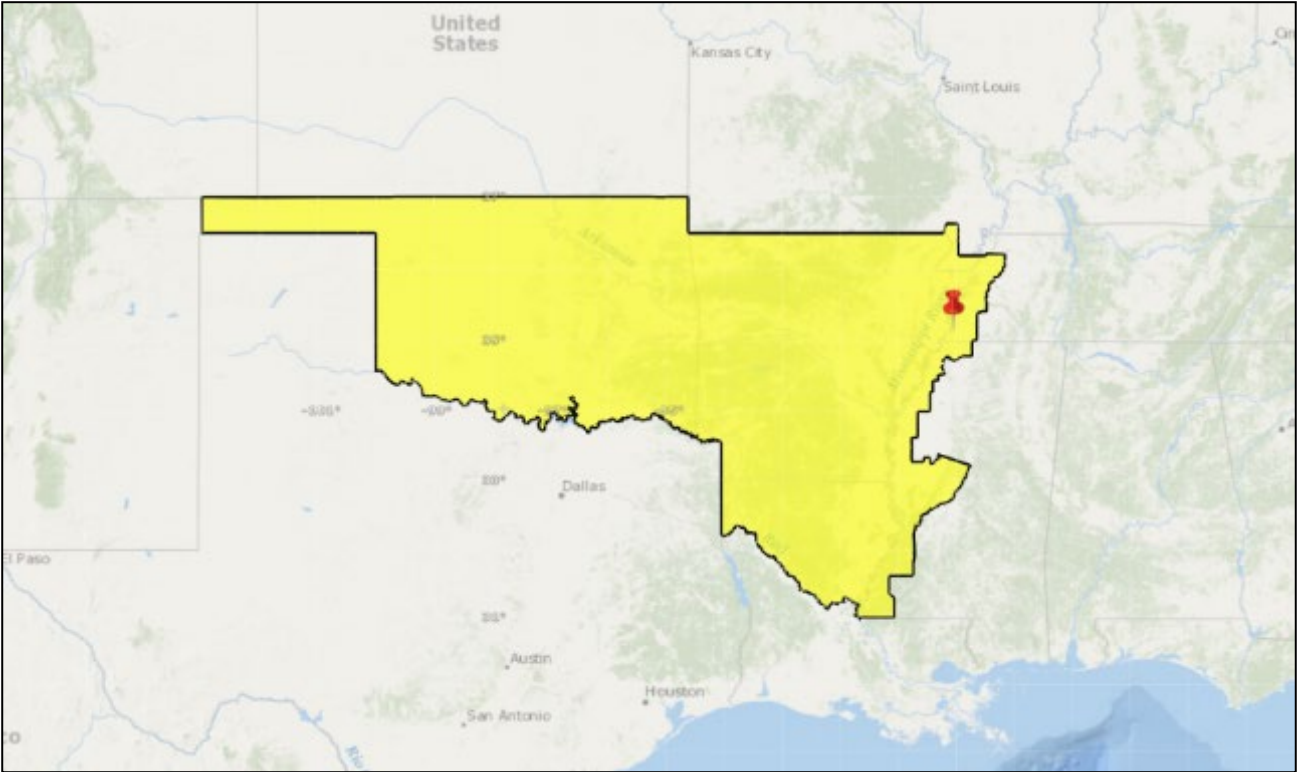
BSEEdgov





Sector Lower Mississippi River

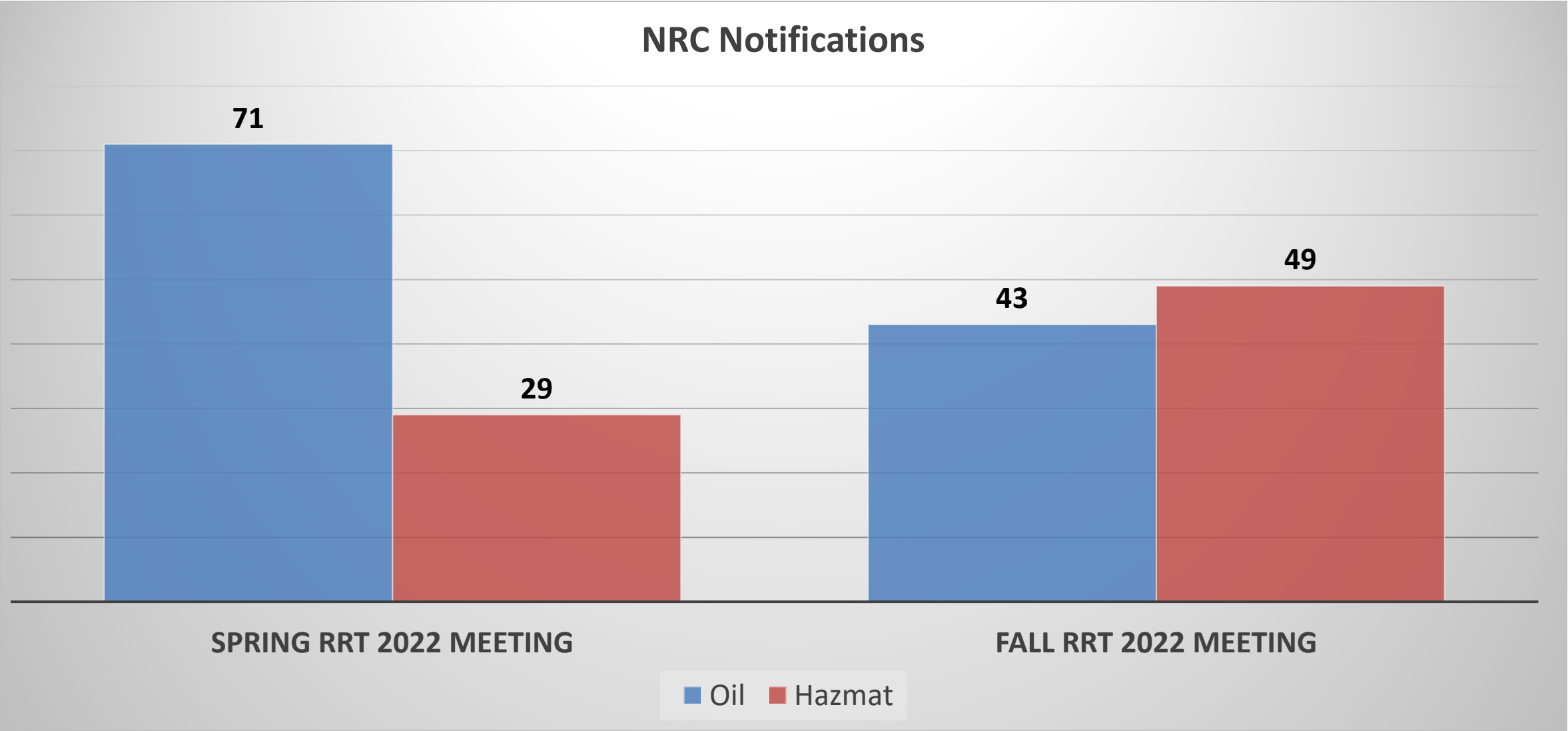
Captain Ryan Rhodes
Sector Commander



NRC Notifications	RRT Activations	Federal Projects	CERCLA Projects
90	0	0	0



NRC Notifications





Consultations

Unit	Incident Name	Start Date	Stop Date	With	Phase	For	Response Actions	Species (Common Name)	Type	Federal Listing Status	Critical Habitat	General Cost	Land Cost	Total Cost
None														



Accomplishments

Since last RRT meeting

Training		Exercises / Workshops		Federal, state, and local planning and coordination efforts	
Description	Dates	Description	Dates	Description	Dates
Oil Sample Shipper	21 Sep 2022	GIUE – MSD Vicksburg	09 Jun 22	LEPC Meetings	Monthly
Oil Spill Response Training	16-19 May 22	GIUE – SEC LMR	31 Aug 22	Clean Waterways Conference	5-7 Apr 22
FOSCR College	12-16 Sep 2022			Great Rivers Subarea Committee Meeting	17 Aug 22
Radiation Level 2	5-9 Sep 2022			RRT-7 Meeting	21-22 Sep 22
				SLMR Low Water Event	Ongoing



Outlook

Until Next RRT meeting

Training		Exercises / Workshops		Federal, state, and local planning and coordination efforts	
Description	Dates	Description	Dates	Description	Dates
CBRNE Training	OCT/NOV	GIUE-SEC LMR	TBD	Clean Gulf Conference	8-10 Nov 2022
AOR Training	NOV			RRT-4 Meeting	TBD
Shoreline Cleanup and Assessment Technique Training	DEC			Joint RRT-5/7 Meeting	5-6 Apr 2023
				LEPC Meetings	Monthly
				SLMR Low Water Event	Ongoing



MSU Port Arthur

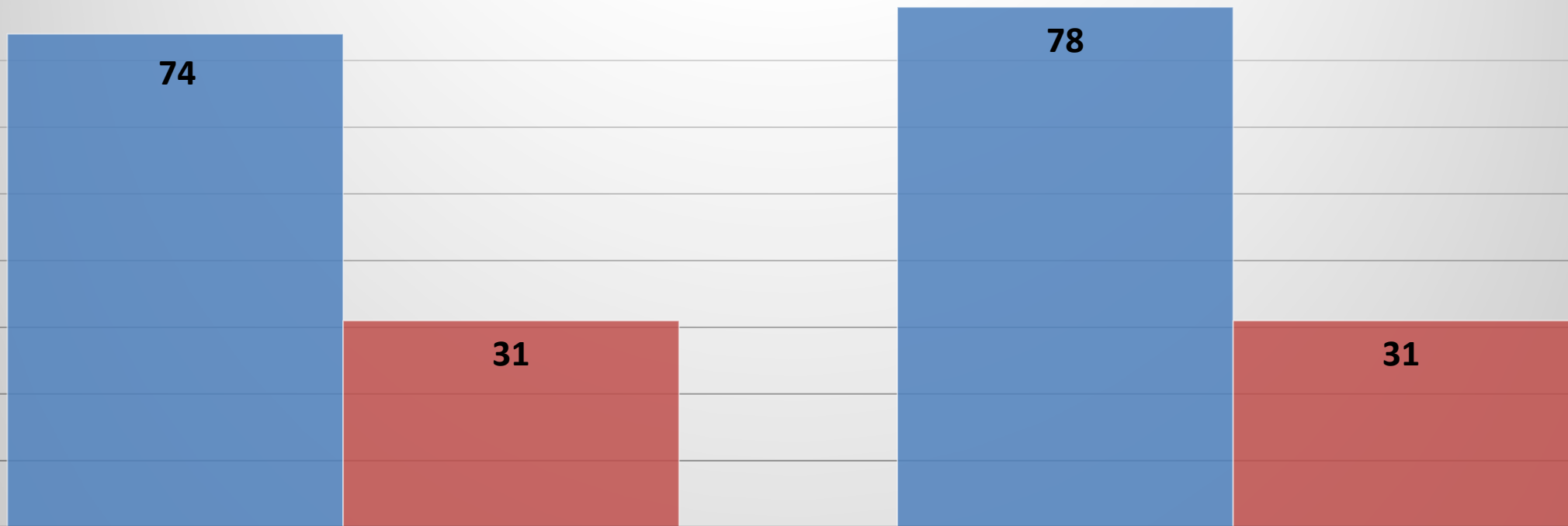
Captain Molly Wike
Commanding Officer



NRC Notifications	RRT Activations	Federal Projects	CERCLA Projects
109	0 Surface Washing Agents 1 In-situ Burns 0 Dispersants	4	3



NRC Notifications



SPRING RRT 2022 MEETING

FALL RRT 2022 MEETING

Oil Hazmat



RRT Activation / Notification

Date:	27APR22 - 27MAY22	Activation		Notification	
Incident Name:	MINOR Coastal Spill- MSS3 PARAGON-Block 37				
Location:	Offshore MSU LC- Block 37- 8NM Offshore				
Responsible Party:	Alabama Shipyard LLC				
Type and amount of product spilled:	Original sheen approx. 1000yds x 50yds wide. Total recovered and disposed: 2,950 gals of oil & 620 gals of waste products.				
Issue / Concern:	Initial rig owner was not identified and case federalized. ES&H and Forefront were contracted. Access to the rig from the surface wasn't feasible; used drone, small boat, and Aux flight. A lift boat and dive team were contracted. During initial inspection, rig schematics located a diesel tank located at the bottom of the structural leg suspected to be the source of the leak. Gulf Strike Team was contracted for support.				
Agencies Involved:	ES&H, Forefront, USCG Gulf Strike Team, BSEE				
Decisions Made:	Opened Federal Project, ceiling went up to \$800K. ES&H was able to establish pumping operations to dewater the leg and get access to the tank. Owner located and took over clean up, exhausted all reasonable means to remove any potential remaining diesel from all piping, legs, and tanks; substantial threat eliminated. Currently pursuing dead ship tow authorization to move to scrapyard.				





RRT Activation / Notification



Date:	9MAY22 – 13MAY22	Activation	X	Notification	
Incident Name:	BLACK LAKE IN-SITU BURN				
Location:	BLACK LAKE, LA				
Responsible Party:	TEXAS PETROLEUM INVESTMENT CO. (TPIC)				
Type and amount of product spilled:	40 bbls CRUDE				
Issue / Concern:	MSU Lake Charles received an NRC report for a discharge of 40 barrels of crude oil from a 3" steel flow line into a marsh peninsula in Hackberry, Louisiana. TPIC secured source. Due to marsh area, clean up via standard methods wasn't viable and would cause too much damage to environment.				
Agencies Involved:	TPIC, Forefront, OMI, NOAA, USFWS, LOSCO, LDEQ				
Decisions Made:	Test burn conducted; team agreed in-situ burning (ISB) technique was the best option to remove the remaining product from the marsh. Approximately 30 bbls of crude were burned within a 0.84 acre area. In total, 213 bags of sorbent material was collected and disposed of.				





Consultations

Unit	Incident Name	Start Date	Stop Date	With	Phase	For	Response Actions	Species (Common Name)	Type	Federal Listing Status	Critical Habitat	General Cost	Land Cost	Total Cost
MSU Port Arthur	High Island Wellhead	11APR22	11AUG22	USFWS / NOAA	Completed	Emergency Consultation & Essential Fish Habitat	Booming/ removal & disposal / Tilling	West Indian manatee, eastern black rail, piping plover, red knot, green/ hawksbill/ kemps ridley, leatherback, loggerhead sea turtles	ESA	Threatened/ Endangered	No	\$462	N/A	\$462



Hurricane Preparedness Hotwash

- Lessons learned from the past year's activities (e.g., funding, staffing):
- Improvements in preparedness in the past year (e.g., new reporting system, improved contacts with facilities of concern):
- Ongoing and/or new concerns (e.g., environmental justice, air monitoring, health and safety):
- Things that went well this year (e.g., coordination between agencies, outreach):
- Areas for improvement (e.g., communication between field units):
- Unique challenges (e.g., COVID, supply issues):



Accomplishments

Since last RRT meeting

5 May 2022

Training		Exercises / Workshops		Federal, state, and local planning and coordination efforts	
Description	Dates	Description	Dates	Description	Dates
NDOW / Response Manager	17 May	PAV	15 Jun	NDOW Quarterly Meeting	26 Jul - 27 Jul
IMSS	23 Jun	ACP PREP Tabletop Exercise	16 Aug	LA SACESG Call	03 Aug
DIV/Group Sup	01 – 02 Aug	NPFC Roadshow	22 Sep	State/Fed Pollution Response Meeting @ LOSCO	08 Sep
PIR School	08 Aug - 20 Aug				
FOSCR College – Corpus Christi	12 Sep – 16 Sep				
NOAA Science of Oil Spills	12 Sep – 16 Sep				



Outlook

Until Next RRT meeting
May 2023

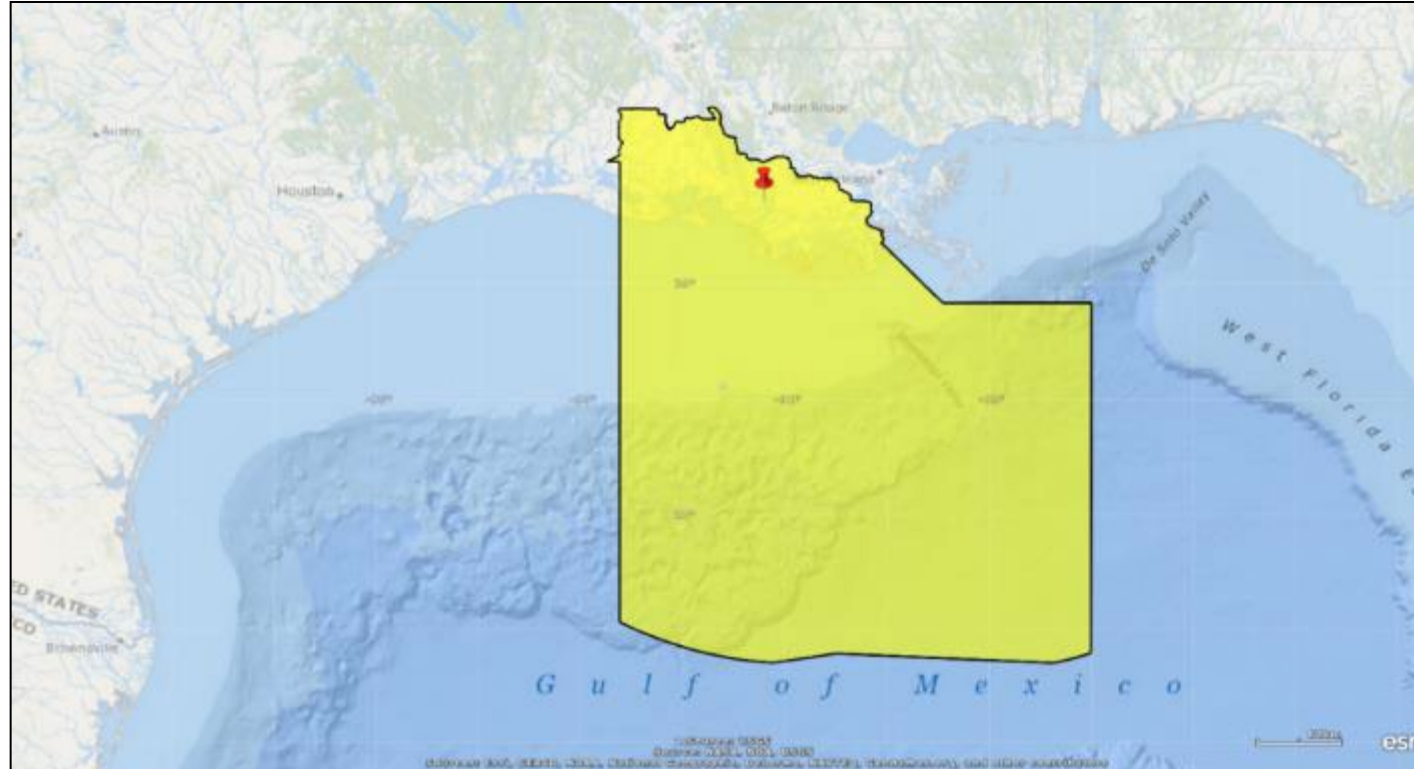
Training		Exercises / Workshops		Federal, state, and local planning and coordination efforts	
Description	Dates	Description	Dates	Description	Dates
DIV/ Group Sup	Jan 2023	Q1 GIUE (PA)	TBD	Clean Gulf Conference	8-10 Nov 2022
Oil Spill Control	Feb 2023	Q2 GIUE (LC)	TBD	LA SACESG Call	17 Nov 2022
FOSCR	TBD			LA SACESG Meeting	8 Feb 2023



MSU Houma

Captain Loan O'Brien

MSU Commanding Officer



NRC Notifications	RRT Activations	Federal Projects	CERCLA Projects
714	0	4	0

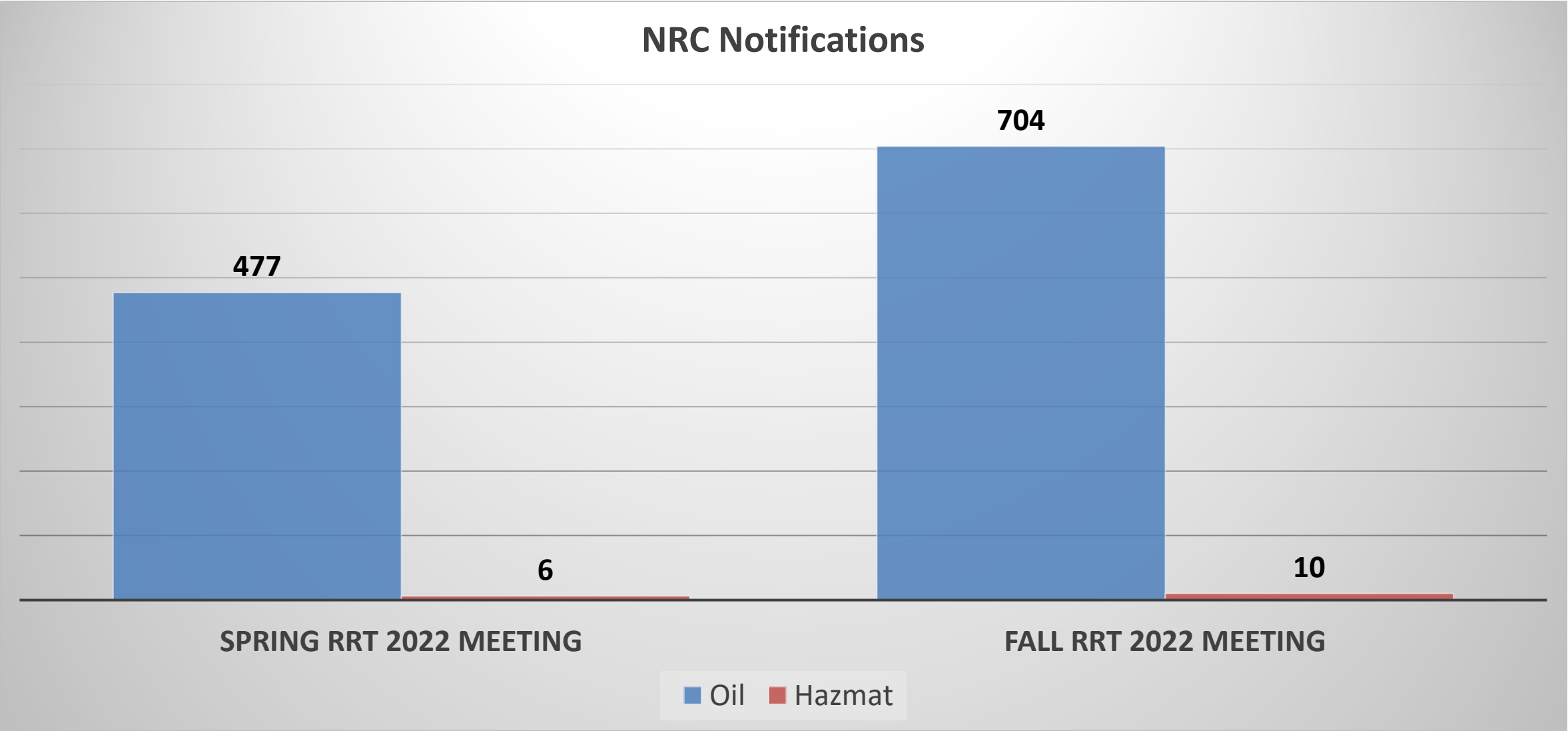


Executive Summary

Challenges-	
Lessons Learned-	Differing definitions and expectations of SCAT between agencies and RPs on minor/medium oil spills. <i>*Larger oil spills tend to have most ICS positions staffed and the formal process takes care of this*</i>
Best Practices-	As Unified Command, develop endpoints and SCAT expectations early in the response and document it (even if not implementing a full formal SCAT process).



NRC Notifications





NRC Notifications

655

36

13

FALL RRT 2022 MEETING

■ MSU Houma

■ MSU Morgan City

■ MSD Lafayette



RRT Activation / Notification

Date:	08/08/2022	Activation		Notification	
Incident Name:	Caillou Island Tank Battery #2				
Location:	Terrebonne Bay				
Responsible Party:	Hilcorp				
Type and amount of product spilled:	~14,000 gallons, crude oil				
Issue / Concern:	<ul style="list-style-type: none">• Opening night of shrimp season• Weather & sea state borderline for skimming & booming ops• Land no longer exists, impacting trajectory (less shoreline impact)				
Agencies Involved:	USCG, LOSCO, LDEQ, LDNR, LDH, LDWF, NOAA				
Decisions Made:	<ul style="list-style-type: none">• LOSCO worked with LDH for shrimp testing and media releases• Worked to maximize skimmer capability w/ draft limits• Successful hotwash with USCG & State Agencies - 08 Sep 2022				





Consultations

Unit	Incident Name	Start Date	Stop Date	With	Phase	For	Response Actions	Species (Common Name)	Type	Federal Listing Status	Critical Habitat	General Cost	Land Cost	Total Cost
MSU Houma	Caillou Island Tank Battery #2 Oil Spill	08Aug22	18Aug22	DOI/USFWS/ SHPO	Response	Emergency Consultation	Booming / Skimming	Giant Manta / Bottlenose dolphin	ESA	Threatened	No	\$1,276	0	\$1,276
MSU Houma	Hilcorp Basin St. Elaine Oil Spill	05Oct22	Pending	SHPO	Response	Emergency Consultation	Booming / Sorbents	N/A	Historic	Nothing at risk	No	\$336	0	\$336
MSU Morgan City	Soldier Facility Oil Spill	28Aug22	05Sep22	SHPO	Response	Emergency Consultation	Booming / Skimming	N/A	Historic	Nothing at risk	No	\$200	0	\$200
MSU Morgan City	Tour Du Teche Kayak Race	07Oct22	09Oct22	SHPO	Planning	Event Planning Consultation	N/A	N/A	Historic	Nothing at risk	No	\$200	0	\$200



Hurricane Preparedness

Hotwash



- Lessons learned from the past year's activities: Importance of coordination with federal, state, and local agencies along with response contractors prior to landfall.
- Improvements in preparedness in the past year: Increased working relationships through site visits / exercises with port partners and stakeholders.
- Ongoing and/or new concerns: Lack of bench depth for ICS and response qualified personnel.
- Things that went well this year: Coordination between agencies and partners. Continued improvement in local plans and processes.
- Areas for improvement: Ability to leverage technology for remote ICPs/support. Increasing the number of qualified ICS response personnel.
- Unique challenges (e.g., COVID, supply issues): Lack of offshore oil support services, dive companies, well intervention crews, etc... are all in short supply.



Accomplishments

Since last RRT meeting

Training		Exercises / Workshops		Federal, state, and local planning and coordination efforts	
Description	Dates	Description	Dates	Description	Dates
HAZWOPER First Responder Operations	07 Sep 22 (MSD L) 13 Oct 22 (MSU H)	Chevron JCERT	09-13 May 22	Louisiana State-Federal Pollution Response Meeting	08 Sep 22
Oil Spill Response Training	25-29 Jul 22			South-central Louisiana Area Committee Meeting	28 Sep 22 (MSU H)
				Greater Lafourche Port Commission Site Visit	04 Oct 22 (MSU H)



Outlook

Until Next RRT meeting

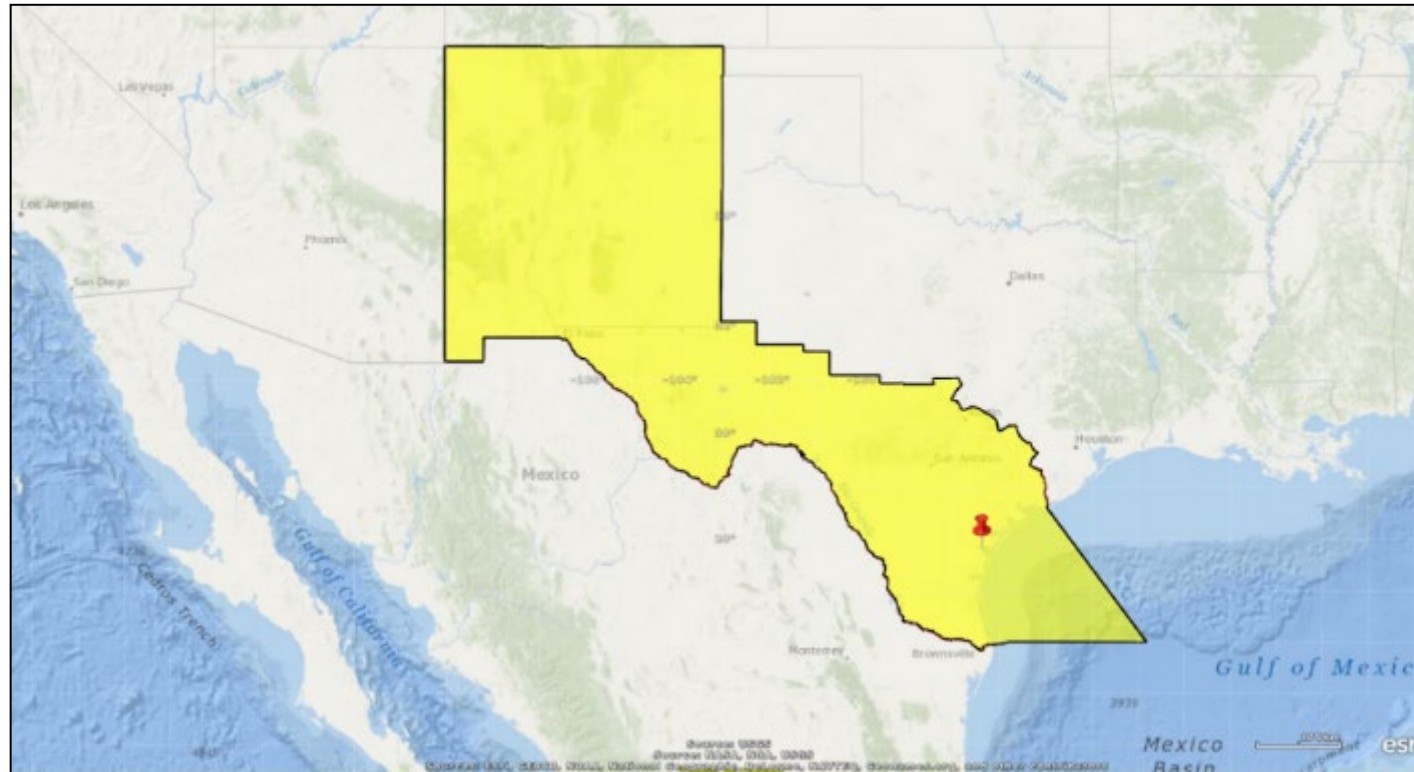
Training		Exercises / Workshops		Federal, state, and local planning and coordination efforts	
Description	Dates	Description	Dates	Description	Dates
HAZWOPER First Responder Operations	TBD	Shell Exercise	27 Oct 22 (MSU H)	Clean Gulf Conference	8-10 Nov 22
				South-central Louisiana Area Committee Meeting	Sep 23 (specifics TBD)



Sector Corpus Christi

Captain Jason Gunning

Sector Commander



NRC Notifications	RRT Activations	Federal Projects	CERCLA Projects
243	0	1	0



Executive Summary

Challenges-

Keeping qualified members due to separations from COVID-19 vaccination status and internal rotations to satisfy core competency requirements to allow for professional development for junior members.

Lessons Learned-

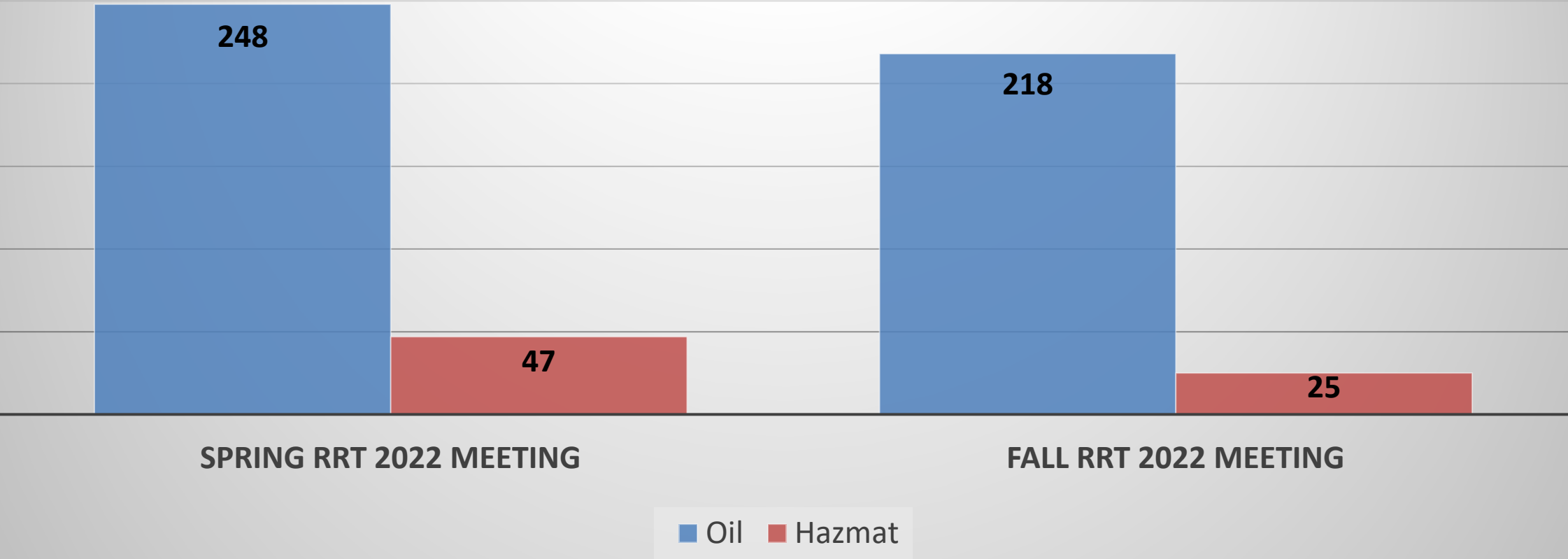
IMD must create an environment of perpetual learning in an expedited manner for every aspect of emergency response.

Best Practices-

Maintain robust training program for PR and FOSCR. Have members continually pursue quals (FOSCR & ICS) to effectively utilize time in IMD. Established MSSR billet at unit for additional expertise.



NRC Notifications





Consultations

Unit	Incident Name	Start Date	Stop Date	With	Phase	For	Response Actions	Species (Common Name)	Type	Federal Listing Status	Critical Habitat	General Cost	Land Cost	Total Cost
None														



Hurricane Preparedness

Hotwash



- Throughout the year IMD patrols Sector Corpus Christi AOR to identify potential areas of concern.
- Updated and maintained equipment in the Sector Corpus Christi hurricane preparedness kits.
- Sector Corpus Christi actively interacts with State and Federal Agencies exercising response activities under NDOW.
- Continuing education with Response Manager for all members of IMD.
- Lack of qualified FOSCR at MSD Brownsville essentially extends Sector Corpus Christi IMD response area.



Accomplishments

Since last RRT meeting

Training		Exercises / Workshops		Federal, state, and local planning and coordination efforts	
Description	Dates	Description	Dates	Description	Dates
MSRC SOUTHERN RESPONDER	Monthly	Corpus Christi GIUE	27 Jul	STCZ AC Victoria	20 Jul
HAZWOPER FRA + FRO	Post Transfer Season	Brownsville GIUE	31 Aug	NDOW Quarterly Meeting Corpus Christi	26-27 Jul
NDOW Annual Training	14 Jun	CITGO Full-Scale Ex	18-21 Oct	Central Texas Coastal Area Committee	01 Sep
NDOW/TGLO Toolkit Training	25 Aug	Port of Corpus Christi HazMat Ex	12 Oct	Texas Statewide Area Committee	01 Nov
FOSCR College	12-16 Sep				



Outlook

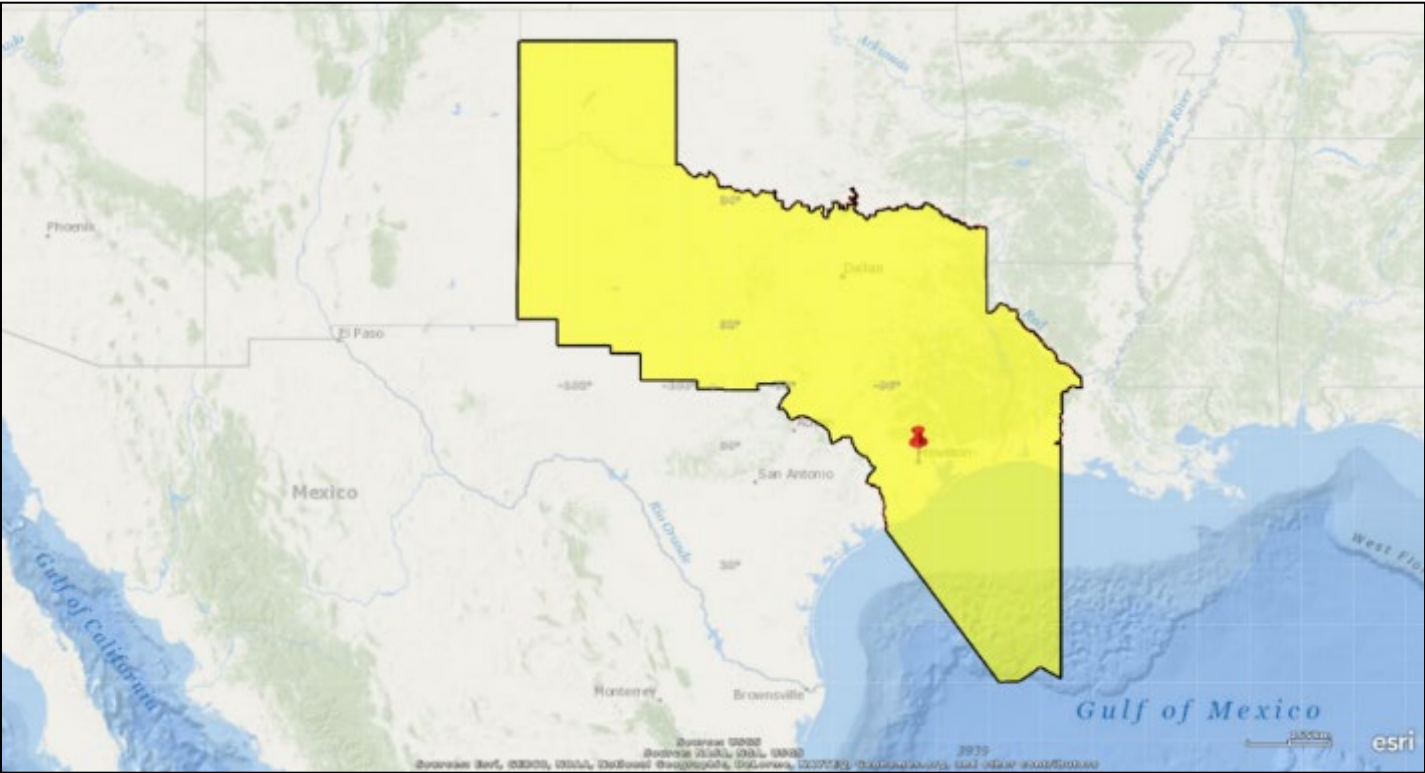
Until Next RRT meeting

Training		Exercises / Workshops		Federal, state, and local planning and coordination efforts	
Description	Dates	Description	Dates	Description	Dates
				Clean Gulf Conference	8-10 Nov 2022
				STCZ AC Brownsville	16 Nov
				Central Texas Coastal Area Committee	2 Feb
				STCZ AC Corpus Christi	15 Mar
				Texas Statewide Area Committee	Prior to next RRT6



Sector Houston-Galveston

Captain Jason Smith
Sector Commander



NRC Notifications	RRT Activations	OSLTF Projects	CERCLA Projects
204	0	6	3



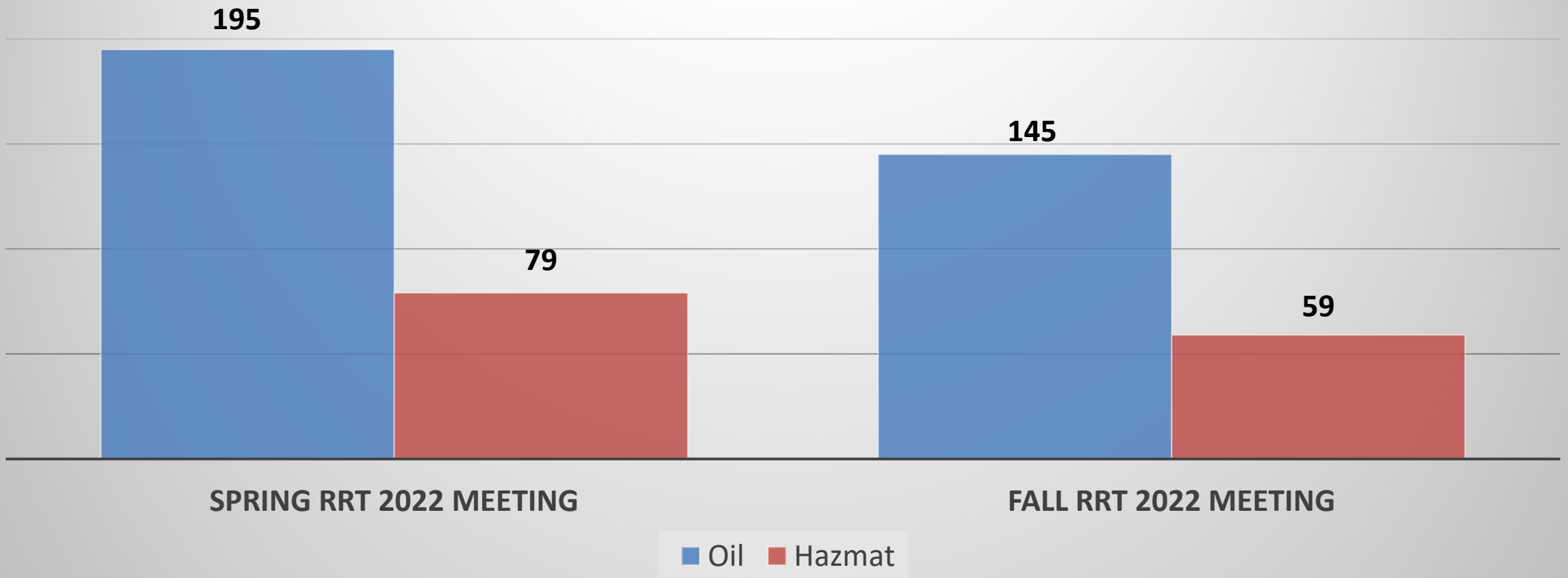
Executive Summary

Challenges-	<ul style="list-style-type: none">• LPG/LNG Response Actions Clarification• The new ESA 7 consultation process is complicated
Lessons Learned-	
Best Practices-	<ul style="list-style-type: none">• Engage NOAA SSC/D8 DRAT early in consultation process

Optional



NRC Notifications





Significant Case

Date:	30 APR 2022	Activation		Notification	
Incident Name:	Goose Creek Discharge				
Location:	Goose Creek, Baytown, TX				
Responsible Party:	N/A				
Type and amount of product spilled:	Light Crude Oil				
Issue / Concern:	On April 30 th , USCG received an NRC report for a sheen on Goose Creek, in Baytown, TX. TGLO and USCG responded and found the sheen to be originating from an unknown underwater source in the vicinity of a public boat ramp. Estimated discharge rate was 12 gallons per day.				
Agencies Involved:	USCG, TGLO, TX RRC				
Decisions Made:	USCG determined substantial threat, opened OSLTF with a ceiling of \$160K and hired T&T Marine Salvage Inc. to respond and conduct a survey to determine source. TX RRC later took over source discovery while USCG maintained response actions. Discharge naturally ceased on June 1 st . Total discharged amount was estimated as 430 gallons.				





Significant Case

Date:	28 May 2022	Activation		Notification	
Incident Name:	Trinity Bay Wellhead Discharge				
Location:	Trinity Bay, TX				
Responsible Party:	Galveston Bay Operating (Derelict Wellhead)				
Type and amount of product spilled:	Crude Oil, 64 bbl.				
Issue / Concern:	On May 28th, 2022, USCG received an NRC report regarding a sheen in Trinity Bay. USCG and TGLO responded and determined the source to be a valve on a wellhead. Estimated discharge rate was 6 bbl per day. Due to RP bankruptcy, TX RRC led response actions.				
Agencies Involved:	USCG, TGLO, TX RRC				
Decisions Made:	USCG determined substantial threat and opened OSLTF with a \$50K ceiling to cover indirect costs. TX RRC hired Innovative Energy Services to conduct oil spill response and to repair the wellhead. Resources used included spud barge, 2 drum skimmers, and hard boom. New casing valve was installed on June 9 th and source secured.				

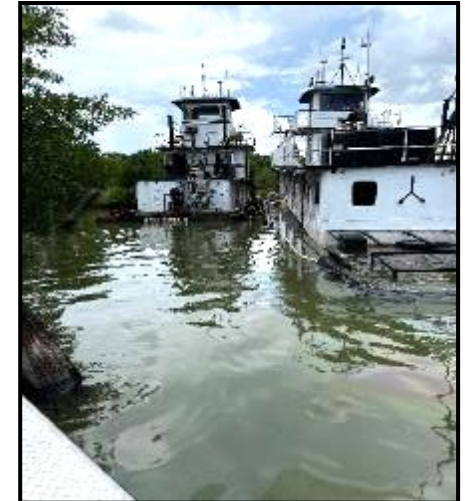




Significant Case



Date:	2 JUNE 2022	Activation		Notification	
Incident Name:	Cedar Bayou Spill				
Location:	Cedar Bayou, Baytown, TX				
Responsible Party:	Mr. Patrick Laxson (owner of the T/V PATRICK E and T/V MISS EDNA D)				
Type and amount of product spilled:	Waste oil, amount of oil-water mix recovered was 63K gallons.				
Issue / Concern:	On June 2 nd , USCG received an NRC report for a sheen south of SH-99 on Cedar Bayou. TGLO and USCG responded and determined the source to be two partially submerged tug vessels, the 81' PATRICK E. and the 56' MISS EDNA D. in a cut on private land within the inland zone. Both vessels had a significant amount of free-standing waste oil throughout the interior. Low media interest.				
Agencies Involved:	USCG, EPA, TGLO				
Decisions Made:	EPA transferred FOSC to USCG. USCG id'd RP; issued NOFI & Admin Order directing response actions. RP failed to take action & was issued NOFA. USCG opened 2 projects under OSLTF with combined ceiling of \$800K. T&T Marine Salvage LLC was hired & deployed crane barge, dive team, drum skimmer, sorbents, decanter & boom. In total 63K gallons of oily water was recovered.				





Significant Case



Date:	15 AUGUST 2022	Activation		Notification	
Incident Name:	Tabbs Bay Flowline Discharge				
Location:	Tabbs Bay, TX				
Responsible Party:	Gaither Petroleum, LLC				
Type and amount of product spilled:	Crude Oil, approximately 10 bbl				
Issue / Concern:	On August 22 nd , USCG received an NRC report of crude oil discharging from a flowline into Tabbs Bay. USCG and TGLO responded and found that the source was a damaged flowline approximately 4' from the water's edge. Gaither Petroleum, LLC had secured the source and contracted Innovative Energy Inc. Low media interest.				
Agencies Involved:	USCG, TGLO, City of Baytown, NOAA, USFWS, TPWD				
Decisions Made:	USCG issued NOFI to Gaither Petroleum & established a Unified Command. USCG accessed OSLTF w/ a \$50K ceiling. Oil impacted approximately 3000' of shoreline. Environmental impact and response action guidance sought from NOAA/USFWS/TPWD. Boom/sorbents deployed and natural flushing leveraged to clean shoreline. Boat ramp was cleaned using pressure washer on man-made structures & reopened to the public.				





Consultations

Unit	Incident Name	Start Date	Stop Date	With	Phase	For	Response Actions	Species (Common Name)	Type	Federal Listing Status	Critical Habitat	General Cost	Land Cost	Total Cost
SHG	Goose Creek Discharge	5MAY22	5MAY22	State Historic Preservation Office (SHPO)	Response	Emergency Consultation	Booming/Sorbent Materials	N/A	NHPA	N/A	No	60	0	60
SHG	Cedar Bayou Spill	2JUN22	7JUN22	DOC/NMFS	Response	Emergency Consultation/No Effect Determination	Booming/Sorbent Materials/Crane Barge/Skimming	Eastern Black Rail (T), Piping Plover (T), Red Knot (T), Whooping Crane (E), Loggerhead Sea Turtle (T),	ESA	Varied	No	350	0	350



Hurricane Preparedness

Hotwash

- Nothing to pass



Accomplishments

Since last RRT meeting

Training		Exercises / Workshops		Federal, state, and local planning and coordination efforts	
Description	Dates	Description	Dates	Description	Dates
ICS-345	16-20 MAY	BSEE GIUE Equinor	03 May	TACESG Meeting	03 May
NDOW Training	18 MAY	MEXUSGULF Seminar	18 May	LEPC Meeting	Various
Emergency Mgmt Specialist Course	MAY	Hess Oil Spill Ex.	18 Jul	RRT-6 Meeting	05 May
FEMA National Emergency Mgmt Basic Academy	MAY	ExxonMobil GOM BSEE	21 Jul	BSEE SROT Training at Marine Spill Response Corporation	13 Jul
Hazardous Material Incident Response	6-10 JUN	GIUE at Pelican Island Storage Terminal	28 Jul	Lonestar Harbor Safety Com. Meeting	12 Aug
Oil Spill Control School	25-29 JUL	BP WCD FE	5-6 Oct 22	Central Texas Coastal Area Committee Meeting	1 Sep
ICS-339 DIVS	27-28 JUN, 29-30 AUG, 26-27 SEP				
ICS-430 OSC	25-29 JUL				
Oil Spill Recovery Technician	25-29 JUL, 1-5 AUG				
Spill Response Course	25-29 JUL				
FOSCR College	12-16 SEP				
NPFC Road Show	21 SEP 22				
ICS-339	26-27 OCT 22				
FOSCR C-School	31 OCT -11 NOV				



Outlook

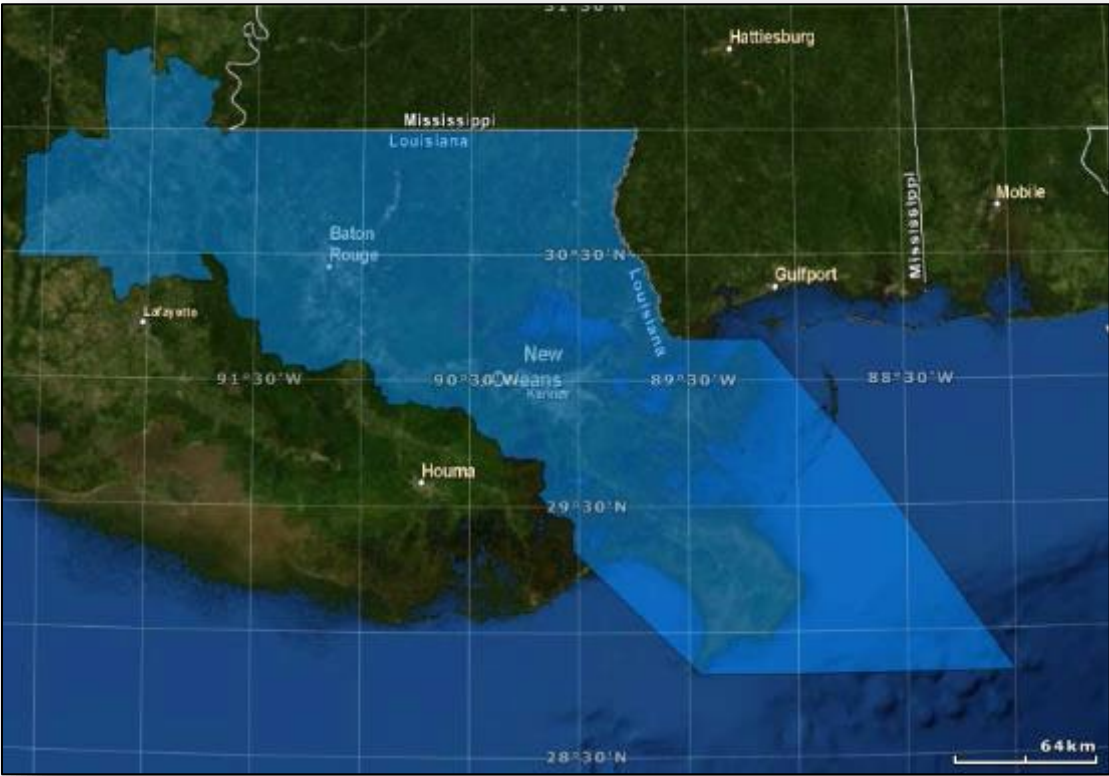
Until Next RRT meeting

Training		Exercises / Workshops		Federal, state, and local planning and coordination efforts	
Description	Dates	Description	Dates	Description	Dates
CG-IMAT Workshop	30 Nov – 2 Dec	BP WCD FE	5-6 Oct	Clean Gulf Conference	8-10 Nov 2022
		BHP IMT FE	03 Nov	LEPC Meeting	Various



Sector New Orleans

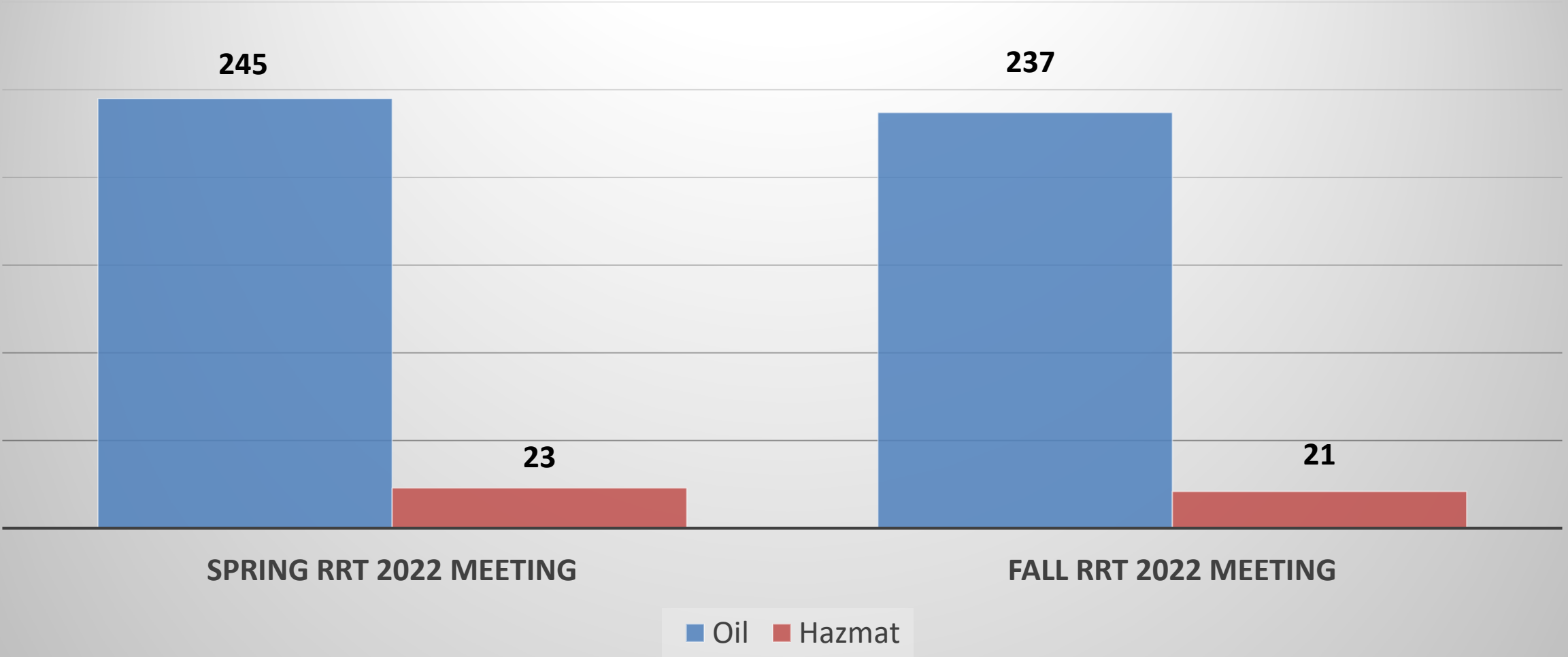
Captain Kelly Denning
Sector Commander



NRC Notifications	RRT Activations	Federal Projects	CERCLA Projects
258	0	4	0



NRC Notifications





M/V HAFNIA RHINE

Date	07/28/2022	Activation		Notification	
Incident Name:	M/V HAFNIA RHINE				
Location:	MM 115 – MM 117 Lower Mississippi River				
Responsible Party:	BW Fleet Mngt, Pte, Ltd				
Type and amount of product spilled:	4,536 gallons of Very Low Sulphur fuel Oil (VLSFO)				
Issue / Concern:	Discharge occurred while the vessel was nearing the end of a transfer of Very Low Sulphur Fuel Oil (VLSFO) from a tank barge. The oil discharged over the starboard side of the vessel and down the hull into the waterway. A significant amount of investigative effort was required to determine the discharge amount and cause of the discharge. Ultimately, the discharge was estimated to be approximately 108 bbls (4,536 gallons) based on final recovery amounts. A total of 65 barges were oiled. Barge deterioration allowed oil to be trapped within the hulls, further complicating the response effort. Additionally, this Group IV oil was heavily evaluated to ensure the oil was trapped and not submerged.				
Agencies Involved:	USCG, LDEQ, LOSCO, LDNR, LDWF, St. Charles Parish				
Decisions Made:	The RP led response operations; however, Sector New Orleans federalized this case to activate Gulf Strike Team to assist with contractor oversight and sight safety. For increased responder safety, a slow bell order was established to minimize wake from transiting vessels while barge decontamination occurred.				





Consultations

Unit	Incident Name	Start Date	Stop Date	With	Phase	Response Actions	Species (Common Name)	Type	Federal Listing Status	Critical Habitat	General Cost	Land Cost	Total Cost
Sector New Orleans	M/V HAFNIA RHINE	7/28/2022	9/22/2022	DOI/USFWS/SHPO	Response	Cutting/Booming	Pallid Sturgeon	ESA	Endangered	No	1000	0	1000



Hurricane Preparedness

Hotwash



- NOAA hosted a IWT (Integrated Warning Team) seminar
 - Asked for our input on messaging to the public
 - Weather products we require



Accomplishments

Since last RRT meeting

Training		Exercises / Workshops		Federal, state, and local planning and coordination efforts	
Description	Dates	Description	Dates	Description	Dates
Hazardous Material Incident Response	6-10 Jun	Chevron Exercise	9-13 May	Area Committee Mtg	25 May
NOAA SCAT / Oil Spill Response Course	25-29 Jul	ExxonMobil Pipeline GIUE	18 May	PREP TTX Rail	14 Jun
ICS 339 / DIVS	29 – 31 Aug , 26 – 28 Sep	Chalmette Refining GIUE	07 Jun	LA SACESG Meeting	3 Aug
Aerial Observation (NOAA)	19 Oct	LOOP/LOCAP Emergency Response Exercise	20 Oct		
Federal On-Scene Coordinator	31 Oct – 11 Nov				



Outlook

Until Next RRT meeting

Training		Exercises / Workshops		Federal, state, and local planning and coordination efforts	
Description	Dates	Description	Dates	Description	Dates
Federal On-Scene Coordinator	31 Oct– 12 Nov	Spring 2023 GIUE	TBD	Clean Gulf Conference	8-10 Nov
Oil Spill Control	27 Feb - 03 Mar			LA SACESG Meeting	17 Nov
Hazardous Materials Incident Response	13 - 17 Mar			AC Meeting	Tentative May 2023