



2022 Regional Response Team (RRT) 6 Spring Meeting Agenda

[Register Here](#)

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

Coordinators:
Bray Fisher, USEPA
Todd Peterson, USCG

To view presentations use the following link: [Adobe Connect](#)
For Audio use the following Call-in Number: (210) 469-3886
Passcode: 922 928 707#
Note: We will not be using the audio function in Adobe Connect.

Thursday, May 5, 2022

0800 – 0815	Welcome, Introduction, & Review of Minutes	Co-Chairs & Coordinators
0815 – 0900	Review RRT-6 Priority List	Michael Sams, USCG
0900 – 0915	EPA Air Monitoring Workgroup Update	Gary Moore, USEPA

0915 – 0925 | *10-minute break*

0925 – 0955	2021 Subsea Dispersant Injection (SSDI) Exercise Overview	Michael Sams, USCG
0955 – 1025	Advancing Source Control Technologies	Mike Hart, MWCC
1025 – 1105	RRT-6 Co-Chair Report Outs: <ul style="list-style-type: none"> ● U.S. Environmental Protection Agency (USEPA) ● U.S. Coast Guard (USCG) 	Craig Carroll, USEPA Michael Sams, USCG

1105 – 1135 | *Lunch*

1135 – 1305	State Agency Report Outs: <ol style="list-style-type: none"> 1. Arkansas: <ol style="list-style-type: none"> a. Arkansas Department of Energy and Environment (ADEE) b. Arkansas Division of Emergency Management (ADEM) 2. New Mexico: <ol style="list-style-type: none"> a. New Mexico Homeland Security and Emergency Management (NMHSEM) 3. Oklahoma: <ol style="list-style-type: none"> a. Oklahoma Department of Environmental Quality (ODEQ) 4. Texas: <ol style="list-style-type: none"> a. Texas Commission on Environmental Quality (TCEQ) b. Railroad Commission of Texas (TRRC) c. Texas General Land Office (TGLO) 5. Louisiana: <ol style="list-style-type: none"> a. Louisiana State Police (LSP) b. Louisiana Department of Environmental Quality (LDEQ) c. Louisiana Oil Spill Coordinator’s Office (LOSCO) 	
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1305 – 1420 Federal Agency Report Outs:

- | | |
|---|---|
| <ol style="list-style-type: none"> 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) | <ol style="list-style-type: none"> 10. Nuclear Regulatory Commission (NRC) 11. Dept. of Homeland Security (DHS): <ol style="list-style-type: none"> 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) |
|---|---|

1420 – 1430	10-minute break
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1430 – 1530 USCG FOSC Reports (unit reps from each of the below will present ~10 min):

1. Sector Lower Mississippi River
2. Marine Safety Unit Port Arthur
3. Marine Safety Unit Houma
4. Sector Corpus Christi
5. Sector Houston-Galveston
6. Sector New Orleans

1530 – 1545 Open Forum All

1545 – 1600 Closing Remarks Co-Chairs

1600	Adjourn
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Dates for next RRT Meetings			
Fall 2022	Addison, TX	Confirmed	02 – 03 Nov 2022
Spring 2023 or <i>Joint Meeting with RRT-4</i>	Addison, TX or Baton Rouge, LA	Proposed	10 – 11 May 2023 or Early May 2023
Fall 2023	Addison, TX	Proposed	02 – 03 Nov 2023
Spring 2024	Addison, TX	Proposed	01 – 02 May 2024



Priority List

In Progress or Continuing

	Priority	Assigned	Status
1.	Monthly EC Teleconferences	Executive Committee	Ongoing
2.	Conduct Incident-Specific RRT (ISRRT) Teleconferences <i>(Document Results)</i>	RRT Function	Ongoing
3.	Develop Region 6 RRT Evaluation Job-Aids for Alternative Response Technologies	Preparedness Committee	On Hold
4.	Improved Coordination of Natural Resource Damage Assessment (NRDA) with Response	Preparedness Committee	On Hold
5.	Develop Non-Synthetic Loose Sorbent Guidance	Executive Committee	In Progress
6.	Develop Air Monitoring Best Practices	Executive Committee	In Progress
7.	Develop Fish and Wildlife and Sensitive Environments Plan (FWSEP)	Executive Committee	In Progress

Added

8.	Update Inland Specific Area Contingency Plan (ACP)	Executive Committee	In Progress
9.	Unified Command Training for Tribes	Executive Committee	In Progress
10.	Working with Poison Control Centers during Large Responses	Executive Committee	In Progress

Removed or Completed

1.	Mercury Response Initiative	Executive Committee	Completed
2.	Develop Offshore Worst Case Discharge Annex	Executive Committee	Removed

RRT6 Air Monitoring Initiative

Spring 2022 RRT6 Meeting

Gary Moore

RRT6 Air Monitoring Initiative – Purpose

The purpose of the initiative is to determine and/or develop a process to determine appropriate community/public health protection levels and associated action levels in order to advise on evacuation, shelter-in-place, and re-entry.

RRT6 Air Monitoring Initiative

- Building on the Community Air Monitoring Plan work conducted by the Central Texas Coastal Area Committee
- EPA Region 6 has initiated an internal workgroup with its OSCs, toxicologists (Region 6 and Special Teams) and has included toxicologists from ATSDR, Texas, and Louisiana
- The workgroup will expand to include toxicologists from Arkansas, Oklahoma, and New Mexico

RRT6 Air Monitoring Initiative – State RRT Members

- RRT6 Questionnaire was sent out on 04/15/2022 to State RRT Members
- Focus is on emergency response air monitoring/sampling plans and associated monitoring/sampling equipment
- The intent of the questionnaire is to develop a common operating picture of air monitoring capabilities in Region 6 and identify best practices and areas for improvement.
- We will be reaching out to the State RRT Members designee (toxicologist) to join this workgroup.

**RRT6 Air
Monitoring
Initiative –
Contact**

Gary Moore

moore.gary@epa.gov

214.789.1627

2021 Subsea Dispersant Injection (SSDI) Exercise Overview



Mike Sams

Eighth Coast Guard District

Incident Management and Preparedness Advisor

Regional Response Team 6 Co-Chair

Objectives

- Summarize RRT-6 involvement in industry-led Subsea Dispersant Injection (SSDI) focused exercises since 2013
- Summarize the two SSDI focused exercises in 2021
- Address applicability of 40 CFR 300.910(d) to obtain SSDI approval
- Path Forward

SSDI Exercise History



ISRRT Summaries

The screenshot shows the RRT-6 Homepage on the EPA OSC website. The page features a navigation bar with 'Environmental Topics', 'Laws & Regulations', and 'About EPA'. Below the navigation bar, there is a search bar and a 'Profile' tab. The main content area includes a map of the region, a 'Site Contact' section for Kelsey "Bray" Fisher, and a 'Resources' sidebar with links to 'Events', 'Notices', and 'Documents'. The 'Documents' link is highlighted with a blue arrow pointing to the right-hand screenshot.

Documents

Activation Summaries

The screenshot shows the RRT-6 Documents page on the EPA OSC website. The page displays a list of documents with columns for 'File Name', 'Description', 'Category', 'Uploaded', 'Size', and 'Download'. The 'Activation Summary' link is highlighted with a blue arrow pointing from the left-hand screenshot. The table contains the following data:

File Name	Description	Category	Uploaded	Size	Download
Activation Call_EXERCISE_HWCG-Beacon Offshore SSDI 20Oct2021.pdf	**Exercise** HWCG Beacon Offshore Subsea Dispersants	Activation Summary	3/2/2022	297 KB	Download
Activation_Call-South Pass 24 BLD-U8 #1-07-12-2021.pdf	South Pass 24 BLD-U8 #1 Incident - In Situ Burn	Activation Summary	2/18/2022	435 KB	Download
2019 TX Statewide AC...	Incident Specific Activation Report ConocoPhillips DRI.pdf	Activation Summary	2/8/2022	88 KB	Download
Activation Call-Delta Farms ISB-10-6-2021.pdf	Delta Farms In-situ Burn	Activation Summary	12/21/2021	1267 KB	Download
Activation Call - Cox Oil West Delta 31F Platform - 09-30-2021.pdf	Cox Oil West Delta 31F Platform Surface Washing	Activation Summary	12/21/2021	1011 KB	Download
Activation Call-Cox Segment 349G Incident	Cox Segment 349G Incident - In-Situ Burn	Activation Summary	10/5/2021	1226 KB	Download
Activation Call - EXERCISE - Chevron SSDI 5-4-2021.pdf	**Exercise** Chevron USA Inc. Subsea Dispersants	Activation Summary	8/28/2021	382 KB	Download
Activation Call - South Pass Block 24 Incident - 01-21-2021.pdf	South Pass Block 24 Incident - In-Situ Burn	Activation Summary	2/18/2021	870 KB	Download
Activation Call - EXERCISE - Kosmos SSDI 13Nov2020.pdf	Activation - EXERCISE - Kosmos SSDI - 11-29-2020	Activation Summary	1/18/2021	372 KB	Download
Activation Call - Delta Farms 98 - 11-15-2019.pdf	Delta Farms In-Situ Burn	Activation Summary	3/10/2020	711 KB	Download
Activation Call - EXERCISE - Shell Aerial Dispersant - 11-14-2019.pdf	**Exercise** Shell Aerial Dispersant	Activation Summary	3/10/2020	279 KB	Download
Activation Call - Cox Bay South - 8-18-2019.pdf	Cox Bay South In-Situ Burn	Activation Summary	10/4/2019	599 KB	Download
Activation Call - EXERCISE - Fieldwood SSDI - 8-21-2019.pdf	**Exercise** Fieldwood Subsea Dispersants	Activation Summary	10/4/2019	380 KB	Download
Activation Call - EXERCISE - Chevron - 5-9-2019.pdf	**Exercise** Chevron Surface Collecting/In-situ Burn	Activation Summary	8/8/2019	421 KB	Download

Location of ISRRT Summaries: https://www.epaosc.org/site/site_profile.aspx?site_id=5083

Chevron U.S.A Exercise Scenario

- On May 19, 2021, at 0900 the Drill Ship DEEP WATER CONQUEROR lost power and drifted off station due to the loss of station keeping.
- The vessel performed the emergency disconnect sequence, however, they did not get a clean disconnect based on load weights and rig floor equipment responses.
- As a result, there was a loss of well control at a depth of 6,900 feet with an ongoing uncontrolled flow of approximately 465,183 bbl per day.
- The incident location was 75 miles southeast of the mouth of the Mississippi River.
- Chevron activated Marine Well Containment Company (MWCC), who initiated the mobilization of well control equipment to the site.



Exercise Assumptions and Artificialities

Assumptions:

- Chevron activated their Oil Spill Response Plan (OSRP)
- Mechanical recovery underway
- The following pollution mitigation strategies and tactics are simultaneously being pursued: capping stack, aerial dispersants, and in-situ burn.
- **The focus of the ISRRT call was on SSDI use under 40 CFR 300.910(d) provision only.**
- Chevron requested permission from the USCG FOSC (Captain Russell, MSU Houma) to use SSDI. Chevron developed the SSDI package and submitted to the FOSC; the FOSC requested the NOAA SSC review prior to FOSC signature. The USCG FOSC then requested consultation from the RRT.

Artificialities:

- Incident date: 18 May 2021
- ISRRT call date: 4 May 2021
- Industry participated on the ISRRT call; however, during a real incident they would not.
- ISRRT call was limited to one-hour, and there was only one call. In a real incident, we anticipate that there would be a series of calls before the RRT.
- The FOSC has initiated an ESA, EFH, and NHPA consultations and awaiting feedback.

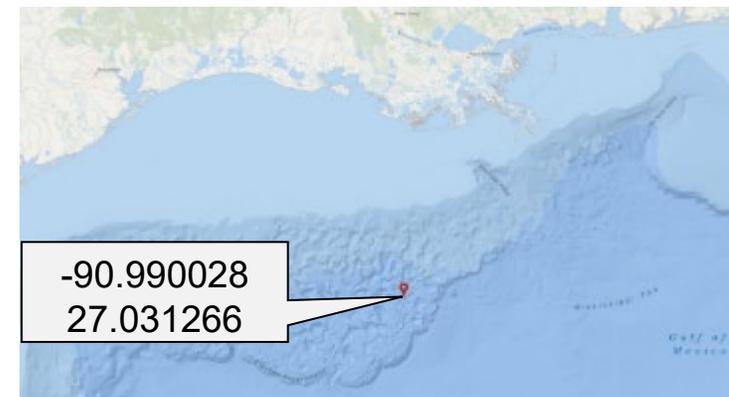
Note: There is no preapproval for the use of SSDI; however, the FOSC may approve the use of any dispersant and other non-mechanical methods on an incident-specific basis only as described under 40 CFR 300.910(d).

RRT-6 Conclusion

- In accordance with the National Contingency Plan (Subpart J, 40 CFR 300.910(d)), when dispersant use is being considered to prevent or substantially reduce a hazard to human life, the FOSC would have the authority to make the decision to use dispersant. The RRT could provide assistance (consultation) to help inform the FOSC prior to his decision, but **per the NCP, it is the FOSC's decision**. If the FOSC makes the decision to use SSDI, it would only be for a designated period of time. **Once the area is deemed safe for workers, they would have to request RRT concurrence to continue SSDI activities.**
- **The FOSC acknowledged that for this type of scenario, it was his decision to make, and that he would not authorize the use of SSDI at this time; however, he would direct the operator (RP) to mobilize all response personnel and equipment to the site.** To help with his decision, he would take this time (estimated two days to mobilize and deploy SSDI equipment on site) to consult with USCG legal and other subject matter experts before potentially authorizing the use of SSDI.
- If after the hazard to human life is eliminated or a suitable level is reached, and the FOSC wishes to continue to use SSDI to reduce oil impacts to the shoreline and to the resources at risk, he would then have to consult with the RRT and request consultation/concurrence.

HWCG – Beacon Offshore Energy Exercise Scenario

- On October 18, 2021, at 0400, the Drill Ship DEEPWATER ASGUARD, working for Beacon Offshore Energy (BOE) while completing the production liner on a recently drilled well, experienced an equipment casualty and drifted off station.
- The crew performed the emergency disconnect sequence, however, they did not get a clean disconnect.
- The BOP activation was unsuccessful and resulted in the drill pipe separating and there was a loss of well control at a depth of 5,384 feet with an ongoing uncontrolled flow of approximately 16,350 bbl per day.
- The simulated incident location was ~126 miles offshore in Green Canyon Block 943.
- BOE activated HWCG, LLC, who initiated the mobilization of well control equipment to the site.



Exercise Assumptions and Artificialities

Assumptions:

- Beacon Offshore Energy activated their Oil Spill Response Plan (OSRP)
- Mechanical recovery underway
- The following pollution mitigation strategies and tactics are simultaneously being pursued: capping stack, aerial dispersants, and in-situ burn.
- **The focus of the ISRRT call is on SSDI protocols only, specifically 40 CFR 300.910(d).**
- BOE requested permission from the USCG FOSC (Captain Russell, MSU Houma) to use SSDI. BOE developed the SSDI package and submitted to the FOSC. The USCG FOSC then requested advice/consultation from the RRT.

Artificialities:

- Incident date: 18 Oct 2021
- ISRRT call date: 20 Oct 2021
- Industry participated on the ISRRT call; however, during a real incident they would not.
- ISRRT call was limited to one-hour, and there was only one call. In a real incident, we anticipate that there would be a series of calls between the FOSC and the RRT.
- The FOSC has initiated ESA, EFH, and NHPA emergency consultations and are awaiting feedback.

Note: There is no preapproval for the use of SSDI; however, the FOSC may approve the use of any dispersant and other non-mechanical methods on an incident-specific basis only as described under 40 CFR 300.910(d).

RRT-6 Conclusion

- **USCG – FOSC** (Captain Wade Russell) acknowledged that 40 CFR 300.910(d) provides him (as the FOSC) the authority/discretion to authorize immediate actions. Given the no-fault exercise environment, he was interested in having the open discussion – with all. For this scenario, he said that **he would not authorize SSDI under 40 CFR 300.910(d). The more appropriate process for SSDI consideration is via 40 CFR 300.910(b).**
- **EPA** – “Since the focus is to prevent or substantially reduce a hazard to human life under 40 CFR 300.910(d), **the NCP gives the FOSC the authority to make the decision.** Under this scenario, the EPA would not have a role to consult or to concur or not concur; the regulation (40 CFR 300.910(d)) **doesn’t provide a venue for consultation or concurrence role for the EPA.** Any deviation would not be aligned with the regulation. The intent of that CFR provision, and supported by the EPA, is to **preserve the FOSC’s authority/discretion to make a rapid decision and not be hindered by lengthy conference calls when having to make a rapid decision to provide worker safety.** The FOSC should document their decision process and notify the RRT when time permits; however, the Agency views **consultation and concurrence as the same, and if you have time to consult, then you have time to concur and vice versa.** In a scenario like this, where you have two to four days where the decision has to be made, it is very difficult to envision how there would not be time for consultation and concurrence.”
- **USCG D8** – “the USCG is aligned with the EPA and we acknowledge that there will always be time to provide consultation and concurrence for SSDI use, so we would expect an incident-specific RRT activation as per Subpart J, 40 CFR 300.910(b), where preauthorization does not apply. Operators should focus their time and efforts into developing the SSDI packages because that is what would be envisioned; that is meeting the intent of the statute, regulations and many years of experiences.”

Incident Specific Activation Reports

Exercise
Exercise
Exercise

Incident-Specific Activation Report
Chevron U.S.A. 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](#)

May 4, 2021
(RRT-6 Activation Date)

Brief Timeline of Events:

1. Chevron collaborated with several other companies in the development of their subsea dispersant injection (SSDI) package. Their goal was to request to use subsea dispersant, specifically COREXIT EC9500, 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 (FOSC) who then requested consultation from the RRT.
2. On April 16, 2021, Chevron's exercise planners provided their SSDI package to RRT-6 and MSU Houma (FOSC) for review/comment.
3. On May 4, 2021:
 - a. 0900 CT, key RRT-6 members and invited guests (MSU Houma) convened to discuss the package. Call adjourned at 0945.
 - b. 1500 CT, the incident-specific RRT (ISRRRT) teleconference commenced; call adjourned at 1602.

1

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 (FOSC) 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 (FOSC).
 - b. 1055 CT, MSU Houma (FOSCR) 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 (ISRRRT) teleconference commenced; call adjourned at 1400.

1

Subsea Dispersants

40 CFR 300.910 Subpart J - Authorization of use

40 CFR 300.910(b)

The OSC may authorize the use of any dispersant after getting:

- **Concurrence** of the:
 - EPA representative to the RRT
 - RRT representatives from the states with jurisdiction over the navigable waters threatened by the release or discharge
- **Consultation** with DOC and DOI natural resource trustees

40 CFR 300.910(d)

The OSC may authorize the use of any dispersant **without obtaining the concurrence of the EPA representative to the RRT** and, as appropriate, the RRT representatives from the states with jurisdiction over the navigable waters threatened by the release or discharge, when in the judgment of the OSC:

- The use of the product is necessary **to prevent or substantially reduce a hazard to human life**

NCP FINAL RULE PREAMBLE –

49 FR 29194 - 29195, July 18, 1984

First, if the OSC determines that the use of a dispersant, surface collecting agent, or biological additive **is necessary to prevent or substantially reduce a hazard to human life, and there is insufficient time to obtain the needed concurrences**, the OSC may unilaterally authorize the use of any product (including products not on the NCP Product Schedule). In such instances, the OSC must inform the EPA RRT representative and the affected states of the use of a product as soon as possible and must obtain their concurrence for the continued use of the product once the threat to human life has subsided. **This provision eliminates delays in potentially life-threatening situations, such as spills of highly flammable petroleum products in harbors or near inhabited areas.**

NCP FINAL RULE PREAMBLE –

55 FR 8808 - 8810, March 8, 1990

This section also provides that if the OSC determines that the use of a dispersant, surface collecting agent; or biological additive **is necessary to prevent or substantially reduce a hazard to human life, and there is insufficient time to obtain the needed concurrences**, the OSC may unilaterally authorize the use of any product, including a product not on the NCP Product Schedule. In such instances, the OSC must inform the EPA RRT representative and the affected states of the use of a product as soon as possible and must obtain their concurrence for the continued use of the product once the threat to human life has subsided. **This provision eliminates delays in potentially life-threatening situations, such as spills of highly flammable petroleum products in harbors or near inhabited areas.**

NCP PROPOSED RULE PREAMBLE – 80 FR 3391, January 22, 2015

The proposed rule maintains the provision allowing OSCs to authorize the use of any agent, including products not on the Schedule, **when it is determined that the use of the agent is necessary to prevent or substantially reduce a threat to human life.** The proposed revisions do not change previous policy, **but rather clarify the intent of the exception.** The Agency believes that the **protection of human life is the primary consideration** in responding to an oil discharge. Life-threatening oil discharges (e.g., spills of highly flammable petroleum products in harbors or near inhabited areas) may occur at locations where chemical agents on the Schedule are not immediately available. The Agency **believes that in such cases, an OSC must have the ability to use agents that, in his professional judgment, would effectively and expeditiously mitigate the threat to human life.** **Allowing this authorization to occur without the required concurrences for preauthorization or authorization of use for products on the Schedule under paragraphs (a) and (b) respectively, eliminates delays in responding to potentially life-threatening situations.** The Agency is proposing to include **“without obtaining the immediate concurrence”** to clarify the scope of the exception. The proposed revisions are consistent with the intent of the current regulation which recognizes that once the threat to human life has subsided, the continued use of a product shall be in accordance with authorization of use paragraphs (a) and (b) of the section. In addition, this exception is intended for those extraordinary situations in which time is of the essence to mitigate the threat to human life; revising the language to replace “hazard” with “threat” clearly establishes this. The Agency **emphasizes this authority is not intended to circumvent the authorization of use provisions in paragraphs (a) and (b) of this section, which serve to address all other situations.**

The proposed revisions also specify that **the OSC immediately notify, and document the reasons for the use of an agent to the EPA RRT representative and the affected states as soon as possible, and must obtain their concurrences where continued use of chemical or biological agents extends beyond 48 hours.** The Agency believes that advances in communication technologies (e.g., smart phones, email) provide OSCs the increased capabilities to communicate quickly. Therefore, it is reasonable to expect that the OSC notify and explain the circumstances requiring use of the agent to the designated EPA RRT representative and, as appropriate, the RRT representatives from the affected states and the DOC/DOI natural resources trustees within 48 hours. The Agency is requesting comments on these revisions, and specifically on the 48-hour timeframe within which the OSC shall be operating in accordance with authorization of use paragraphs (a) and (b) of the section.

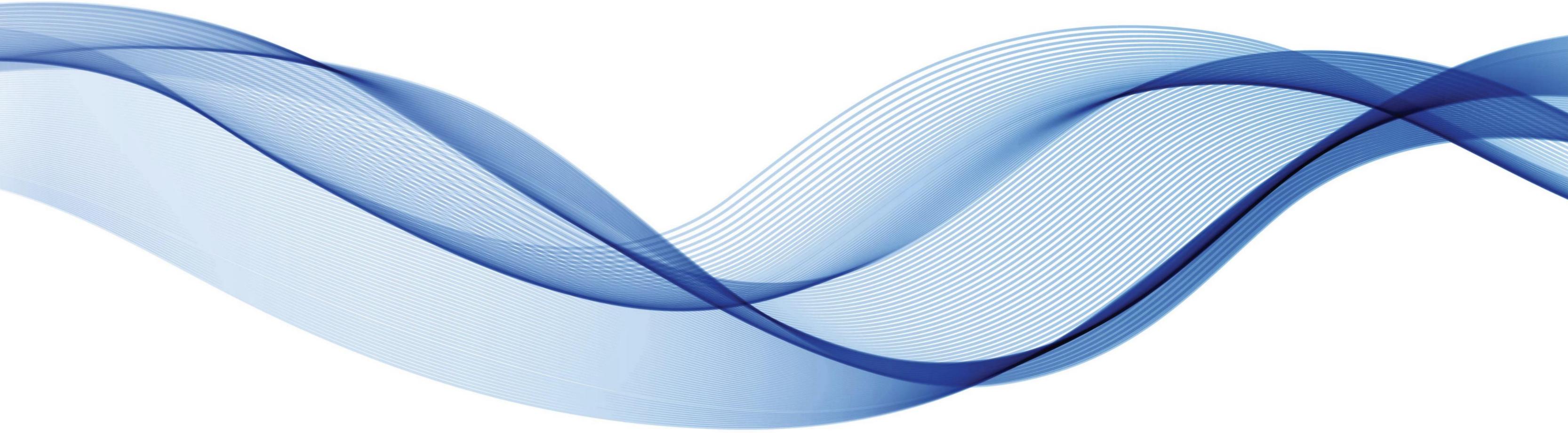
40 CFR 300.910(d) and SSDI Approval

- Not a viable tool/option
 - 40 CFR 300.910(d) is for **immediate** action (per the 1984 and 1990 NCP Final Rule Preambles)
 - Any SSDI application would take at least two-days (if not more) to mobilize equipment
 - Given that preauthorization for SSDI doesn't exist, all requests for SSDI would be under the incident specific process described in 40 CFR 300.910(b)
- Human health is everyone's top priority (responders and public)
 - Build health and safety aspects into **all** operations – including any SSDI request package
- **Reminder:** The NCP was updated earlier this year; 40 CFR 300.913 addresses dispersant monitoring requirements – effective 24 Jan 2022

Path Forward

- Committed to refining Subsea Dispersant Protocols and Processes
- Up to two exercises per year
- Collaborate with Region 4 for maximum consistency within the Gulf of Mexico
- Collaborate with the NRT for future exercises





Spring 2022 RRT6

Advancing Source Control Technologies

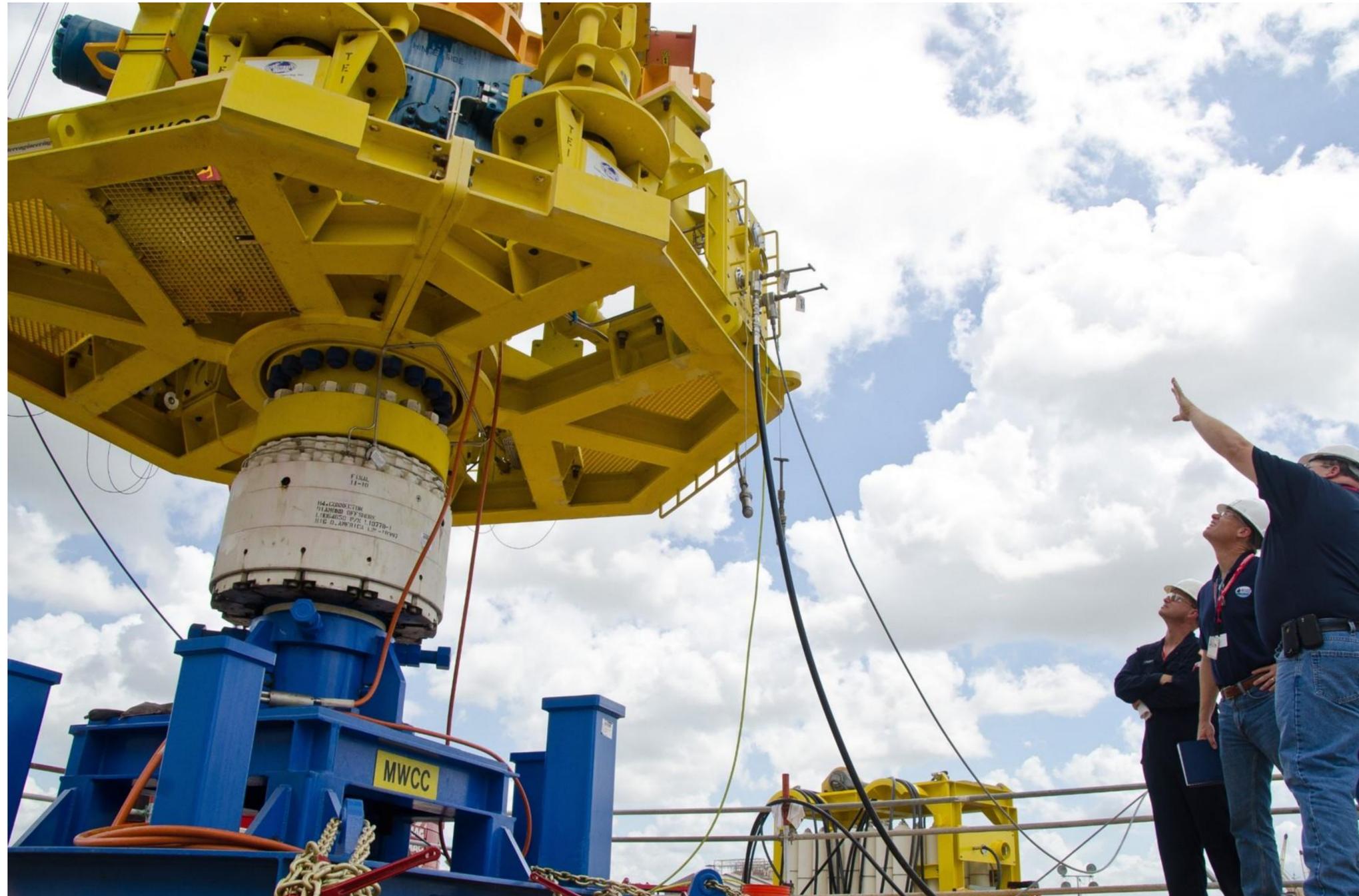
Corporate Overview



Regulatory Framework

In order to drill in the U.S. Gulf of Mexico, BSEE requires compliance with the Blow Out Preventer System and Well Control Rule, finalized in May 2019, which requires operators to have a well containment plan that includes:

- ✓ Access to, and the ability to deploy, source control and containment equipment (SCCE) necessary to regain control of the well
- ✓ Methodology by which the specified SCCE will be maintained, inspected and tested
- ✓ Description of the source control and containment capabilities
- ✓ Coverage from a well containment equipment provider such as a MWCC Covered Well Addendum



Who We Are

Recognized Leader

Providing industry's most comprehensive suite of containment equipment, we continue to push the response envelope to meet advancing operator needs.

Independent Company

Founded in 2010 to address the need for a deepwater well containment response capability in the U.S. Gulf of Mexico.

Covering > 70% Of Wells

Most wells drilled in the deepwater U.S. GOM are operated by our members. Our System and services remain available to any operator in the region through private agreement.

10 Members

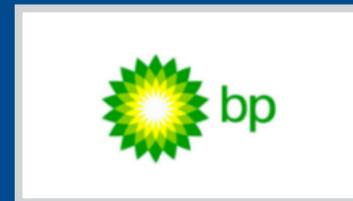
Our members are some of the world's largest and most progressive offshore deepwater operators. Our model allows us to remain closely linked to best practices from member organizations.

Three Pillar Approach

We are set apart by our comprehensive approach: a dedicated portfolio of source control equipment, a skilled workforce on call 24/7, and a preeminent responder training program.

History of Technology Firsts

We continue to push the industry forward by developing advanced technologies and containment solution. We are proud to be at the forefront of the source control industry.



Mission

To be continuously ready to respond to a well control incident in the deepwater U.S. Gulf of Mexico.

To be the recognized and respected leader for U.S. Gulf of Mexico deepwater well containment, committed to continually advancing U.S. Gulf of Mexico deepwater well containment technology to keep pace with member needs.

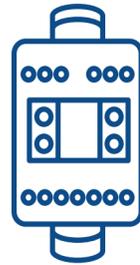
To be the advocate for the Marine Well Containment Company's U.S. Gulf of Mexico deepwater well containment system to regulators on behalf of its collective membership.



An Industry Leading

Three Pillar Approach

Our model is differentiated in industry by its three-pillar approach focusing on: a dedicated portfolio of leading-edge source control equipment, a highly skilled workforce on call 24/7, and a preeminent responder training program to ensure we are ready for any scenario.



Dedicated Equipment

Equipment specifically built to ensure comprehensive coverage of member wells across a wide range of well bore pressures, fluid temperatures, water depths and other technical variables.



Skilled Workforce

Dedicated staff of experienced engineers and crisis response specialists well-versed in the technical world of offshore operations and incident response, supported by industry's best strategic contractors to aid in deployment.



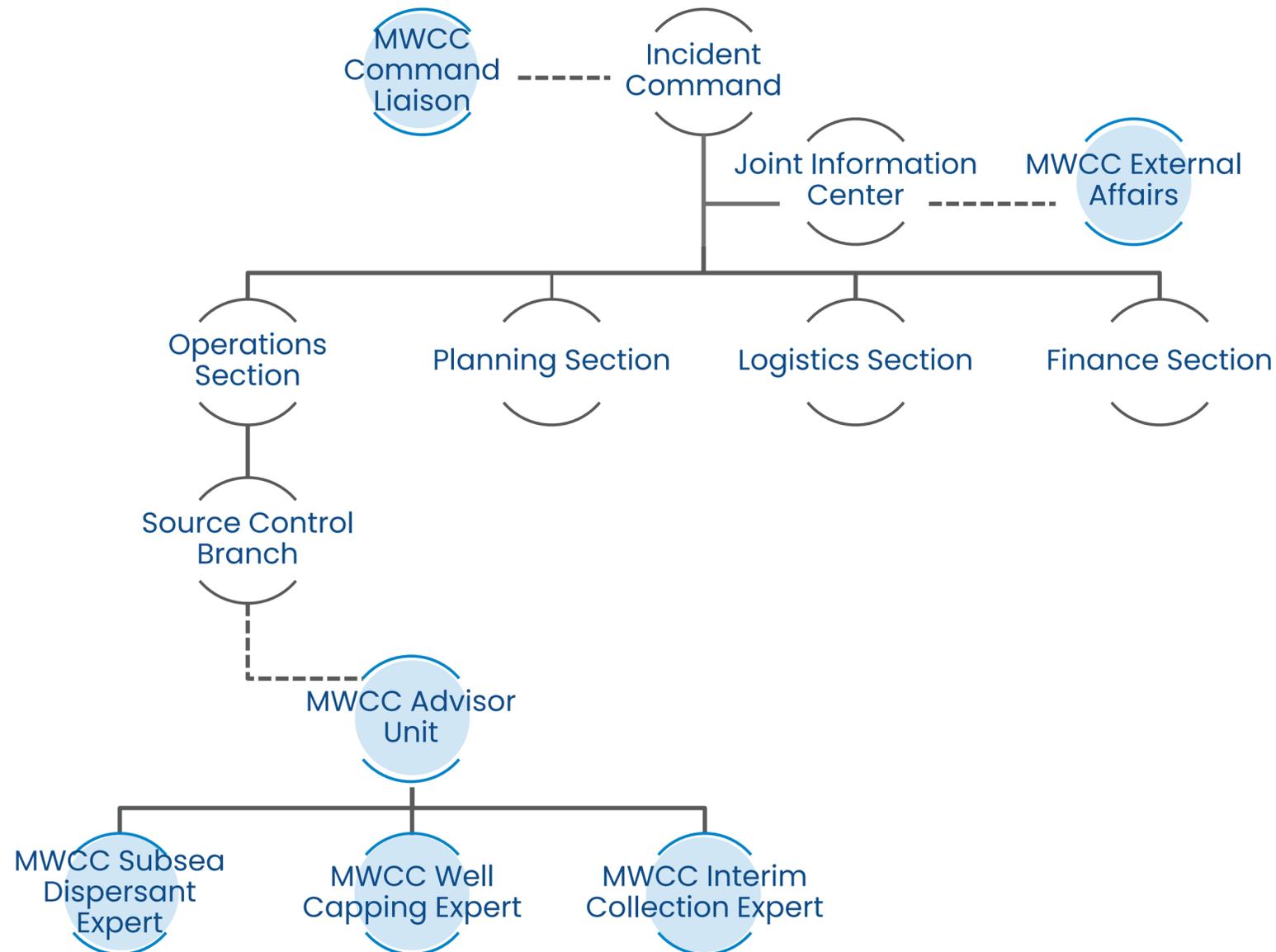
Preeminent Training

Continuously sharpening our skills and streamlining response protocols through regular training, activation & incident response drills, and custom-built virtual reality training simulators .

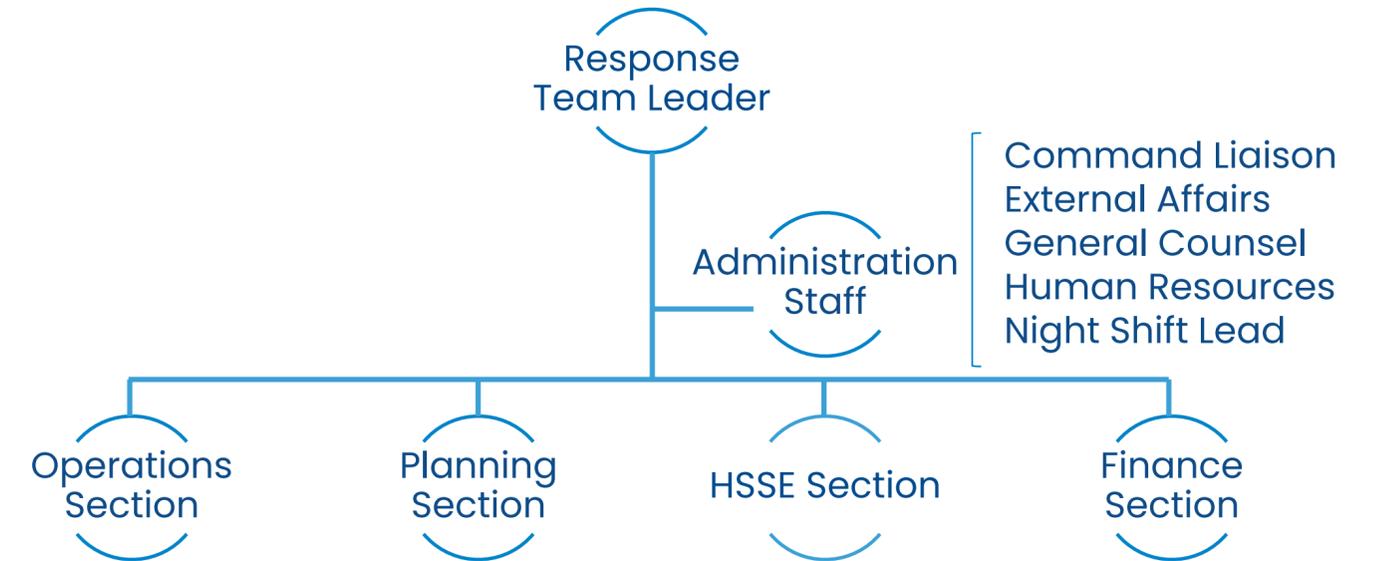
Response Operations

MWCC is designed to seamlessly integrate within the Incident Command System (ICS) structure of the Operator. MWCC's Advisor Unit will deploy directly to the Incident Command Center to provide subject matter expertise and counsel within the Source Control Branch. System deployment activities will be directed from the MWCC Response Operations Center at their headquarters in Houston.

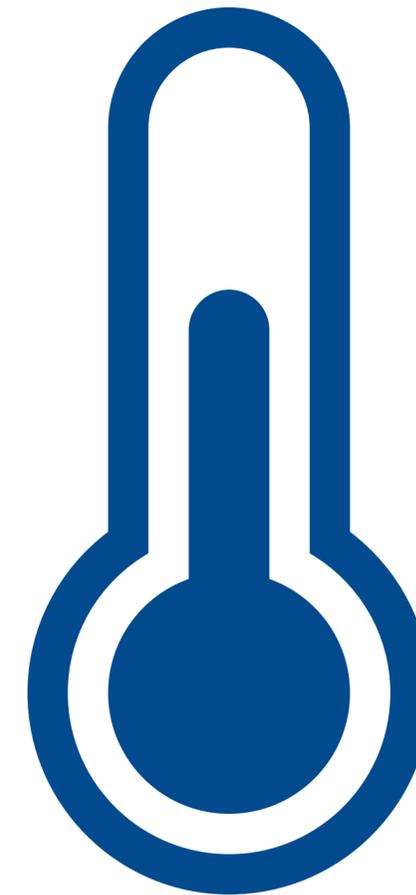
Incident Command Organization



MWCC Response Team Organization



High Pressure | High Temperature Well Containment



Recognizing & Responding to Industry's HPHT Evolution

Defining HPHT

Technical Report IPER15K-1 Protocol for Verification and Validation of High-Pressure High-Temperature Equipment (API, 2013)

Any well that exceeds either 15,000 PSI, or 350° Fahrenheit. Ultra-deep wells can simultaneously exceed both the pressure and temperature thresholds.

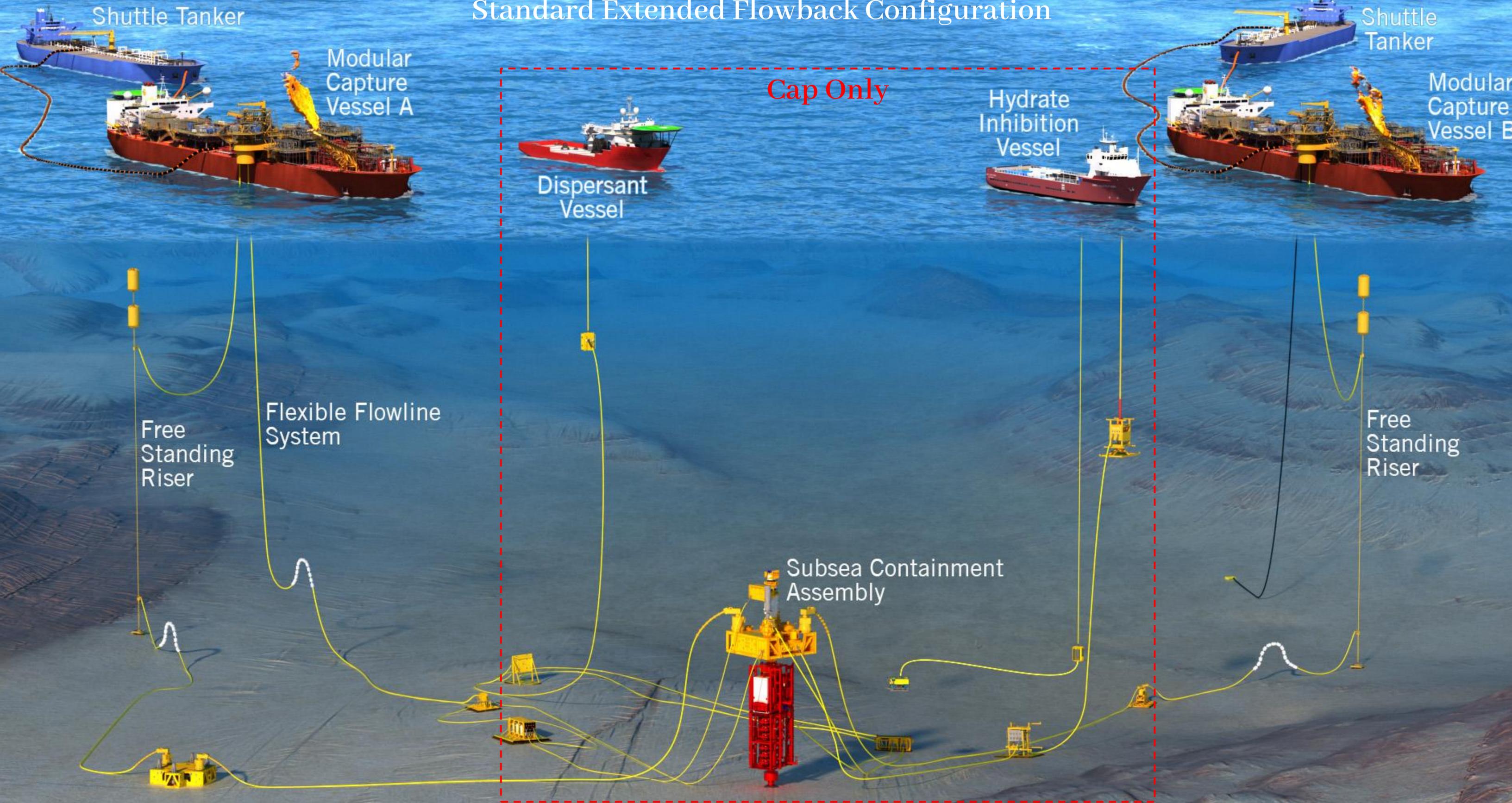


American Petroleum Institute

Annual Borehole Completions

Year Spudded	Water Depth		Total Wells	% Total Wells
	> 5,000'	< 5,000'		
2000	1	231	232	<1%
2001	12	200	212	6%
2002	10	166	176	6%
2003	0	126	126	0%
2004	18	154	172	10%
2005	2	127	129	2%
2006	9	156	165	5%
2007	22	148	170	12%
2008	9	156	165	5%
2009	12	97	109	11%
2010	3	102	105	4%
2011	10	114	124	8%
2012	17	134	151	11%
2013	12	117	129	9%
2014	14	145	159	9%
2015	23	72	95	24%
2016	17	36	53	32%
2017	10	48	58	17%
2018	19	76	95	20%
2019	14	61	75	19%
2020	6	15	21	29%
20-yr Total	240	2481	2721	12%
5-yr Total	89	308	397	27%

Standard Extended Flowback Configuration



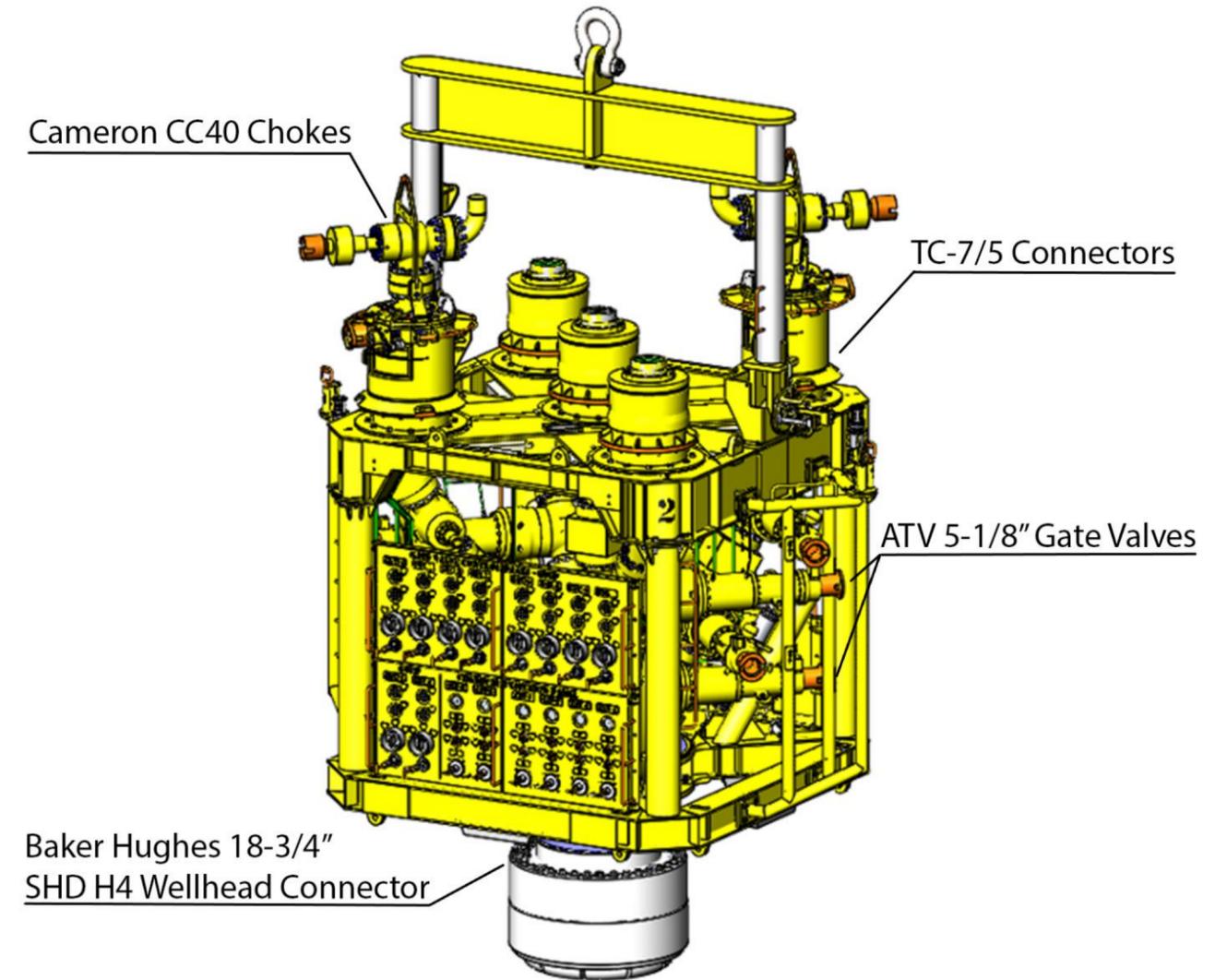
HPHT Considerations

	Challenges	Solutions
Technical	<ul style="list-style-type: none"> Emerging Design Standards 	<ul style="list-style-type: none"> API Technical Report 17TR8 I3P Verification
Operational	<ul style="list-style-type: none"> Additional Size and Weight Potential Fluid Corrosivity Accelerated Fatigue 	<ul style="list-style-type: none"> Special Alloy Materials Valving Philosophy
Approval	<ul style="list-style-type: none"> New Technologies 	<ul style="list-style-type: none"> Non-Site-Specific Conceptual Plans

HPHT Capping Stacks (1 of 2)

15K | 400°F Capping Stack

Design Pressure	15,000 PSI
Design Temperature	35°F - 400°F (Operation) -13°F - 150°F (Storage)
Design Life	20 years (Storage) 6 months (Flowing) 2 years (Shut)
Water Depth	Up to 10,000 ft.
Flow Rate	Up to 330,000 BPD
Injection	Dispersant and Hydrate Inhibitor (10 GPM/Line)
Outlets	5 Outlets each with Dual 5 1/8" Gate Valves
Sealing Device	Gate Valve (Fail As-Is)
Operation	Third-party ROV (Manual & Hydraulic)
Measurements	Pressure (Visual & Acoustic) Temperature (Acoustic)
Connectors	H4 30" SHD Connector
Flow Control	2 chokes CC 40
Installation Method	Wire Line
Transportability	Sea
Deployed Height	30 ft.
Estimated Deployed Weight	178,580 lbs.

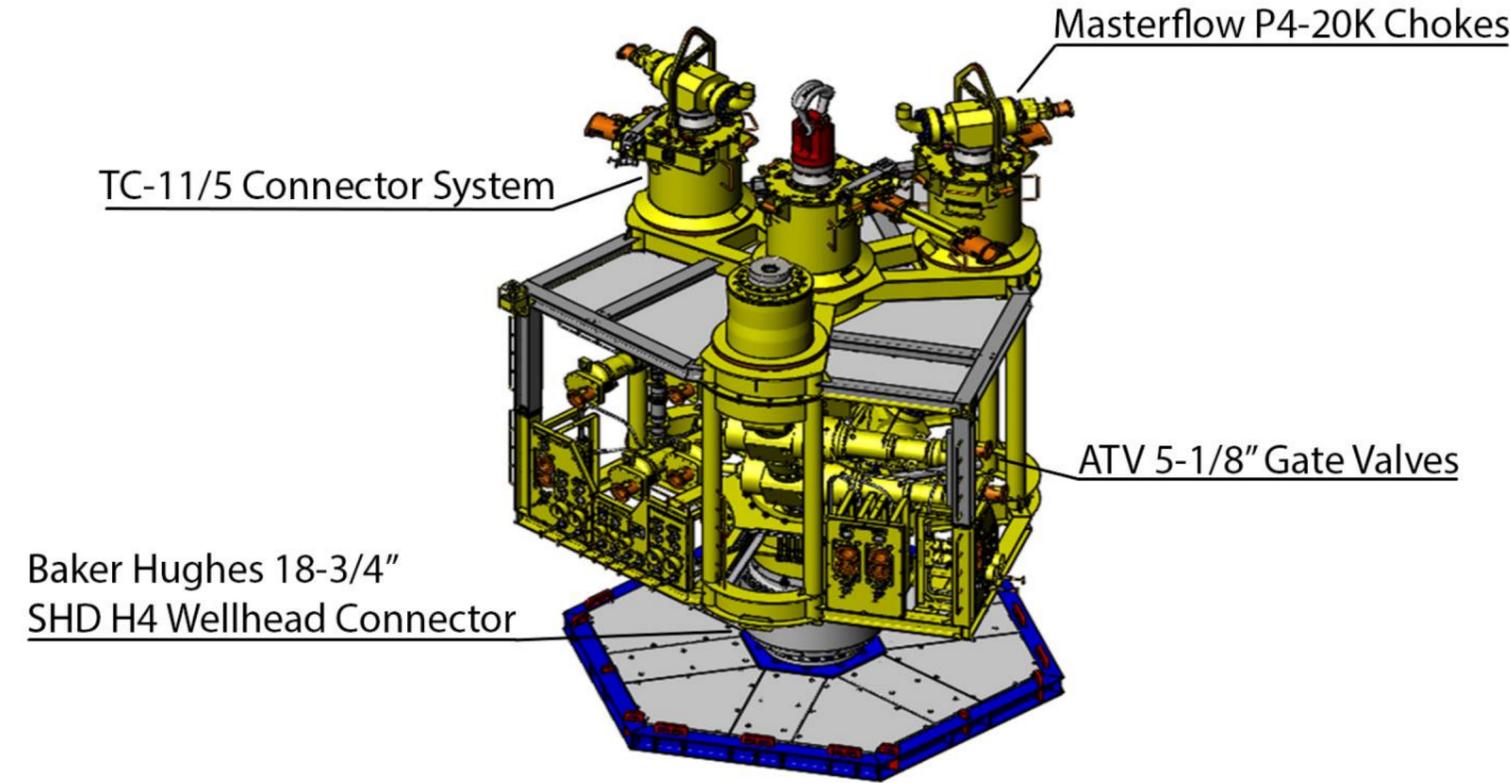


Commissioned	By Shell in 2013
Delivered	2017

HPHT Capping Stacks (2 of 2)

20K | 400°F Capping Stack

Design Pressure	20,000 PSI
Design Temperature	35°F - 400°F (Operation) -13°F - 150°F (Storage)
Design Life	20 Years (Storage) 6 Months (Flowing) 2 Years (Shut)
Water Depth	Up to 10,000 ft.
Maximum Flow Rate	300,000 BPD
Injection Capabilities	Dispersant and Hydrate Inhibitor (10 GPM/Line)
Outlets	4 Outlets each with Dual 5 1/8" Gate Valves
Sealing Device	Gate Valve (Fail As-Is)
Operation	Third-party ROV (Manual & Hydraulic)
Measurements	Pressure (Visual & Acoustic) Temperature (Acoustic)
Connectors	H4 30" SHD Connector
Flow Control	2 Chokes CV 250
Installation Method	Wire Line
Transportability	Sea
Deployed Height	29'
Estimated Deployed Weight	255,600 lbs.

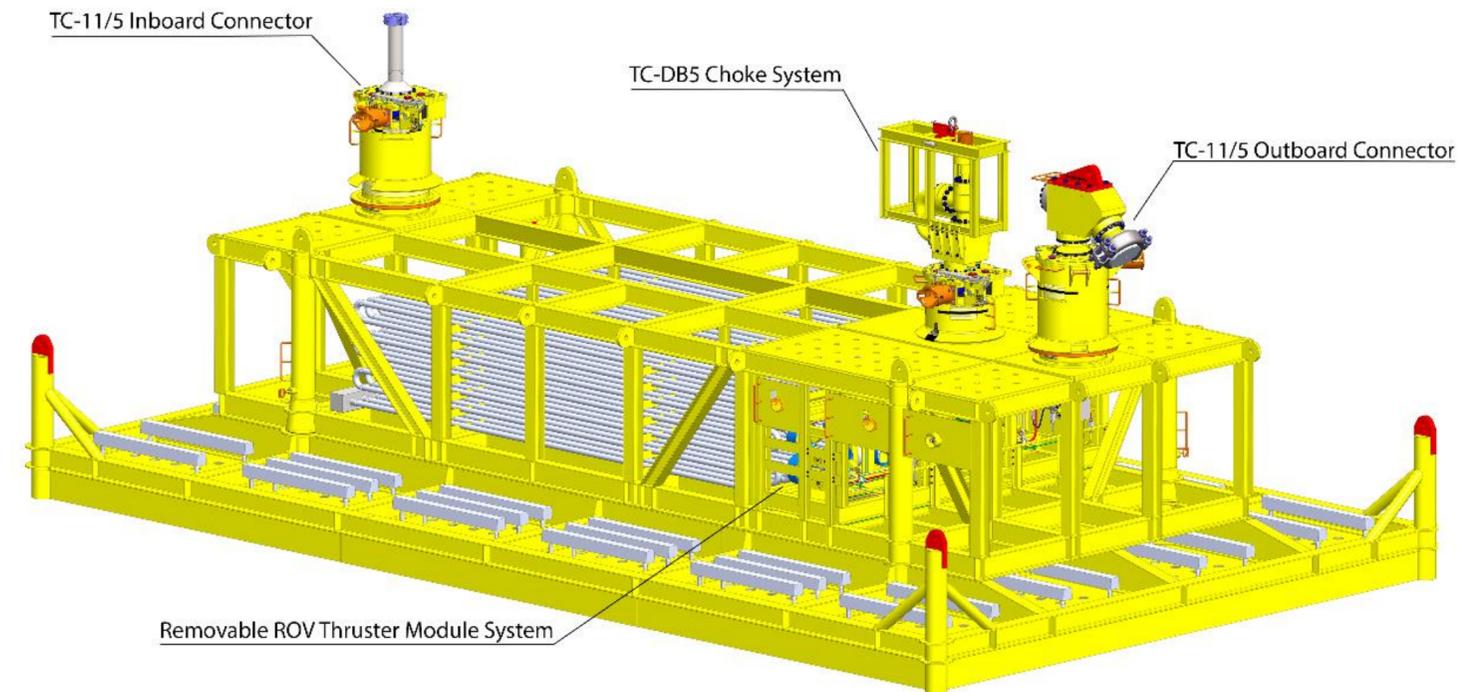


Commissioned	By MWCC in 2015
Original Design	20K 350°F
Delivered	2018
Re-rate Design	20K 400°F
Re-rate I3P Completed	2019

HPHT Extended Flowback

Subsea Cooling Modules

Design Pressure	15,000 PSI
Design Temperature	400°F
Design Life	20 Years (Surface) 6 Months (Subsea)
Water Depth	10,000 ft.
Flow Rate	50,000 BPD/Module 100,000 BPD Total
Flow Control	1 CC 40 choke
Sealing Device	Two (2) 5-1/8" Gate Valves
Operation	ROV Manual Actuation
Measurements	Pressure and Temperature via ROV Electrical Flying Lead
Connectors	Trendsetter Engineering TC 11/5 Connectors
Installation Method	Wire line
Transportability	Sea
Deployed Height	12 ft. without Mudmat
Estimated Deployed Weight	Module: 188,000 lbs. Mudmat: 104,000 lbs.
Design Pressure	15,000 PSI
Design Temperature	400°F



Commissioned	By MWCC in 2017
Delivered	2020

Continuously Ready to Respond



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



Overview

- **Challenges**

- COVID-19
- Air Monitoring Action Levels
- Environmental Justice and Climate Change
- McGirt Decision

- **Lessons Learned**

- Virtual Response Management
- Value of ERAPs During a Response
- NRC Reporting Requirements Under Other Programs

- **Best Practices**

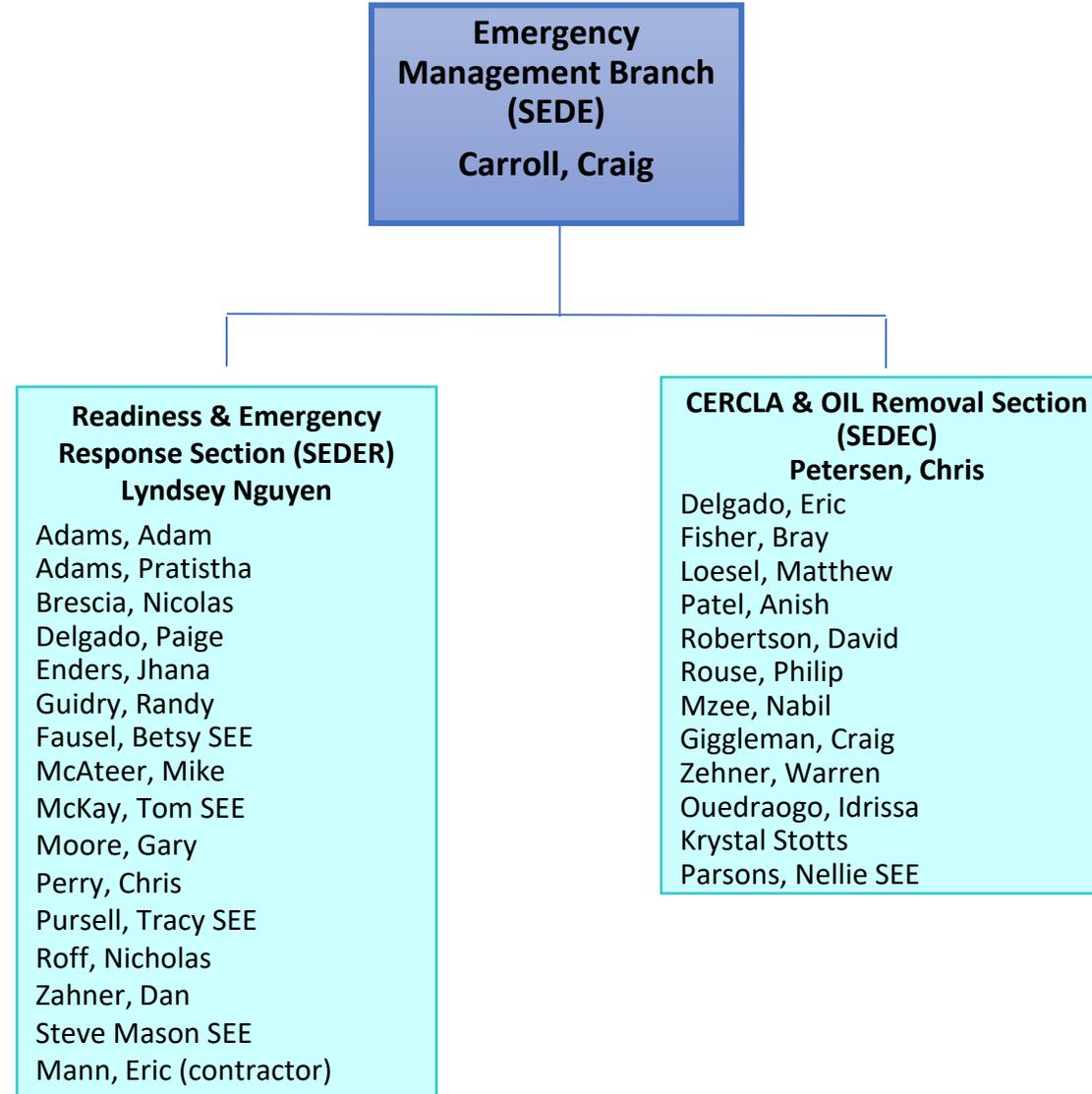
- More Participation in Local Exercises
- Data Management Dashboards
- Mercury Initiatives

- **Significant Responses**

- Mitzi Tank Farm
- Westlake Chemical
- Enable Midstream Crude Oil Pipeline Spill
- West Texas Gulf Pipeline Spill
- NuStar NH₃ Pipeline Release
- Covestro Phosgene Release
- Toxic Aromatherapy
- Vermiculite Products



EPA R6 Emergency Management Branch



HURRICANE PREPAREDNESS AND RESPONSE

2022 – EPA R6

Preseason	Pre-Storm	Post Storm
Review / Update Severe Weather Plans, Implementation Plans, Data Mgmt Plans, Crisis Communications Plans	Common Operating Picture (COP)	(ESF 10 Desk) FEMA Daily Coordination
Update Contacts for Regulated Community (via RMP/FRP)	Pre-landfall Rapid Response Assessments of NPL Sites (with State and local partners and PRPs)	Communication-Outreach with the Regulated Community
Host/Participate in Hurricane/Disaster Planning Workshops, Conferences, Training, Drills, Exercises – NDOW/IMT	Stakeholder Conference calls	Post-landfall Rapid Response Assessments of NPL Sites (with State and local partners and PRPs)
RRT6 Advisory sent out on BMP for securing Tanks, Drums, Containers prior to storm (EPA R6 to RRT State contacts, Tribes, FRP/RMP facilities)	Support Critical Infrastructure (DW/WW) assessment via FEMA tasking/assignment	Compiles daily updates from Div/Prog's into a single DMU and disseminates
Assist/support states with regulated community data management (DW/WW/CI/Industrial)	PCB Cleanup Guidance Memo dissemination to state and local partners	Conduct Critical Infrastructure (DW/WW) assessments with Fed, State, and local partners, if MA-tasked
EPA Region 4 and EPA Region 6 joint press release (last week of May)	Notify states we are ready to assist with Fuel Waivers	Support processing Fuel Waiver requests, Force Majeures
		Determine appropriate mechanism for response to spills and releases



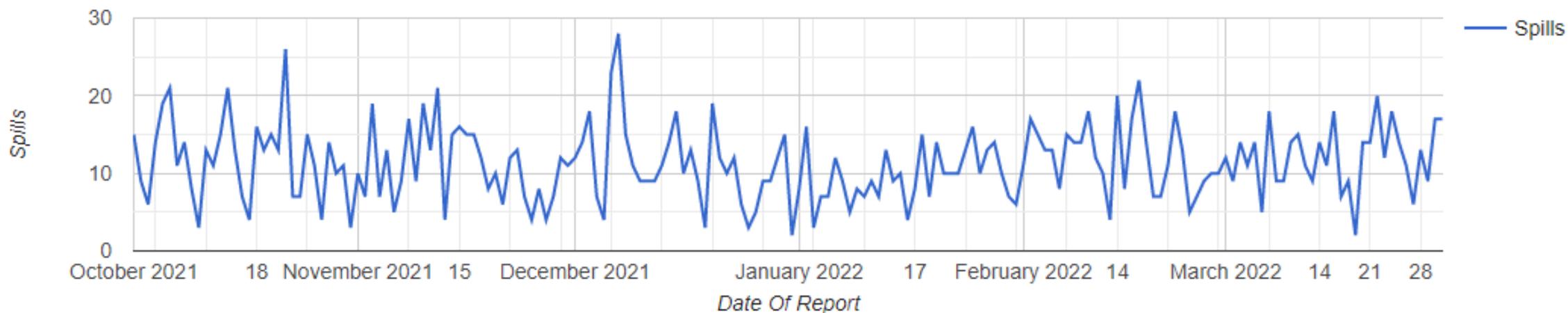
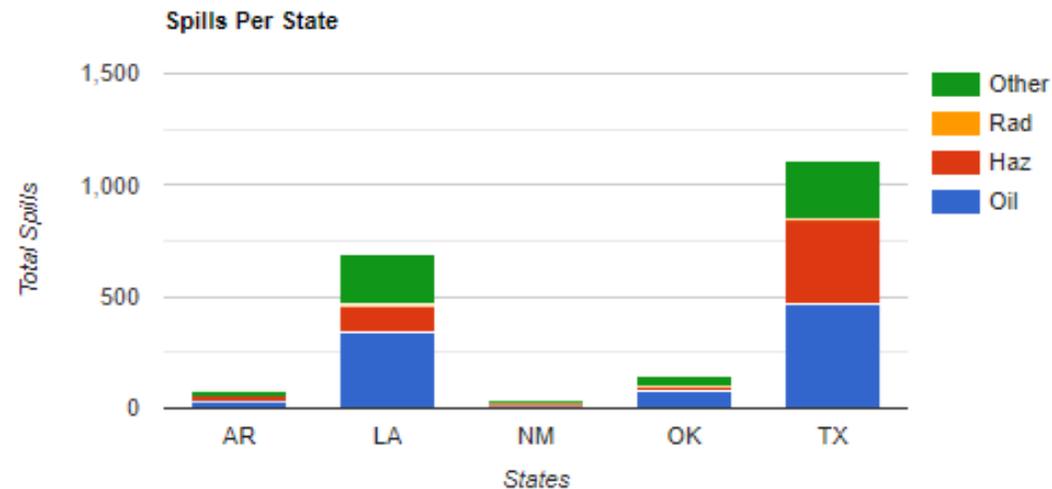
Laws/Regulations/Policies

- Subpart J
- PFOA/PFAS
- Infrastructure Funds/State Well Plugging Initiatives

Spill Notifications

Total Spills: 2,063

State	Oil	Haz	Rad	Other
AR	34	20	0	25
LA	340	122	1	232
NM	10	12	0	12
OK	78	16	0	52
TX	472	373	2	262





Accomplishments

Mid-year FY2022

Federal, state, and local Planning and Coordination Efforts

Description	Location	Dates
Completed 6 CERCLA and 1 OPA removal actions	Various	Various
Completed 30 FRP and 79 SPCC inspections	Various	Various
Completed 3 Planning Section Trainings	Virtual	Various
OSC Readiness	Orlando, FL	April 25-29, 2022
NDOW Exercise	Corpus Christi, TX	April 25-29, 2022
Held 6 OSC monthly meetings	Virtual	Various
ESF-10 Coordination Calls with Federal and State Partners	Virtual	Various
SE TX/SW LA Coastal Area Planning Committee	Virtual	March 30, 2022



Outlook

Until Next RRT meeting 2-3 Nov.
2022

Federal, state, and local Planning and Coordination Efforts		
Description	Location	Dates
OSC monthly meetings	Dallas, TX	1 st Monday
IMT Hurricane Exercise	Dallas, TX	June 16, 2022
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
Tribal Response Workshop	TBD	TBD
Poison Control Workshop	TBD	TBD

U.S. Coast Guard (USCG)



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

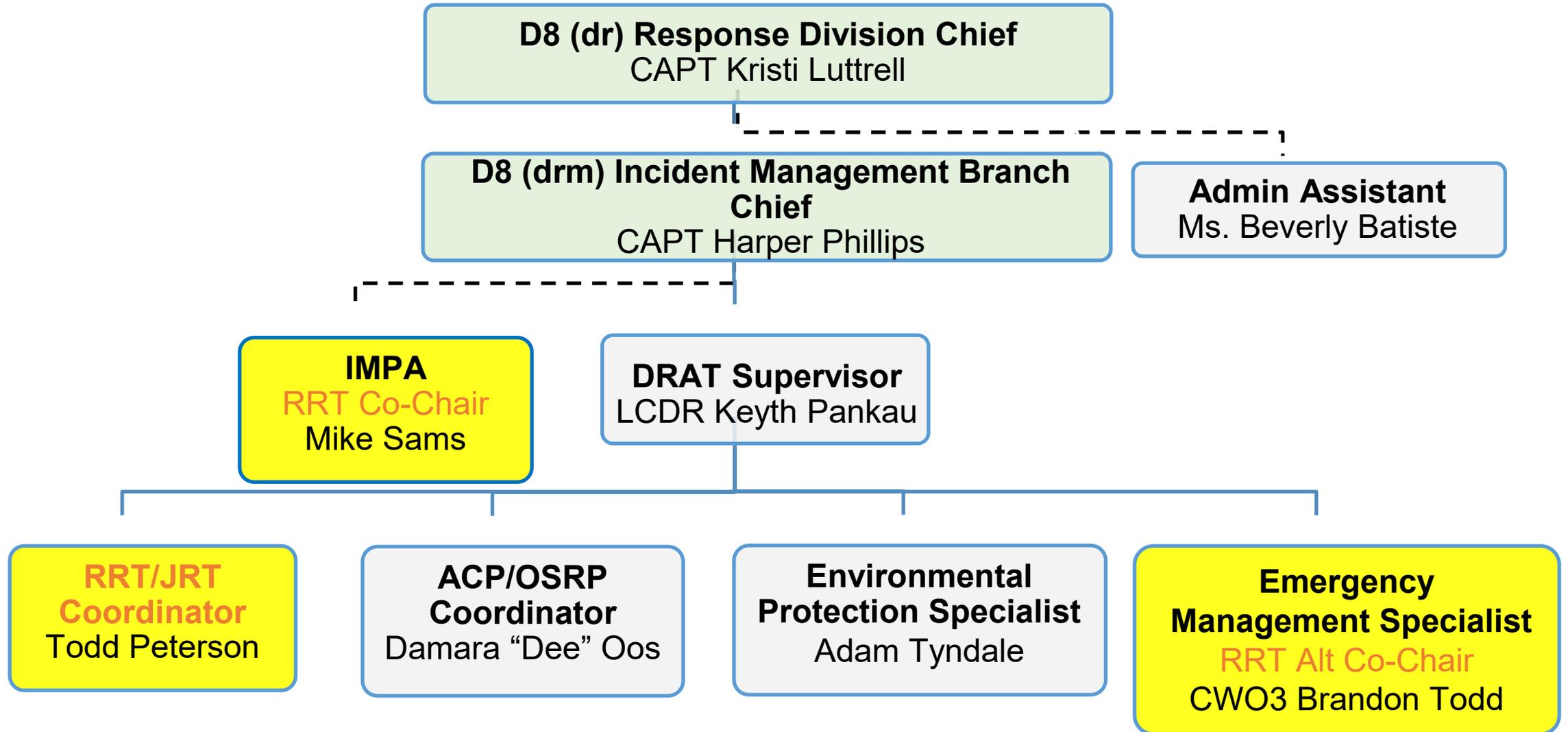


Overview

- Preparedness
- Coastal Area Contingency Plan Conversion / Update
- 2022 Hurricane Season Preparations
- Environmental Consultations



D8 (drm) Incident Management Branch





Laws/Regulations/Policies

- **CG Headquarters:**
 - CG Marine Environmental Response Manual Update Pends
 - Incident Management Handbook Revision is Underway (~ Jan 2024 target)
 - Updated After Action Report Instruction is in Concurrent Clearance
- **CGD 8:**
 - Environmental Consultations
 - Fish and Wildlife and Sensitive Environments Plan
 - FY22 Pollution Policy published in the D8 Operational Planning Direction; will be revised annually



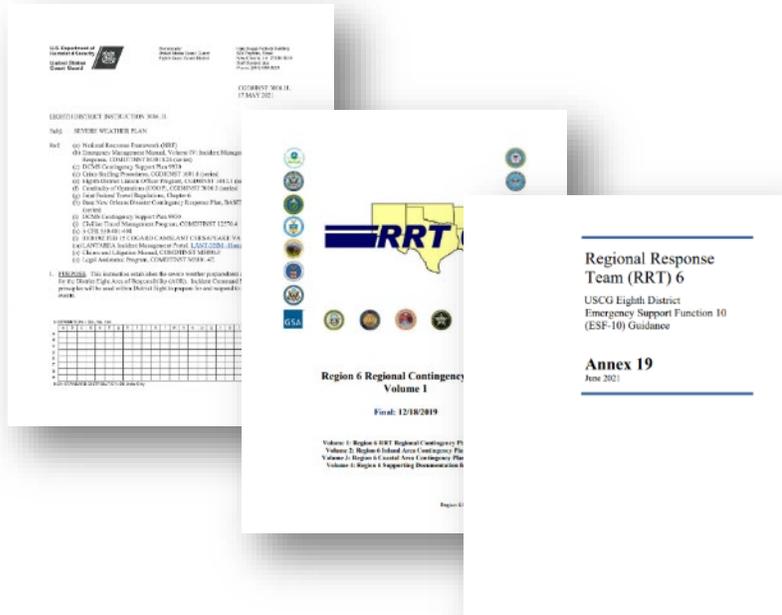
Hurricane Preparedness and Response

Preseason	Pre-Storm	Post Landfall
Review / Update Severe Weather Plans	Pre-Stage Equipment and personnel	ESF-10 MA or OSLTF and CERCLA?
Update Contact Information	Stakeholder Conference calls	Communicate – conference calls “Early and Often”
Participate in Drills and Exercises - NDOW	Port Assessments (Vehicle and Aircraft)	Port Assessments (Vehicle and Aircraft)
Participate in Hurricane Planning Conferences	Expectation Management	Mobilize personnel and equipment
Review the Mission Assignment Process (pre-scripted)	Common Operating Picture (COP)	NPFC – Funding
ICS Training	Response Organization	Pollution Targets – tracking and resolution
Remove Abandoned / Derelict vessels	Staff State, parish and county EOC	Staging Areas



Hurricane Preparedness and Response

Preseason



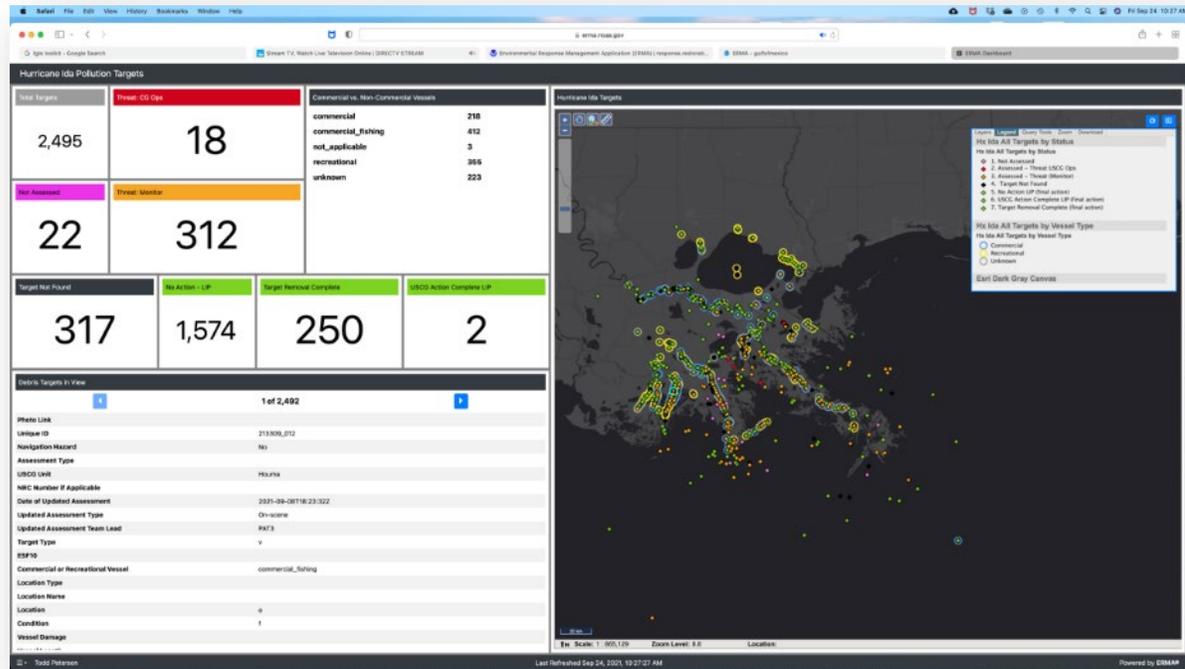
- Review / Update Severe Weather Plans
- Develop / Distribute Annual Expectation Message
- Review Pre-Scripted Mission Assignments
- Review RCP
 - Annex 19, Natural Disaster Pollution Response Guidance for the Coastal Zone
- Review ACP
 - Update Contact Information (Annex 2)
- Participate in Hurricane Planning Meetings
- Participate in Training and Exercises –
 - NDOW (in TX)
 - ICS Training
- Common Assessment Reporting Tool (CART)
 - Update Essential Elements of Information (EIs)

Department	Organization	First Name	Last Name	Title	Address	State	Email	Work	24 Hours	Cell
Mar	Texas Division of Emergency Management (TDEM)	Conner	Appel	Director of Operations (Emergency)		TX	conner.appel@dem.texas.gov	409.764.2411		
Mar	Texas Department of Transportation (TxDOT) - Houston District	Mark	Strombely	District Engineer	14000 Katy Freeway, Suite 1000, Houston, TX 77058	TX	mark.strombely@txdot.gov	281.919.8800		
T&M	Texas Department of Transportation (TxDOT) - Dallas District	Stefan	Edley	District Engineer	11000 Preston Road, Dallas, TX 75242	TX	stefan.edley@txdot.gov	972.225.8774		
Mar	Texas Department of Public Safety (Texas Department of Transportation) (TxDOT)	Erin	Kelley	Assistant District Engineer		TX	erinkelley@txdot.gov	972.225.8774	409.764.2411	409.764.2411
Mar	Texas Department of Public Safety (Texas Department of Transportation) (TxDOT)	Michelle	Wells	Assistant District Engineer	10000 Katy Freeway, Suite 1000, Houston, TX 77058	TX	michelle.wells@txdot.gov	281.919.8800	281.919.8800	281.919.8800
Mar	U.S. Department of the Interior (DOI) - U.S. Fish & Wildlife Service (USFWS)	Cheryl	Evans	Wildlife Specialist	1400 Katy Freeway, Suite 1000, Houston, TX 77058	TX	cheryl.evans@usfws.gov	281.919.8800	281.919.8800	281.919.8800
Mar	U.S. Department of the Interior (DOI) - U.S. Fish & Wildlife Service (USFWS)	Michael	Evans	Wildlife Specialist	1400 Katy Freeway, Suite 1000, Houston, TX 77058	TX	michael.evans@usfws.gov	281.919.8800	281.919.8800	281.919.8800



Hurricane Preparedness and Response

Pre-Storm



Common Operating Picture

Environmental Response Management Application (ERMA)

- Stakeholder Conference calls
 - Expectation Management
- Establish Area Command
 - Pre-Stage equipment and personnel
 - Emergency Preparedness Liaison Officers (EPLO)
- Response Organization
 - Pre-landfall Port Assessments (Vehicle and Aircraft)
 - Staff State, parish and county EOC



Hurricane Preparedness and Response

Post Storm



- Stakeholder Conference calls
- Mobilize personnel and equipment
 - Evaluate need to have Incident Specific FOSC or FOSCR
- Restoration of the Marine Transportation System:
 - Marine Transportation System Recovery Unit (MTSRU)
 - Port Assessments (Vehicle and Aircraft)
- Pollution Assessment and Mitigation
 - Potential Targets – tracking and resolution
 - Staging Areas
- Disaster Funding
 - OSLTF and/or CERCLA
 - ESF-10 MA



Accomplishments

Since last RRT meeting
4 Nov 2021

Federal, state, and local Planning and Coordination Efforts		
Description	Location	Dates
30 th Clean Gulf Conference	San Antonio, TX	16-18 Nov 2021
RRT-7 Meeting	Virtual	23 Mar 2022
6 th Annual Clean Waterways Conference	Pittsburgh, PA	5-7 Apr 2022
PREP Full-Scale Exercise	Sector Houston-Galveston	12-13 Apr 2022
RRT-8 Meeting	Virtual	13-14 Apr 2022
Hurricane TTX	D8 coastal units	20-21 Apr 2022
Hurricane Functional Exercise	Sector Houston-Galveston	26-28 Apr 2022
FEMA R6 Regional Interagency Steering Committee	Denton, TX	26-27 Apr 2022
RRT-5 Meeting	Dimondale, MI	27-28 Apr 2022



Outlook

Until Next RRT meeting
2-3 Nov 2022

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
RRT-7 Meeting	Virtual or in-person	21-22 Sep 2022
RRT-8 Meeting	Virtual or in-person	12-13 Oct 2022
RRT-4 Meeting	Virtual or in-person	TBD
Clean Gulf Conference	New Orleans, LA	8-10 Nov 2022

State Report Outs



RRT-6 Spring 2022 Meeting
May 5, 2022

State Report Outs

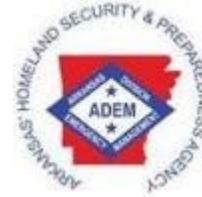


Arkansas

RRT-6 Spring 2022 Meeting
May 5, 2022



ARKANSAS
ENERGY & ENVIRONMENT



Role	RRT Member	Agency	Contact Info
Primary	Stephen Ratley	ADEE	ratley@adeq.state.ar.us 501-682-0716
Alternate	Vacant	ADEE	
Primary	Chris Foreman	ADEM	chris.foreman@adem.arkansas.gov 501-683-6752
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 completed
- E&E DHA/CISA Chemical and Water Sector Partnership Development
- E&E Energy Resources Mapping Project
- ADEM Training 30 EM Classes, 483 students - 2021
- ADEM Training 113 HazMat Classes, 1893 students - 2021
- ADEM Training 14 EM Classes, 235 students - YTD 2022
- ADEM Training 25 HazMat Classes, 398 students – YTD 2022
- Tier II Reporting 3,259 Facilities - Reporting Year 2021



Energy and Environment - DEQ

Incident Category	Total
Total # Incidents (Nov 4, 2021 – April 22, 2022)	173
# Referred to DEQ Regulatory Programs	17
Environmental Media/Program Impacted	Total
# Water	96
# Air	16
# Hazardous Waste	16
# Regulated Storage Tanks	3
# Solid Waste	0
# Multimedia	42



Outlook

Training

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

Exercises/Workshops

Description	Dates
ADEM Exercises	Multiple
Corporate Partner Exercises	Multiple

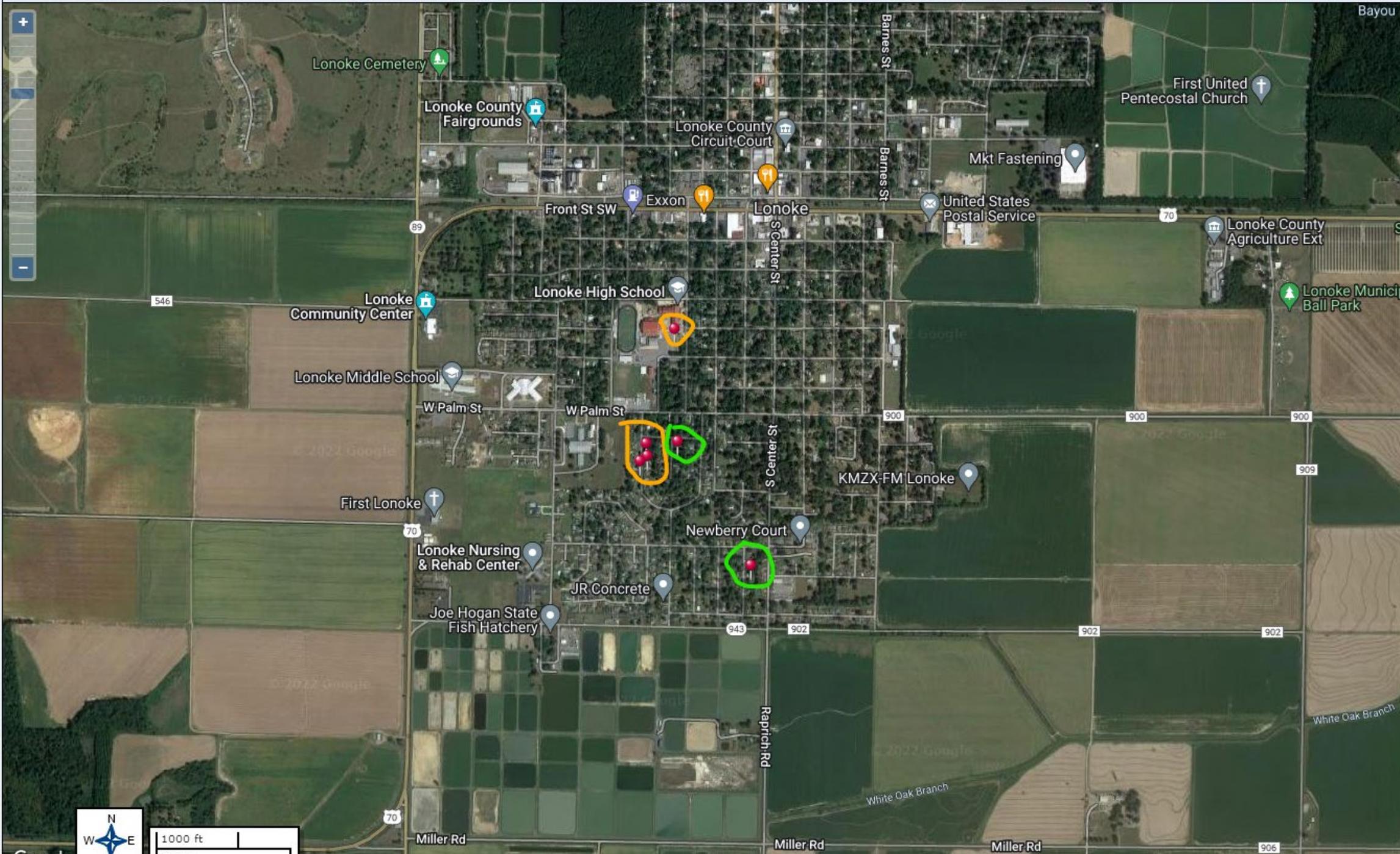
Fed/State/Local planning and coordination efforts

Description	Dates
Coordinated Debris Management for Trumann	Ongoing
Transportation Spill Guidance – Quick Reference Guide	Rollout Statewide



Oxygen Displacement in Lonoke, AR

Date	April 11, 2019; March 23 & 31, 2022
Overview	Following a heavy rain in April 2019, students were evacuated from a Lonoke school building due to low O ₂ levels. The 61 st Civil Support Team was called in to test. An EPA start team was also deployed. An unknown source of CO ₂ was found to be displacing the O ₂ at the school as well as two nearby homes. In March 2022, this occurred again at 2 homes when the residents complained of difficulty breathing. Both residences had low O ₂ and high levels of CO ₂ .
Major Challenges	Unknown source, Recurring event, Unknown impacted area
Key Operational Activities	Technical Support, Air Sampling
Agencies Involved	ADEE, ADEM, ADH, EPA, Lonoke County OEM
Major lessons learned	City lacks expertise regarding this environmental issue and lack of funds to hire environmental professionals to investigate. There is a need for more Community awareness and education about the issue and steps that can be taken to mitigate this issue.



Lonoke Cemetery

Lonoke County Fairgrounds

Lonoke County Circuit Court

First United Pentecostal Church

Mkt Fastening

United States Postal Service

Lonoke County Agriculture Ext

Lonoke Municipal Ball Park

Lonoke High School

Lonoke Community Center

Lonoke Middle School

W Palm St

W Palm St

S Center St

KMZ-FM Lonoke

First Lonoke

Newberry Court

Lonoke Nursing & Rehab Center

JR Concrete

Joe Hogan State Fish Hatchery

943

902

902

902

909

900

900

900

546

89

70

S Center St

Barnes St

Barnes St

Miller Rd

Miller Rd

Miller Rd

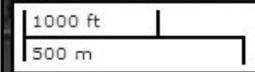
906

White Oak Branch

White Oak Branch

Raprich Rd

Google



State Report Outs



New Mexico

RRT-6 Spring 2022 Meeting
May 5, 2022

State Report Outs



Oklahoma

RRT-6 Spring 2022 Meeting
May 5, 2022



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
OSDH	RRT primary	Michael DeRemer	Rocky McElvany
OSDH	RRT alternate	Scott White	Scott Sproat



Ongoing Response

Oklahoma

Events:	October 2020 Ice Storm February 2021 Historic Winter Storm
Damage:	Debris - 177 total debris sites registered Facility damage - 1 Air, 255 PWS, 30 POTW
Ongoing Issues:	107 active debris sites 1 POTW still working on repairs



Icing & Damage – Oct '20



Historic Snowfall & Wind Chill – Feb '21



Metrics/Trends/Challenges

Oklahoma

Since the last meeting...

DEQ complaints

1,752

DEQ spills

112

DEQ fish kills

11

Referred complaints & spills

150



Buncombe Creek Marina – Kingston Tornado, March 2022



Accomplishments

Federal, State, and Local Planning and Coordination Efforts, Trainings, and Exercises/Workshops	
Description	Dates
Emergency Preparedness & Disaster Planning Training	November 17, 2021
Statewide WebEOC Drill	November 18, 2021
February 2021 Freeze Presentation	March 13, 2022
FEMA BRIC National Review Panel	March 21 – 25, 2022
OEMA Emergency Management Conference	March 29 – 31, 2022
FEMA RISC Meeting	April 26 – 28, 2022
OEM State Hazard Mitigation Meeting	April 28, 2022



Outlook

Federal, State, and Local Planning and Coordination Efforts, Training, and Exercises/Workshops	
Description	Dates
Regional Emergency Response Training	April – June 2022
Environmental Justice Training	May 2022
FEMA R6 Mitigation Workshop	June 12 – 14, 2022
OK Floodplain Managers Conference	August 31 – September 1, 2022
OK Public Safety Conference	October 3 – 5, 2022

State Report Outs



Texas

State Report Outs



TCEQ

RRT-6 Spring 2022 Meeting



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



Executive Summary

Texas

Challenges-	Hybrid return to work schedule Keeping experienced People
Lessons Learned-	Continue to improvise and adapt Its good to be back in person
Best Practices-	Keep in touch with your Local, State, and Federal partners



Corpus Christi Methanol Spill

Texas



Date:	April 28, 2022
Type and amount of product spilled:	98% Methanol approx 50,000
Cause of spill:	Unknown pipe line release
Key operational activities:	RP is trying to recover liquid product but it has been a challenge
Agencies Involved:	TCEQ, TDEM, TPWD, UP, CCFD, AND Refinery Fire Company
Major lessons learned:	High Hazard product recovery issues





Goldsmith H2S Project

Texas



Date:	Ongoing
Type and amount of product spilled:	Hydrogen Sulfide (H2S)
Cause of spill:	Unknown source release H2S in the vicinity of the TCEQ Goldsmith Monitoring Station samples exceeding 80ppb beginning November 2021.
Key operational activities:	Air monitoring and Regulatory Oversight
Agencies Involved:	TCEQ and RRC
Major lessons learned:	Trying to locate a specific source releasing H2S in a 2 mile area which consists of 7000+ wells can be challenging





Metrics/Trends/Challenges

Texas



2021	80,136 Tier 2 reports
2021	33 of them being Agriculture Ammonium Nitrate
2022	80,170
2022	27 of them being Agriculture Ammonium Nitrate



Accomplishments

Texas



Unmanned Aerial Systems (UAS)

TCEQ has started operational flights in the Central Texas Area as part of a pilot program to expand to the other areas.





Accomplishments

Texas



Texas NDOW Exercise





Outlook

Texas



Training/Conferences

TCEQ Trade Fair

May 10-11

TDEM Conference

May 31-Jun 3

HOTZONE Conference

Oct TBD



Outlook

Texas



Questions?



State Report Outs



Railroad Commission of Texas

RRT-6 Spring 2022 Meeting
May 5, 2022



Role	RRT Member	Agency	Contact Info
Primary	Peter Pope	Railroad Commission of Texas	512-463-8202 peter.pope@rrc.texas.gov
Alternate	Kent L. Stallings	Railroad Commission of Texas	512-463-6755 kent.stallings@rrc.texas.gov
Alternate	Melissa LaSalle	Railroad Commission of Texas	512-463-6799 melissa.lasalle@rrc.texas.gov

Overview

- Organization updates,
- Legislative update,
- Emergency cleanup examples,
- Summary statistics for well plugging and site cleanup.



Agency Organization

No updates

Laws/Regulations/Policies

SB 3 (87th Texas Legislature 2021)

January 2022 : Mapping Report - Texas Electricity Supply Chain Security and Mapping Committee.

- PUC, RRC, TDEM and ERCOT.
- Provides overview of the Committees' findings regarding mapping the electricity supply chain, recommends communication system for infrastructure sources to ensure prioritization during extreme weather events; and lists best practices, oversight and compliance standards to prepare facilities to maintain services during extreme weather events.
- Details at:
https://puc.texas.gov/agency/resources/reports/mapping/2021_Mapping_Agency_Report.pdf

Laws/Regulations/Policies

SB 3 (87th Texas Legislature 2021) cont.

As of January 19, 2022, RRC inspectors had inspected 3,800 natural gas facilities representing oil and gas leases with nearly 22,000 active wells, and more than 350 pipelines transporting natural gas. About 98% of the facilities visited had been winterized, while the remaining 2% or so were in progress.

As of Feb 10, 2022: 238 companies filed forms to designate 38,471 assets as critical; 41 companies filed forms for exemption.

April 12, 2022 Rule Amendment – Curtailment: Amendments to 16 TAC 7.455, Prioritizes delivery of natural gas during emergency for contracted deliveries: 1st - Human needs and local distribution, 2nd electric generation, five (5) more. See:

<https://www.rrc.state.tx.us/news/041222-curtailment-rule/>

Laws/Regulations/Policies

Infrastructure Investment and Jobs Act

- On January 31, 2022, the US DOI announced grant funding allocations for plugging and cleanup of orphaned well sites from the Bipartisan Infrastructure Law.
- Approx. \$344M for well plugging and cleanup over five years.
- Cleanup funding limited to well site (routine) cleanups.
- Off-shore and bay well plugging funding opportunity.
- Presently preparing work plans.
- No definitive plans as of yet.

Metrics/Trends/Challenges

Texas



FY 22 Oilfield Cleanup Program Work Plan

Plugging

Goal - 1,000 plugged wells

Performance – 868 as of 4/28/2022

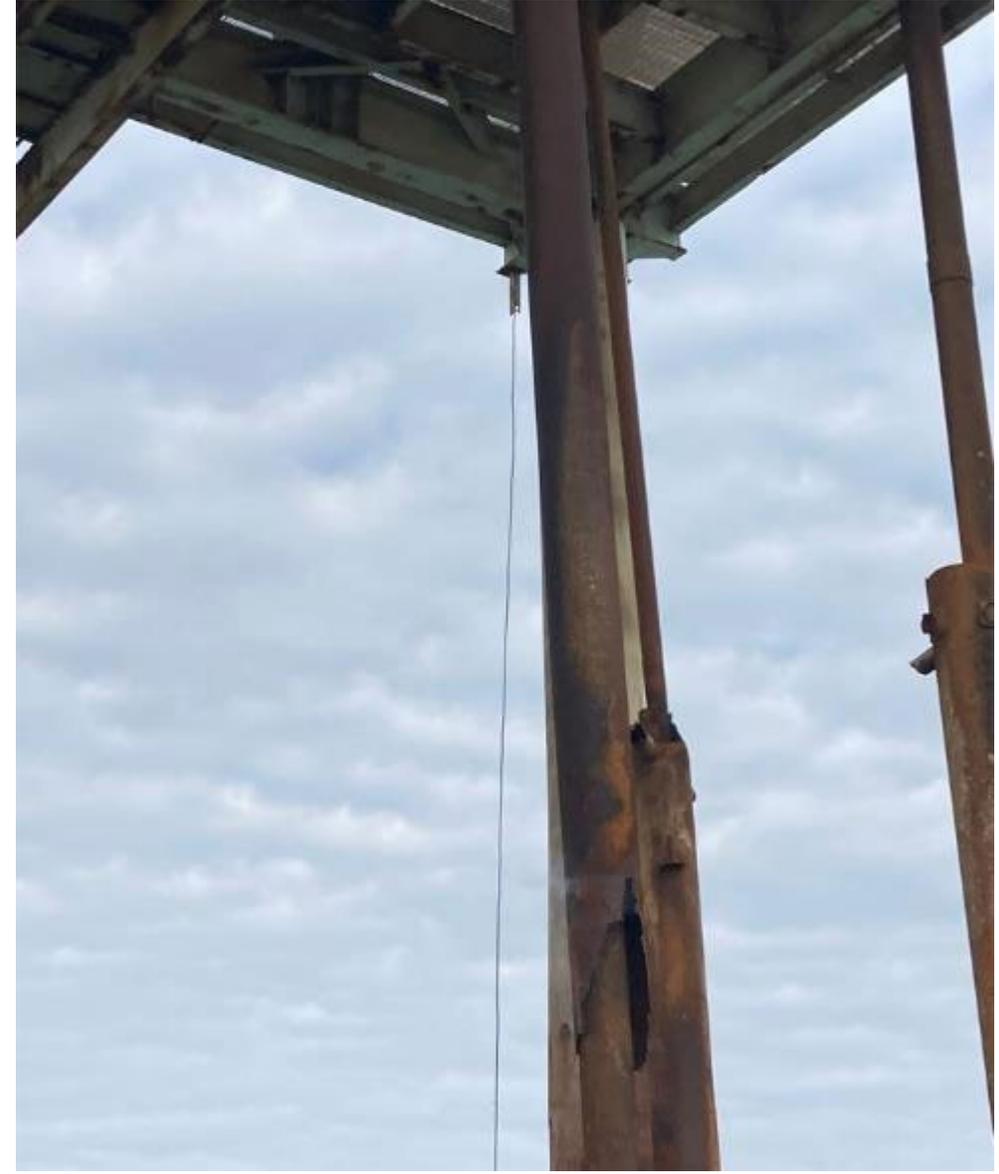
Cleanup

Goal - 200 completed activities

Performance – 150 as of 5/2/2022

FY 22 is Sept 1, 2021 through August 31, 2022

Vtex Energy ST 818L Well #F1 Offshore Gulf of Mexico – Kleberg County



Vtex Energy ST 818L Well #F1 Offshore Gulf of Mexico – Kleberg County

Date:	March 2, 2022
Type and amount of product spilled:	Gas and hydrocarbon liquids, spray and sheen approx. 500 yards length.
Cause of spill:	Orphaned well. Initially observed holes in the conductor pipe and casing pipe. Subsequent leakage was observed from a needle valve on the well head.
Key operational activities:	GLO boat transport for inspection; secure liftboat services; secure contractor to assess and secure well under emergency contract.
Agencies Involved:	RRC, GLO, USCG
Major lessons learned/Challenges:	Challenges – liftboat services not readily available, high cost estimates warranted competitive pricing, weather conditions. April 28, 2022, the liftboat was on site, leakage still active. April 29, 2022, needle valve repaired, working on corroded casing.



State Report Outs



Texas General Land Office



Texas General Land Office Oil Spill Prevention and Response

Role	RRT Member	Agency	Contact Info
Primary	Jimmy A. Martinez	TGLO	512-475-1575 Jimmy.a.Martinez@glo.Texas.gov
Alternate	Brent Koza	TGLO	361-438-4928 Brent.koza@glo.Texas.gov
Primary			Phone Email
Alternate			Phone Email



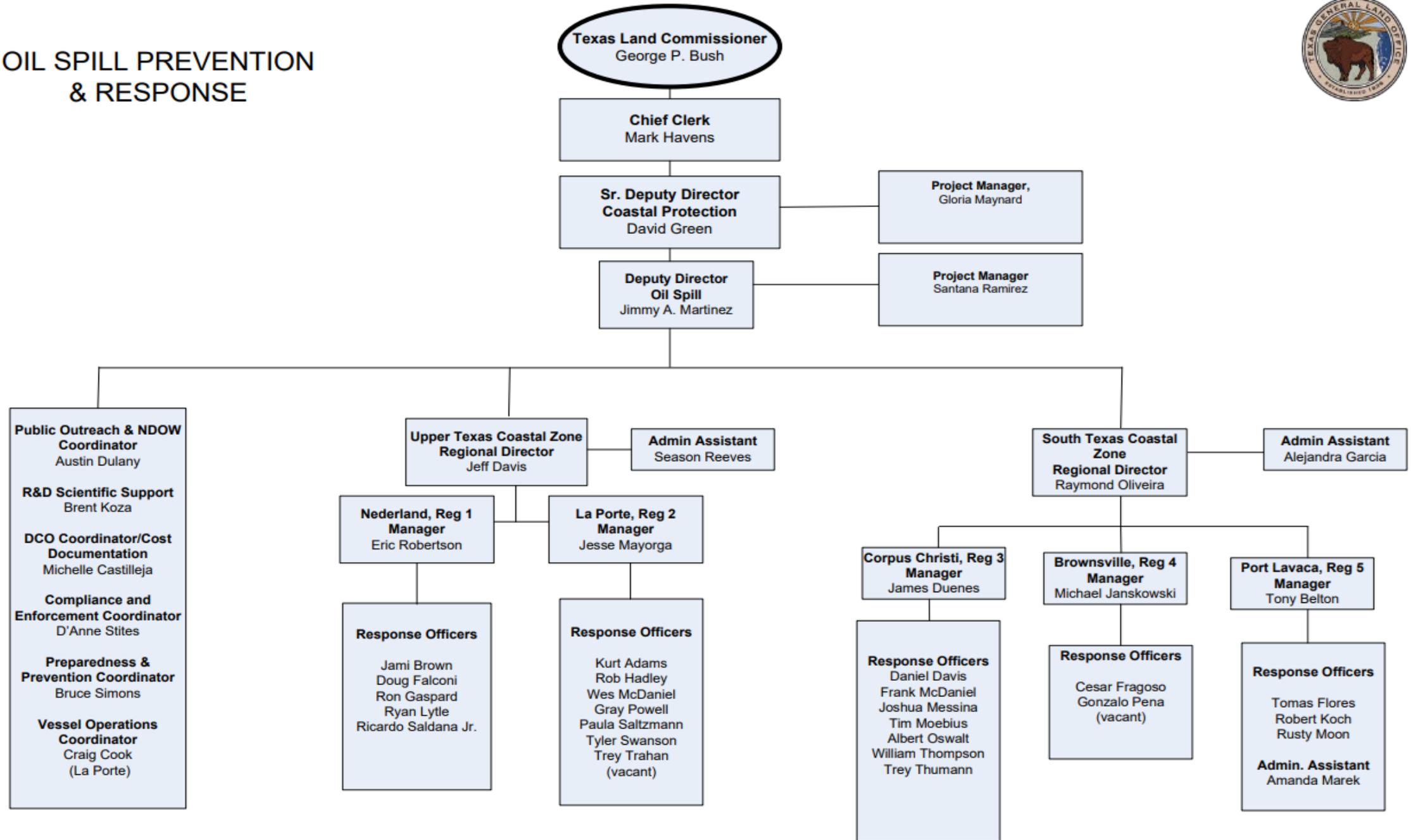
Overview – TGLO Oil Spill Program September 2021 to March 2022

- Spill response and compliance efforts are gradually returning to normal operations as local pandemic regulations are modified. Oil Spill staff maintain a safety-first posture and flexibility when working with the Oil Spill regulated community.
- Spills continue to receive a physical response unless conditions are determined unsafe; however, staff do not board foreign flagged ships.
- The General Land Office returned to office on October 11, 2021. Office personnel began working three days in office and two days teleworking on April 4, 2022.
- The Oil Spill division continues to address staff changes from retirements.
- New Vessel Turn In Program (VTIP) events are underway to continue removing derelict vessels from coastal county areas. The program continues to improve derelict vessel removal operations.





OIL SPILL PREVENTION & RESPONSE



Spill Data

Sept. 1, 2021-Feb. 28, 2022

On Site Responses	277
Spill Found	194
Threat	37
No Spill Found	44
Non-Jurisdiction by GLO	32
Spill Sources	
Facility	47
Vessel	89
Unknown	70
Other	17

Spill Locations/County	
Aransas	19
Brazoria	6
Calhoun	5
Cameron	18
Chambers	5
Galveston	59
Harris	54
Jefferson	51
Kenedy	1
Kleberg	0
Matagorda	4
Nueces	62
Orange	9
San Patricio	11
Willacy	1



Spill Prevention Activities

Sept. 1, 2021-Feb. 28, 2022



Activity	2021	2022
Facility Inspections/Audits	368	394
Vessel Inspections	704	906
Patrols	1,010	967
Certified Facilities	531	526



Oil Spill Prevention and Response Division Key Staff Changes



- **Raymond Oliveira**
South Texas Coastal Zone Director (Brent Koza)
- **Jeffrey Davis**
Upper Texas Coastal Zone Director (Craig Kartye)
- **Jesse Mayorga**
LaPorte (Region 2) Office Manager (Jeffrey Davis)
- **James Duenes**
Corpus Christi (Region 3) Office Manager (Brent Koza)
- **Michael Janskowski**
Brownsville (Region 4) Office Manager (Raymond Oliveira)
- **Brent Koza**
State Scientific Support & Research and Development Coordinator (Steve Buschang)
- **Bruce Simons**



Laws/Regulations/Policies



Oil Spill Prevention and Response UAV (Drone) Program Enhancements

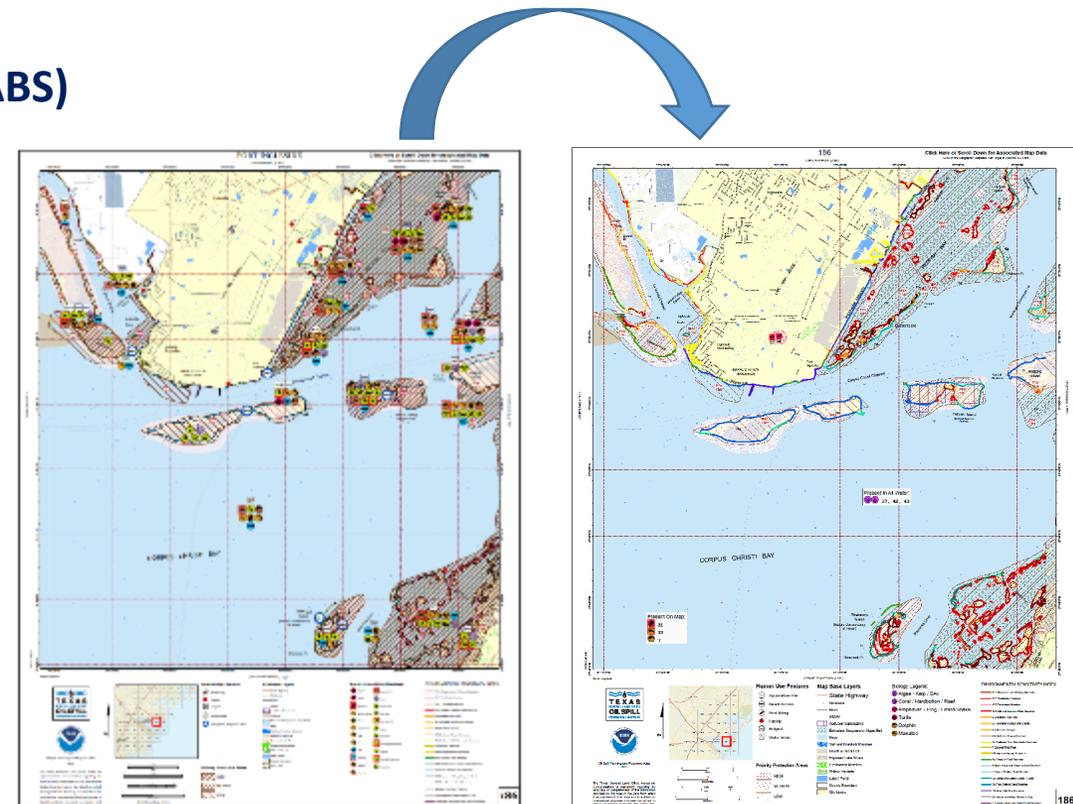
- The Oil Spill program is seeking its own licensure status to expand use of the program's drone fleet to aid in spill and disaster planning and response.
- Each regional office has licensed, certified fliers to conduct spill assessments and operate the program's UAVs for situations where a possible spill source is inaccessible by vehicle or motorized travel would prove harmful to the environment.
- Expanded UAV use is intended to reduce need for expensive overflights for spill and storm damage rapid assessments.
- Oil Spill personnel serve in a leadership capacity for ensuring all agency staff using UAVs are properly trained with appropriate credentials under the agency's UAV agreements.





Scientific Support/ Research & Development

- The Oil Spill program is redesigning the Oil Spill Toolkit.
- The continuing effort to update the remainder of the Toolkit's Environmental Sensitivity Index (ESI) layers and develop the ESI mapping production tool will improve the user's mapping abilities.
- Upgrades to the Texas Automated Buoy System (TABS) will result in more consistent, near real-time environmental data for response modeling.
- Advancing operational tools to support severe weather response and recovery strategies is an Oil Spill program objective.





R&D Funded Research – FY 2022

- **Development of an Unmanned Surface Vehicle System for Oil Spill Detection and Characterization**
- **Quantifying Background Levels of Petroleum Hydrocarbons in Texas Bays**
- **Determination and Mapping of Background Oil Concentrations Along the Texas Coast**
- **Photo-enhanced Toxicity of Chemical Countermeasures and Oil Mixtures to Inform Oil Spill Response**
- **Connectivity: Evaluation of an Oil Spill Response System**
- **Characterization of the Persistence and Variability of the Texas Coastal Current**
- **Development of Oil-Specific Detection Capability to Differentiate Between Background and Newly Deposited Oils on the Texas Coast**

Texas General Land Office Severe Weather Response

Pre Season	Planning	Post Event
Review Agency Specific Incident and Objective Goals ESF Functions (2, 3, 6, 9, 10, 16) & Lines of Effort	Determine SOC and Agency Storm Team activation, virtual or in person	Establish staff personal safety and property conditions
Update Coastal Field Offices (5) and CDR Crisis Communications Plans	Establish event readiness with response partners (USCG, TCEQ, NDOW, DDC, local) including communications & response equip.	Initiate communication and media strategies
Establish State Office of Communications Team (SOC)	Establish event readiness with regulated community	Conduct initial impact assessments via land & aircraft for GLO assets
Update Agency Severe Storm and Hurricane Plan	Monitor and pre assess as landfall area is determined	Initiate emergency rulemaking if necessary
Establish Staging Area MOUs & Debris Removal Contacts	Secure agency assets, incl. field office, response & communication equip	Coordinate with response partners and local gov according to mission
Participate in and evaluate SOC Hurricane Preparation Exercise	Pre position response equipment and fuel in designated safe areas	Upon re-entry, conduct debris and pollution impact assessments
Conduct All Agency Severe Storm Tabletop Exercise	Secure evacuation plans and communication strategies for coastal field employees	Establish debris removal priorities & Initiate contractor agreements



Accomplishments



Federal, State and Local Planning and Coordination Efforts

Description	Location	Dates
GIUE – Interlube	Brownsville, TX	11/12/2021
GIUE – Gates Fuel Service	Freeport, TX	12/6/2021
GIUE – VLS Marine Services	Port Arthur, TX	12/8/2021
South Texas Waterways Advisory Marine Firefighting Committee Stakeholder Meeting	Corpus Christi, TX	1/13/2022
NDOW Communications Exercise	Garner State Park – Concan, TX	Feb. 7-11, 2022
Oiled Wildlife Training Workshop	Corpus Christi, TX	2/25/2022
GIUE – Texas City Crude Oil Terminal (Genesis)	Texas City, TX	3/1/2022
National Spill Control School Training	Corpus Christi, TX	March 12-14, 2022
WCD Tabletop Exercise – Kinder Morgan	Galena Park, TX	3/23/2022
Corpus Christi Port Security Workgroup	Corpus Christi, TX	3/29/2022
USCG Prep Exercise	Baytown, TX	April 11-13, 2022
WCD Tabletop Exercise – Kinder Morgan Pipeline	Rosenberg, TX	4/13/2022
Pollution Responder College	Corpus Christi, TX	April 19-21, 2022



Outlook



Federal, State, and Local Planning and Coordination Efforts

Description	Location	Dates
Corpus Christi LEPC, Coastal Plains LEPC, STW Adv. Committee, Marine Firefighting Tabletop GRP Exercise Series	Corpus Christi, TX	5/12/2022
BHP Petroleum GOM IMT Exercise	Rosenburg, TX	4/13/2022
Clean Gulf Conference	New Orleans, LA	November 8-10, 2022



Questions

512-475-1575

Oilspills@glo.Texas.gov

State Report Outs



RRT-6 Spring 2022 Meeting
May 5, 2022

State Report Outs



Louisiana State Police

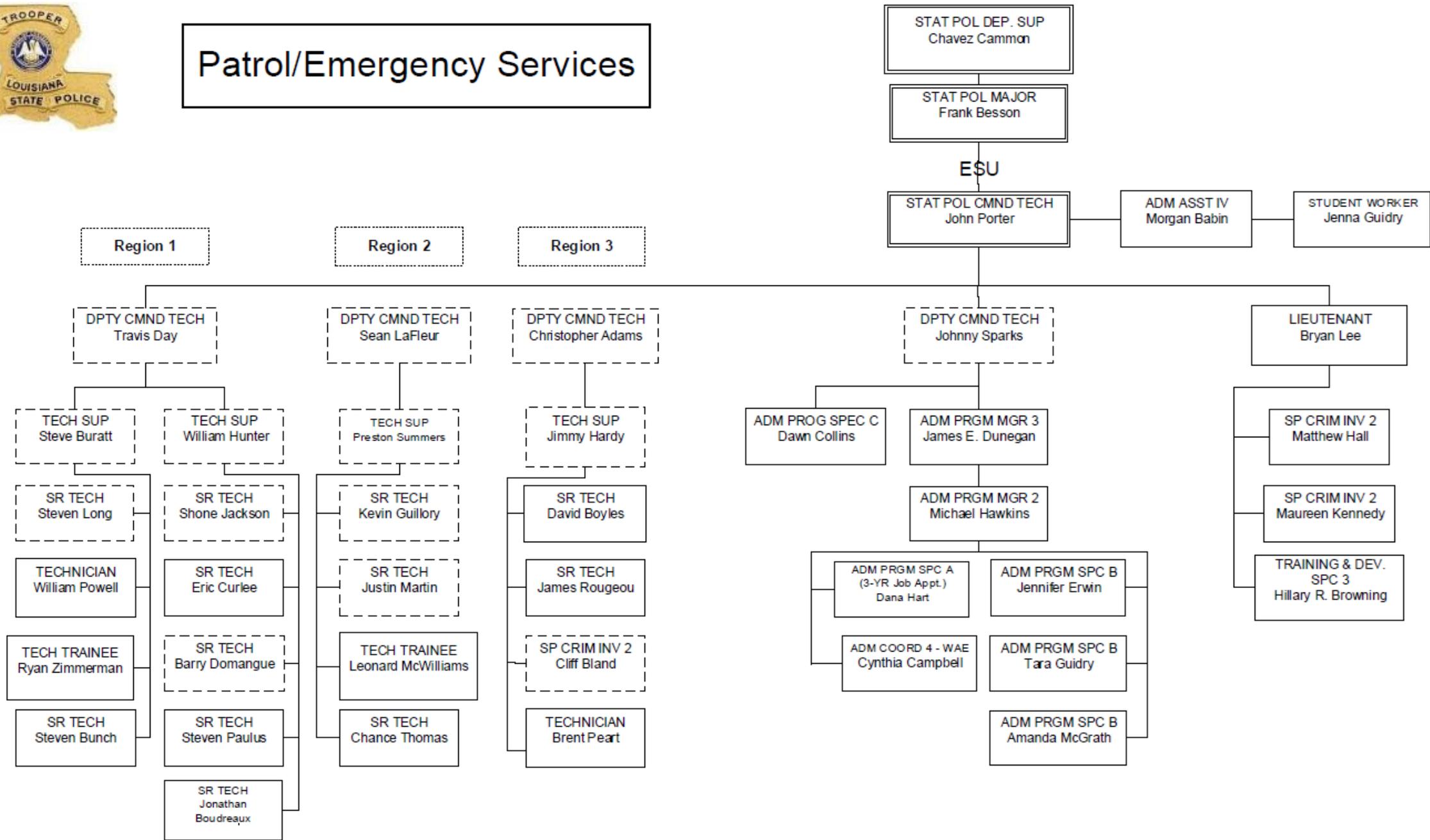
RRT-6 Spring 2022 Meeting
May 5, 2022



Role	RRT Member	Agency	Contact Info
Primary	Commander John Porter	Louisiana State Police	225-925-4893 Ext 241 john.porter@la.gov
Alternate	Deputy Commander Travis Day	Louisiana State Police	225-925-4893 Ext 238 travis.day@la.gov



Patrol/Emergency Services



[Dashed Box] = Bomb Tech also



Overview

- Pending Litigation
- Incidents Reported to Date
- Hurricane Preparedness
- HMEP Training
- Pending Retirements



Accomplishments

Since last RRT meeting

Federal, state, and local Planning and Coordination Efforts		
Description	Location	Dates
Securing the Cities Initiative	New Orleans, LA	04-1-2021- Present
Supporting of Stabilization Program	Louisiana, Arkansas, Mississippi, Florida	2016- Present
Transportation Security Unified Stakeholders Group	Statewide	2020-Present
Louisiana Emergency Response Commission	Statewide	2022-Present

State Report Outs



LDEQ

RRT-6 Spring 2022 Meeting
May 5, 2022



Role	RRT Member	Agency	Contact Information
Primary	Jeff Dauzat	LDEQ	Jeff.Dauzat@la.gov 225-219-2966
Alternate	Jerry Lang	LDEQ	Jerry.Lang@la.gov 225-219-3616
Alternate	Daniel Lambert	LDEQ	Daniel.Lambert@la.gov 225-219-3368
Alternate	Kevin Borne	LDEQ	Kevin.Borne@la.gov 225-219-3027
Alternate	Brad Schexnayder	LDEQ	Brad.Schexnayder@la.gov 225-219-3625

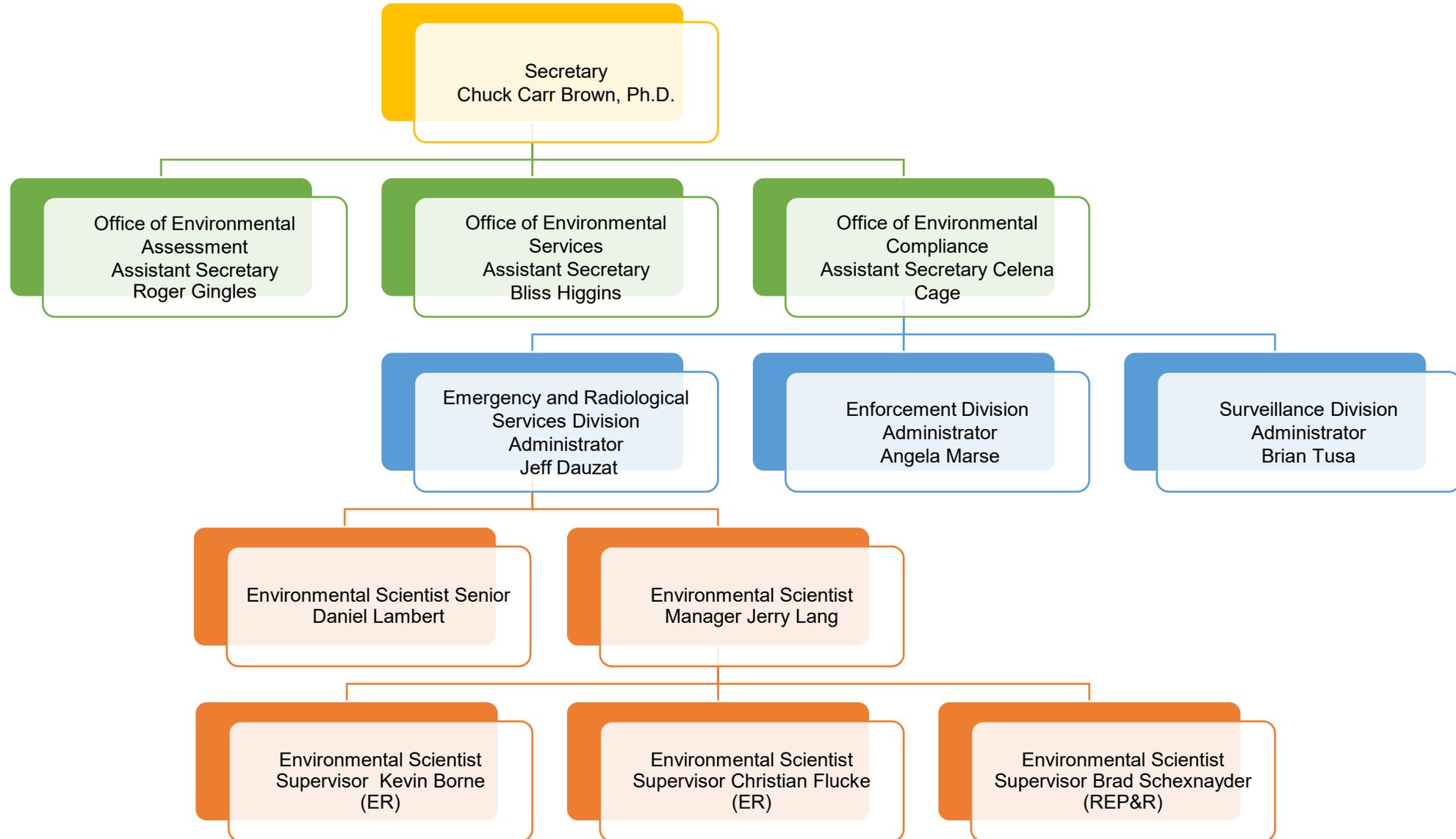


Mission Statement

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

- 2,617 Industry Notifications and Complaints processed by Single Point of Contact (November 1, 2021- April 20, 2022)
- 398 Emergency Responses from November 1st – April 20th.

- 12/27/2021 – Collins Pipeline Chalmette, LA - Diesel Release
- 1/16/2022 – Cottonport Monofill Cottonport, LA - Tire Fire
- 1/26/2022 – Eagle US 2 Westlake, LA - EDC Tank Explosion
- 4/18/2022 – Olin Manufacturing – Chlorine Release



Accomplishments

Since last RRT meeting

Federal, state, and local Planning and Coordination Efforts		
Description	Location	Dates
Evaluated MS-1 Drill with West Feliciana Hospital	West Feliciana Hospital	November 18, 2021
Evaluated Emergency Worker Monitoring and Decontamination Demonstration	Jackson Fire Department	November 18, 2021
Waterford 3 Biennial Evaluated Exercise	Multiple	March 15, 2022
Evaluated MS-1 Drill with Our Lady of the Lake Hospital	Our Lady of the Lake Hospital	March 16, 2022
Placid Refinery Site Visit	Port Allen Facility	March 29, 2022
Louisiana National Guard Exercise	LSP JESTC	April 6 & 7, 2022
Assistance with HAZMAT Technician Instruction	LSP JESTC	Multiple



Outlook

Until Next RRT meeting

Federal, state, and local Planning and Coordination Efforts		
Description	Location	Dates
Assistance with HAZMAT Technician Instruction	LSP JESTC	Multiple
Chappapeela Sports Park Reception Center Demo	Hammond, LA	May
Lafourche Ag Center Reception Center Demo	Raceland, LA	May
Alario Center Reception Center Demo	Westwego, LA	May
ExxonMobil Pipeline Drill	Baton Rouge, LA	June 9, 2022
Continued Staff Training and Development	Multiple	Multiple



Hurricane Preparedness and Response

Preseason	Pre-Storm	Post Storm
Review and Update LDEQ Natural Disaster and Catastrophic Event Response Plan	Pre-Stage Vehicles and Equipment	Perform Staff Accountability Assessments
Review and Update the Louisiana Parish Resource Book	Essential Personnel are Placed on Standby	Activate Incident Command and Right Size as Appropriate
Update Department Wide Contact Information	Stakeholder Conference calls (ESF-10, State, Parish)	Perform Overflights, Rapid Needs Assessments, Facility Assessments, Debris Oversight
Participate in the Rehearsal of Concepts Drill	Reserve State Aerial Assets for Post-Storm Overflights	Stakeholder Conference calls (ESF-10, State, Parish)
Meet with All Department Designated Incident Command Staff	Develop Initial Incident Action Plans	Provide Detailed Updates to Executive Staff and Governor's Office
Participate in Regional Hurricane Meetings	Assess Potential Final Regional Needs for Post Storm Activities	Modify Priorities as Needed

State Report Outs



LOSCO

RRT-6 Spring 2022 Meeting
May 5, 2022



Louisiana - LOSCO

- Personnel changes
- Hurricane Preparedness
- Planning Activities/Priorities
- RRT activations
- LOSCO Contact information



Louisiana - LOSCO

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

Preseason	Pre-Storm	Post Storm
Review / Update Emergency Operations Plan	ESF10 Partners Conference calls	Participate in Post Storm Assessments
Update Contact Information	Review LOSCO's Post Storm Response SOPs	De-conflict spill notifications
Review / Update Continuation of Operations Plan		Identify potential ESF10 Targets versus RP lead responses
Participate in Exercises, Training		Provide Response oversight and coordination as needed
Participate in Hurricane		



Accomplishments

Since Last RRT Meeting

Federal, state, and local Planning and Coordination Efforts		
Description	Name	Dates
Drill	BP Large Functional Exercise	11/09/21 – 11/10/21
	BSEE GIUE	Multiple
	BHP	12/09/21
	MSRC Equipment Deployment	03/31/22
	Rehearsal of Concepts (ROC)	05/04/22



Accomplishments

Since Last RRT Meeting

Federal, state, and local Planning and Coordination Efforts		
Description	Name	Dates
Meeting	LEPC coordination	Multiple
	LA Statewide Area Committee Executive Steering Group (LA SACESG)	01/26/22 04/20/22
	LA SACESG Adhoc - Training, Exercises, Lessons Learned Statewide Information Sharing	02/23/22
	SETX/SWLA Area Committee	03/30/22
	ESF 10 Pre-Season Call	04/21/22
	RRT-6 Meeting	05/05/22



Accomplishments

Since Last RRT Meeting

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
	Technical Document 3 (Offshore Response Concept of Operations)	n/a
	SCLA Area Contingency Plan (Base Plan)	n/a
	SCLA Area Contingency Plan (Annexes) Annex 7 – SHPO Engagement Annex 6.c - Decanting Policy Annex 1 Risk Analysis - Shoreline Cleanup Methods	n/a



Outlook

Until Next RRT meeting

Federal, state, and local Planning and Coordination Efforts		
Description	Location	Dates
Drill	Chevron	05/11/22 – 05/13/22
	MEXUS	05/18/22
	USCG SEC NOLA Rail TTX	06/14/22
	BP Large Functional Exercise	10/05/22 – 10/06/22
	LOOP	10/20/22
	BHP	11/03/22



Outlook

Until Next RRT meeting

Federal, state, and local Planning and Coordination Efforts		
Description	Location	Dates
Meeting	LA Statewide Area Committee	2023
	SELA Area Committee	05/25/22
	SCLA Area Committee	09/28/22
	LA Statewide Area Committee Executive Steering Group (LA SACESG)	08/03/22 10/26/22



Outlook

Until Next RRT meeting

Federal, state, and local Planning and Coordination Efforts		
Description	Location	Dates
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

- No RRT activations since last RRT Meeting 4 November 2021.



LOSCO Contact Information

Response Line

LOSCO's 24-hour Emergency Response Phone connects you directly to the on-duty LOSCO responder

(225) 200-1921

LOSCO Drill Coordinator

Katie Vidrine

Katie.Vidrine@la.gov

(225) 925-3730

Federal Report Outs



RRT-6 Spring 2022 Meeting
May 5, 2022

Region 6 Tribes

Federal Report Outs



NRC

RRT-6 Spring 2022 Meeting

May 5, 2022



Role	RRT Member	Agency	Contact Info
Primary	Nestor Makris	NRC	Phone: 817-200-1079 Email: nestor.makris@nrc.gov
Alternate	Brian Parks	NRC	Phone: 936-537-5953 Email: brian.parks@nrc.gov
Primary			Phone Email
Alternate			Phone Email



Overview

- Agency activated its new Incident Response process during Hurricane Ida last year
- Overall response and coordination with other agencies went very well
- Region IV is making annual preparations for the 2022 Atlantic hurricane season.



Accomplishments

Since last RRT meeting
14 Oct 2021

Federal, state, and local Planning and Coordination Efforts

Description	Location	Dates
Annual coordination calls with stakeholders for Gulf coast nuclear power plants	Teleconference	May 9-10, 2022



Hurricane Preparedness and Response

Preseason	Pre-Storm	Post Storm
Review / update severe weather plans	Stage and mobilize equipment and personnel as needed	Stakeholder conference calls
Update contact information	Status calls with stakeholders	Coordination with federal, local, and other stakeholders
Response training	Internal and external daily status reports	Site inspections/assessments
Participate in hurricane planning calls	Site preparation walkdowns/inspections	Demobilize personnel and equipment
	Staff response centers as needed	Deactivate response centers

Federal Report Outs



FEMA

RRT-6 Spring 2022 Meeting
May 5, 2022



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

- Preparation for 2022 Hurricane Season



FEMA

Response Division Organization

as of: 10/12/2021

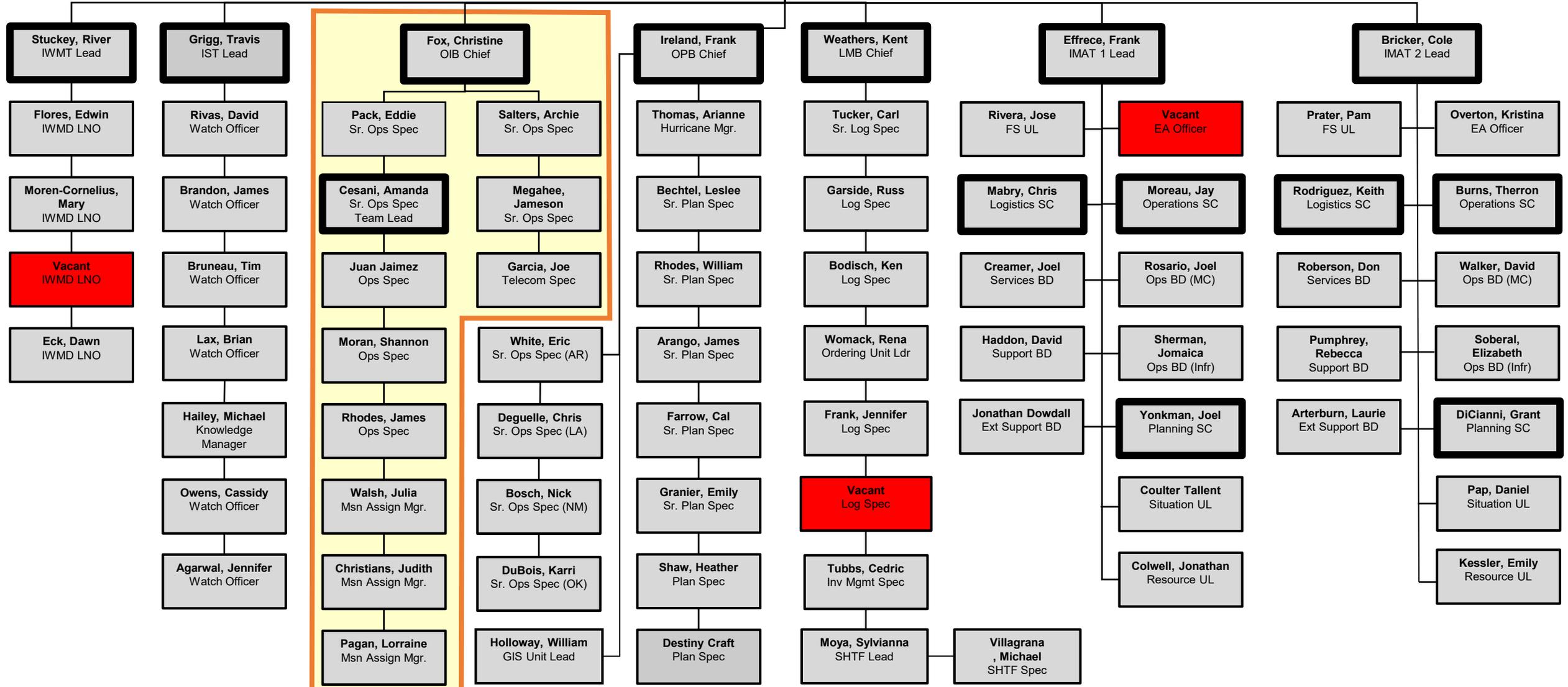
Oliver, Carmen
Program Support Asst

Rees, Melissa
Program Support Asst

Young, Lavern
Director

Bordelon, Denise
Deputy Director

Skiles, Hannah
Mgmt. Analyst



Legend

Vacant
TBD
TBD - Current Vacancy

Smith
TBD
TBD - Future Vacancy

Smith
TBD
TBD - Other

Smith
TBD
TBD - Supervisor



FEMA

Laws/Regulations/Policies

- **FEMA R6 RRCC Activations:** In person attendance is expected for R6 RRCC activations and will be specified on the OPORD.
- **Resource Request Forms & Mission Assignments:** Verbal approvals from the Ops Section Chief can authorize movement of personnel & assets until the RRF process is complete & MA has been signed by the FAO/Comptroller. *IFMIS Stamp is an internal FEMA Finance tool and has no regulation on MA finalization to our external partners (ESFs/OFAs).*



FEMA

Accomplishments

Since last RRT meeting

Federal, state, and local Planning and Coordination Efforts

Description	Location	Dates
FEMA R6 2022 Update of Winter Weather & Severe Weather Plans – Battle Books	Denton, TX	February
DOD and Interagency CBRN Conference	Washington DC	23-24 March
OEM Emergency Management Conference	Durant, OK	29-31 March
JTF-CS Terrain Walk	Fort Hood and Austin, TX	25-27 March
Texas LCAT	Austin, TX	19-21 April
Regional Interagency Steering Committee (RISC)	Denton, TX	26-28 April



FEMA

Outlook

Until Next RRT meeting

Federal, state, and local Planning and Coordination Efforts

Description	Location	Dates
Louisiana Hurricane ROC Drill	Baton Rouge, Louisiana	4 May
Texas State Emergency Management Conference	San Antonio, Texas	31 May- 3 June
Texas Search and Rescue Exercise	College Station, Texas	14-16 June
Texas Hurricane Exercise	Austin, Texas	14-16 June
RRCC Hurricane Exercise	Denton, Texas	7-8 June
Louisiana Terrain Walk	Baton Rouge/New Orleans, Louisiana	27-June 01 July

Federal Report Outs



CISA

RRT-6 Spring 2022 Meeting

May 5, 2022



Primary	U.S. DHS	Steven	Shedd	Steven.Shedd@cisa.dhs.gov
Alternate	U.S. DHS	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 (CHEMLOCK)
- Hurricane preparation and notifications to CFATS facilities to maintain security measures and communicate changes



Accomplishments



Since last RRT meeting

Federal, state, and local Planning and Coordination Efforts

Description	Location	Dates
NDOW FS Exercise	Houston	25 April to 29 April



Outlook

Until Next RRT meeting

Federal, state, and local Planning and Coordination Efforts

Description	Location	Dates
Regulated Facility Outreach Pre-Hurricane Season	Region 6	End of May 2022

Federal Report Outs



NOAA

RRT-6 Spring 2022 Meeting

May 5, 2022

Federal Report Outs



RRT-6 Spring 2022 Meeting
May 5, 2022

*U.S. Department of Labor
Occupational Safety and Health Administration (OSHA)*



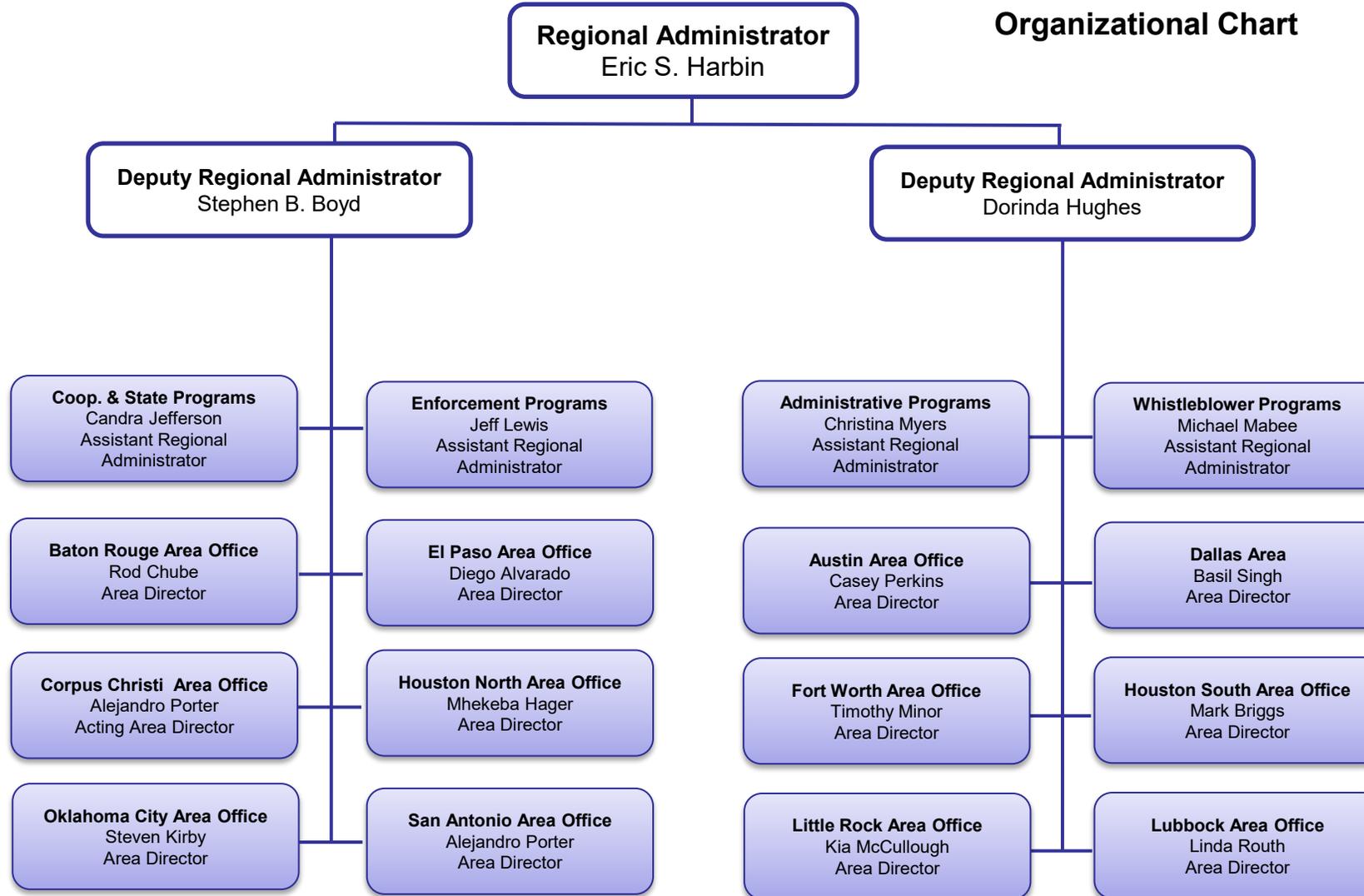
Role	RRT Member	Agency	Contact Info
Primary	James Nevers Emergency Response Coordinator	OSHA	nevers.james@dol.gov 225-337-8669
Alternate	Candra Jefferson, ARA Cooperative and State Programs	OSHA	jefferson.candra@dol.gov 972-850-4188

Overview

- Reviewing OSHA Region 6 Regional Emergency Management Plan (REMP)
- Reviewing Area Offices Continuity of Operation Plans (COOP)
- Updating Region 6 Regional Response Team (RRT)
- OSHA Heat NEP to recognize outdoor and indoor heat related hazards



OSHA REGION VI Organizational Chart





Laws/Regulations/Policies

- OSHA's role is to promote the safety and health of America's working men and women by:
 - Setting and enforcing standards
 - Providing training
 - Outreach and education
 - Establishing partnerships and alliances
 - Encouraging continual process improvement in occupational safety and health



Accomplishments

Since last RRT meeting

Federal, state, and local Planning and Coordination Efforts		
Description	Location	Dates
Developed OSHA Region 6 emergency response SharePoint	OSHA Region 6	October 2021
Developed QR codes to access OSHA publications	OSHA Region 6	November 2021
OSHA Region 6 participated in pilot program using the Occupational Safety and Health Response Application (OSHRA) to integrate intervention sheets electronically	OSHA Region 6	November 2021



Outlook

Until Next RRT meeting

Federal, state, and local Planning and Coordination Efforts		
Description	Location	Dates
Updating internal OSHA Region 6 SharePoint webpage to streamline emergency response activities for OSHA area offices.	OSHA Region 6	On Going
Plan to go live to Area Offices with emergency response SharePoint	OSHA Region 6	2022
Plan to evaluate OSHA publications on hand at Area Offices to assess for need	OSHA Region 6	2022
Develop relationships with FEMA and other groups in preparation of upcoming hurricane season	OSHA Region 6	2022

Federal Report Outs



Department of the Interior (DOI)

Spring 2022

DOI Contacts



Role	RRT Member	Agency	Contact Info
Acting Primary	Courtney Hoover	DOI-OEPC	(303) 478-3373 Courtney_Hoover@ios.doi.gov
Alternate	Glenn Schroeder	DOI-OEPC	(720) 402-8357 Glenn_Schroeder@ios.doi.gov

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	Jonathan Fisher	jonathan_fisher@fws.gov
FWS-NM, AR	Spill Response/ESA	Lynn Wellman Melvin Tobin Steve Alexander	lynn_wellman@fws.gov melvin_tobin@fws.gov steven_alexander@fws.gov (AR)

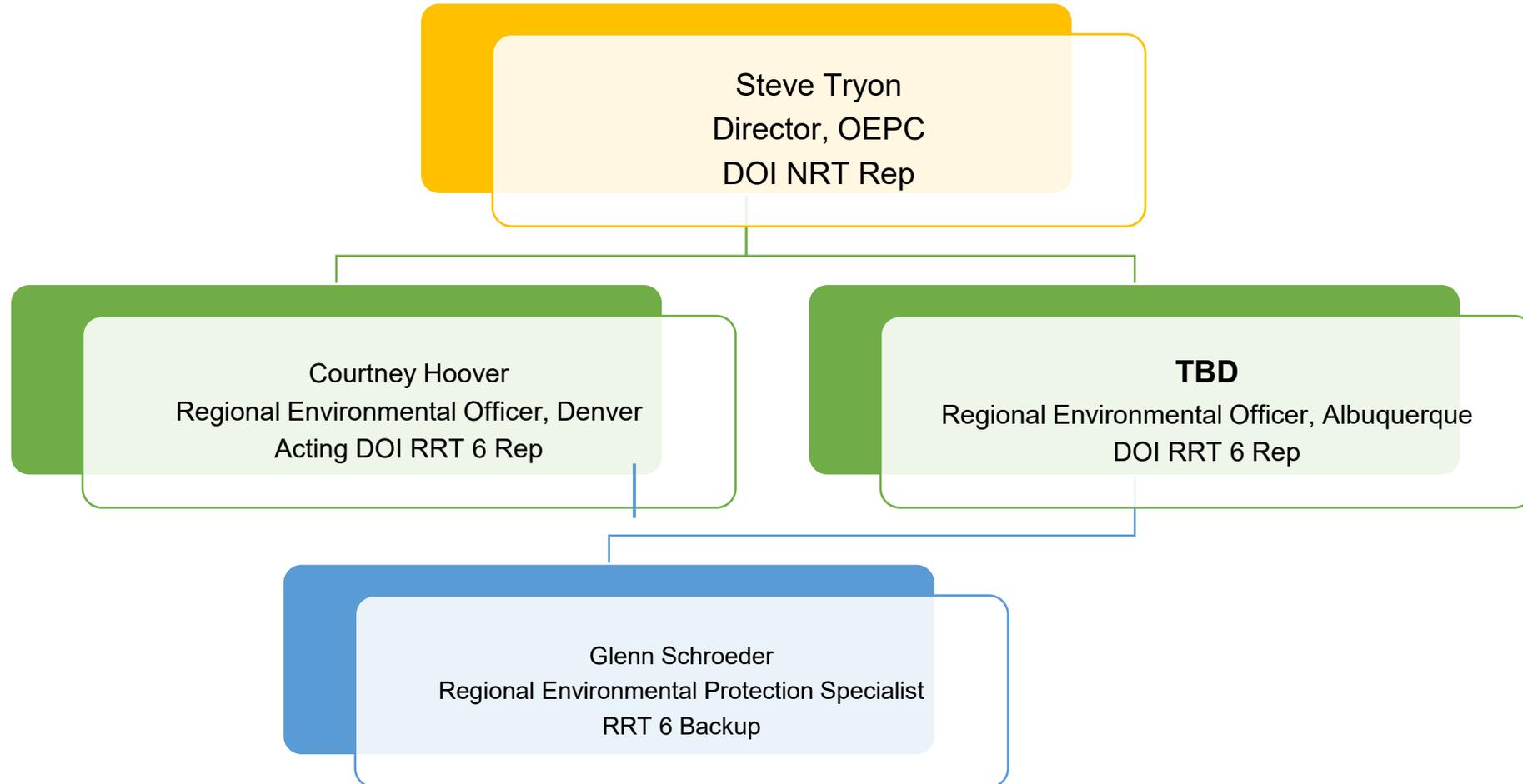
DOI Bureau Contacts



FWS-LA SE	LA Oil & Gas, SE Refuges	Jimmy Laurent Chelsea Stringfield	jimmy_laurent@fws.gov chelsea_stringfield@fws.gov
FWS-LA SW	LA Oil & Gas Specialist, SW Refuges	Patrice Betz	patrice_betz@fws.gov
FWS-LA ESA	LA- Endangered Species	Amy Trahan	Amy_trahan@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





Overview

- Retirement of DOI Rep Susan King 😞
 - REO position expected to be filled in summer
 - Until then, DOI staff from Denver (RRTs 7 & 8) Acting- Courtney Hoover Primary and Glenn Schroeder, Alternate
 - There will be **no** change in continuity or coverage from DOI
- Launch of the Energy Community Revitalization Program (ECRP)
 - ECRP provides States and Tribes grants to address orphan oil & gas wells on State, private and tribal lands while providing job opportunities
- Continued engagement in Area Committees from relevant bureau staff

Metrics/Trends/Challenges



Bureau of Safety and Environmental Enforcement (BSEE)

News:

- New BSEE Director: Kevin M. Sligh, Jr.
- New GOM Regional Director: Bryan Domangue

Stats:

- 91 Oil Spill Response Plans submitted and reviewed
- 6 Government Initiated Unannounced Exercises (GIUEs)
- 15 Equipment preparedness verification inspections (depots)
- 26 Functional or Full-scale exercises evaluated

OEPC Albuquerque

- Over 2,200 NRC notifications reviewed
- Over 111 notifications distributed to DOI Bureau staff

Accomplishments & Outlook



Training

Description	Dates
DOI Inland Oil Spills course – Denver	May 09-13, 2022
Historic Properties Specialist Training	NoCal: June 22-24 Denver: TBD

Exercises/Workshops

Description	Dates
SSDI exercises	Spring 2022
Natural Resources Damage Assessment & Restoration Seminars	Ongoing

Fed/State/Local planning and coordination efforts

Description	Dates
Fish, Wildlife and Sensitive Environments Plan Working Group	May 2020 - continuing
BSEE Offshore Response Information for Area Contingency Plans	FY2020 – FY2023
Historic Preservation Working Group, National Response Team, developing national guidance for Spill Response Prog. Agreement	Release date TBD

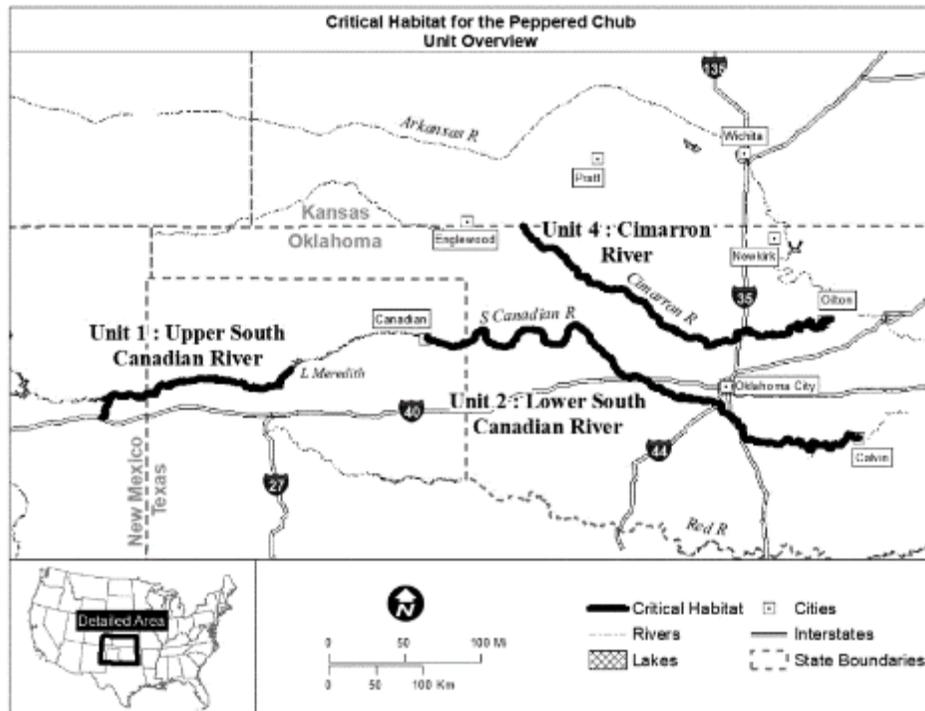
Laws & Regs: Endangered Species Act



- **No** new threatened or endangered species listings for AR since last RRT
- The alligator snapping turtle and pearl river map turtle have been proposed as threatened in LA
- Peppered Chub (*Macrhybopsis tetranema*)- listing as endangered and critical habitat designation on Feb. 28, 2022
 - Portions of NM, TX, and OK covered by critical habitat



A group of Peppered Chubs

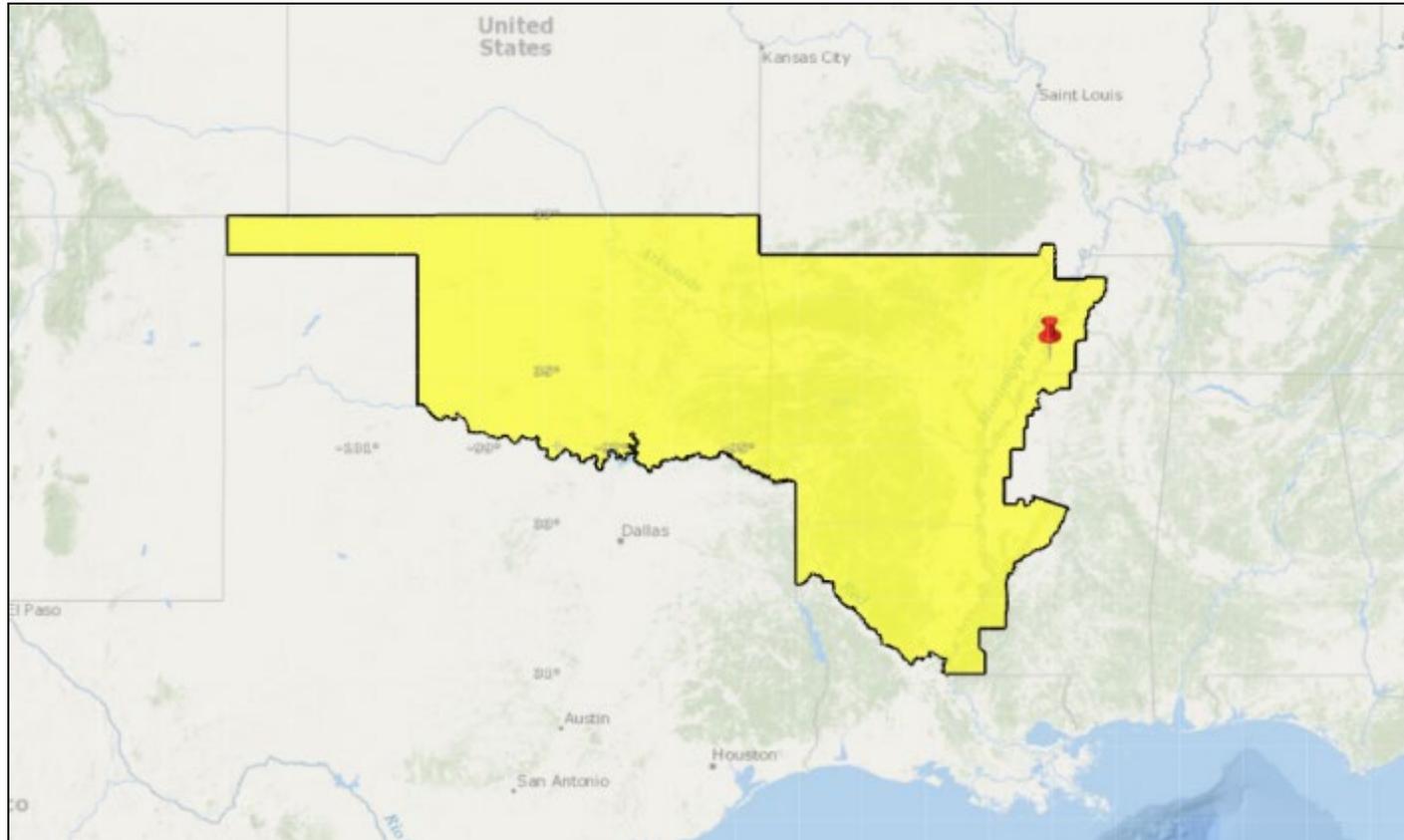




Sector Lower Mississippi River



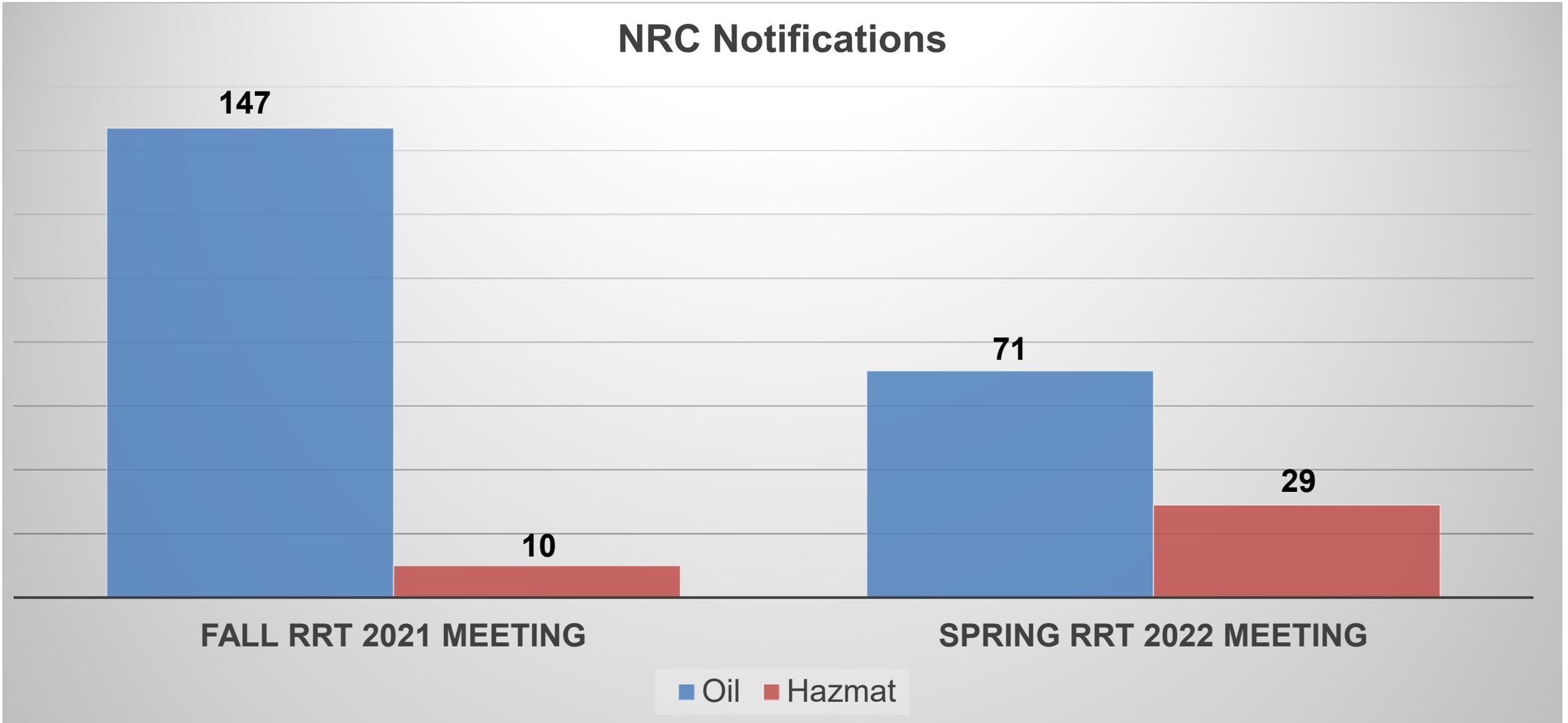
Captain Ryan Rhodes
Sector Commander



NRC Notifications	RRT Activations	Federal Projects	CERCLA Projects
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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
Sector Lower Mississippi River, TN	ITV CYNTHIA II Bridge Allision + Barge FMTA1520 Salvage	11/29/2021	12/3/2021	DOI/USFWS	Response	Emergency Consultation	Vessel Salvage	Pallid Sturgeon	ESA	Endangered	No	126	0	\$126
Sector Lower Mississippi River, TN	ITV CYNTHIA II Bridge Allision + Barge FMTA1520 Salvage	11/29/2021	12/3/2021	State Historic Preservation Office (SHPO)	Response	Emergency Consultation	Vessel Salvage	N/A	NHPA	N/A	N/A	55	0	\$55
Sector Lower Mississippi River, TN	Sand Hog	4/14/2022	4/16/2022	DOI/USFWS	Response	Emergency Consultation	Vessel Salvage	Pallid Sturgeon	ESA	Endangered	N/A	80	0	\$80
Sector Lower Mississippi River, TN	Sand Hog	4/14/2022	4/16/2022	State Historic Preservation Office (SHPO)	Response	Emergency Consultation	Vessel Salvage	N/A	NHPA	N/A	N/A	80	0	\$80



Hurricane Preparedness and Response

Preseason	Pre-Storm	Post Landfall
Familiarization and setup of new inflatable flood punts	Observe weather and reports of forming tropical storms	Mobilize requested personnel and equipment
Training to ensure team members qualified on flood punt platform and operations	Final checks of flood punts, flood punt trailer, vehicles, and equipment	Communicate flood punt deployment locations and lodging arrangements
Plan flood punt team members duty schedule	Upon activation, enter Bravo-24 status to standby for deployment	Standby for surge staffing/ICS staffing/Pollution Responder deployments
Ensure vehicle and trailer maintenance is conducted	IMD pollution responders duty schedule set for potential deployment	Prepare for hosting coastal unit Continuity of Operations (COOP) if requested
Ensure required equipment is inventoried and staged in flood punt trailer	Upon activation, secure lodging for flood punt team members	
Conduct real-world deployment exercise of flood punts	IMT roster verified with sufficient personnel staffing	



Accomplishments

Since last RRT meeting

Training		Exercises / Workshops		Federal, state, and local planning and coordination efforts	
Description	Dates	Description	Dates	Description	Dates
CBRNE Mask Fit Test	26-27 Apr 2022	GIUE – MSD Vicksburg	07 Dec 2021	LEPC Meetings	Monthly
RAD Level I	26-27 Apr 2022	GIUE - SLMR	02 Mar 2022	RRT-7 Meeting	23 Mar 2022
				6 th Annual Clean Waterways Conference	5-7 Apr 2022



Outlook

Until Next RRT meeting



Training		Exercises / Workshops		Federal, state, and local planning and coordination efforts	
Description	Dates	Description	Dates	Description	Dates
Oil Sample Shipper Course	11-22 Jul 2022	Oil Spill Response Course	16-19 May 2022	LEPC Meetings	Monthly
				RRT-4 Meeting	TBD
				RRT-7 Meeting	21-22 Sep 2022



MSU Port Arthur

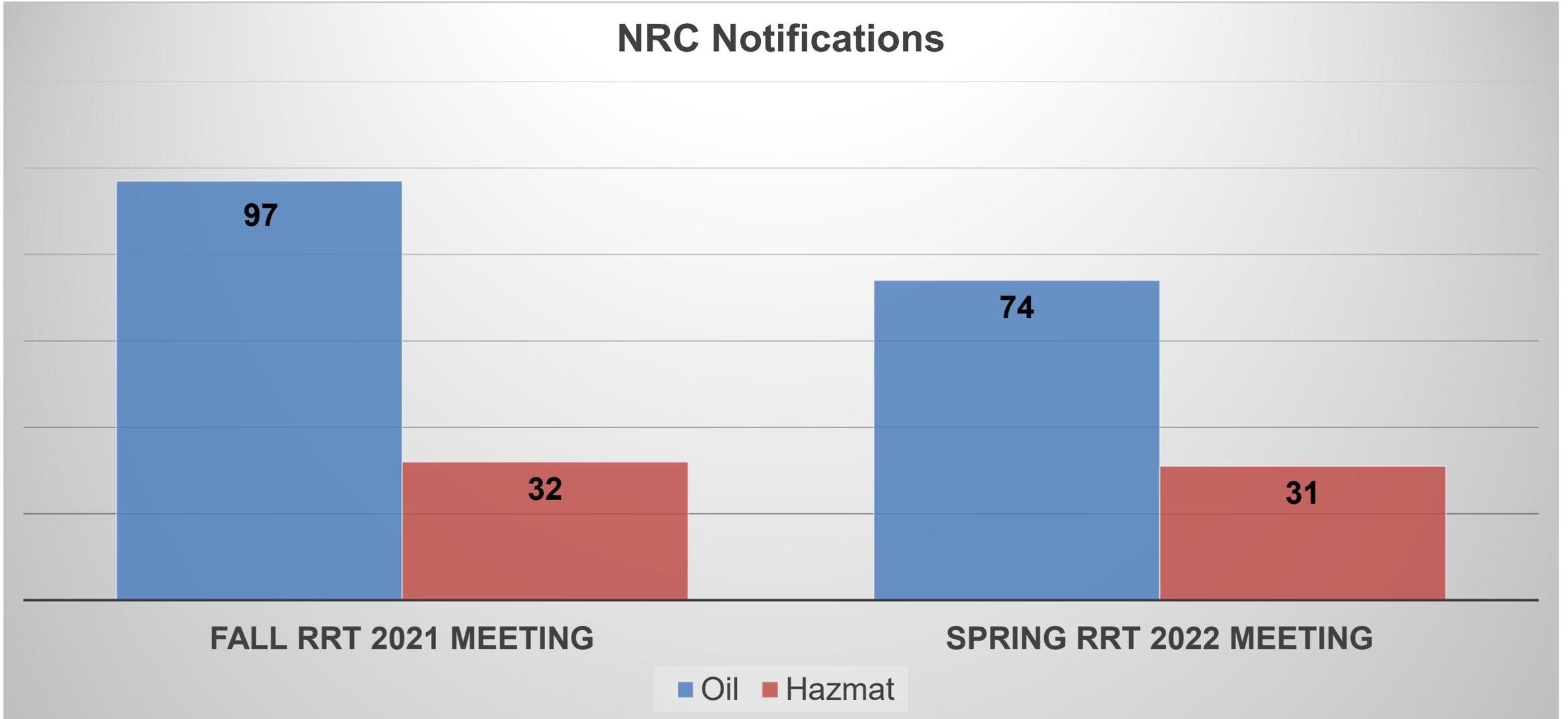
Captain Molly Wike
MSU Commanding Officer



NRC Notifications	RRT Activations	Federal Projects	CERCLA Projects
105	0	1	1



NRC Notifications





RRT Activation / Notification

Date:	10/07/2021-12/09/21	Activation	X	Notification	
Incident Name:	High Island Abandoned Platform				
Location:	High Island Block 10, Jefferson County, TX				
Responsible Party:	Nevada Exploration (bankrupt)				
Type and amount of product spilled:	Original sheen spread 13 miles; Total recovered and disposed: 4,610 gallons of oil & waste products				
Issue / Concern:	Numerous partially filled tanks and totes across two decks of the platform: deteriorated deck and missing ladderwells / handrails throughout. Required significant resources to render site safe for personnel before detailed inspection and removal could take place.				
Agencies Involved:	TGLO, TRRC, USFWS, NOAA, BSEE				
Decisions Made:	Opened FPN and CPN: Installed new grating, handrails, ladderwells, and emergency egress to render structure safe. Removed all liquids for disposal, assessed all piping and tanks for potential petroleum.				





RRT Activation / Notification

Date:	04/11/2021 - Ongoing	Activation	Notification
Incident Name:	High Island Wellhead		
Location:	High Island, Galveston County, TX		
Responsible Party:	Sandpoint Texas, LLC		
Type and amount of product spilled:	Crude oil; approximately 87 barrels		
Issue / Concern:	The initial report was made 6 days after the incident and misreported the discharge quantity as 8 gallons. Product impacted over 300 acres of wetland, with pockets of recoverable oil spread throughout: multiple pockets inaccessible by truck or UTV.		
Agencies Involved:	TGLO, TRRC, TPWD, USFWS, NOAA		
Decisions Made:	TPWD conducted assessment for potential wildlife impact and NRDA; deployed streamers to deter migratory birds from response area. SCAT conducted on 27APR & 29APR, 18 of 42 pits showed oil seeping back into them. Free floating oil being recovered manually with sorbents.		





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 Block 10 Platform	07OCT21	09DEC21	USFWS / NMFS / NOAA	Completed	Emergency Consultation & Essential Fish Habitat	Booming/ removal & disposal	Giant Manta Ray, Sperm Whale, Kemp's Ridley, Green, Leatherback, Loggerhead, and Hawksbill Sea Turtles	ESA / ESF	Threatened/ Endangered	No	\$1612		\$1612
MSU Port Arthur	High Island Wellhead	11APR22	Ongoing	USFWS / NOAA	Operations ongoing	Emergency Consultation	Booming/ removal & disposal	West Indian manatee, eastern black rail, piping plover, red knot, green/ hawksbill/ kemp's ridley, leatherback, loggerhead sea turtles	ESA	Threatened/ Endangered	No	\$462		\$462



Hurricane Preparedness and Response

Preseason	Pre-Storm	Post Landfall
Complete IMSS training for Job Specific Training for all WQSB positions	Conduct port & waterway assessments	Waterways Assessments of Sabine-Neches w/ associated cuts, canals, basins, & bayous
Pre-Hurricane Season Port Assessments to identify laid-up vessels	Establish preparedness status of ports, marinas, facilities, vessels, & waterways	Conduct Overflights for Hazard ID, Resource Status, & Env. Impact
Conduct Hurricane Training w/ Fishing Fleet, Harbor Safety Committee, etc.	Spot-check regulated facilities to determine status of Heavy wx preps	Shoreside Assessments, prioritizing prominent facilities: Cheniere, Exxon, Chevron
	Review & validate “remain in-port checklist”	



Accomplishments

Since last RRT meeting



Training		Exercises / Workshops		Federal, state, and local planning and coordination efforts	
Description	Dates	Description	Dates	Description	Dates
IMR Source Control Training	12/08	GIUE (PA):	03/28	LA SACESG Call	01/26 and 4/20
MSRC Equipment Deployment	03/31	Colonial Pipeline Web Meeting	03/01	SETX & SWLA Area Committee	03/30
MSRC Vessel Deployment	04/25	NDOW Exercise	04/26-4/28	In Situ Burn Discussion (LA) SWLA	04/04
		Targa Resources Tabletop Exercise	04/07	Block 9 Orphaned/ Abandoned Well	02/15
				Aurora Well Transfer FOSC to EPA	03/30



Outlook

Until Next RRT meeting



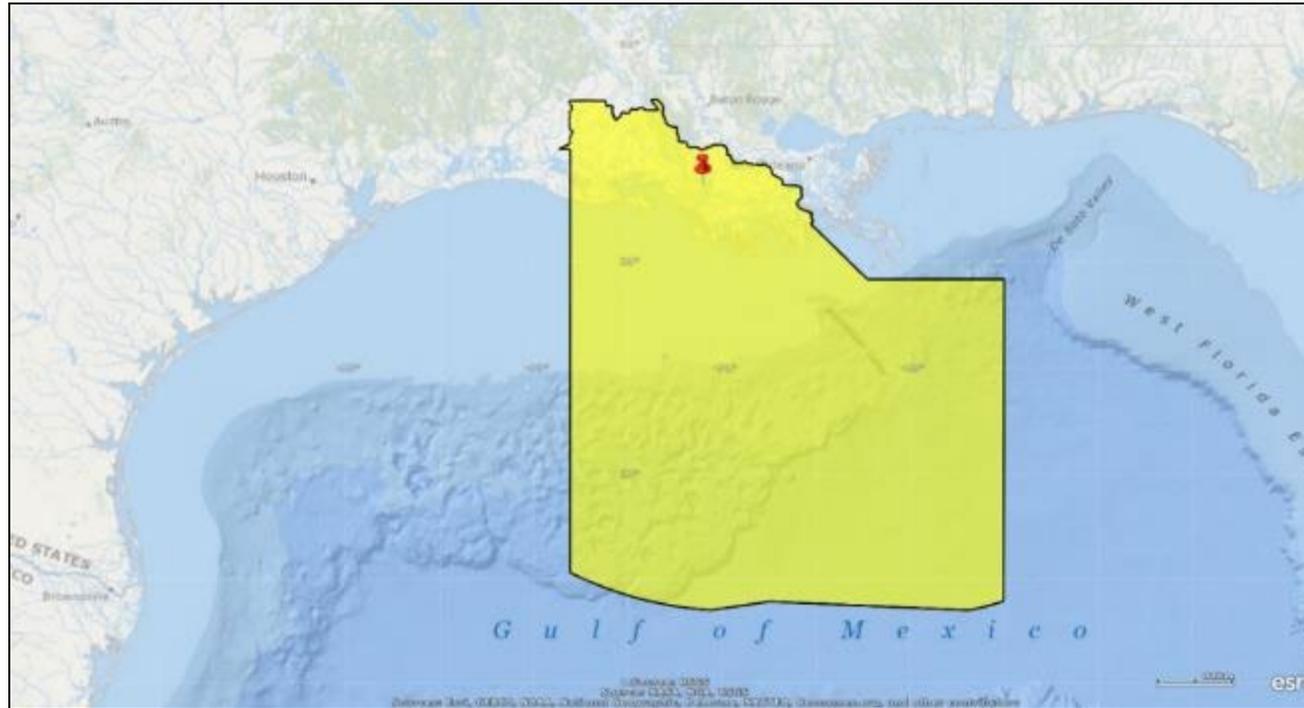
Training		Exercises / Workshops		Federal, state, and local planning and coordination efforts	
Description	Dates	Description	Dates	Description	Dates
Oil Spill Control	JUN 2022	Q3 GIUE (PA)	TBD	LA SACESG Call	3 Aug 2022
PIR	TBD	Q4 GIUE (LC)	TBD	LA SACESG Call	26 Oct 2022
FOSCR	TBD				
Response Manager/ NDOW Training	MAY 2022				



MSU Houma



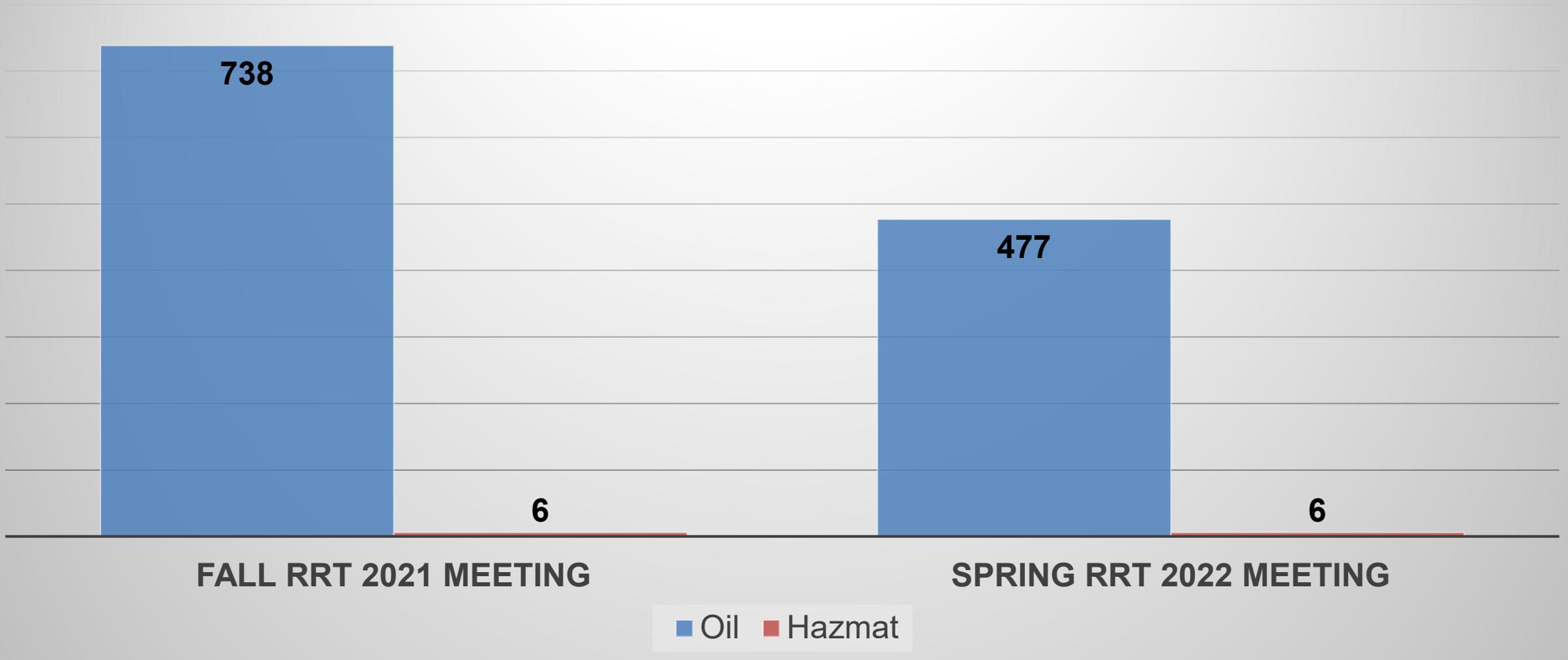
Captain Jerrel "Wade" Russell
MSU Commanding Officer



NRC Notifications	RRT Activations	Federal Projects	CERCLA Projects
482	00	00	00

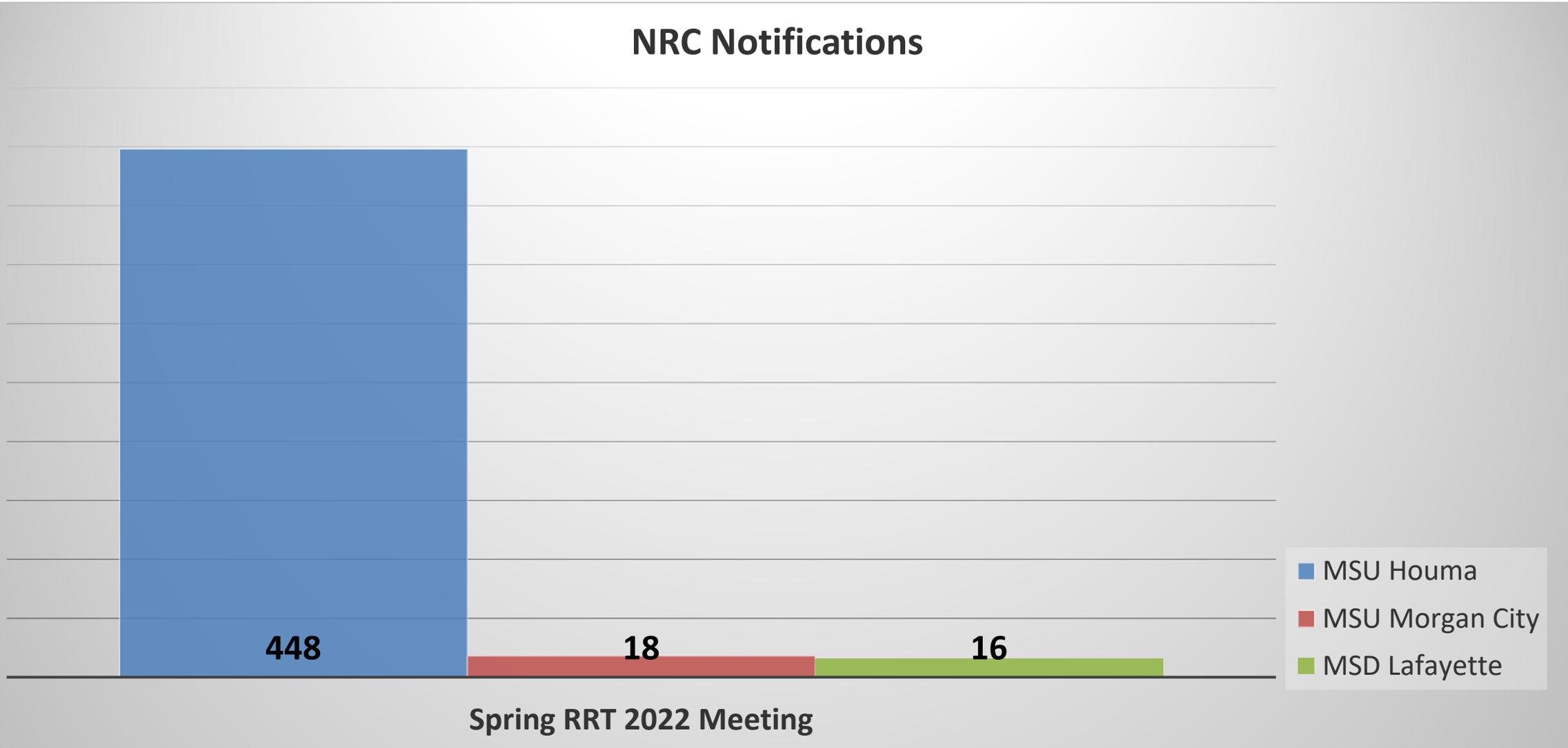


NRC Notifications





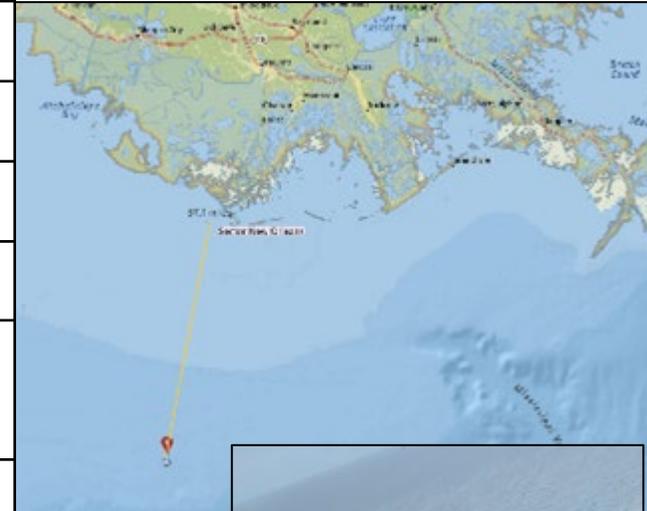
NRC Notifications





RRT Activation / Notification

Date:	(01/24/2022 to 02/26/2022)	Activation	Notification
Incident Name:	SS291A Incident		
Location:	Gulf of Mexico, Ship Shoal Block 291		
Responsible Party:	Monforte Exploration LLC		
Type and amount of product spilled:	Estimated 950 gallons of crude oil with unknown amount of well completion fluids.		
Issue / Concern:	<ul style="list-style-type: none"> • Deteriorated platform and well, resulted in an unsecured discharge from well casing (above water's surface) and loss of well integrity. • Initial plugging operation failed. • Weather limited response actions. • Deteriorated platform and oil mist created safety challenges. 		
Agencies Involved:	USCG, BSEE, NOAA, LOSCO		
Decisions Made:	USCG integration with BSEE as source control SME ensured a clear common operating picture and coordinated communication with RP & partner agencies.		





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



Hurricane Preparedness and Response

Preseason	Pre-Storm	Post Landfall
Review / Update Unit Severe Weather Plan	Pre-Stage Equipment and personnel	Waterway/port assessments
Hurricane Preparedness All Hands	HURCONS/PORTCONS/MSIBs	Attend conference calls
Participate in Hurricane Preparedness Exercises	Conduct Port Assessments (Vehicle and Aircraft)	Conduct overflights
Participate in Hurricane Planning Conferences	Develop Common Operating Picture (COP)	Mobilize personnel and equipment for response (oil/hazmat response, MTS recovery)
Conduct HARPATs / OPZONE Coverage	Establish liaison at parish EOC	Recovery/restoration of normal operations.
	Protect CG families	



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	03 December 2021	USCG GIUE	18 November 2021	LA SACESG Call	26 JAN 2022
CBRN Training	03-04 February 2022	BHP Annual Exercise	08 December 2022	CGD 8 Coastal ACP Conversion Meeting	Ongoing
HAZWOPER First Responder Operations	07 April 2022	BSEE GIUE	15 February 2022	Pollution Awareness/NRC Reporting Training to Commercial Fisherman	27 March 2022
		USCG GIUE	02 March 2022	LA SACESG Call	20 Apr 2022
		BSEE GIUE	31 March 2022		
		USCG GIUE	27 April 2022		
		BSEE GIUE	03 May 2022		



Outlook

Until Next RRT meeting



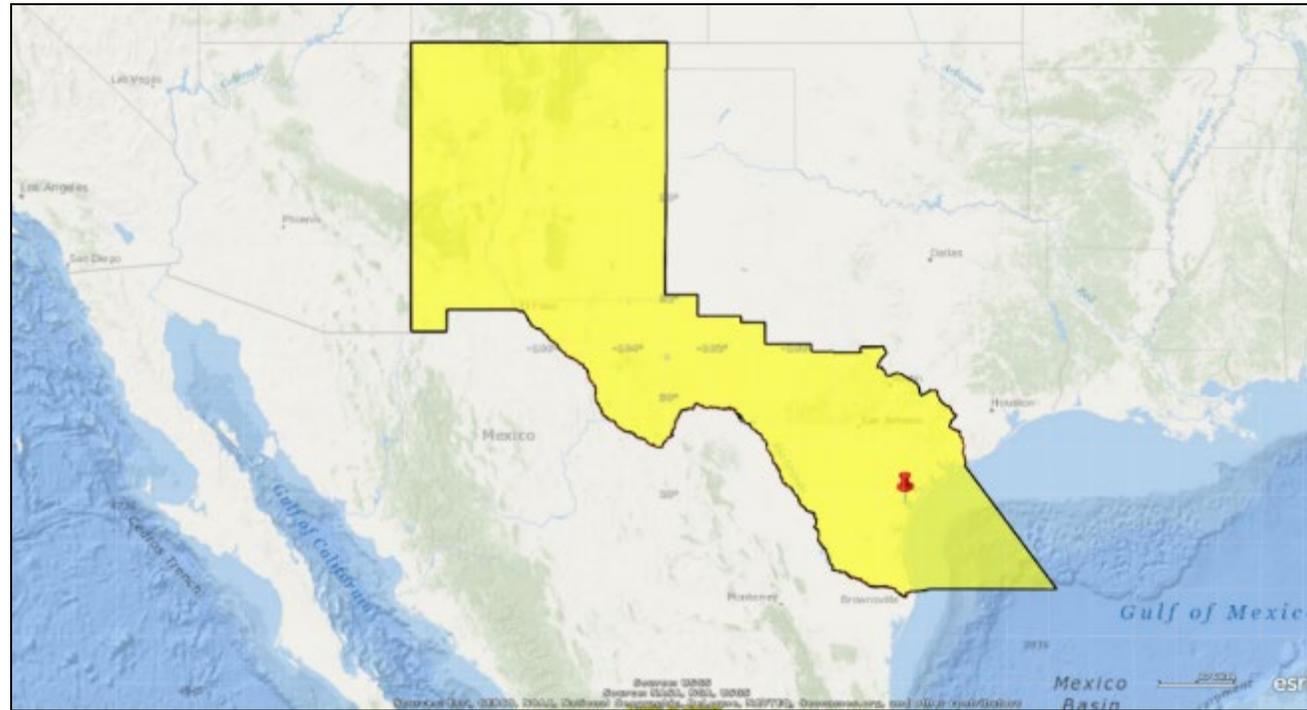
Training		Exercises / Workshops		Federal, state, and local planning and coordination efforts	
Description	Dates	Description	Dates	Description	Dates
HAZWOPER First Responder Operations	TBD	Chevron JCRETT Exercise	11-13 May 2022	MEXUSGULF Seminar	18 May 2022
Oil Spill Response Course / SCAT	25-29 July 2022	USCG GIUE	TBD	LA SACESG Call	3 Aug and 26 Oct 2022
		BP 2022 WCD Functional Exercise	05 October 2022	CGD 8 Coastal ACP Conversion Meeting	Ongoing
		2022 LOOP / LOCAP Emergency Response Exercise	20 October 2022	South-central LA Area Committee Meeting	28 September 2022
		USCG GIUE	TBD		



Sector Corpus Christi

Captain Hans Govertsen

Sector Commander



NRC Notifications	RRT Activations	Federal Projects	CERCLA Projects
295	00	3	0

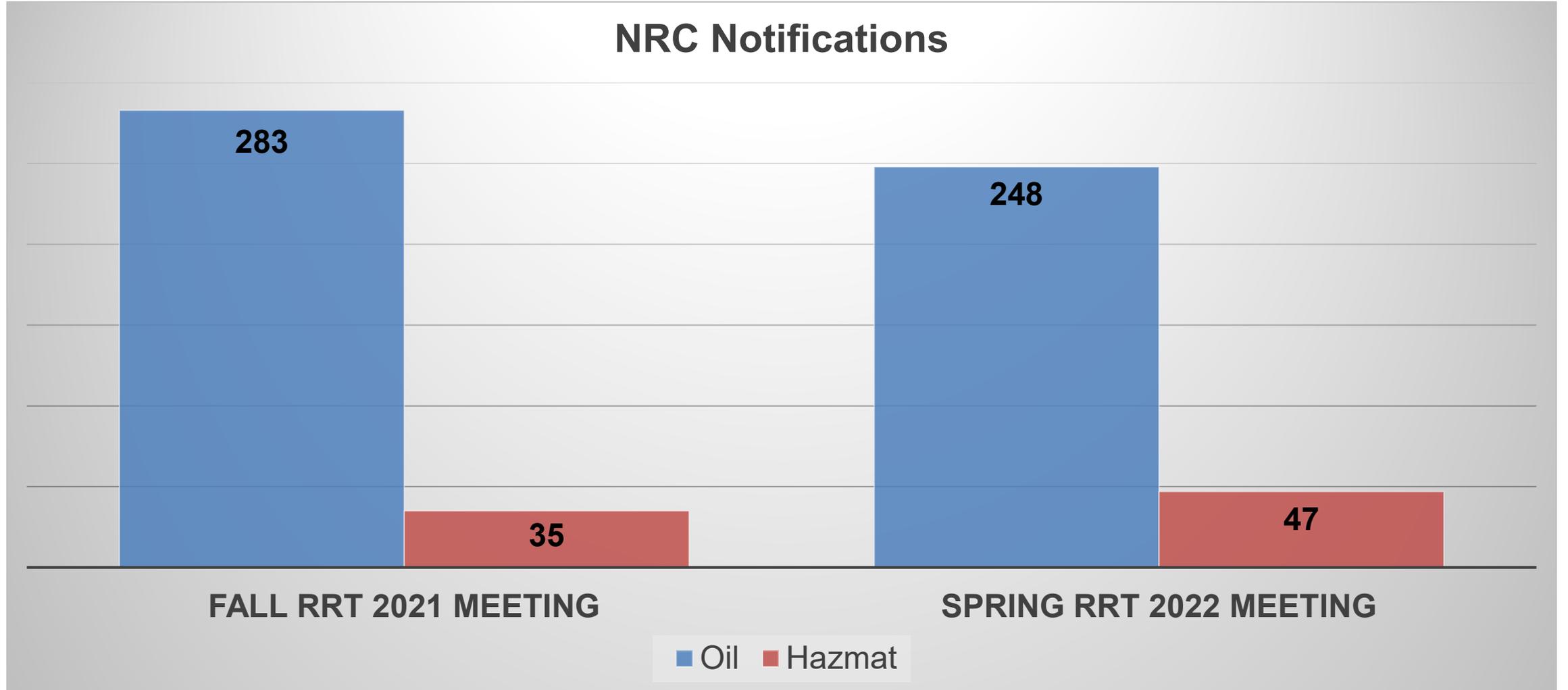


Executive Summary

Challenges-	Sector CC FOSCRs continue to provide cover for MSD Brownsville AOR.
Lessons Learned-	Actively working to re-establish relationships with local industry and response organizations following COVID-19 lock downs to provide hands-on training and identifying key response resources through out the AOR.
Best Practices-	The Marine Firefighting subcommittee has been conducting an on going tabletop exercise at each meeting, engaging members over time, allowing for creative thought, and minimizing scale to help fully comprehend before decisions are made.



NRC Notifications





Consultations



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



Hurricane Preparedness and Response

Preseason	Pre-Storm	Post Landfall
Review / Update Severe Weather Plans	HURCONs/PORTCONs/MSIBs	HURCONs/PORTCONs/MSIBs
Update Contact Information	Minimize risks of the storm: Reposition equipment and personnel (COOP)	Personnel Accountability; Reconstitution of units, equipment, and personnel
Participate in Mid-Coast, Coastal Bend, and South Texas Hurricane Conferences	Protect CG families	Stakeholder Conference calls (Port Coordination Team)
Port of CC Hurricane Town Hall	Stakeholder Conference calls (Port Coordination Team)	Establish IC/UC response
Hurricane Preparedness All-Hands	Maintain Command and Control	Rescue and Assess: SAR/CISAR, Post-Storm Port Assessments (Vehicle and Aircraft), Support of ESFs
Hurricane Preparedness Exercises (Sector, D8, Coastal Bend)	Pre-Storm Port Assessments (Vehicle and Aircraft)	Respond: Establish capability, Oil and Hazmat Response, MTS Recovery
ICS Training (Active and Reserve IMAT Workshop)	Staff State and County EOCs with CG-AREPs as requested	Recovery: Restoration of normal ops; continued Oil and Hazmat Response, MTS Recovery
Response Organization Pre-Season Hurricane Coordination Calls	Determine and Resource Logistical needs.	Public Affairs and External Outreach



Accomplishments

Since last RRT meeting
4 Nov 2021



Training		Exercises / Workshops		Federal, state, and local planning and coordination efforts	
Description	Dates	Description	Dates	Description	Dates
Pollution Responder College	19-21 Apr	GIUE	26 Jan, 25 Apr	STCZ ACM	1 Dec, 16 Mar
		IMAT Workshop	9-11 Feb	30 th Clean Gulf Conference	16-18 Nov 2021
		IMAT Workshop (Reservist)	11-14 Mar		
		South Texas All Hazards Conference	23-24 Mar		



Outlook

Until Next RRT meeting
2-3 Nov 2022

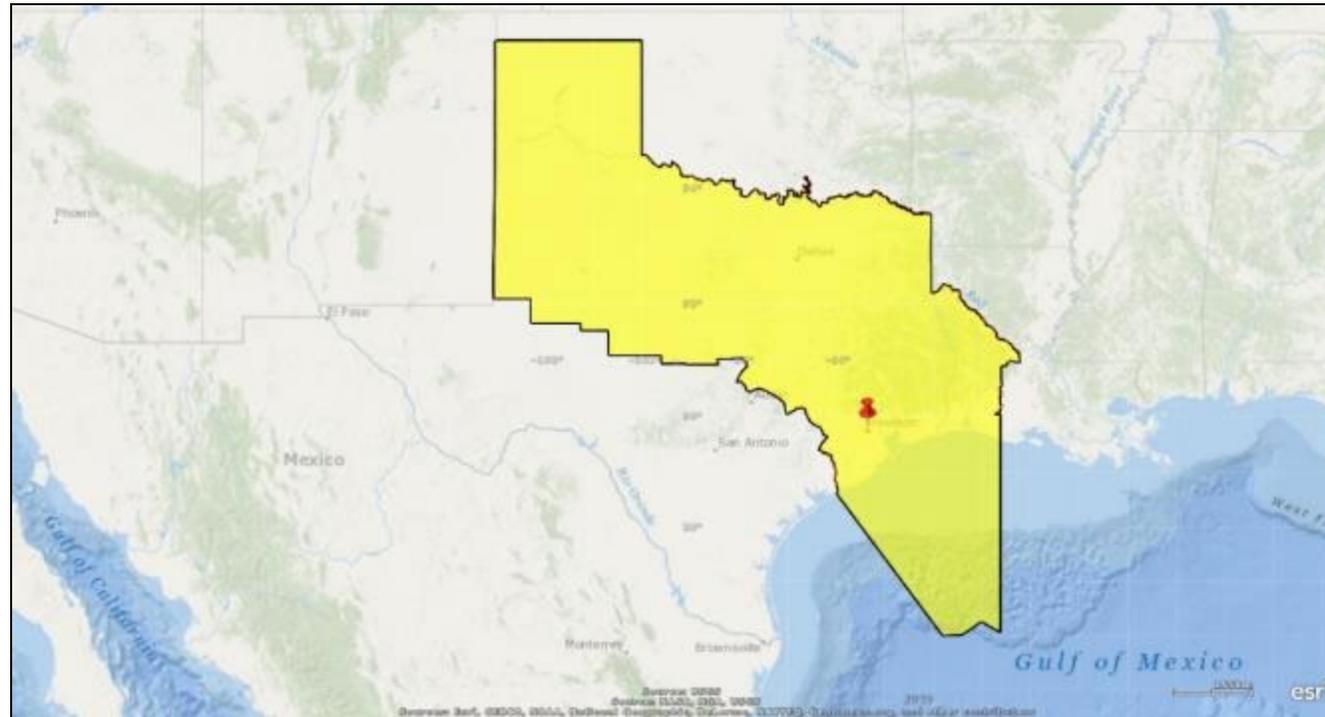


Training		Exercises / Workshops		Federal, state, and local planning and coordination efforts	
Description	Dates	Description	Dates	Description	Dates
MSRC SOUTHERN RESPONDER	10 May	Corpus Christi GIUE	~June	STCZ AC	20 July
HAZWOPER FRA + FRO	Post Transfer Season	Brownsville GIUE	~August		



Sector Houston-Galveston

Captain Jason Smith
Sector Commander



NRC Notifications	RRT Activations	OSLTF Projects	CERCLA Projects
274	00	00	01

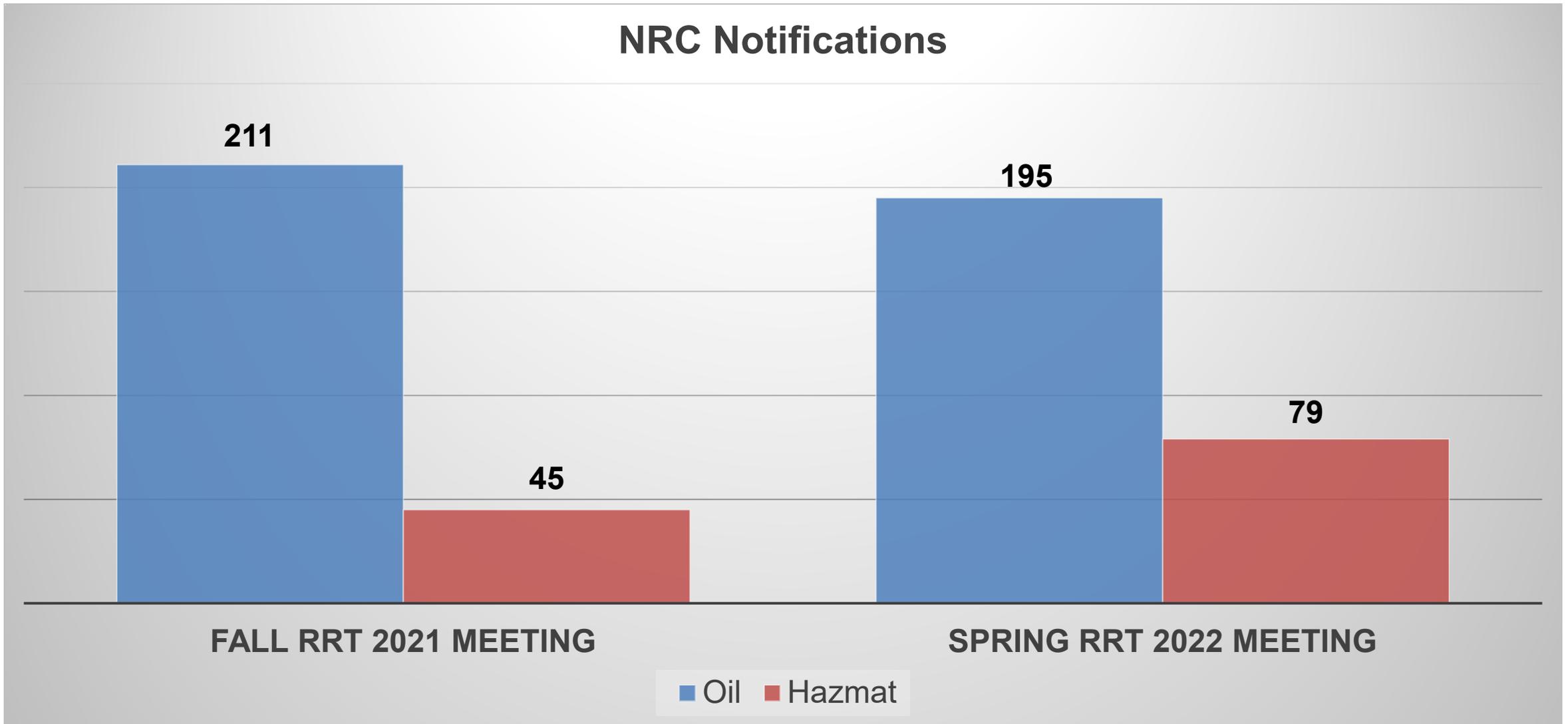


Executive Summary

Challenges-	<ul style="list-style-type: none">• Need to add response strategies to ACP for hazardous compressed gases.• The new process for ESA 7 consultations is daunting and requires additional guidance.
Lessons Learned-	
Best Practices-	



NRC Notifications





Significant Case

Date:	12/23/2021	Activation	Notification
Incident Name:	Baytown Refinery Explosion		
Location:	Baytown, TX		
Responsible Party:	ExxonMobil Baytown Facility		
Type and amount of product spilled:	Naptha, Unknown Quantity		
Issue / Concern:	<p>At 2 a.m., a 200-foot high fireball was reported at the facility located on the Houston Ship Channel and near a residential area. Heighted concern for potential public health concerns from initially unknown product as well as impact to commerce. Firefighting efforts continued for several hours and protected 21 Million gallons stored on the facility from re-flashing. All firefighting water and product successfully contained inside secondary containment with no marine impact.</p>		
Agencies Involved:	USCG, EPA, TGLO, TCEQ, Houston Fire, Baytown Fire Department, Emergency Medical Services,		
Decisions Made:	ICP stood up with 30 personnel. Sector Houston-Galveston Chief of Incident Management responded as Federal On-Scene Coordinator Representative. Critical Incident Call initiated. Air monitoring established.		





Consultations

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



Hurricane Preparedness and Response

Preseason	Pre-Storm	Post Landfall
Review / Update Severe Weather Plans	HURCONs / PORTCONs/ MSIBs	HURCONs / PORTCONs/ MSIBs
Update Contact Information	Stakeholder Conference calls	Personnel Accountability; Reconstitution of units, equipment, and personnel
Participate in NDOW Hurricane Preparedness full scale exercise	Port Assessments (Vehicle and Aircraft)	Stakeholder Conference Calls (port coordination team)
TX Coordination call	Common Operating Picture (COP)	Mobilize personnel and equipment (SAR, PSATs)
ICS Training	Establish IC/UC	Respond: Oil /HAZMAT & MTS Recovery
MACOM Hurricane exercise	Set-up Incident Command Post	Recovery: restoration of normal ops
Conduct HARRDATE / OPZONE	Staff State and county EOCs w/ CC	Staging Areas
Hurricane Preparedness Briefing and Expectations All Hands	Pre-Stage Equipment and personnel	Public Affairs and External Outreach
Validate WQSB / IMT	Request Surge Resources as needed	Demobilization



Accomplishments

Since last RRT meeting

Training		Exercises / Workshops		Federal, state, and local planning and coordination efforts	
Description	Dates	Description	Dates	Description	Dates
IMR Source Control Training	08DEC21	BP Large Functional Exercise	10NOV21	Clean Gulf	15-18NOV21
ICS-460/ICS-430/ICS-440/ICS-339	06DEC21/13JAN22/27JAN22/28FEB22	03 GIUE (Gates Fuel Service/MVP Terminals/Texas City Crude Oil Terminal)	06DEC21/13JAN22/02MAR22	Cotton Logistics Site Visit	09DEC21
Homeland Security Exercise & Evaluation Program Training	13JAN22	BHP Exercise	09DEC21	Central Texas Coastal Area Committee Meeting	03FEB22
Oil Spill Control School	28JAN22	ICS Planning Section Chief TTX	21MAR22	T&T Marine Salvage Site Visit	23FEB22
Pollution Responder & Federal On-Scene Coordinator Representative Courses	JAN22, Apr 22, MAR22	PREP Full Scale Exercise	11-13APR22	BSEE EQP Verification at National Response Corporation	02-03MAR22
Emergency Management Specialist Course	02FEB22	Major Command Hurricane Exercise	20-22APR22	Oil Mop, LLC Visit	07MAR22
HAZMAT Incident Response Course	18FEB22	SHG/National Disaster Operational Work group Exercise	26-28APR22	NOAA SSC Role & ESA 7 Consultations Discussion	05APR22
FEMA Emergency Mgmt Basic Academy	FEB22, MAR 22, APR 22	BSEE GIUE	03MAY22	TACESG Meeting	03May22



Outlook

Until Next RRT meeting



Training		Exercises / Workshops		Federal, state, and local planning and coordination efforts	
Description	Dates	Description	Dates	Description	Dates
FEMA National Emergency Management Basic Academy	May 22	MEXUS Seminar	18 May 22	Central Texas Coastal Area Committee Meeting	Aug 22
Emergency Management Specialist Course	May 22	BP WCD FE	5-6 Oct 22	LEPC Meeting	Various
Spill Response Course	July 25-29				



Sector New Orleans

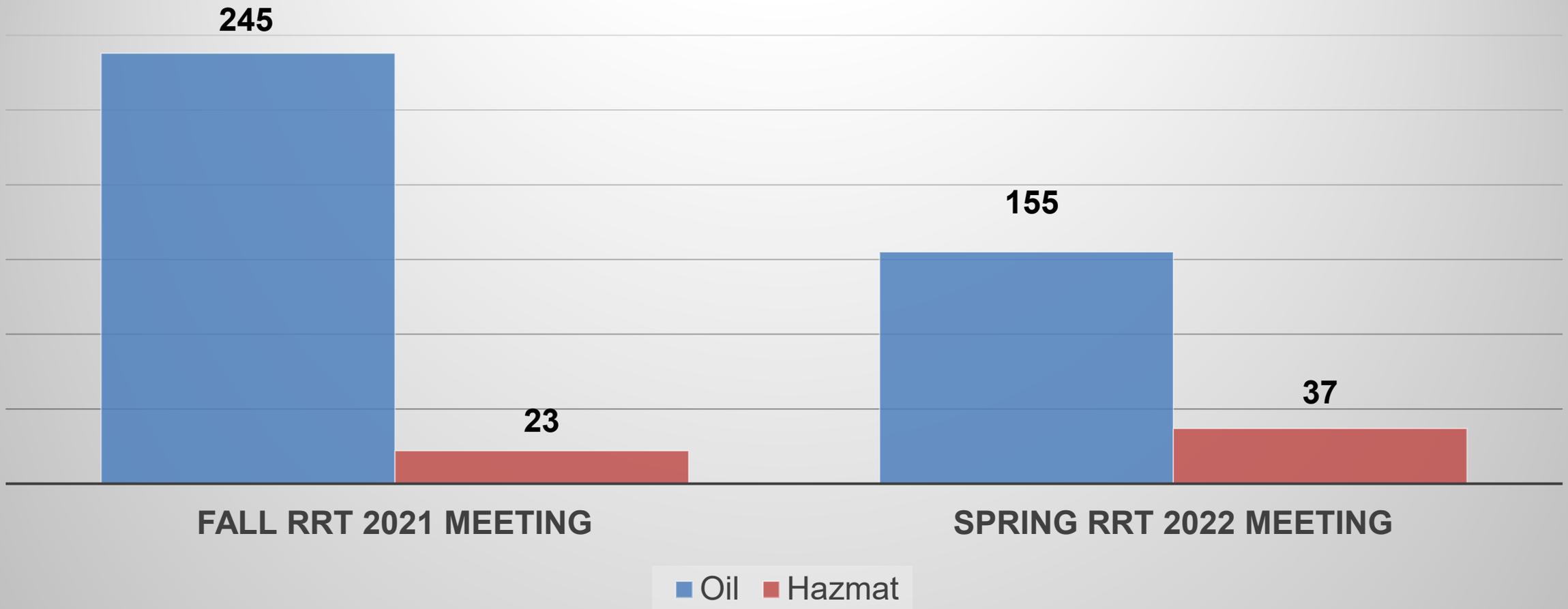
Captain Kelly Denning
Sector Commander



NRC Notifications	RRT Activations	Federal Projects	CERCLA Projects
192	00	01	00



NRC Notifications





MRGO

Date (XX/XX/XXXX):	12/27/2021	Activation		Notification	
Incident Name:	Collins Pipeline - MRGO				
Location:	Bayou Villere - Mississippi River Gulf Outlet				
Responsible Party:	Collins Pipeline / PBF Energy				
Type and amount of product spilled:	349,650 gallons of Diesel				
Issue / Concern:	<p>A discharge due to a failed pipeline resulted in a major coastal spill of 349,650 gallons of diesel into a land-based site located in St. Bernard Parish, Louisiana. The site sits between the Mississippi River Gulf Outlet (MRGO) and Bayou Villere, just forward of the levee dividing the two bodies of water. Bayou Villere can connect to the MRGO through Bayou Bienvenue, however none of these bodies of water were impacted due to the environmental conditions at the time. Wildlife Response Services (WRS) were hired to establish a wildlife rehabilitation center and oversee the care of all impacted wildlife. All live animals collected underwent an intake exam where their condition was established and a specific treatment plan was developed for each animal in conjunction with LDWF state wildlife veterinarian. Once the animals had been stabilized, they underwent a wash process to remove any external oiling. Following the wash process, all animals are reexamined to ensure they were clean and healthy prior to their release.</p>				
Agencies Involved:	USCG, DNR, DEQ, LOSCO, LADWF, NOAA, St. Bernard Parish, PHMSA				
Decisions Made:	Based on the location and size of this discharge, the incident presented a substantial threat to the waters of the United States, but Sector New Orleans did not assume federal responsibility due to the timely, effective actions of the Responsible Party				





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	TPIC RP 41 Flowline	11/22/2021		DOI/USFWS/SHPO	Response	Cutting/Booming	Manatee, Black Rails, Monarch Butterfly	ESA	Threatened	Yes	1000	0	1000
Sector New Orleans	Whitney Oil & Gas, South Pass Block 11, Platform B	1/3/2022		DOI/USFWS/SHPO	Response	Booming/Skimming	Manatee, Black Rails, Monarch Butterfly	ESA	Threatened	Yes	650	0	650
Sector New Orleans	LLOX Mud Lake	02/4/2022		DOI/USFWS/SHPO	Response	Booming/Skimming	Manatee, Black Rails, Sea Turtles, Tern, Cormorant, Brown Pelican Monarch Butterfly	ESA	Threatened	NO	1000	0	1000



Hurricane Preparedness and Response

Preseason	Pre-Storm	Post Landfall
Review / Update / Publish Severe Weather Plans (NLT 15MAY)	Pre-Stage Equipment / Personnel (Track & Intensity)	CGPAAS / Member Accountability
Validate / Update SECNOLA WQSB & Identify Qualification Gaps	Stakeholder Conference Calls (PCT & NAVREST)	Assess MTS Infrastructure & Damage Assessments
Update Contact Information for Federal, State & Local	Port Assessments / Harbor Patrols	Port Assessments (Vehicle and Aircraft)
Participate in State / Local Exercises (GOHSEP / NOHSEP / Parish)	Validate Remote Capabilities, Identify Tech limitations	Evaluate and Reopen MTS
Participate in Hurricane Planning Conferences (GOHSEP / NOHSEP / Parish)	Identify surge staffing needs, pre-generate ICS-213RR's, evaluate COOP capabilities / location	WQSB Validation & Equipment (Surge Staffing)
Facilitate SECNOLA Severe Weather Exercise (17 – 18 May)	HURCON / PORTCON, CGD8 RFI, Pre-Storm IAP	Reconstitute Mission Essential Functions
IMSS, Resource / Surge Staffing, ICS Section / Position Training (19 May)	Establish LOFR / AREP Network (WebEOC)	Determine IMT vs SECNOLA Ops



Accomplishments

Since last RRT meeting

Training		Exercises / Workshops		Federal, state, and local planning and coordination efforts	
Description	Dates	Description	Dates	Description	Dates
SCAT Training – NOAA SCC	Dec	1 st Quarter GIUE – Heritage Crystal Clean, LLC	20 Jan	30 th Clean Gulf Conference	16-18 Nov
Pollution Incident Response Course	4-22 Apr	BSEE GIUE – Cox WD29	22-23 Mar	Navy Week	18-22 Apr
NOAA Oil Spill Control	11-15 Apr			LA SACESG Call	20 Apr
Hazardous Material Incident Response	18-22 Apr			St. Bernard Parish Local Emergency Planning Committee	21 Mar
UAS Regulations	25 Apr				
ICS-339 DIVS	25-26 Apr				



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	2 - 13 May	2 nd Quarter GIUE	TBD	Area Committee Mtg	25 May
ICS Environmental Unit Leader	May	3 rd Quarter GIUE	TBD	PREP TTX Rail	14 June
Hazardous Material Incident Response	6-10 Jun	Chevron Exercise	9-13 May	Clean Gulf Conference	8-10 Nov
NOAA Oil Spill Response	25-29 Jul				
NOAA Science of Chemical Releases	27 Jun – 01 Jul				