

Nov 8-9, 2018

 www.epaosc.org/rrt6-homepage	Meeting Location: US EPA Training Center 16650 Westgrove Drive Addison, Texas	RRT Co-Chairs: Ronnie Crossland, EPA Crossland.Ronnie@epa.gov Michael Sams, USCG Michael.K.Sams@uscg.mil	RRT Coordinators: Steve Mason, EPA Mason.Steve@epa.gov Todd Peterson, USCG Todd.M.Peterson@uscg.mil
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Day 1 – RRT-6 General Session – Thursday, Nov 8, 2018

Time	Topic	Presenter / Facilitator
8:30 – 8:45 AM	Introductions / Administrative Announcements / Opening Statements	Ronnie Crossland, EPA / Michael Sams, USCG
8:45 – 9:15 AM	Review of 2019 RRT Priorities / Status	Michael Sams, USCG
9:15 – 9:30 AM	Open Forum	All
15 Minutes	Break	
9:45 – 10:00 AM	Discuss Spring 2019 Joint RRT-6/RRT-7 Meeting	Michael Sams, USCG / Ronnie Crossland, EPA
10:00 – 11:00 AM	State Reports (NM, TX, AR, OK & LA)	State Agencies
11:00 – 11:30 AM	In-Situ Burn Guidance and Preauthorization Update	Adam Tyndale, USCG
1.5 Hours	Lunch	
1:00 – 1:15 PM	Region 6 LEPC Workshops	Steve Mason, EPA
1:15 – 2:15 PM	Improving Response by Incorporating NRDA Principles into Area Contingency Planning	Monica Rusk, USCG NPFC
15 Minutes	Break	
2:30– 3:00 PM	Flower Garden Banks National Marine Sanctuary Guidance	Charlie Henry, DOC/NOAA
3:00 – 3:30 PM	TGLO Toolkit Overview	Steve Buschang, TGLO
3:30 – 4:30 PM	Federal Agency Reports	Federal Agencies
15 Minutes	Break	
4:45 – 5:15 PM	RCP Volume 4 Update: - Seafood Liaison Specialist - Science and Technology Advisor(s)	Michael Sams, USCG
5:15 PM	Adjourn	
5:30 PM	Networking Session – Location TBD	All

Day 2 – RRT-6 General Session – Friday, Nov 9, 2018

Time	Topic	Presenter / Facilitator
8:30 – 9:15 AM	Pre-Planning/ESA Matrix & Emergency Informal Consultation	Michael Sams, USCG
9:15 – 10:15 AM	USCG FOSC Reports	USCG FOSCs
15 Minutes	Break	
10:30 – 11:30 AM	EPA FOSC Reports	EPA FOSCs
11:30 – 11:45 AM	Open Forum	All
11:45 – 12:00 PM	Closing Remarks	Ronnie Crossland, EPA / Michael Sams, USCG
12:00 PM	Adjourn	

Dates for next RRT Meetings:	Confirmed	Spring 2019	27-28 Mar 2019 Joint RRT-6 / 7 Meeting in Oklahoma City
	Confirmed	Fall 2019	06-07 Nov 2019
	Proposed	Spring 2020	13-14 May 2020

Adobe Connect: <https://epawebconferencing.acms.com/region6rrtmeeting/>
Conference Call: 202-991-0477
Pin: 5634699#

Welcome to the Fall 2018 Meeting



8-9 Nov 2018

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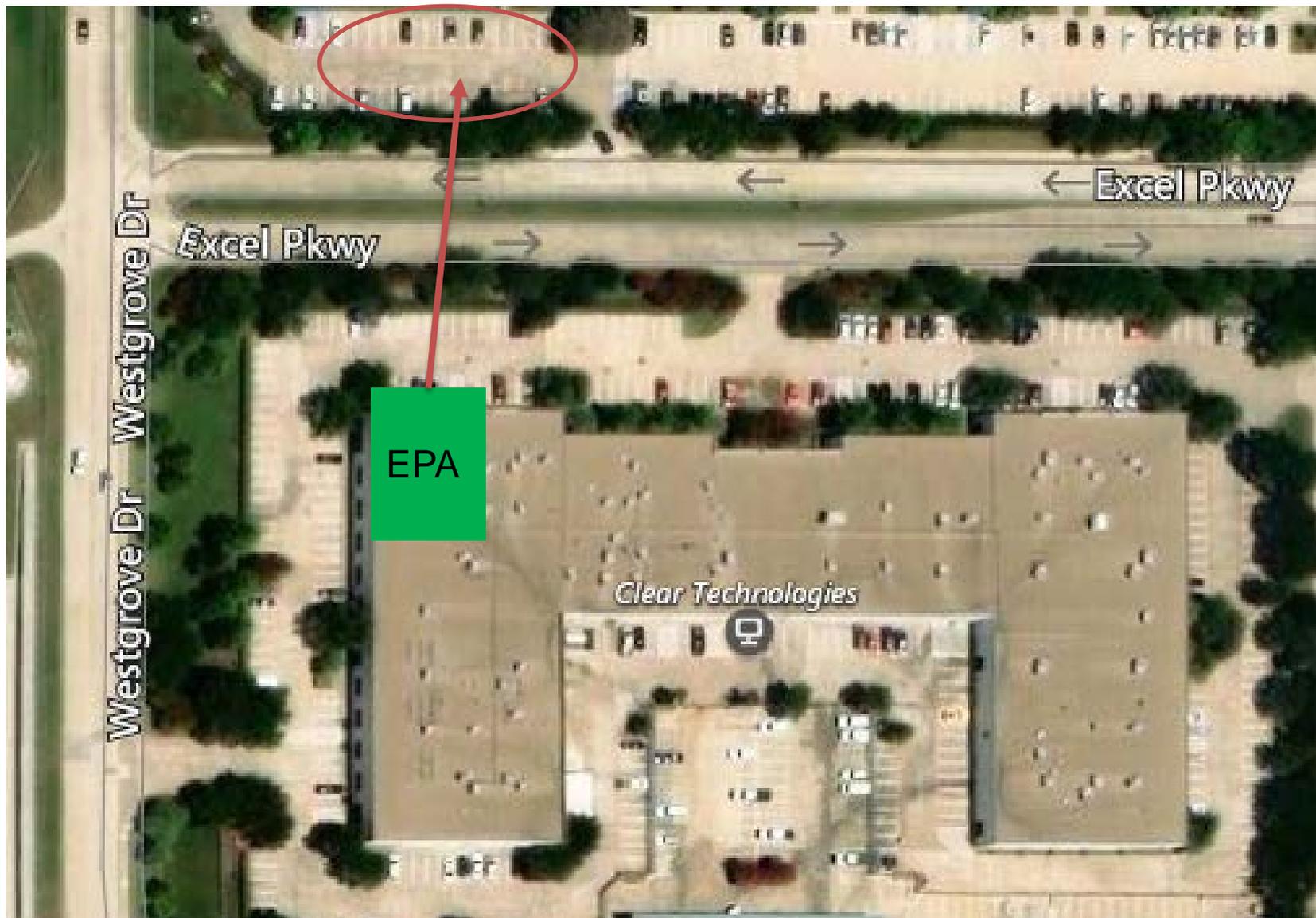
WIFI Password: AddisonEPA

Meeting Administrative Issues

- Silence all Cell Phones
- Sign – In Sheets
- Please Use Microphones
- Breaks/Lunch
- Pods
- Restrooms
- Avoid Acronyms
- Parking Lot Items
- Smoking
- Presentations on RRT webpage



Emergency Procedures



Opening Remarks

Co-Chairs



Ronnie Crossland, USEPA



Michael Sams, USCG

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Introductions

- **Name**
- **Agency**
- **Job Title**



Approve Spring 2018 Meeting Minutes



Region 6 RRT Spring Meeting

15-17 May 2018 – Addison, TX

Presentations are available online: <https://epaossc.org/rrt6-meetings>

Executive Committee Meeting (15 May 2018)

In Attendance: Ronnie Crossland (USEPA), Mike Sams (USCG), LCDR Chris Miller (USCG), Steve Mason (USEPA), Todd Peterson (USCG), Gary Moore (USEPA), Madison Baxter (USEPA), Paige Doelling (NOAA), Karolien Debusschere (LOSCO), and Steve Buschang (TGLO).

Remote: Adam Tyndale (USCG), Dee Oos (USCG), and Susan King (DOI-Guest).

1. Topics discussed included:

- Standing Committee Updates
 - Response Committee
 - Preparedness Committee
 - Science and Technology Committee
 - Executive Committee
- Reviewed / Revised 2018 Priority List

2018 Priority List – In Progress or Continuing			
	Priority	Assigned	Status
1.	Monthly Executive Committee Teleconferences	Executive Committee	Ongoing
2.	Conduct Incident-Specific Conference Calls, including Exercises and Document Results	RRT Function	Ongoing
3.	Develop Flower Garden Banks (FGB) Guidance	Science & Technology Committee	In progress
4.	Develop Region 6 RRT Evaluation Job-Aids for Alternative Response Technologies	Preparedness Committee	On Hold
5.	Review / Revise existing In-Situ Burn Guidance and Preauthorization	Executive Committee	In progress
6.	Improved Coordination of Natural Resource Damage Assessment (NRDA) with Response	Preparedness Committee	In progress
7.	Review / Update RCP, Including Volume 4	Executive Committee	In progress

2. Reviewed General Meeting Agenda

- Discussed Logistics for General Meeting
- Established dates & locations for upcoming meetings:
 - Fall Meeting, November 8-9, 2018
 - Spring Meeting, 8-9 May, 2019; or a Joint RRT-6/7 Meeting in Oklahoma City, OK during the March-April 2019 timeframe

3. Additional topics discussed included: Potential joint meeting with RRT-4 and Tribal outreach.

End Executive Committee Meeting



2019 Priority List -- In Progress or Continuing

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1.	Monthly Executive Committee Teleconferences	Executive Committee	Ongoing
2.	Conduct Incident-Specific Conference Calls, including Exercises and Document Results	RRT Function	Ongoing
3.	Develop Flower Garden Banks (FGB) Guidance	Science & Technology Committee	In progress
4.	Develop Region 6 RRT Evaluation Job-Aids for Alternative Response Technologies	Preparedness Committee	On hold
5.	Review / Revise existing In-Situ Burn Guidance and Preauthorization	Executive Committee	In progress
6.	Improved Coordination of Natural Resource Damage Assessment (NRDA) with Response	Preparedness Committee	In progress
7.	Review / Update RCP, Including Volume 4	Executive Committee	In progress

Open Forum



15 Minute Break



Closing Remarks

Co-Chairs



Ronnie Crossland, USEPA



Michael Sams, USCG

Spring 2019 Joint RRT-6 / 7 Meeting



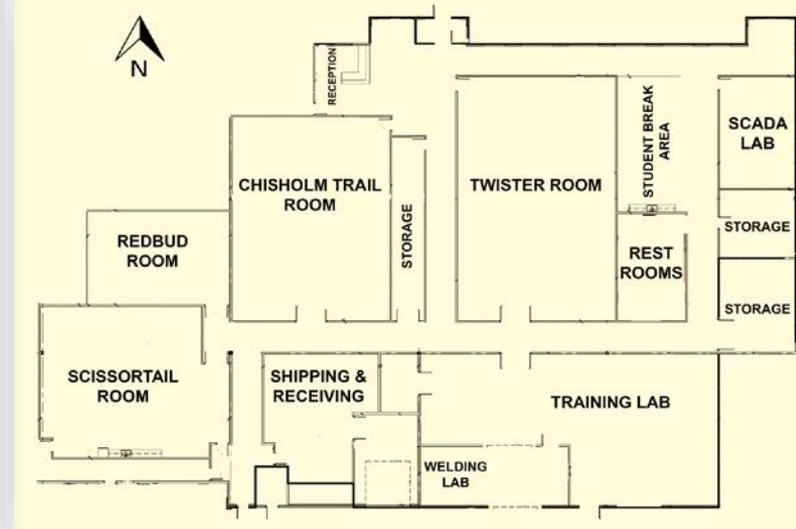
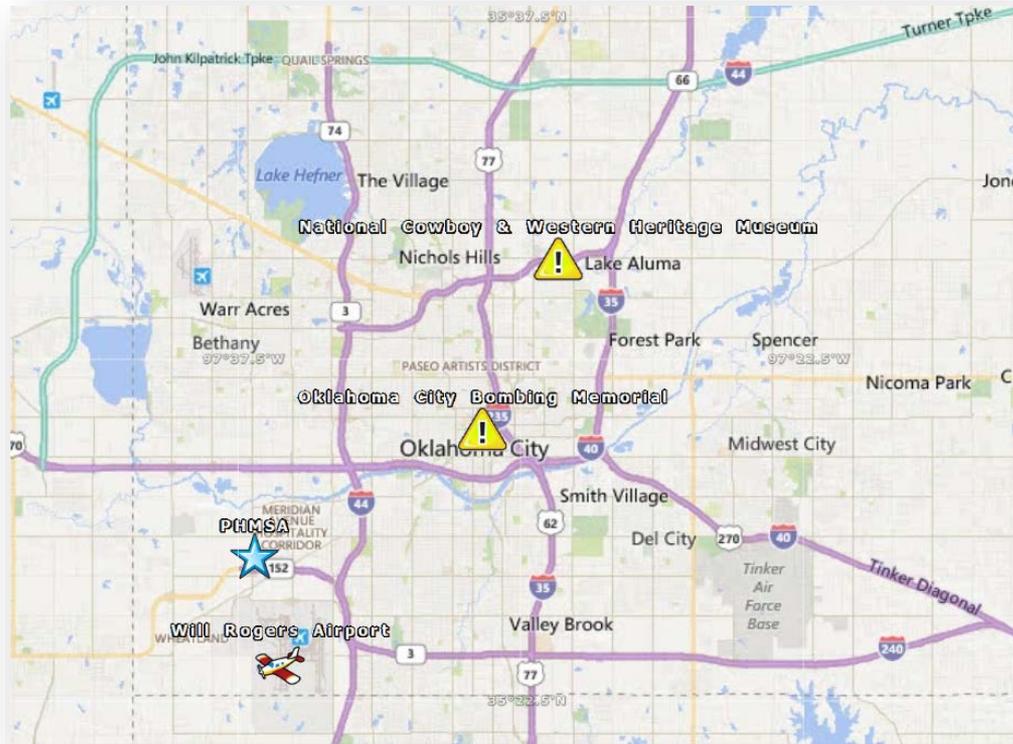
27-28 March 2019

Oklahoma City, OK

Meeting Location

U.S. Department of Transportation, Pipeline and Hazardous Materials Safety Administration (PHMSA)

3700 S MacArthur Blvd
Oklahoma City, OK 73179



Meeting Theme

Planning, Preparedness and Response to Transportation Spills

Focus:

- **Pipeline**
- **Highway**
- **Railway**
- **Barge**

With cross-regional Potential Responses, Responses On The Major Rivers From Pipeline Spills (AR, MS, MO Rivers, Etc.), Industry-led Initiatives For Preparedness (Transcaer, Etc.).

Potential Agenda Topics

- Outreach by industry groups on transportation (pipeline groups, TRANSCAER, etc.)
- Emergency Management Assistance Compact -- EMAC (briefing / update)
- Tabletop exercise response to major incident which would affect both Regions... (e.g., a large railcar incident just north of the SE Missouri / NE Arkansas border that affects both states... lots of waterways in the area...)
- Briefing on the Cushing area (statistics, consequences of a major release)

Meeting Timeline

RRT	Date	Time	Meeting	Room
6	Tuesday March 26	1300 – 1630	Executive Committee Meeting	Twister Rm
6	Wednesday March 27	0800 – 1130	Region – specific RRT meeting (to cover any business issues)	Twister Rm
7				Chisholm Trail Rm
Both	Wednesday March 27	1300 – 1700	Joint Meeting	Twister Rm
Both	Thursday March 28	0800 – 1630	Joint Meeting	Twister Rm



State Report Outs -- ADEM



RRT-6 Fall 2018 Meeting

00 XXX 2018



Arkansas



PRIMARY	ADEM	Chris	Foreman	Chris.foreman@adem.arkansas.gov
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PRIMARY	ADEQ	Sontyna	Dixon	dixons@adeq.state.ar.us
ALTERNATE	ADEQ			
PRIMARY	ADH	Lori	Simmons	lori.simmons@arkansas.gov
ALTERNATE	ADH			



Executive Summary

Arkansas

Challenges-	
Lessons Learned-	
Best Practices-	



Other Key Personnel Changes

Arkansas

Agency	Role	Incoming Name	Outgoing Name



Metrics/Trends/Challenges

Arkansas



Laws/Regulations/Policies

Arkansas



Accomplishments

Arkansas

Training

Description	Dates
123 HazMat Training Activities	FY2017
2114 Students	

Exercises/Workshops

Description	Dates
93 Exercises	Jan 2108 to date
4849 participants	

Fed/State/Local planning and coordination efforts

Description	Dates
3-LEPC Workshops	
94 participants	28/75 LEPCs Represented



Outlook

Arkansas

Training

Description	Dates

Exercises/Workshops

Description	Dates

Fed/State/Local planning and coordination efforts

Description	Dates

State Report Outs -- ADEQ



RRT-6 Fall 2018 Meeting

11 08-09 2018



Arkansas



PRIMARY	ADEM	Bill	James	Bill.James@adem.arkansas.gov
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ALTERNATE	ADEQ			
PRIMARY	ADH	Lori	Simmons	lori.simmons@arkansas.gov
ALTERNATE	ADH			



Executive Summary

Arkansas

Challenges-	N/A
Lessons Learned-	N/A
Best Practices-	Continue sharing information to better handle the situations.



Other Key Personnel Changes

Arkansas

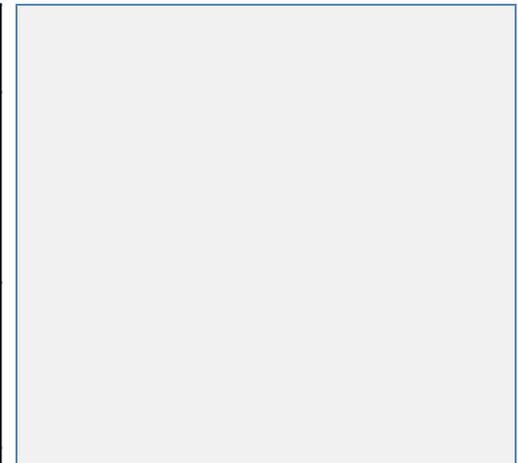
Agency	Role	Incoming Name	Outgoing Name
N/A			



Incident Name

Arkansas

Date:	N/A
Type and amount of product spilled:	
Cause of spill:	
Key operational activities:	
Agencies Involved:	
Major lessons learned:	



Incident Location

Metrics/Trends/Challenges
Calendar Year 2018 Missouri

- 20 methamphetamine (meth)-related incidents (trend continues downward)
- 622 non-meth incidents
- 148 on-scene responses (23.7 percent of calls received)
- 138 outreach events across the State
- 275 calls for technical assistance

Category	Percentage
Gasoline	22%
Human Sewage	18%
Mercury	14%
Other	11%
Unknown	8%
Petroleum Oil/Lubricant	3%
Diesel Fuel	2%
No Material	2%
Human Sewage	2%
Mercury	1%
Gasoline	1%
Other	0%

Photo



Metrics/Trends/Challenges

Arkansas

- 499 incidents were reported as of 10/30/18 - down from 498 reported the previous year
- 299 involved petroleum (294 previous year).
- 8 involved chemicals (31 previous year).
- In 2017 there were 6 Governor Disaster Proclamations. So far in 2018 there have been 3.



Laws/Regulations/Policies

Arkansas

- N/A



Accomplishments

Arkansas

Training

Description	Dates
N/A	

Exercises/Workshops

Description	Dates
Enterprise Products TTX	June 26, 2018
Emmet Sanders Lock and Dam TTX	July 26, 2018

Fed/State/Local planning and coordination efforts

Description	Dates
Joint Arkansas/FEMA Region 6NMSZ Earthquake Plan TTX	April 25 -26, 2018



Outlook

Arkansas

Training

Description	Dates
N/A	

Exercises/Workshops

Description	Dates
N/A	

Fed/State/Local planning and coordination efforts

Description	Dates
N/A	

State Report Outs -- Louisiana



RRT-6 Fall 2018 Meeting

00 XXX 2018

Louisiana - LDEQ



PRIMARY	LDEQ	Jeff	Dauzat	jeff.dauzat@la.gov
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PRIMARY	LPCC	Mark	Ryan	mryan@lsuhsc.edu
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PRIMARY	LSP	John	Porter	john.porter@la.gov



Executive Summary

Louisiana

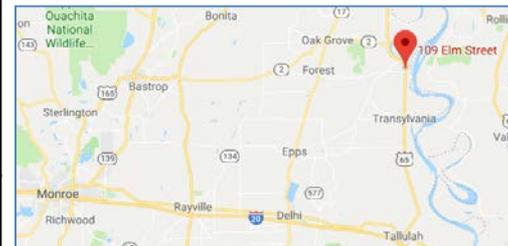
Challenges-	Budgetary Constraints
Best Practices-	Continued cooperation with State & Federal partners in preparation of storm events.



CO Fatality

Lake Providence, Louisiana

Date:	5/21/2018
Type and amount of product spilled:	Carbon Monoxide Poisoning
Cause of spill:	Burning insulation in wall of home. Initially suspected to be Pesticides or heating of Fabuloso on stove top.
Key operational activities:	Home entry with SCBA by LSP ESU. Trace amounts of CO found but nothing alarming. Months later the wall of the home was cut out due to suspected insulation fire.
Agencies Involved:	LDEQ, LSP ESU, Local Authorities
Major lessons learned:	CO is the silent killer



Incident Location



AFCO/ZEP Facility Fire

Shreveport, Louisiana

Date:	9/5/18
Type and amount of product spilled:	Bleach, Caustic, Various Cleaning Agents
Cause of spill:	Release of flammable liquids during the blending process resulted in an ignition and subsequent fire. Exact cause of the initial release is still under investigation.
Key operational activities:	Standing liquid removal (Product/Fire Water), Soil Excavation, Air Monitoring
Agencies Involved:	LDEQ, LSP ESU, Local Fire
Major lessons learned:	Assure proper training for personnel working with Hazardous Materials.



Incident Location



Photo



NuStar Energy Ammonia Pipeline

Downsville, Louisiana

Date:	9/16/18
Type and amount of product spilled:	Ammonia 300 lbs released to ground & air
Cause of spill:	Weld failure on a pipeline
Key operational activities:	Air Monitoring Product Flaring Soil Excavation
Agencies Involved:	LDEQ, LSP, Local Law Enforcement
Major lessons learned:	May have increased incidents due to aging pipelines.



Incident Location



Photo



Metrics/Trends/Challenges

Louisiana

5/18/18 to 10/31/18

Non-Emergency Notifications	938
Emergency Notifications	420
Complaints	1967



Accomplishments

Louisiana

Training

Description	Dates
Air Monitoring Training for Local/State Responders	Multiple
Concrete & Aggregate Association Training	10/18/18
SCAT Training	10/23/18-10/25/18

Exercises/Workshops

Description	Dates
LEPA Conference	5/14-16/18
NDRP	7/16-18/18
Nuclear Power Plant Exercises	Multiple
LEPC Workshops	Multiple
Community Level HAZMAT Response Drill	10/3/18

Fed/State/Local planning and coordination efforts

Description	Dates
Pre-Hurricane Coordination	Multiple



Outlook

Louisiana

Training

Description	Dates
Air Monitoring Training for Local/State Responders (JESTC)	Multiple
LDEQ Internal Responder Training	Multiple

Exercises/Workshops

Description	Dates
Nuclear Power Plant Exercises	Multiple

Fed/State/Local planning and coordination efforts

Description	Dates
Parish LEPC Meetings	Multiple

State Report Outs -- LOSCO



RRT-6 Fall 2018 Meeting

00 XXX 2018

Louisiana



PRIMARY	LDEQ	Jeff	Dauzat	jeff.dauzat@la.gov
ALTERNATE	LDEQ	Daniel	Lambert	daniel.lambert@la.gov
ALTERNATE	LDEQ	Jerry	Lang	jerry.lang@la.gov
ALTERNATE	LDEQ	Ji	Wiley	ji.wiley@la.gov
PRIMARY	GOHSEP	Chris	Guilbeaux	Christopher.Guilbeaux@LA.GOV
PRIMARY	LSUHSC	Jimmy	Guidry	jguidry@la.gov
ALTERNATE	LSUHSC	Luanne	White	lawhite@tulane.edu
PRIMARY	LOSCO	Marty	Chabert	marty.chabert@la.gov
ALTERNATE	LOSCO	Karolien	Debusschere	Karolien.Debusschere@la.gov
PRIMARY	LPCC	Mark	Ryan	mryan@lsuhsc.edu
ALTERNATE	LSP	Gene	Dunegan	gene.dunegan@la.gov
PRIMARY	LSP	John	Porter	john.porter@la.gov



Executive Summary

Louisiana

Challenges-

LOSCO has added several new positions in the past year and will continue to add more positions.

Best Practices-

LOSCO has been developing a database to better facilitate the sharing of information with our partners and public.



Other Key Personnel Changes

Louisiana/LOSCO

Agency	Role	Incoming Name	Outgoing Name



Castex West Deer Island

Louisiana

Date:	07/08/2018
Type and amount of product spilled:	32 barrels of crude oil
Cause of spill:	Storage tank overflowed and the sump system failed
Key operational activities:	The oil was flushed into collection points within the boom where it was recovered by drum skimmers
Agencies Involved:	LOSCO, LDEQ, LDWF, USCG
Major lessons learned:	The CGA belt skimmer was utilized to collect oiled hyacinth which greatly decreased response personnel needed and time completing spill recovery

Incident Location



Photo



Hilcorp Burrwood

Louisiana

Date:	08/16/2018
Type and amount of product spilled:	23 barrels of crude oil
Cause of spill:	A transfer pump failed and sprayed oil into the water
Key operational activities:	The spill was contained with boom underneath the facility and collected with drum skimmers
Agencies Involved:	LOSCO, LDEQ, LDWF, USCG
Major lessons learned:	Prior to the spill, hard boom had been placed between the platform and sensitive habitat along side of the facility reducing impact to sensitive habitat

Incident Location



Photo



Lobo Breton Sound

Louisiana

Date:	06/07/2018
Type and amount of product spilled:	3 barrels of crude oil with a potential to have been much greater
Cause of spill:	M/V SUNFIGHTER struck the Breton Sound 18 platform, and a 6 inch bulk line began leaking at a valve stem
Key operational activities:	Boom was deployed to surround the spill site and contain the oil. Oil was collected with sorbent pads and boom. Overflights were performed to monitor spill and trajectory
Agencies Involved:	LOSCO, LDEQ, USCG
Major lessons learned:	Rapid response with appropriate tools and containment methods greatly reduced additional oiling impacts

Incident Location



Photo



NRDA Settlements

Louisiana

- The Lake Washington, Mendicant Island, and West Champagne Bay settlement involved 3 spills with the same responsible party and provided the State with \$2,014,500 in restoration funds.
- The Green Canyon Block 248 NRDA case was settled by State and Federal Trustees for \$3,625,000 in restoration funds.



Metrics/Trends/Challenges

Louisiana

Yearly reporting trends

Total oil related reports for calendar year 2016: 1,438

Total oil related reports for calendar year 2017: 1,580

Total oil related reports for 1/1/18-10/26/18: 1,296



Laws/Regulations/Policies

Louisiana

- **Statewide GRS Executive Steering Committee**
Focus our time on developing an effective (and repeatable) communication strategy that ensure "continual" buy-in at all levels of government (state agencies, parish, emergency manager)
- **NRDA and Response**
RRT VI priority
Multiple drills



Accomplishments

Louisiana

Training

Description	Dates
UAS (drone) Training	8/21/18-8/22/18
ICS 400 Training	9/27/18
SCAT Training	10/23/18-10/25/18
HAZMAT	Various

Fed/State/Local planning and coordination efforts

Description	Dates
South Central Area Committee Meeting	6/12/18
Southeast Area Committee Meeting	7/11/18
Southwest Area Committee Meeting	8/30/18
Pre-Hurricane Coordination	Various
Statewide Geographic Response Strategies Executive Steering Committee	Various



Accomplishments

Louisiana

Exercises/Workshops

Description	Dates
Chevron Drill*	5/14/18-5/18/18
Louisiana Offshore Oil Port Drill*	6/14/18
Southeast Louisiana Area Natural Disaster Response Plan Exercise	7/16/18-7/18/18
Frank's International Presentation	8/10/18
Blessey Marine Table Top Exercise	8/15/18
LEPA Workshops	9/17/18-9/20/18
Plains All American Pipeline Drill*	9/20/18
PBF Holding Drill	9/25/18
Citgo WCD Drill*	10/10/18-10/11/18
CAMO Meeting	10/30/2018



Outlook

Louisiana

Training

Description	Dates
Science of Oil Spills	11/26/18-11/30/18
40 Hour HAZMAT & 8 Hour Refresher	Various

Exercises/Workshops

Description	Dates
Chevron Drill	5/20/19-5/24/19

Fed/State/Local planning and coordination efforts

Description	Dates
Clean Gulf	11/13/18-11/15/18
SELA AC Meeting - NOLA	11/13/18
Statewide AC meeting- Baton Rouge	Spring 2019

State Report Outs – New Mexico



RRT-6 Fall 2018 Meeting

00 XXX 2018



New Mexico



PRIMARY	NMED	Stephen	Connolly	Stephen.Connolly@state.nm.us
ALTERNATE	NMED	John	Kieling	john.kieling@state.nm.us
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PRIMARY	NMHD			
PRIMARY	NMHSEM	Brian	Simeone	brian.simeone@state.nm.us
ALTERNATE	NMHSEM	Henry	Jolly	henry.jolly@state.nm.us



Executive Summary

New Mexico

Challenges-	Mercury Spill
Lessons Learned-	Response Procedures are being revamped. Mercury detectors are need for quick deployment to spill sites.
Best Practices-	The EPAs response to the incident was note worthy.



Personnel Changes

New Mexico

Agency	Role	Incoming Name	Outgoing Name
NMDHSEM	Technological Hazards Unit Manager	Brian Simeone	

 <p>Amount spilled:</p>	<p>8/25/2018</p> <p>Mercury 10 to 15 milliliters</p>
<p>Cause of spill:</p>	<p>The mercury spill originated from an old blood pressure gauge/monitor that the nurse was using to examine the student. Once the release was noticed, the nurse evacuated the student with taken measures to not step in the spilled mercury; the blood pressure gauge/monitor was moved to a biohazard room located across the hall from the examination room; the examination and biohazard rooms were closed and sealed with tape; and all personnel were evacuated from the clinic.</p>
<p>Key operational activities:</p>	<p>Initial Assessment Removal Activities</p>
<p>Agencies Involved:</p>	<p>EPA</p>
<p>Major lessons learned:</p>	



Incident Location



Photo



Metrics/Trends/Challenges

New Mexico



NM has seen an uptick in Mercury Incidents.



Laws/Regulations/Policies

New Mexico

- Updating the New Mexico Hazardous Materials Emergency Response (NM HMER) Plan
- Updating NM Public Law



Accomplishments

New Mexico

Training

Description	Dates
Cameo TtT	Sep 18 - 21

Exercises/Workshops

Description	Dates

Fed/State/Local planning and coordination efforts

Description	Dates
Hazmat Safety Board	Sep 11
SERC Meeting	Sep 25



Outlook

New Mexico

Training

Description	Dates
Cameo TtT	TBD
HMEP Grant Training	TBD

Exercises/Workshops

Description	Dates
LEPC Tier II Workshop	Jan 2019

Fed/State/Local planning and coordination efforts

Description	Dates
SERC Meeting	Nov 29

State Report Outs -- TCEQ



RRT-6 Fall 2018 Meeting

00 XXX 2018

Texas



PRIMARY	TCEQ	Anthony	Buck	anthony.buck@tceq.texas.gov
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ALTERNATE	TDEM	Ben	Patterson	ben.patterson@dps.texas.gov
PRIMARY	TDSHS	Bruce	Clements	
ALTERNATE	TDSHS	Jeff	Hoogheem	jeff.hoogheem@dshs.state.tx.us
ALTERNATE	TGLO	Steve	Buschang	Steve.Buschang@glo.texas.gov
PRIMARY	TGLO	Jimmy	Martinez	Jimmy.a.martinez@glo.texas.gov
PRIMARY	TPWD	Johanna	Gregory	Johanna.Gregory@tpwd.texas.gov
PRIMARY	TRRC	Peter	Pope	peter.pope@rrc.texas.gov
ALTERNATE	TRRC			



Executive Summary

Texas

Challenges-	If its not burning or exploding its raining and flooding
Lessons Learned-	Inter-Agency cooperation is key during complex responses
Best Practices-	Continue building relationships with fellow Agency partners



Personnel Changes

Texas

Agency	Role	Incoming Name	Outgoing Name
TCEQ	Commission Chairman	Jon Niermann	Bryan Shaw
TCEQ	Commissioner	Emily Lindley	Toby Baker
TCEQ	Executive Director	Toby Baker	Richard Hyde
TCEQ	Region 12 Director	Nicole Beale	Ashley Waddick



Valley Feed Mill Fire Winnsboro TX

Date:	September 25,2018
Type and amount of product spilled:	Ammonium Nitrate Fire
Cause of spill:	Electrical
Key operational activities:	Local responders evacuated the area and decided to let it burn. TCEQ and EPA performed air monitoring of the perimeter
Agencies Involved:	Local responders , TCEQ, EPA, and the Office of the State Chemist
Major lessons learned:	Prior planning and knowledge of the plant greatly helped the response efforts





Metrics/Trends/Challenges

Texas

TCEQ has opened 1,514 Emergency Response Incidents, has conducted 296 onsite ER investigations, and 423 ER evals (record review investigations).

TCEQ had 28 State lead projects in FY 2018 spending over a half million dollars.

So far in FY2019 we've had six State lead projects with spending over a quarter million dollars.



State Report -- TGLO



RRT-6 Fall 2018 Meeting

08 November 2018



Executive Summary

Texas

- The Texas General Land Office continues to serve the people of Texas and protect the coastal environment by promoting and enforcing the Oil Spill Prevention and Response Act. Although spill calls and response numbers have generally decreased since the Eagle Ford Shale boom, spill calls statewide and TGLO responses for January-October, 2018 have slightly increased.
- The GLO recently received an application submitted to the U.S. Dept. of Transportation Maritime Administration (MARAD) by Texas Gulf Terminals, Inc. to construct and operate a deepwater port for the export of domestically produced crude oil. The project would accommodate Very Large Crude Carriers (VLCCs) which can carry up to 2 million barrels of product per vessel. The project will be located approx. 15 miles off the Corpus Christi coast and include a new onshore terminal to send crude via two 30 inch pipelines to the system with a capacity of about 500,000 barrels per day. The application is currently under review by local, state and federal regulatory entities, including the TGLO.
- The TGLO continues to experience success with its Vessel Turn In Program and is currently planning the next VTIP event in the Galveston area for the end of February, with others to follow in 2019 along the coast.
- The Texas Legislature returns in January and the Oil Spill division is working on additional funding efforts for derelict vessel removal, as well as focusing efforts on steel hull vessel removal as the price of steel increases.
- Additionally, a major spill TGLO worked near Port O'Connor has brought new attention to the longstanding issue of the many abandoned pipelines that lie in Texas waters. In June, the dredge barge Jonathan King Boyd spud struck a buried pipeline resulting in a 3,450 barrel crude condensate spill in Matagorda Bay. We anticipate the GLO will participate in discussions of pipeline and platform location and removal.



Personnel Changes

Texas

Agency	Role	Incoming Name	Outgoing Name
TGLO	Upper Texas Coastal Zone Regional Director	Craig Kartye	Scott Gaudet
TGLO	Oil Spill Region 1 Nederland Manager	Johnny Darcey	J.T. Ewing
TGLO	Oil Spill Region 2 La Porte Manager	Jeffrey Davis	
TGLO	South Texas Coastal Zone Regional Director	Kim Griffith	
TGLO	Oil Spill Region 3 Corpus Christi Manager	Brent Koza	Jay Veselka
TGLO	Oil Spill Region 5 Port Lavaca Manager	Robb Muil	



Incident – TGLO 2018-1385

Date:	April 17, 2018	Location: Matagorda Bay Calhoun County
Type and amount of product spilled:	Crude Oil Condensate / Estimated 145,236 gallons	
Cause of spill:	Dredge JONATHAN KING BOYD, document number 531552 owned and operated by RLB Contracting Inc. struck a 20 inch pipeline owned and operated by Genesis Energy L.P., near ICWW mile marker 471.5.	
Key operational activities:	<ul style="list-style-type: none"> ▪ Ensure crew safety ▪ Extinguish fire ▪ Patrol area to locate and monitor existing and potential pollution ▪ Provide technical assistance & transportation for cleanup ops, including drone pilot ▪ Patrol highly environmentally sensitive areas southwest of spill location (Saluria & Muleslough Bayous & Bayucos Island) for residual pollution 	
Agencies Involved:	<ul style="list-style-type: none"> ▪ US Coast Guard ▪ Tx Dept. of Public Safety ▪ Tx Railroad Commission ▪ Emergency Management Coordinator ▪ Tx Parks and Wildlife (advisory) 	
Major lessons learned:	Additional resources (private, local, state and federal) should be directed to locating and documenting offshore pipelines as well as ensuring pre construction due diligence is completed.	



Dredge Barge Jonathan King Boyd - TGLO Spill 2018-1385



Dredge Barge Jonathan King Boyd - TGLO Spill 2018-1385



Spill Response TGLO 2018-1385

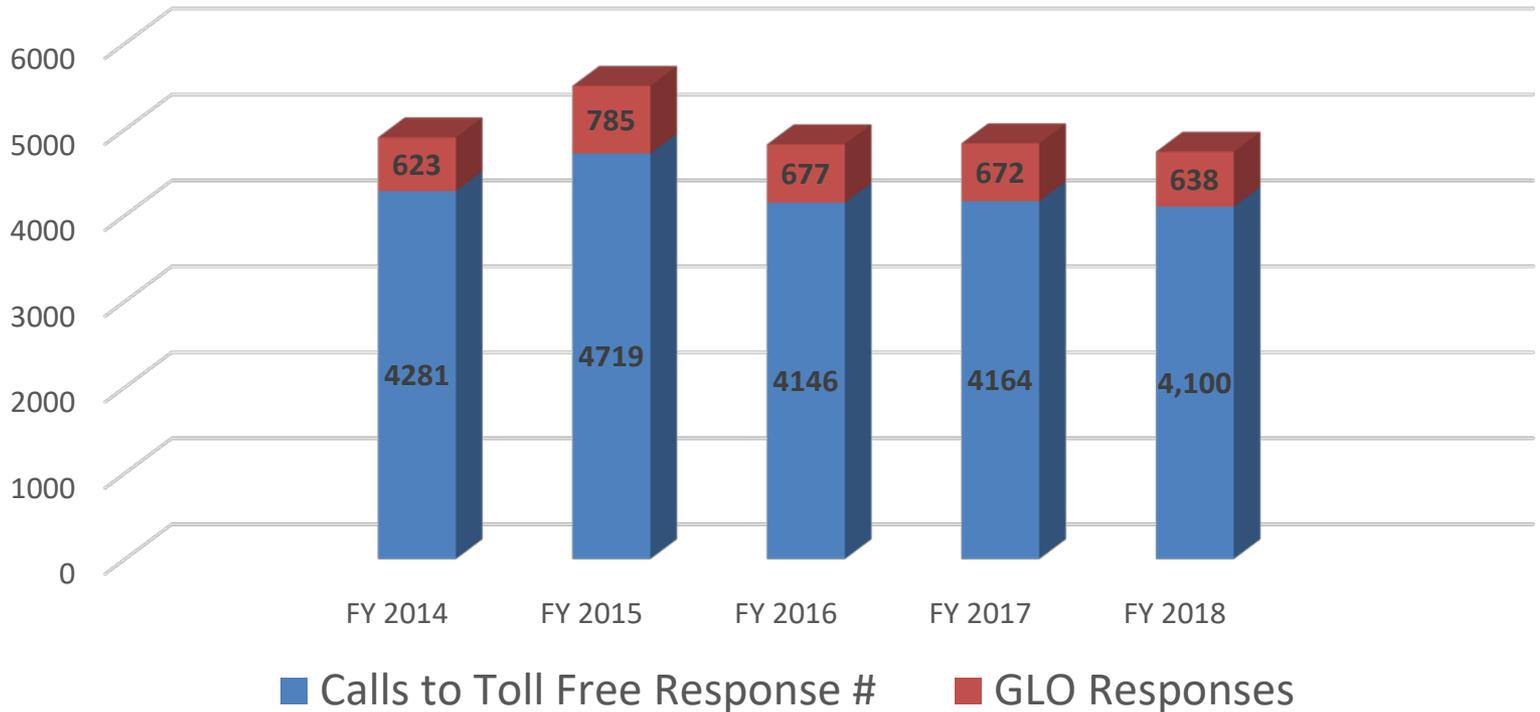




Historical Trends

Texas Spill Reports & Spill Responses FY 14-19

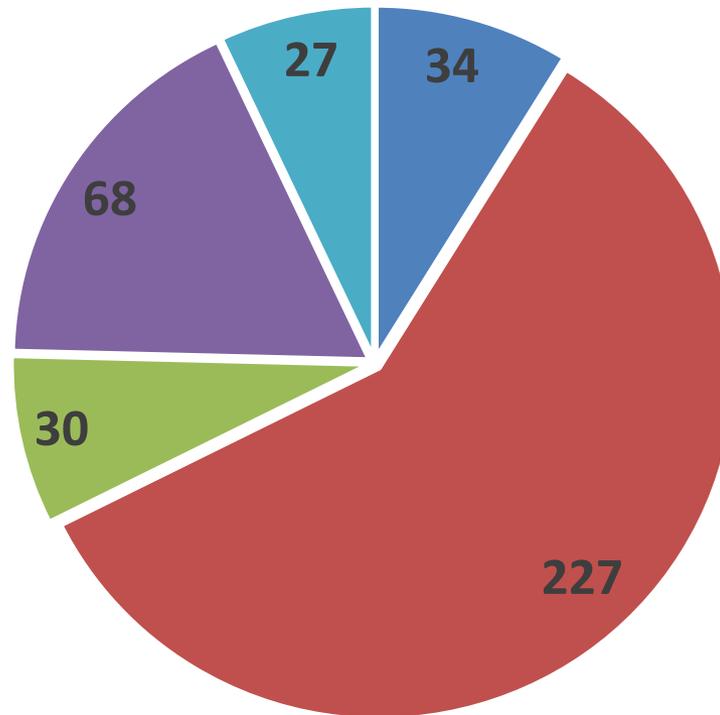
For fiscal years 2016-2018, the number of statewide calls to the TGLO response line was consistent, ranging between 4,100 and 4,200 notification calls. Responses within TGLO jurisdiction also show a similar, consistent trend at just under 700 responses each year.





Metrics/Trends Texas

April 25-October 25, 2018
386 Spill Responses

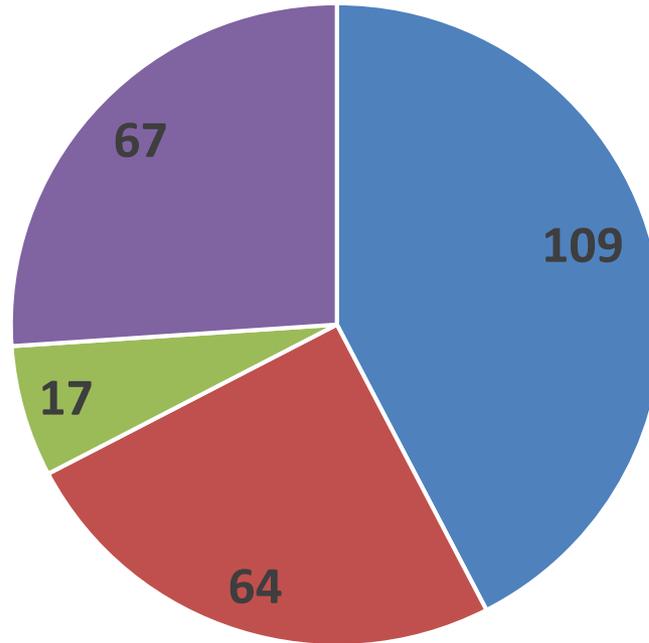


■ Drill ■ Spill Found ■ Threat ■ No Spill Found ■ Non JD by GLO



Metrics/Trends Texas

April 25-October 25, 2018 Spill Sources

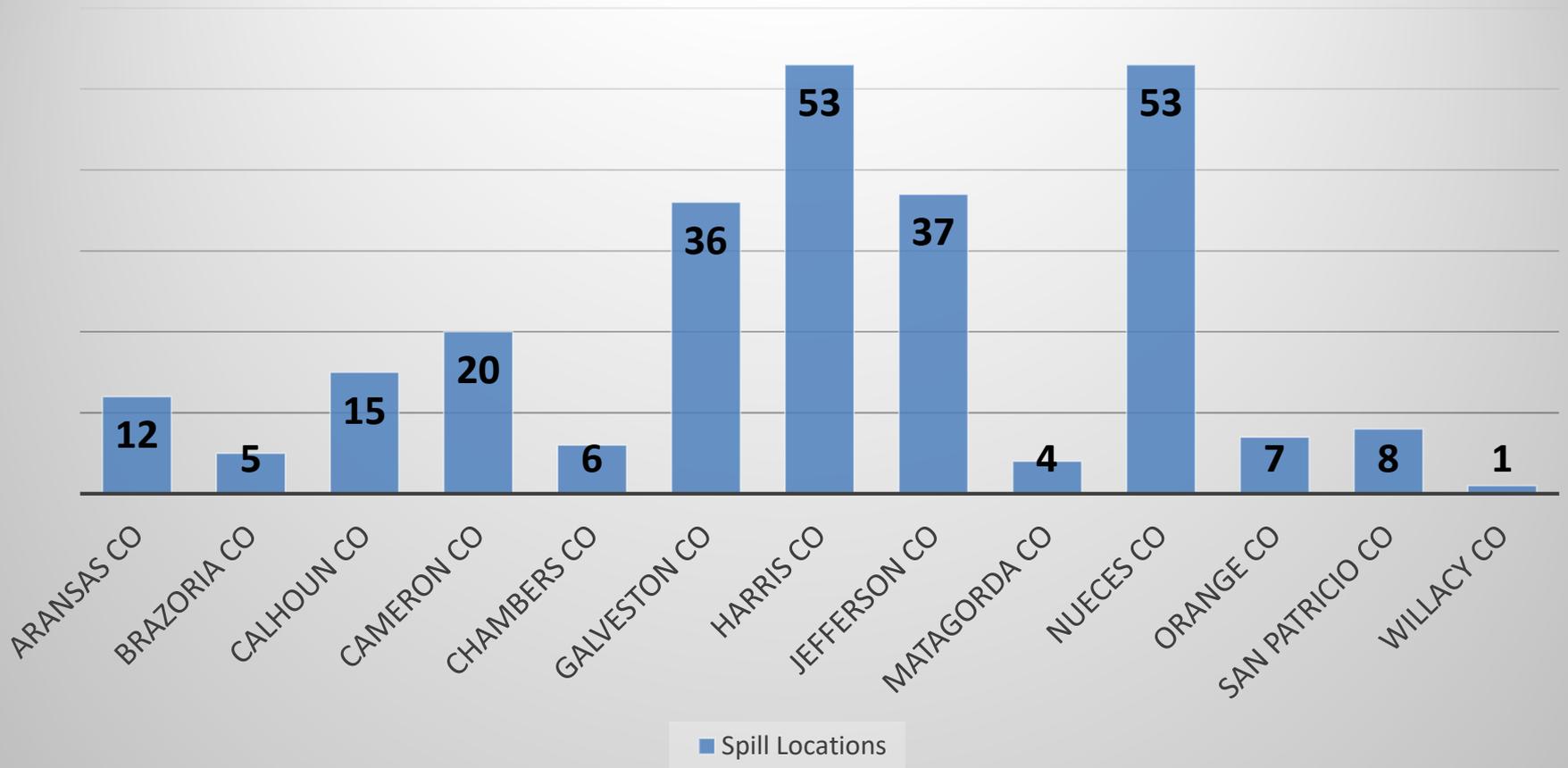


■ Vessels ■ Facilities ■ Other ■ Unknown



Metrics/Trends Texas April 25-October 25, 2018

Spill Locations



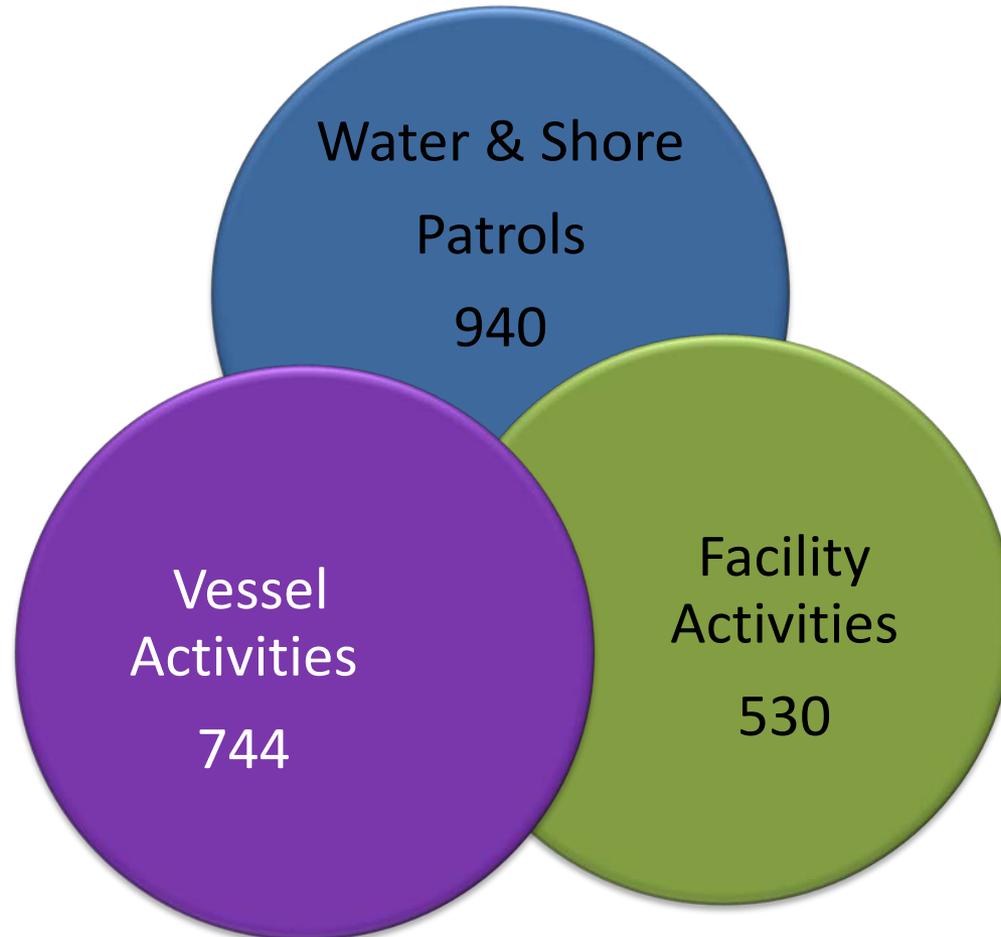


Metrics/Trends

Texas

April 25-October 25, 2018

Prevention Activities





Accomplishments

Texas

TGLO Staff Training

Description	Dates
Oil Spill Annual Training Academy	May 14-17 & May 21-24
USCG Responder College	June 2018
On Scene Coordinator Crisis Mgmt	Sept. 2018



Exercises/Workshops Texas

Description	Dates
Exxon SCAT Exercise	May 2018
All GLO Hurricane Exercise	June 2018
National Academy of Sciences (Austin SSC)	June 2018
Region 1 Valero Drill	June 2018
Texas Marine Debris Workshop	July 2018
Region 2 HWCG Source Control Drill Petroquest	August 2018
AMSTEP Exercise	August 2018
Region 2 VOPAK Deer Park Drill	August 2018
Region 3 USCG Women's Leadership Panel	August 2018
Region 2 Exxon Mobil GOM Drill	September 2018
Region 2 BSEE GIUE Drill Galveston	September 2018
Region 4 GIUE Drill Nustar	September 2018
Region 1 Energy Transfer Drill	October 2018
Region 1 Motiva Drill	October 2018
Region 3 Cold Stunned Turtle Training	October 2018



Federal/State/Local Planning and Coordination Efforts Texas

Event	Date
Region 3 NRDA Meeting – Austin, Texas	May 2018
Region 3 Hurricane Conference & DDC Exercise	May 2018
Region 4 Hurricane Awareness Tour-McAllen/Miller International Airport	May 2018
Region 4 DPS/TDEM Disaster District Committee Hurricane Planning Meeting	May, 2018
Region 5 Victoria Port Commissioner Meeting	June 2018
Region 1 SNCA Meeting (Sabine Neches Chiefs Association)	July 2018
Region 3 SWTAC Meeting (Southwest Texas Area Committee)	July 2018
Region 2 CTCAC Workgroup (Central Texas Coastal Area Committee)	August 2018
Hurricane Harvey Research Symposium	August 2018
Region 5 Calhoun County Port Authority Meeting	Sept. 2018
Region 3 Port of Corpus Christi Authority Ship Channel Deepening Study Coordination Meeting	Sept. 2018
South Texas Coastal Zone ACP Meeting Brownsville	Oct. 2018
All Regions – Monthly LEPC Meetings	



Outreach Events Texas

Event	Date
Region 2 Texas Outlaw Challenge	June 2018
Region 5 Calhoun County Library Educational Event	June 2018
Region 3 Teach the Teacher	July 2018
Region 5 POCO Bueno Fishing Tournament	July 2018
Region 1 TED	July 2018
Captain of the Port Lighthouse Tour	August 2018
Sea Camp - Texas State Aquarium	August 2018
You Choose Career Expo	September 2018
Region 5 National Night Out	October 2018
Region 5 Adopt A Beach	October 2018
Region 5 Calhoun County Fair	October 2018
Region 3 Spoil Island/Rookery Cleanup	October 2018
Region 2 Brazosport College Presentation	November 2018



Outlook

Texas

Training

Description	Dates
Clean Gulf 2018, Sessions: Texas Mexico Spill Response readiness	Nov 13-15
Clean Gulf 2018 TGLO On-line Toolkit Presentation	Nov 13-15

Exercises/Workshops

Description	Dates
TAMU Superfund Training, College Station	Dec 17-18

Fed/State/Local planning and coordination efforts

Description	Dates
Gulf of Mexico Alliance, Monitoring Community of Practice, NOLA	Jan 15-16
Gulf of Mexico Ecosystem and Science Conference, Chair Session on Academia into Response	Feb 4-7
NRDA JAT Coordination	TBD
R&D RFA for funding announcement for 2020-21	Spring 2019

State Report Outs -- TRRC



RRT-6 Fall 2018 Meeting

11-08 2018

Texas



PRIMARY	TCEQ	Anthony	Buck	anthony.buck@tceq.texas.gov
ALTERNATE	TCEQ	Tom	Erny	Tom.Erny@tceq.texas.gov
PRIMARY	TDEM	Bryan	Becknel	bryan.becknel@dps.texas.gov
ALTERNATE	TDEM	Ben	Patterson	ben.patterson@dps.texas.gov
PRIMARY	TDSHS	Bruce	Clements	
ALTERNATE	TDSHS	Jeff	Hoogheem	jeff.hoogheem@dshs.state.tx.us
ALTERNATE	TGLO	Steve	Buschang	Steve.Buschang@glo.texas.gov
PRIMARY	TGLO	Jimmy	Martinez	Jimmy.a.martinez@glo.texas.gov
PRIMARY	TPWD	Johanna	Gregory	Johanna.Gregory@tpwd.texas.gov
PRIMARY	TRRC	Peter	Pope	peter.pope@rrc.texas.gov
ALTERNATE	TRRC	Jessica	Cofrancesco	Jessica.Cofrancesco@rrc.Texas.gov



Personnel Changes

Texas

Agency	Role	Incoming Name	Outgoing Name
Railroad Commission of Texas	Assistant Director, Oil & Gas Field Operations	Clay Woodul	Santos Gonzales
Railroad Commission of Texas	Assistant Executive Director, Railroad Commission of Texas Director, Oil & Gas Division	Danny Sorrells	Lori WROTENBERY



Metrics/Trends/Challenges

Texas

- Plugging Goals for FY18-FY19 (biennium)
 - 3,000 orphaned wells with \$67 million (ESF)
 - FY18 Plugged 1,440; FY19 Plug 1,560
- Plugging:
Currently 1,660 wells through 10/24/18 at an estimated cost of \$27M
- Site Remediation Goals for FY19:
 - 406 cleanup activities with \$20.9 million (OGRC)
- Site Remediation: As of Oct 31, 2018:
Authorized or completed 87 cleanup activities at cost of \$4.6M.



Executive Summary

Texas

Challenges-

**Brazos River Spill
(RRC, EPA, DPS,
Parks & Wildlife,
TCEQ)**

**River lies within a deep ravine, difficult terrain.
Booms were hard to deploy due to high water in
the river (flooding).
Source of crude release unknown due to the
extremely large watershed in this area.
Release was intermittent, not continuous.**

Lessons Learned-

Not equipped to handle the terrain but other agencies were very helpful in the process





Incident Name

Texas

Date:	September 13, 2018 10:40 PM
Type and amount of product spilled:	Crude Oil Spill (400 bbls) onto surface and into a pond
Cause of spill:	Valve on strainer left open when line started, overflowed a sump
Key operational activities:	Booms, pads, and an underflow dam constructed. Vacuum trucks, excavation, and trenching used to control and remediate.
Agencies Involved:	Railroad Commission of Texas EPA
Major lessons learned:	Heavy rains caused the controls to overflow, enlarging the contaminated area. Anticipate flooding and obtain permission in advance for emergency storage pits





Accomplishments

Texas

Training

Description	Dates
SOC Training:	
SOC101 at TDEM (Bunker)	August 8, 2018

Exercises/Workshops

Description	Dates
SOC Training:	
XMAP GIS (In-house)	July 16, 2018

Fed/State/Local planning and coordination efforts

Description	Dates
SOC Team (State Operations Center)	
Deployment- Invest 95L	Sept. 13-15, 2018



RRT-6 In-Situ Burn Policy Update

Mr. Adam Tyndale
Eighth Coast Guard District,
RRT-6 Response Committee, Chair

desk: (504) 671-2063
email: adam.j.tyndale@uscg.mil



Background

- Following East Wax Lake incident in 2015, placed on the RRT-6 Executive Committee priority list.
- Review of existing documents made it clear a new, updated document was required.
- Incidents of Nov/Dec 2017 helped to crystalize a clear path forward.
- Updated ACP ISB Appendices for Sector New Orleans, MSU Houma & MSU Port Arthur created; became framework for RRT-6 policy document.





What's New?

- One stop shop for ISB policy guidance (offshore, coastal, inland) – with links to appropriate plans.
- Updates current guidelines for non-preauthorized areas of Region 6 Coastal Zone.
- Aligns policy language with NCP.
- Outlines expectations for OSCs (briefing requirements, notifications, operational plans, etc.).
- Provides detailed, updated checklist.
- Clarifies Consultation/Concurrence Process.

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

RRT-6 In-Situ Burn Policy Table of Contents

Introduction	1
Purpose	1
In-Situ Burn Policy and Authorization Procedures	1
Emergency Situations	2
In-Situ Burn in the Coastal Zone	
Decision Making Tools	4
Initial Feasibility Analysis	4
In-Situ Burn Checklist for Non-Preauthorized Areas	5
Decision Not to Burn	11
Post Burn Reporting Requirement	11
APPENDIX A – In-Situ Burn Operations Plan	
Requirements	12
APPENDIX B – Relevant best practices, protocols, etc.	
1. Response Organization – The Incident Command System	15
2. In-Situ Burn Operations	18
3. In-Situ Burn Ignition and Burning Agent Use	21
4. Air Monitoring	23
5. Exposure Limits for Emissions	25
6. Heat Related Hazards	26
7. Collection and Containment	27
8. Post Burn Residue Recovery	29
9. State of LA Burn Monitoring Requirements	29
10. State of TX Burn Monitoring Requirements	29
APPENDIX C – In-Situ Burn Operational Checklist	30
APPENDIX D – Post Burn Reporting Requirement	30



What's New?(cont.)

- Provides decision making tools.
- Suggests ISB operations plan template and components for Site Safety Plan.
- Outlines Best Practices (ICS, air monitoring, collection & containment, exposure limits, Burning Agent examples, etc.).
- Internal operational checklist.
- Establishes post burn reporting requirements.
- Region 6 ACPs to incorporate new policy by reference.

5. Exposure Limits for Emissions

A robust and thorough air monitoring plan can help limit potential exposure of responders and the public to the particulates and gases commonly found in an ISB smoke plume. The following chart outlines some of the Occupational Safety and Health Administration's (OSHA) Permissible Exposure Limits (PEL) as well as some symptoms of possible over exposure.

Type of Hazard	Hazard Description	Exposure Limits	Symptoms of Over Exposure
Particulate Matter - 10 microns (PM10) Particulate size from 10 microns (includes all other in diameter) can reach the deep portion of lung (the area just past the cilia) and become a burden on the respiratory system. Thus the air quality standards are expressed as a fraction of particulate matter than 10 microns in diameter.	The median size of particulates in the smoke from fires is 0.5 microns, and as a result ground-level concentrations of PM ₁₀ rarely reach levels considered to be a health safety levels (used for the area directly in the smoke plume). For most individuals, exposure to most particulates becomes a problem only at high concentrations. However, some individuals may develop problems if levels reach over 1000.	OSHA PEL: 10 mg/m ³ over 8 hours OSHA PEL: 4 mg/m ³ over 15 minutes OSHA PEL: 3 mg/m ³ over 4 hours OSHA PEL: 1 mg/m ³ over 24 hours	Excessive PM ₁₀ will irritate the respiratory tract and cause breathing difficulties.
Polycyclic Aromatic Hydrocarbons (PAHs) A group of hydrocarbons found in both petroleum oil and the smoke plume. PAHs are also the main problem, and most are not very flammable. In ISB fires PAHs are particulates. Studies show that concentrations in the smoke plume before exposure limits.	Some PAHs are suspected carcinogens over a long-term exposure. The largest group being the soot and tar. The hazard is increased in ISB events. Because of the high temperatures most PAHs are carried in the combustion process and the concentration is usually higher in the oil than in the smoke.	OSHA PEL: 0.2 ppm for 8 hours (for visible PAHs)	None (Suspected carcinogen)
Carbon Dioxide (CO2) Colorless odorless gas produced by burning fossil fuels.	High levels CO ₂ may be detected at ground level.	OSHA PEL: 5000 ppm for 8 hours	Headache, dizziness, weakness, numbness, tingling, sweating, nausea, increased heart rate, increased blood pressure, loss of appetite, convulsions.
Sulfur Dioxide (SO2) Colorless, irritating gas with a pungent odor. The concentration emitted in a burn is directly related to the sulfur content of the oil.	SO ₂ gas and a corrosive irritant to eyes, skin, and mucous membranes by burning the soot and tar. The hazard is increased in ISB events. Because of the high temperatures most SO ₂ are carried in the combustion process and the concentration is usually higher in the oil than in the smoke.	OSHA PEL: 2 ppm for 8 hours	Irritation of eyes, skin, mucous membranes, and respiratory system.
Nitrogen Dioxide (NO2) Colorless, irritating gas with a pungent odor. The concentration emitted in a burn is directly related to the nitrogen content of the oil.	NO ₂ gas and a corrosive irritant to eyes, skin, and mucous membranes by burning the soot and tar. The hazard is increased in ISB events. Because of the high temperatures most NO ₂ are carried in the combustion process and the concentration is usually higher in the oil than in the smoke.	OSHA PEL: 1 ppm for 8 hours	Irritation of eyes, skin, and mucous membranes.
Carbon Monoxide (CO) Colorless, odorless gas produced by incomplete combustion of oils. It is a colorless, odorless gas that is toxic to humans.	The toxicity of CO is due to its high affinity to hemoglobin in the blood, displacing oxygen. The hazard of carbon monoxide from burn emissions is minimal. Data so far suggest that concentrations in oil fire smoke remain below exposure limits.	OSHA PEL: 35 ppm for 8 hours	Headache, weakness, dizziness, nausea, and high concentrations irritate and death.

RRT-6 In-Situ Burn Policy

APPENDIX C In-Situ Burn Operational Checklist

In-Situ Burn Operational Checklist
This internal checklist is to be completed by the FOSC or their designated representative. It should be used to confirm that all critical conditions, concepts, personnel and equipment necessary for the operation are in place and ready to go, prior to the initiation of the burn. This checklist is for internal use only and is not required for review or approval by RRT-6.

Approval and Notification Considerations

- ___ Applicable ISB checklist completed and approved by FOSC.
- ___ RRT-6 consultation conducted and concurrence given (if required).
- ___ Additional permits/approvals requested and granted by appropriate federal and state agencies/stakeholders (if applicable).
- ___ U.S. Coast Guard prepared to broadcast Notice to Mariners for proposed burn area(s).
- ___ Federal Aviation Administration (FAA) prepared to broadcast Notice to Airmen for proposed burn area(s), Temporary Flight Restriction(s) issued.
- ___ Radio, television and social media announcements have been made to notify public of proposed burn area(s), time of burn(s) and travel restrictions. (Coordinate through the Joint Information Center (JIC), if activated).
- ___ State or local emergency service groups notified and standing by to assist/coordinate responder evacuation efforts.

Operational Requirements

- ___ Oil is of sufficient thickness, and in sufficient condition, to support burn operations.
- ___ Vertical and horizontal visibility is sufficient to observe burn operations from the platform(s) assembled (vessel, aircraft, etc.).
- ___ A sufficient amount of daylight remains to initiate burn operations.



Policy Details

– Introduction

- Purpose & Applicability
- Consultation & Concurrence Process
- Decision Making Tools
 - Feasibility Analysis
 - Checklist

– Appendix A – In-Situ Burn Operations Plan

- ISB Operation Plan minimum requirements and template
- Site Safety Plan minimum requirements



Gulf of Mexico, off LA coast, May 2010



Delta National Wildlife Refuge, Jun 2014



Policy Details (cont.)

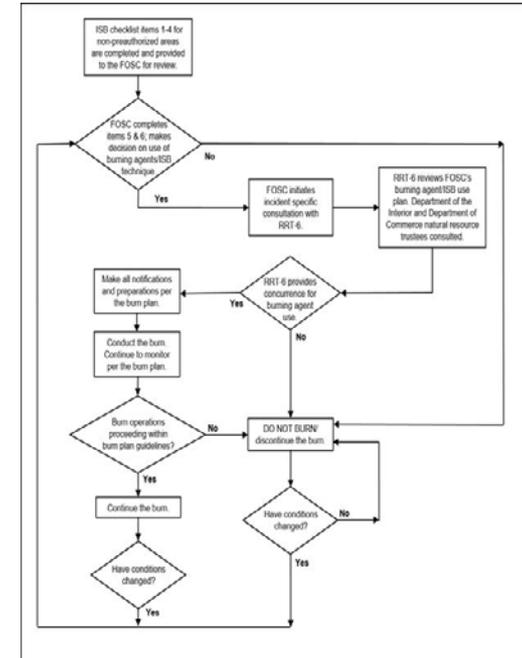
– Appendix B – Best Practices

- Response Organization - ICS
- ISB ignition and Burning Agent Use
- Air Monitoring
- Collection and Containment – Surface Collecting Agents
- Post Burn Residue Recovery

– Appendix C – In-Situ Burn Operational Checklist

- Itemized internal OSC review prior to ISB operation

– Appendix D – Post Burn Reporting Requirements



IVO Pointe-a-la-Hatche, LA, Nov 2017



Way Forward/Conclusion

- Living document; subject to routine reviews and updates.
- Protocols and best practices provided ensure the safest and most effective response possible.
- Will become an appendix to the Region 6 RCP.
- Region 6 Area Contingency Plans to incorporate by reference.
- Once adopted by RRT-6 (~Mar 2019), will begin updates on pre-authorization document.



Feasibility Factors	Hour 1 (Time)	Hour 2 (Time)	Hour 3 (Time)	Hour 4 (Time)
Operational Outlook				
1. Oil thickness \geq 2-3 mm				
2. Oil emulsion \leq 25-50%				
3. Wind Speed \leq 25 mph (water based)				
4. Wind Speed \leq 12 mph (land based)				
5. Water Depth over vegetation is \geq 2 cm				
6. Wave height \leq 3-5 feet				
7. Visibility \geq 500 ft vertically & \geq 0.5 mile horizontally				
8. Trained personnel on-scene & ready				
9. Equipment on-scene & ready				
10. ISB Plan has been provided to FOSC (see Appendix A for template)				
Planning Concerns				
11. Operation poses acceptably low risk to populated areas				
12. Burn poses acceptable risks to those resources likely impacted				
Public Safety Concerns				
13. Public notification completed and controls addressed				
14. Air monitoring equipment and personnel are deployed and standing by				





Any questions?

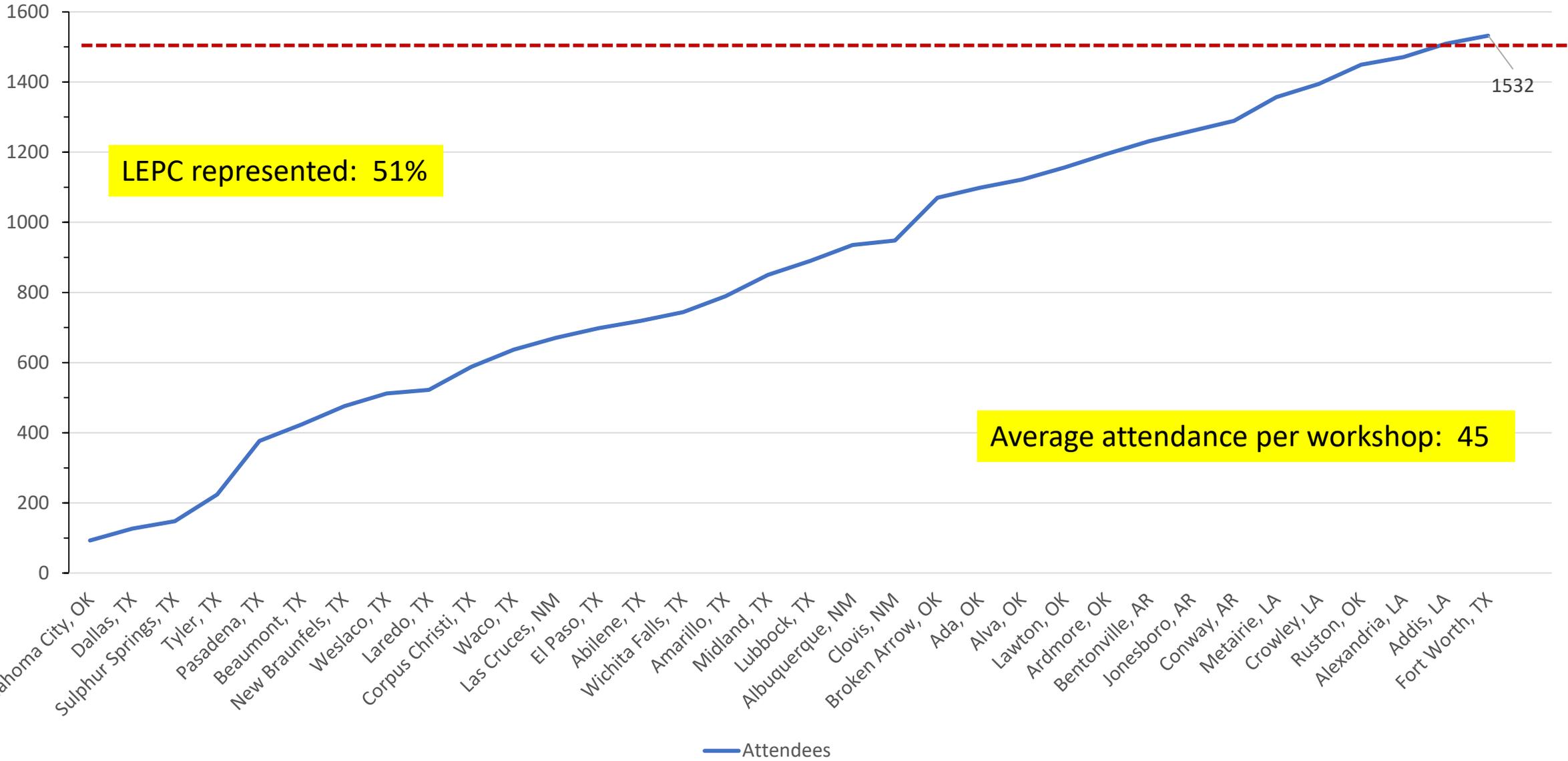
desk: (504) 671-2063

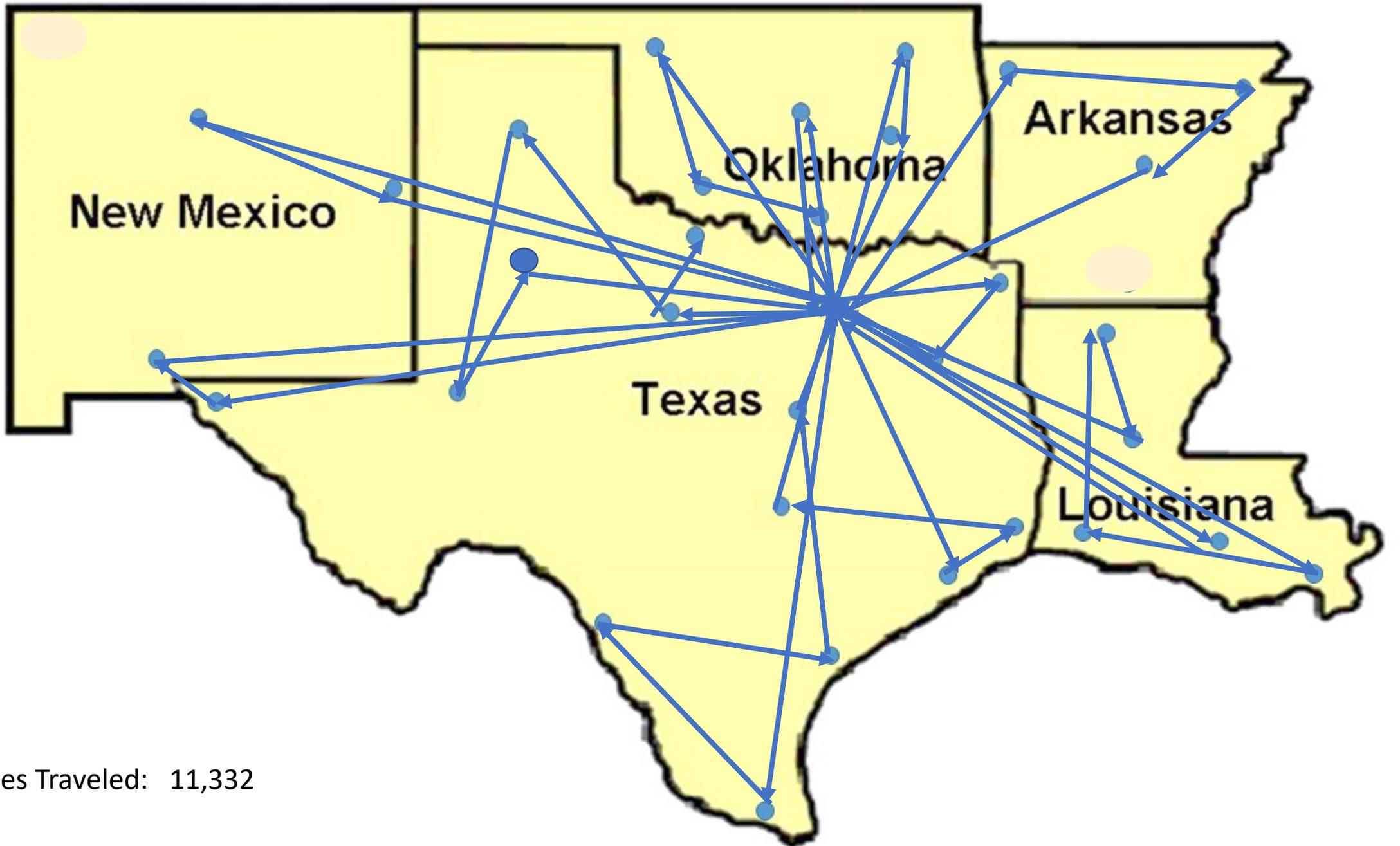
email: adam.j.tyndale@uscg.mil

2018 REGION 6 LEPC WORKSHOPS



LEPC Workshop Attendance Numbers





Miles Traveled: 11,332

AGENDA

8:30 – 8:45 AM	Introductions / Purpose of the Workshop	
8:45 – 9:30 AM	• Requirements LEPCs / Industry (by Statute)	EPA
9:30 – 9:45 AM	• Does it Really Work? Notifications during Incidents	EPA
9:45 – 10:00 AM	Break	
10:00 – 10:45 AM	• HAZWOPER Training Requirements	OSHA
10:45 – 11:15 AM	• National Response System – Organization / Planning for Government / Industry	EPA
11:15 AM – 12:45 PM	Lunch	
12:45 – 1:30 PM	• DHS/Protective Security Advisors – What They Offer / Lessons Learned	DHS PSAs
1:30 – 2:00 PM	• The Future of LEPCs	EPA
2:00 – 2:15 PM	Break	
2:15 – 3:00 PM	• State Programs / Issues	State
3:00 – 3:30 PM	• Keeping an LEPC Active – Parts 1 & 2	EPA
3:30 PM	Questions / Close – out	

1986



Community Notifications – Are They Working ?



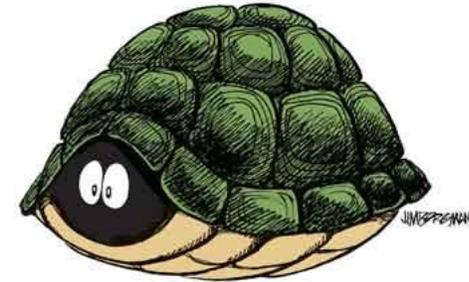
2018

Factoid



Since 2000, statistically there is approximately eight (8) shelter-in-places or evacuations of a community (whole or part) or of a facility due to a hazardous substance, oil, or other material incident somewhere, on a weekly basis

Since 2000, statistically there is more than one shelter-in-place or evacuation of a community (whole or part) or of a facility due to a hazardous substance, oil, or other material incident somewhere in Region 6, on a weekly basis



How do "we" ensure public notifications during a large incident are received by all members of the community who need to receive the notification?

How do "we" ensure public notifications during a large incident can be understood by the intended audience (language, education, cultural, etc.)?

How do "we" ensure public notifications (instructions) during a large incident are actually understood by the intended audience (shelter in place, evacuations, other protective actions)?

How do "we" ensure notifications to fence-line communities are received timely enough to actually be useful?

How do "we" ensure fence-line communities do not "react wrongly" to sirens they hear from the facilities?

How do "we" ensure the community understands that government "can't fix everything" during an incident... ?

Is the philosophy "We can't save everybody" acceptable ?

1986



National Response System – HazMat Planning



2018

FEDERAL FACILITY REQUIREMENTS FOR HAZMAT / OIL PLANNING

- **EPA's Oil Pollution Prevention Regulation (SPCC and Facility Response Plan Requirements) - 40 CFR part 112.7(d) and 112.20-.21;**
- **BSEE's Facility Response Plan Regulation - 30 CFR part 254;**
- **PHMSA's Pipeline Response Plan Regulation - 49 CFR part 194; part 195**
- **USCG's Facility Response Plan Regulation - 33 CFR part 154, Subpart F; part 156**
- **EPA's Risk Management Programs Regulation - 40 CFR part 68**

FEDERAL FACILITY REQUIREMENTS FOR HAZMAT / OIL PLANNING

- **OSHA's Emergency Action Plan Regulation - 29 CFR 1910.38(a);**
- **OSHA's Process Safety Standard - 29 CFR 1910.119;**
- **OSHA's HAZWOPER Regulation - 29 CFR 1910.120;**
- **EPA's Resource Conservation and Recovery Act Contingency Planning Requirements - 40 CFR part 264, Subpart D, 40 CFR part 265, Subpart D, and 40 CFR 279.52**
- **DHS Chemical Facility Anti-Terrorism Standards Site Security Plan -- 6 CFR 27.225**



**How do I even know who
these facilities are in my
community ???**

Independence County, AR

	COMPANY NAME	ADDRESS	CITY	ZIP	LATITUDE	LONGITUDE
CFATS		600 LIMEDALE ROAD	BATESVILLE	72501	35.4745	-91.4443
CFATS		625 SOUTH ALLEN	BATESVILLE	72501	35.76569	-91.64929
CFATS	AMERIGAS PROPANE, L.P.	3097 E. MAIN	BATESVILLE	72501	35.80847	-91.60651
CFATS	DENNY HICKMAN	625 S. ALLEN STREET	BATESVILLE	72501	35.7642711	-91.648453
CFATS	ED FRYER	1420 ST. LOUIS STREET	BATESVILLE	72501	35.762951	-91.642882
CFATS	ED FRYER	1810 S SAINT LOUIS ST	BATESVILLE	72501	35.76313	-91.643257
CFATS	FROSTYAIRES OF ARKANSAS, INC	3054 EAST MAIN STREET	BATESVILLE	72501	35.804882	-91.611382
CFATS	FUTUREFUEL CORP.	2800 GAP ROAD	BATESVILLE	72501	35.718889	-91.523611
CFATS	NORTH ARKANSAS FARM SUPPLY, INC.	HWY 167 NORTH	BATESVILLE	72501	35.807634	-91.610109
CFATS	P. COLEMAN TOWNSEND JR.	625 S. ALLEN	BATESVILLE	72501	35.76427113	-91.6484539
CFATS	ROBERT REEVES	2842 BATESVILLE, BLVD.	BATESVILLE	72501	35.6726	-91.61612
EHS	AIRGAS USA, LLC - MID SOUTH - BATESVILLE	25 SHIRRELL LANE	BATESVILLE	72501		
EHS	BATESVILLE 793 - HH4110	410 E BOSWELL ST	BATESVILLE	72501-5608		
EHS	BATESVILLE SOUTH 251 - HH4123	HWY 14	BATESVILLE	72501-9906		
EHS	BATESVILLE WATER UTILITIES	1755 CHANEY DRIVE	BATESVILLE	72501		
EHS	BATESVILLE WATER UTILITIES	500 RIVER BANK ROAD	BATESVILLE	72501		
EHS	BATESVILLE WATER UTILITIES	500 RIVER BANK ROAD	BATESVILLE	72501		
EHS	CONAGRA FROZEN FOODS	1810 SOUTH ST. LOUIS STREET	BATESVILLE	72501		
EHS	FLOWERS BAKING COMPANY OF BATESVILLE AR LLC	1490 14TH ST	BATESVILLE	72501		
EHS	FUTUREFUEL CHEMICAL COMPANY	2800 GAP ROAD	BATESVILLE	72501		
EHS	HEXION INC. - BATESVILLE	2140 N SAINT LOUIS STREET	BATESVILLE	72501		
EHS	OZARK MOUNTAIN POULTRY	1420 ST. LOUIS STREET	BATESVILLE	72501		
EHS	PECO FOODS, INC. - BATESVILLE HATCHERY	1600 WHITE DRIVE	BATESVILLE	72501		
EHS	PECO FOODS, INC. - BATESVILLE PROCESSING	625 S. ALLEN ST.	BATESVILLE	72501		
EHS	THE HOME DEPOT STORE #1411	3000 E HARRISON STREET	BATESVILLE	72501		

Independence County, AR

	FRP ID	TRI ID	RMP ID	LQG ID	SQG ID	COMPANY NAME	ADDRESS	CITY	ZIP	LATITUDE	LONGITUDE
FRP	FRP-6-AR-00322					FUTUREFUEL CHEMICAL COMPANY	2800 GAP ROAD	BATESVILLE	72501	35.72249	-91.52315
LQG				ARD006354294		FORMER WHITE-ROGERS REMEDIATION SITE	2895 HARRISON STREET	BATESVILLE	72501-2117	35.765573	-91.619652
LQG				ARD089234884		FUTUREFUEL CHEMICAL COMPANY	2800 GAP RD	BATESVILLE	72501	35.722567	-91.524977
LQG				ARD005072079		LACROIX PRECISION OPTICS	50 LACROIX DRIVE	BATESVILLE	72501	35.79324	-91.618958
LQG				ARR000026781		TERMINIX - BRANCH 2559	98 DRY KILN RD	BATESVILLE	72501	35.771066	-91.608056
RMP			1000 0017 3411			BATESVILLE COLD STORAGE	3054 EAST MAIN STREET	BATESVILLE	72501		
RMP			1000 0012 4046			BATESVILLE WATER TREATMENT PLANT	1755 CHANEY DRIVE	BATESVILLE	72501		
RMP			1000 0004 7558			FUTUREFUEL CHEMICAL COMPANY	2800 GAP ROAD, PO BOX 2357	BATESVILLE	72503		
RMP			1000 0009 5782			OZARK MOUNTAIN POULTRY2 - BATESVILLE, AR	1810 SOUTH ST. LOUIS ST.	BATESVILLE	72501		
RMP			1000 0006 0006			PECO FOODS, INC.	625 SOUTH ALLEN STREET	BATESVILLE	72501		
SQG					ARR000014688	THE HOME DEPOT #HD1411	3000 E HARRISON STREET	BATESVILLE	72501	35.76477	-91.617908
SQG					ARR000024562	TWH ENTERPRISES, LLC	700 PEPSI COLA RD	BATESVILLE	72501	35.739	-91.630083
TRI		72503RKNSS600LI				ARKANSAS LIME CO	600 LIMEDALE RD	BATESVILLE	72501		
TRI		72503RKNSSSTATE				FUTUREFUEL CHEMICAL CO	2800 GAP RD	BATESVILLE	72501		
TRI		72501LCRXP50LAC				LACROIX OPTICAL CO	50 LACROIX DR	BATESVILLE	72501		
TRI		72503TWNSN625SA				PECO FOODS INC - BATESVILLE PROCESSING	625 ALLEN ST	BATESVILLE	72501		



There are too
many plans !!!!!

Integrated Contingency Plan "One Plan"



28642 Federal Register / Vol. 61, No. 109 / Wednesday, June 5, 1996 / Notices

ENVIRONMENTAL PROTECTION AGENCY

DEPARTMENT OF TRANSPORTATION
Coast Guard
Research and Special Programs Administration

DEPARTMENT OF THE INTERIOR
Minerals Management Service
DEPARTMENT OF LABOR

Occupational Safety and Health Administration

[FR-5512-4]

The National Response Team's Integrated Contingency Plan Guidance

AGENCY: Environmental Protection Agency (EPA), U.S. Coast Guard (USCG), Minerals Management Service (MMS), Research and Special Programs Administration (RSPA), Occupational Safety and Health Administration (OSHA).

ACTION: Notice.

SUMMARY: The U.S. Environmental Protection Agency, as the chair of the National Response Team (NRT), is announcing the availability of the NRT's Integrated Contingency Plan Guidance ("one plan"). This guidance is intended to be used by facilities to prepare emergency response plans. The intent of the NRT is to provide a mechanism for consolidating multiple plans that facilities may have prepared to comply with various regulations into one functional emergency response plan or integrated contingency plan (ICP). This notice contains the suggested ICP outline as well as guidance on how to develop an ICP and demonstrate compliance with various regulatory requirements. The policies set out in this notice are intended solely as guidance.

ADDRESSES: Additional copies of this one-plan guidance can be obtained by writing to the following address: William Finan, U.S. Environmental Protection Agency, Mail Code 5101, 401 M Street SW, Washington, DC 20460. Copies of the ICP Guidance are also available by calling the EPCRA/RCRA/Superfund Hotline at (800) 424-9346 (in the Washington, DC, metropolitan area, (703) 412-9810). In addition, this guidance is available electronically at the home page of EPA's Chemical Emergency Preparedness and Prevention Office (<http://www.epa.gov/swercepp>).

FOR FURTHER INFORMATION CONTACT: William Finan, U.S. Environmental Protection Agency, Mail Code 5101, 401 M Street, SW., Washington, DC 20460, at (202) 260-0030 (E-Mail homepage.ceppo@epamail.epa.gov—please include "one plan" in the subject line). In addition, the EPCRA/RCRA/Superfund Hotline can answer general questions about the guidance.

For further information and guidance on complying with specific regulations, contact: for EPA's Oil Pollution Prevention Regulation: Bobbie Lively-Diebold, U.S. Environmental Protection Agency, Mail Code 5203C, 401 M Street, SW., Washington, DC 20460, at (703) 356-8774 (E-Mail Lively.Barbara@epamail.epa.gov), or the SPPC Information Line at (202) 260-2342; for the U.S. Coast Guard's Facility Response Plan Regulation: LCDR Mark Hamilton, U.S. Coast Guard, Commandant (G-MOR), 2100 2nd Street, SW., Washington, DC 20593, at 202-267-1983 (E-Mail M.Hamilton/G-M03@CSCMTP.uscg.mil); for DOT/RSPA's Pipeline Response Plan Regulation: Jim Taylor, U.S. Department of Transportation, Room 2335, 400 7th Street, SW., Washington, DC 20590 at (202) 366-8860 (E-Mail OPATEAM@RSPA.DOT.GOV); for pertinent OSHA regulations, contact either your Regional or Area OSHA office; for DOI/MMS Facility Response Plan Regulation: Larry Ake, U.S. Department of the Interior—Minerals Management Service, MS 4700, 381 Elden Street, Herndon, VA 22070-4817 at (703) 787-1567 (E-Mail Larry.Ake@MTP.MMS.GOV); for EPA's Risk Management Program Regulation: William Finan (see above); and for RCRA's Contingency Planning Requirements, contact the EPCRA/RCRA/Superfund Hotline (see above).

The NRT welcomes comments on specific implementation issues related to this guidance. Please provide us with information about the successful use of this guidance, about problems with using this guidance, as well as suggestions for improving the guidance. Send comments to William Finan (see above) or to any of the other people listed in the previous paragraph.

SUPPLEMENTARY INFORMATION:

Section 112(r)(10) of the Clean Air Act required the President to conduct a review of federal release prevention, mitigation, and response authorities. The Presidential Review was delegated to EPA, in coordination with agencies and departments that are members of the National Response Team (NRT). The

Presidential Review concluded that, while achieving its statutory goals to protect public safety and the environment, the current system is complex, confusing, and costly. It identified several key problem areas and recommended a second phase to address these issues. One of the issues identified by the Presidential Review is the multiple and overlapping federal requirements for facility emergency response plans.

NRT Policy Statement

This one-plan guidance is intended to be used by facilities to prepare emergency response plans for responding to releases of oil and non-radiological hazardous substances. The intent of NRT is to provide a mechanism for consolidating multiple plans that facilities may have prepared to comply with various regulations into one functional emergency response plan or integrated contingency plan (ICP). A number of statutes and regulations, administered by several federal agencies, include requirements for emergency response planning. A particular facility may be subject to one or more of the following federal regulations:

- EPA's Oil Pollution Prevention Regulation (SPPC and Facility Response Plan Requirements)—40 CFR part 112.7(d) and 112.20-21;
- MMS's Facility Response Plan Regulation—30 CFR part 254;
- RSPA's Pipeline Response Plan Regulation—49 CFR part 194;
- USCG's Facility Response Plan Regulation—33 CFR part 154, Subpart F;
- EPA's Risk Management Programs Regulation—40 CFR part 68;
- OSHA's Emergency Action Plan Regulation—29 CFR 1910.38(a);
- OSHA's Process Safety Standard—29 CFR 1910.119;
- OSHA's HAZWOPER Regulation—29 CFR 1910.120; and
- EPA's Resource Conservation and Recovery Act Contingency Planning Requirements—40 CFR part 264, Subpart D, 40 CFR part 265, Subpart D, and 40 CFR 279.52.

In addition, facilities may also be subject to state emergency response planning requirements that this guidance does not specifically address. Facilities are encouraged to coordinate development of their ICP with relevant state and local agencies to ensure compliance with any additional regulatory requirements.

Individual agencies' planning requirements and plan review procedures are not changed by the advent of the ICP format option. This one-plan guidance has been developed

United States
Environmental Protection
Agency

Office of Solid Waste
and Emergency Response
(5104)

April 1996
550-F-98-015
<http://www.epa.gov/swercepp>



INTEGRATED CONTINGENCY PLAN ("ONE PLAN") GUIDANCE

FACTSHEET

The National Response Team (NRT) has developed Integrated Contingency Plan (ICP) Guidance. This guidance (also known as "one plan" guidance) provides a way to consolidate multiple plans that a facility may have prepared to

comply with various regulations, into one functional emergency response plan. The ICP Guidance resulted from recommendations in the December 1993 NRT Report to Congress: *A Review of Federal Authorities for Hazardous Materials Accident Safety*. The NRT received input from representatives from state and local agencies, industry, and environmental groups prior to developing the guidance.

WHICH AGENCIES DEVELOPED THE ICP GUIDANCE?

Five agencies signed the one-plan guidance: The Environmental Protection Agency (EPA), the Coast Guard, the Occupational Safety and Health Administration (OSHA), the Office of Pipeline Safety of the Department of Transportation (DOT), and the Minerals Management Service (MMS) in the Department of the Interior. The NRT and the agencies responsible for reviewing and approving federal response plans to which the ICP option applies

The National Response Team announced the "one-plan" guidance for integrated contingency planning in June 1996. EPA and four other agencies signed the guidance, which gives facilities a common-sense option for meeting multiple emergency planning requirements under nine different regulations. The guidance is an outgrowth of the 1994 Presidential review of federal authorities related to hazardous materials accident prevention, mitigation, and response. That review identified multiple and overlapping facility emergency response plans as a problem area. Within the guidance document is a core facility response plan for releases of oil and hazardous substances. Plans prepared by facilities in accordance with the guidance will satisfy requirements of the five participating agencies and will be the federal preferred method of such planning. This one-plan approach will minimize duplication of effort and unnecessary paperwork burdens.

agree that integrated response plans prepared in accordance with this guidance will be acceptable and will be the federally preferred method of response planning.

WHAT IS THE PURPOSE OF THE ICP GUIDANCE?

The ICP Guidance is to:

- ◆ Provide a mechanism for consolidating multiple facility response plans into one plan that can be used during an emergency
- ◆ Improve coordination of planning and response activities within the facility and with public and commercial responders
- ◆ Minimize duplication and simplify plan development and maintenance

ORIGINAL ICP GUIDANCE WAS SIGNED OFF BY:

- *U.S. Environmental Protection Agency*
- *U.S. Coast Guard*
- *Research and Special Programs Administration, U.S. Department of Transportation*
- *Occupational Safety and Health Administration, Department of Labor*
- *Minerals Management Service, Department of the Interior*



Attachment 2: ICP Development Matrix

ICP Elements	RCRA (40 CFR part 264, Subpart D, 40 CFR part 265, Subpart D, and 40 CFR 279.52)	EPA's Oil Pollution Prevention Regulation (40 CFR part 112)	USCG-FRP (33 CFR part 154)	DOT/RSPA-FRP (49 CFR part 194)	OSHA Emergency Action Plans (29 CFR 1910.38(a)) and Process Safety (29 CFR 1910.119)	OSHA HAZWOPER (29 CFR 1910.120)	CAA RMP (40 CFR part 68)
Section I - Plan Introduction Elements							
1. Purpose and scope of plan coverage	264.51 265.51 279.52(b)(1) 264.52(a) 265.52(a) 279.52(b)(2)(i)				38(a)(1) ¹ 119(n) 272(d)	(i) ² (p)(8) (q)(1)	
2. Table of contents		112.20(h) Appendix F	1035(a)(4) ³ 1030(b)	Appendix A			
3. Current revision date		F1.2	1035(a)(6)				
4. General facility identification information		F1.2 F1.9		194.107(d)(1)(i) 194.113 194.113(b)(1)			
a. Facility name		F1.2	1035(a)(1)				
b. Owner/operator/ agent		112.20(h)(2) F1.2 F2.0	1035(a)(3)	194.113(a)(1) A-1			
c. Physical address and directions		112.20(h)(2) F1.2 F2.0	1035(a)(1) 1035(a)(2) 1035(e)	194.113(a)(2) 194.113(b)(3),(4) A-1			
d. Mailing address		112.20(h)(2)	1035(a)(1)	194.113(a)(1)			
e. Other identifying information							

What we Want to Do....

- **Update the Fact Sheet for the ICP / One Plan issued by the NRT in 1998 as an RRT Fact Sheet**
- **Update the regulatory cross-walk / matrix to include elements which may have changed since the original (1996)**
- **See if those agencies that were not original signatories want to participate at a regional level on the initiative (DHS/CFAFTS, PHMSA, BSEE)**



Natural Resource Damage Assessment for Response Practitioners

Perspectives from the NPFC
NRD Claims Division

Monica Rusk - NPFC
NRD Claims Manager

Today's objectives -

- Clarify how NRDA overlaps with Response Operations
- Compare the Response vs. NRDA funding streams
- Look at specific Response influences on NRDA Claims
- Consider how NRDA can influence Response
- Explore opportunities in Planning and Preparedness

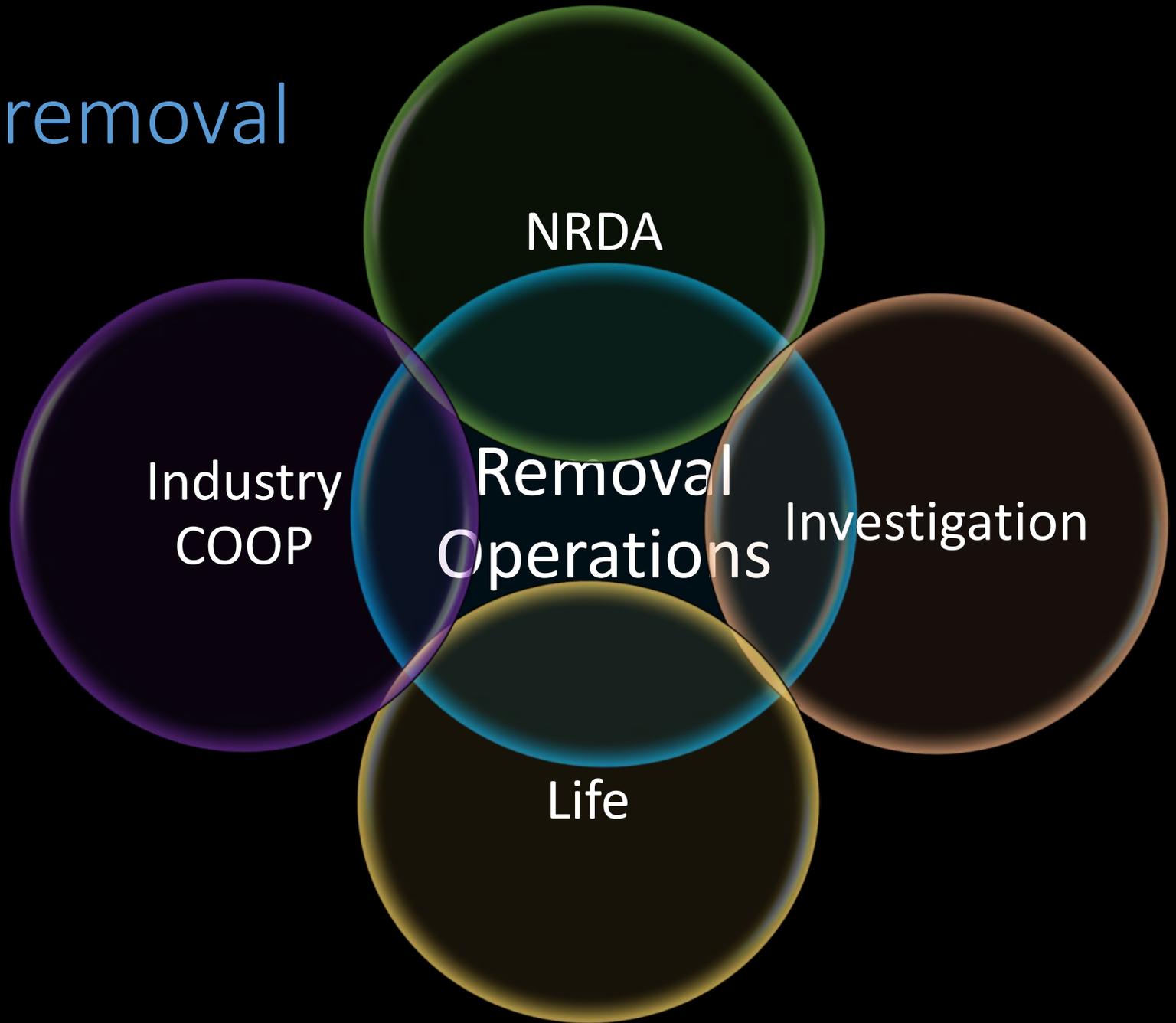


Its not all about removal

The OSC/RPM directs response efforts and coordinates all other efforts at the scene of a discharge or release.

NCP - 40 CFR 300.120

Trustees are acting under their own OPA authorities 33 U.S.C. 2706 and other authorities related to environmental protection

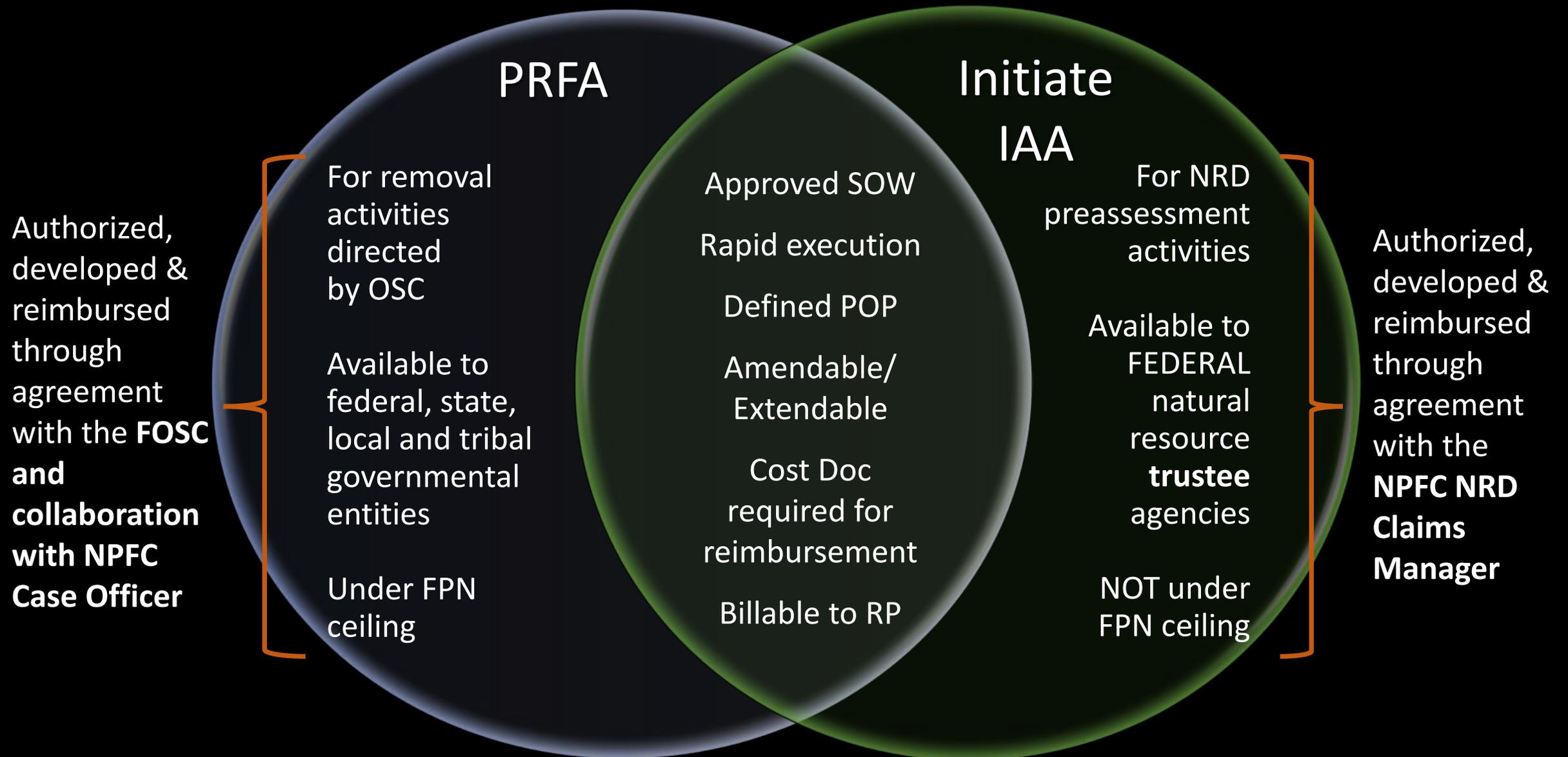


NRDA Considerations for Responders

- Injuries from the oil and the response actions may be subject to NRDA
 - *This includes response actions for “substantial threat” incidents*
- Baseline conditions and ephemeral data often collected during response operations
- NRD claims are costly, complex, and can take years/decades to reach settlement



The Color of Trustee Money



'Not typically thought of' Response Influences on a NRDA Claim -

DOCUMENTATION

- **WHAT** actions you are taking,
- **WHY** you are taking them, and
- **UNDER WHAT AUTHORITY**

Timing of IC engagement with NRDA Team

Early Engagement -

- Improves coordination,
- Establishes a mutually beneficial feedback loop (linkages with Ops and Planning), and
- Maximizes opportunity for ephemeral data collection and development of data collection/data sharing agreements



NRDA Influence on Response –

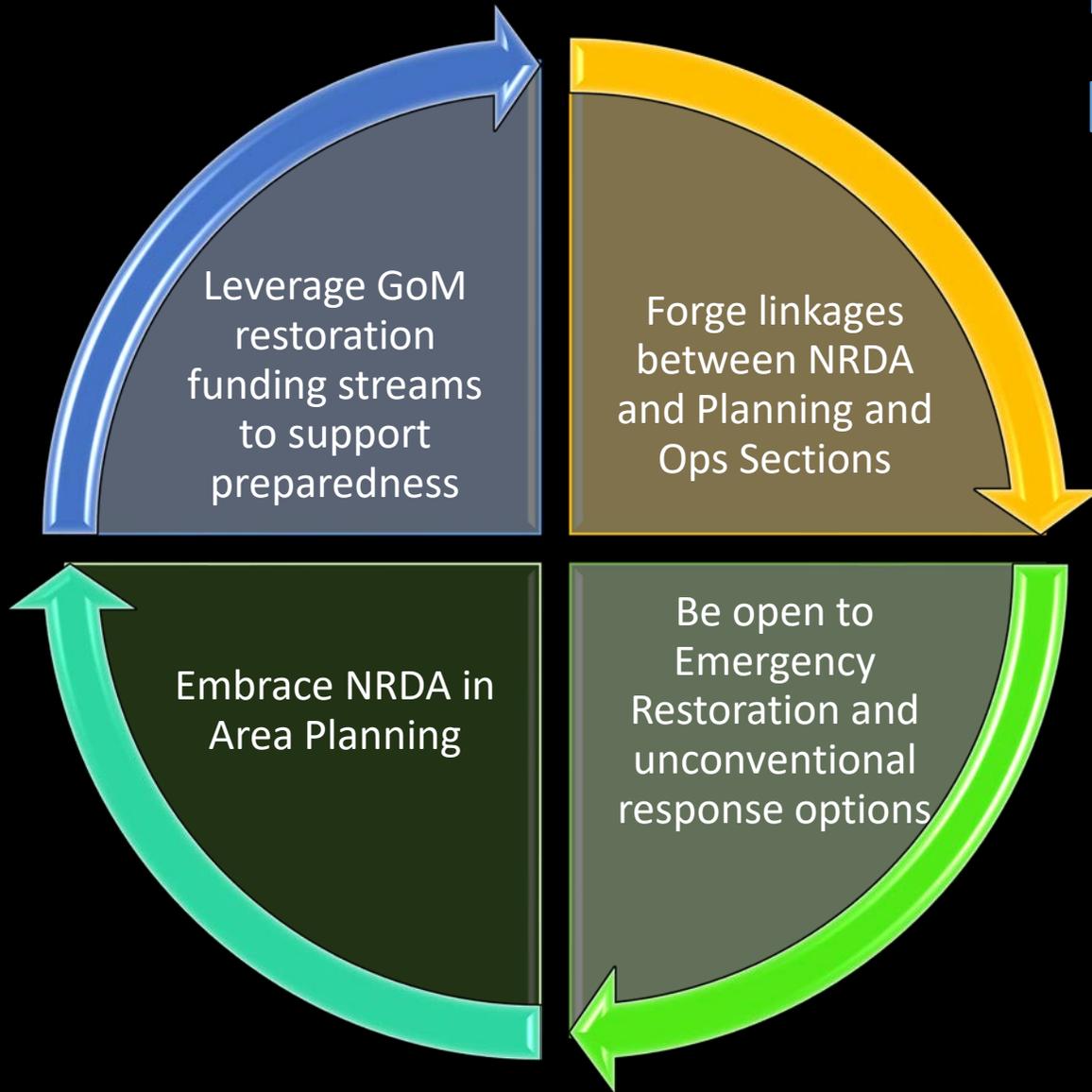
- setting response objectives to minimize claims



Photo credit: NOAA

- Know how to find the SMEs you need (when you need) to plan, respond, and mitigate environmental injury
- Consider developing resource protection strategies from a NRDA perspective

Keeping the momentum going -



- Response planning from a NRDA perspective can produce better response outcomes, improve efficiency, and speed the time to recovery
 - Lower total incident cost
 - Less consequential environmental impact
 - Less bad public perception



Available References

- Lots of GoM specific resources – see your local trustee representatives
- ICS Job Aid for NRDA, NOAA
- Recommendations for Conducting Cooperative NRDA, West Coast JAT
- DWH Oil Spill Lessons Learned Workshop: Non-traditional Response and Emergency Restoration, DOI
- Guidelines for Collecting High Priority Ephemeral Data for Oil Spills in the Arctic, RPI and NOAA
- Case Studies: Integrating NRDA Emergency Restoration in Response, ERG for NOAA



Ready for more?

Contact your friendly neighborhood
NPFC NRD Claims Manager:

Fredy Hernandez, Div. Chief
202-795-6054

Fredy.E.Hernandez@uscg.mil

Rich Nance
202-795-6055

Richard.T.Nance@uscg.mil

Monica Rusk
202-795-6052

Monica.K.Rusk@uscg.mil

Key Messages

- Document, Document, Document
- Setting response objectives to minimize claims is a win-win – improves outcomes, lowers total cost, provides for the earliest recovery
- Proactively engage NRDA folks – help them help you
- Understand the available funding mechanism and when to advise the trustees to talk to NPFC
- Find creative ways to get them to your meetings
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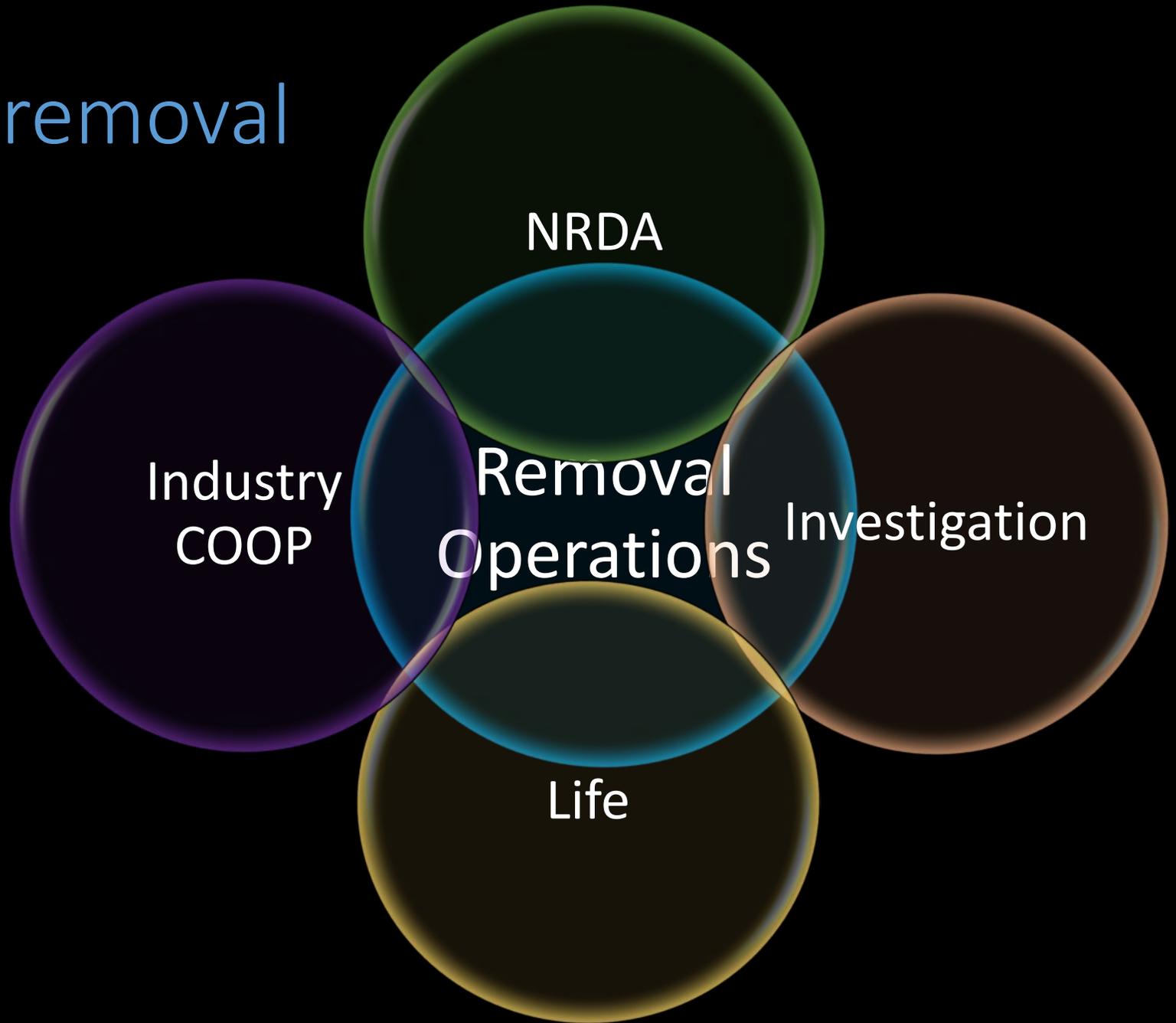
Photo credit: William Marhoffer

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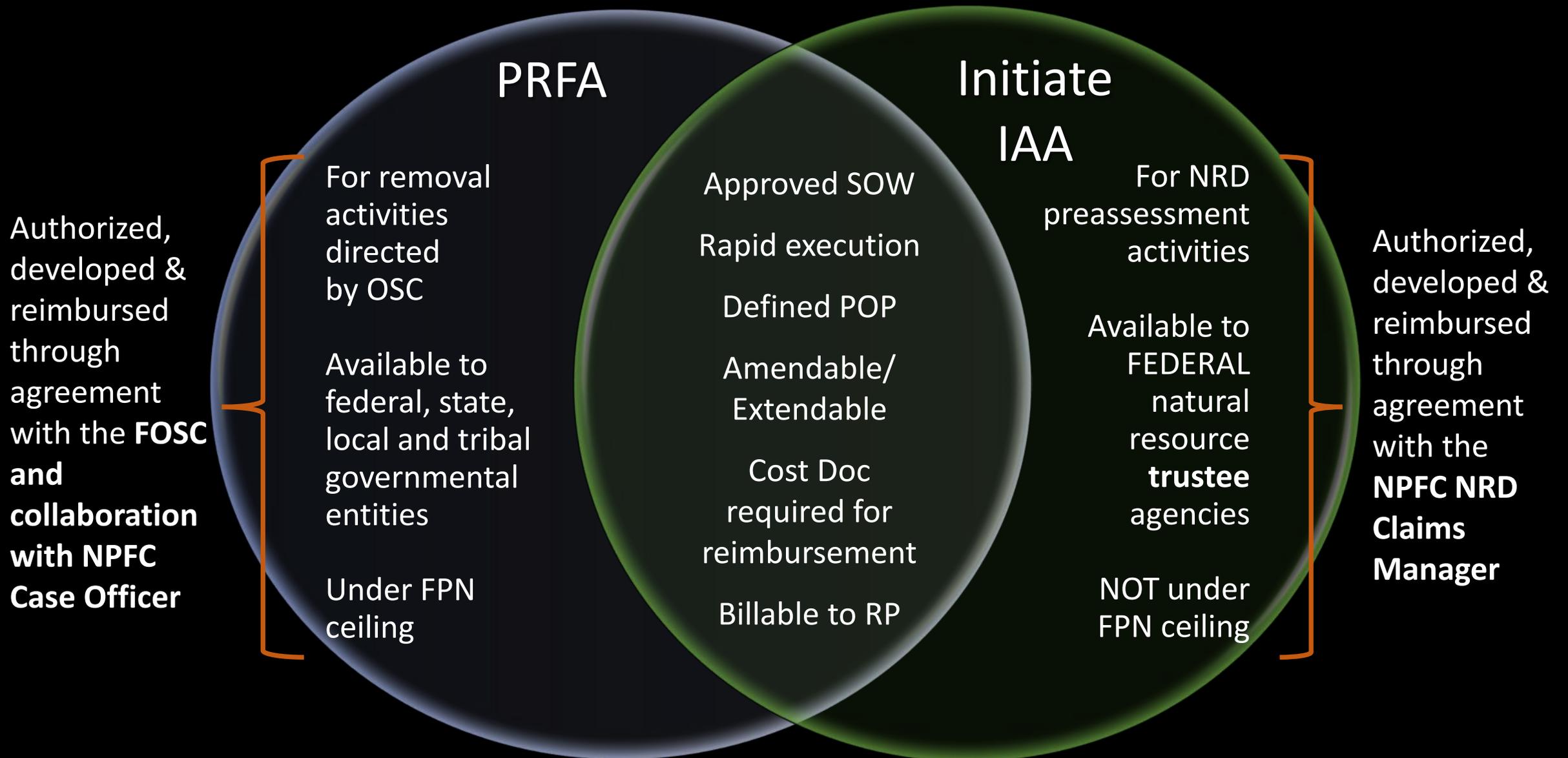


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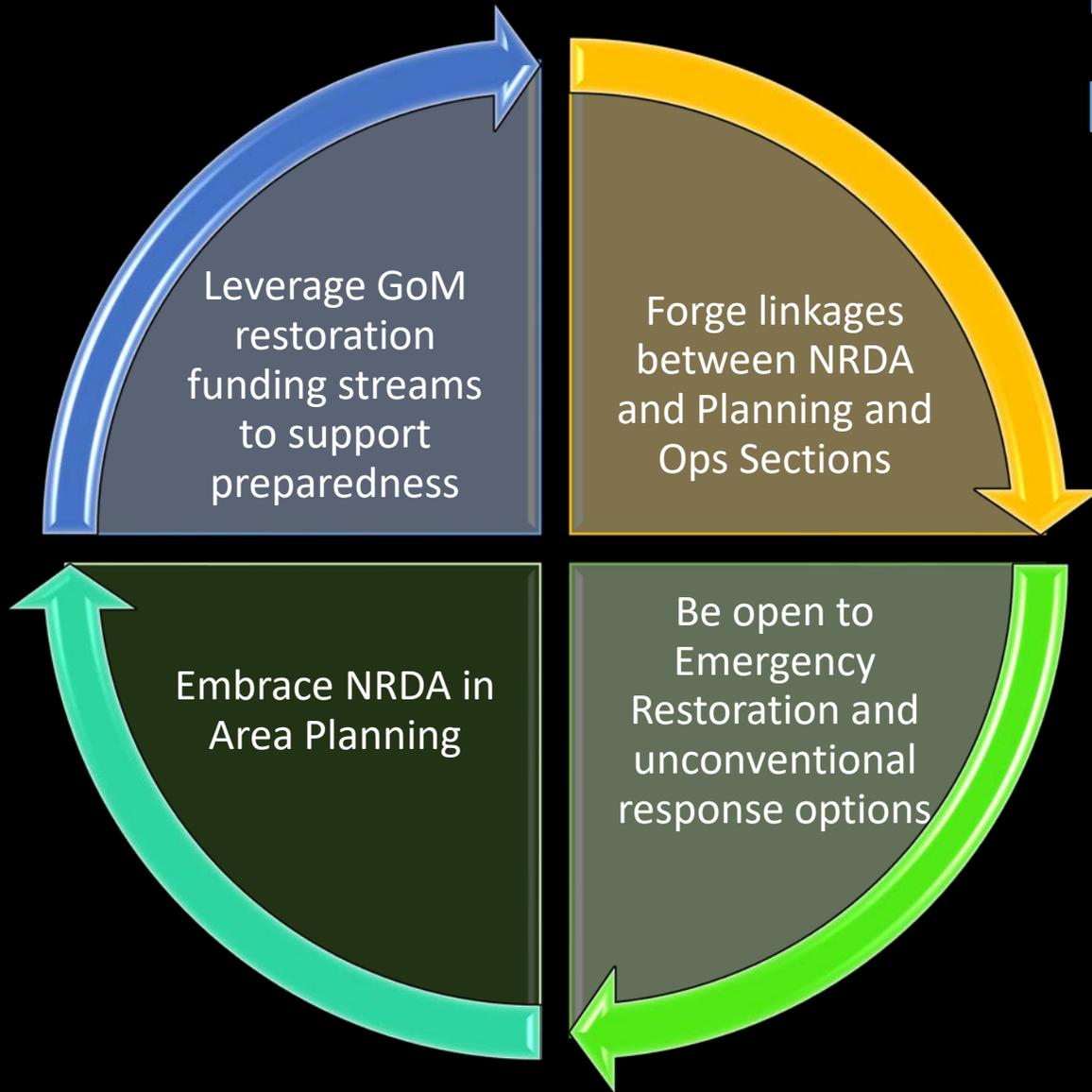
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RRT-6 Regional Preparedness Activity

Regional Response Team (RRT-6) Guidance for Oil Spill Response Activities within and near the Flower Garden Banks National Marine Sanctuary

Derived from the 2016 NRPT Workshop held at the FGBNMS Office in Galveston, Texas and current RRT-6 guidance as well as just plain common sense.

Paige Doeling, NOAA

Mike Sams, USCG

GP Schmahl, NOAA Superintendent of the FGBNMS

Charlie Henry, NOAA

Many Others – Especially those that participated in the workshop.



Flower Garden Banks

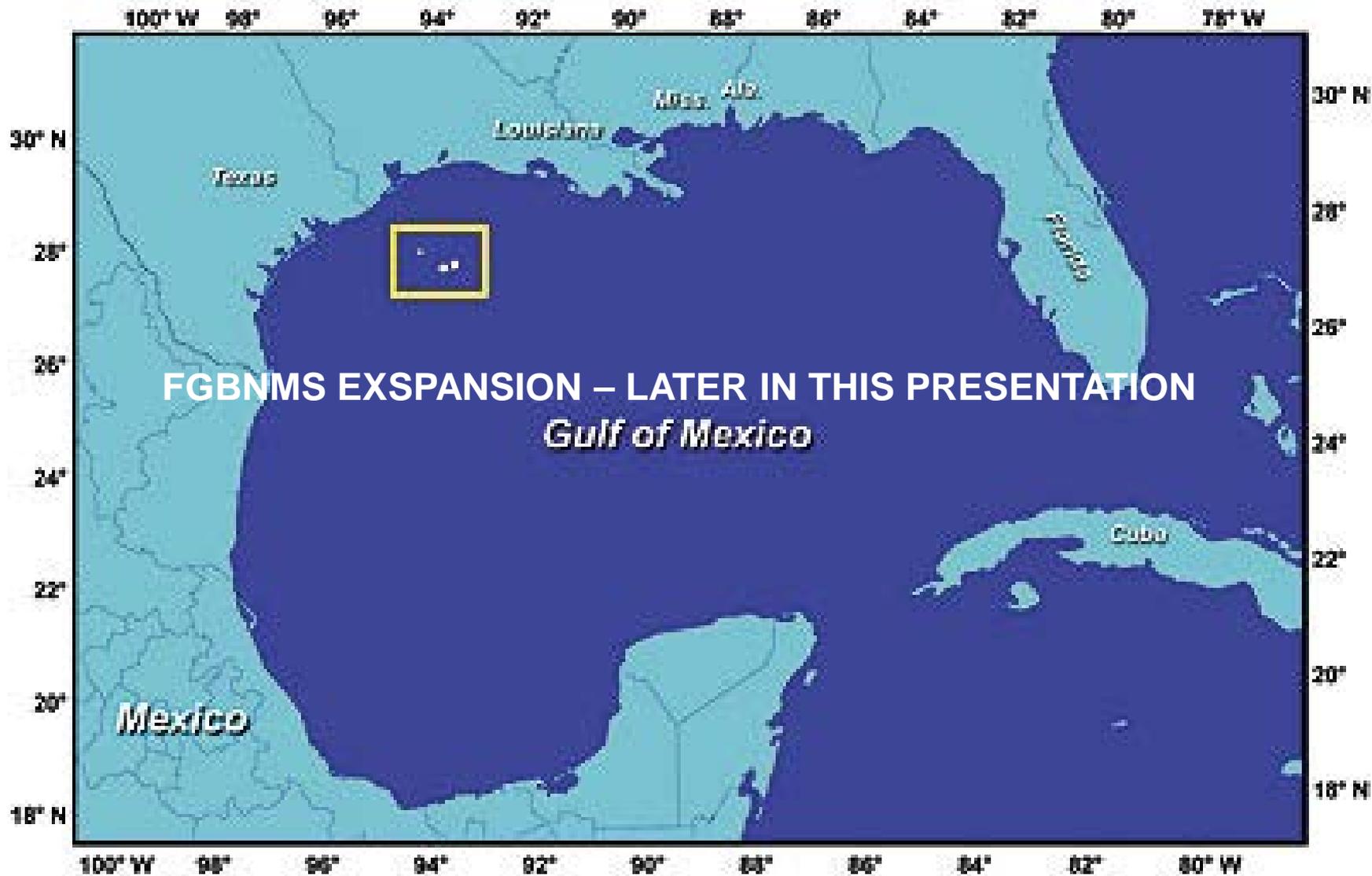
National Marine Sanctuary

- Stresses the importance of consulting with the FGBNMS Senior Leadership during planning and response.
- Fate and transport of oil discussed in context of the FGBNMS.
- Response Activities Addressed:
 - Mechanical Recovery
 - *In-Situ* Burning
 - Dispersant Application (surface and subsurface)
 - Natural Recovery (the No Response Option)



Flower Garden Banks

National Marine Sanctuary





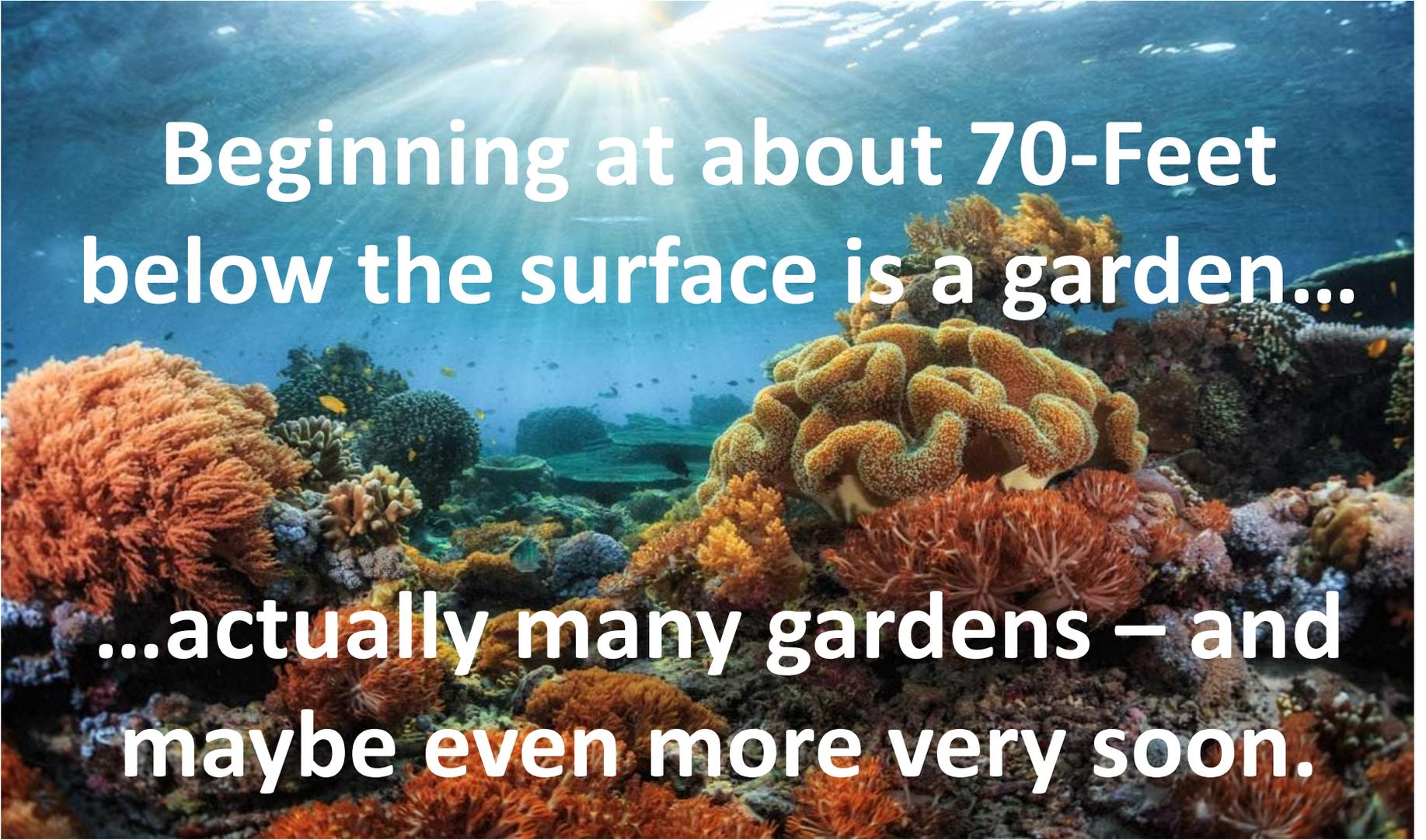
Flower Garden Banks

National Marine Sanctuary





Flower Garden Banks



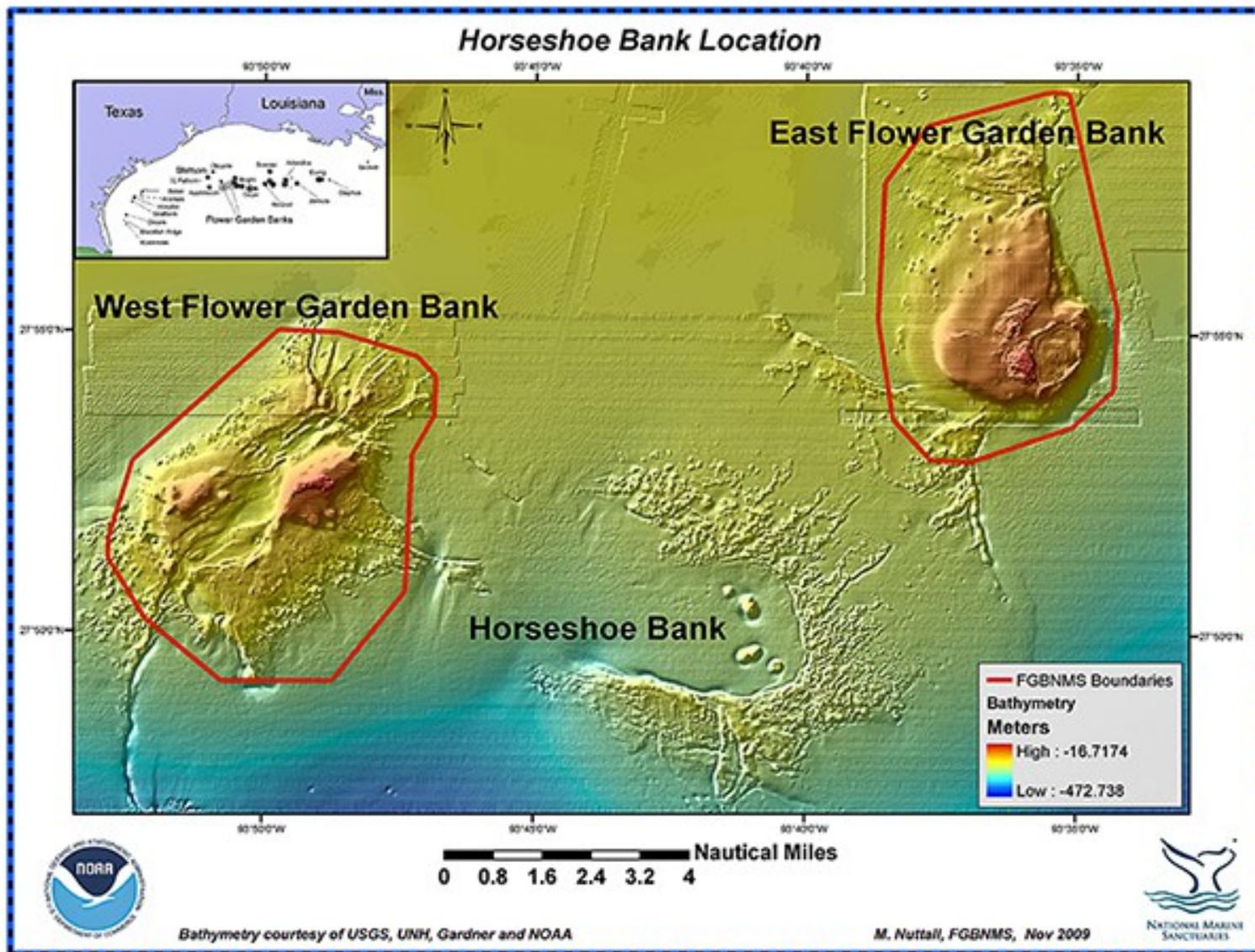
**Beginning at about 70-Feet
below the surface is a garden...**

**...actually many gardens – and
maybe even more very soon.**



Flower Garden Banks

National Marine Sanctuary





Flower Garden Banks

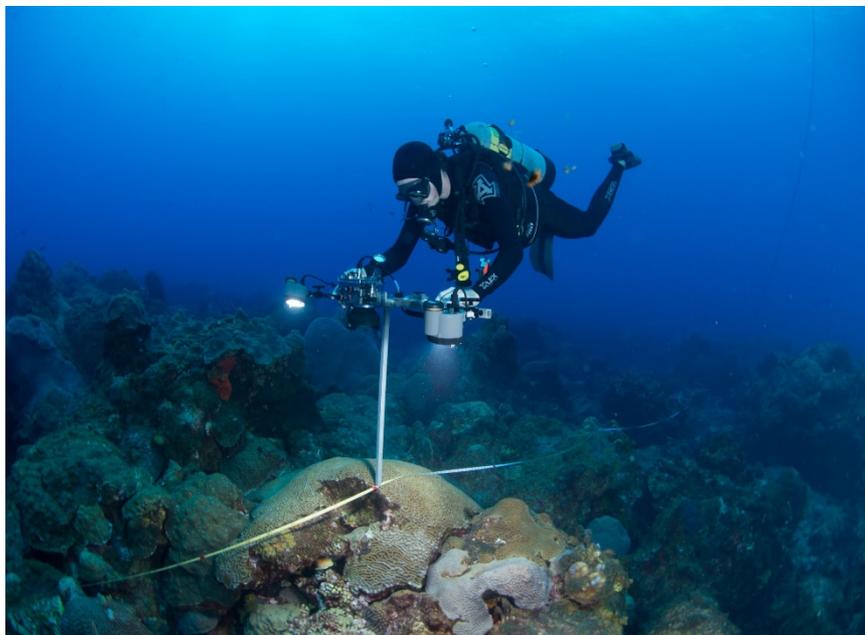
National Marine Sanctuary

Flower Garden Banks National Marine Sanctuary is one of 14 federally designated underwater areas protected by NOAA's Office of National Marine Sanctuaries.

It is the only sanctuary site located in the Gulf of Mexico.

FGBNMS has the highest density of living coral in the U.S.

(2016 mystery injury)





Key Decision Processes Guidance

FGBNMS

- (page 1)
- Recognizing that each oil spill incident is a unique event and that the Flower Garden Banks National Marine Sanctuary (FGBNMS) is a unique, highly sensitive, and federally protected underwater area in the Gulf of Mexico (GOM), the guidance from Regional Response Team 6 (RRT-6) is that all response actions be conducted in such a manner as to provide the greatest protection to the habitat and marine species that compose the FGBNMS.
- ...consultation with the NOAA Scientific Support Coordinator and senior sanctuary staff as well as natural resource representatives to RRT-6 should assist and help guide oil spill response activities that might negatively impact the FGBNMS.
- The ultimate goal is prevention of injury to the FGBNMS – at a minimum, minimization of any and all impacts, direct and collateral, to the FGBNMS. Additionally, similar outer continental shelf habitats should also be identified as a high priority Incident Command objectives...



Regional Response Team (RRT-6) Guidance for Oil Spill Response Activities within and near the Flower Garden Banks National Marine Sanctuary

- (page 2)
- The Federal On-Scene Coordinator (FOSC) has approval authority for decisions regarding the response to oil spills and hazardous substance releases. Currently, FGBNMS is within the Sector Houston-Galveston Captain of the Port Zone (COTPZ). A proposed expansion of the FGBNMS could put portions of the expanded sanctuary boundary within the Marine Safety Unit (MSU) Port Arthur and MSU Houma COPTZs. Events with a potential threat to the FGBNMS may also originate from a COPTZ other than Sector Houston-Galveston. In all cases where an oil discharge *may* affect FGBNMS resources, the Sanctuary Superintendent or a senior staff alternate *must* be notified and engaged in the decision process as to potential threats to the federally protected resources under the authorities of the Sanctuary Superintendent and NOAA Office of National Marine Sanctuaries.



Evaluating Environmental Tradeoffs

- (page 6/7)
- The entire ecosystem that makes up the FGBNMS is sensitive to oil pollution. Because of the concern for marine species that interact with the ocean surface such as sea turtles and marine mammals, a wide variety of water column organisms (many that are listed as threatened or endangered species), and the highly sensitive coral reef communities themselves, minimizing any oil exposure to the FGBNMS should be a primary response objective. Coral reefs are unique and important areas of biodiversity in the Gulf of Mexico.
- ...the potential for impacts to ecologically important near-shore and shoreline habitats is a delicate balance and a challenge when planning for and responding to oil spill events in the Gulf of Mexico.



In Summary...

- (page 7)
- This document stresses the importance of engaging the **FGBNMS Sanctuary Superintendent** (or other Senior Sanctuary Staff if the Superintendent is unavailable) as well as the NOAA Scientific Support Coordinator and other resource protection specialist **during an actual event and during contingency planning activities and exercises that could potentially impact the FGBNMS.**

(continued)



In Summary...

- (page 7)
- All current RRT-6 guidance for the use of dispersants and *in-situ* burning is in effect as it relates to the FGBNMS. *In-situ* burning is currently excluded over sensitive reef and hard-bottom habitats including the FGBNMS. Surface dispersant application using existing RRT-6 guidelines require that the FOSC’s use of dispersants to be “environmentally safe.” Appendix C of the current RRT-6 guidelines require the FOSC to notify senior staff at the FGBNMS. In addition, Appendix C states that the FGBNMS staff may be able to provide the RRT and the FOSC information “that could affect the decision to apply dispersants.”

Note - environmentally safe is best expressed as “do no more harm than good” through a comprehensive assessment.



Flower Garden Banks

National Marine Sanctuary

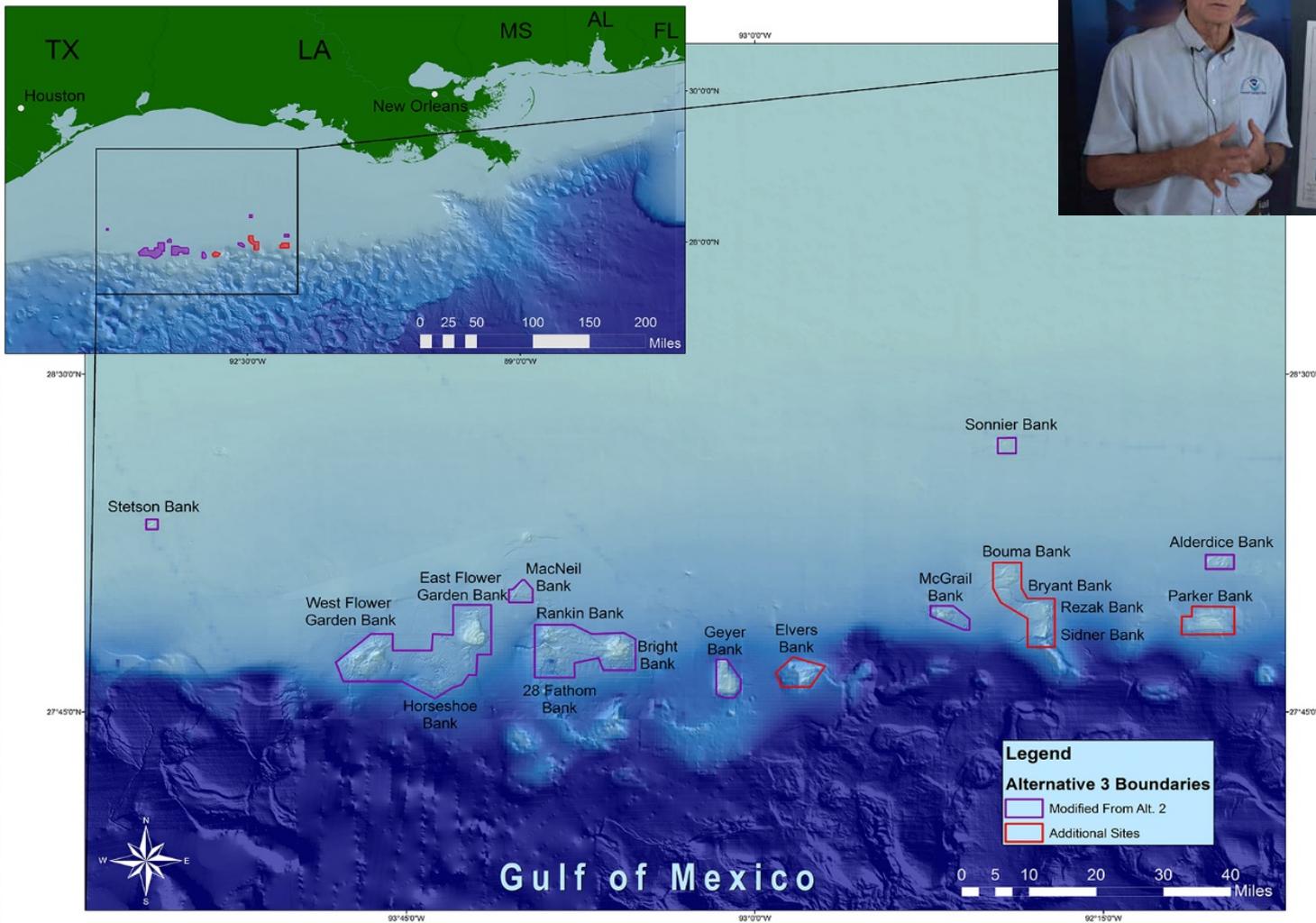




Flower Garden Banks

National Marine Sanctuary Expansion Planning

Flower Garden Banks National Marine Sanctuary Expansion: Alternative 3





Regional Response Team (RRT-6) Guidance for Oil Spill Response Activities within and near the Flower Garden Banks National Marine Sanctuary





Regional Response Team (RRT-6) Guidance for Oil Spill Response Activities within and near the Flower Garden Banks National Marine Sanctuary

- **Where are we in the process?**
- **The initial draft has been passed back and forth, edited, revised, and improved.**
- **“Final” edits have been submitted to RRT-6 Leadership for final review before being released to all members and the regional USCG Sectors.**
- **Next phase – accept as guidance to guide “best response” to oil spills in and near the FGBNMS.**



TGLO Toolkit and On-line Oil Spill Response Tool for Planning, EU, and Field Responses



Steven G Buschang
Director of Research and Development
State Scientific Support Coordinator
Texas General Land Office
Oil Spill Prevention and Response

20th
ANNIVERSARY

To Report a Spill: 800.832.8224

EDUCATE
PREVENT
RESPOND

Texas Coastal
Oil Spill Planning
and Response
TOOLKIT

TXGLO

Scope & Components

Tool built as a single one-stop-shop housing geographic resources most often used and necessary for oil spill response in USCG District 8

Tool used for planning activities associated with activities in sensitive resources within the coastal zone

Easily accessible archive of documents, checklists and forms often used during responses

Easily accessible resource for the most current plans and job aids and manuals

Uses and capabilities

- **Spill response**
- **Planning activities**
- **Resource archive**
- **Links to real time spill related web-sites**

Uses and capabilities (Spill response)

- Most up-to-date and easily accessible Area Contingency Plans for all of USCG District 8
- MEXUS Plans
- Site specific response plans
- Geographic Response Plans (GRPs)
- Refuge Plans
- Guidance documents
- Individual State Guidance documents

Planning

- ISB
- Dispersants
- Bioremediation
- Surface Washing
- Consultation processes and forms (ESA, Section 7, SHPO, Tribal)
- DCO (state OSROs) lists
- Jurisdictional maps
- NRT Guidance

Resource Archive

- IMH
- SCAT FORMs
- RRT VI and NOAA Job Aids
- Position Papers
- Chemical countermeasure guideline and management plans
- ESA Checklists and Procedures

20th edition

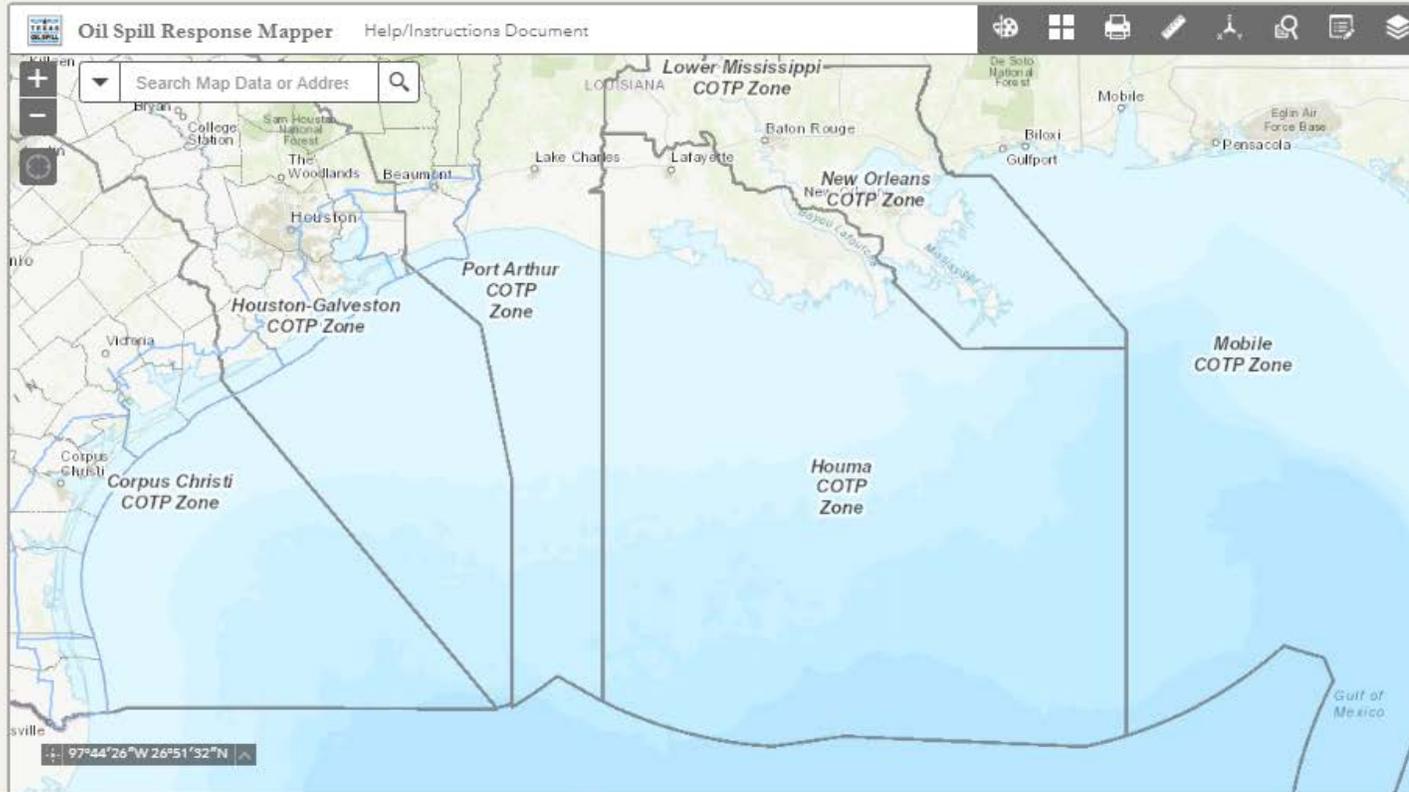
Oil Spill Planning and Response

TOOLKIT

texasoilspilltoolkit.org

Report A Spill 800-832-8224

HOME RESPONSE MAPS AREA CONTINGENCY PLANS SPILL RESPONSE RESOURCES CONTACT/MAILING LIST DOWNLOADABLE VERSION

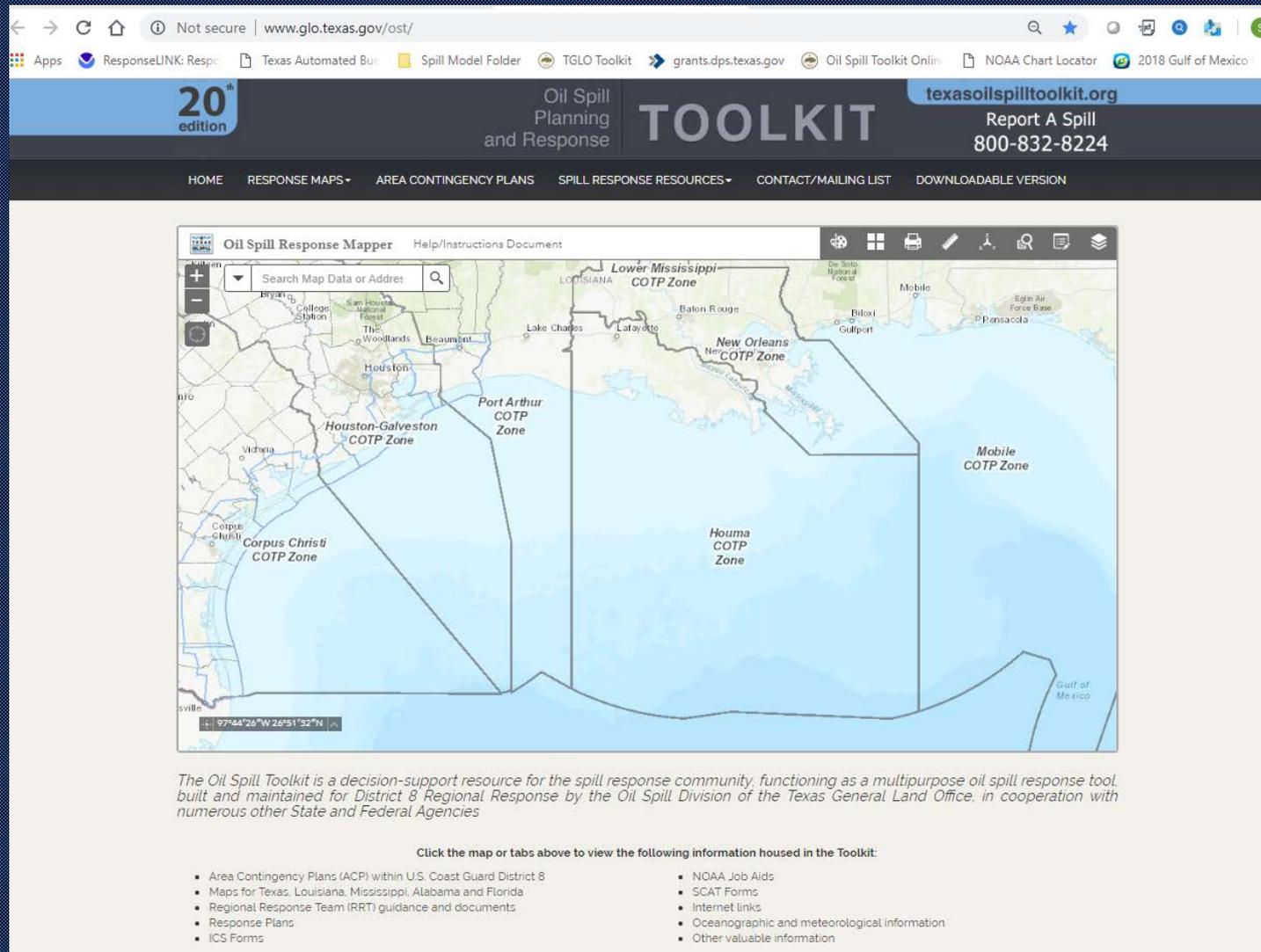


The Oil Spill Toolkit is a decision-support resource for the spill response community, functioning as a multipurpose oil spill response tool, built and maintained for District 8 Regional Response by the Oil Spill Division of the Texas General Land Office, in cooperation with numerous other State and Federal Agencies

Click the map or tabs above to view the following information housed in the Toolkit:

- Area Contingency Plans (ACP) within U.S. Coast Guard District 8
- Maps for Texas, Louisiana, Mississippi, Alabama and Florida
- Regional Response Team (RRT) guidance and documents
- Response Plans
- ICS Forms
- NOAA Job Aids
- SCAT Forms
- Internet links
- Oceanographic and meteorological information
- Other valuable information

How to Access the Tool



The screenshot shows a web browser displaying the Texas Oil Spill Toolkit website. The browser's address bar shows the URL www.glo.texas.gov/ost/. The website header includes the text "Oil Spill Planning and Response TOOLKIT" and "texasoilspilltoolkit.org". Below the header is a navigation menu with links for HOME, RESPONSE MAPS, AREA CONTINGENCY PLANS, SPILL RESPONSE RESOURCES, CONTACT/MAILING LIST, and DOWNLOADABLE VERSION. The main content area features the "Oil Spill Response Mapper" tool, which displays a map of the Gulf of Mexico coastline with several Contingency Operations Planning (COTP) zones outlined: Corpus Christi COTP Zone, Houston-Galveston COTP Zone, Port Arthur COTP Zone, Lower Mississippi COTP Zone, New Orleans COTP Zone, Houma COTP Zone, and Mobile COTP Zone. The map includes a search bar, a "Help/Instructions Document" link, and various map controls. Below the map, there is a descriptive paragraph and a list of resources available in the toolkit.

The Oil Spill Toolkit is a decision-support resource for the spill response community, functioning as a multipurpose oil spill response tool, built and maintained for District 8 Regional Response by the Oil Spill Division of the Texas General Land Office, in cooperation with numerous other State and Federal Agencies

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- ICS Forms
- NOAA Job Aids
- SCAT Forms
- Internet links
- Oceanographic and meteorological information
- Other valuable information

Search for : **TGLO Toolkit** or the URL: <http://www.glo.texas.gov/ost/> or <http://gisweb.glo.texas.gov/ostoolkit/index.html>

[HOME](#)[RESPONSE MAPS ▾](#)[AREA CONTINGENCY PLANS](#)[SPILL RESPONSE RESOURCES ▾](#)[CONTACT/MAILING LIST](#)[DOWNLOADABLE VERSION](#)[AREA CONTINGENCY PLAN HOME PAGE](#)

AREA CONTINGENCY PLANS

SE Texas and SW Louisiana Area

[Area Contingency Plan \(May 2015\)](#)**ESI Maps & Geographic Response Plans:**

- Sabine Lake Area, Texas
- MSU Lake Charles, Louisiana

Additional Information and Plans:

- TGLO Certified List of Discharge Cleanup Organizations (DCOs)
- Port of Beaumont Map
- USFWS Anahuac Wildlife Refuge Plan
- USFWS Coastal Texas Wildlife Refuges Plans
- Tidal Inlet Protection Strategy (TIPS) Sabine Pass

Central Texas Coastal Zone Area Committee-Sector Houston/Galveston, Texas

[Area Contingency Plan \(June 2015\)](#)**ESI Maps & Geographic Response Plans:**

- Sabine Lake Area
- Galveston Bay Area
- East Matagorda Bay

Additional Information and Plans:

- Port of Houston-Map
- CTAC Organizational Plan and Charter
- Volunteer ICS-204 form
- Galveston Bay Ecological Risk Assessment
- TGLO Certified List of Discharge Cleanup Organizations (DCOs)
- Houston Galveston HSR (Harbor of Safe Refuge) Guide
- USFWS Brazoria National Wildlife Refuge Response Plan
- USFWS Big Boggy National Wildlife Refuge Plan
- USFWS San Bernard National Wildlife Refuges Plan
- USFWS Coastal Texas Wildlife Refuges Plans
- Brazoria County Beaches Oil Draft Plan
- Armand Bayou Oil Spill Contingency Plan
- Houston Audubon Society Bolivar Flats Refuge Response Plan

[REGIONAL RESPONSE TEAM VI](#)[NATIONAL RESPONSE TEAM](#)[STATE SUPPORT DOCUMENTS](#)[ADDITIONAL SUPPORT DOCUMENTS](#)[SOFTWARE APPLICATIONS](#)[INTERNET LINKS](#)

U.S. Department of Homeland Security:

United States Coast Guard

- **News, Reports, Sector Commands, and National Marsec Level**
 - [USCG Marine Safety and Environmental Protection \(HOMEPORT\)](#)

USFWS:

U.S. Fish & Wildlife Services

- **USFWS Threatened and Endangered Species**
 - [United States Fish and Wildlife Service](#)
- **USFWS IPaC, Information, Planning, and Conservation decision support system planning tool. (Species Listings)**
 - [United States Fish and Wildlife Service IPaC](#)

Other Resources

- **The International Tanker Owners Pollution Federation Limited, 2016**
 - [ITOPF](#)
- **Oil Spill Prevention Response Development Center**
 - [API](#)
- **Net Environmental Benefit Analysis (NEBA)**
 - [IPIECA](#)
- **Sea Surface Temperature Imagery**
 - [Ocean Remote Sensing Group at Johns Hopkins University](#)
- **Worldwide vessel tracking by VesselFinder**
 - [Marine Traffic Vessel Tracker](#)
- **Tropical Weather Spaghetti Models**
 - [Mike's Weather Page](#)

Oil Spill Statutes, Regulations and Policies

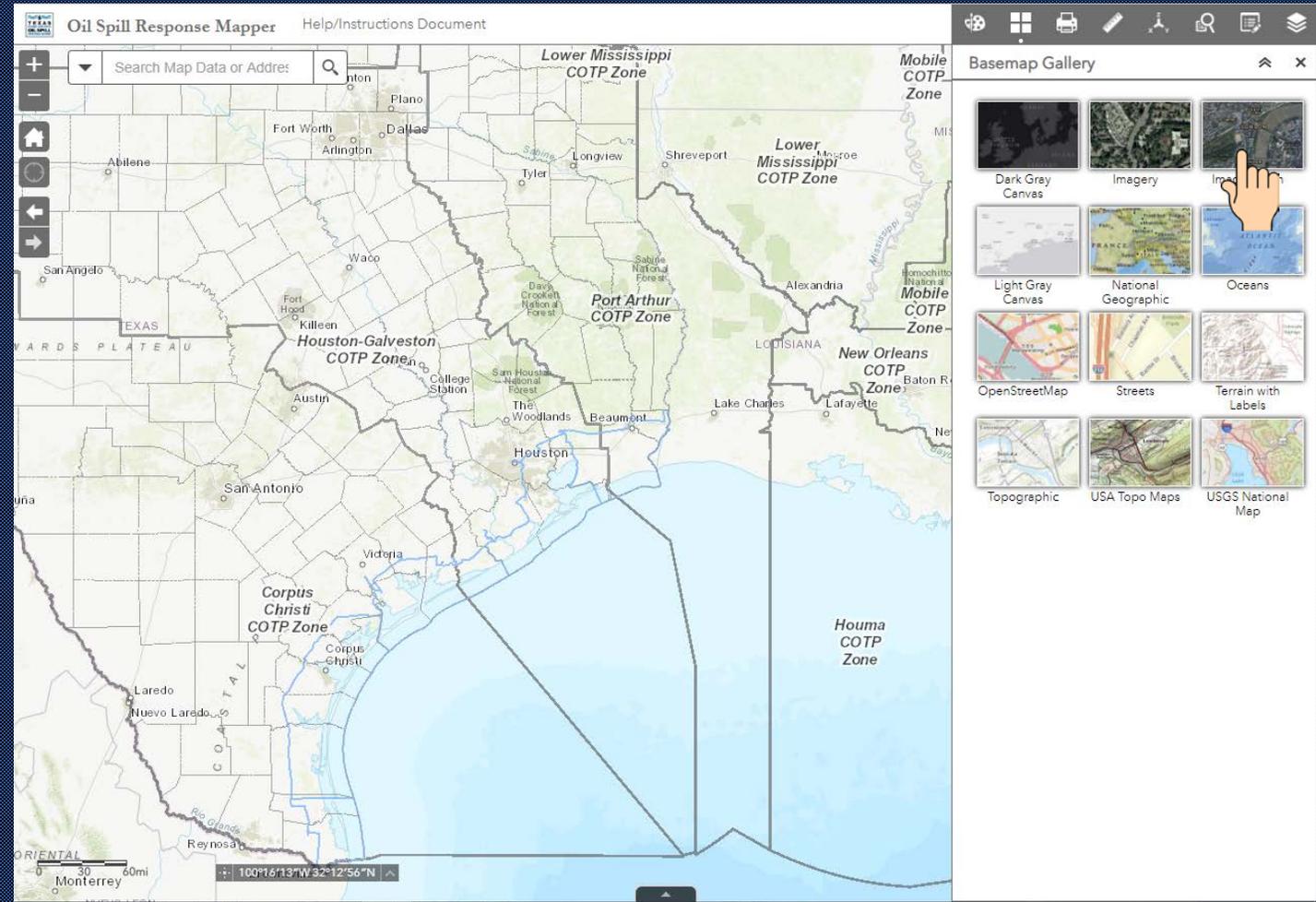
- **Oil Pollution Act of 1990:**
 - [The federal framework for oil spill response](#)
- **Oil Spill Prevention and Response Act of 1991**
 - [State law enacting the Texas Oil Spill Prevention and Response program](#)
- **Texas Administrative Code:**
 - [Oil Spill Prevention and Response Program](#)
 - [Rules and regs governing the Texas Oil Spill Prevention and Response program](#)



On-line Planning and Response Geographic Tool & Toolkit

Take away from this presentation:

- Scope & components of the tool
- How to access the tool
- Uses & capabilities of this tool
- How to access the functionality
- Limitations

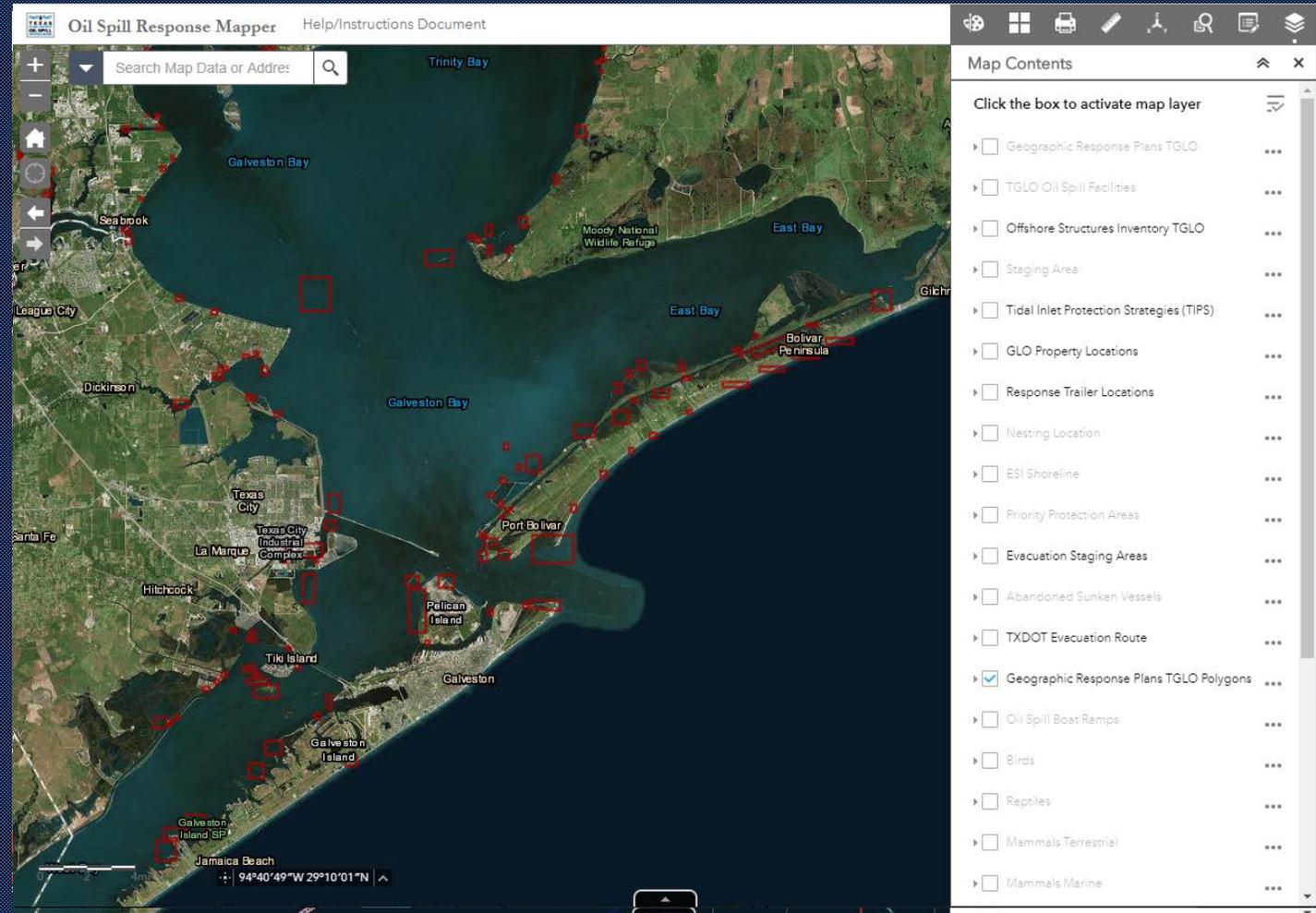


Geographic Resources Archive

Original display map choice of backgrounds

Zoom in to display different data sets

Layers can be turned off and on to suit needs and wants

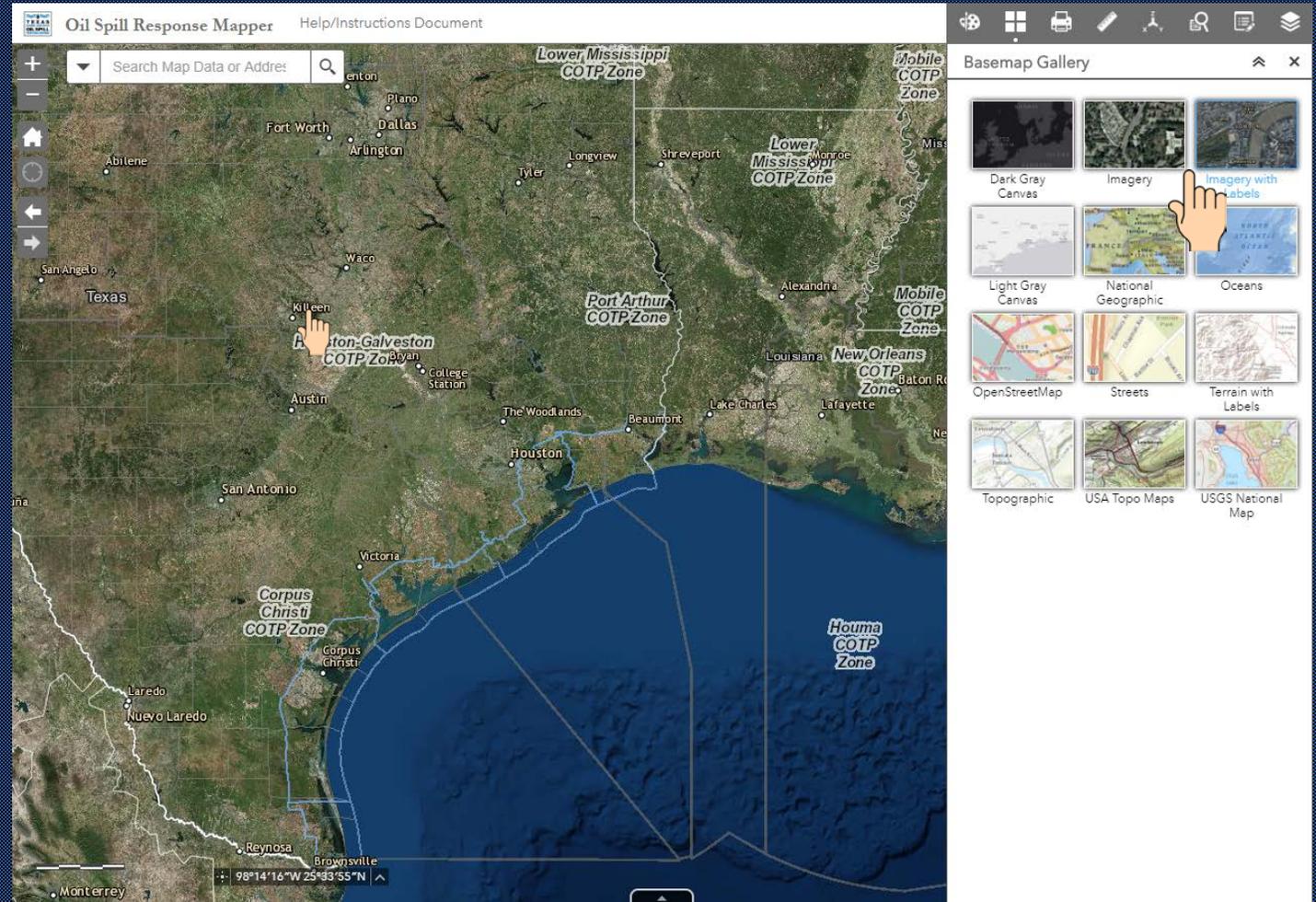


Geographic Resources Archive

Original display map choice of backgrounds

Zoom in to display different data sets

Default data displayed set for OS response (configurable)



Geographic Resources Archive

Original display map choice of backgrounds

Zoom in to display different data sets

Default data displayed set for OS response (configurable)

Oil Spill Response Mapper Help/Instructions Document

Basemap Gallery

Search Map Data or Address

Back To Map

1. Incident Name		2. Operational Period (Date/Time)		Assignment List ICS 204-05	
3. Branch			4. Division/Group		
5. Operations Personnel					
Operations Section Chief					
Branch Director					
Division/Group Supervisor					
6. Resources Assigned This Period <small>*X* Indicates 204a attachment with special instructions</small>					
Resource Identifier	Leader	Contact Info #	# of Persons	Reporting Info/Notes/Remarks	
7. Assignments					
SAFETY NOTE: Large wakes from passing ships. Use Caution.					
8. Site Number: 64-G	9. Quad Name Bacliff	10. NOAA Chart # 11326,11327	11. GLO Atlas Page # 64	12. County Harris	
13. Site Information: Redfish Island Redfish Island				14. Latitude From: 29 30' 52"N	To:
				15. Longitude From: 94 53' 13"W	To:
16. Closest Boat Ramp Hwy 146 bridge at Kemah			17. Distance From Ramp 5.5NM	18. Boat Type Semi V Hull Boat	
19. Directions From Local Sector Redfish Island is only accessible by boat.				20. Closest Airport Ellington Field (EFD)	
				21. Closest Helo Spot Ellington Field (EFD)	
22. Trustee/Contact Numbers		23. Resources at Risk		24. Width of Inlet N/A in ft.	
USCG: (281) 464-4800	RRC: (713) 869-5001	Atlas Priority	High	25. Water depth in ft. 5'	
USCG DUTY: (800) 424-4800	TPWD: (281) 842-8100	Environmental	High	26. Current Slow	
TGLO: (800) 832-8224	NRDA: (512) 463-9309	Economic	N/A	27. No. of Personnel 2	
TCEQ: (713) 767-3563	USFWS: (281) 286-8282	25. Booming Strategy Recommendation Boom to prevent oil from impacting bird rookery. Deflecting oil away from the island may be the best strategy.			
29. Prepared By:			30. Reviewed by (PSC)		31. Reviewed by (OSC):

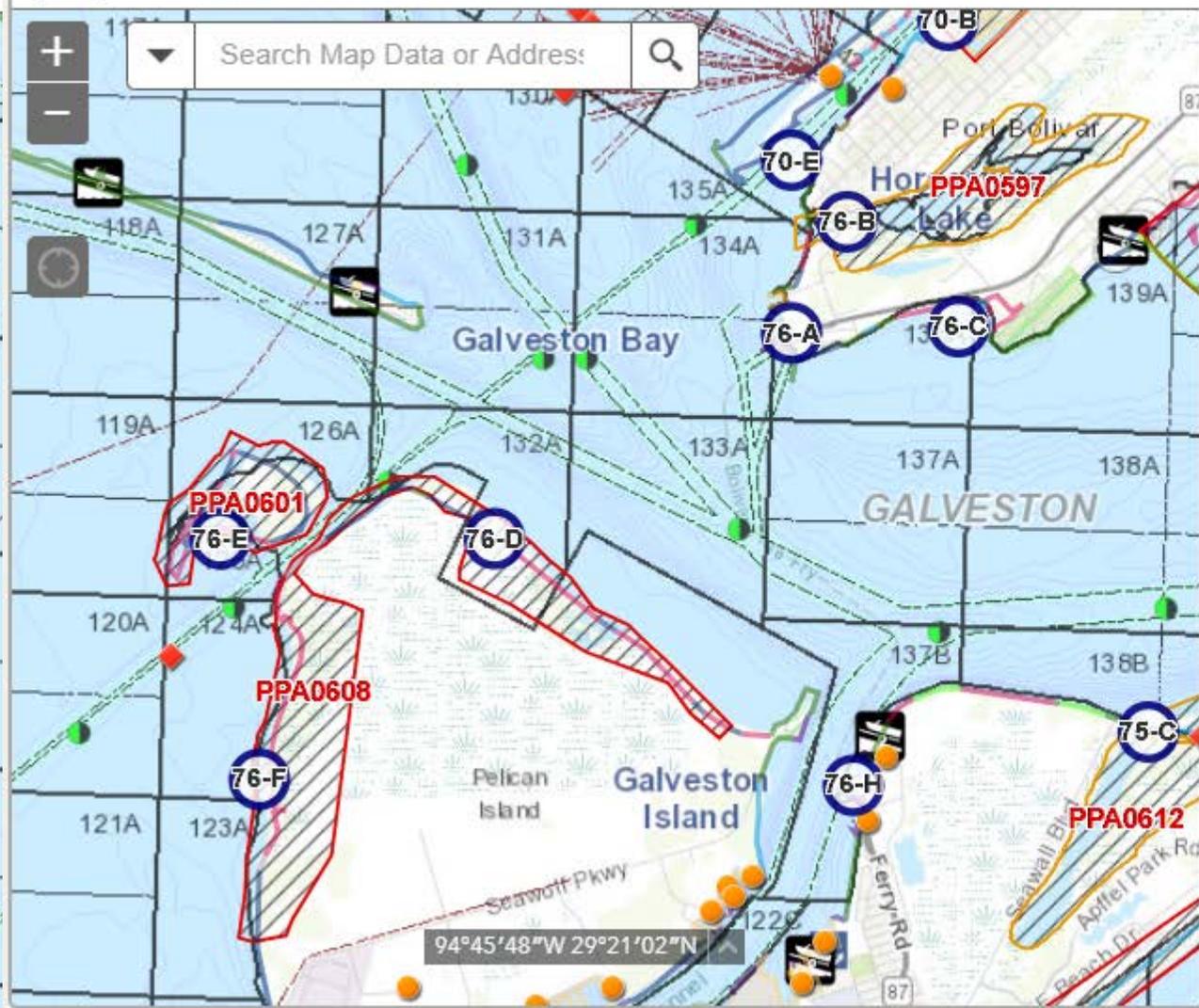
AERIAL PHOTO

ON SITE PHOTO




Functionality

The screenshot displays the 'Oil Spill Response Mapper' web application. The interface includes a top navigation bar with the title 'Oil Spill Response Mapper' and a link to 'Help/Instructions Document'. A toolbar on the right contains icons for map navigation and data management. A search bar on the left allows for 'Search Map Data or Address:'. The main map area shows the Gulf of Mexico coastline with several Critical Operational Transfer Point (COTP) zones delineated by black lines: Corpus Christi COTP Zone, Houston-Galveston COTP Zone, Port Arthur COTP Zone, Houma COTP Zone, New Orleans COTP Zone, and Mobile COTP Zone. Major cities like Houston, New Orleans, and Baton Rouge are labeled. A hand icon points to the 'Layers' icon in the top right toolbar. A coordinate box at the bottom center shows the location $91^{\circ}35'57''\text{W } 28^{\circ}13'56''\text{N}$.



Create Report

Selected Area

Draw

Select draw mode



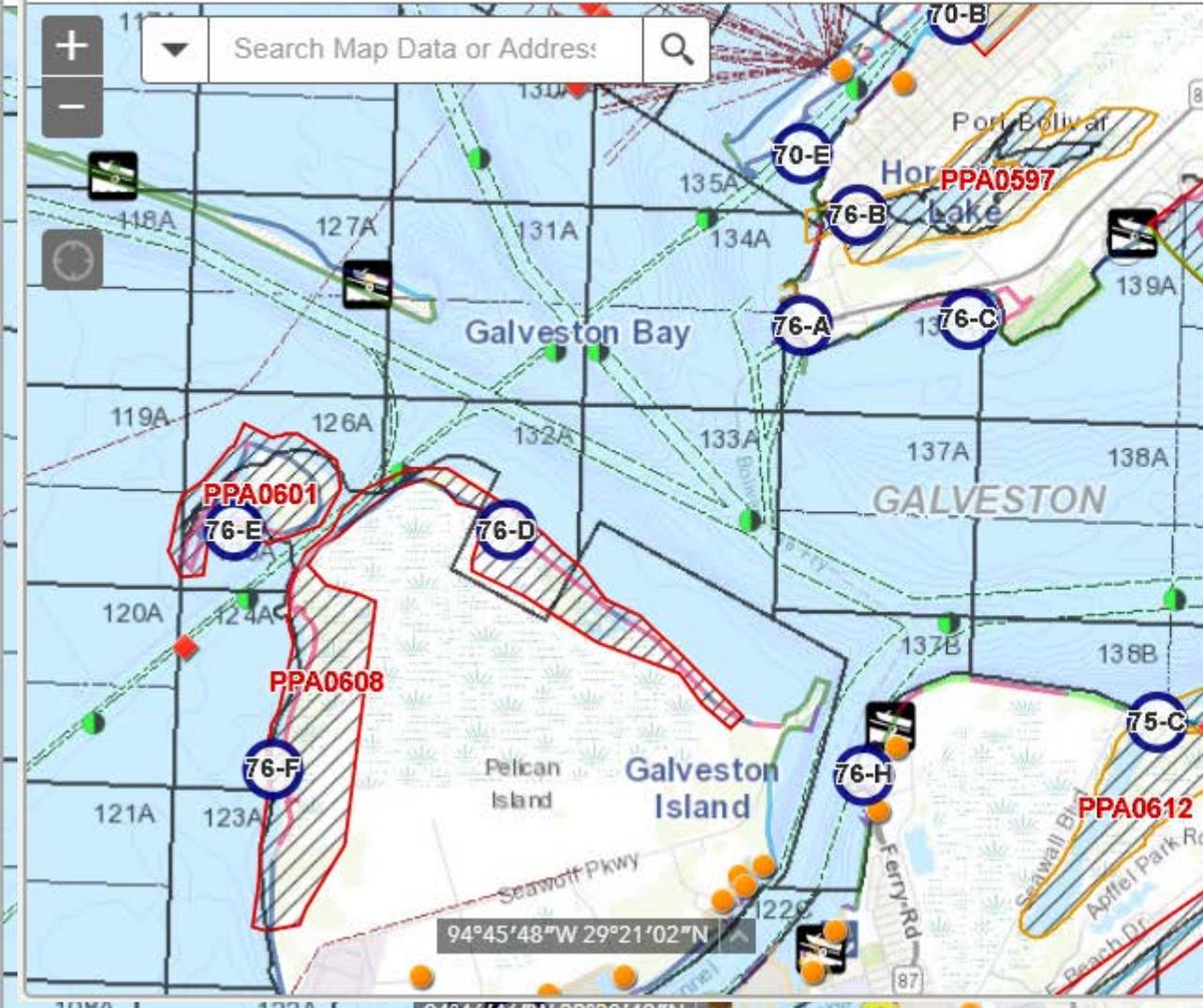
+ Choose selectable layer

Buffer distance (optional)

Show results within Miles

Create Report Start Over





Create Report

Selected Area

Draw Coordinates

Select draw mode



Stable layer

Buffer (optional)

Show results within Miles



Create Report

Selected Area

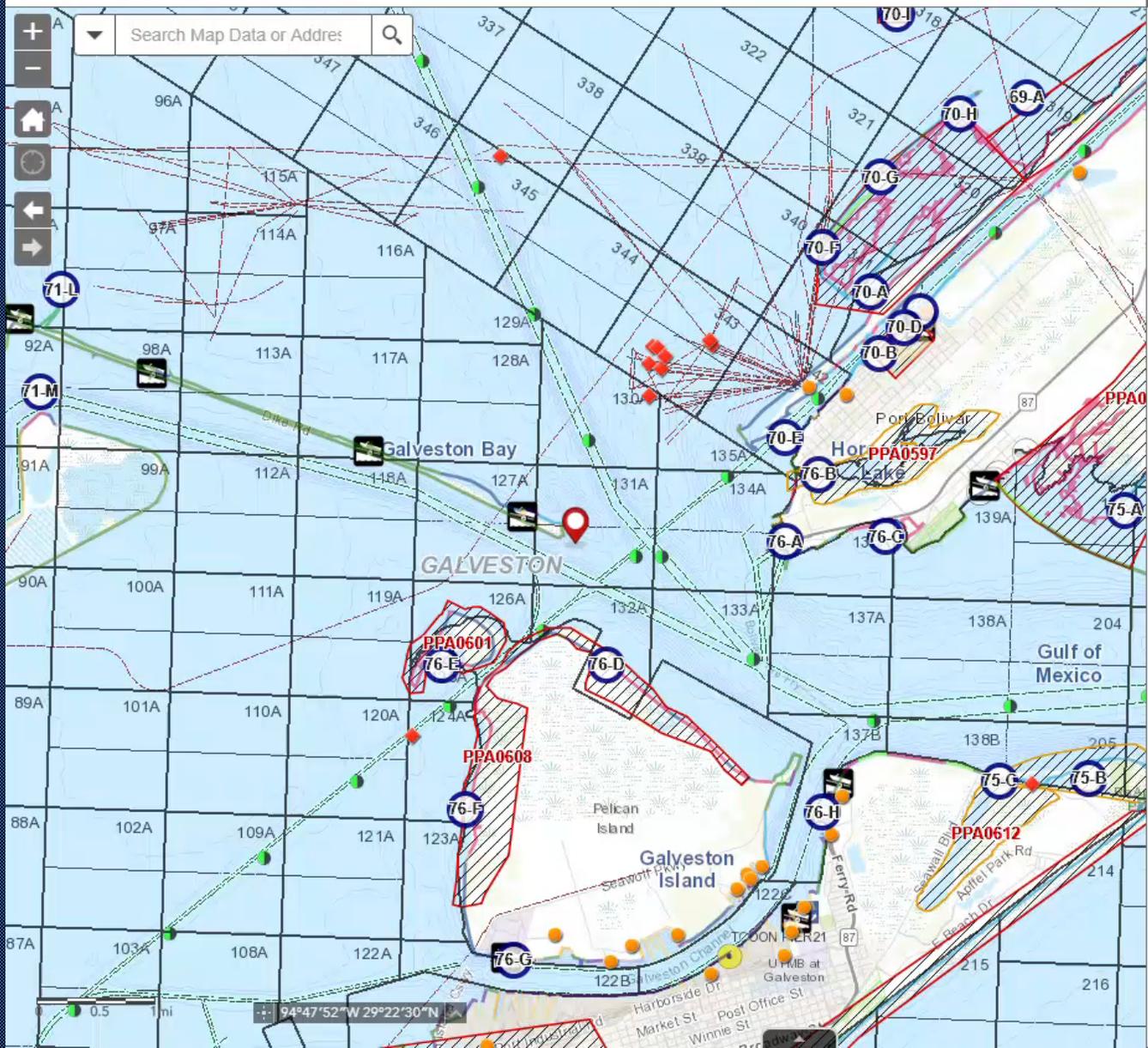
Select draw mode



Choose selectable layer

Buffer distance (optional)

Show results within Miles



Tools: Print, Download, Search, Layers, etc.

Create Report

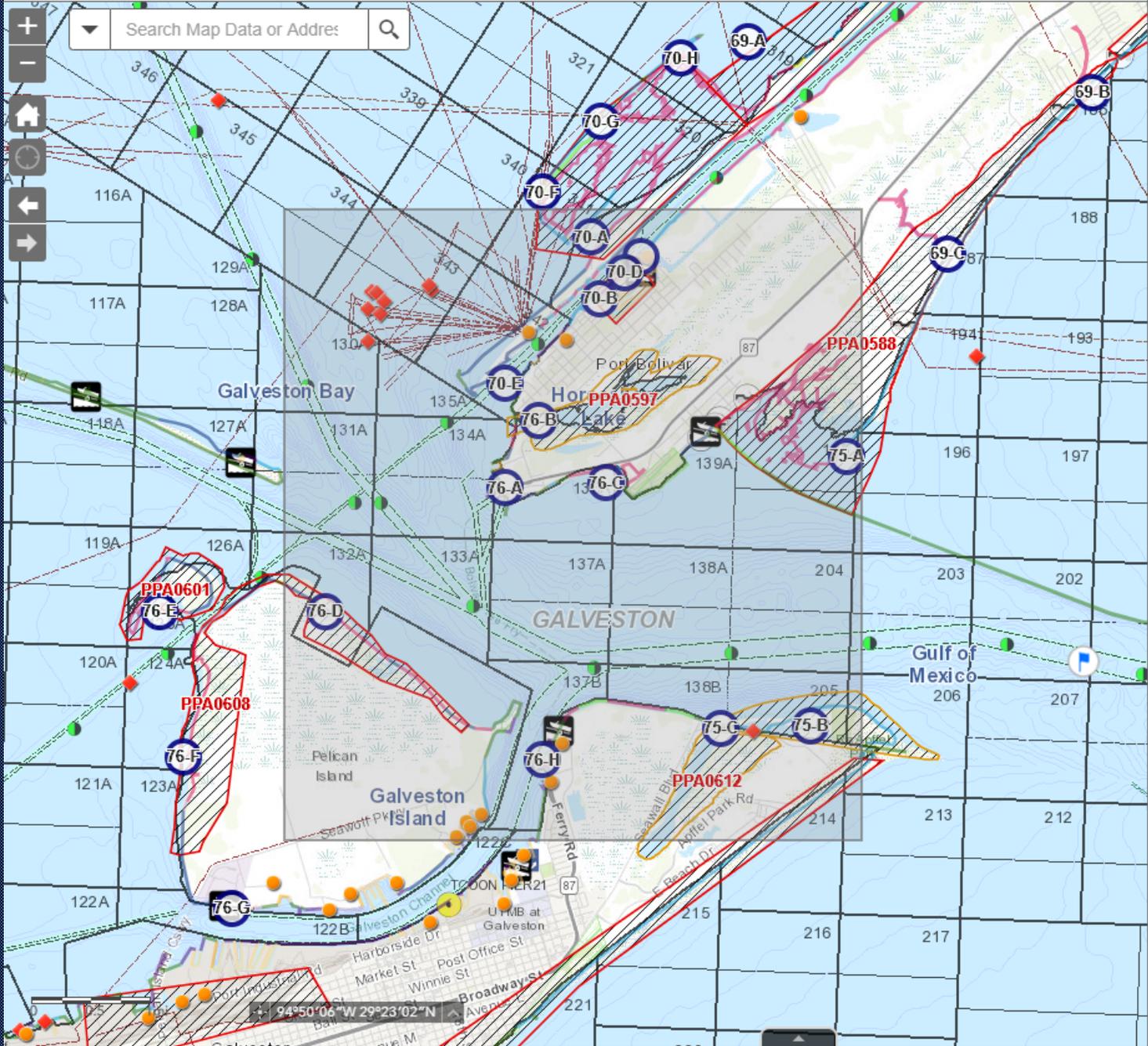
Selected Area

Select draw mode

+ Choose selectable layer

Buffer distance (optional)

Show results within Miles



Create Report [Close]

Create Report [Search]

< Back Area : 16,065.54 acres

Show areas in [Metric Units](#) [Download] [Print]

- Staging Area (0) [Settings]
- ESI Shoreline (219) [Settings]
- Nesting Locations (7) [Settings]
- Bird (1,067) [Settings]
- Fish (775) [Settings]
- Reptile (19) [Settings]
- Invertebrates (67) [Settings]
- Marine Mammals (6) [Settings]
- Terrestrial Mammals (1) [Settings]
- Lower Coast Species Data (0) [Settings]
- Facilities (9) [Settings]
- Water Intakes (0) [Settings]
- Boat Ramp (1) [Settings]
- Beach Access (6) [Settings]
- Marina (0) [Settings]
- City Jurisdiction (2) [Settings]
- County Jurisdiction (1) [Settings]

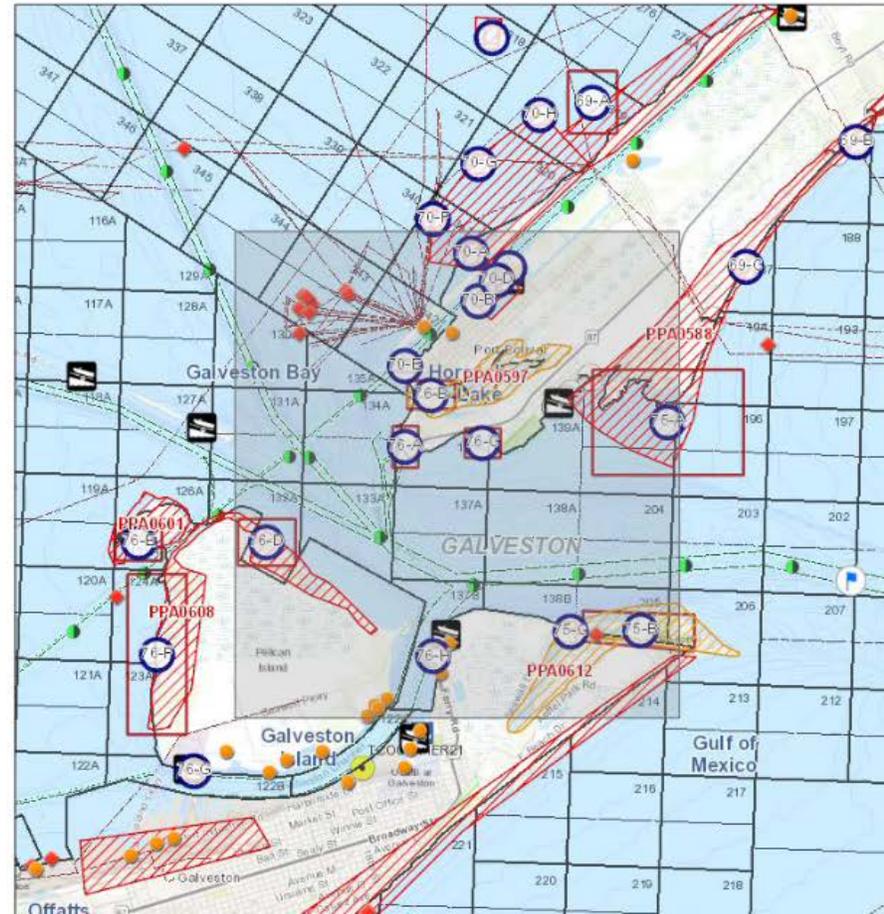




Species Report

Area Map

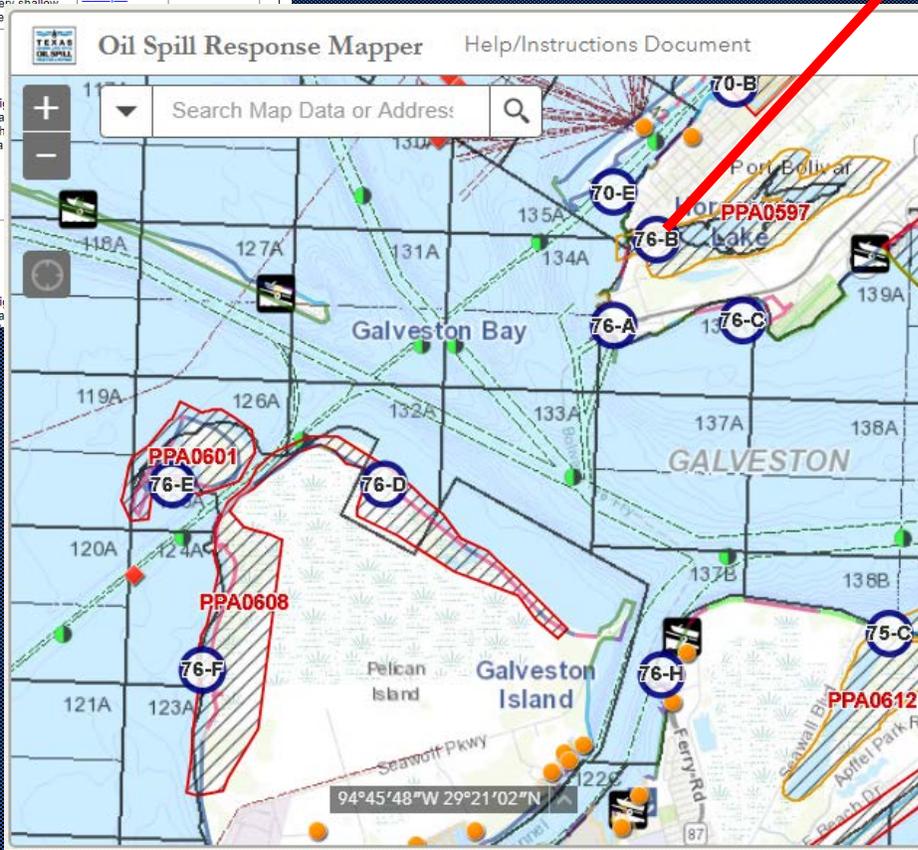
Area : 16,065.54 acres



GRP PDF for field deployment

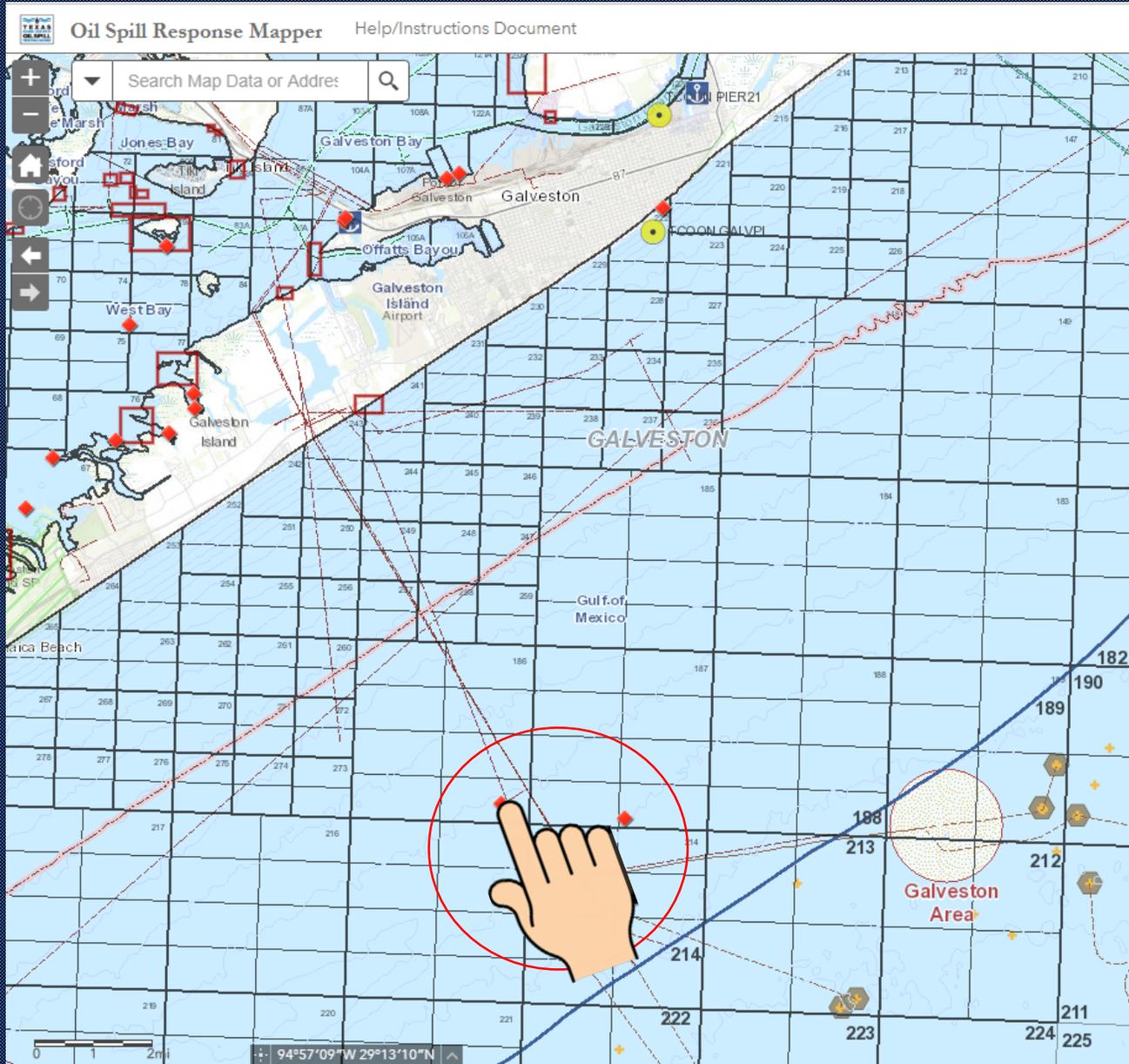
Geographic Response Plans

#	Site Number	Name	Site Information	Directions From Sector	Booming Strategy	Safety Note	PDF Link	Count
1	76-B	Horseshoe Lake	Entrance to Horseshoe Lake	I45 south the Seawall Blvd, left on Seawall Blvd to Hwy 87. Follow Hwy 87 to landing and board ferry. Upon exiting ferry on Hwy 87 take first onto Frenchtown Rd. Entrance is first small bridge.	Deploy boom at the bridge to prevent migration of oil into the lake and adjacent marshes. Sorbent material contained in wire baskets can be suspended from the bridge to collect oil entraining under boom.	Shallow water hazards exist in and around Horseshoe Lake. Watch for large swells due to vessel traffic in both the Houston Ship channel and the ICWW.	http://gisweb.glo.texas.gov/grp/ICS204OS_76-B.pdf	1
2	70-A	Baffle Point Marsh #1	Cut into dredge spoil marsh at Baffle Point. Water is very shallow.	Access by boat only	Deploy boom to prevent migration of oil into marsh.	Large swells may develop during deep draft vessel movement. Very shallow.	http://gisweb.glo.texas.gov/grp/ICS204OS_70-A.pdf	1
3	70-C	United Seafood/Hornbecks Seafood	Entrance into large shrimp boat basin. High vessel traffic in this area. Fringe marsh along both shorelines in the ICWW.	South on I-45 to Ferry Road. Cross Bolivar Ferry and left on Loop 108 left on 23rd street, continue to dead end.	Deploy boom to prevent migration of oil into fishing fleet basin. Alternatively, oil may be directed into this location for containment and recovery operations.	High traffic. Shallow.		
4	70-D	Laguna Harbor	One of two entrances into a residential canal complex. Adjacent to 23rd street in Port Bolivar.	South on I-45 to Ferry Road. Cross Bolivar Ferry and left on Loop 108	Deploy boom to prevent migration of oil	High traffic. Shallow.		



[Back To Map](#)

1. Incident Name		2. Operational Period (Date/Time)		Assignment List ICS 204-OS	
3. Branch			4. Division/Group		
5. Operations Personnel Operations Section Chief _____ Branch Director _____ Division/Group Supervisor _____					
6. Resources Assigned This Period *X* Indicates 204a attachment with special instructions					
Resource Identifier	Leader	Contact Info #	# of Persons	Reporting Info/Notes/Remarks	
7. Assignments					
SAFETY NOTE: Shallow water hazards exist in and around Horseshoe Lake. Watch for large swells due to vessel traffic in both the Houston Ship channel and the ICWW.					
8. Site Number: 76-B	9. Quad Name: Galveston	10. NOAA Chart #: 11324, 11326	11. GLO Atlas Page #: 76	12. County: Galveston	
13. Site Information: Horseshoe Lake Entrance to Horseshoe Lake				14. Latitude From: 29 22' 19"N	To: _____
				15. Longitude From: 94 46' 38"W	To: _____
16. Closest Boat Ramp: Galveston Yacht Basin			17. Distance From Ramp: 2.5 NM	18. Boat Type: Multiple Types	
19. Directions From Local Sector I45 south the Seawall Blvd, left on Seawall Blvd to Hwy 87. Follow Hwy 87 to landing and board ferry. Upon exiting ferry on Hwy 87 take first onto Frenchtown Rd. Entrance is first small bridge.					
22. Trustee/Contact Numbers USCG: (281) 464-4800 RRC: (713) 869-5001 USCG DUTY: (800) 424-4800 TPWD: (281) 842-8100 TGLO: (800) 832-8224 NRDA: (512) 463-9309 TCEQ: (713) 767-3563 USFWS: (281) 286-8282		23. Resources at Risk Atlas Priority: Medium Environmental: High Economic: N/A		24. Width of Inlet: 50' in ft. 25. Water depth in ft.: 2' 26. Current: Medium 27. No. of Personnel: 2	
25. Booming Strategy Recommendation Deploy boom at the bridge to prevent migration of oil into the lake and adjacent marshes. Sorbent material contained in wire baskets can be suspended from the bridge to collect oil entraining under boom.					
AERIAL PHOTO			ON SITE PHOTO		
29. Prepared By: _____		30. Reviewed by (PSC): _____		31. Reviewed by (OSC): _____	
Assignment List		ICS 204 OS (Geographic Response Plan)		Project Updated: _____	
<small>*Response strategies may need to be modified to account for changes due to seasonality, weather conditions, spill characteristics, tides and any other considerations.*</small>					



More queries



Map Contents

- Click the box to activate map layer
- Geographic Response Plans TGLO
- TGLO Oil Spill Facilities
- Offshore Structures Inventory TGLO
- Staging Area
- Tidal Inlet Protection Strategies (TIPS)
- GLO Property Locations
- Response Trailer Locations
- Nesting Location
- ESI Shoreline
- Priority Protection Areas
- Evacuation Staging Areas
- Abandoned Sunken Vessels
- TXDOT Evacuation Route
- Geographic Response Plans TGLO Polygons
- Oil Spill Boat Ramps
- Birds
- Reptiles
- Mammals Terrestrial
- Mammals Marine

Limitations

- Connectivity
- Data
- Updates

Communication Tower - Rockport TXDOT



Before Harvey



After Harvey



Steven G Buschang
Director of Research and Development
State Scientific Support Coordinator
Texas General Land Office
Oil Spill Prevention and Response

Federal Report Outs -- GSA



RRT-6 Fall 2018 Meeting

8-9 Nov 2018



U.S. General Services Administration

Federal Report Outs – General Services Administration

presented by
The Office of Mission Assurance



Contact Information

Primary	U.S. GSA Office of Mission Assurance	David	Waishes	david.waishes@gsa.gov 817-978-4440
Alternate	U.S. GSA Office of Mission Assurance	Dan	Matkin	dan.matkin@gsa.gov 817-978-1016
Alternate	U.S. GSA Office of Mission Assurance	Ray	Hunnicut	ray.hunnicutt@gsa.gov 817-207-6311
Alternate	U.S. GSA Office of Mission Assurance	Jamie	Duran	jamie.duran@gsa.gov 817-978-4444
FAS Questions	U.S. GSA Federal Acquisition Services (FAS) – Customer Service Main Customer Service line: 817-850-8472	Joey	Phelps	joey.phelps@gsa.gov 817-850-8488 or 817-825-5414



Executive Summary

Challenges-	GSA activation for RRT is few and far between. Disaster vs Own Authority
Lessons Learned-	
Best Practices-	



Executive Summary

Challenges-	GSA activation for RRT is few and far between. Disaster vs Own Authority
Lessons Learned-	GSA provides “space” options and acquisitions. (Deepwater Horizon)
Best Practices-	



Executive Summary

Challenges-	GSA activation for RRT is few and far between. Disaster vs Own Authority
Lessons Learned-	GSA provides “space” options and acquisitions. FAS may be able to assist you under your own authorities.
Best Practices-	



Executive Summary

Challenges-	GSA activation for RRT is few and far between. Disaster vs Own Authority
Lessons Learned-	GSA provides “space” options and acquisitions. FAS may be able to assist you under your own authorities.
Best Practices-	GSA FAS under Stafford Act: FEMA requests acquisitions



Executive Summary

Challenges-	GSA activation for RRT is few and far between. Disaster vs Own Authority
Lessons Learned-	GSA provides “space” options and acquisitions. FAS may be able to assist you under your own authorities.
Best Practices-	GSA FAS under Stafford Act: FEMA requests acquisitions GSA FAS Customer Service: Joey Phelps & CS line (817-850-8472)



Executive Summary

Challenges-	GSA activation for RRT is few and far between. Disaster vs Own Authority
Lessons Learned-	GSA provides “space” options and acquisitions. FAS may be able to assist you under your own authorities.
Best Practices-	GSA FAS under Stafford Act: FEMA requests acquisitions GSA FAS Customer Service: Joey Phelps & CS line (817-850-8472) GSA Advantage - system training



Nothing to Report

Key Personnel Changes

Metrics/Trends/Challenges

Laws/Regulations/Policies

Training, Exercises, Workshops



U.S. General Services Administration

GSA Short Term Rental (STR)

Tel: 1-866-886-1232

Email: gsa_rental@gsa.gov

Visit us at STR.FAS.GSA.GOV

The screenshot shows the homepage of the Short Term Rental (STR) program. At the top, there is a navigation bar with the GSA logo on the left and a row of icons representing various vehicles: a red car, a yellow construction vehicle, a white van, a black car, and a white truck. To the right of these icons is the 'STR' logo with the tagline 'Short Term Rental'. Below the navigation bar is a blue header with the text 'About STR' and 'Privacy'. The main content area features a large image of a fleet of white buses. To the right of the image is the heading 'Short Term Rental Program' followed by a paragraph: 'GSA Fleet STR program supplies additional vehicles to temporarily supplement your vehicle and equipment needs. GSA handles all procurement requirements to quickly provide you with the resources you need to complete your mission.' Below this text are two buttons: 'Login' and 'Sign Up'. At the bottom of the page, there is a dark blue footer with three columns of text: 'About Us', 'Contact Us', and 'STR Technical Support Team'. The 'STR Technical Support Team' section includes the text: 'Hours of Operation: Mon - Fri, 7:00 a.m. - 3:00 p.m. CST; Tel: 1 (866) 886-1232; Email: gsa_strsupport@gsa.gov'.

Tel : 1 (866) 886-1232
Email:
gsa_rental@gsa.gov



STR Program Basics

- Rent Equipment or Vehicles from commercial vendors.
 - GSA Fleet STR program supplies additional vehicles to temporarily supplement your vehicle and equipment needs. GSA handles all procurement requirements to quickly provide you with the resources you need to complete your mission.
- Make requests online and receive the equipment in as little as 72 Hours.



Self-service Schedule Support for Short Term Rental:

- Schedule 48 TRANSPORTATION, DELIVERY AND RELOCATION SOLUTIONS: Vehicle rental services to supplement federal fleets and/or official business vehicular needs for other than temporary duty travel (non-TDY) purposes.
- Schedule 51 HARDWARE SUPERSTORE: Includes rental of all commercial products, tools, equipment and machinery.
- Schedule 56 BUILDINGS AND BUILDING MATERIALS/INDUSTRIAL SERVICES/SUPPLIES: Power distribution equipment, generators, batteries, lighting.

Federal Report Outs – DHS/FEMA



RRT-6 Fall 2018 Meeting

8-9 Nov 2018



Points of Contact

Primary	U.S. DHS / FEMA	Christine	Hanson	Christine.Hanson@fema.dhs.gov
Alternate	U.S. DHS / FEMA	David	Bell	David.Bell@fema.dhs.gov
Alternate	U.S. DHS / FEMA	Laverm	Young	Laverm.Young@fema.dhs.gov
Alternate	U.S. DHS / FEMA	Kenneth	Clark	Kennethg.Clark@fema.dhs.gov
Alternate	U.S. DHS / FEMA	Kevin	Jaynes	Kevin.Jaynes@fema.dhs.gov



Executive Summary

Challenges	<ul style="list-style-type: none">• Reducing timeline for establishing responder support camps• Messaging: CBRN vs. Hazmat
Lessons Learned	<ul style="list-style-type: none">• Floodplain review of staging sites
Best Practices	<ul style="list-style-type: none">• Reception Staging Onward Integration (RSOI)/Personnel Mobilization Center (PMC)



Key Personnel Changes

Role	Incoming	Outgoing
Response Division Planning Branch Chief	Wes (Frank) Ireland Frank.Ireland@fema.dhs.gov	Joe landoli
IMAT Operations Section Chief (Team 1)	Steve Palladino	Tex Burns
IMAT Team Lead (Team 1)	Frank Effrece Frank.Effrece@fema.dhs.gov	Steve Jellie
Regional Emergency Communications Coordinator	Joe Garcia	Greg Boren
Texas Recovery Office Director	Paul Morris Paul.Morris@fema.dhs.gov	n/a
Louisiana Recovery Office Director	It's complicated.	Mike Womack



Laws/Regulations/Policies

- Louisiana Recovery Office (LRO) transitioned to Louisiana Integration and Recovery Office (LIRO) on 1 November
- Regional Response Coordination Center (RRCC) task organization to change 3 January
 - Currently using Regional Incident Support Manual (RISM)
 - Returning to Incident Command Structure (ICS)
- Region 6 is designated FEMA HQ devolution
Region current effective date 1 April 2019



Metrics/Trends/Challenges

- Reducing timeline to establish Responder Support Camps (RSC)
 - Challenges:
 - Federal Disaster Declaration (DR)
 - Time required to assess needs
 - COA:
 1. Pre-identify available hotel rooms in the area
 2. Direct contract hotel
 3. Establish RSC
- CBRN versus Hazmat



Accomplishments

Training

Description	Dates
Mission Assignments – FEMA staff/OFAs/ESFs	12-13 June
Division Supervisor – Ops staff	16-20 July
Air Operations – Ops staff	26-30 August
Regional Response Readiness Module 1 (new FEMA employees)	17 October

Exercises/Workshops

Description	Dates
MSY GenPop Evacuation Exercise	22-23 May
US Army Corps of Engineers New Madrid Seismic Zone/Hurricane Tabletop Exercises	11-14 June
Response Division Training and Exercise Planning Workshop	10 July
Mission Assignments Financial Workshop	2 August
RRCC Validation Exercise	9 August
Defense Coordinating Element (DCE) Hurricane Rehearsal of Concept (ROC) Drill	25 September

Fed/State/Local planning and coordination efforts

Description	Dates
Regional Interagency Steering Committee (RISC) Meeting	22-24 May
Post-landfall Medical Institution Evacuation Workshop – Louisiana	25-27 July
Regional Interagency Steering Committee (RISC) Meeting	31 July – 2 August
Regional Interagency Steering Committee (RISC) Meeting	23-25 October



Outlook

Training

Description	Dates
RRCC RISM to ICS training	8 November 2019
Regional Response Readiness Module 2 (new FEMA employees)	5 December 2019

Exercises/Workshops

Description	Dates
Defense Coordinating Element (DCE) ARNORTH CERTEX	2-9 November 18
Grand Gulf Radiological Exercise	March 2019
Clear Path Exercise (DOE)	1-2 May 2019
Region 6 Shaken Fury Exercise	3-7 June 2019

Fed/State/Local planning and coordination efforts

Description	Dates
Four Corners EM Conference: Branson, MO	3-5 December 18
Regional Interagency Steering Committee (RISC) Meeting	February 19
Region 6 All Hazards Plan	Ongoing through September 19
Mission Capability Packages	Ongoing

Federal Report Outs – DHS / CFATS



RRT-6 Fall 2018 Meeting

8-9 Nov 2018



Key Personnel Changes

Role	Incoming	Outgoing
Chief of Regulatory Compliance	Steven Shedd	N/A
Supervisor, Houston	Doug Frey	Roxanne Ryder
Senior Chemical Security Inspector	Shawn Perceful	N/A



Metrics/Trends/Challenges

- Steady State Compliance Activities at this time
- 2019 Outreach Push – HSA, SERC, LEPC, 1st Responders
- Region 6 CFATS support to IP IMC, no challenges for response activities at this time



Laws/Regulations/Policies

- CFATS Act of 2014
 - 4 year authorization
- Seeking long-term reauthorization in Congress currently



Accomplishments

Training

Description	Dates
NSTR	

Exercises/Workshops

Description	Dates
Region 4/6 Hurricane Table Top Exercise	June 2018

Fed/State/Local planning and coordination efforts

Description	Dates
NSTR	



Outlook

Training

Description	Dates
Virtual Instructor-Led Training (VILT) Courses	Misc
https://cdp.dhs.gov/obp	

Exercises/Workshops

Description	Dates
Shaken Fury via R6 IP IMC	3 to 7 June

Fed/State/Local planning and coordination efforts

Description	Dates
Continued coordination with Federal/State/Local partners	

Federal Report Outs -- DOI



RRT-6 Fall 2018 Meeting

8-9 Nov 2018



Alternate	U.S. DOI / BIA	Waylon	Denny	waylon.denny@bia.gov
Alternate	U.S. DOI / BSEE	Gary	Petrae	gary.petrae@bsee.gov
Alternate	U.S. DOI / BSEE	Bryan	Rogers	Bryan.Rogers@bsee.gov
Alternate	U.S. DOI	Susan	King	susan_king@ios.doi.gov
Primary	U.S. DOI	Stephen	Spencer	stephen_spencer@ios.doi.gov
Alternate	U.S. DOI	Joyce	Stanley	joyce_stanley@ios.doi.gov
Alternate	U.S. DOI / U.S. FWS	Barry	Forsythe	Barry_Forsythe@fws.gov



Executive Summary

Challenges-	Departmental Reorganization (see map on upcoming slide)
Best Practices-	Tribal Engagement – Susan reported out progress to Executive Committee



Key Personnel Changes

Role	Incoming	Outgoing
FWS Region 4 Spill Contact (AR and LA)	Rotating – currently Steve Alexander (steven_alexander@fws.gov)	Greg Masson (retired)
Corpus Christi Contaminants Specialist	Denise Ruffino (denise_ruffino@fws.gov) Chip Wood (chip_wood@fws.gov)	Clare Lee (retired)
Regional Environmental Officer	Susan King (Acting) (susan_king@ios.doi.gov)	Steve Spencer (retiring as of December 21, 2018)



Key Personnel Changes - BSEE

Role	Incoming	Outgoing
BSEE OSPD Division Chief	Preparedness Verification Branch Chief Eric Miller Acting	David Moore
OSPD Preparedness Verification Branch Chief	Gulf Oil Spill Preparedness Section Supervisor Bryan Rogers Acting	Eric Miller



Metrics/Trends/Challenges

12 Unified Regions Based on Watersheds





Metrics/Trends/Challenges - BSEE

BSEE FY18:

- 200 OSRPs submitted and reviewed
- 18 Government Initiated Unannounced Exercises
- 82 Equipment preparedness verification inspections (depots)
- 102 Functional or Full-scale exercises and training activities evaluated
- 7 Enforcement actions



Laws/Regulations/Policies

- Endangered Species Act Emergency Consultation Guidelines for Spill Response
- Sent out draft for comments and for test use by Coastal Area Committees. New Orleans Sector has used it.
- Would like to eventually adapt for use in inland area of Region 6. Relies on use of the online FWS Information, Planning, and Consultation System (IPAC System) to determine presence of endangered/threatened species or critical habitats in impacted area.
- National Historic Preservation Act Historic Properties Specialist Training

Federal Report Outs – DOL/OSHA



RRT-6 Fall 2018 Meeting

8-9 Nov 2018



Primary	U.S. DOL / OSHA	Doug	Huddleston	Huddleston.Douglas@dol.gov
Alternate	U.S. DOL / OSHA	Josh	Flesher	Flesher.Josh@dol.gov



Laws/Regulations/Policies

OSHA “Establishment Search” Tool Upgrade

- OSHA is working on a system that will allow Local Emergency Planning Committee (LEPC) / State and Tribal Emergency Response Commission (SERC) / (TERC) officials to view OSHA citations involving hazardous chemicals at facilities located within their state or counties.

OSHA Process Safety Management (PSM) Standard Update

- OSHA convened a Small Business Advocacy Review Panel in order to receive feedback on potential revisions to OSHA's Process Safety Management Program (PSM) standard. Report issued August 1, 2016 – No revisions from this action.
- OSHA entered into the Small Business Regulatory Enforcement Fairness Act (SBREFA) process in October 2018.



Occupational Safety and Health Administration

[English](#) | [Spanish](#)

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- [WORKERS](#)
- [EMPLOYERS](#)
- [REGULATIONS](#)
- [ENFORCEMENT](#)
- [TOPICS](#)
- [NEWS & PUBLICATIONS](#)
- [DATA](#)
- [TRAINING](#)

Establishment Search

Reflects inspection data through 10/24/2018

This page enables the user to search for OSHA enforcement inspections by the name of the establishment. Information may also be obtained for a [specified inspection](#) or inspections within a [specified SIC](#).

Note: Please read important information below regarding interpreting search results before using.

Search By:

Establishment

(This box can also be used to search for a State Activity Number for the following states: NC, SC, KY, IN, OR and WA)

State

OSHA Office

Site Zip Code

Case Status

 All Closed Open

Violation Status

 All With Violations Without Violations

Inspection Date

Start Date

End Date

Submit

Reset

Can't find it?

Wildcard use %

[Basic Establishment Search Instructions](#)



Investigations

West Lake Pontchartrain – Block 41 East Rig Explosion

- OSHA issued Section 5(a)(1) citations at a Clovelly Oil site located in Lake Pontchartrain, Louisiana - Seven (7) employees injured - One (1) employee fatally injured - The operation involved employees working on an oil and gas production platform, and engaged in a well servicing pipe cleaning/clearing operation utilizing a proprietary chemical process to remove paraffin wax.
 - The employer did not manage the change of the process used for pipe clearing, which includes but is not limited to evaluating the contractor and the contractor's assessment of the process, and analyzing and evaluating the known and recognized hazards of the process and the potential for fire and explosion prior to the commencement of the operation.
 - **Synopsis / Hazards:** *Fire was thought to begin inside the Test Tank on the Platform* - Failed to identify the potential for static electricity to build; This was employer's first time using equipment – Failed to identify, recognize, evaluate, address, or control hazards associated with the operation.



Investigations



Photo Courtesy of the New Orleans Advocate

Federal Report Outs – DOC/NOAA



RRT-6 Fall 2018 Meeting

8-9 Nov 2018



Alternate	U.S. DOC -- NOAA	Paige	Doelling	paige.doelling@noaa.gov
Primary	U.S. DOC – NOAA	Charlie	Henry	charlie.henry@noaa.gov
Alternate	U.S. DOC -- NOAA	Brandi	Todd	brandi.todd@noaa.gov



Executive Summary

<p>Challenges</p> <p>-</p>	<p>Another Busy Hurricane Season</p> <p>Atlantic – Hurricane Florence Atlantic – Hurricane Michael Pacific – Hurricane Olivia Pacific – Hurricane Lane Pacific – Typhoon Tutu</p> <p>(No, I didn't forget the tropical storms that dump a lot of rain on Texas this year.)</p>
<p>Lessons Learned-</p>	<p>As important as mission and facility contingency planning is Staff and Family Planning – actually, more important!</p>
<p>Best Practices-</p>	<p>We need to capture and update the ESF-10 best practices and activities from the 2018 Hurricane Season in preparedness for 2019 – the next big storm might be here. (The NDOW Concept and Team has real value to this region.)</p>



Key Personnel Changes

Role	Incoming	Outgoing
New Orleans NOAA Scientific Support	ENS Ololade (Lola) Ajilore, NOAA Corps	LT Steve Wall, NOAA Corps
NOAA Scientific Support Coordinator	Paige Doeling, PhD (returning from detail*)	
	*	



Metrics/Trends/Challenges

- National Weather Service – National Hurricane Center
 - Current Director is Ken Graham – formally MIC, EFO New Orleans (from our region)
- NOAA Hurricane Hunters
- NOAA National Ocean Service
 - OCS – Navigation Response Team
 - OR&R – ESF-10 Support to USCG and ESF-3 Marine Debris Support
 - NGS – FEMA Mission Assignment -Aerial Damage Over-Flights

Totals for NOAA N68RF King Air FEMA Support Mission:

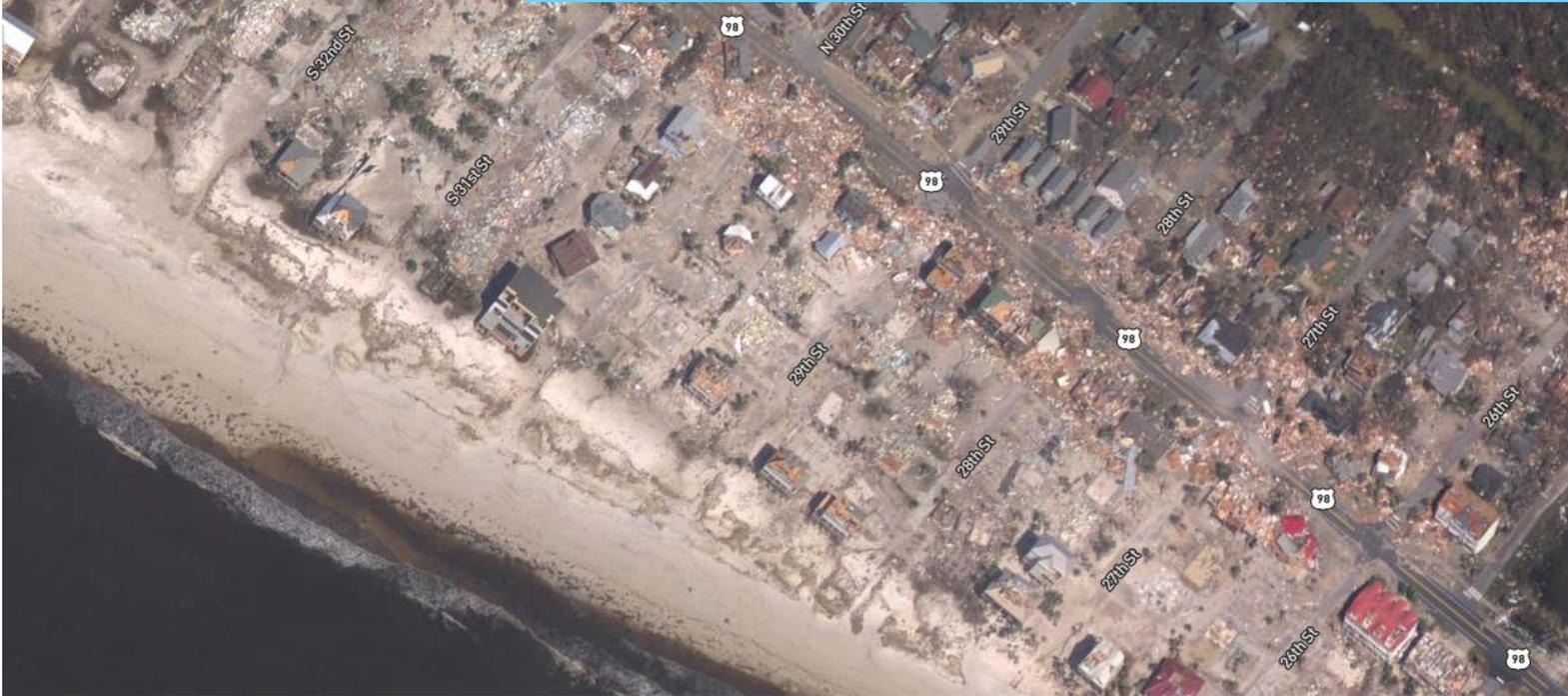
Hurricane Florence – North and South Carolina (only)

- **9580 images**
- **10756 sq km covered**
- **26.6 flight hours**



<https://storms.ngs.noaa.gov/>

Hurricane MICHAEL Imagery About





Laws/Regulations/Policies

- NSTR - Nothing Significant to Report



Accomplishments

Training

Description	Dates
NSTR	

Exercises/Workshops

Description	Dates
NSTR	

Fed/State/Local planning and coordination efforts

Description	Dates
NSTR	



Outlook

Training

Description	Dates
Science of Oil Spills (SOS) Mobile, AL	25-29 March 2019

Exercises/Workshops

Description	Dates
FEMA National Level Exercise	May 2019



Just search - NOAA SOS Course

<https://response.restoration.noaa.gov/training-and-education/training/workshops/science-oil-spills-classes.html>

Federal Report Outs -- EPA



RRT-6 Fall 2018 Meeting

8-9 Nov 2018



U.S. Environmental Protection Agency / Emergency Management Branch -- CO-CHAIR	Ronnie	Crossland
U.S. Environmental Protection Agency / Emergency Management Branch	Althea	Foster
U.S. Environmental Protection Agency / Emergency Management Branch -- Coordinator	Steve	Mason
U.S. Environmental Protection Agency / Emergency Management Branch	Monica	Smith



Executive Summary

Challenges-	<ul style="list-style-type: none">• Lost two OSCs to other jobs / amount of time to train new hire• Institutional knowledge transfer• Possible organizational changes in near future
Lessons Learned-	<ul style="list-style-type: none">• Documentation during large events has become even more important due to additional oversight
Best Practices-	<ul style="list-style-type: none">• LEPC Workshops• Hired 5 new OSCs to replace retiring/moving OSCs



Key Personnel Changes

Role	Incoming	Outgoing
2 OSCs		Changing jobs
5 new OSCs	2 internal / 3 external	



Metrics/Trends/Challenges

- 612 “Hazardous Substance” notifications from the NRC
- 818 “oil / oil product” notifications from the NRC
- 337 “other” notifications from the NRC
- Number of air release notifications continues to decrease each period



Laws/Regulations/Policies

- CAFO regulation under EPCRA
- Changes to the RMP rule
- Issuance of draft haz-substance prevention rule



Accomplishments

Training

Description	Dates
Region 6 IMT Exercises	July, 2018

Exercises/Workshops

Description	Dates
34 LEPC workshops	April – Sept
Region 7 full-field exercise	September
Louisiana Exercise	July

Fed/State/Local planning and coordination efforts

Description	Dates
NASTTPO / HOTZONE Participation	October, 2018



Outlook

Training

Description	Dates
TCEQ Emergency Response Training	November, 2018
RSC National Training	2019
OSC Academy	March, 2019

Exercises/Workshops

Description	Dates
NDOW Exercise – San Antonio	April, 2019

Fed/State/Local planning and coordination efforts

Description	Dates
Joint Region 6 / Region 7 RRT meeting	March, 2019
Bi-annual NDOW meeting	November, 2018

Federal Report Outs



RRT-6 Fall 2018 Meeting

8 Nov 2018



Role	RRT Member	Contact Info
Co-Chair	Mr. Michael Sams	(504) 671-2234 Michael.K.Sams@uscg.mil
Co-Chair Alternate	LCDR Chris Miller	(504) 671-223 Chris.J.Miller@uscg.mil
Coordinator	Mr. Todd Peterson	(504) 671-2232 Todd.M.Peterson@uscg.mil

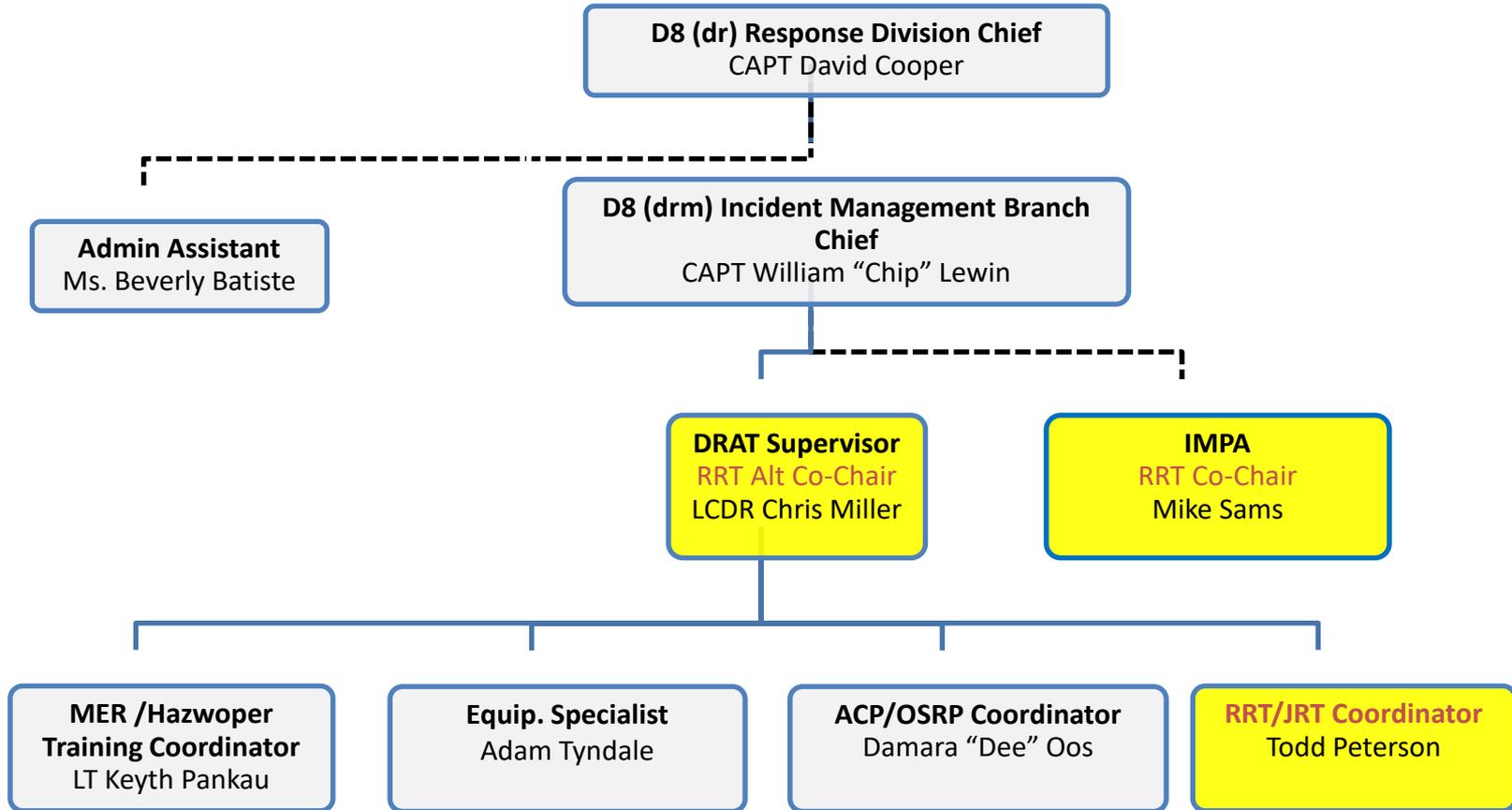


Overview

- Hurricane Michael
- TS Gordon & Hurricane Florance
- NRT-ACP Workgroup
- National Review Panel – ACPs
- Shaken Fury 2019
- Consultations



D8 (drm) Incident Management Branch





Laws/Regulations/Policies

- **CG Headquarters:**
 - **Environmental Response Management Application (ERMA):** The USCG and NOAA signed an Interagency Agreement that standardizes use of ERMA as the Common Operating Picture.
 - **Subchapter M:** Inspection of Towing Vessels Rule – rolled out on 20 July 2018
 - **USCG MER Manual:** Change 1 published on 1 Oct; Change 2 input due by 18 Jan 2019.
- **CGD 8 Policy Messages:**
 - Pollution Planning, Preparedness, and response areas of emphasis
 - ACP Policy Update



Accomplishments

Since last RRT meeting
16-17 May 2018

Fed/State/Local planning and coordination efforts

Description	Location	Dates
FEMA R6 Regional Interagency Steering Committee (RISC) Meeting	Denton, TX	21-24 May 2018
Clean Gulf Associates Annual Meeting	New Orleans, LA	19 Jul 2018
Preparedness Assessment Visit (PAV)	Sector Upper Mississippi River & MSU Paducah	23-27 Jul 2018
Area Contingency Plan (ACP) National Review Panel (NRP)	New Orleans, LA	24-26 Jul 2018
2018 National Response Team (NRT) - Regional Response Team (RRT) Co-Chairs Meeting	Philadelphia, PA	26-28 Jul 2018
RRT-8 Meeting	Denver, CO	16-17 Oct 2018
FEMA R6 Regional Interagency Steering Committee (RISC) Meeting	Denton, TX	23-25 Oct 2018



Outlook

Until Next RRT meeting
27-28 March 2019

Fed/State/Local planning and coordination efforts

Description	Location	Dates
28 th Annual Clean Gulf Conference	New Orleans, LA	13-15 Nov 2018
2019 Gulf of Mexico Oil Spill and Ecosystem Science Conference (GoMOSES)	New Orleans, LA	4-7 Feb 2019
3 rd Annual Clean Waterways Conference	Cincinnati, OH	16-18 Apr 2019
NRT-ACP Workshop	TBD	11-13 Jun 2019
MEXUSGULF Workshop	New Orleans, LA	Jun-Jul 2019
29 th Annual Clean Gulf Conference	New Orleans, LA	Week of 28 Oct 2019
International Oil Spill Conference (IOSC)	New Orleans, LA	11-14 May 2019
Louisiana Statewide AC Meeting	Baton Rouge, LA	TBD
Texas Statewide AC Meeting	Houston, TX	TBD



RCP Vol 4 Update



Michael Sams

Eighth Coast Guard District



Appendix 41

SCIENCE AND TECHNOLOGY ADVISOR(S)

SUPPORTING DOCUMENT FOR THE REGION 6 REGIONAL CONTINGENCY PLAN

Abstract

This Appendix is intended to address contingency planning and partnership gaps, especially with academia and other external technical specialists. Having the capability to engage with all stakeholder groups will help cultivate a broad capability to understand, monitor, characterize, and model hazards that can inform all levels of preparedness and response decisions.

Appendix 42

SEAFOOD LIAISON SPECIALIST (SLS)

SUPPORTING DOCUMENT FOR THE REGION 6 REGIONAL CONTINGENCY PLAN

Abstract

This Appendix is intended to address contingency planning and partnership gaps, especially with the seafood-related stakeholders, e.g., all types of fishers, and related technical specialists. Having the capability to engage with all stakeholder groups will help cultivate a broad capability to understand, monitor, characterize, and model hazards that can inform all levels of preparedness and response decisions.



Purpose

- Observations during Deepwater Horizon incident
- Admiral Allen's (11/2010) hindsight observation: "Social media and the 24-hour news cycle are part of a fundamental change in our sociological structure. Adapt, manage, or suffer. We all have to understand that there will never again be a major event in this country that won't involve public participation. And the public participation will happen whether it's managed or not." Ok, so let's adapt and manage it, and reduce the suffering on us and them.
- Infrequent need, but vital information during a significant incident
- Technical liaison function -- not PIO or messaging
- Flexible
- Doesn't preclude or pre-empt anything ad-hoc or incident-specific





U.S. Coast Guard District 8



Federal On-Scene Coordinator (FOSC) Reports







Sector Corpus Christi

Captain Edward Gaynor

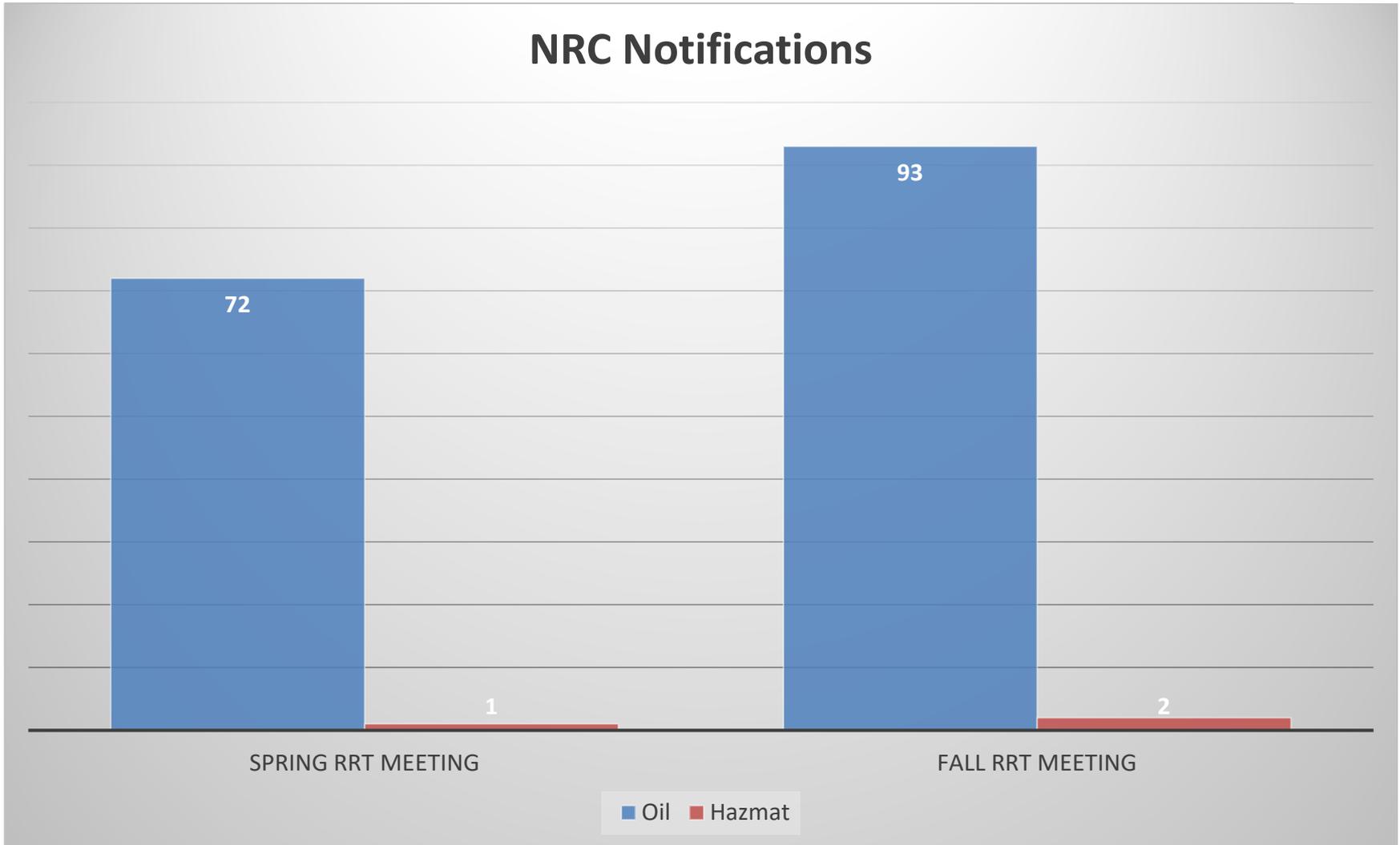
Sector Commander



NRC Notifications	RRT Activations	Federal Projects	CERCLA Projects
95	0 Surface Washing Agents 0 In-situ Burns 0 Dispersants	4	1



NRC Notifications





RRT Activation / Notification



Date:	30 AUG 2018	Activation		Notification	
Incident Name:	WEB 242 Inner Harbor Spill				
Issue / Concern:	Barge WEB 242 was loading VGO at Flint Hills Resources when the barge's port tank was overfilled causing ~256 bbls of VGO to discharge on deck. The barge's secondary containment could not contain the entire discharge and ~156 bbls of VGO entered the Corpus Christi Inner Harbor.				
Agencies Involved:	USCG & TGLO				
Decisions Made:	A modified ICP was established & staffed by USCG, TGLO, Flint Hills Resources, and RP. Multiple OSROs including 50+ responders, skimming systems, vacuum trucks, and pressure washing equipment were contracted by the RP. Consulted RRT-6 rep for possible application of SWAs; however, all cleanups were successfully completed with pressure washing.				





RRT Activation / Notification



Date:	17 APR 2018	Activation		Notification	
Incident Name:	Dredge/Pipeline Incident - UPDATE				
Issue / Concern:	Dredge JONATHAN KING BOYD struck a natural gas pipeline while attempting to spud down the barge causing a fire and subsequent natural gas condensate discharge. Potential discharge of diesel o/b dredge: 452 bbls. Actual discharge from pipeline: 3,458 bbls natural gas condensate.				
Agencies Involved:	Multi-agency response including responders from TGLO, USCG, & TXRRC.				
Decisions Made:	<p>11 crewmembers were safely removed from dredge. ICP established. RP responded and contracted w/ local fire dept, salvors, & OSRO. Temporary pipeline repairs were conducted.</p> <p>** Dredge/Pipeline Incident hot wash revealed initial pipeline jurisdictional confusion between state vs federal agencies.</p>				





Consultations



Incident Name	Start Date	Stop Date	With	Phase	For	Species (Common Name)	Type	Federal Listing Status	Critical Habitat	Total Cost
NSTR										
Total										\$0

None



Accomplishments



Since last RRT meeting
16-17 May 2018

Training

Description	Dates
Pollution Responder College	25-29 JUN 2018
NOAA Science of Chemical Releases	25-29 JUN 2018
Natural Disaster Operational Workgroup Training (NDOW) Training	26 JUN 2018
ICS 300	17-20 JUL 2018
ICS 345	30 JUL – 3 AUG 2018
Hazmat Incident Response	22-26 OCT
ICS 339	24-25 OCT
LNG training	6-7 NOV

Exercises/Workshops

Description	Dates
PREP Notification Drills	6 JUL 2018 & 5 OCT 2018
Q3/Q4 GIUE	18 JUN 2018 & 18 SEP 2018
AMSTEP	8 AUG 2018

Federal, state, and local planning and coordination efforts

Description	Dates
Natural Disaster Operational Workgroup Training (NDOW) Quarterly Meeting	27-28 JUN 2018
LEPC	3 JUL 2018 & 4 SEP 2018
STCZAC Meeting	24 JUL 2018 & 23 OCT 2018



Outlook

Until Next RRT meeting
27-28 March 2019



Training

Description	Dates
ICS 300	12-15 FEB 2018
ICS Refresher Workshop	TBD

Exercises/Workshops

Description	Dates
Lyondelle exercise	14 NOV
Q1 GIUE	DEC 2018
PREP Notification Drills	15 JAN 2019

Federal, state, and local planning and coordination efforts

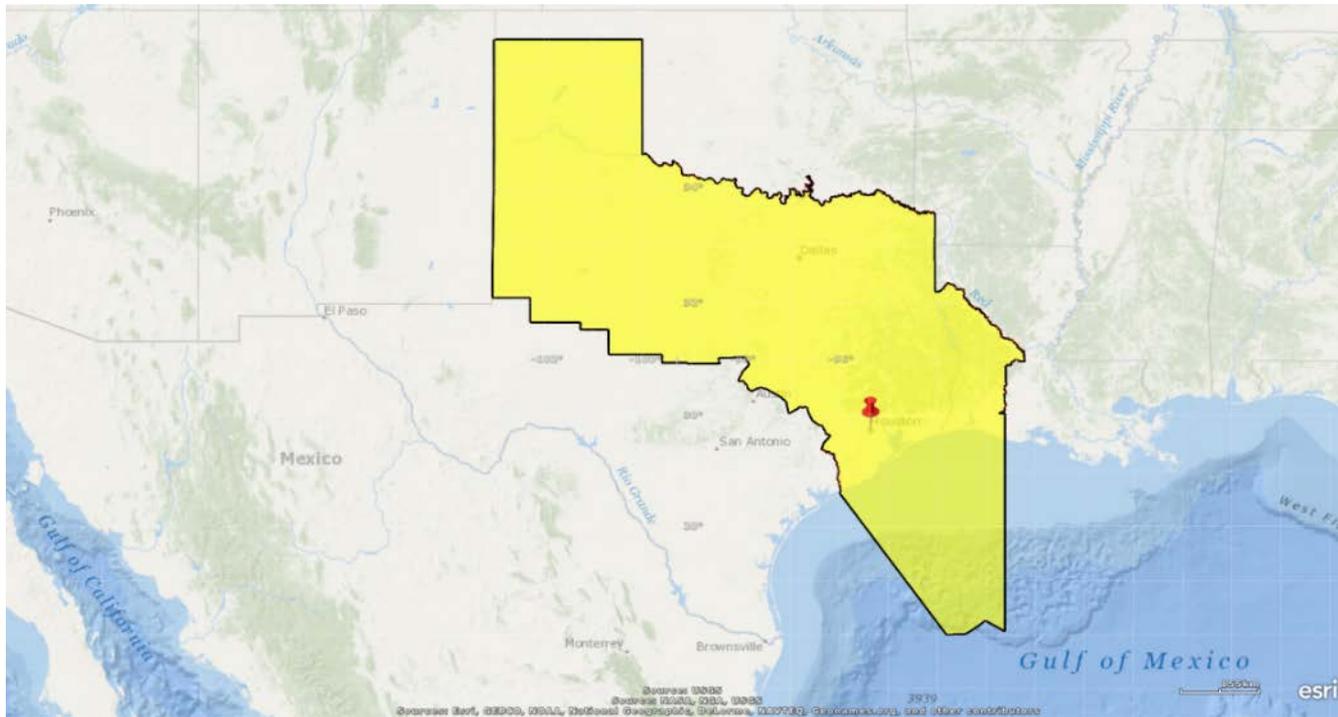
Description	Dates
2018 Clean Gulf Conference	13-15 Nov 2018
NDOW Quarterly Meeting	28-29 NOV
LEPC	6 NOV
STCZAC Meeting	24 JAN



Sector Houston-Galveston



Captain Kevin Oditt
Sector Commander



NRC Notifications	RRT Activations	Federal Projects	CERCLA Projects
181	0 Surface Washing Agents 0 In-situ Burns 0 Dispersants	05	05

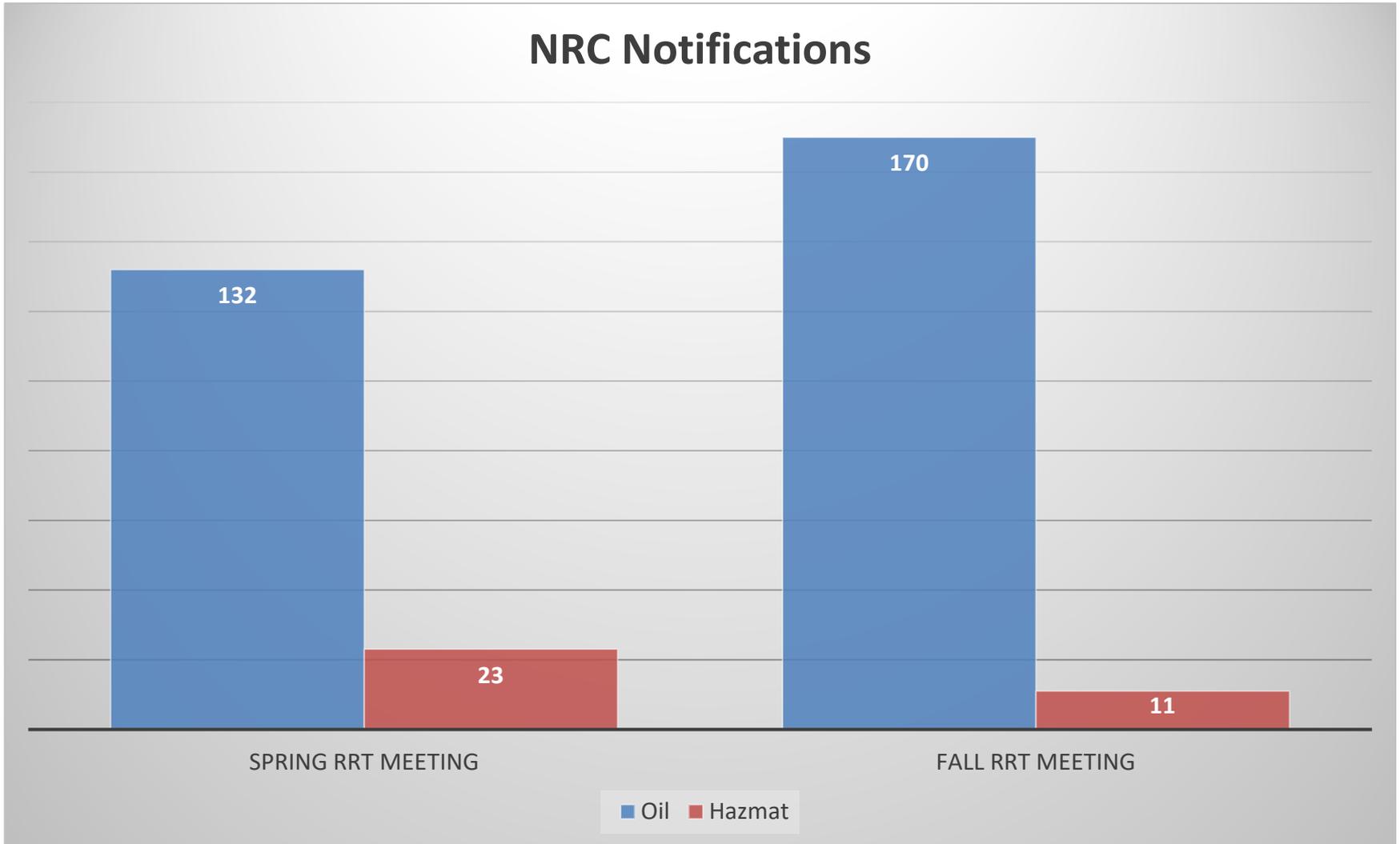


Executive Summary

Challenges-	<ol style="list-style-type: none">1) Aging oil platform infrastructure, coupled with frequent transfer of ownership & bankruptcy concerns.2) Impacts to commerce vs. environmental response operations.
Lessons Learned-	<ol style="list-style-type: none">1) Find balance between U.S economic interest & timely environmental cleanup - continued commercial operations in an impacted zone deterred recovery operations.
Best Practices-	<ol style="list-style-type: none">1)Utilization of USCG control measures to Promote timely and effective cleanup operations: COTP Orders Admin Orders



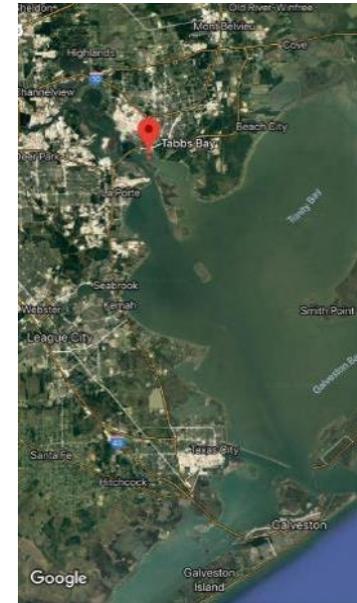
NRC Notifications





RRT Activation / Notification

Date:	4 JUN 2018	Activation		Notification	
Incident Name:	Siempre Energy LLC OSLTF #N18044 & #N18048				
Issue / Concern:	Failures of multiple oil platform systems in Tabbs Bay has resulted in multiple discharges (total: 42 bbls) of light crude as a result of unmaintained and derelict equipment.				
Agencies Involved:	USCG, TGLO, TXRRC, ORSO, & City of Baytown				
Decisions Made:	Utilized FOSC authorities to conduct clean-up and recovery operations of several Siempre leased platforms due to Siempre Energy's inability to effectively conduct recovery operations.				





RRT Activation / Notification

Date:	9 OCT 2018	Activation		Notification	X
Incident Name:	Enterprise Products, Relief Tank Overflow				
Issue / Concern:	WCD (Relief Tank Capacity): 300 bbls Actual Discharge: 115 bbls, 15 in the water Ship to shore xfer, cargo redirected to relief tank due to open relief tank valve, resulting in overflow/discharge of crude, Buffalo Bayou.				
Agencies Involved:	USCG, TGLO, & OSRO (OMI)				
Decisions Made:	COTP Order restricting vessel movement at impact docks. Hard and sorbent boom deployed with skimmers. High pressure hot wash of shoreline riprap. On going site remediation monitoring, documentation, and evaluation. FOSC exercised pre approval authority to utilize SWA.				



Incident Location



Photo



RRT Activation/ Notification



5OCT18



6OCT18



9OCT18



27OCT18



1NOV18



5NOV18



Accomplishments



Since last RRT meeting
16-17 May 2018

Training

Description	Dates
NOAA Science of Chemical Releases Course	25 – 29 JUN 2018
Pollution Incident Response School	20 – 31 AUG 2018
ICS 339/400 (Div/Group Supervisor / Advanced)	31 AUG - 2 SEP 2018 & 23 – 25 OCT 2018
CG District 8 FOSCR Training	7 SEP 2018
ICS 430 Ops Section Chief	10 – 14 SEP 2018
Coastal Oil Spill Control School (TEEX)	10 – 14 SEP 2018
ICS 300 (Intermediate)	18 – 21 SEP 2018
Dispersant Seminar	11 OCT 2018
HAZMAT Incident Response Course	15 – 19 OCT 2018

Exercises/Workshops

Description	Dates
BP Tabletop Exercise	12 JUL 2018
HWCG Exercise	7 – 8 AUG 2018
ExxonMobil WCD Exercise	5 SEP 2018 & 23 OCT 2018
BSEE GIUE	11 SEP 2018

**Federal, state, and local
planning and coordination
efforts**

Description	Dates
CTCAC	7 JUN 2018 & 6 SEP 2018
Natural Disaster Operational Workgroup Training (USCG)	18 JUL 2018



Outlook

Until Next RRT meeting
27-28 March 2019



Training

Description	Dates
FOSCR Training	JAN, MAR 2019
Science of Oil Spills	TBD
NOAA Shoreline Cleanup Assessment Technique	TBD
Oil Spill Control Technician	TBD

Exercises/Workshops

Description	Dates
Marathon Oil Spill Response Exercise	6 – 9 NOV 2018
BP Oil Spill Response Exercise	8 NOV 2018
Texas A&M Superfund Research Center (TEEX)	17 – 18 DEC 2018

Federal, state, and local planning and coordination efforts

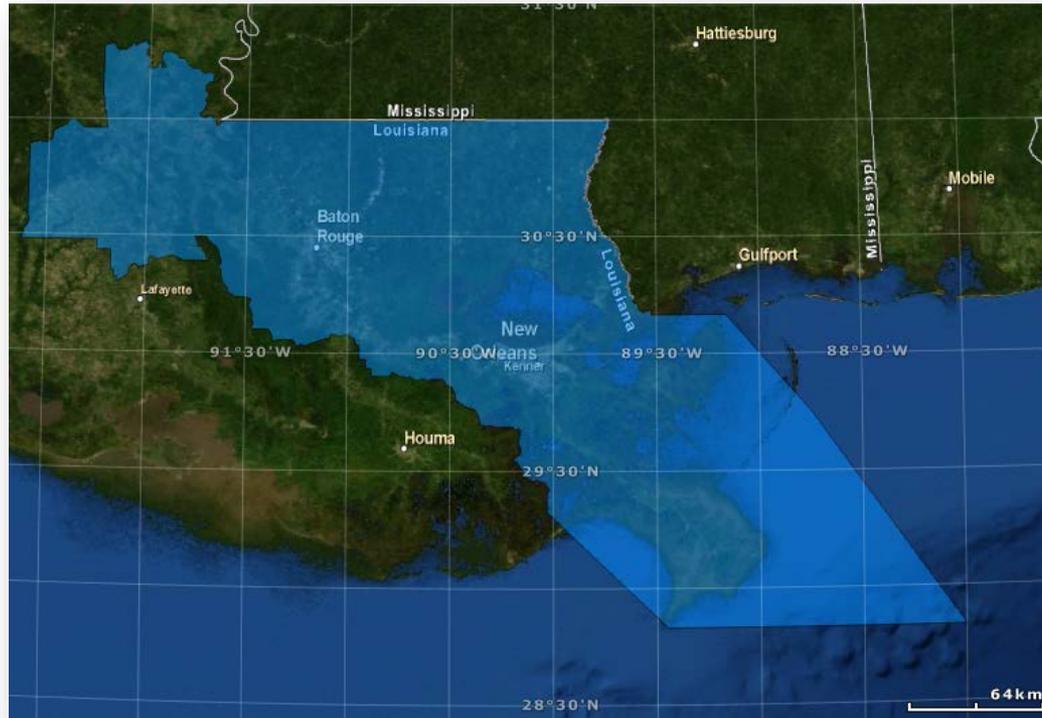
Description	Dates
2018 Clean Gulf Conference	13-15 Nov 2018
NDOW Quarterly Meeting	28 – 30 NOV
CTCAC	6 DEC



Sector New Orleans



Captain Kristi Luttrell
Sector Commander



FY18 NRC Notifications	RRT Activations	Federal Projects	CERCLA Projects
343	1 Surface Washing Agents 1 In-situ Burns 0 Dispersants	10	01

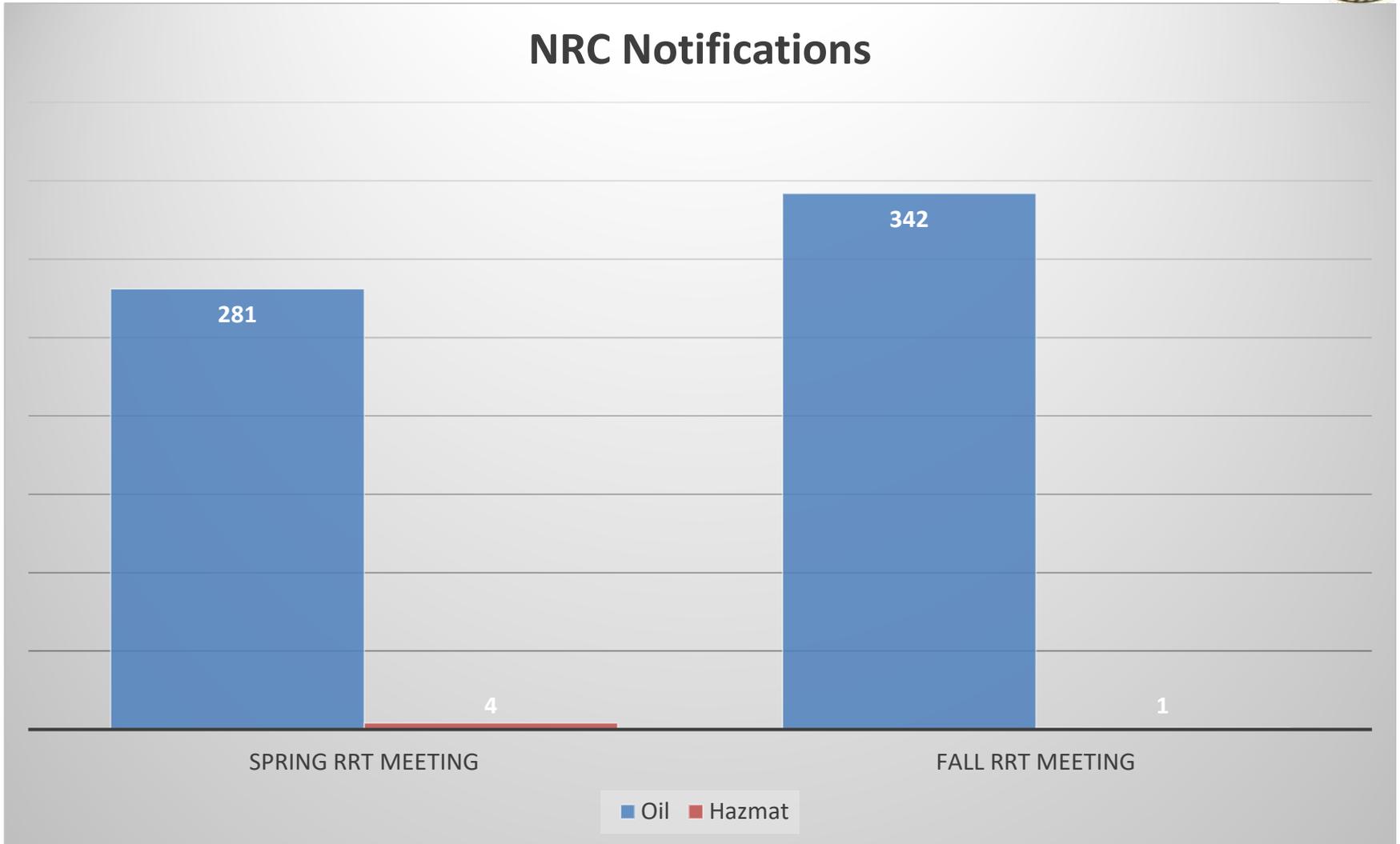


Executive Summary

Challenges-	<ul style="list-style-type: none">• Personnel Shortages for multiple responses federalized cases• Aging infrastructure, environmental threats
Lessons Learned-	<ul style="list-style-type: none">• Local integration into response
Best Practices-	<ul style="list-style-type: none">• E-Notification process for spills mtg certain threshold



NRC Notifications

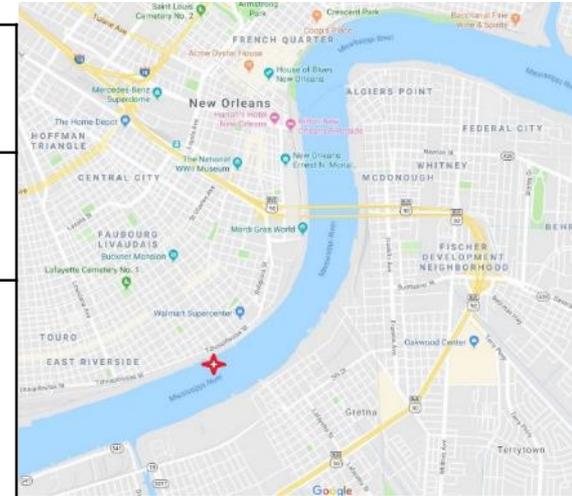




RRT Activation / Notification



Date:	12 APR 18	Activation		Notification	X
Incident Name:	M/V PAC ANTARES				
Issue / Concern:	M/V PAC ANTARES impacts a pier while mooring and discharged ~2,000gal No. 6 Fuel Oil into LMR ivo CBD. Incident impacted 2 major riverside festivals. Incident closed LMR to marine traffic for 36hrs				
Agencies Involved:	USCG, LOSCO, LDEQ, LDNR, LDWF, Local Parishes (Orleans, St. Bernard, Jefferson, Plaquemines) Response/OSROs: Gallagher Marine, OMI				
Decisions Made:	-2 Wk incident response, 2 months of coordination out of the Command Post to meet endpoints Lessons Learned: <ul style="list-style-type: none"> • Ops v. Optics • Local Integration into the IMT • Decontamination Procedures • Transition from ICP to Project Management • Safety +++ 				



Incident Location

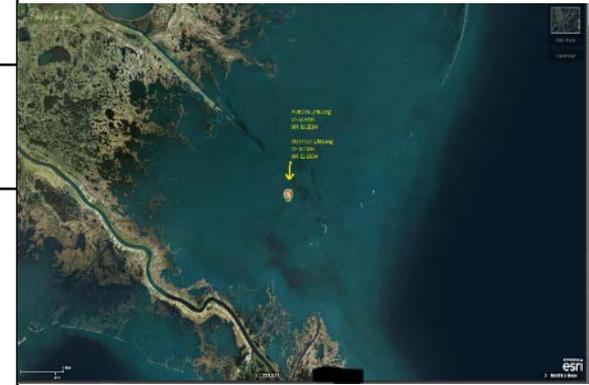


Photo



RRT Activation / Notification

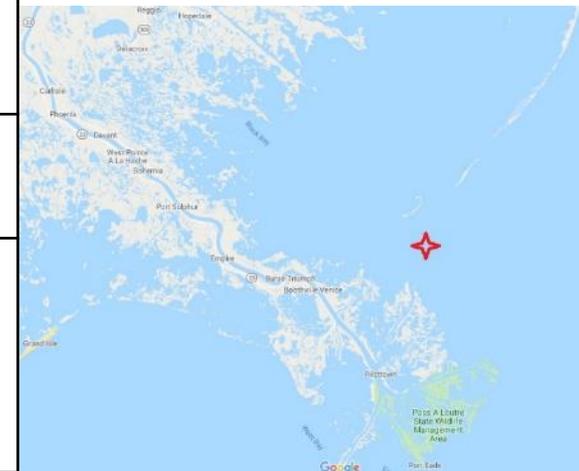
Date:	07/05/2018	Activation		Notification	
Incident Name:	Breton Sound 31– Orphan Platform Spill – Coastal Zone				
Issue / Concern:	Auxiliary overflight spots sheen coming from platform. Subsequent flight/response ID's sheen from platform and associated infrastructure. CG federalized initial response.				
Agencies Involved:	USCG, State of Louisiana DNR OSROs: Couvillion, OMIES				
Decisions Made:	USCG federalized response to substantial threat from topside infrastructure, flowlines, and storage barge beneath, ~7500bbls of liquids. <ul style="list-style-type: none">• CG stabilized leaking wellhead; LA DNR managed permanent P/A.• Use of House barge for personnel support				





RRT Activation / Notification

Date:	09/30/2018	Activation		Notification	
Incident Name:	Breton Sound 53 Response – Potential Major Oil Spill – Coastal Zone				
Issue / Concern:	USCG approached by BSEE and advised of imminent threat at Breton Sound 53 platform from topside vessels, associated pipelines, and storage barge.				
Agencies Involved:	USCG, BSEE/DOI, DOC/NOAA, State of Louisiana OSROs: Couvillion, OMIES				
Decisions Made:	<p>USCG Sector New Orleans federalized the response to a potential discharge from the platform. Total of 6,000bbls of oily liquids removed.</p> <ul style="list-style-type: none"> • Coordinated with current operators to access/flush abandoned pipelines. • Use of House barge for personnel support 				



Incident Location



Photo



Consultations



Incident Name	Start Date	Stop Date	With	Phase	For	Species (Common Name)	Type	Federal Listing Status	Critical Habitat	Total Cost
BS 31	30 JUL	30 JUL	DOI/USFWS	Response	Booming	West Indian Manatee	ESA	Endangered	No	100
BS 53	21 SEP	21 SEP	DOI/USFWS	Response	Vessel Operations	West Indian Manatee	ESA	Endangered	No	100
Total										200





Accomplishments

Since last RRT meeting
16-17 May 2018



Training

Description	Dates
MWCC Capabilities Brief	JUN 2018
Clean Gulf Associates mtg	19 JUL 2018
Oil Spill Control Course	6-10 AUG 2018
HWCG Capabilities brief	6 SEP 2018
NPFC/SILC TTP Training	7 SEP 2018
HSEEP	3-4 OCT 2018
NOAA SCAT Course	22-26 OCT 2018

Exercises/Workshops

Description	Dates
NDRP FSE	16-18 JUL 2018
PREP TTX	15 AUG 2018
HWCG Source Control TTX	8 AUG 2018
PBF Holdings Pipeline Ex	25 SEP 2018
GIUE @ Shell NORCO	13 SEP 2018
Plains All-American Pipeline	20 SEP 2018

Federal, state, and local planning and coordination efforts

Description	Dates
LEPCs (St. Tammany, St. Charles, St. John, St. James, St. Bernard, Jefferson, Plaquemines)	Ongoing
Region 1 Emergency Coordinators Meeting	Monthly
N.O. Federal Executive Board	Monthly



Outlook

Until Next RRT meeting
27-28 March 2019



Training

Description	Dates

Exercises/Workshops

Description	Dates
PREP FSE	20-24 MAY 19

Federal, state, and local planning and coordination efforts

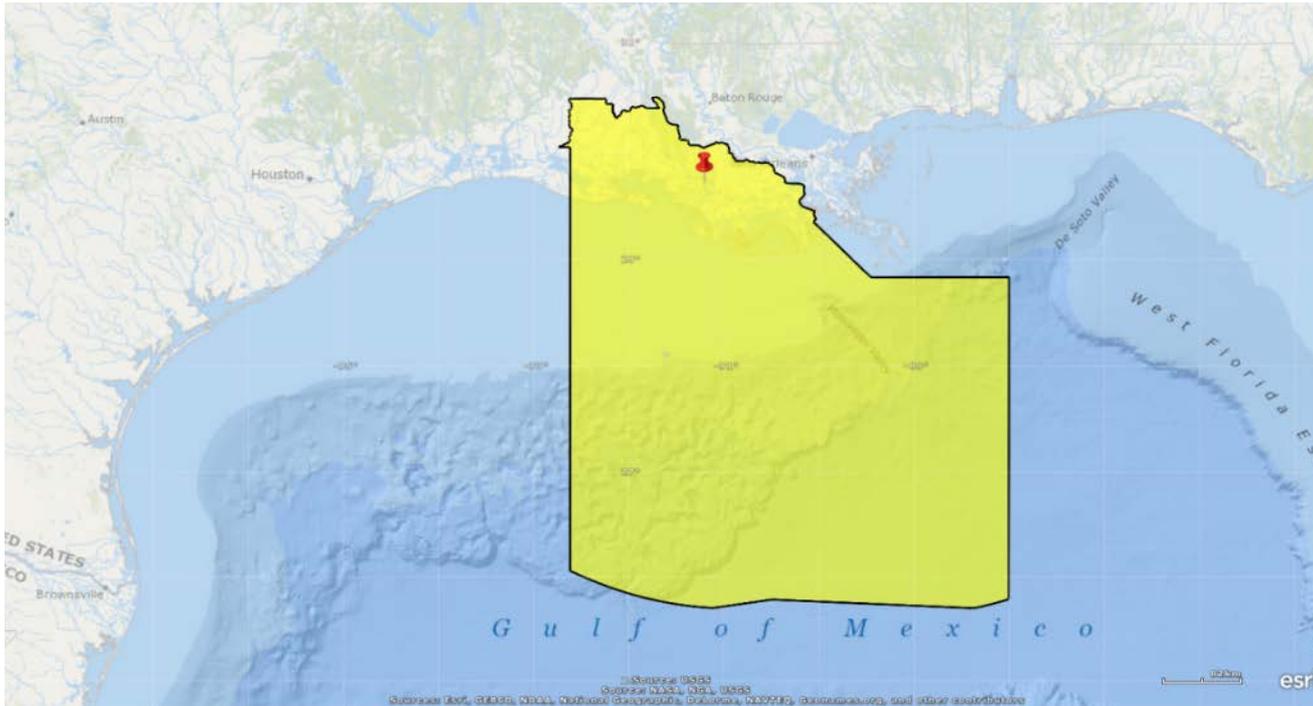
Description	Dates
2018 Clean Gulf Conference	13-15 Nov 2018
LEPC's(St. James, St. Charles, St. John, Plaquemines, Jefferson, St. Tammany, St. Bernard)	Ongoing/Regular
Geographic Response Strategies (GRS) Management Meetings	Ongoing



MSU Houma



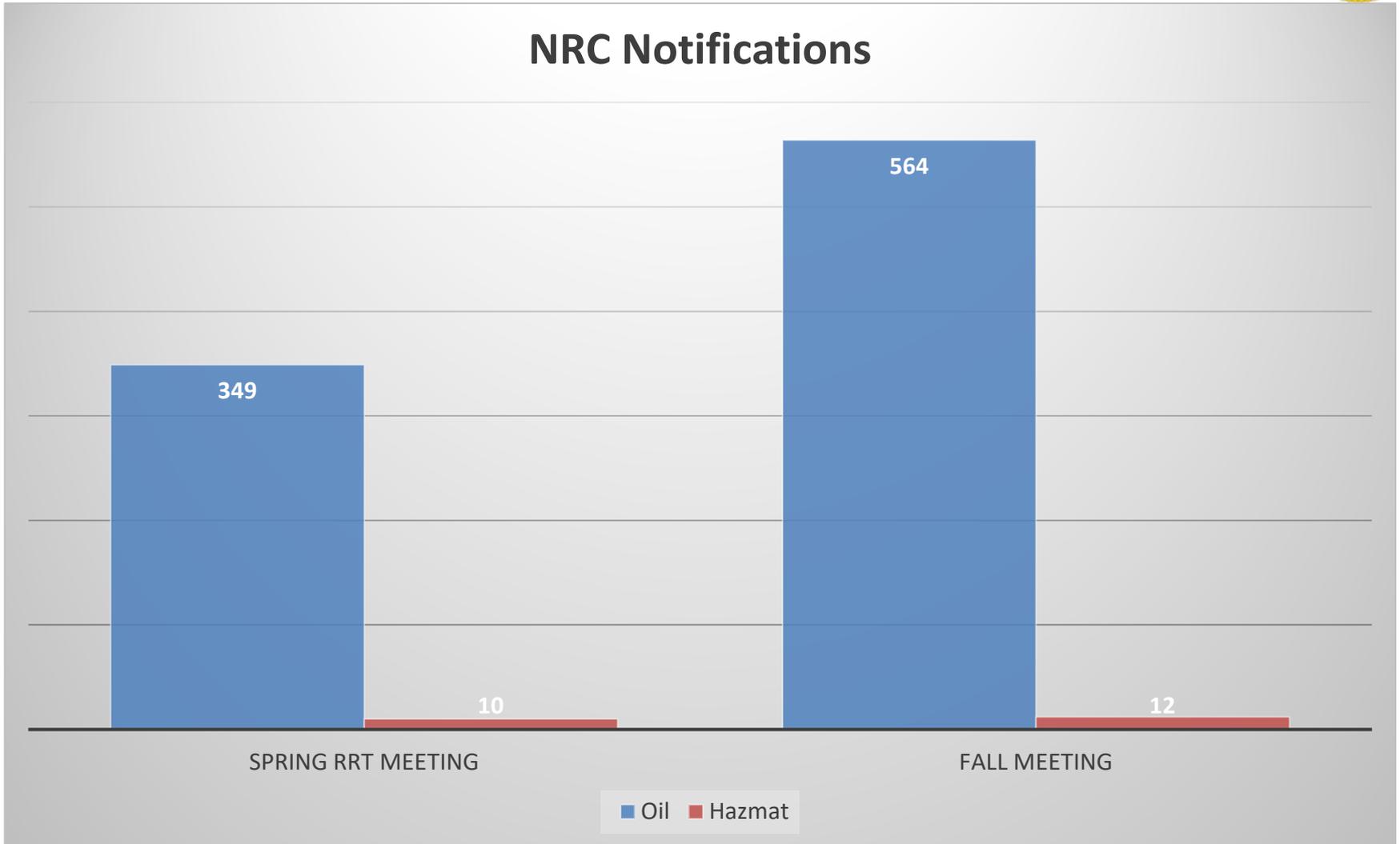
Captain Blake Welborn
MSU Commanding Officer



NRC Notifications	RRT Activations	Federal Projects	CERCLA Projects
576	0 Surface Washing Agents 0 In-situ Burns 0 Dispersants	4	0



NRC Notifications





RRT Activation / Notification

Date:	12 JUN 2018	Activation		Notification	
Incident Name:	Timbalier Bay Spill -- Minor Oil Spill – Coastal Zone				
Issue / Concern:	S2 Energy discharged 6 bbls of crude oil from their plugged well #83 due to pressure building and causing the well plug to come loose. ES&H was contracted and was able to recover approximately 1 bbl with skimming operations. Biggest concern was proximity to East Timbalier Island.				
Agencies Involved:	USCG,DOI, NMFS, NOAA, LOSCO, DEQ				
Decisions Made:	MSU Houma contacted NOAA SSC for trajectory and spill fate. Due to weather conditions and trajectory it was determined that there would not be any impact to East Timbalier Island and the oil that moved offshore was not recoverable.				





RRT Activation / Notification

Date:	13 JUL 2018	Activation		Notification	
Incident Name:	Terrebonne Bay Spill -- Minor Oil Spill – Coastal Zone				
Issue / Concern:	Hilcorp Energy discharged 15 bbls of crude oil at Tank Battery #25 due to leak in a flow line. OMI was contracted and recovered approx. 3 bbls of product with skimming operations. Biggest concern was proximity to barrier islands.				
Agencies Involved:	USCG,DOI, NMFS, NOAA, LOSCO, DEQ				
Decisions Made:	MSU Houma contacted NOAA SSC for trajectory and spill fate. Due to weather conditions and trajectory it was determined that there would not be any impact to the barrier islands.				





Consultations



Incident Name	Start Date	Stop Date	With	Phase	For	Species (Common Name)	Type	Federal Listing Status	Critical Habitat	Total Cost
Timbalier Bay Spill	12 JUN 18	14 JUN 18	NMFS & USFW	Response	Booming & Skimming	Bald Eagle, Colonial Water birds,	ESA	N/A	No	3,600.00
Terrebonne Bay Spill	13 JUL 18	14 JUL 18	NMFS & USFW	Response	Booming & Skimming	N/A	ESA	N/A	No	1,800.00
Total										5,400



Accomplishments



Since last RRT meeting
16-17 May 2018

Training

Description	Dates
Clean Gulf Associates mtg	19 JUL 2018
Spill Response Course	21-24 AUG 2018
ICS-300	18-21 SEP 2018
NOAA SCAT Course	23-25 OCT 2018
ISC-339/400	23-25 OCT 2018

Exercises/Workshops

Description	Dates
Chevron Spill Response exercise	15 MAY 2018
BSEE led GIUE (BP)	26 -27 JUN 2018
LOOP emergency response exercise	14 JUN 2018
GIUE	12 SEP 2018

Federal, state, and local planning and coordination efforts

Description	Dates
GICA Hurricane Planning Meeting	15 MAY 2018
SCLA Area Committee Meeting	12 JUN 2018



Outlook

Until Next RRT meeting
27-28 March 2019



Training

Description	Dates
Spring NOAA SCAT Course	TBD

Exercises/Workshops

Description	Dates
First and Second Qtr. GIUEs	TBD

Federal, state, and local planning and coordination efforts

Description	Dates
2018 Clean Gulf Conference	13-15 Nov 2018
Area Committee Meeting	TBD



MSU Port Arthur



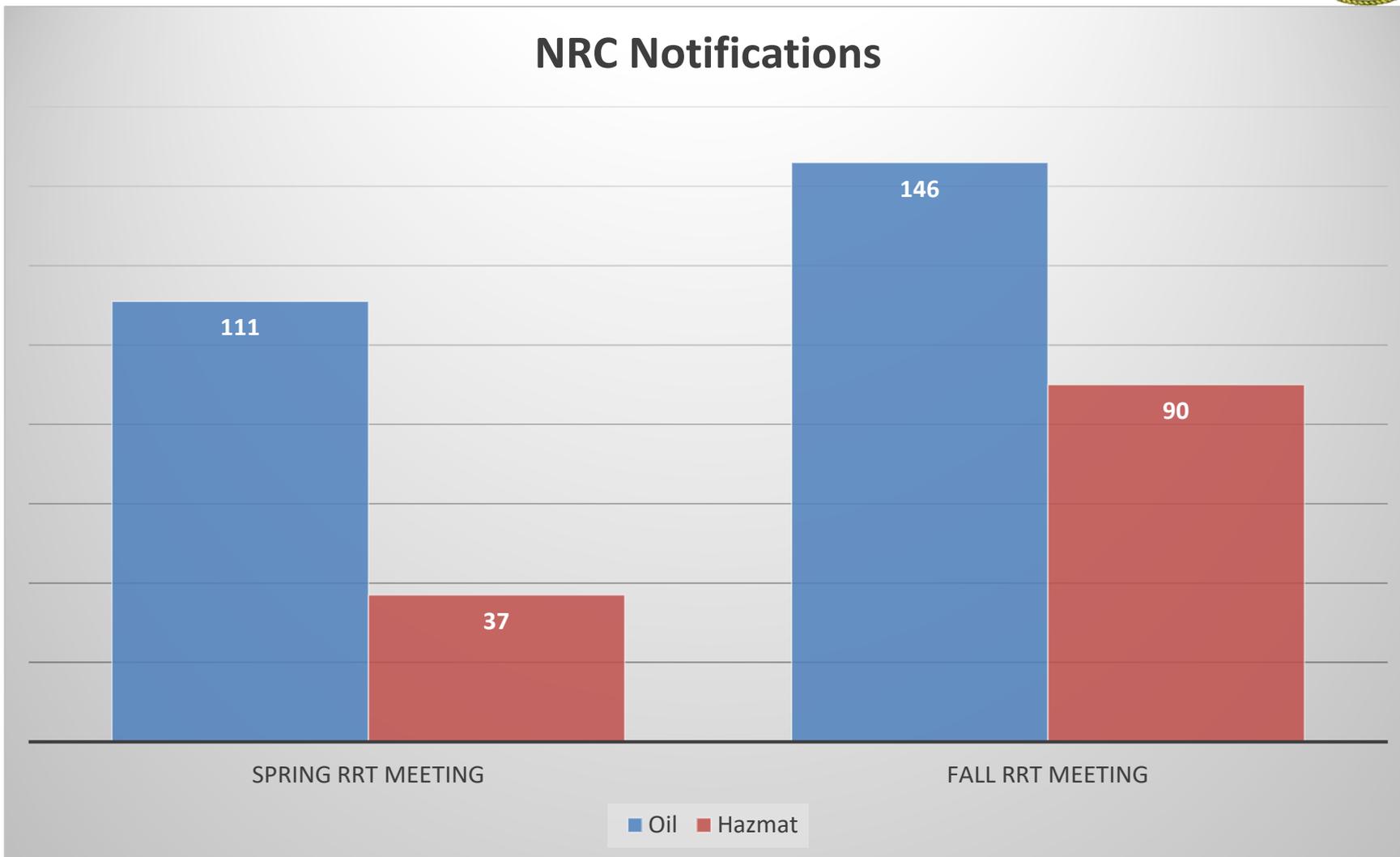
Captain Jacqueline Twomey
MSU Commanding Officer



NRC Notifications	RRT Activations	Federal Projects	CERCLA Projects
236	1 Surface Washing Agents 0 In-situ Burns 0 Dispersants	05	00



NRC Notifications

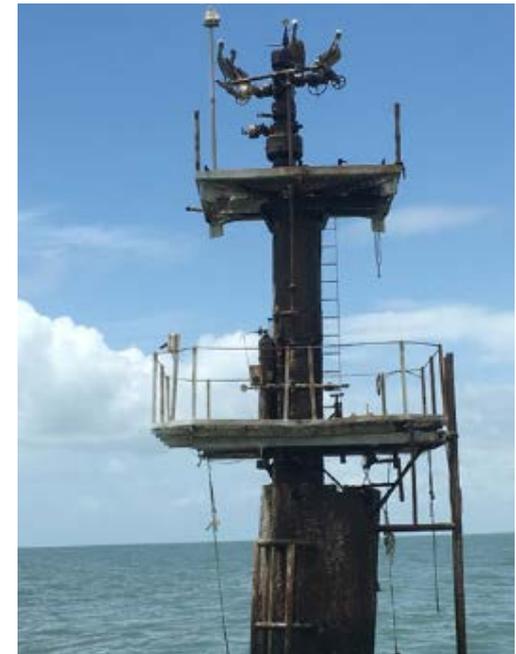
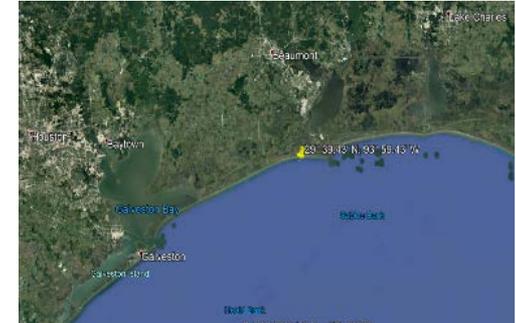




RRT Activation / Notification



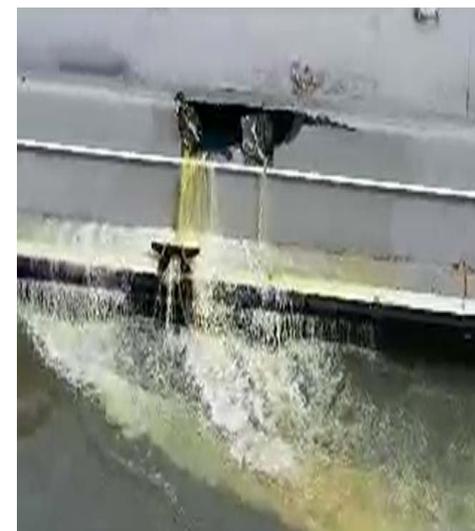
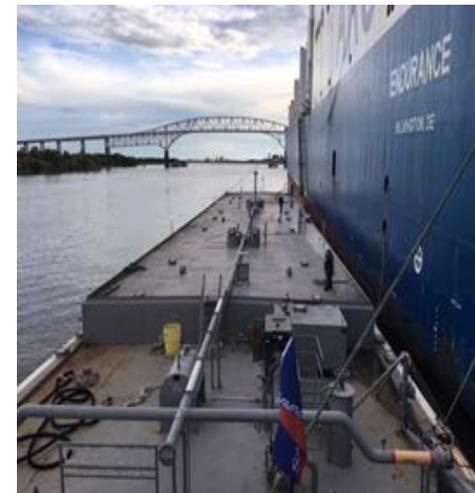
Date:	03 AUG 2018	Activation	X	Notification	
Incident Name:	High Island Block 19 Well				
Issue / Concern:	A shut-in well developed a leak from a corroded needle valve. Over 9 BBLs of oil recovered from well casings.				
Agencies Involved:	USCG, EPA, DOI, DOC/NOAA, TGLO				
Decisions Made:	Once RP secured the source, utilized SWA to decontaminated well thus preventing impact to pelicans perched on well and further impact to waterway.				





TANK BARGE ALLISION

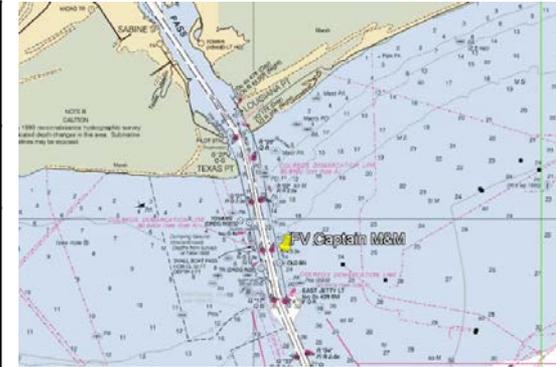
Date:	29 AUG 2018	Activation		Notification	
Incident Name:	CBR 2017				
Issue / Concern:	Allision between tank barge and RORO, discharged ~309 BBLs of diesel				
Agencies Involved:	USCG, DOI, DOC/NOAA, TGLO				
Decisions Made:	Favorable weather and booming operations allowed waterway to remain open following spill. Quick response actions and night time ops significantly limited area impacted by oil, only approx. 2 nautical miles				





SINKING of F/V CAPT M&M

Date:	18 SEP 2018	Activation		Notification	
Incident Name:	F/ V CAPT. M&M				
Issue / Concern:	Vessel sunk east of entrance jetty with up to 155 BBLs of diesel – original report was 48 BBLs; owner had no insurance or financial means to respond.				
Agencies Involved:	USCG, LOSCO, LADEQ, TGLO				
Decisions Made:	Monitored situation through numerous assessments, with initial light sheen and subsequently no sheen. Decision made that vessel was not substantial threat to environment following NOAA analysis with no projected impact to land if all diesel spilled. Left vessel in place and continue to periodically assess for recoverable discharge or change in status.				





M/V CANDY STORE

Date:	15 OCT 2018	Activation		Notification	
Incident Name:	Cameron Vessel Grounding				
Issue / Concern:	Vessel struck the west jetties while transiting outbound. Extensive damage to the hull and starboard day tank was breached. Day tank had initially contained 71 BBLs. Master turned vessel around and headed to Monkey Island where vessel was intentionally grounded.				
Agencies Involved:	USCG, LOSCO, LADEQ, TGLO				
Decisions Made:	Ensure the safety of the persons on board. Actively monitor constant dewatering of vessel. Mitigate pollution threat via booming strategies and removal of oil from the vessel. Engage in active on water recovery of product. Notified SHPO and NOAA to limit impacts on local environment.				





Consultations



Incident Name	Start Date	Stop Date	With	Phase	For	Species (Common Name)	Type	Federal Listing Status	Critical Habitat	Total Cost
NONE										
Total										

None



Accomplishments



Since last RRT meeting
16-17 May 2018

Training

Description	Dates
NOAA Science of Chemical Releases Course	25-27 Jun 2018
Spill Response Course	25-29 Jun 2018
NDOW Training	18 Jul 2018
Spill Response Course	21-24 Aug 2018
HAZWOPER	28 Aug 2018
MSTRU Training	11-12 Sep 2018
ICS 300, 400, & 339	18-21 Aug 2018, 24-27 Aug 2018, 23-24 Oct 2018

Exercises/Workshops

Description	Dates
LEPC Workshop	13 Jun 2018
MSU TXC Hurricane TTX	17 Jul 2018
Huntsman TTX	20 Aug 2018
BSEE GIUEs	22-23 Aug 2018 & 12 Sep 2018
Citgo FSE	9-11 Oct 2018
Dispersant Seminar	11 Oct 2008
Motiva TTX	24 Oct 2018

Federal, state, and local planning and coordination efforts

Description	Dates
GRS Subcommittee Meeting	24 Aug 2018
SETX/SWLA AC Meeting	30 Aug 2018
CTCAC AC Meeting	6 Sep 2018

Description	Dates
Marine Firefighting	26 Jul 2018; 3 Oct 2018
2018 Coastal & Marine Safety & Emergency Resp. Meeting	30 Oct 2018
GRS Exec Committee Meeting	31 Oct 2018



Outlook

Until Next RRT meeting
27-28 March 2019



Training

Description	Dates

Exercises/Workshops

Description	Dates
TAMU Exercise	17-18 Dec 2018

Federal, state, and local planning and coordination efforts

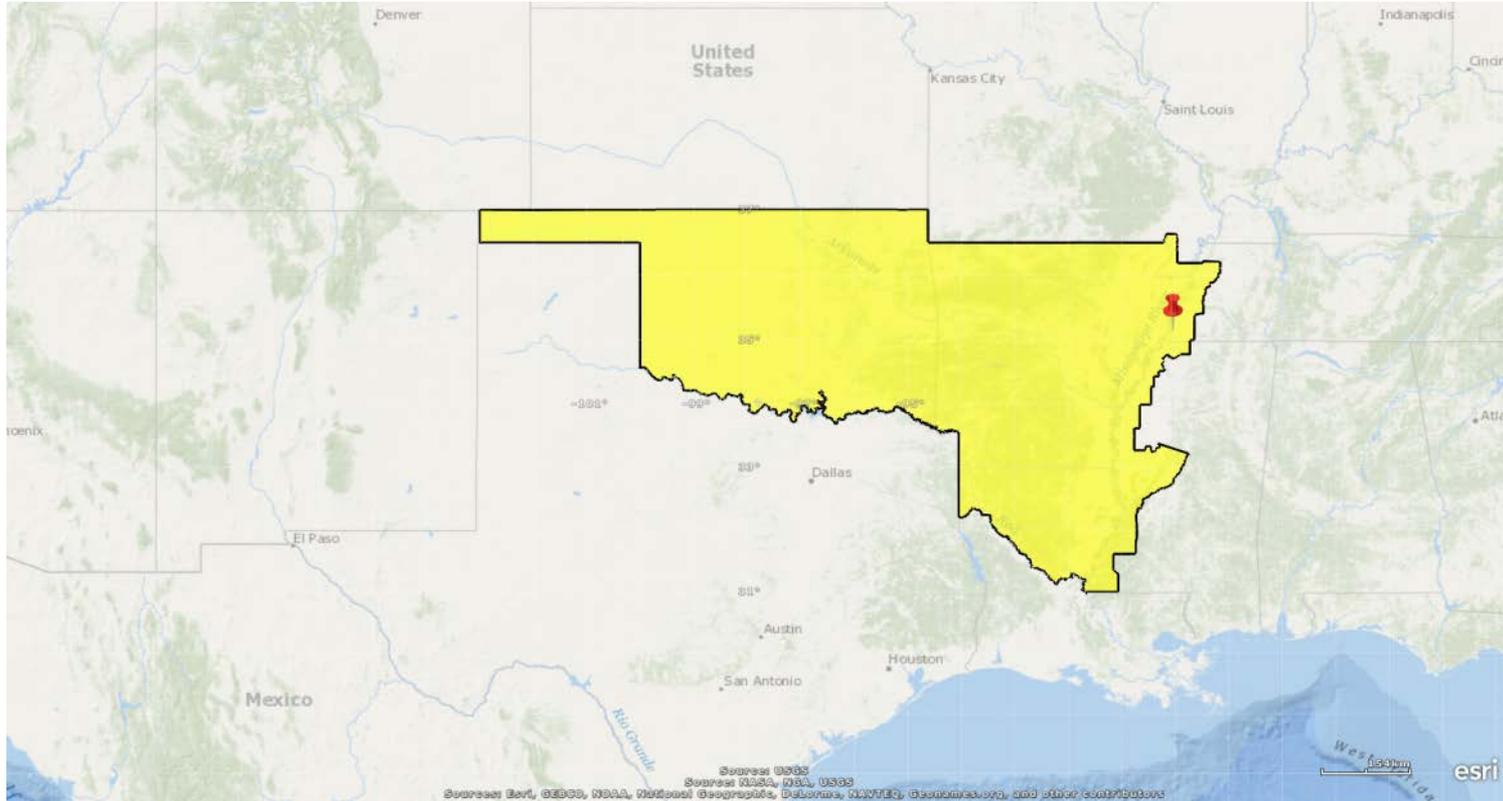
Description	Dates
2018 Clean Gulf Conference	13-15 Nov 2018
2019 Clean Waterways Conference	16-18 Apr 2019
NDOW Meeting	28-29 Nov 2018



Sector Lower Mississippi River



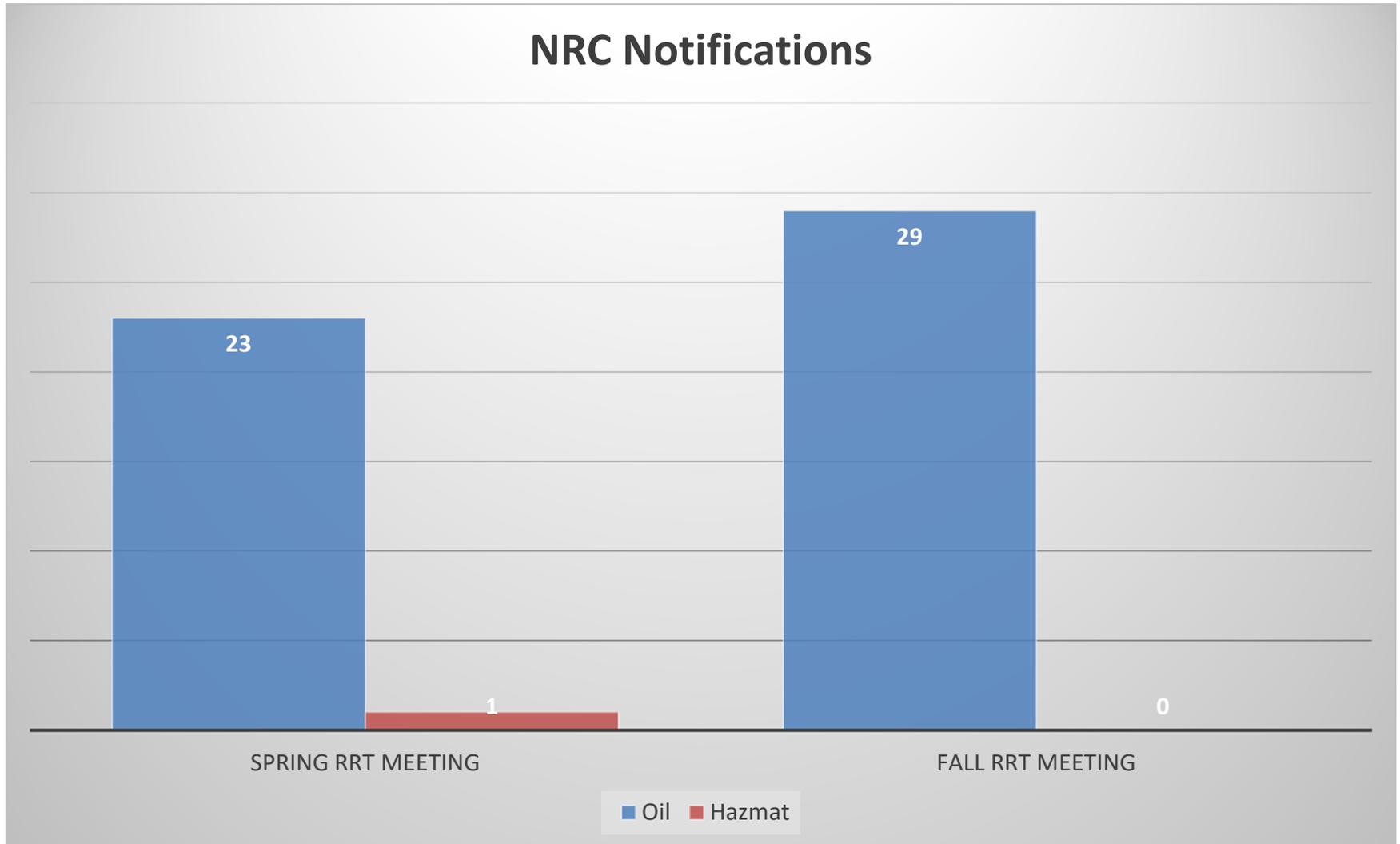
Captain Roxanne Tamez
Sector Commander



NRC Notifications	RRT Activations	Federal Projects	CERCLA Projects
29	00 Surface Washing Agents 00 In-situ Burns 00 Dispersants	00	00



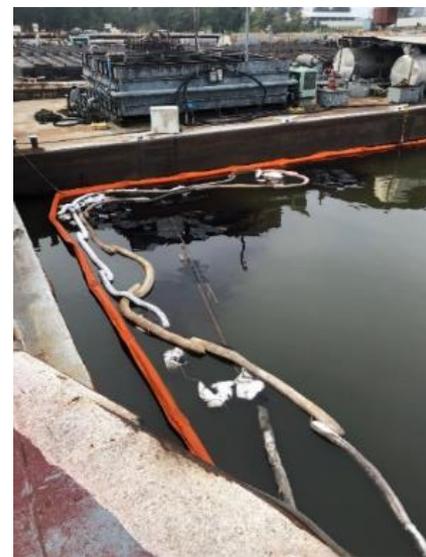
NRC Notifications





M/V ANNE DAVIS

Date:	28 SEP 2018	Activation		Notification	
Incident Name:	M/V ANNE DAVIS				
Issue / Concern:	Vertical fracture 3" x 1/2" on starboard bow, starboard packing gland leaking, and port tail shaft leaking.				
Agencies Involved:	USCG and Mississippi DEQ (on scene) NOAA, DOI, & USFWS				
Decisions Made:	MSD Vicksburg discussed mitigating factors and proposed a Notice of Violation.				





Consultations

Incident Name	Start Date	Stop Date	With	Phase	For	Species (Common Name)	Type	Federal Listing Status	Critical Habitat	Total Cost
M/V ANNE DAVIS	09/29/2018	09/29/2018	USFWS DOI	R	Booming, vacuuming, lifting, dewatering	Multiple	ESA	201	No	200
Total										200



Photo by South Dakota Game Fish and Parks; Sam Stukel

[REIMBURSABLE STANDARD RATES](#)



Accomplishments

Since last RRT meeting
16-17 May 2018



Training

Description	Dates
Pollution Responder Training, New Orleans – MST3	4-9 JUN 2018
FEMA Building Whole Community Awareness through LEPCs	8 JUL 2018
NOAA SSC	24 JUL 2018
FEMA ICP/EOC Interface Workshop	3 AUG 2018
Hazardous Material Incident Response course – MST3	22-26 OCT 2018

Exercises/Workshops

Description	Dates
Isotope Crossroads Exercise	18 JUL 2018
Auxiliary Operational Exercise	17-19 AUG 2018
Exxon Tabletop Exercise	22 AUG 2018
RRT-4 Tabletop Exercise	28-29 AUG 2018
Successful GIUE	29 AUG 2018

Federal, state, and local planning and coordination efforts

Description	Dates
Response Capabilities exchange w/ AR National Guard CST	10 AUG 2018
LEPC Workshop	6 SEP 2018
RRT-7 Meeting	11-13 SEP 2018



Outlook

Until Next RRT meeting
27-28 March 2019



Training

Description	Dates
CBRNE Training	7-8 JAN 2018 & 10-11 JAN 2018

Exercises/Workshops

Description	Dates
AR National Guard CST Tabletop Exercise	25 OCT 2018
GIUE	TBD
Shaken Fury - Master Scenario Events List (MSEL) Meeting	TBD FEB 2019

Federal, state, and local planning and coordination efforts

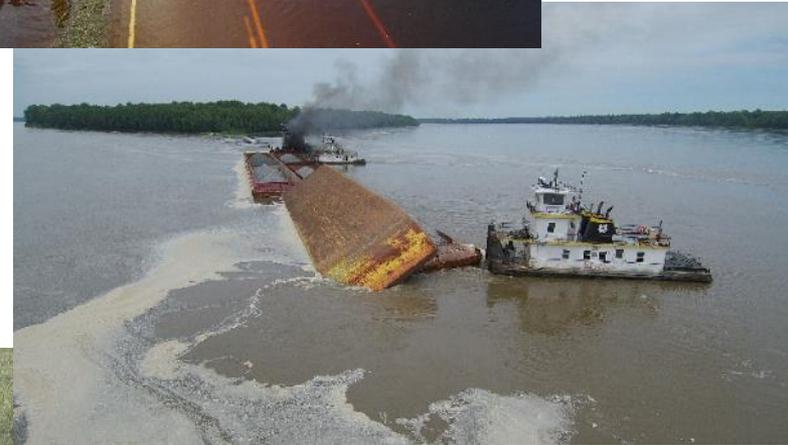
Description	Dates
LEPC Meetings	Monthly
2018 Clean Gulf Conference	13-15 NOV 2018
2019 Clean Waterways Conference	16-18 APR 2019



Unmanned Aircraft Systems (UAS)



- 1 of 8 test units in the Coast Guard.
- Used for infrastructure inspections, **environmental observation**, ice reconnaissance, post-storm survey, **pollution response**, communications support, intelligence, antenna tower inspection, and public relations.
- 3 FAA and CG UAS certified pilots.
- 2 UAS with 3 backup batteries each.
- Batteries last 25 minutes.





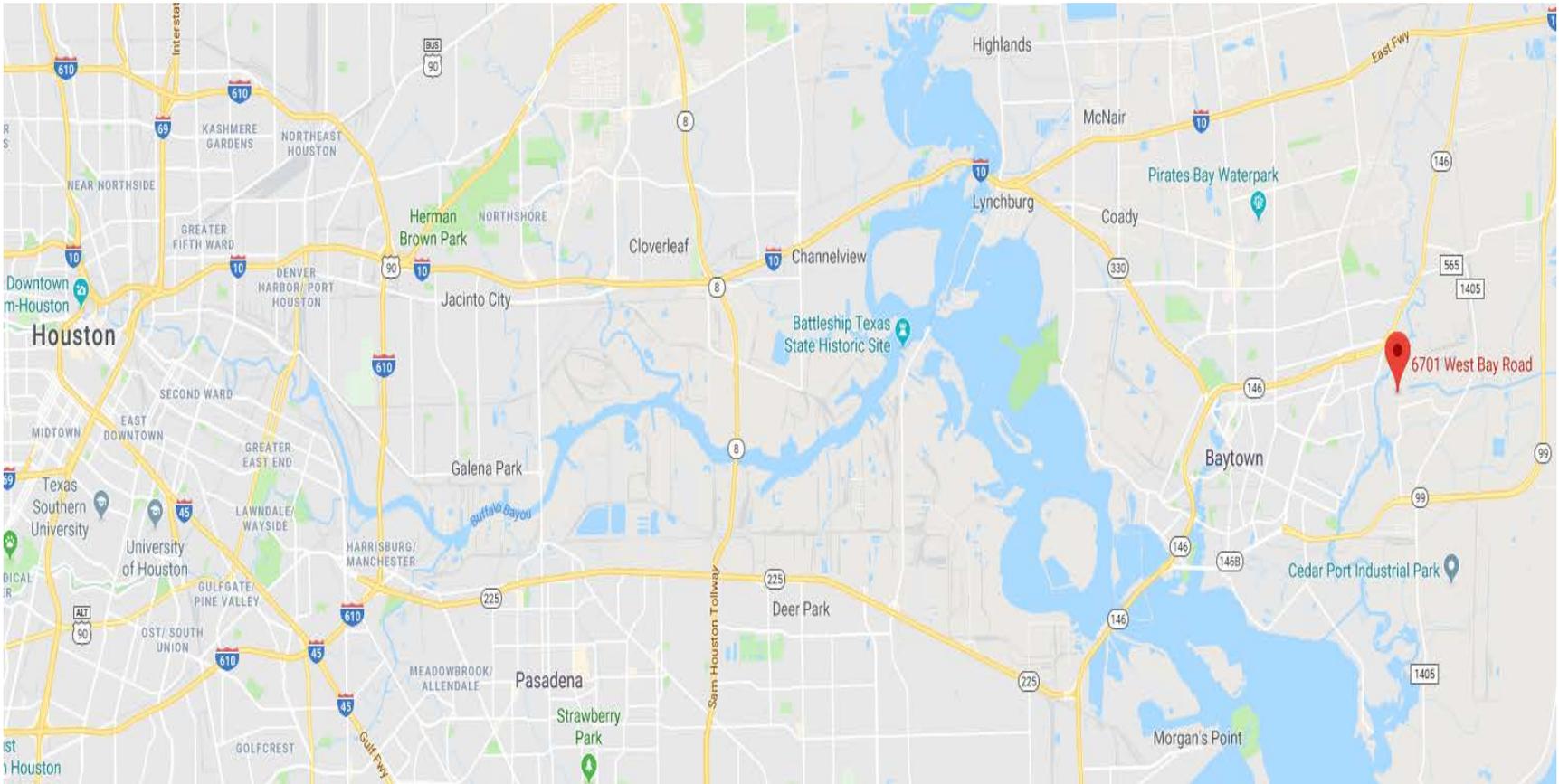
**HP GAS PRODUCTS
BAYTOWN, TX**

CYLINDER REMOVAL UPDATE

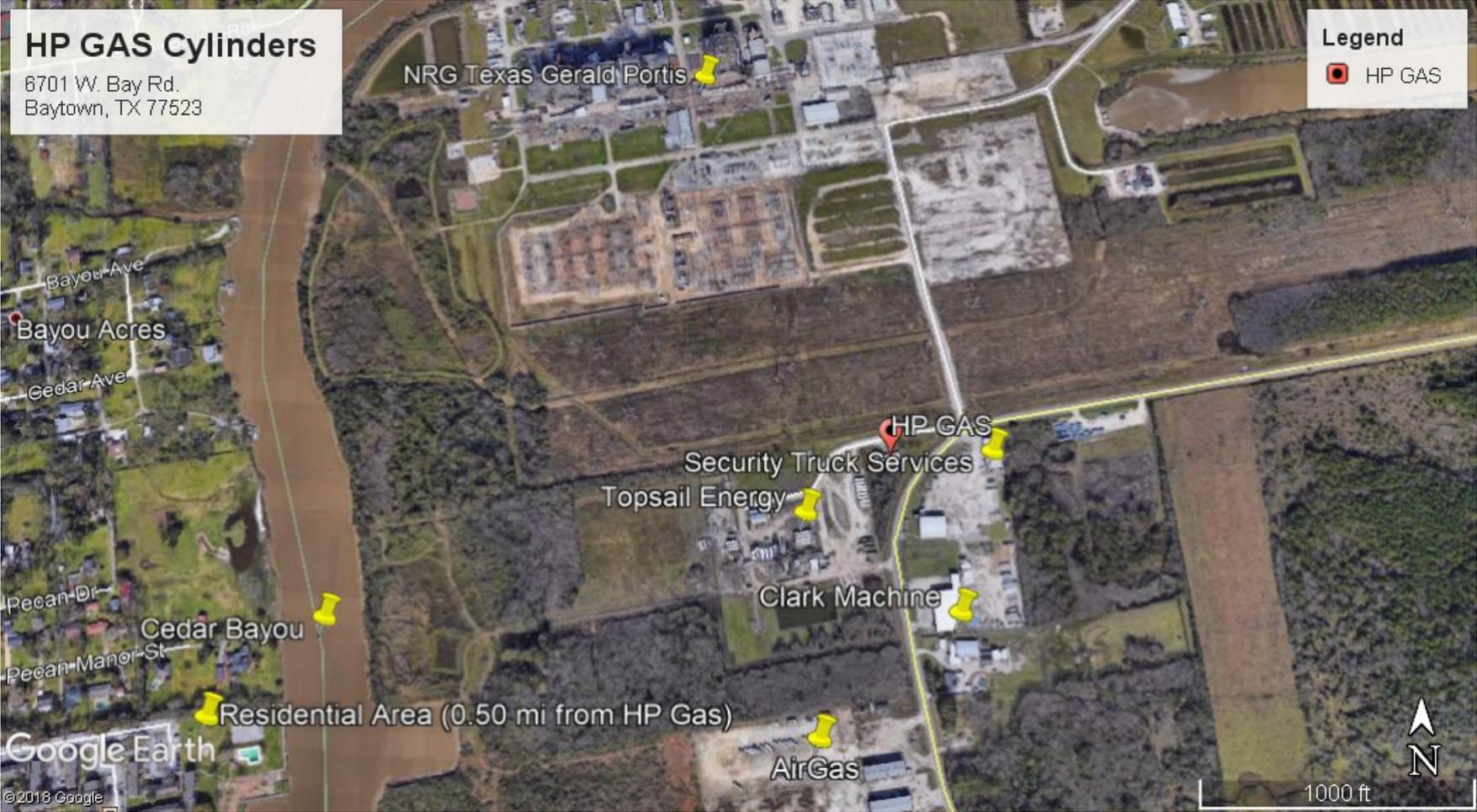
November 9, 2018

Site Location

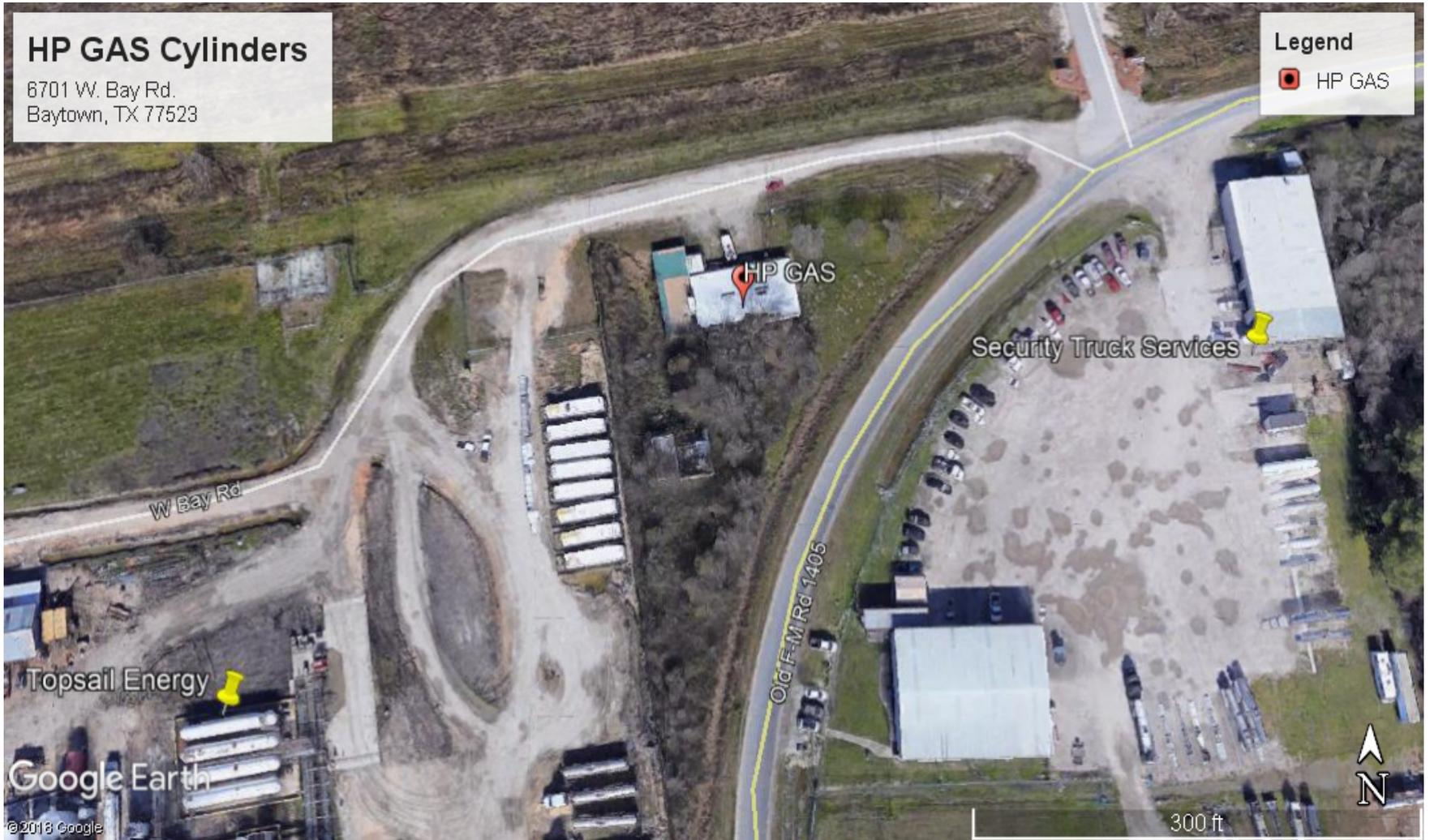
6701 West Bay Road, Baytown, TX



Site Location



Site Location



Brief Chronology of Events

February 20, 2018	NRC notified of releases from facility; TCEQ also notified by NRC
February 21, 2018	EPA OSC Zehner and Chambers County go to site; TCEQ and EPA agree to support county and monitor site activities.
February 23, 2018	Fire Marshal delivered Notice of Violation to facility
April 5-7, 2018	Facility contractor performed on-site inventory and evaluation
April 20, 2018	Based on contractor assessment, Fire Marshal requests assistance from TCEQ; Marshal posts “Do Not Enter” order at site
April 23, 2018	TCEQ contacted EPA to request assistance with the response actions
April 24, 2018	TCEQ delivered Demand Letter to owner, asking for immediate action to address substantial endangerment and remediating impacts
April 27, 2018	TCEQ’s emergency response contractor began daily- fence-line air monitoring
April 30, 2018	TCEQ received response to demand letter from facility; facility indicates does not have money available to address necessary cleanup actions
May 1, 2018	TCEQ /EPA notify FBI and DHS to apprise them of facility and situation
May 3, 2018	TCEQ and TX 6th CST recon teams on-site
June 25, 2018	EPA contractors mobilize on-site to initiate emergency removal action

Environmental Health Concerns

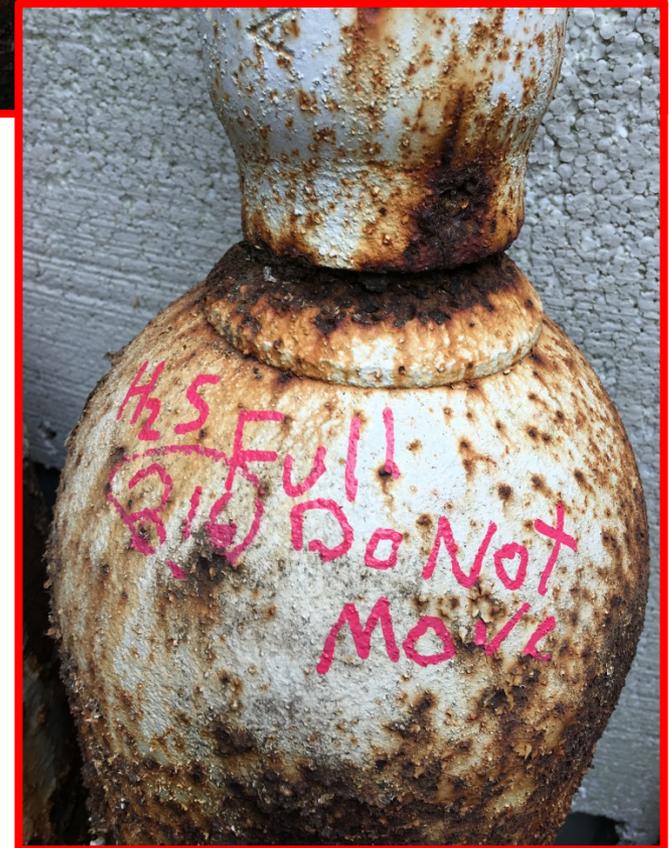
- Multiple cylinders and containers were identified as containing highly toxic poisonous gases such as Hydrogen Sulfide, Hydrogen Fluoride, Nitric Oxide, Nitrogen Dioxide, Phosgene, Methyl Mercaptan, Hydrogen Cyanide, and Cyanogen Chloride

Facility Structures





Example of cylinder conditions on-site



Example of cylinder conditions on-site

Cooperating / Supporting Agencies and Entities

Chambers County Fire Marshal	U.S. Environmental Protection Agency (EPA)
Baytown Fire Department (BFD)	U.S. Occupational Safety and Health Administration (OSHA)
Chambers County Judge	Federal Bureau of Investigation (FBI)
Texas Commission on Environmental Quality (TCEQ)	U.S. Department of Homeland Security (DHS);
Texas Division of Emergency Management (TDEM)	National Response Center (NRC)
Texas National Guard 6th Civil Support Team (6 th CST)	Clean Harbors Environmental (owner contractor)
	SWS Environmental Services (TCEQ contractor)







Current/Future Actions

- EPA contractors processing and disposing cylinders
- As of November 8, 2018, **951/2,600** cylinders and containers have been shipped offsite and/or processed for disposal
- EPA coordinating removal with Texas commission on Environmental Quality (TCEQ)
- Early January is the estimated date of completion for EPA emergency Removal
- TCEQ assessing actions to address remaining cylinders and containers following the completion of EPA's emergency removal

USPS Processing and Distribution Center Mercury Spill

Coppell, TX





- 
- ▶ Early morning of 7 August USPS notifies Coppell FD of spill. FD responds, confirms it is mercury, decontaminates two employees. Tapes off visible spill areas and demobes.
 - ▶ USPS contacts sender and confirms three parcels were mailed from Quitman, TX. Each parcel contained 25 lbs of mercury. Two to Coppell Center and the other one to Miami. Florida parcel was intercepted intact.

One of 4 Main Spill Areas



- EPA arrived at facility and 4 visual spill locations had been identified and taped off.
- RP Contractor began gross recovery but had no air monitoring capabilities.
- EPA began air monitoring and hot zones began expanding due to foot traffic. Facility has approx. 800 employees.
- RP Contractor and EPA met with USPS officials on evening of 7 October and recommended temporary closure of facility until cleanup was complete as well as inspection at Quitman facility.

- Parcels originated from USPS facility in Quitman, TX.
- On 8 August EPA mobilized to Quitman facility for inspection





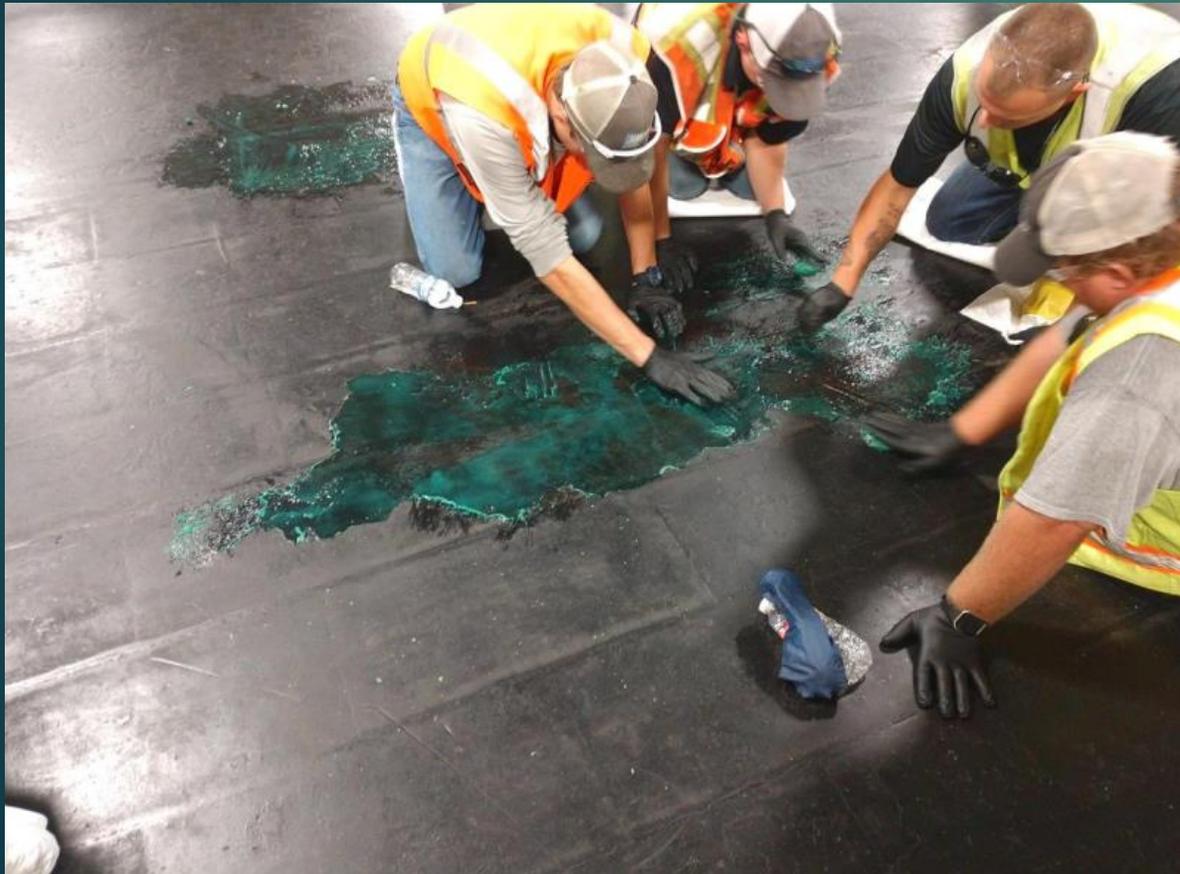
POSTAL PROBLEMS

@FOX4

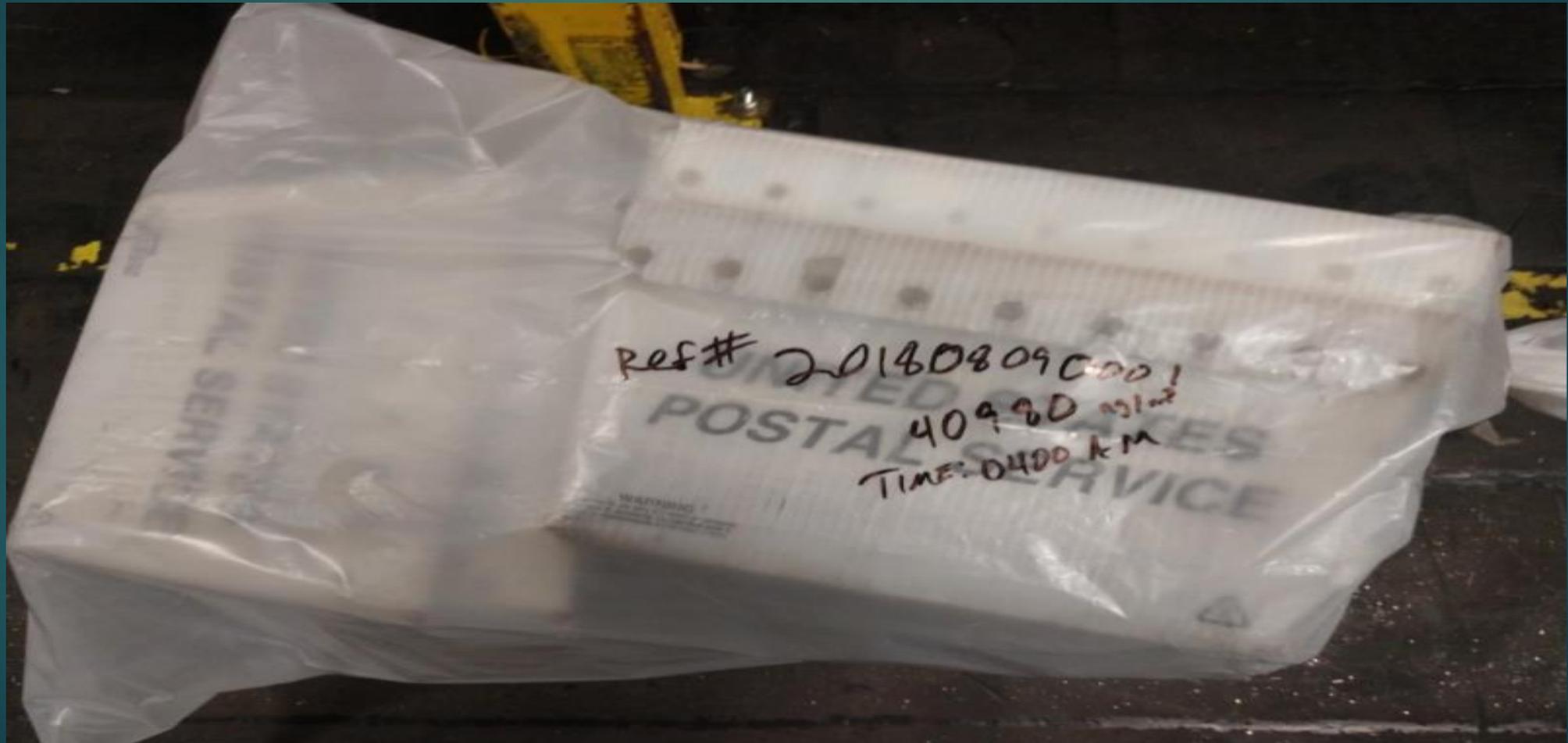
9:11 83°

MERCURY SPILL AT COPPELL POSTAL
FACILITY FORCES NORTH TEXAS MAIL STOPPAGE

- USPS Contracting personnel included approximately 75-100 cleanup Contractors as well as 25-30 technical Contractors (CTEH) for monitoring/sampling



Mail in vicinity of spill areas was bagged,
removed from facility and held until it met
clearance values



Final Monitoring Prior to Sampling



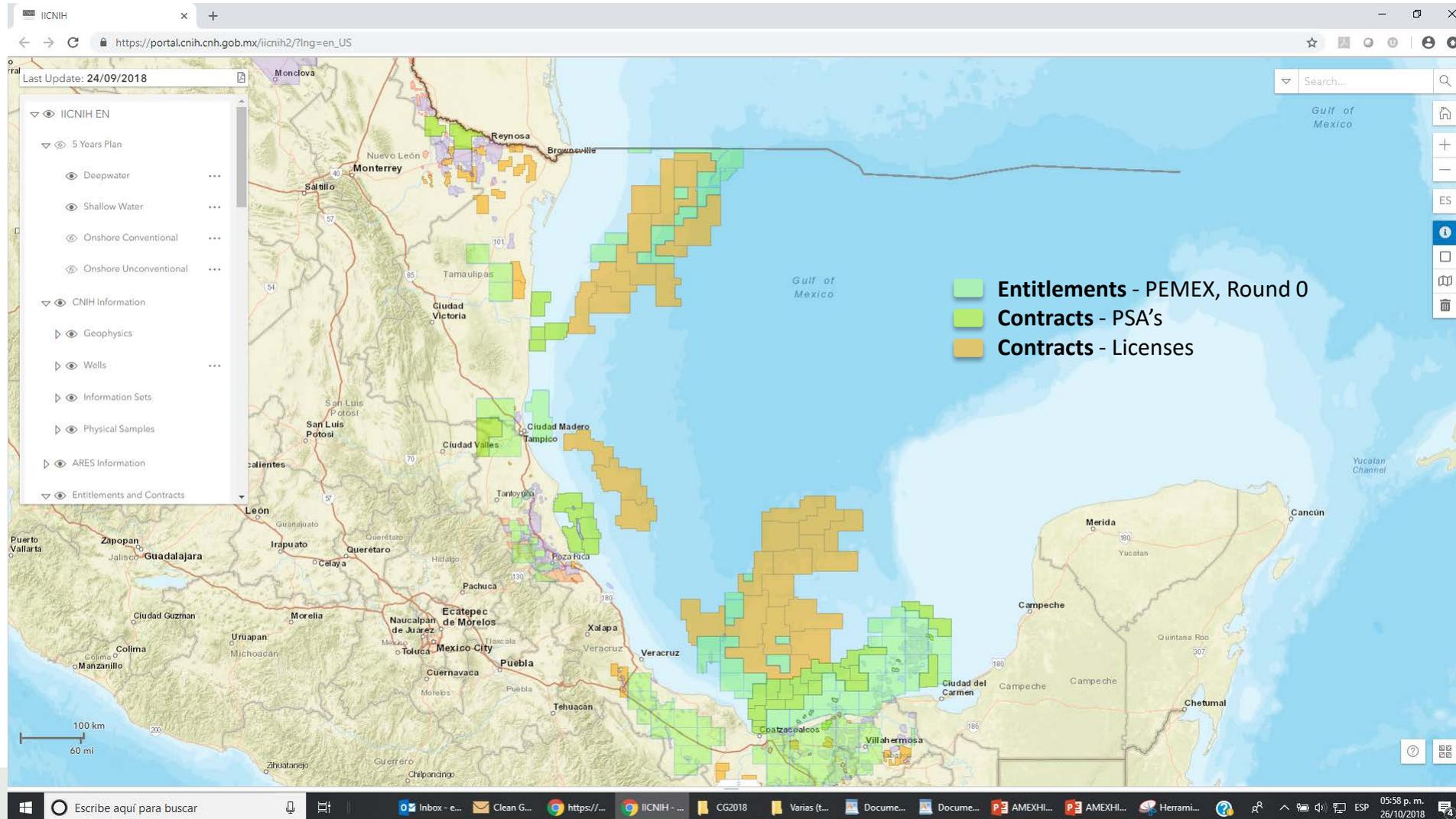
- 
- On 12 August CTEH setup 22 sampling stations throughout the contaminated areas and conducted “8 hour” clearance sampling.
 - The clearance level for this spill was 3000ng/m³.
 - All sample station results were below 500ng/m³. Facility reopened on 13 August.



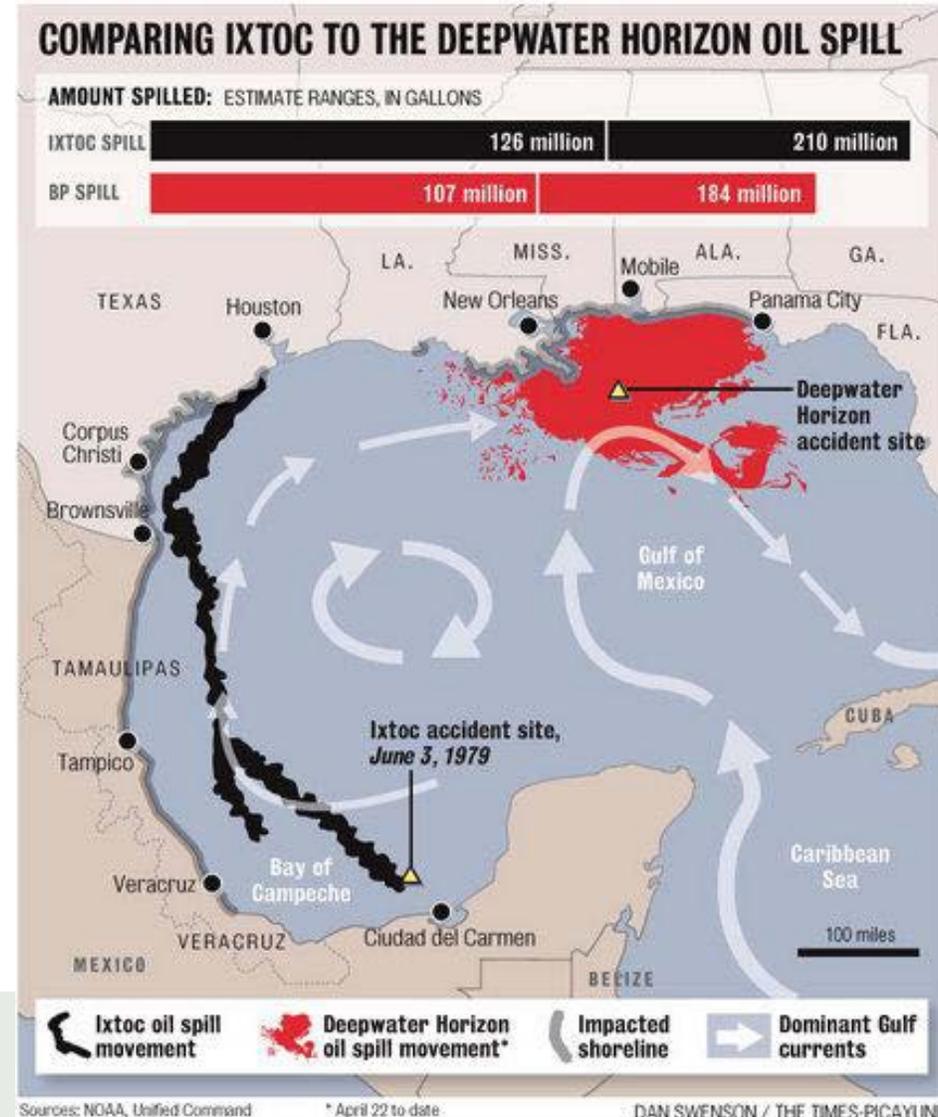
Mexico Offshore Operations Brief

David R. Pertuz
AMEXHI Emergency
Response Task Force
Subcommittee Leader

Mexico Offshore Areas Contracted as of October 2018



A reminder – The Ixtoc Spill



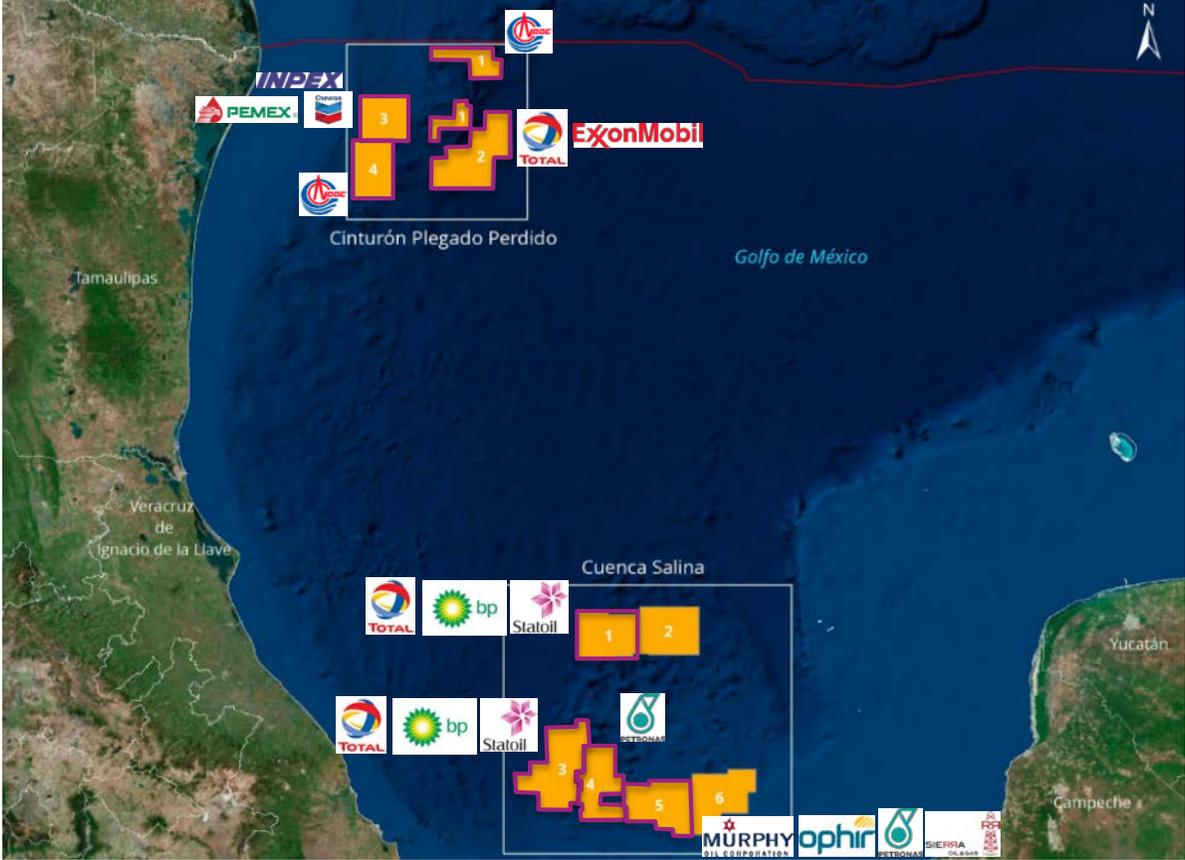
Mexico Offshore Operators (as of Oct 2018)

	Round	Block	Winner(s)	Operator	
SW 1.1	1.1	2	Talos / Sierra O&G / Premier Oil	Talos	
	1.1	7	Talos / Sierra O&G / Premier Oil	Talos	
SW 1.2	1.2	1	ENI	ENI	 
	1.2	2	Hokchi / E&P Hidrocarburos y Servicios	Hokchi	
DW 1.4	1.4	1	CNOOC	Cnooc	 
	1.4	2	Total / ExxonMobil	Total	
	1.4	3	Chevron / INPEX / PEMEX	Chevron	 
	1.4	4	CNOOC	Cnooc	
	1.4	5	Statoil / BP / Total	Statoil	 
	1.4	7	Statoil / BP / Total	Statoil	
	1.4	8	Petronas / Sierra O&G	Petronas	 
	1.4	9	Murphy / Ophir / Petronas / Sierra O&G	Murphy	
SW 2.1	2.1	2	DEA / PEMEX	DEA	 
	2.1	6	Petronas / Ecopetrol	Petronas	
	2.1	7	ENI / Cairn / Citla	ENI	 
	2.1	8	PEMEX / Ecopetrol	PEMEX	
	2.1	9	Cairn / Citla Energy	Cairn	 
	2.1	10	ENI	ENI	
	2.1	11	Repsol / Sierra O&G	Repsol	 
	2.1	12	Lukoil	Lukoil	
	2.1	14	ENI / Citla Energy	ENI	
2.1	15	Total / Shell	Total		

Mexico Offshore Operators (as of Oct 2018)

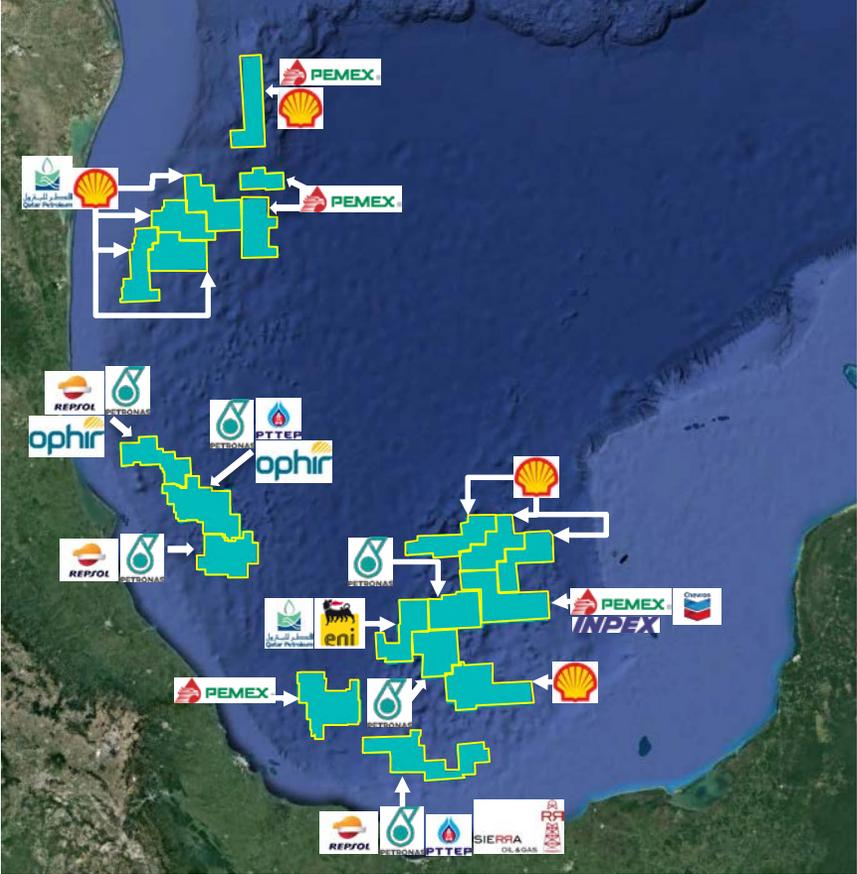
DW 2.4	2.4	2	Shell / PEMEX	Shell	
	2.4	3	Shell / Qatar Petroleum	Shell	
	2.4	4	Shell / Qatar Petroleum	Shell	
	2.4	5	PEMEX	PEMEX	
	2.4	6	Shell / Qatar Petroleum	Shell	
	2.4	7	Shell / Qatar Petroleum	Shell	
	2.4	10	Repsol / Petronas / Ophir	Repsol	
	2.4	12	Petronas / Ophir / PTTEP	Petronas	
	2.4	14	Repsol / Petronas	Repsol	
	2.4	18	PEMEX	PEMEX	
	2.4	20	Shell	Shell	
	2.4	21	Shell	Shell	
	2.4	22	Chevron / INPEX / PEMEX	Chevron	
	2.4	23	Shell	Shell	
	2.4	24	ENI / Qatar Petroleum	ENI	
2.4	25	Petronas	Petronas		
2.4	26	Petronas	Petronas		
2.4	28	Shell	Shell		
2.4	29	PEMEX / Petronas / Sierra O&G / PTTEP	Repsol		
SW 3.1	3.1	5	Repsol	Repsol	
	3.1	11	Premier Oil	Premier Oil	
	3.1	12	Repsol	Repsol	
	3.1	13	Premier Oil	Premier Oil	
	3.1	15	Cairn / Citla Energy	Cairn	
	3.1	16	PEMEX / DEM / Compañía Española de Petróleos	PEMEX	
	3.1	17	PEMEX / DEM / Compañía Española de Petróleos	PEMEX	
	3.1	18	PEMEX / Compañía Española de Petróleos	PEMEX	
	3.1	28	ENI / Lukoil	ENI	
	3.1	29	PEMEX	PEMEX	
	3.1	30	DEA / Premier Oil / SAPURA	DEA	
	3.1	31	Hokchi	Hokchi	
	3.1	32	Total / PEMEX	Total	
	3.1	33	Total / PEMEX	Total	
	3.1	34	Total / BP / Hokchi	Total	
3.1	35	Shell / PEMEX	Shell		

Round 1.4 Deep Water Blocks



Areas asignadas (8/10)

Round 2.4 – Deep Water Blocks



Areas asignadas (19/29)

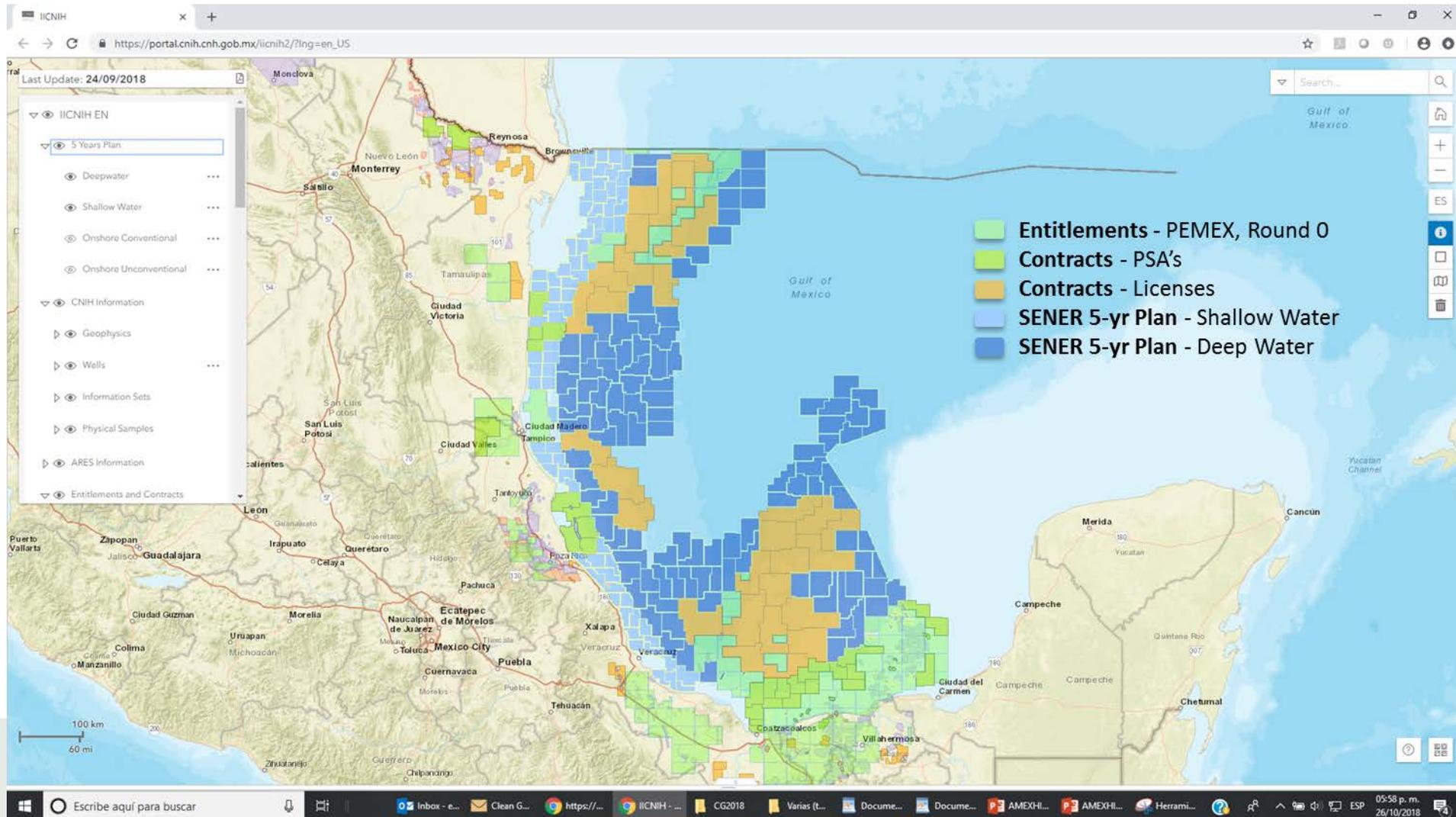
Upcoming Drilling activities Perdido Blocks

- BHP – ~Nov 2019
- CNOCC - ~ May 2019

Cuenca Salinas (Deep Water blocks in South)

- Total - ~Feb 2019
- Murphy Oil - ~ Feb 2019

5 Year Plan



Operators issues/concerns being addressed with Mexican government

ERTF Topics / Priority
1 - Clearer definition of the role of the responsible party
2- Clarification of who is in Charge in a tier 3 response
3- Approval process for the use of dispersants
4- Clarification of the application of the Incident Command System the unified command
5- Approval process for the use of In Situ Burn
6- Environmental Sensitive maps development/ availability
7- Immigration process for personnel and import response equipment from abroad in case of an emergency
8- Clarification of the application of the of SEMARNAT guidelines (for use of dispersants and NEBA methodology)
9- Processes for response to oil wildlife
10- Waste management process
11- Claims management process
12- Industry requirements for drills and training
13- Development of policy to regulate oil spill response providers.

1. Critical/High – Likely to delay, hamper, complicate a response if not sorted.

2. Medium – Likely to reduce the efficiency of a response

3. Follow-on (need to be sorted, but not as urgently)