RRT10 Meeting

September 24, 2025

9:00 am – 4:30 pm

Washington Department of Ecology, Eastern Region Office
4601 N. Monroe St.
Spokane, WA 99205

Sign-in sheets can be viewed here.

Welcome, Opening Comments

The RRT Co-Chairs made opening remarks and welcomed everyone to the meeting. They noted the large turnout and thanked everyone for their joint participation. It was noted that this meeting was the first time the RRT10 meeting was open to the public and that audience members were welcome to sign-up to share comments or feedback to the RRT towards the end of the meeting.

Agency Roundtable Updates

Members of RRT agencies gave an agency update, sharing various topics of mutual interest, successes, challenges, and updates to staffing or procedures.

Columbia River Intertribal Fish Commission (CRITFIC) (Susan Becker)

- CRITFIC hosted a hazardous waste collection event in August.
- CRITFIC is currently scheduling training and drill events. Contact Susan Becker for more information.

Confederated Tribes of Coos, Lower Umpqua and Siuslaw Indians (CTCLUSI) (Sarah Hardisty)

- CTCLUSI conducted a worst-case discharge drill.
- CTCLUSI is also collaborating with Alabama Fire College for training.

Department of Agriculture (USFS) (Karen Bower)

- A department reorganization is planned because of recent staff departures.
- Karen Bower is currently serving as the acting RRT representative.

Department of Defense (DOD/NAVY) (Sarah Benovic)

- Sarah Benovic is currently serving as the acting Navy On-Scene Coordinator (OSC).
- A hiring freeze is currently in effect.

Department of Health and Human Services (DHHS) (Rhonda Kaetzel)

- Regional staff levels have decreased by 75%, leaving only one RRT delegate, and an alternate is currently being sought.
- DHHS provided support for Idaho and Snohomish, WA responses.
- Coordination is ongoing with the Administration for Strategic Preparedness and Response (ASPER).
- The CDC hotline remains active.

Department of Homeland Security (FEMA) (Matthew Caesar)

- Planning is underway for both the World Cup and potential volcano scenarios.

- A Continuity of Operations (COOP) exercise was held on September 23, 2025.
- The Risk Coordinator position is currently vacant.

Department of Interior (DOI) (Allison Hall)

- A hiring freeze is currently in effect, resulting in diminished capacity.

Department of Labor (OSHA) (Mike Potter)

- A hiring freeze is currently in effect, and the department is understaffed.

Department of Transportation (DOT) (Dave Mulligan, Ky Nichols)

- New response thresholds may lead to increased involvement from PHMSA.
- The Final Failure Investigation Report for the December 2023 Olympic Pipeline spill is now available.

Environmental Protection Agency (EPA) (Beth Sheldrake)

- A hiring freeze is currently in effect, resulting in ten vacancies in the emergency response program.
- The federal fiscal year is approaching, and budget reductions are anticipated.
- The regulatory update for the hazardous substances rule has been delayed allowing for more input.

General Services Administration (GSA) (Kandice Petorak)

- There is an upcoming reorganization due to reduced staffing.

Idaho Department of Environmental Quality (IDEQ) (Dean Ehlert)

- There was a recent HAZMAT incident involving a sunken houseboat at Bayview Marina on Lake Pond Oreille.

Idaho Office of Emergency Management (IOEM) (Sarah Cerda)

- The agency received $8.6 million for hazardous materials updates.
- ID Region 5 RRT, which includes Twin Falls, is being added to the regional response team.
- There are changes occurring in host agencies and their capabilities.

Makah Tribe (Jenna Rolf)

- The Makah Tribe held a 24-hour HAZWOPER training in Neah Bay.
- The Makah Tribe assisted in the Indian Creek response.

National Oceanic and Atmospheric Administration (NOAA) (Aaron Maggied, Matt Solum)

- Scientific Support Coordinator (SSC) Aaron Maggied has returned, and Carl Childs is currently serving as the acting SSC for California.
- The team is operating at reduced capacity and is under a hiring freeze; however, the National Weather Service is hiring again.
- Virtual SCAT training is scheduled to take place from February 24 to 26, 2026.
- The National Weather Service forecasts a La Niña pattern, which is expected to bring wetter conditions to the Pacific Northwest.

Oregon Department of Environmental Quality (ODEQ) (Wes Risher)

- The Deschutes Geographic Response Plan (GRP) is currently out for public comment.

- A hiring freeze is currently in effect.
- Planning is underway for a worst-case spill drill.

Oregon State Fire Marshal (OSFM) (Dan Giles)

- OSFM is working with the Department of Public Safety Standards and Training to develop certifications for the hazmat training.

United States Coast Guard District Northwest (formerly District 13) (Brian Meier)

- District 13 has been renamed to Coast Guard District Northwest (CGD-NW).
- An update was provided on recent personnel changes, including the appointment of Commander Stroud as the alternate Co-Chair.
- The new Marine Environmental Response and Preparedness Manual (MERPMan) was published this year.
- Participation in the national contingency planning review panel revealed low industry member participation from our region.
- The CANUSPAC annex update is now available for review.

USCG Sector Columbia River (Tony Migliorini)

- Shared personnel changes, including Tony Migliorini as the new Sector Commander, Commander Ettinger as the new Response Department head, and Mr. Alexander as the new Warrant Officer.

USCG Sector Puget Sound (Mike Rushane)

- The next Sector Puget Sound Area Committee meeting is scheduled for October 15, 2025.
- The Sector reorganized pollution responder qualifications.
- The Sector is focusing on drone use for field response and imagery.

U.S. Army Corps of Engineers (Joe Petersen)

- Present, no update provided.

Washington Department of Ecology (Ecology) (Carlos Clements)

- The division is currently operating under a hiring, spending, and travel freeze, with certain exceptions in place.
- Response work, drills, and critical planning and preparedness work continue to be supported.

Washington Emergency Management Division (Susan Forsythe)

- The division is currently operating under a hiring and travel freeze, resulting in reduced personnel.
- The CERC newsletter reaches over 700 readers and available to distribute articles form the RRT10 and Area Committees.
- The LEPC Tribal Conference and the Hazardous Material Workshop are anticipated to be held in person or virtually if funding is unavailable.

The following agencies were not in attendance:

- Department of Energy
- Department of State
- Department of Justice

- Nuclear Regulatory Commission
- Yakama Nation

Subcommittee Report Outs

Region-Wide Planning Committee (RWPC)

- The mission of the RWPC is to ensure coordination and consistency across the region and plans.
- The RWPC has reviewed all sections of the NWACP to determine appropriate placement of content in the RCP or ACPs and is finalizing approvals for the RCP content.

GRP Subcommittee

- Subcommittee priorities are enhancing inland planning, continuing to collaborate with the Tribal Engagement Subcommittee, and working through policy gaps for GRPs in the region.
- The subcommittee is seeking feedback on the new web tool until October 31st, which is available at the following link: OR GRP Viewer.

Tribal Engagement Subcommittee

- The subcommittee welcomed Allison Hall of DOI as the new Co-chair.
- The subcommittee is continuing engagement efforts through coffee hours, drill surveys, and ongoing collaboration with the GRP Subcommittee.

Southern Resident Killer Whale Task Force

- Frankie Robinson with San Juan County Washington is the primary contact for this initiative.
- This year, Oregon designated the Southern Resident Killer Whale (SRKW) as a protected species, which now requires consideration in Oregon GRPs and state regulations.
- The use of fire hoses as a deterrence method will be approved as a best practice and will be included in the official approval letter; updates will also be required in the BMP and wildlife sections of the plans.

Area Committee Report Outs

Sector Columbia River

- The next Area Committee meeting is scheduled for November 17th.
- ACP restructuring is in progress and on track for scheduled completion in 2026.

Sector Puget Sound

- The next Area Committee meeting is scheduled for October 15th.
- ACP restructuring is in progress and on track for scheduled completion in 2026.

Northwest Inland

- The next Area Committee meeting is scheduled for April 2026.
- ACP writing will begin soon with projected completion in 2026.

RRT Activation Exercise

- A flowchart was developed to distinguish between informational updates and activations.
- Exercise in June 2025 had a 50% response rate.

- The goal is to hold three exercises per year, one of each of the following:
  - Test notification list
  - Test informational update
  - Test activation
- USCG proposed forming an RRT10 Exercise Subcommittee, which will be discussed further at the Joint Area Committees Meeting in December.
- Recommendation that a future drill focus on transboundary coordination (e.g., a drill on the outer coast near Puget Sound/Columbia River boundary).
- Challenges Identified:
  - Need better feedback mechanisms from drills and responses to inform GRP design.
  - Difficulty identifying which GRP response strategies should be tested.

RRT Member Spotlight: FEMA

- The primary goal during incidents is to transition from response to recovery as quickly and effectively as possible. FEMA facilitates work but does not engage in field work.
- Coordination occurs at the Unified Command (UC) level, including collaboration with the Joint Field Office (JFO).
- During an RRT activation, FEMA would be responsible for disseminating risk assessments and providing material and resources to support response and recovery operations.

Tools and Resources Page Demonstration

- The Tools and Resources page was developed to make response-related resources more accessible and practical for users in the field.
- Input is being solicited on:
  - What resources should be included
  - How they should be organized
- To share feedback, email nwplanning@westonsolutions.com or submit a public comment online.

NOAA

- The current suite of plans does not include fixed SCAT endpoints, as these are determined by UC and are incident-specific. However, NOAA has developed guidance with recommended endpoints to be used as starting points for UC decisions, which will be incorporated as suggestions in the next plan update.
- The Disaster Preparedness Program (DPP) offers partners streamlined access to NOAA resources, including planning tools, personnel expertise, training opportunities, exercises, and more. For support or access, please contact your Regional Preparedness Coordinator.

Open Comment

- Pocket Guidance for the Idaho State Hazmat Plan is currently in development and will be available in the near future. For more information or updates, please contact Sarah Cerda.

Closing Remarks

- The Joint Area Committees Meeting will be held virtually on December 4, 2025.
- The next RRT10 meeting is scheduled for March 2026 in Astoria, Oregon.

Action Items

Responsible Party	Action
RWPC	Add SRKW tactics update to the list of necessary plan revisions.

These action items have been added to the appropriate tracking documents maintained by the Region-Wide Planning Committee.

Upcoming Meeting Dates

December 4, 2025: Joint Area Committees Meeting (Virtual)

December 4, 2025: Area and Regional Leadership Meeting (Seattle, WA)

March 2026: RRT10 Meeting. Exact date to be confirmed.

Regional Response Team 10 Meeting

REGIONAL RESPONSE TEAM 10
NORTHWEST AREA COMMITTEES

September 24, 2025

MEETING PURPOSE AND “RULES”

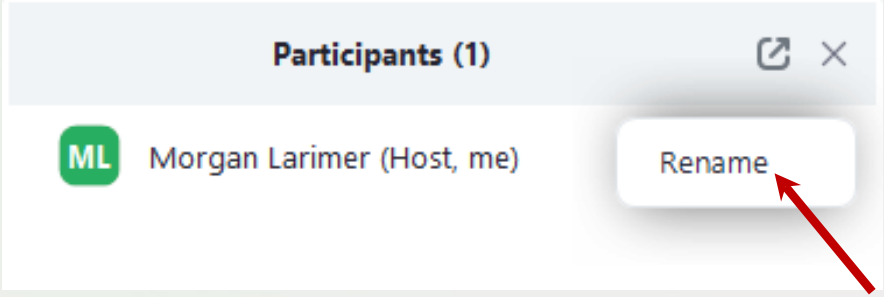
- This is a business meeting of the **RRT**
- Items discussed that are the responsibility or content of the Area Committees will be **referred to appropriate Area Committee** and not included in the meeting discussion, except for how the RRT can provide support, if requested/needed
- As time allows, questions may be taken outside of agenda topics. Please type questions in the Chat box

MEETING SIGN-IN

https://lp.constantcontactpages.com/sl/Q5XZDsV

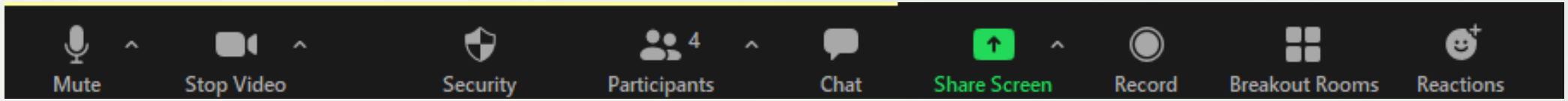
TIPS: USING ZOOM

- Change your name to <u>FULL NAME</u> and <u>AGENCY</u>



- Please mute your mic & turn off video, except when speaking

ZOOM TIPS: RAISE HAND AND CHAT



RRT Members & Representatives, raise your hand to speak or enter question/comment in chat.

Chat

Find “Raise Hand” Under Reactions

Please use “Everyone” Chat when asking or responding to questions or making general comments/requests during this meeting.

MORNING AGENDA

9:00	WELCOME & INTRODUCTIONS
9:20	RRT MEMBER/AGENCY ROLL CALL & UPDATE
	10:30-10:45 BREAK
10:45	SUBCOMMITTEE REPORT OUTS
11:15	AREA COMMITTEE REPORT OUTS
11:45	LUNCH (UNTIL 1:15)

WELCOME & INTRODUCTIONS

- Join us in welcoming the Cowlitz Indian Tribe

MEMBER/AGENCY ROLL CALL

RRT Coordinators will facilitate RRT member/agency roll call. When called, please provide a brief update.

- CGD-NW
- EPA R10
- Makah Tribe
- Cowlitz
- CTCLUSI
- Yakama Nation
- WA Ecology
- ODEQ
- IOEM/IDEQ
- Dept of Defense
- Dept of Energy
- Dept of State
- Dept of Justice
- Dept of Health and Human Services
- Dept of Labor/OSHA
- Dept of Commerce/NOAA
- Dept of Interior
- Dept of Transportation
- Dept of Agriculture
- FEMA
- US Nuclear Regulatory Commission
- General Services Administration

For other attendees, please sign in online using the QR code.

BREAK

Please don’t forget to SIGN IN

Region Wide Planning Committee Report Out

Agenda

- Review RWPC Purpose and Membership
- Review 2026 Meeting Schedule
- RCP Restructure Project
- Progress Update: ACPs
  - Formation of Inland Area Committee
  - Puget Sound ACP architecture
  - Columbia River ACP architecture

Region Wide Planning Committee Purpose

- Ensure coordination of planning across area and regional levels.
- Ensure consistency between plans and promote awareness of projects, upcoming meetings, and working groups at every planning level.
- Hold Monthly RWPC Meetings
- Review ACP changes to ensure consistency among ACPs.
- Outreach: announcement emails
- Recommending and coordinating website updates
- Determine RCP structure
- Create Regional Response Team agendas for RRT10 Co-Chairs

Overall: Interagency coordination of planning efforts

Region Wide Planning Committee Members

RRT10 Coordinators

- **EPA:** Matt Magorrian
- **USCG Northwest District**: Chelsey Stroud

Planners

- WA ECY
- IOEM
- IDEQ
- OR DEQ
- Makah
- CTCLUSI
- Cowlitz
- Sector Puget Sound AC
- Sector Columbia River AC
- NW Inland AC

2026 Meeting Schedule

Month	Meeting	Location
Monthly	Region-Wide Planning Committee	Virtual
March	Sector Columbia River Area Committee Meeting* Area and Regional Leadership Meeting* RRT10 Meeting*	Astoria, OR
April	Northwest Inland Area Committee Meeting	TBD
May	Sector Puget Sound Area Committee Meeting	TBD
September	Northwest Inland Area Committee Meeting* Area and Regional Leadership Meeting* RRT10 Meeting*	Boise, ID
October	Sector Columbia River Area Committee Meeting	TBD
November	Sector Puget Sound Area Committee Meeting	TBD
December	Joint Area Committees Meeting	TBD

Notes:
- * implies co-located meeting
- Additional Area Committee Meetings and RRT meetings may be held as desired
- Additional information can be found at:

www.rrt10nwac.com

Regional Contingency Plan

- Planner Centric
- Region-wide policy issues
- Updates: RWPC

Area Contingency Plan

- Responder Centric
- Area resources and procedures
- Updates: Area Committee

RCP Restructure Project

- RWPC worked through all sections of the NWACP.
- During these working sessions, we decided at what planning level the information is most appropriately captured. Sometimes it is area and regional, sometimes area only or regional only.
- The purpose is to add efficiency and consistency to the plans while ensuring response planning information is captured at the appropriate level (i.e. FOSC's direction or RRT's direction).
- The RWPC is now working on signing off on RCP content.

Progress Update: ACPs

- NW Inland, Sector Puget Sound (SPS), and Sector Columbia River (SCR) ACs are members to the RWPC. Their updates go hand in hand with the updates to the Regional Contingency Plan.
- USCG Headquarters set a deadline for implementation of the Coastal ACP architecture by October 1, 2026. ACPs are making continuous progress towards this goal.
- In all areas of planning, we are focusing on progress over perfection.
- Current focus is on meeting the demands of the framework. The intention is to turn towards content updates after the new framework requirements have been met.

Questions?

GRP Subcommittee Update September 2025

- Darcy Bird & Don Pettit (Co-Chairs)
- Nora Haider

2024 GRP Workplan

Improve Inland GRP Planning

- Outstanding item: 1 to 2 pager describing tools available to planners for inland river modeling (Darcy coordinating with ODEQ)

Continue collaborating with the Tribal Engagement Subcommittee

Work through policy gaps for GRPs in the Pacific Northwest

- Competed & waiting for area/regional plan restructuring to suggest edits to GRP policy in the PNW

January Subcommittee Meeting- Policy Review & Informational

- **2025 Goal:** Information Sharing
- Into to GRPs in WA and OR
- Priority Table Overview
- Washington GRP "Advisory Committee" – working with contractors & other data users to develop new database structure
- May meeting cancelled
- Next Meeting: September 25th

TRIBAL ENGAGEMENT SUBCOMMITTEE

SOUTHERN RESIDENT KILLER WHALE TASK FORCE

SRKW Deterrence Task Force Updates

Hanna Miller, NMFS

Fall RRT10

September 24, 2025

Task Force Background

- SRKW are small population of endangered killer whales
- Increased focus on SRKW deterrence following the F/V Aleutian Isle incident in summer 2022
- Deterrence efforts during F/V Aleutian Isle followed the SRKW Hazing Implementation Plan, but relied on volunteers from the research community

SRKW Deterrence Task Force Goals

Response planning: Identify updates to resource lists, response processes, and asset locations

Deterrence methods: review current methods and identify deterrence moving into the future.

SRKW Deterrence Task Force Workshop

- Two Day Workshop in December 2023
- Produced 35 recommendations related to response assets, training and drills, response structure, deterrence methods, and research needs and funding
- Recommendations were ranked by workshop participants

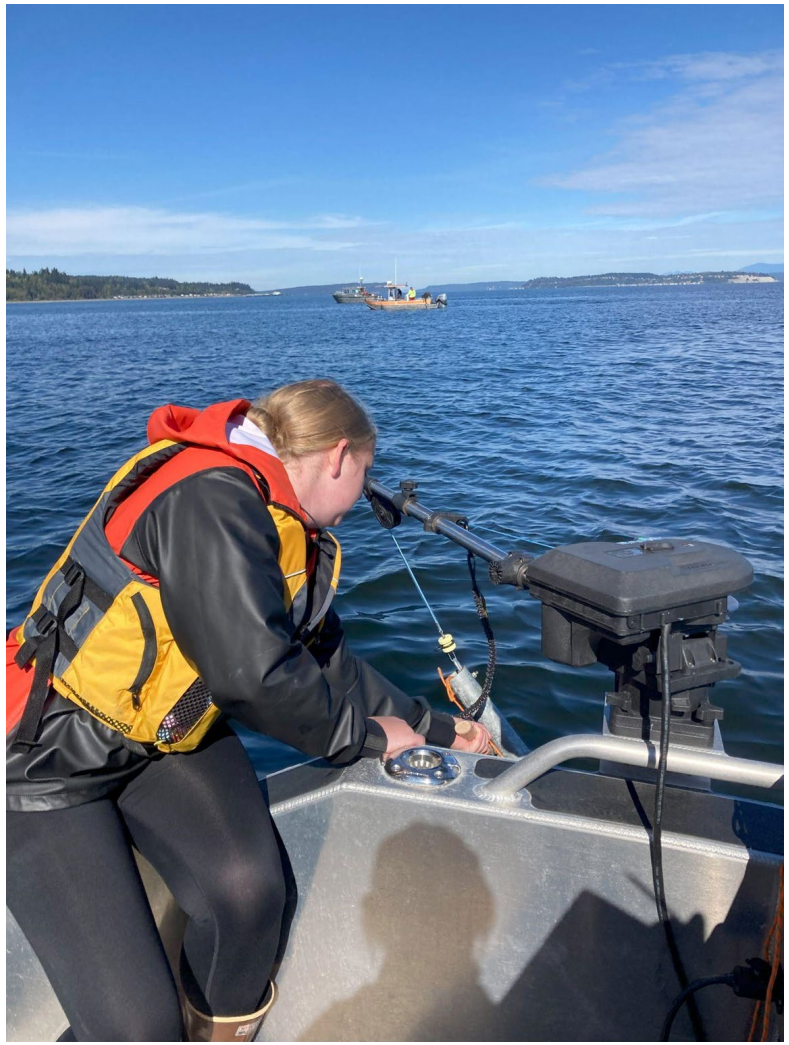
Top 5 Recommendations

1. Create and train dedicated primary responders to be able to deploy during a spill response event.
2. Research efficacy and usability of alternative deterrence methods – e.g., Hukilau surface deterrence, Acoustic Harassment Devices, Genus-wave device, Lubell speakers and playbacks.
3. Identify potential primary responder teams in advance, including a list of whale experts in the region that can be approved by NOAA to lead deterrence operations.
4. Identify sustainable funding opportunities to ensure regular training and drills for primary response teams.
5. Identify opportunities to have USCG fill geographical gaps in the short-term during an incident response.

1. Train Dedicated Responders

WDFW NFWF Grant

- Two trainings near Everett and (soon) two trainings at Friday Harbor
- SRKW Deterrence Webinar, including information on ESA coverage, ICS, equipment locations, and deterrence practices



2. Research Tools

SMRU Consulting
understand • assess • mitigate

- WDFW NFWF Grant
  - Work with SMRU Consulting testing oikomi pipe designs and underwater speakers
- Knowledge sharing between NOAA AKRO, NOAA HQ, and NOAA WCRO on hukilau

NOAA FISHERIES

3. Identify Strike Team Leaders

- Discussions with NOAA HQ with verbal approval of a short list of Strike Team Leaders
- Testing of new Strike Team leader at WDFW August 2025 deterrence training

4. Identify Funding sources for deterrence

- WDFW led SRKW Deterrence Roundtable series
  - Conversations between agencies and response community most likely to be involved in a spill response
- WA Ecology SRKW Deterrence Best Achievable Protection Workgroup
  - Conversations between agencies, response community, and nonprofits

5. USCG Involvement in SRKW Deterrence

Trainings

- Orca Conservancy Bellingham Station trainings

Approvals

- NOAA HQ approved adding fire hoses to list of activities USCG can conduct once BMPs are developed

Coordination

- Continued coordination between USCG and other agencies on all aspects of SRKW deterrence.
- Conversations with USCG Cetacean Desk

Other Notable Progress

- Inclusion of killer whale deterrence and whale monitoring in drills
- Updated resources on Spills 101 website
- NOAA bought oikomi pipes for Sand Point

Questions?
NOAA

Area Committee Reports

Sector Puget Sound Area Committee

Report to NW Regional Response Team
September 24, 2025

ENS Stephen Cripps

Area Committee Update

AC meeting scheduled

- October 15, 2025

Discussion points

- Post-SAR disposition of abandoned or derelict vessels
- T/V LUTHER and Barge LaFarge

Area Contingency Plan Update

September 2025

- **Plan Updates:**
  - On track for October 2026 deadline
  - First line-item review complete (Sections 1000-7000 have been reviewed; actively working on open action tasks)
  - Coastal ACP Handbook released
  - Ensuring alignment with SCR ACP WG, RCP WG, and ACP guidance.
  - Looking ahead: Development of Annexes

M/V CAIRDEAS

27 AUG
M/V CAIRDEAS reported derelict

27 AUG
Drone overflight and investigation

07 SEP
M/V CAIRDEAS sinks in Sinclair Inlet

08 SEP
Initial Recovery
Salvage plan rejected

09 SEP
Activated GRS
Admin Order

10 SEP
USCG assumes recovery/cleanup
Sealed discharge points

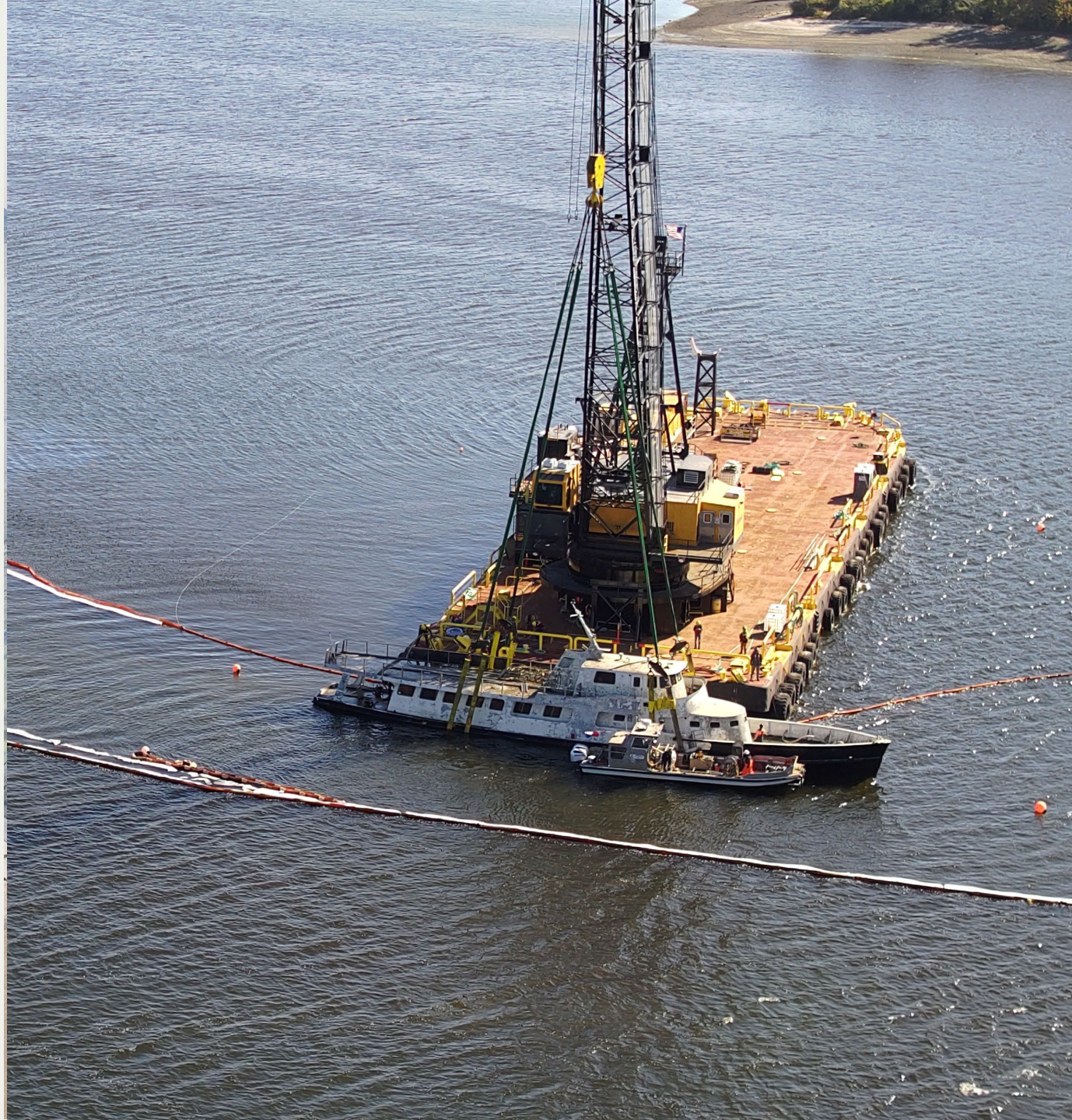
16 SEP
Lift Preparations Begin

20 SEP
M/V CAIRDEAS lifted

22 SEP
DNR takes possession

M/V CAIRDEAS

- Calculated discharge of 1400 gallons of oil
- Multi-Agency Response
- Mobile Derelict Vessels



Special Announcements:

- APAN to be sunsetted October 29, 2025 → Shifting to Ecology external Teams
- Increasing use of SR-UAS/ROV programs

Area Committee Contacts

Contact Us:

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Erica Bates, WA Dept of Ecology

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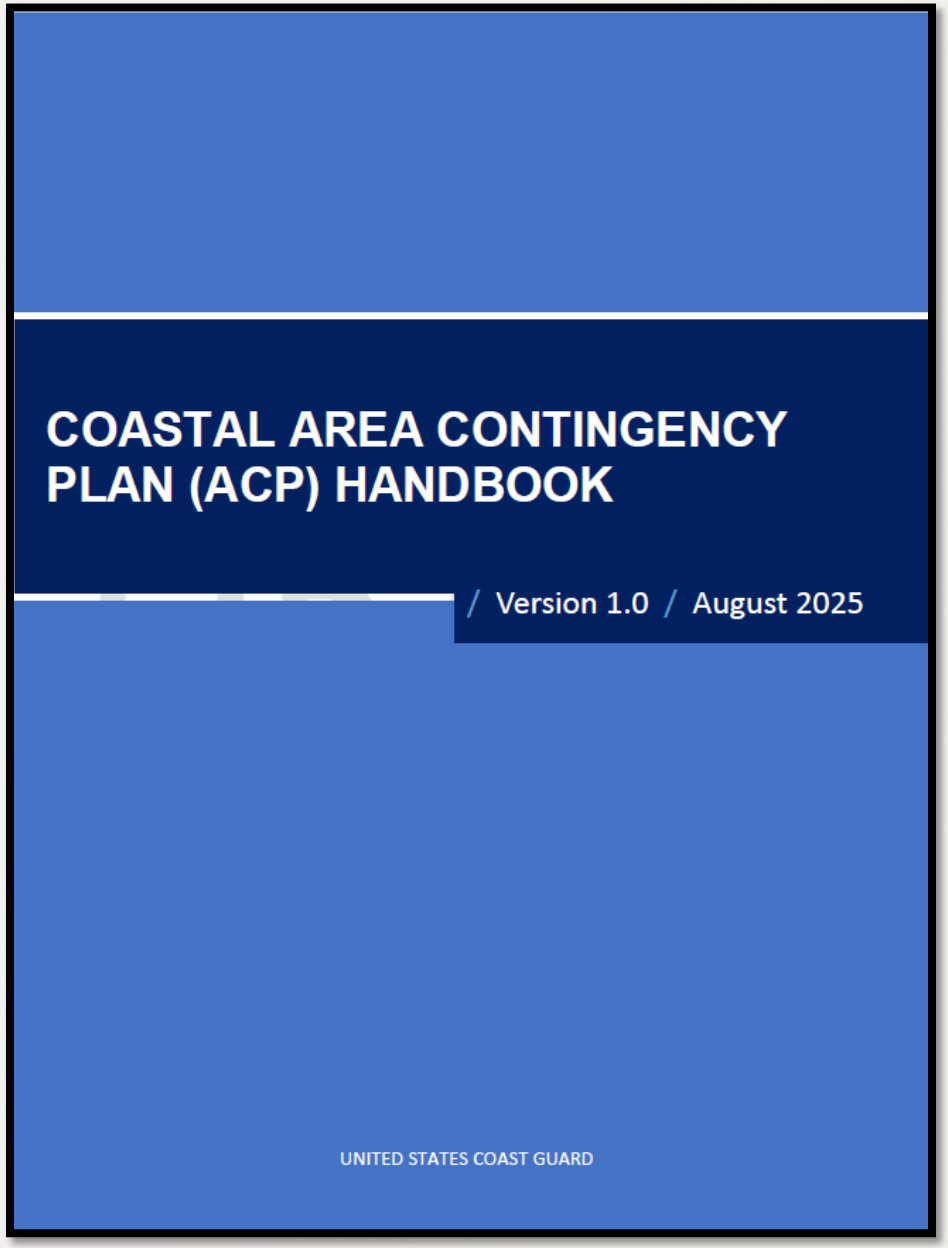
Columbia River Area Committee Report

Report to NW Regional Response Team

- **September 24, 2025**
  - **CWO Jonathan Alexander**



Area Committee Update

Notable Initiatives

- Regional Contingency Plan restructure continues.
- USCG MER-4 released Coastal ACP Handbook providing ACP guidance.
- Fall Area Committee meeting hosted by Sector Columbia River on November 4th, 2025 at the Port of Kalama.

Area Contingency Plan Update

- **Plan Updates:**
  - Completed in-depth review of sections 1000-7000
  - Actively working with Sector Puget Sound to ensure consistency between ACPs.
  - Ensuring alignment with Regional Contingency Plan and newly published Coastal ACP Handbook released by USCG HQ August 2025.

CFV ASHTELLA RHELYN

- Port of Newport, June 23, 2025
- Response Actions Summary:
  - RP initiated initial response actions with local resources; however, capabilities were insufficient.
  - Response actions were deemed inadequate, resulting in FOSCR assuming oil recovery and accessing the OSLTF to conduct removal operations.
  - ROV was deployed by USCG personnel, to provide a low cost rapid assessment of vessel condition and to search for additional pollution sources from vessel.
- Enforcement Actions
  - Enforcement pends
- Next Steps
  - FPN Case Package completion and submittal.
  - Future ROV training to add additional operators in AOR.

June 2025: Sunken vessel at pier/ ROV footage

Special Announcements:

- Upcoming Worst Case Discharge Exercises
  - 01OCT25 - Chevron Wilbridge
  - 22OCT25 - Zenith Terminal
  - 29OCT25 - Pacific Terminal Services.

Needs Requiring RRT10 Support

- Continued engagement through ACP restructuring process.

Area Committee Contacts

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NW Inland Area Committee Report

Report to NW Regional Response Team

September 24, 2025

Stephen Ball, Ball.Stephen@epa.gov

Area Committee Update

Notable Initiatives

- Chaired by EPA OSC Stephen Ball
- Developing Membership
- First AC Meeting held September 23rd
- AC Charter in progress
- ACP writing to begin soon

Area Contingency Plan Update

- **Administrative:**
  - Inland Area Contingency Plan to be drafted.
  - Projected completion in 2026
- **Plan Updates:**
  - Revisions will be made using the Sponsorship Model and will align with Coastal ACPs where possible

Indian Creek Tanker Truck Rollover

- July 18, 2025
- Dual-trailer tanker (gasoline & diesel), left roadway (US 101) and fell into Indian Creek – 1.5 miles upstream from Elwha River, 8.5 miles upstream from ocean.
- Estimated 3,000 gallons discharged.
- UC: EPA, Ecology, Lower Elwha Klallam Tribe (LEKT), Clallam County Sheriff, RP

Union Pacific Exercise

- June 13th: Weiser, Idaho
- Exercise based around an anhydrous ammonia release from a Union Pacific Rail Car
- Required the use of a Midland Kit
- Participants included IOEM, DEQ, EPA, and local response teams
- Utilized FEMA's National Level Exercise program

Capacity Building

- EPA Oil Spill Booming
  - Clackamas, OR
  - Yakima, WA
- Boise Hazmat Week:
  - Command and Control of Train Derailments
  - Risk-Based Response to CNG Vehicles
  - HazCat
  - Union Pacific hands-on Rail Training
  - Full Scale Rail Exercise
  - Alternative Fuel Vehicle Response
- NW Oil Spill Control Course
- Multi-Plan Holder Deployment Exercise

Special Announcements:

- Upcoming Capacity Building:
  - September 25-26: EPA Lithium-Ion Battery Emergency Response Training
- Idaho Hazmat Team Updates
- Planned Site Work:
  - Lake Pend Oreille Houseboat
- Upcoming exercises:
  - October 28: Centerline Exercise above Bonneville Dam

Needs Requiring RRT10 Support

- Post-wildfire recovery gaps and impacts

Area Committee Contacts

Contact Us

EPA: Stephen Ball, Ball.Stephen@epa.gov

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OR DEQ: Don Pettit, Don.Pettit@deq.Oregon.gov

IOEM: Sarah Cerda, SCerda@imd.Idaho.gov

IDEQ: Dean Ehlert, Dean.Ehlert@deq.Idaho.gov

Makah: Jenna Rolf, Jenna.C.Rolf@gmail.com

CTCLUSI: Sarah Hardisty, SHardisty@ctclusi.org

AREA COMMITTEE REQUESTS FOR SUPPORT:

Sector Puget Sound	None
Sector Columbia River	Continued engagement through ACP restructuring process
NW Inland	Post-wildfire recovery gaps and impacts

Please don’t forget to SIGN IN

LUNCH

Meeting will restart at 1:15 PM.

If you want to offer an open comment, sign up in “Chat” or the sign-up sheet located in the room.

Must sign up by the end of this lunch break.

WELCOME BACK

Meeting Sign-In

https://lp.constantcontactpages.com/sl/Q5XZDsV

AFTERNOON AGENDA

1:15	RRT ACTIVATION EXERCISE
1:45	RRT MEMBER SPOTLIGHT: FEMA
2:10	TOOLS AND RESOURCES PAGE DEMONSTRATION
	2:15 - 2:30 BREAK
2:30	NOAA –SCAT ENDPOINTS, ORR DISASTER PREPAREDNESS PROGRAM
3:15	OPEN COMMENTS
3:45	FINAL COMMENTS & CLOSING REMARKS

RRT Activation Exercise

RRT Activation Exercises

Brian Meier
USCG Northwest District

Additional information can be found at:
www.rrt10nwac.com

Background – NCP

- Make-up: EPA & CG Co-Chairs
- Per 40 CFR 300.115(b)(1):
  - The role of the standing RRT includes communications systems and procedures, planning, coordination, training, evaluation, preparedness, and related matters on a regionwide basis.
  - Also includes coordination of Area Committees for these functions in areas within their respective regions, as appropriate.

- Make-up: Relevant Co-Chair becomes Chair
- Per 40 CFR 300.115(j)(1)
- RRT may be activated when a discharge or release:
  - exceeds the capability available to OSC;
  - transects state boundaries;
  - may pose a substantial threat to public health, welfare, environment or property; or
  - is a WCD.

Goal is to help OSC with preparedness & response!

Background – NCP

- Activation activities per 40 CFR 300.115(j)(4):
  - Monitor and evaluate reports, advise on the duration and extent of response, and recommend to specific actions to respond to the discharge or release;
  - Request other federal, state, or local governments, or private agencies, to provide resources for the response;
  - Help prepare information releases for the public and for communication with the NRT;
  - Submit pollution reports to the NRC as significant developments occur.
- Per 40 CFR 300.115(j)(8):
  - Notification of the RRT may be appropriate when full activation is not necessary, with systematic communication of pollution reports or other means to keep RRT members informed as to actions of potential concern to a particular agency, or to assist in later RRT evaluation of regionwide response effectiveness.
- Deactivation per 40 CFR 300.115(j)(7)
  - The RRT can be deactivated when the incident-specific RRT chair determines that the OSC/RPM no longer requires RRT assistance.

Background – RCP

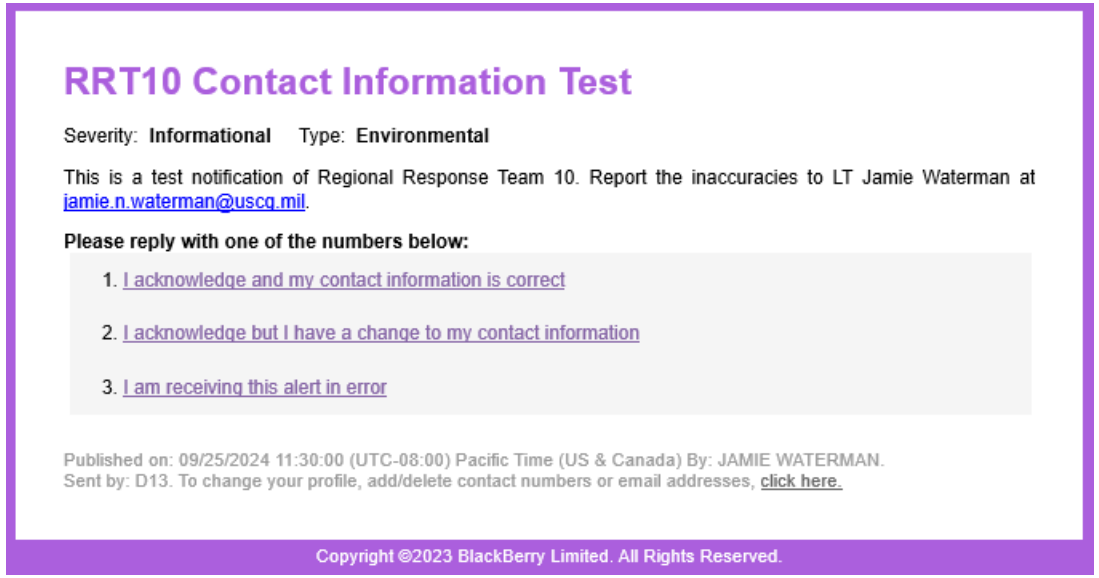
- Section 1430 – Regional Response Teams
  - Standing vs. Incident-Specific
- Section 4600 – Response Technologies for Oil Spills
  - 4615 – Role of RRT related to use of dispersants
  - 4624.1 – Role of RRT with the use of Surface Washing Agents
  - 4618 – Elements of RRT 10 Policy and Plan for In Situ Burning
  - Note: amplifying guidance exists for each countermeasure in 9406, 9407, and 9423
- Section 9105 - Incident Specific Region 10 Regional Response Team Activation
  - Regional overview of NCP & RRT Tasks
  - Quick Response Guide
  - Activation Example Email/Message

Exercise Goals & Complexities

- Because activations are rare, exercises are important.
- Because of how many members are part of the RRT, it takes good exercise planning to effectively exercise our plans.
- Results/Schedule:
  - For CY 2024: Notification Workshop (9/25/24)
  - For CY 2025: 1 Informational Update (6/3/25), 1 Activation (10/22/25)
  - For CY 2026?

September ‘24 Notification Workshop

- Notification done in conjunction with Florence RRT Meeting
- Discussion-based
- Goal to validate/augment Section 9105 of RCP



RRT10 Contact Information Test

Severity: **Informational** Type: **Environmental**

This is a test notification of Regional Response Team 10. Report the inaccuracies to LT Jamie Waterman at jamie.n.waterman@uscg.mil.

Please reply with one of the numbers below:

1. I acknowledge and my contact information is correct
2. I acknowledge but I have a change to my contact information
3. I am receiving this alert in error

Published on: 09/25/2024 11:30:00 (UTC-08:00) Pacific Time (US & Canada) By: JAMIE WATERMAN.
Sent by: D13. To change your profile, add/delete contact numbers or email addresses, click here.

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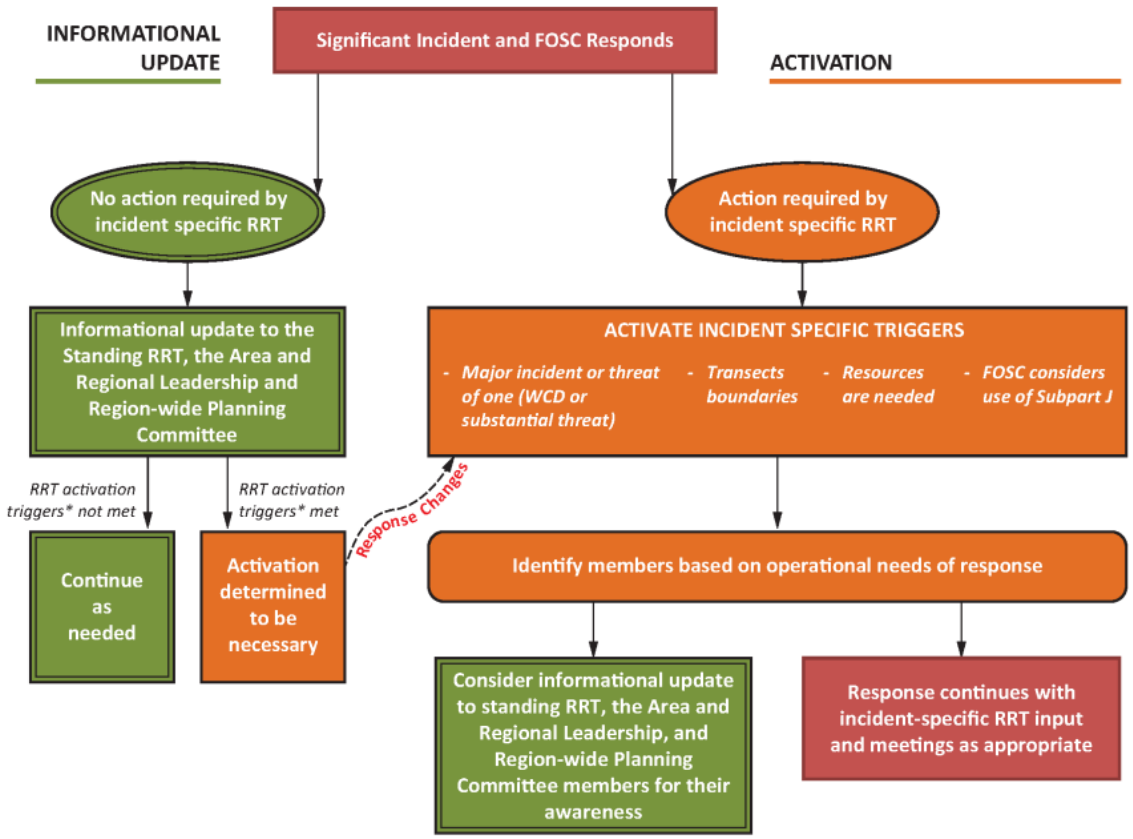
September '24 Notification Workshop – Take-Aways/Action Items

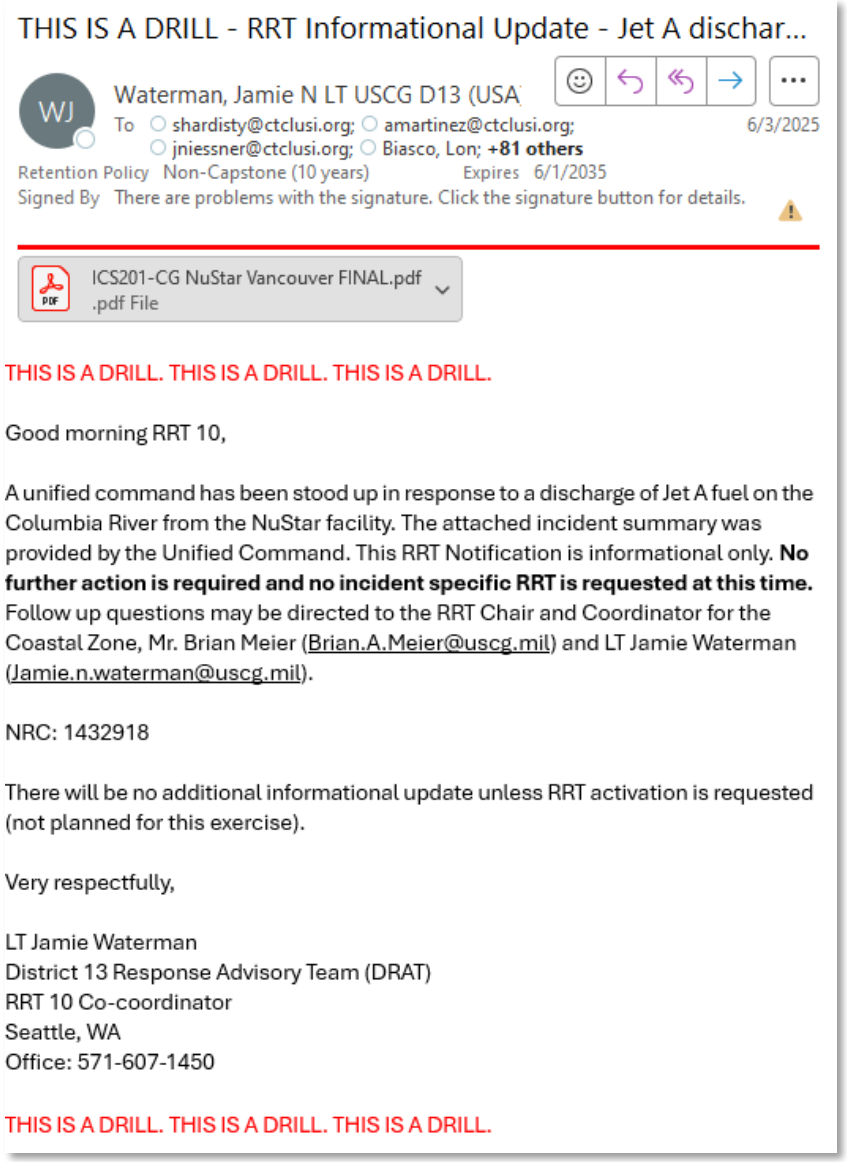
+ Updated Contact List
+ Finalized Supplement to 9105 – RRT10 Information Update vs. Activation Procedures
+ Committed to RRT participation in (at least 2) exercises in CY25

RRT 10 Informational Update vs Activation Procedures – Quick Response Guide



June ‘25 Exercise

- NuStar WCD (6/3/25)
- UC briefed USCG Co-Chair
  - Joint decision was made to send Informational Update to RRT10 Members
- UC provided ICS 201 Briefing
- CGD Northwest sent AWS & followed up by Informational Update via email



THIS IS A DRILL - RRT Informational Update - Jet A dischar...

WJ Waterman, Jamie N LT USCG D13 (USA 6/3/2025

To shardisty@ctclusi.org; amartinez@ctclusi.org; jniessner@ctclusi.org; Biasco, Lon; **+81 others**

Retention Policy Non-Capstone (10 years) Expires 6/1/2035

Signed By There are problems with the signature. Click the signature button for details.

ICS201-CG NuStar Vancouver FINAL.pdf
.pdf File

THIS IS A DRILL. THIS IS A DRILL. THIS IS A DRILL.

Good morning RRT 10,

A unified command has been stood up in response to a discharge of Jet A fuel on the Columbia River from the NuStar facility. The attached incident summary was provided by the Unified Command. This RRT Notification is informational only. **No further action is required and no incident specific RRT is requested at this time.** Follow up questions may be directed to the RRT Chair and Coordinator for the Coastal Zone, Mr. Brian Meier (Brian.A.Meier@uscg.mil) and LT Jamie Waterman (Jamie.n.waterman@uscg.mil).

NRC: 1432918

There will be no additional informational update unless RRT activation is requested (not planned for this exercise).

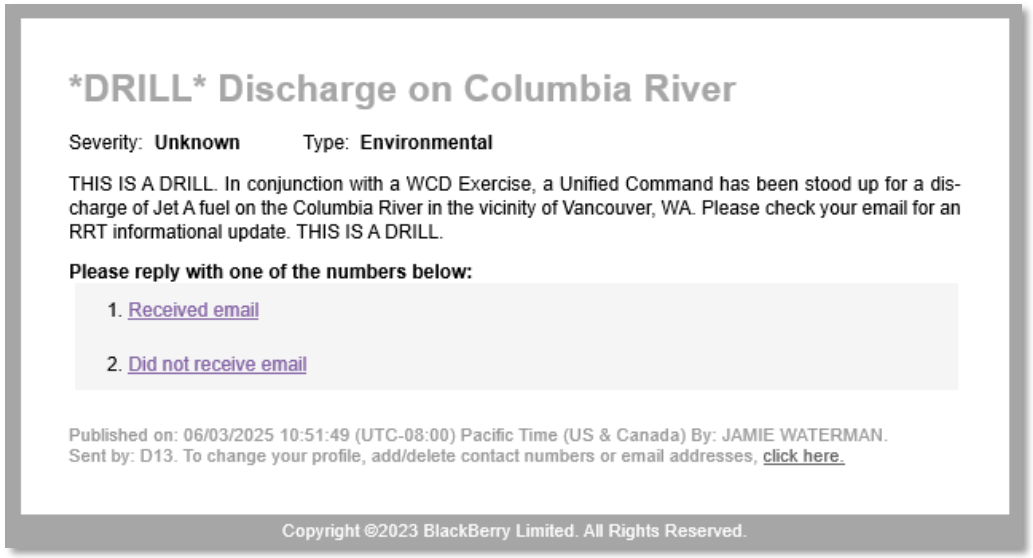
Very respectfully,

LT Jamie Waterman
District 13 Response Advisory Team (DRAT)
RRT 10 Co-coordinator
Seattle, WA
Office: 571-607-1450

THIS IS A DRILL. THIS IS A DRILL. THIS IS A DRILL.

June ‘25 Exercise – Take-Aways/Action Items

+ 9105 Supplement proved to be helpful
+ AWS was easy to implement
+ Positive feedback on briefing & email (good over-communication)
- RRT role not fully understood by UC
- 50% Response Rate
  - Resulted in Co-Chair Outreach Effort
- Organizations (Duty #s) vs. Senior Reps (RRT Members)
  - Initial Notification vs. Info Update



DRILL Discharge on Columbia River

Severity: **Unknown** Type: **Environmental**

THIS IS A DRILL. In conjunction with a WCD Exercise, a Unified Command has been stood up for a discharge of Jet A fuel on the Columbia River in the vicinity of Vancouver, WA. Please check your email for an RRT informational update. THIS IS A DRILL.

Please reply with one of the numbers below:

1. Received email
2. Did not receive email

Published on: 06/03/2025 10:51:49 (UTC-08:00) Pacific Time (US & Canada) By: JAMIE WATERMAN.
Sent by: D13. To change your profile, add/delete contact numbers or email addresses, click here.

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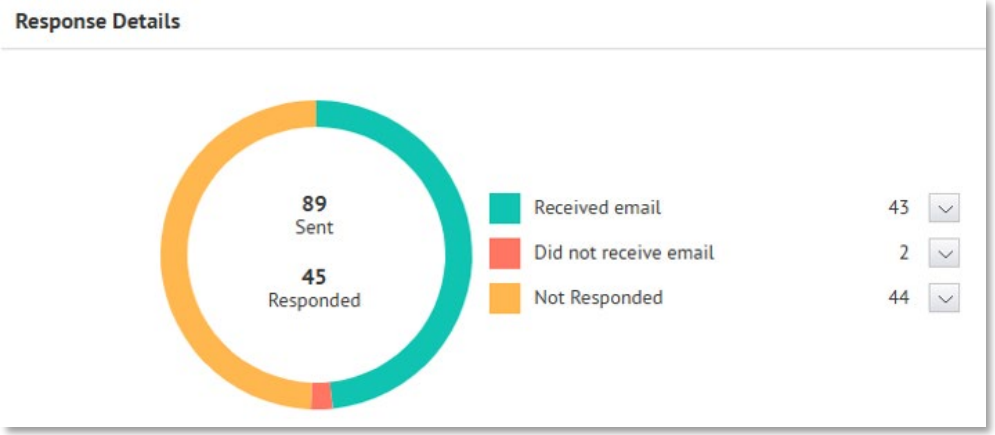


Future Exercises

- Initially supposed to hold exercise today, but exercise was moved
- Next proposed opportunity:
  - Zenith Portland WCD
  - Activation? More details to follow…
- CY2026 Exercises?
  - Notification
  - Informational Update
  - Activation
  - One per Area Committee?
  - Potential need for Exercise Subcommittee?

Questions?

Brian Meier
USCG Northwest District

Additional information can be found at:
www.rrt10nwac.com

RRT MEMBER SPOTLIGHT: FEMA

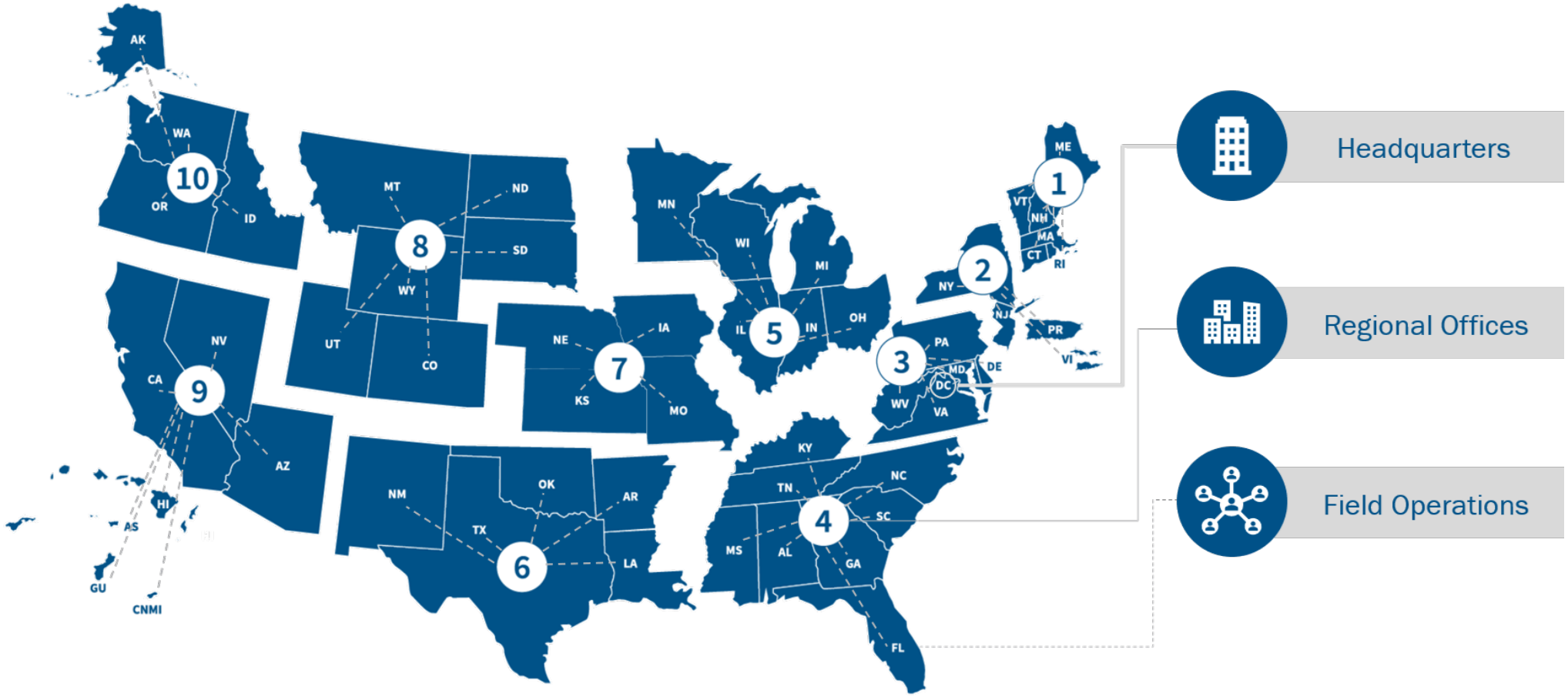
Federal Emergency Management Agency

Region 10

September 24, 2025

FEMA

Where is FEMA?



Region 10

4 States:

Oregon, Washington, Idaho, Alaska

Main office in Bothell/Lynnwood, Washington

Area office in Anchorage, Alaska

Initial operating facility for disasters

271 Tribal Nations

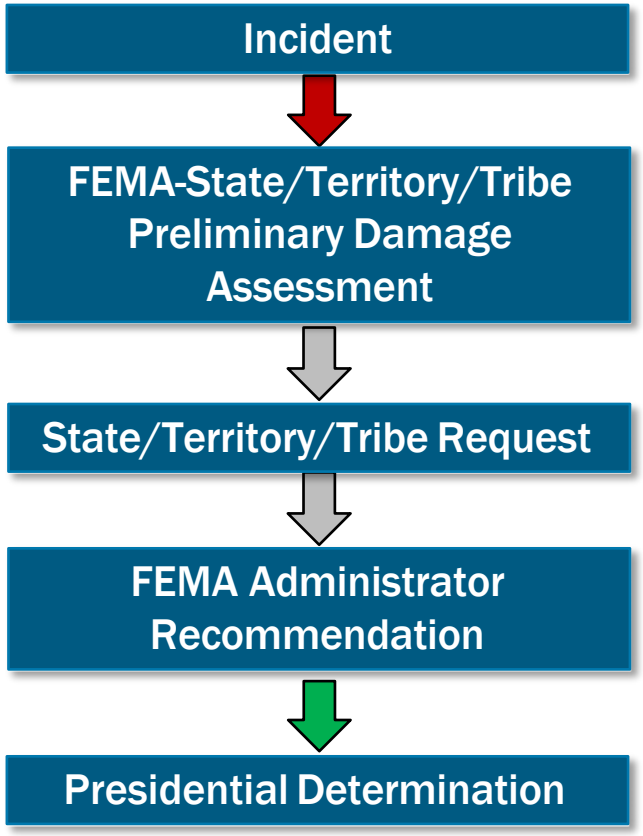
47% of all federally recognized tribes reside in Region 10

Common Disasters:

Earthquake, Landslide, Severe Storm

Flooding, Wildfire, Tsunami

During a Disaster: Stafford Act Declaration Process



- In anticipation of **or** following a significant incident, a State, Territory, or Tribe (STT) may request an Emergency or Major Disaster Declaration from the President through their FEMA Regional Office
- **For an Emergency Declaration**, Preliminary Damage Assessments (PDAs) are not required
- **For a Major Disaster declaration**, the FEMA Regional Office will deploy staff to conduct PDAs in conjunction with STT representatives
- FEMA will **submit a recommendation to the President** regarding the request for a Declaration **based on several factors**
- Declaration decisions are at the **sole discretion of the President**

Types of Assistance Available and Associated Cost Share

Individual Assistance	**FEMA Assistance:** Direct assistance to individuals and households, as well as State, local, Territorial, or Tribal (SLTT) governments to support individual survivors, including housing assistance, disaster case management, and crisis counseling grants. **Cost Share:** Housing is 100 percent federal funding. Other Needs Assistance is stipulated at 75 percent Federal cost share and may not be increased. State must fund the non-federal cost share.
Public Assistance	**FEMA Assistance:** Supplemental Federal grant assistance for debris removal, emergency protective measures, and the restoration of disaster-damaged, publicly owned facilities and specific facilities of certain private nonprofit (PNP) organizations. **Cost Share:** 75 percent federal cost share minimum, which may be adjusted upward by the President. FEMA will recommend a Public Assistance cost share adjustment to 90% whenever Federal obligations meet or exceed $162 per capita (CY22).
Hazard Mitigation	**FEMA Assistance**: Provides funding for eligible mitigation measures that reduce disaster losses. Assistance also reduces vulnerability of communities to disasters and their effects in the future. **Cost Share:** 75 percent Federal cost share ceiling.

Stafford Act Funding

The President may direct any federal agency pursuant to the authorities outlined in the Stafford Act.

The Disaster Relief Fund (DRF), managed by FEMA, is the primary source of funding for the federal government's domestic general disaster relief programs. It is available only for activities that are (1) authorized by the Stafford Act and (2) ***outside other existing authorities and agency missions***. For Stafford Act incidents, the EPA and USCG should coordinate with FEMA and other departments and agencies to ensure that appropriate funding is made available using FEMA's mission assignments.

The Stafford Act authorizes the President to provide financial and other disaster and emergency support to SLTT and insular-area governments, NGOs, and individuals to support response, recovery, and mitigation following a Presidential declaration of an emergency or major disaster.

Public Assistance Policy 9523.8 (Rescinded 2021)

Public Assistance Policy 9523.8 essentially consisted of two agreements, one between FEMA and the EPA and the other between FEMA and the USCG, it outlined which agency will pay for which expenses during an emergency or major disaster. FEMA and EPA signed an agreement (***known as the Suiter/Makris memorandum***) in 2001 (rescinded in 2021) that states that it is FEMA's intent to utilize Stafford Act funds to reimburse EPA for specific emergency response activities related to hazardous materials (hazardous substances, pollutants, contaminants, and oil) under ESF #10 when there is an emergency or major disaster declaration. Further, FEMA and USCG signed an agreement (***known as the Penn/Tulis memorandum***) in 2019 that states that FEMA has the ability and intent to directly assign the USCG for ESF #10 missions in the coastal zone.

Public Assistance Policy 9523.8 (Rescinded 2021)

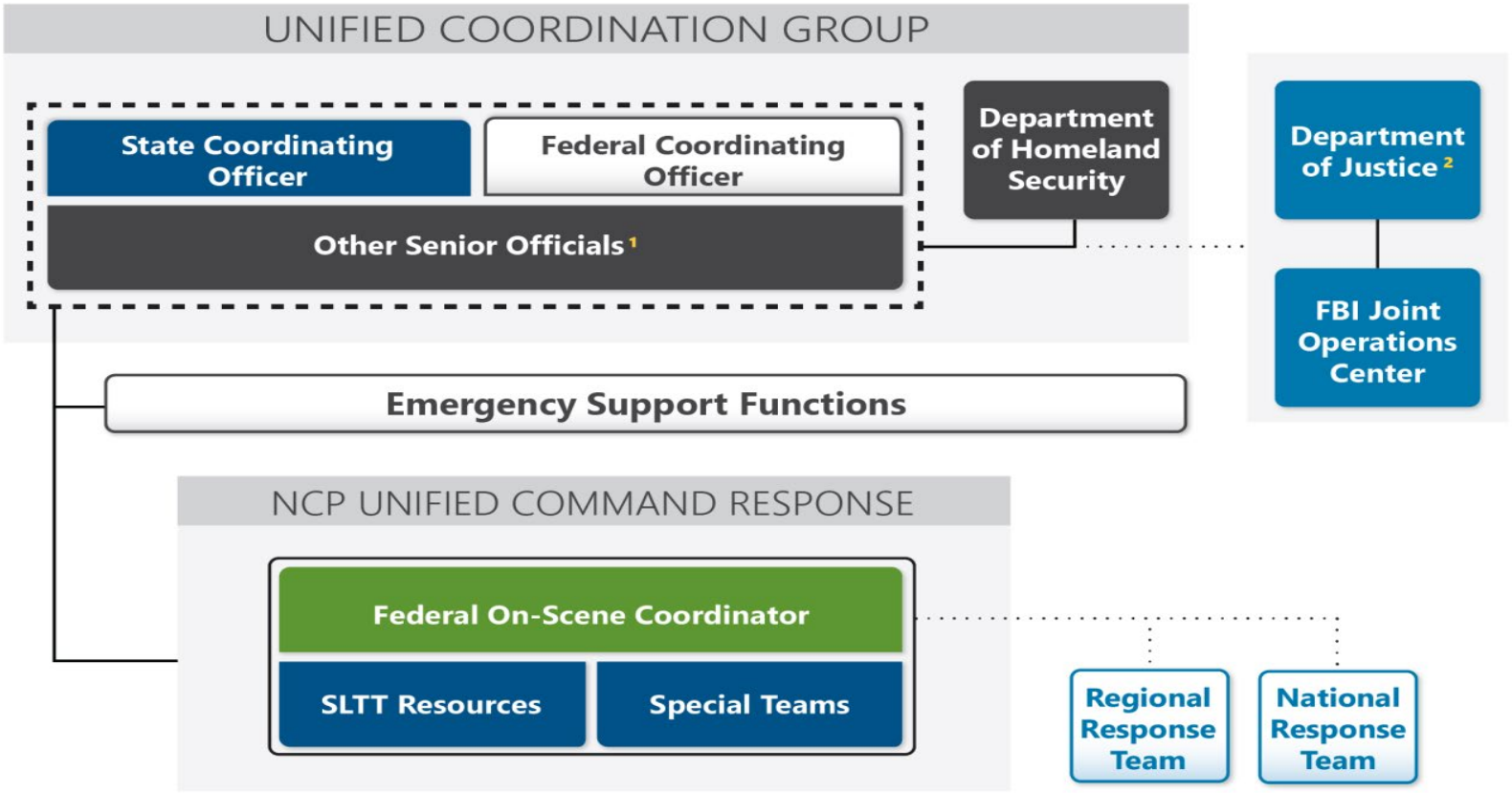
FEMA Policy 9523.8 Mission Assignments for ESF #10: This policy outlined the terms that FEMA and the Environmental Protection Agency had agreed to in regard to funding Mission Assignments (MA) for ESF #10 activities in major disasters and emergencies. This policy's review cycle ended on June 4, 2006, and this policy is outdated and no longer in use. This policy is superseded by FEMA Policy 104-010-2 Mission Assignments, signed on August 17, 2018, which establishes the fiscal and administrative requirements and business standards associated with the MA program including the development, approval, issuance, execution, reimbursement, and closeout of an MA.

2019 Tulis/Penn Memo

"The Stafford Act at Section 402 (Major Disasters) and 503 (Emergencies) provides that FEMA may direct any Federal agency, ***with or without reimbursement***, to utilize its authorities and the resources granted to it under Federal law, in support of State and local assistance response and recovery efforts. These authorities are executed through the issuance of mission assignments by FEMA to Federal Departments and Agencies.

While the National Response Framework (NRF) provides that the U.S. Environmental Protection Agency (EPA) is the Coordinator for ESF 10, ***FEMA reserves the right to issue mission assignments directly to other Federal Agencies, including the U.S. Coast Guard (USCG), for ESF 10 missions when FEMA deems it appropriate given the conditions and circumstances involving the task and the overall operating environment."***

Response Under Stafford Act Declaration



[1] Other Senior Officials and D/As as described in **Response: Actions under a Stafford Act Declaration** below.
[2] Active in cases of terrorism or criminal activity

Response Under Stafford Act Declaration Cont.

Although the UCG uses the structure of the Incident Command System, it ***does not manage on-scene operations.*** Instead, it focuses on providing support to on-scene efforts and conducting broader ***support operations that may extend beyond the incident site***.

Under a Stafford Act declaration, ESF #10 provides representatives to the Region Response Coordination Center (RRCC), Joint Field Office (JFO), and FEMA National Response Coordinating Center (NRCC) when requested and may send liaisons to state and local emergency operations centers (EOCs). Where the oil or chemical response is a significant component of the overall response, the FCO may ask EPA and/or USCG to designate a senior official to be part of the UCG. ***If a SONS is the primary cause of a Stafford Act declaration or is a component of a broader disaster that leads to a Stafford Act declaration, the EPA SAO or USCG NIC designated for the SONS will coordinate with the UCG.***

Comparison of NCP and Stafford Act Key Elements

Key Element	NCP	Stafford Act
Scope	Removal of oil, hazardous materials	Statement of work (SOW) via mission assignment
Lead Agency	USCG or EPA	State or Tribe
Federal Funding	Oil Spill Liability Trust Fund (OSLTF) and CERCLA	Stafford Act – cost share
Applicability	All private, state, and federal lands and waters except DoD and DOE facilities	Dependent on state law, regulation, and policy. Cannot be used on federal property.
Vessel Removal	Approval by USCG Commandant or a memo requesting destruction	Approval of work outlined in mission assignment (may or may not be pre-scripted)
Response Organization	Incident command or unified command	Incident command or unified command

FEMA Recovery Tasks

Planning

- Support response and recovery operational planning by creating crisis action plans.
- Coordinate the Recovery Support Strategy with the Planning Section at the Joint Field Office (JFO).
- Using geographic information systems (GIS), create mapping and analysis products to support recovery efforts.
- Support the establishment of long-term recovery groups with the assistance of voluntary agency liaisons.
- Create links to resources to aid in the long-term recovery of the community through private sector liaisons.

Operational Coordination

- Share resources and information with ESFs.
- Provide senior-level decision makers with critical information related to long-term recovery and economic impacts.
- Coordinate recovery operations with concurrent response operations, including the phase-out of response functions.
- Provide issue-specific guidance to non-governmental organizations (NGOs) and private-sector organizations about serving those with disabilities or other access or functional needs

Summary of FEMA Roles and Responsibilities in Oil/Chemical Incident

- Obtains the latest information on the status of the oil/chemical incident from U.S. Environmental Protection Agency (EPA) or U.S. Coast Guard (USCG) and disseminates risk assessments to all authorized government agencies

- Deploys and provides resources as appropriate to collect data for information analysis and situational awareness to support operational decisions during an oil/chemical incident

- Acquires material and resources to support local, state, tribal, and territorial (SLTT) response and recovery operations through existing contracts. Activates contracts that provide personnel, equipment, and supplies to support life-sustaining services (such as shelter, hydration, meals, food, emergency supplies, reunification services, durable medical equipment) required after an oil/chemical incident

- Coordinates overall staffing of federal emergency management activities at multiagency coordination centers, including which Emergency Support Functions (ESFs) and Recovery Support Functions (RSFs) are activated, the size and composition of the organizational structure, the level of staffing at multiagency coordination centers, and identification of required key positions

FEMA Tear Away Sheets for HAZMAT Initial Operations

Stabilization Target: Oil and hazardous substance spills or releases are identified and contained, responsible parties are engaged, and a command structure is established and considers other federal agency (OFA) statutory authorities. Health and safety hazard assessments are conducted. Containment and remediation of hazard substance spills for lifesaving and life-sustaining efforts are achieved.

Hazardous Materials

Key Facts:

1. Damage to communications infrastructure limits the ability to identify and prioritize HAZMAT releases.
2. Ingestible and inhalable chemicals, such as chlorine and ammonia, pose the greatest immediate health threat.
3. Damage to transportation infrastructure and related route obstructions limit the ability to assess and contain HAZMAT releases.
4. Pipelines can follow roads and use bridges to cross water barriers. Significant spills occur due to damaged roads and bridges.
5. Some information needed for effective response is classified.
6. Address possible HAZMAT issue due to damage of chemical carrying railcars.
7. PHMSA waivers and special permits provide ease of regulations for handling or removing HAZMATs.
8. If R10 devolves, operational control is managed by a combination of FEMA Headquarters (HQ) and FEMA Region 6, and EPA.
9. National stockpiles can provide PPE resources upon request.
10. EPA does not operate outside agency authorities until a Presidential Declaration.
11. Bakken Crude Rail transports highly flammable material through the region.

Priorities:

1. Coordinate and support lifesaving and life-sustaining response efforts.
2. Assess the number, type, and extent of HAZMAT incidents caused by an event.
3. Deploy HAZMAT emergency response resources.
4. Coordinate with R10 Logistics Section to ensure critical logistical response/actions.

Atmospheric Considerations:

- Rural communities are losing access to potable drinking water systems. Communities with water/wastewater facilities do not have redundant systems.
- Rural and underserved communities are reliant on small water systems or private drinking water wells and are at risk for water shortages or contaminated water.
- Infrastructure design, operation, financing principles, and regulatory standards typically do not account for a changing climate.
- Much of the isolated and rural communities of R10 are reliant on groundwater wells for drinking water.

Sub-Components

Facilities

- Oil & HAZMAT Facilities
- Oil & HAZMAT & Toxic Incidents from Facilities

HAZMAT, Pollutants, Contaminants

- Oil & HAZMAT & Toxic Incidents from Non-Fixed Facilities
- Radiological or Nuclear Incidents

High-level Assumptions:

1. Exposure to disease vectors and chemicals in debris poses health risks to survivors and responders.
2. Fires may be a result of oil and HAZMAT releases and damage to electrical and gas infrastructure. Environmental Protection Agency (EPA) may initially assess natural gas infrastructure, but Pipeline and Hazardous Materials Safety Administration (PHMSA) serves as the lead for gaseous pipeline incidents.
3. Life-threatening HAZMAT releases may occur due to damage to chemical, industrial, or medical facilities.
4. Local response resources are primarily engaged with life safety, so HAZMAT response is a second priority.
5. Standard reporting mechanisms for hazardous spills are unavailable due to the impacts to communication systems.
6. Fire, Urban Search and Rescue (US&R), HAZMAT and Emergency Medical Services (EMS) compete for resources.
7. HAZMAT or oil releases influence one or more transportation hubs and/or populated areas.
8. Debris materials pose a public health risk; potential hazardous debris materials pose an additional risk to the public and environment.
9. Permanent disposal of HAZMATs is a long-term issue.
10. Historical models have evolved and may no longer accurately reflect current risk types, frequency, or severity described in the hazard and threat annexes of this plan.
11. EPA backup regions provide additional personal protective equipment (PPE) resources upon request, and delays impact operations.
12. Access to rural community's delays response operations.
13. Address possible HAZMAT issue due to damage of chemical carrying railcars.
14. EPA does not operate outside agency authorities until a Presidential Declaration and does not have surge funding for response efforts.
15. Increased climate change can result in increased wildfires and flooding, disproportionately effecting rural communities.

ent Agency

Considerations	AK State Profile	ID State Profile	OR State Profile	Tribal	WA State Profile
	Hazardous facilities can be affected by the following disasters; earthquake, terrorist event, annual ice break-up of the Yukon River, Port of Anchorage, Murdoch learning experience; transportation of HAZMAT can affect lower income and rural areas.	State has the Idaho National Laboratory, conducts nuclear and clean energy testing; ID has multiple national hazardous priorities throughout that will require consideration; ID has several mining communities that have increased probability HAZMATs.	Petroleum pipeline runs from Salt Lake City to Pasco, WA; Portland Energy Hub houses oil and petroleum products; rail infrastructure used to transport crude oil and petroleum products run adjacent to the Colombia River; HAZMAT sites could threaten environment.	Tribal nations may have the capability and resources to respond to facilities, if not tribes may reach out for state or federal assistance.	Pipeline in western WA and OR; Naval facilities are potential for nuclear events; multiple oil refineries along Puget Sound; Hanford site manages cleanup and disposition of nuclear waste; rail infrastructure used to transport crude oil

Initial Essential Elements of Information

* Note: The EEIs are high-level and are not a complete comprehensive list of all EEIs. Refer to the Information Collection Plan (ICP) for a complete list.

- Status of IMT deployed to incident (number of PAX, location, date of arrival)
- Community Air Monitoring Report
- Number of displaces vessels/orphan containers
- Impacted Rigs/Offshore facilities
- Shipping channel impacts
- Additional HazMat Resource Requirements

PHASE 1: Pre-Incident Operations — Tasks and Key Decisions

- Develop data layers of regulated facilities.
- Determine need for air and water quality waivers and support waiver process.
- Maintain list of critical HAZMAT facilities and transportation routes.
- Regional Response Team updates plans and prepares for oil and hazardous response actions.
- Provide ESF #8 with information about HAZMAT releases, as available from initial assessments.

PHASE 2: Coordinated Recovery and Response Operations — Tasks and Key Decisions

- KEY DECISION: Entry procedures for first responders into a contaminated environment
- Conduct assessment of regulated facilities and develop/distribute list of contaminated sites.
- Provide status of assessments, the nature and extent of oil and HAZMAT releases, actions taken to stabilize them, and recommendations for protective action for responders and survivors.
- Provide technical assistance to search and rescue (SAR), as requested, to deal with HAZMAT issues/contamination.
- Coordinate cleanup of priority transportation infrastructure contaminated by HAZMAT releases.
- EPA/USCG coordinate with ESF #15 to ensure effective reporting of oil/HAZMAT incident information to the public and responders.
- Identify the extent of contamination and maintain list of contaminated sites.
- Identify lead agency for HAZMAT disaster response

PHASE 3: Recovery and Restoration Operations — Indicators

- Long-term sustainable recovery efforts in progress
- Decontamination assets demobilized

Associated LOEs:

- 2. Debris Management
- 12. Public Information and Warning
- 22. Emergency Route Clearance
- 26. Port Opening
- 5. Fatality Management
- 7. Healthcare Systems Support
- 15. Search and Rescue
- 21. Decontamination
- 3. Emergency Repairs / Infrastructure
- 23. Isolated Communities (CONUS)
- 24. Isolated Communities (OCONUS)
- 6. Hazardous Waste
- 10. Natural & Cultural Resource Protection and Restoration
- 14. Restoration of Public Infrastructure

Enabling
Lifesaving
Life-Sustaining
Stabilization

Facilities

Considerations	AK State Profile	ID State Profile	OR State Profile	Tribal	WA State Profile
	AK has a substantial oil and fuel state and storage, to include crude oil. Private industry and DOD are the primary users of pipelines within the state.	State has several hazardous sites special consideration should be given for a potentiall array of HAZMATs in and around affected areas, ID has several petroleum sites/facilities that are designed to provide replacement of hazardous and contaminated fuel.	Numerous hazardous sites within the state, consideration should be given to the potential HAZMAT in and around affected areas; OR has several petroleum sites/facilities that are designed to provide replacement of hazardous and contaminated fuel.	Tribal nations may have the capability and resources for spill response and can enter into agreements w/federal agencies. Cleanup decisions, including response technologies and endpoints, should be collaborate with tribes & Unified Command.	Radiation waste from Department of Defense sources, Hanford site, and Columbia Generation Station; numerous hazardous sites within the state; facilities designed to provide replacement of hazardous and contaminated fuel.

Initial Essential Elements of Information

* Note: The EEIs are high-level and are not a complete comprehensive list of all EEIs. Refer to the Information Collection Plan (ICP) for a complete list.

- Status of IMT deployed to incident (number of PAX, location, date of arrival)
- Community Air Monitoring Report
- Number of displaces vessels/orphan containers
- Impacted Rigs/Offshore facilities
- Shipping channel impacts
- Additional HazMat Resource Requirements

PHASE 1: Pre-Incident Operations — Tasks and Key Decisions

- Regional Response Team updates plans and prepares for oil and hazardous response actions.
- Provide ESF #8 with information about HAZMAT releases, as available from initial assessments.

PHASE 2: Coordinated Recovery and Response Operations — Tasks and Key Decisions

- KEY DECISION: Entry procedures for first responders into a contaminated environment
- Provide status of assessments, the nature and extent of oil and HAZMAT releases, actions taken to stabilize them, and recommendations for protective action for responders and survivors.
- Provide technical assistance to SAR, as requested, to deal with HAZMAT issues/contamination.
- Coordinate cleanup of priority transportation infrastructure contaminated by HAZMAT releases.
- Coordinate with ESF #3 to clear transportation routes of HAZMATs.
- EPA/USCG coordinate with ESF #15 to ensure effective reporting of oil/HAZMAT incident information to the public and responders.
- Assist with environmental compliance.
- Identify lead agency for HAZMAT disaster response
- In coordination with ESFs #1, #3, #5, #6, #8 and #9, identify locations contaminated by HAZMAT releases and assess their impact on transportation systems/networks.

PHASE 3: Recovery and Restoration Operations — Indicators

- Long-term sustainable recovery efforts in progress
- Decontamination assets demobilized

Federal Emerger

Associated LOEs:

- 2. Debris Management
- 12. Public Information and Warning
- 22. Emergency Route Clearance
- 26. Port Opening
- 5. Fatality Management
- 7. Healthcare Systems Support
- 15. Search and Rescue
- 21. Decontamination
- 3. Emergency Repairs / Infrastructure
- 23. Isolated Communities (CONUS)
- 24. Isolated Communities (OCONUS)
- 6. Hazardous Waste
- 10. Natural & Cultural Resource Protection and Restoration
- 14. Restoration of Public Infrastructure

Enabling
Lifesaving
Life-Sustaining
Stabilization

HAZMAT, Pollutants, Contaminants

Way Forward for FEMA Region 10

- 2026 World Cup Planning and Support
- 2026 Volcano Plan Development
- 2026 Alaska All Hazards Plan
- Quarterly RRCC Exercises
- Monthly RRCC Drills
- Bi-Weekly Operations Spotlight Series

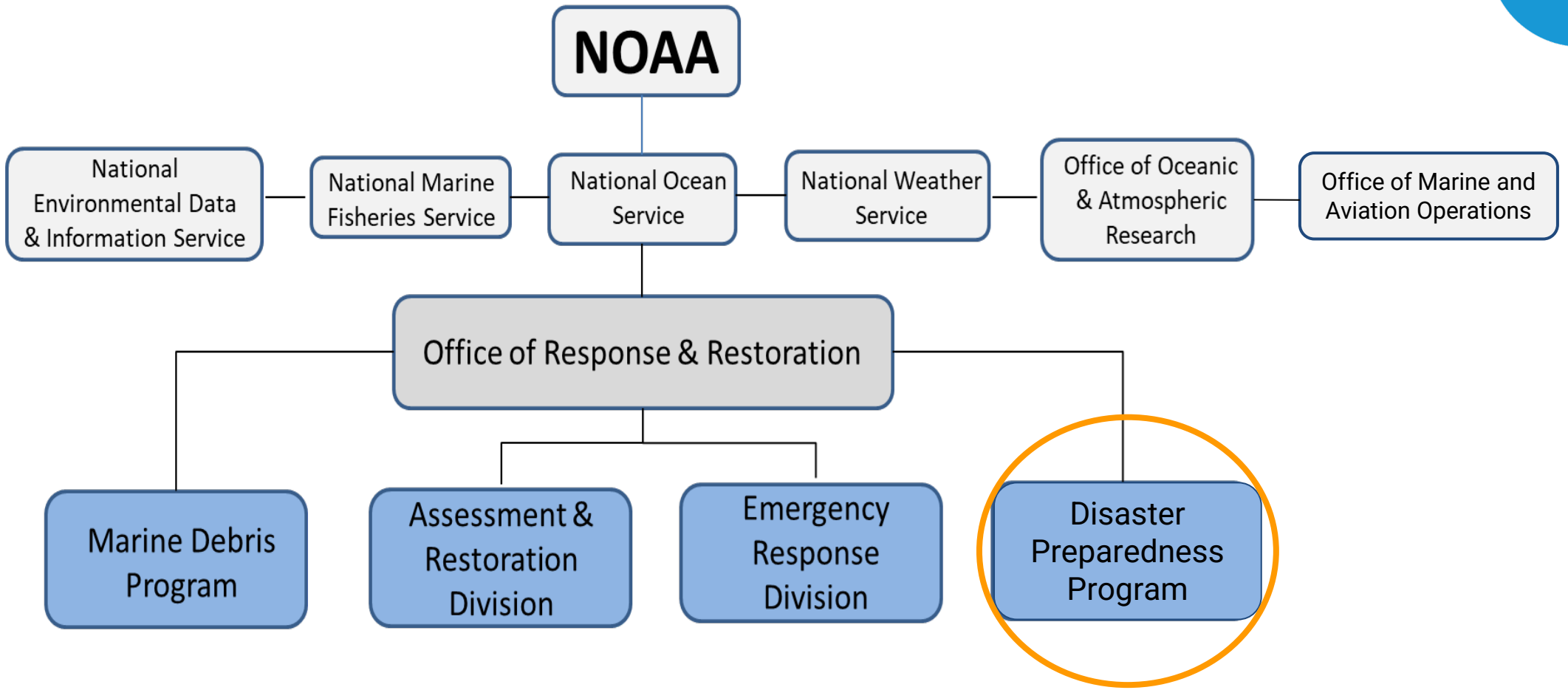
FEMA

Helping People Before, During, and After Disasters.

TOOLS AND RESOURCES PAGE DEMONSTRATION

NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION (NOAA)

NOAA Disaster Preparedness Program


NOAA
National Environmental Data & Information Service
National Marine Fisheries Service
National Ocean Service
National Weather Service
Office of Oceanic & Atmospheric Research
Office of Marine and Aviation Operations
Office of Response & Restoration
Marine Debris Program
Assessment & Restoration Division
Emergency Response Division
Disaster Preparedness Program

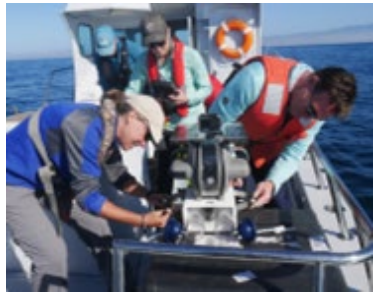
Disaster Preparedness Program

Vision

Communities are safer through optimal disaster preparation

Mission

To ensure the National Ocean Service (NOS), partners, and coastal communities are able to effectively prepare for, respond to, and recover from all hazards, including coastal disasters.



Program Capabilities

Plan – assist with planning for disasters before they occur

Organize/Equip – connecting partners with NOAA resources

Train – host trainings for NOAA staff and partners in all aspects of emergency management

Exercise – ensuring plans are coordinated

Evaluate/Improve – dedicated to continuous improvement

Recovery – support NOAA planning, coordination and operational engagement in long term recovery after disasters

Planning

- Maintain NOS Continuity of Operations Plan (COOP)
- Support Plan Development:
  - Disaster preparedness, response and hazard mitigation
- Connecting NOAA expertise to partners to help improve plans

Training & Workshops

Training:

- Resource Advisor (RA) Training
- Science of Oil Spills (SOS)
- Science of Chemical Releases (SOCR)
- Shoreline Cleanup Assessment Technique (SCAT)

Workshops/Exercise Support: Focus on regional and state needs

Learning Management System (LMS): Online training database (in development)

Disaster Response Center: Mobile, AL
NOAA Western Regional Center: Seattle, WA

DPP Response

NOS Incident Management Team

- Focus on NOS incident coordination, preparedness, and improvement across NOS program offices
- Activations: PMI – Personnel – Mission – Infrastructure

Response Liaisons

- Connect partners to NOAA tools and resources
- Maintaining situational awareness during disasters

NOS Response Capabilities

Center for Operational Oceanographic Products and Services

- Tide predictions and bulletins
- Coastal Inundation dashboard
- PORTS: provide commercial vessel operators with real-time information
- Harmful algal bloom forecasts

National Geodetic Survey

- Aerial imagery (pre and post event)
- Remote sensing
- Land surveying

Office of Coast Survey

- Nautical charts
- Hydrographic surveys and services

Office of Response and Restoration

- Scientific support for oil and chemical spills
- Marine debris support (assessments, mapping, BMPs)
- ERMA: an online mapping tool that integrates both static and real-time data
- NOS Response Liaisons and Coastal Advisors

Aerial Imagery: Texas Flooding

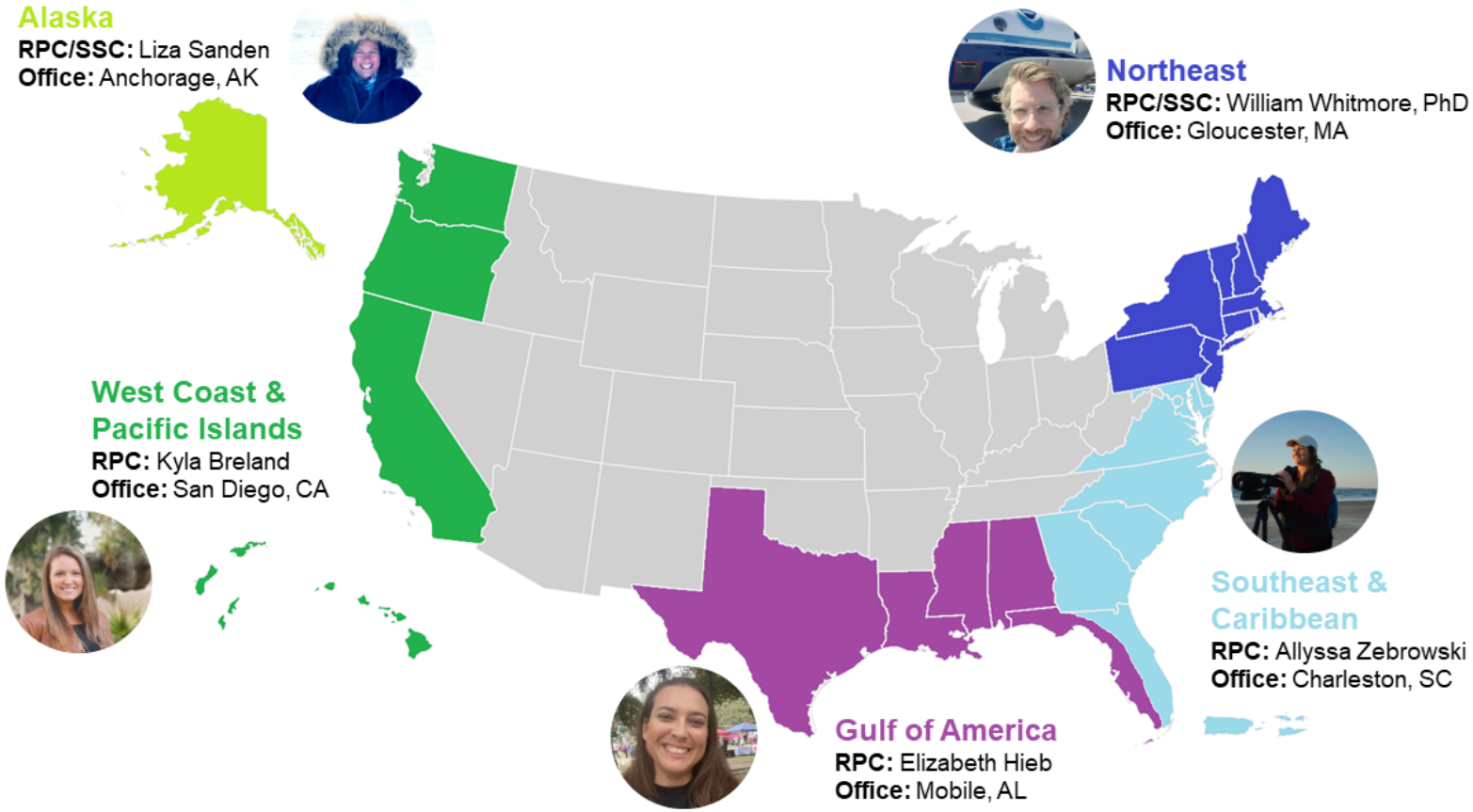
FEMA uses of the imagery:

- Identifying debris and structural locations and volumes
- Damage assessments for residential structures and infrastructure
- Served as a authoritative image base for emergency services and SAR operations
- Decision support for mitigation of future events

Twin Otter and King Air Stats merged			
Images	**km²**	**Flight Hours**	**No. of Flights**
11,338*	9,038	61.8	18
11,338 images is **1.7 Trillion pixels*			

DPP Regional Preparedness Coordinators

Responsible for ensuring NOS and its partners have the tools necessary to plan for, respond to and recover from disasters.



What RPC’s do:

- **Build relationships** with regional partners and stakeholders to achieve the DPP mission and vision

- Provide partners and stakeholders with **awareness and knowledge** of NOAA services and products that could assist in emergency planning and response.

- **Create opportunities** to enhance preparedness and readiness including workshops, exercises, and training activities.

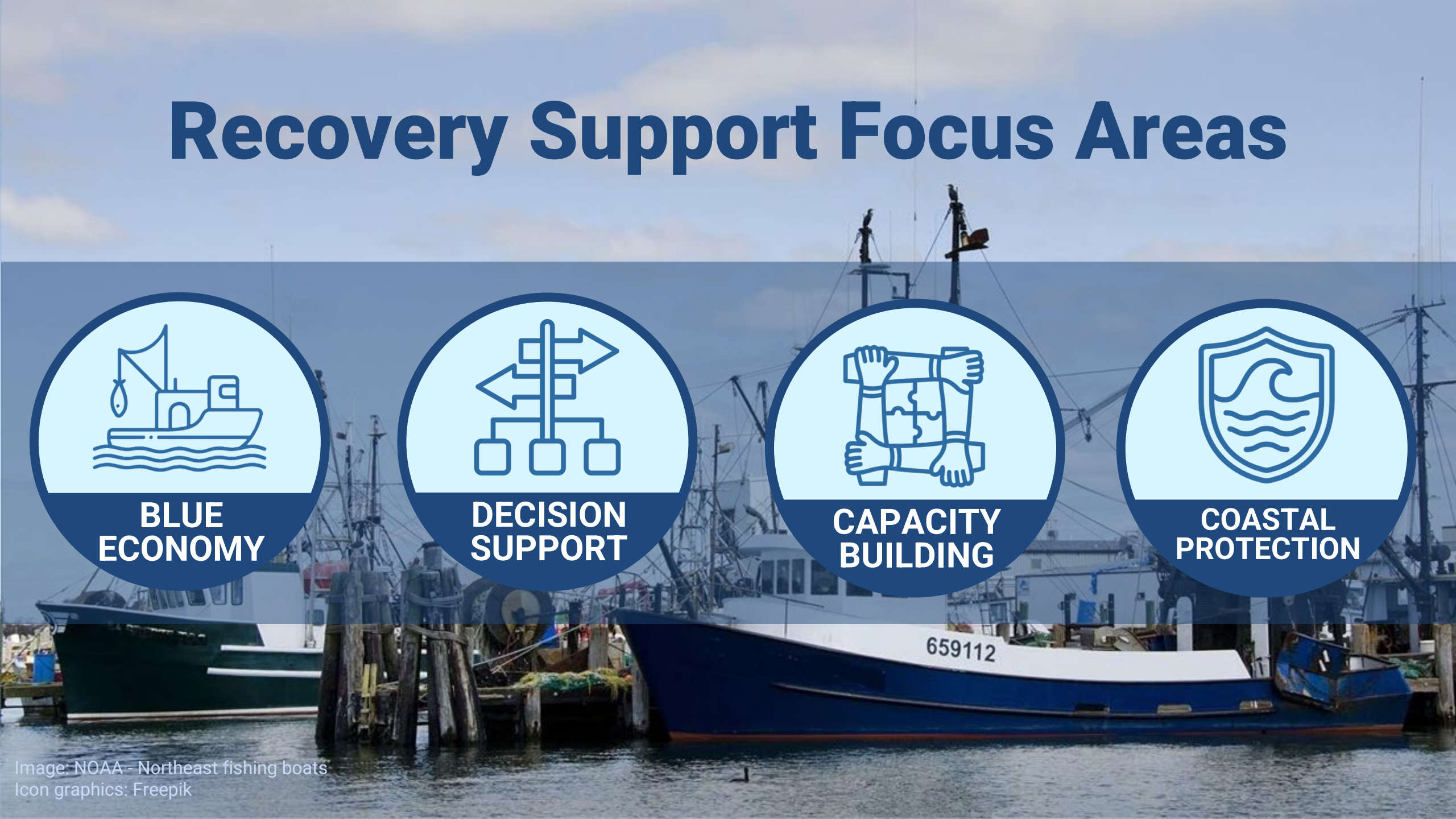
DPP Recovery

DPP leads cross-NOAA operational coordination for disaster recovery support

- As requested by federal coordinating agency
- According to State/Territory/Tribe priorities
- Science-based and risk-informed
- Built on a foundation of existing partnerships

DISASTER RECOVERY | **Locally Executed. State Managed. Federally Supported.**

Recovery Support Focus Areas



BLUE ECONOMY

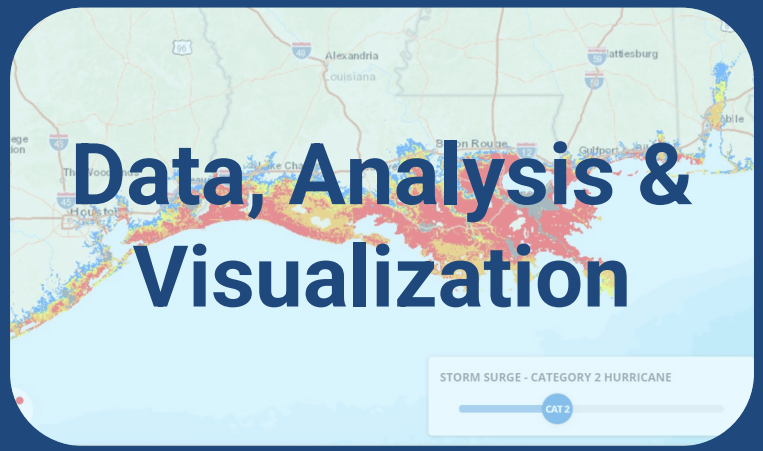
DECISION SUPPORT

CAPACITY BUILDING

COASTAL PROTECTION

Image: NOAA - Northeast fishing boats
Icon graphics: Freepik

How NOAA Assists in Recovery



Images: NOAA - Post-Milton Aerial Imagery; NOAA - Coastal Flood Exposure Mapper; NOAA - Living Shoreline, NOAA Beaufort Laboratory, Pivers Island, NC; NOAA - Divers caching coral fragments for emergency stabilization in Puerto Rico; Tim Briggs, NH Sea Grant; NOAA - Chesapeake Bay Estuary

**When Congress appropriates funding for this purpose or needs align with available non-disaster funding opportunities*

Questions?

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OPEN COMMENTS

NEXT MEETING

March 2026

Astoria, OR

FINAL COMMENTS & CLOSING REMARKS