



Alaska Regional Response Team



September 12, 2024

Meeting Purpose and “Rules”

- **This is a business meeting of the ARRT**
 - Questions and discussions is for ARRT Members and OSCs
- **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 ARRT can provide support, if requested/needed**
- **While open to the public, it is not a public meeting**
 - As time allows, questions may be taken from the public. Please type questions in the Chat box. Non-ARRT members are invited to sign up for Public Comment.

Meeting Sign-In



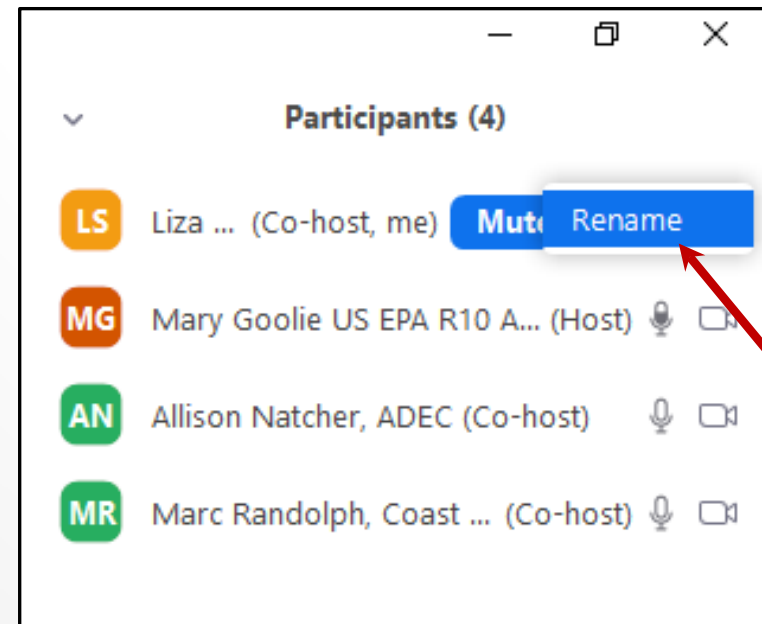
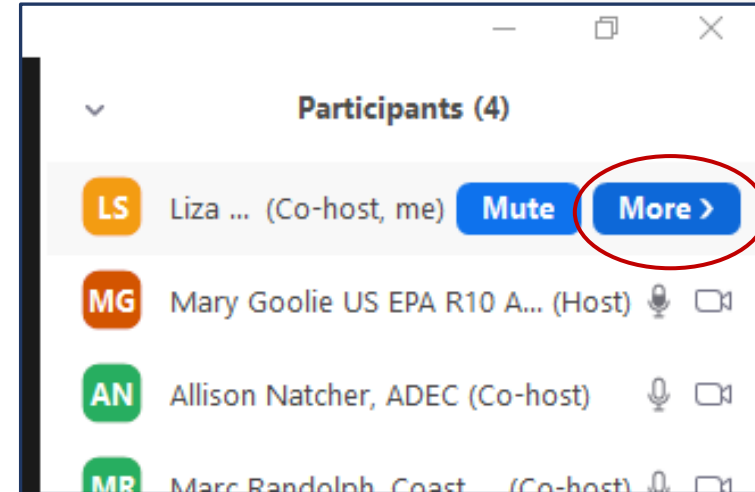
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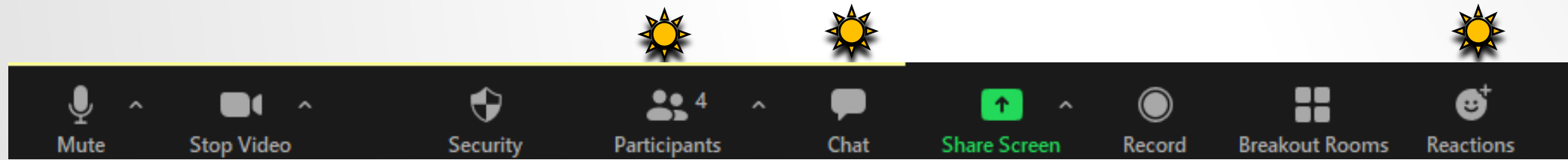
Tips: Using Zoom

- Change your name to, FULL NAME and AGENCY

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



ZOOM TIPS: RAISE HAND AND CHAT



ARRT 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 **INTRODUCTIONS AND REVIEW ACTIONS
SINCE LAST MEETING**

9:40 **ARRT COMMITTEE REPORTS (10 Minutes Each)**

10:40-10:50 BREAK

10:50 **AREA COMMITTEE REPORTS (10 Minutes Each)**

11:30 **LUNCH (Until 1:00)**

INTRODUCTIONS & REPORT FROM TRI-CHAIRS



Alaska Regional Response Team



MEMBER ROLL CALL

ARRT Coordinators will facilitate ARRT member and FOSC/SOSC roll call.

For other attendees and members of the public, and attendee list will be based on Participant Names



New Members, OSCs, Area Planners



CAPT Stanley Fields, Sector Southeast FOSC USCG

Gina Winters, Sector Western Alaska Area Planner

Julie Liford-Parker, ADEC Area Planner

SINCE LAST MEETING (March 2024)

Alaska Regional Response Team

- May 2024 - ARRT Activation for MP 231 bioremediation agent request
- Regional Stakeholder Committee Job Aids - public comment with the Arctic Western Alaska Area Contingency Plan update Jan 2025
- ARRT Tribal Task Force - initiated updates on the *ARRT and Alaska Area Committees Guidelines for Coordination and Consultation with Federally Recognized Tribes*

ARRT Staffing Changes

USCG

- CDR McFerran – Acting ARRT Tri-Chair
- CAPT Fields – FOSC/COTP SE Alaska
- Gina Winters – AWA Planner

ADEC

- Julie Liford-Parker – Area Planner

EPA

- None

Other Goings On

- EPA Clean Water Act Hazardous Substance Facility Response Plan rule finalized, effective May 28, 2024
- Sept 4 – 6 ADEC, USCG, and EPA RRT Coordinators/Planners meeting regarding the new USCG ACP template requirement
- Western Alaska Oil Spill Planning Criteria Program updates

ALASKA REGIONAL RESPONSE TEAM COMMITTEES



Alaska Regional Response Team





CULTURAL RESOURCES COMMITTEE
WILDLIFE PROTECTION COMMITTEE
PRIBILOF ISLANDS WORKING GROUP

Cultural Resources Committee (CRC)

- Revision of the *Alaska Historic Properties Implementation Guidelines for Federal On-Scene Coordinators* is moving forward
- Introduction & Laws/Regulations Subcommittee met 3 times to work on content revisions
- Additional subcommittees to convene in fall 2024 – spring 2025
- Next full CRC meeting – TBD, likely early 2025

Wildlife Protection Committee (WPC)

- Future work is a substantive revision of the *Wildlife Protection Guidelines for Oil Spill Response in Alaska* (WPG)
- Core agency group met twice to discuss timeline and content of revisions
- Core agency group includes:
 - Alaska Department of Environmental Conservation
 - Alaska Department of Fish & Game
 - National Oceanic and Atmospheric Administration (NOAA)
 - National Marine Fisheries Service (NOAA Fisheries)
 - U.S. Department of Agriculture - APHIS
 - U.S. Department of the Interior
 - U.S. Fish & Wildlife Service
- Next full WPC meeting – TBD

Contact Information

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SHPO: judy.bittner@alaska.gov

USFWS: bridget_crokus@fws.gov





SCIENCE AND TECHNOLOGY COMMITTEE REPORT

COMMITTEE MEMBERS

- Liza Sanden (DOC/NOAA)
 - liza.sanden@noaa.gov
- Heather Parker (DOD/ Navy)
 - heather.a.parker.civ@us.navy.mil
- Sara Benovic (DOD/ Navy)
 - sara.l.benovic.civ@us.navy.mil
- Mike Donnellan (ADEC)
 - mike.donnellan@alaska.gov

NATIONAL RESPONSE TEAM SCIENCE & TECHNOLOGY PROJECTS

2 Official Projects

- Updating SMART Protocols for Dispersants and In Situ Burning (priority)
- Updating old fact sheets (as time allows; 16 fact sheets, average age 20 years old.)

No new projects for FY2025; though tracking:

- Developing & hot topics: emerging fuels, pre-production plastic pellets (aka "nurdles), and UAS/remote sensing
- Potential Project: FAQs for SMART/Subpart J Monitoring currently on hold until EPA regulatory folks have time to work on it.
- RRT-5 is doing a modeling guide focused on pollutant releases to water.



STATEWIDE PLANNING COMMITTEE

Statewide Planning Committee members

ARRT Coordinators

- **EPA:** Mary Goolie
- **USCG D17:** Angella Gebert
- **ADEC:** Ytamar Rodriquez

USCG Area Secretaries and ADEC/EPA Area Planners

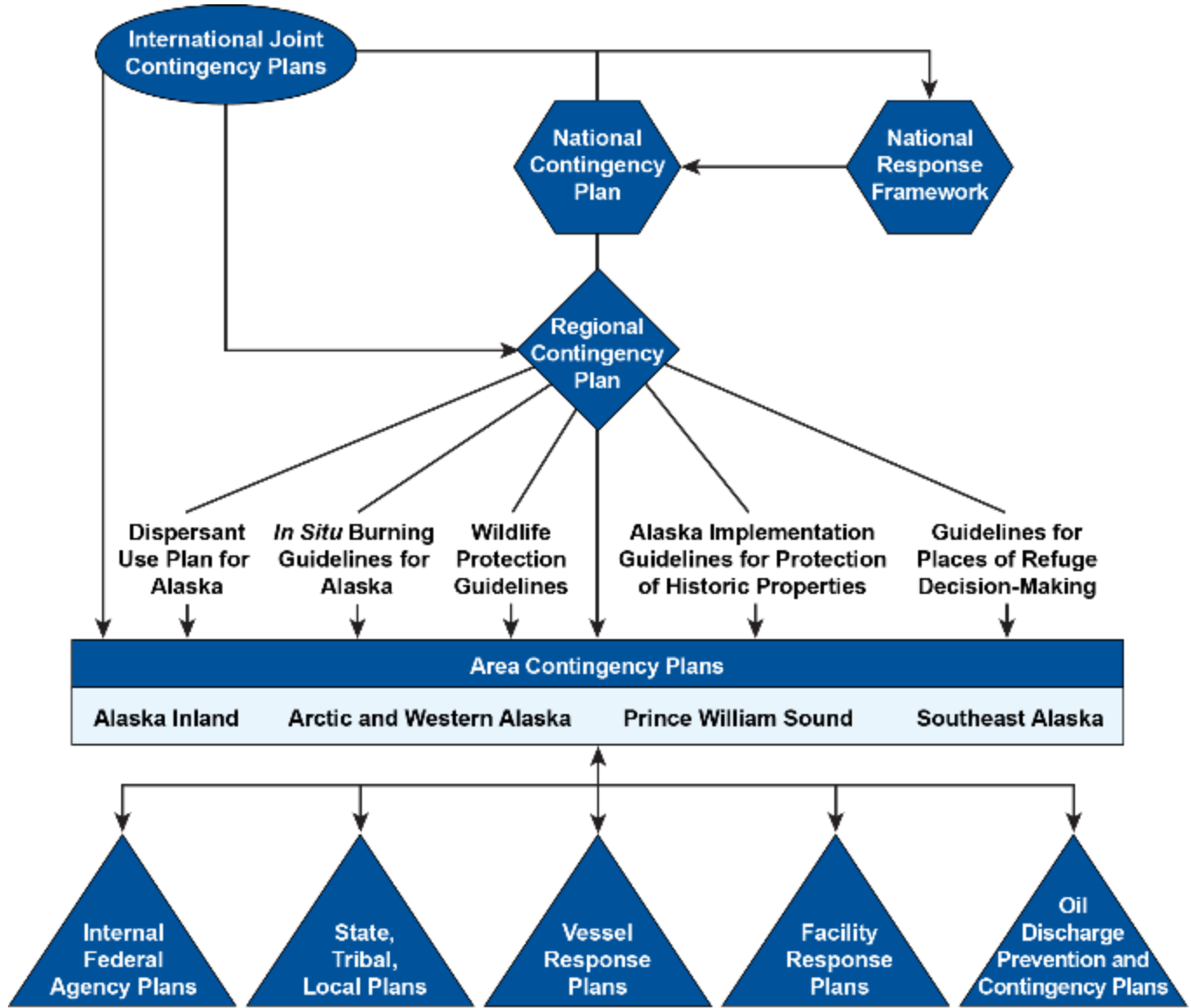
- **USCG PWS:** LT Shelby Frasca & Andy Watland
- **USCG SEAK:** LT Lindsay Wheeler
- **USCG AWA:** CDR JoEllen Arons & Gina Winters
- **ADEC:** Julie Liford-Parker
- **EPA:** Mary Goolie

Statewide Planning Committee Activity

- Monthly SPC Meetings
- Upcoming ACP Reviews: Arctic Western Alaska ACP
- Outreach: Bi-Monthly announcement email & quarterly newsletter
- Recommending & and coordinating ADEC and ARRT Website Updates
- Held September workshop for the SPC members to look at the new USCG ACP template

Overall: Interagency coordination of planning efforts

Plan Relationships



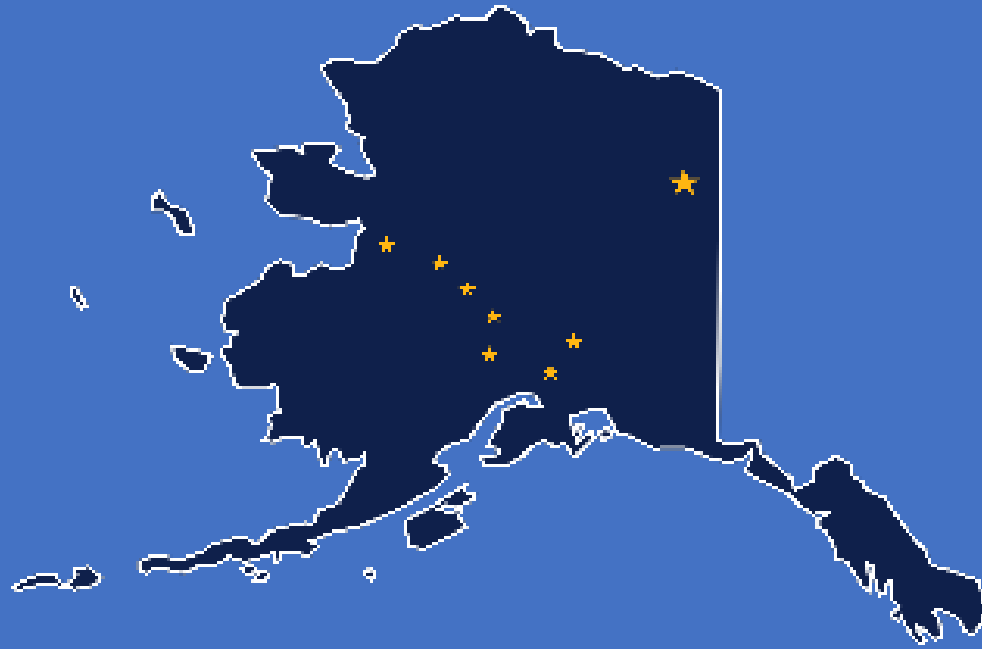
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Regional Contingency Plan

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

Area Contingency Plan

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





REGIONAL STAKEHOLDER COMMITTEE TASK FORCE

RSC Task Force

Task Force Initiated by ARRT Tri-Chairs 2/17/2022

Task Force Members

- Environmental Protection Agency
- United States Coast Guard
- Alaska Department Environmental Conservation
- Native Village of Eyak
- Chickaloon Village Traditional Council
- Aleutian Pribilof Islands Association
- Prince William Sound Regional Citizens Advisory Council (RCAC)
- Cook Inlet RCAC
- Alaska Clean Seas
- Crowley Marine
- Alyeska Pipeline Service Co.
- Hilcorp Alaska LLC

Task Force Meeting History

- 04/16/2024
- 2/28/2024
- 1/17/2024
- 9/5/2023
- 7/25/2023
- 6/14/2023
- 4/28/2023
- 2/21/2023
- 1/24/2023
- 12/20/2022
- 11/30/2022
- 11/15/2022
- 9/27/2022
- 8/2/2022

RSC Task Force

Deliverables (under development)

- Liaison Officer Job Aid
- Regional Stakeholder Committee (RSC) Member Job Aid
- Updated Definitions for RSC and Regional Citizens Advisory Council (RCAC)
- Updated RSC content/language for Area Contingency Plans and the Regional Contingency Plan

What's Happening Now/What's Next

- Tri-Chair completed review for all deliverables
- Public Review (2025 with the Arctic Western Alaska ACP Public Review)



Contact us:

Alaska Regional Response Team Coordinators

Mary Goolie – EPA

goolie.mary@epa.gov

Angella Gebert – USCG

angella.r.gebert1@uscg.mil

Ytamar Rodriguez – ADEC

Ytamar.rodiguez@alaska.gov





TRIBAL COMMITTEE TASK FORCE

Tribal Task Force

Task Force Initiated by ARRT Tri-Chairs March 2023

Task Force Members

- Environmental Protection Agency
- United States Coast Guard
- Alaska Department Environmental Conservation
- Native Village of Napaimute
- Chickaloon Village Traditional Council
- Aleutian Pribilof Islands Association
- Kawerak
- Department of the Interior
- Federal Emergency Management Agency
- Department of Defense/Navy
- Department of Transportation

Task Force Meeting History

- 06/12/2024
- 04/16/2024
- 02/13/2024

Proposed Tasking from the ARRT Tri-Chairs

1. Review Article VIII of ARRT Charter.
2. Review Presidential Memoranda of January 26, 2021 and November 30, 2022.
3. Review current guidance and other relevant law, regs, policies and documentation.
4. Make recommendations re:
 - a. Edits to current guidance
 - b. Inclusion of DOI guidance re. ANCSA Corporations
 - c. Adopting new approaches & technologies for better outcomes
 - d. Establishing a permanent ARRT Tribal Affairs committee and identifying committee goals
5. Produce/present report to ARRT full membership.

Contact us:

Alaska Regional Response Team Tribal
Task Force Co-Chairs

Mary Goolie – EPA

goolie.mary@epa.gov

CDR Jim McFerran– USCG

james.c.mcferran@uscg.mil





BREAK

Please Don't Forget to
SIGN IN



ALASKA REGIONAL RESPONSE TEAM AREA COMMITTEE REPORTS



Alaska Regional Response Team





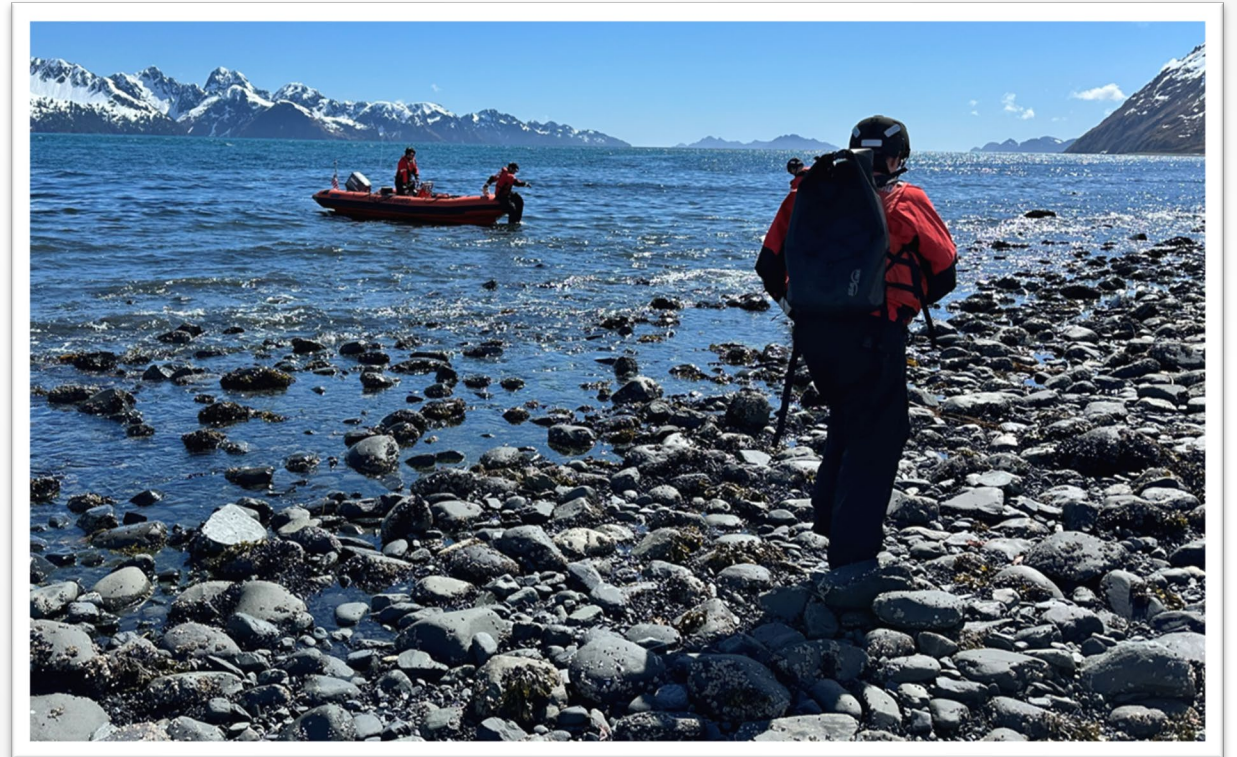
ARCTIC AND WESTERN ALASKA AREA COMMITTEE

REPORT TO ALASKA REGIONAL RESPONSE TEAM
11-12 SEPTEMBER 2024

AREA COMMITTEE UPDATE

Notable initiatives:

- Geographic Response Strategy Progress
 - Ongoing Tier 1 and 2 Field in conjunction with UAS Validations throughout Western Alaska Region
 - Kodiak
 - Seward
 - Bristol Bay
 - Kotzebue
 - Utqiagvik
 - North Slope
 - Streamlined approval process through FOSC/SOSC



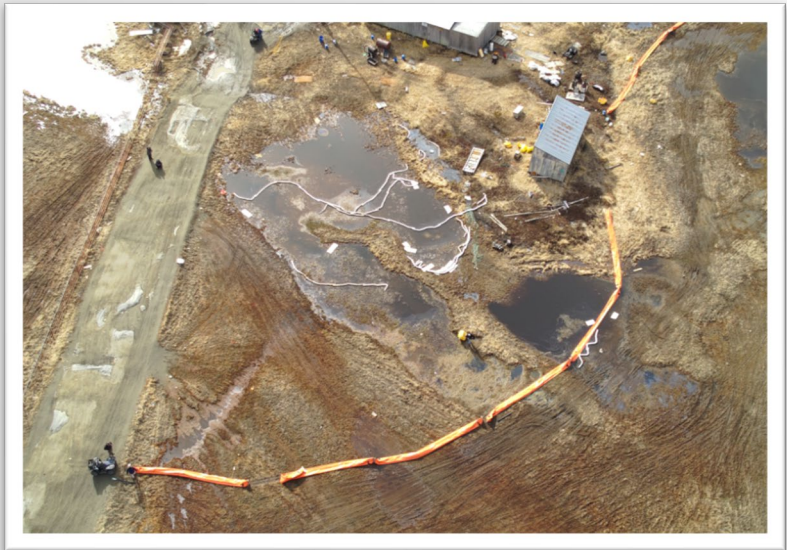
AREA CONTINGENCY PLAN UPDATE

- Held statewide workshop 4-6 September to commence ACP revision per CG-MER guidance. Project 80% complete.
- Integrating BSEE Offshore Coastal Zone Area Contingency Worst Case Discharge project.
- Reinvigorated Intentional Wellhead Ignition & UAS protocols workgroups to implement updates to annexes.
- **Anticipate public comment in January 2025**

CASE SUMMARY – KWIGILLINGOK INC



- On February 8, 2024, Kwig Inc discharged 8,000 gallons of diesel fuel from a storage tank when a valve was left open after a transfer.
- The diesel impacted the tundra (all on land) approximately 200' away from the Kwigillingok River.
- USCG hired Resolve Marine. Heaters were utilized to melt and funnel the contaminated snow to a collection area for manual recovery.
- During the spring thaw, bird hazing and deterrents were implemented to protect wildlife habitats.
- Response operations ceased and demobilized on May 31.
- 425 pounds of contaminated sorbent materials were incinerated in the smart ash burner and 1,575 gallons of product were collected.



CASE SUMMARY – TUG NANUK III



- On June 20, 2024 approximately 200 gallons of oily waste was discovered discharged from a 58' derelict towing vessel in the old gravel pit in Utqiagvik.
- The discharge impacted the ground and pooled under and around the vessel 20' away from an inlet to the Chuckchi Sea.
- 22 drums of oily water recovered from the ground and tanks within the vessel.
- The North Slope Borough was the RP and continues to address the contaminated sediments.

SPECIAL ANNOUNCEMENTS

- Current & Upcoming Exercises/Engagements:
 - 10-11 Sep – Base Kodiak Tsunami IMT (Kodiak)
 - 23-26 Sep - Red Dog IMT and Boom Deployment (Red Dog Mine)

Next Area Committee Meeting: November 6th 2024 UAA Gorsuch Commons

AREA COMMITTEE REQUESTS FOR ARRT

- Support for continued tribal engagement and Western AK Planning Criteria Support.
- Backing for continued improvement of GRS/GIS data management.
- SME recommendations to stand-up SMFF Task Force under Area Committee construct

AREA COMMITTEE CONTACTS

ADEC Area Planning website:
<http://alaska.gov/go/7EKN>

Contact us:

Julie Liford-Parker
Julie.Parker@alaska.gov

CDR JoEllen Arons
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Gina Winters
Gina.m.winters@uscg.mil





PRINCE WILLIAM SOUND AREA COMMITTEE

Report to Alaska Regional Response Team
September 12, 2024

Andrew Watland
Julie Liford-Parker

Andrew.M.Watland2@uscg.mil
Julie.Parker@alaska.gov

PWS COMMITTEE UPDATE

Notable initiatives within the Prince William Sound Area Committee:

- Last Steering Committee Meeting:
July 22nd, 2024, Valdez AK
- Next Area Committee Meeting:
October 8th, 2024, Cordova AK
- Copper River Delta GRS Subcommittee Working Group Meeting
October 8th, 2024, Cordova AK
- Upcoming exercise dates:
PWS Shippers Drill, Andeavor/Marathon Petroleum October 15-17th 2024 (Valdez SERVS VEOC)

AREA CONTINGENCY PLAN UPDATE

- Current Version (2020.1) signed 1/9/2023
- Plan updates:
 - ACP Template Workshop September 4-6th 2024, Anchorage
 - ACP currently going through updates, it will be available for the ACP workshop.
 - GRS/GIS Sites are under validation. Scheduled project after AWA and SEAK are complete.

CASE SUMMARY/ ENFORCEMENT

- Humpback Whale entanglement Port of Valdez
 - July 3rd reports came in via Stan Stephens Wildlife Cruise to NOAA Alaska Marine Mammal Stranding Hotline of a whale entangled with line in PWS. USCG launched a boat crew to monitor, pass information and photographs. PWS RCAC notified tanker companies and Alyeska. July 4th NOAA large whale entanglement experts arrived in Cordova. USCG picked them up and worked together to free the whale. Stan Stephens WL&GC transported NOAA to Whittier for departure. This was a Port Community effort in response.
- Tarlike Substance in Old Town Valdez
 - ADEC received a report of tarlike substance. Upon investigation, along with City of Valdez, it could be from an old asphalt tank farm that existed pre-1964 earthquake. Excavation was done by Public Works. City of Valdez is taking samples to determine the exact product and next steps in clean up.



SPECIAL ANNOUNCEMENTS

New Personnel

- Julie Liford-Parker (ADEC)
 - Interagency Coordination
 - JPO Liaison
 - Area Planner

- LCDR Kahi Kaaua (USCG)
 - Marine Safety Unit Valdez - Executive Officer



AREA COMMITTEE NEEDS FOR ALASKA RRT SUPPORT

- Continued support for GRS/GIS project

AREA COMMITTEE CONTACTS

ADEC Area Planning website:

<http://alaska.gov/go/7EKN>

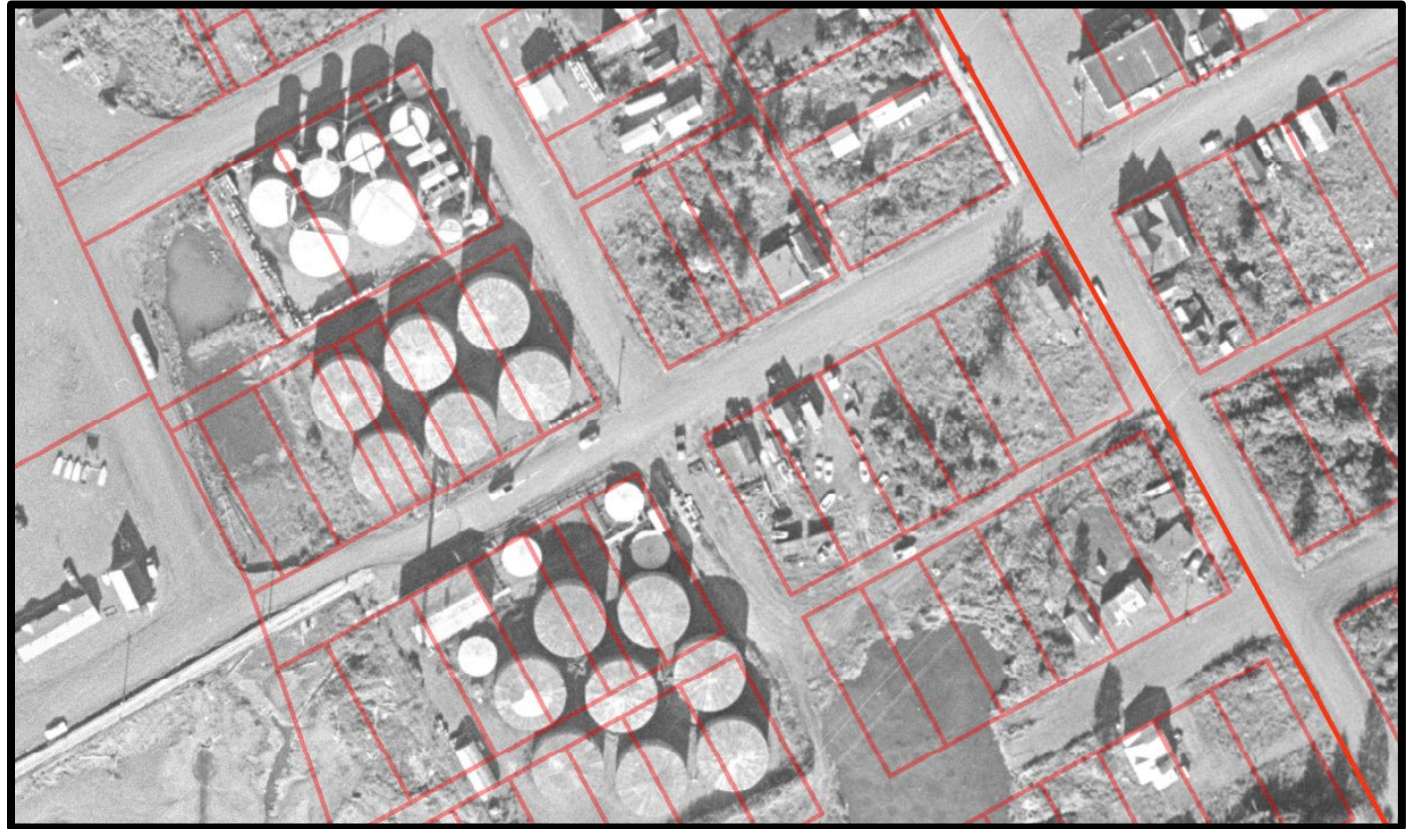
Contact us:

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Julie.Parker@alaska.gov



Pre-1964 photo, Old Town Valdez Tank Farm, AK

SOUTHEAST ALASKA AREA COMMITTEE

Report to Alaska Regional Response Team
12 September 2024

Rachael Krajewski, ADEC
LT Matt Naylor, USCG



AREA COMMITTEE UPDATE

Notable initiatives within the SEAK Area Committee:

- Continue to conduct annual GRS validations
 - Recent validation/exercise conducted April 2024 in Sitka
 - Next GRS validation/exercise in early planning stages; planning for 2025 in Glacier Bay National Park
- Monitor status of GRS to GIS conversions across Alaska; offer support to AWA as needed
- TTX conducted July 2024 in Juneau with NOAA SSC support
 - Discussed response to potential landslide in downtown Juneau
- Updating SEAK ACP IAW new Coastal Zone ACP Architecture
- Next AC Meeting: 17 October in Ketchikan



GRS VALIDATION/TACTICS EXERCISE APRIL 2024 - SITKA, AK

- Area Committee led effort to jointly conduct ICS training, ETS deployment practice, GRS validation, and tactics exercise at Starrigavan Bay, Sitka, AK
- 30+ participants from ADEC, USCG, ADF&G, Sitka Tribe, SEAPRO, Integrity Environmental, & Delta Western
- Major hands-on activities included boom handling and deployment, UAS deployment, ETS sling load practice, and ICS IAP development



INTERNATIONAL OIL SPILL CONFERENCE

- Convened 13-16 May in New Orleans, LA
- Dozens of countries attended representing 6 continents
- Rachael Krajewski (ADEC), Dave Owings (SEAPRO), and Matt Naylor (USCG) represented SEAK AC at the conference
 - Rachael Krajewski recognized as part of small group of "Emerging Leaders" at the conference
- Attended various small group sessions highlighting new oil response technologies and methods
- Excellent opportunity for networking
- Next IOSC is in Savannah, GA in 2027

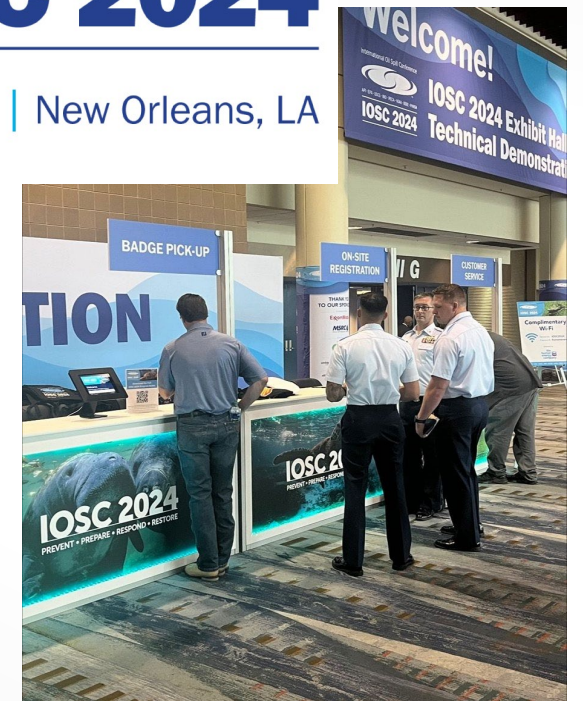
International Oil Spill Conference



API • BSEE • IMO • IPIECA • NOAA • PHMSA • USCG • USEPA

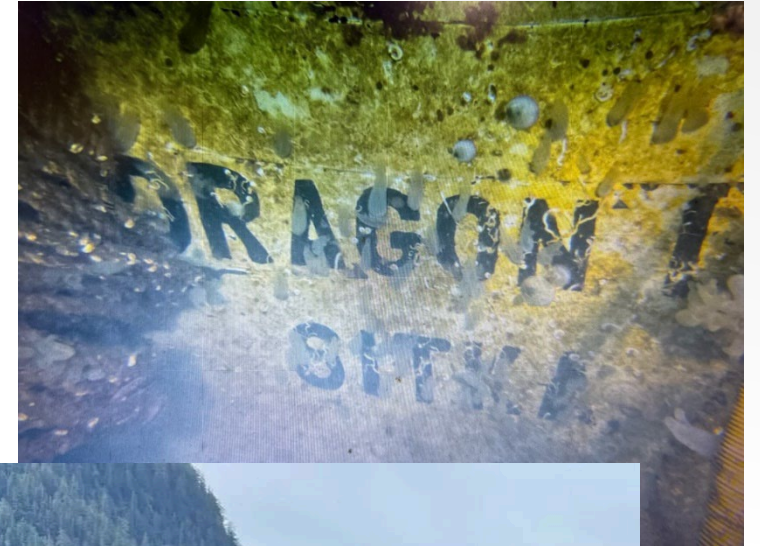
IOSC 2024

May 13-16 | New Orleans, LA



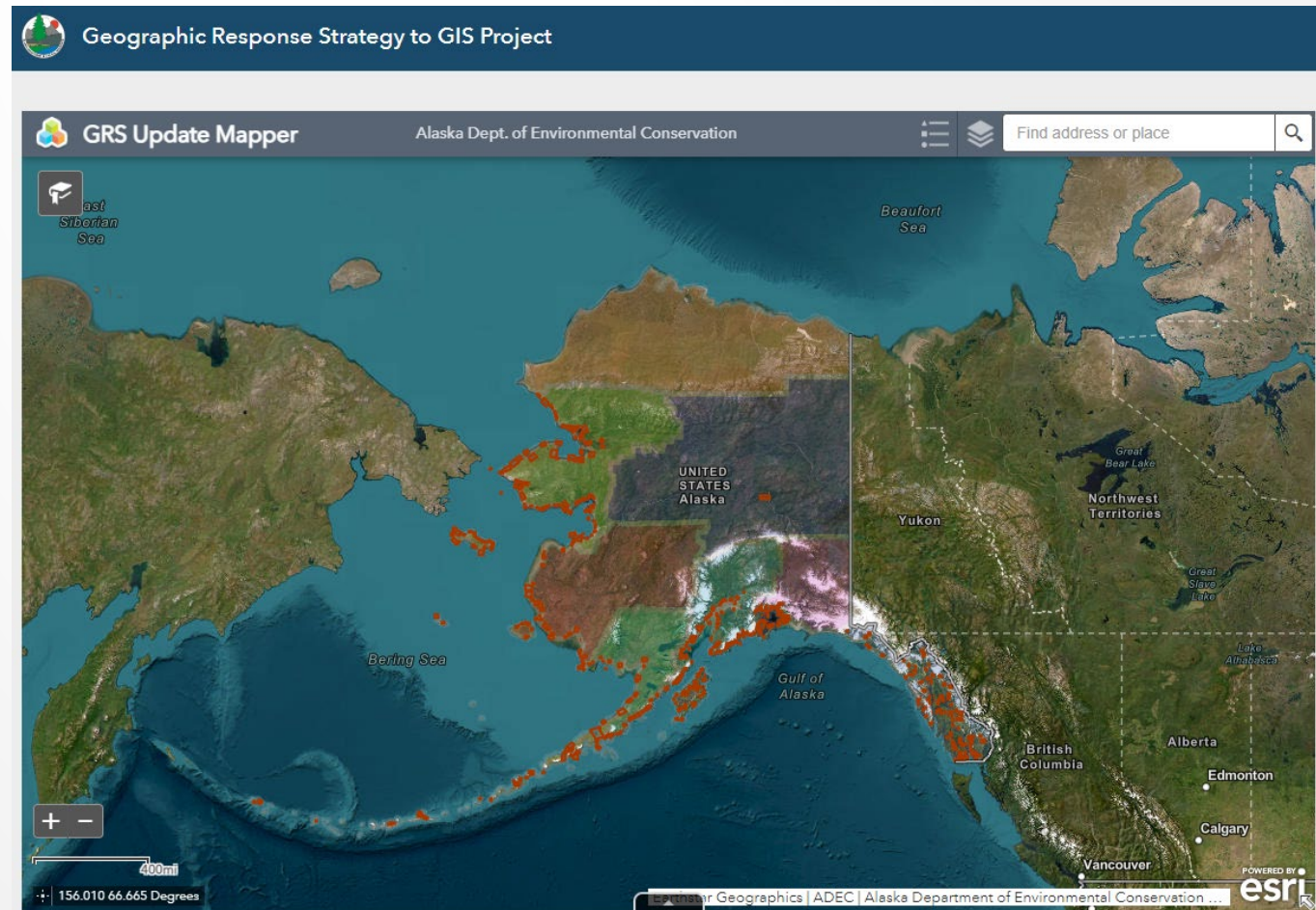
CASE SUMMARY: M/V DRAGON LADY

- On 9 June 2024, USCG & ADEC were notified that a mariner in Herring Bay, Sitka, AK, discovered a sheen pooling underneath their vsl while attempting to retrieve anchor
- Anchor hooked on sunken 80-ft vsl DRAGON LADY, believed to have sunk some time in 2020 w/ max potential of 2000 gal oil products (mostly diesel); reported 100-200 gal likely onboard
- Owner never reported vsl sinking and claimed vsl had been sold
- Response focused on containing sheen and removing oil products from vsl; opened OSLTF for \$60k and deployed 500 ft of boom
- Orientation of vsl prevented safe method of stinging tanks; instead plugged all vents, tanks, and openings; no further sheening reported



AREA COMMITTEE NEEDS FOR ALASKA RRT SUPPORT

- Continued support for transition of GRS products to GIS format; SEAK AC is standing by to help as needed
- USCG Sector SEAK in process of hiring replacement Emergency Management Specialist; new hire's role will be to assist with review and updates for SEAK ACP



AREA COMMITTEE CONTACT

ADEC Area Planning website:
<http://alaska.gov/go/7EKN>

Area Secretary:
LT Lindsay Wheeler, USCG
lindsay.m.wheeler@uscg.mil

ADEC Contact:
Rachael Krajewski
rachael.krajewski@alaska.gov



July 2024: Response to sunken vsl AHL, Juneau, AK



ALASKA INLAND AREA COMMITTEE

AREA COMMITTEE UPDATE

Working Groups Sponsored by AK Inland Area Committee

- **Administrative:** AK Inland ACP public comment closed 8/9/2024
- **In Situ Burning: Task Completed.** ISB Decision-Making Checklist posted on ADEC website. Checklist will be incorporated into 2024 ACP
- **Hazardous Substance Response:** Task Update ACP Chapter 7000 & HazSub Job Aid. *On Hold*
- **Response Logistics:** Task Update Chapter 5000 Logistics & Logistics Job Aid. *On Hold*

AREA CONTINGENCY PLAN UPDATE

Version 2020.1 approved March 2021

Public Review Period concluded August 9, 2024

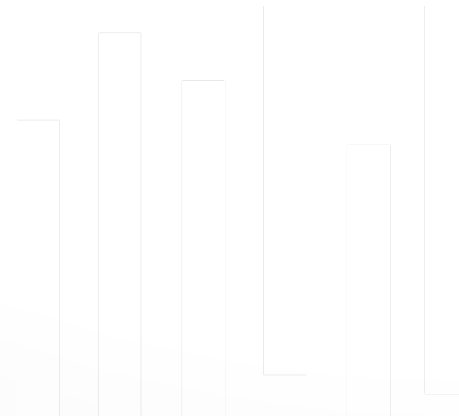
2024 Tasks: Annual Review Kick off at March 6
Area Committee/ Admin Subcommittee meeting

Focus of Modifications:

Incorporate applicable changes made in AWA
and PWS ACPs

Incorporate products of ISB Working Group

*Contact Mary Goolie (goolie.mary@epa.gov) and
Julie Liford-Parker (julie.parker@alaska.gov) with
proposed plan modifications or to be on the AK
Inland Admin Subcommittee*





CASE SUMMARY – FORMER NABESNA MINE REMOVAL SITE EVALUATION SITEWALK

- July 10, 2024
- Historic goldmine that operated between the 1930's – 1940's. An estimated 13,330 cubic yards of highly contaminated arsenic and lead tailings remain on site.
- Sitewalk with EPA and NPS to determine feasibility for a removal site evaluation/non-time critical removal, to include evaluation of repairs to road, siting for contaminated media repository, and community stakeholder outreach.

CASE SUMMARY – MP77 DALTON HIGHWAY TANKER TRUCK ROLLOVER



- April 21, 2024
- Estimated 9,600 gallons of unleaded gasoline discharged adjacent to the Alyeska Pipeline Service Company (APSC) pipeline, entering un-named tributary of approximately 20 miles north of the Yukon River
- Unified Command established with ADEC, EPA, and PRP. Stakeholders included ADOT & BLM as landowners, and APSC as adjacent land-user, and resource trust agencies as subject matter experts
- Trying to maximize clean up while minimizing damage to native soil, underlying permafrost, and sediment-loading of tributary

CASE SUMMARY – MP 231 PARKS HWY DIESEL RELEASE

- November 25, 2023
- An estimated 115 gallons of diesel released from truck saddle tank due to vehicle accident on bridge crossing Nenana River
- Contamination was across ADOT road prism and down the embankment. Cleanup was hindered due to lack of cooperation or action by PRP. Later soil removal was constrained due to bridge pilings
- Release managed by ADEC PPR Northern Region
- Activation of ARRT to review RP request for in-situ treatment using biological cleanup product. Request was denied due to potential ecological impacts to Nenana River and lack of demonstrable efficacy of proposed product.



SPECIAL ANNOUNCEMENTS

- Proposing Capacity Building Outreach and Training-
Coordinated by EPA, ADEC
- Removal site evaluations at former Utica & Nabesna
mine sites
- Future focus discussions on lithium-ion battery
preparedness and response in Alaska
- Upcoming exercises
 - 10/3 Alyeska Tiekel River
 - 10/23 Conoco Philips Kuparuk River Crossing



AREA COMMITTEE CONTACTS

ADEC Area Planning website:

<http://alaska.gov/go/7EKN>

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Kimberley Maher, 2024



LUNCH



Please
SIGN IN

Meeting will restart at 1:00 PM (AKST)

- If you want to offer a public comment, sign up in “Chat” or the sign-up sheet located in the room
- **Must sign up by the end of this lunch break.**

New This RRT Meeting. Please complete the Sept 2024 Alaska RRT Survey. Comments will be sent anonymously, unless you provide your name. Submissions are sent to the Alaska RRT Coordinators: Ytamar, Mary and Angella. Link is also in our newsletter!

<https://lp.constantcontactpages.com/sv/QNsik34>



WELCOME BACK

Member sign in



RRT Survey



www.AlaskaRRT.org

AFTERNOON AGENDA

1:00 **Subpart J Presentation (30 Minutes)**

1:30 **HAZMAT Weather Support (45 Minutes)**

2:15-2:30 BREAK

2:30 **Western Alaska Oil Spill Planning Criteria Program
Update (30 Minutes)**

3:00 **Navy SUPSALV Key Bridge and EMMS Capabilities (30
Minutes)**



SUBPART J PRESENTATION

National Oil and Hazardous Substances Pollution Contingency Plan (NCP)

Amendments to Subpart J *Product Schedule Listing and Authorization of Use*

ALASKA RRT – SEPTEMBER 12, 2024

Disclaimer: This presentation provides information on relevant statutes and regulations, and is not itself a regulation. In the event of any conflict between this presentation and applicable statutes or regulations, the applicable statutes or regulations control.



Statutory Authority - CWA 311(d)(2)(G) as amended by the Oil Pollution Act

- CWA 311(d)(2)(G): Prepare a “schedule” identifying:
 - dispersants, other chemicals, and other spill mitigating devices and substances, if any, that may be used in carrying out the NCP,
 - the waters in which they may be used, and
 - the quantities which can be used safely in such waters
- EO 12777 delegates 311(d)(2)(G) to the EPA Administrator and implemented under Subpart J of the NCP
- NCP Subpart J governs the use of dispersants, and any other chemical or biological agent to respond to oil discharges, irrespective of OSC jurisdiction.



Rulemaking Background

- EPA proposed revisions in the Federal Register (FR) on January 22, 2015 (80 FR 3383), including testing and listing, authorization, and monitoring requirements
 - Received over 81,000 total comments.
- Dispersant monitoring requirements were published in the FR on July 27, 2021 (86 FR 40234).
 - Effective: January 24, 2022
- Testing, listing, and authorization requirements were published in the FR on June 12, 2023 (88 FR 38280).
 - Effective: December 11, 2023
- Final actions address recommendations relevant to Subpart J from the DWH Oil Spill Commission and EPA Inspector General Reports



Listing/Authorization of Use Final Rule

Amends the regulatory requirements for chemical and biological agent testing/listing and authorization of use provisions for the NCP Subpart J.

- Encourage development of safer and more effective spill mitigating products through expanded data and testing requirements, including listing thresholds.
- Better target the use of these products to reduce the risks of oil spills and response technologies to human health and the environment.
- Along with the monitoring rule, ensure that On-Scene Coordinators (OSCs), Regional Response Teams (RRTs), and Area Committees (ACs) have sufficient information to better inform an assessment of the overall ecological risks that can support chemical and biological agent authorization of use decisions.



Definitions and Subpart J General Authorities

(§§ 300.5 & 300.900)



Definitions and General Authorities

- **Subpart J-related Definitions** (§ 300.5) - Updates provisions to reflect new and amended regulatory definitions.
 - *Amends* definitions for Bioremediation agents, Burning agents, Chemical agents, Dispersants, Sinking agents, Sorbents, and Surface washing agents.
 - *New* definitions for Bioaccumulation, Bioconcentration, Biodegradation, Biological agents, Bioremediation, Herding agents, Products, and Solidifiers.
 - *Removes* definitions for Miscellaneous Oil Spill Control Agents (MOSCA) and Surface collecting agents.
- **General Authorities.** (§ 300.900)
 - Updates provisions addressing Subpart J regulatory scope.



***Listing Products on the NCP Product Schedule
or Sorbent Product List
(§§ 300.915 - 300.970)***



Listing Products on the NCP Product Schedule or Sorbent Product List (§§ 300.915)

Specifies how the products will be listed on the NCP Product Schedule (NCPPS) or Sorbent Product List:

- Revises general product and technical information to support decision-making, including environmental impacts.
- Amends and clarifies Product Categories.
- Revises efficacy and toxicity testing protocols (Appendix C) and Listing Criteria, as applicable.
- Establishes product use limitations based on product testing for salt and/or freshwater environments.
- Establishes a non-proprietary Sorbent Product List.



Submission of Proprietary Business Information (PBI)

§ 300.950

- Establishes PBI reporting procedures and limitations.
 - Manufacturers may only assert PBI claims covering the: concentration, maximum, minimum, and average weight percent, and units of each component in the product as identified in § 300.915(a)(13) and (14).
 - All other submitted information will be available for public disclosure upon submission without further notice to the submitter.

Addition of a Product to the NCP Product Schedule or Sorbent Product List

§ 300.955

- Establishes the requirements for submitters to request a product to be listed on the NCP Product Schedule or the Sorbent Product List
 - Requirements to submit information on changes to a listed product
 - Establishes two-year transition period (December 12, 2025)



Mandatory Product Disclaimer

§ 300.965

- Revises the disclaimer language to include the sentence “Only a Federal On-Scene Coordinator (OSC) may authorize use of this product in accordance with Subpart J of the NCP in response to an oil discharge.”

Removal of a Product from the NCP Product Schedule or Sorbent Product List

§ 300.970

- Revises the removal process, and specifies, but does not limit, causes for removal from the NCP Product Schedule or Sorbent Product List.
- Revises the appeals process - Appeals process similar to the one set forth for listing determinations.



NCP Product Schedule and Technical Notebook

- NCP Product Schedule
 - Lists chemical and biological agent products that may be considered by a Federal On-Scene Coordinator (OSC) to authorize for use when responding to oil discharges in accordance with the NCP.
- NCP Product Schedule Technical Notebook
 - Presents manufacturer's summary information on the conditions under which each of the products is recommended to be used, including handling and worker precautions, storage information, recommended application procedures, physical properties, and toxicity, effectiveness, or other analyses.

<https://www.epa.gov/emergency-response/national-contingency-plan-subpart-j>



Authorization for Agent Use (§ 300.910)



Authorization for Agent Use

§ 300.910

- **Specifies how the products are authorized for use under the NCP.**
The final rule:
 - Reorganizes regulatory text and clarifies established EPA policy on planning and preauthorization responsibilities,
 - Prohibits the use of sinking agents,
 - Includes requirements for storage and use of agents,
 - Clarifies authorities for requiring supplemental testing, monitoring and information on agents,
 - Includes requirements for agent recovery from the environment, and
 - Provides OSC reporting requirements to the RRT and public.



Preauthorization of agents identified on the NCP Product Schedule or burning agents § 300.910(a)

- Preauthorization plan development, approval, and reviews
 - Developed by the Area Committees (ACs) or the RRT in consultation with the AC(s)
 - At a minimum, must specify quantities, duration of use, water depth, distance to shoreline, and proximity to populated areas.
 - Maintains current plan approval structure.
 - EPA and applicable State(s) representatives to the RRT
 - Department of Commerce & Department of Interior natural resource trustees
- Requires RRTs to address withdrawal of plan approval(s) and notify the NRT of the plan status within 30 days.
- Establishes plan review requirements.
 - On a regular timeframe, established by the RRT, and documented in the plan.
 - At a minimum, after a major discharge or Spill of National Significance (SONS), revisions of the NCP Product Schedule, new listings of relevant threatened and/or endangered species, that are relevant to the specific preauthorization plan.



Agent Use Not Addressed by a Preauthorization Plan § 300.910(b).

- Maintains current authorization structure
 - Concurrences from EPA and applicable State(s) representatives to the Regional Response Teams (RRTs)
 - Consultations with Department of Commerce & Department of Interior natural resource trustees.

Reserved (previously burning agents) § 300.910(c)

- Amends the regulatory text in § 300.910(a) and (b) to include burning agents.

Temporary Exception § 300.910(d)

- Only to prevent or substantially reduce an imminent threat to human life that cannot be immediately addressed otherwise;
- Use of agents no later than 24 hours after initial application must be in accordance with § 300.910(a) or (b).



Prohibited Agents or Substances

§ 300.910(e)

- Maintains the current prohibition for the authorization of use of sinking agents and has clarified that the prohibition applies to any chemical agent, biological agent, or any substance that is used to directly sink the oil to the bottom of a water body.

Storage and Use of Agents Listed on the NCP Product Schedule

§ 300.910(f)

- New requirements for authorization of products that are documented and certified by the responsible party or its representative to have been stored under conditions provided by the submitter.

Supplemental Testing, Monitoring, and Information

§ 300.910(g)

- Added flexibility for RRT to require supplementary toxicity and efficacy testing, or to request information that addresses site-, area-, or ecosystem-specific concerns relative to the use of product for both planning and authorization of use.



Recovery of Chemical Agents and Other Substances from the Environment § 300.910(h)

- Requires the RP to recover solidifiers, sorbents, and surface washing agents from the environment following their use.
- The RP shall ensure that removal actions adequately *contain, collect, store, and dispose*, unless otherwise directed by the OSC.

Reporting of Agent Use § 300.910(i)

- Requires the OSC to provide to the RRT certain information for the use of a chemical or biological agent within 30 days of completion of agent use.
- Requires the OSC to notify the public, and provide updates during a response, as appropriate



NCP - Appendix E & 40 CFR Part 110.4

(Appendix E & § 110.4)



Appendix E and 40 CFR Part 110

- Appendix E to Part 300 – Guidance on Oil Spill Response. Removes this appendix from the NCP.
- Discharge of Oil – 40 CFR 110.4. Revises the text to be consistent with the final Subpart J amendments.



Final Action Key Dates

- EPA Administrator Signature - May 31, 2023
- Published in the Federal Register - June 12, 2023 (88 FR 38280)
- Effective Date - December 11, 2023
 - For existing plans, RRTs should establish and document the timeframe for plan review and any necessary update
- NCP Product Schedule Transition Period Ends - December 12, 2025
 - Two years from the Effective Date
- Guidance Documents
 - Fact Sheets for the Monitoring Requirements
 - Oil Spill Emergency Response – Dispersant Monitoring Fact Sheets
 - NCP Product Schedule Listing – Under review





HAZMAT WEATHER SUPPORT

HAZMAT

WEATHER SUPPORT

REID WOLCOTT & STEVEN M.
REEDY

HAZMAT PROGRAM CO-LEADERS
NATIONAL WEATHER SERVICE - SEATTLE, WA





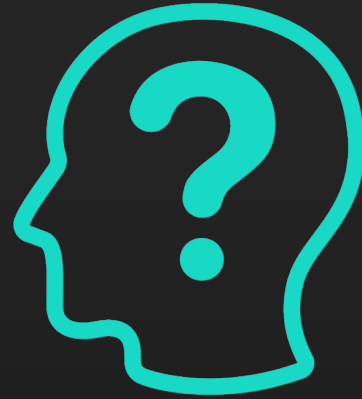
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National Weather Service

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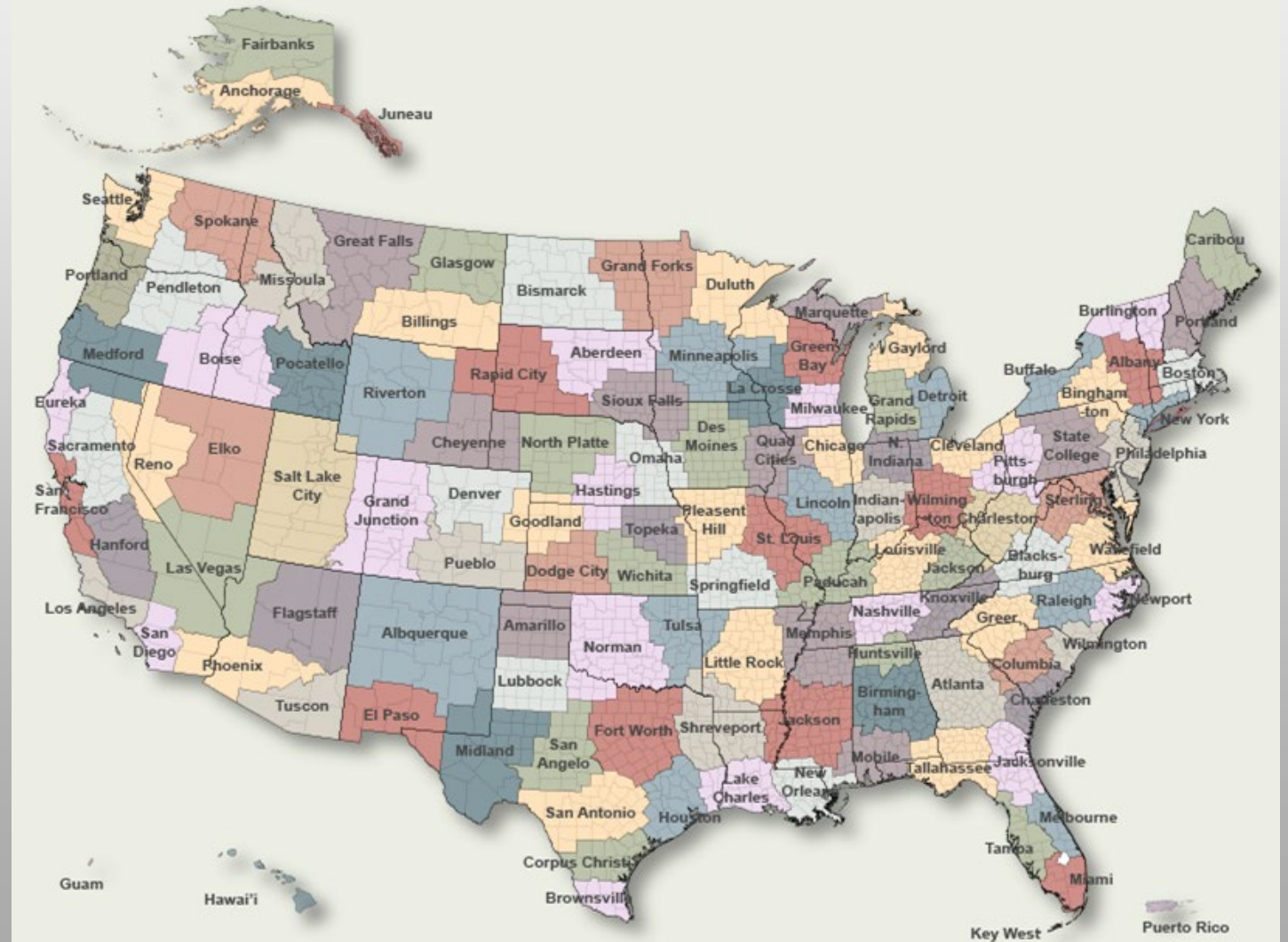
PLUME MODELS

122 | FORECAST OFFICES

21 | AVIATION OFFICES

13 | RIVER FORECAST CENTERS

8 | OTHER CENTERS



HAZMAT



National Weather Service

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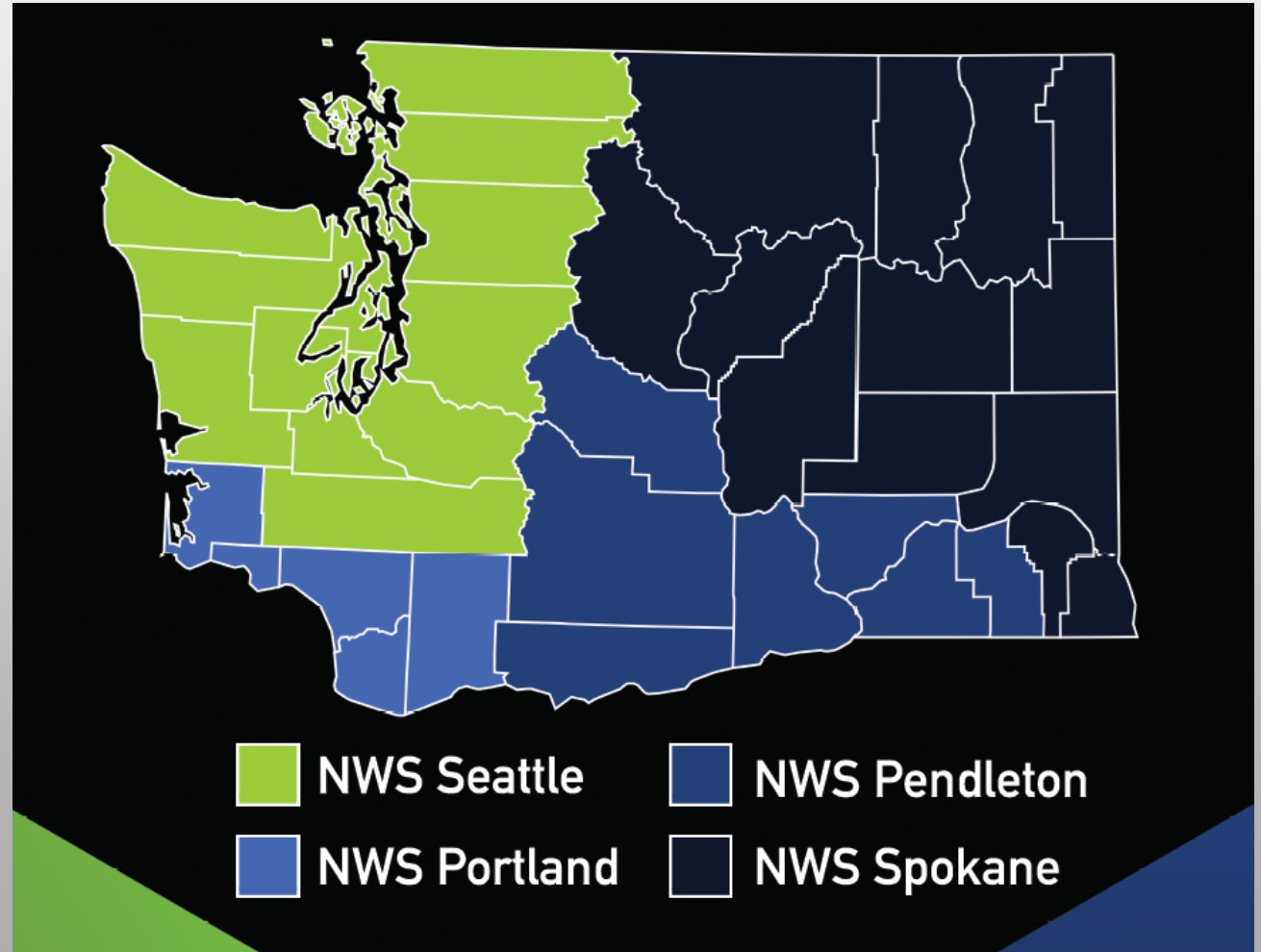
PLUME MODELS

122 | FORECAST OFFICES

21 | AVIATION OFFICES

13 | RIVER FORECAST CENTERS

8 | OTHER CENTERS



HAZMAT



NWS Seattle Operations

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24 | HOURS PER DAY

7 | DAYS PER WEEK

2 | METEOROLOGISTS ON DUTY PER SHIFT

19 | TOTAL METEOROLOGISTS ON STAFF



HAZMAT



Roles of NWS Meteorologists

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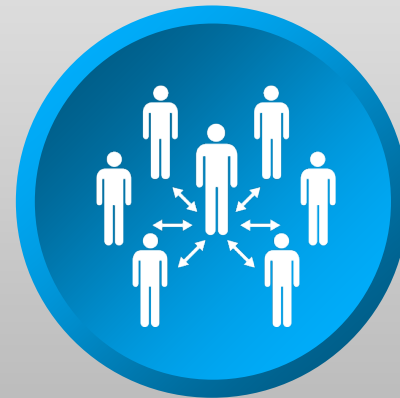
PLUME MODELS



FORECAST



WARNING



COORDINATE



RESEARCH



EDUCATE

HAZMAT



What NWS Can Provide

- Current atmospheric and marine conditions
- Forecasts: Surface, Marine, Aviation
- Dispersion Modeling
 - Smoke
 - Known and unknown substances
 - For ongoing and past events
- Available for briefings 24/7
- Assist in plume and weather interpretations for local effects

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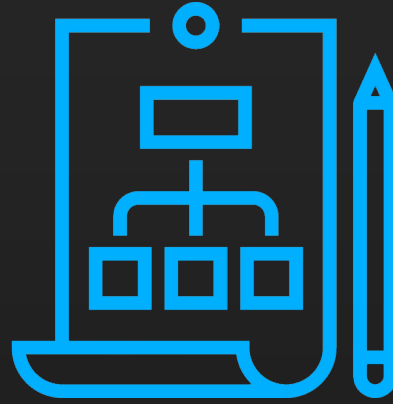
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Local HAZMAT Partners



LEPC Groups



CAER Groups



CBRNE Response Teams



Other First Responders

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Exercise Involvement



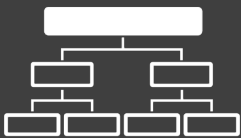
EAP Development



Exercise Development



Table Top Exercises



Full Scale Exercises





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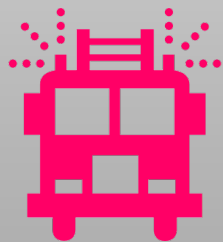


SHORT TERM: 0-30 Minutes



NWS Notification

- First Responders
- SEOC Notifications
- Media/Social Media
- Notification of local NWS FO Management



Initial Attack

- Current conditions at and near incident
- 1-3 Hour forecast conditions
- Size up incident & prepare for enhanced support

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MID TERM: 30-180 Minutes



Weather Support

- Frequent briefings on current & forecast weather
- Deploy personnel to EOC/ICP as needed
- Notify NWS Regional/National HQ



Plume Modeling

- Identify plume model based on incident parameters
- Gather intel regarding release
- Identify preferred output format

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LONG TERM: 180+ Minutes



Weather Support

- Frequent briefings on current & forecast weather
- Continue on-site EOC/ICP support as needed
- Coordinate with NWS Regional/National HQ



Local Interpretation

- Coordinate with national dispersion agencies
- Provide local expertise in interpreting national dispersion output

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Support Requests



Emergency 24/7 Support
(907) 266-5199



Non-Emergency Support
Coordination
Carrie Haisley
(907) 223-4680
carrie.haisley@noaa.gov

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Finding the Right Tool for the Job

- The National Weather Service offers **three** tools that allow users to receive a forecast based on an exact location:
 - *Activity Planner*
 - *Spot Forecasts*
 - *Email Briefings*

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Point & Click/Activity Planner

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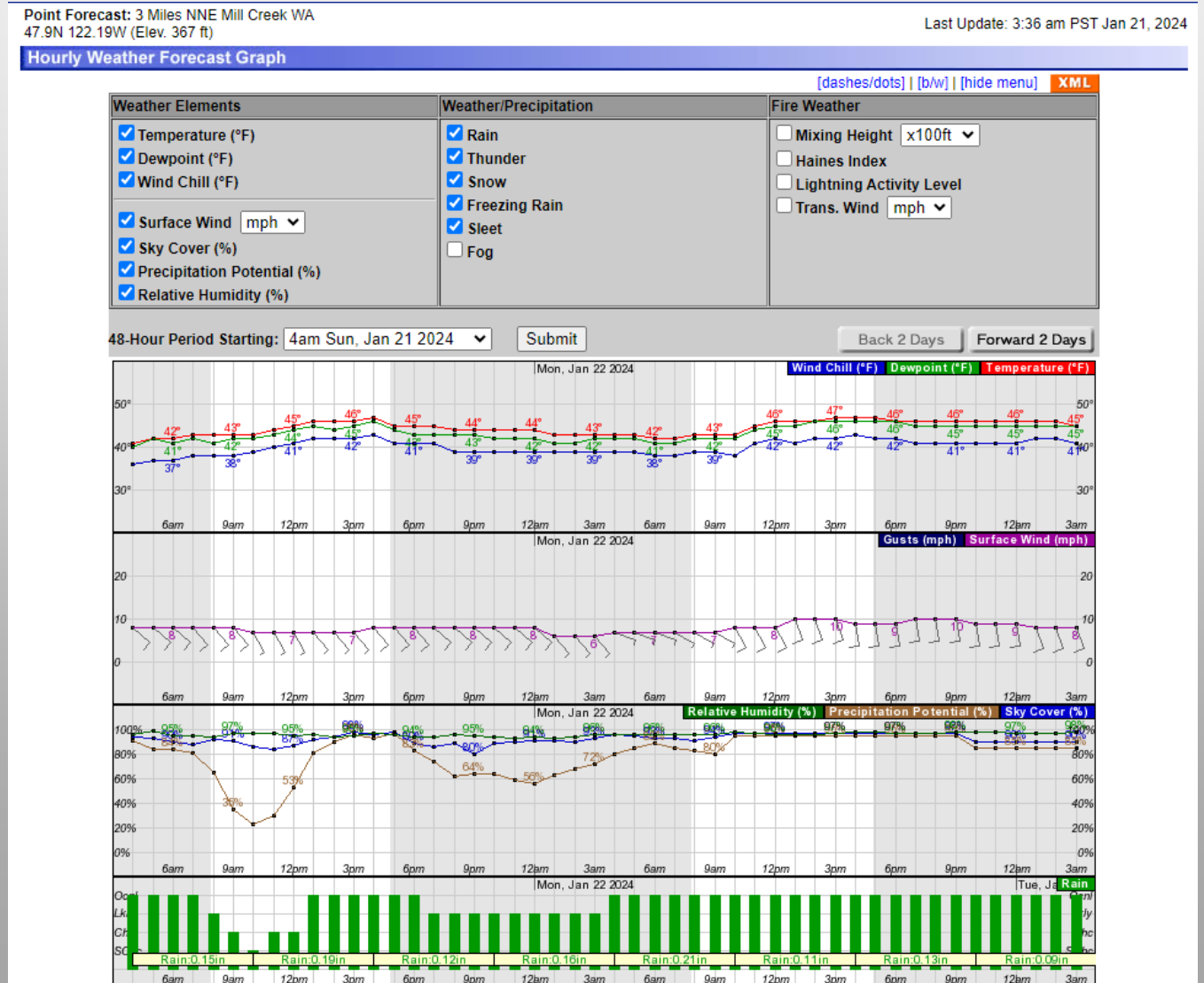
- Generally short-term forecast for 1-3 days
 - Primarily used as a quick glance for forecast conditions and trends.
 - Hourly weather data pulled from gridded forecasts
 - User can pick and choose which weather fields to include
 - Location can be chosen either by clicking on a map or inputting latitude/longitude
 - ***NOT AN OFFICIAL FORECAST!***
 - Forecasters on shift have no hand in making this forecast!
 - Cannot be used in official paperwork

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Point & Click/Activity Planner

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Point & Click/Activity Planner

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Point Forecast: 21NM N Seattle WA
47.97N 122.3W (Elev. 0 ft)

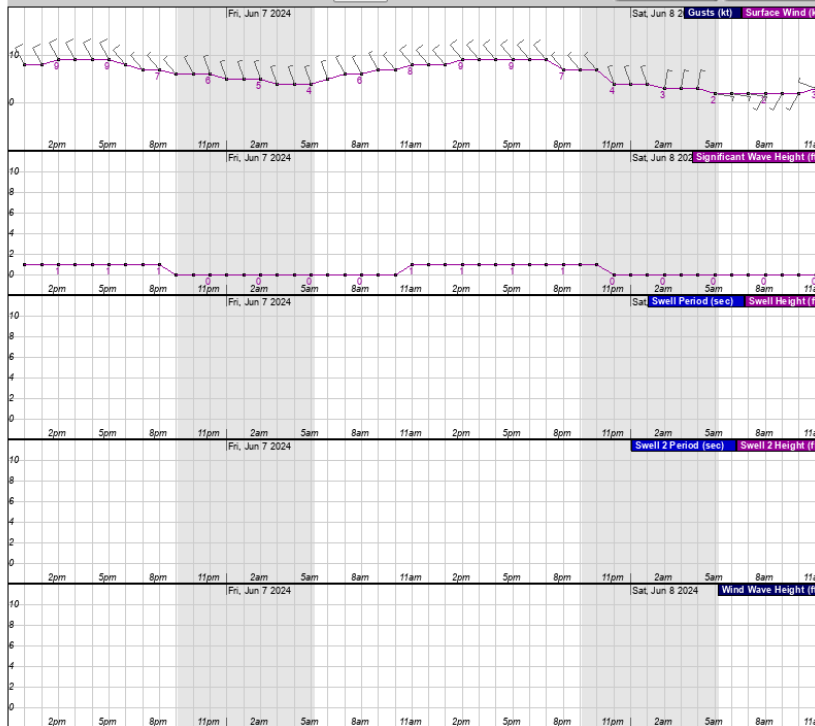
Last Update: 9:40 am PDT Jun 6, 2024

Hourly Weather Forecast Graph

[\[dashes/dots\]](#) | [\[to/w\]](#) | [\[hide menu\]](#) [XML](#)

Weather Elements <input type="checkbox"/> Temperature (°F) <input type="checkbox"/> Dewpoint (°F) <input type="checkbox"/> Heat Index (°F) <input checked="" type="checkbox"/> Surface Wind <input type="text" value="kt"/> <input type="checkbox"/> Sky Cover (%) <input type="checkbox"/> Precipitation Potential (%) <input type="checkbox"/> Relative Humidity (%)	Weather/Precipitation <input type="checkbox"/> Rain <input type="checkbox"/> Thunder <input type="checkbox"/> Fog	Marine Weather <input checked="" type="checkbox"/> Swell Period <input checked="" type="checkbox"/> Swell Hgt/Dir <input checked="" type="checkbox"/> Swell 2 Period <input checked="" type="checkbox"/> Swell 2 Hgt/Dir <input checked="" type="checkbox"/> Wind Wave Height <input checked="" type="checkbox"/> Significant Wave Height <input type="checkbox"/> Freezing Spray
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48-Hour Period Starting: 12pm Thu, Jun 6 2024





Spot Forecast

- Incident-based, typically running up to 48 hours
 - Most detailed
 - Includes discussion of current and expected weather events
 - User defined parameters and elements
 - Although mostly used for Fire (wildfires or prescribed burns), is fully capable of addressing forecast needs for HAZMAT initial response
 - Forecast elements taken from gridded forecast, then fine tuned by forecasters on duty to account for local effects and other factors that may not show up in the grids
 - Hysplit runs and additional concerns that might fall out of the options within the spot request can also be addressed.

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Spot Forecast (cont'd)

- ***THESE ARE OFFICIAL FORECASTS***

- Ready in 30 minutes or less
- Upon completion, will be available on the web and via email (including Hysplit data)
- Can be included in any official paperwork or documentation needed by your agency.

- For a quick tutorial, visit:

- <https://youtu.be/RHjHdMI-pGc>

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Spot Forecast

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Spot Forecast Request



[NWS Home](#) [News](#) [Organization](#)

[New Request](#) [Monitor](#) [Calendar](#)

Utica Mine RSE

HAZMAT Land

Forecast Start Time: 9/9/24, 6:00 AM AKDT

Request Time: 9/10/24, 5:55 AM AKDT

Deliver Time: 9/10/24, 6:00 AM AKDT

Forecast Complete At: 9/10/24, 6:06 AM AKDT

Requested By: EPA

Contact:

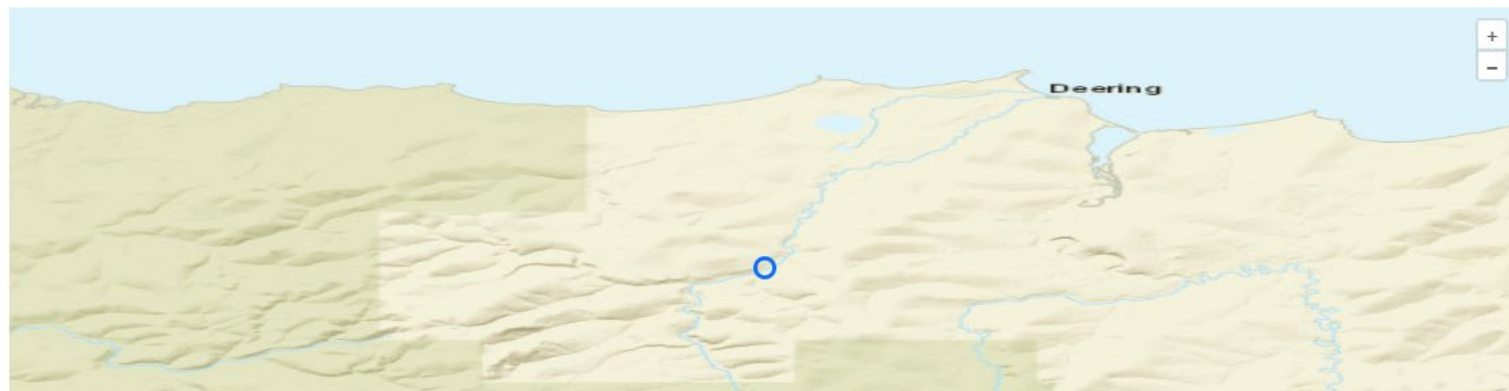
Phone:

Fax:

Layers ▾ Markers ▾

Status Markers

ESRI StreetMap





Spot Forecast

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Spot Forecast for HRVC Fire..Olympic National Park
National Weather Service Seattle WA
337 PM PDT Tue May 9 2023

Forecast is based on forecast start time of 0000 PDT on May 10.
If conditions become unrepresentative, contact the National Weather Service.

Please contact our office at (206) 526-6095, if you have questions or concerns with this forecast.

.DISCUSSION...Partly cloudy skies this afternoon will gradually clear overnight into Wednesday. Isolated showers will linger in the vicinity of the incident location before gradually decreasing in coverage after sunset. Overall weather conditions will remain similar through Wednesday with the chance for an isolated shower in the afternoon and evening under partly to mostly sunny skies. Conditions will begin to change Thursday as high pressure begins to develop and bring warmer and drier conditions. Abnormally warm and dry conditions can then be expected through the weekend.

.REST OF TONIGHT...

Sky/weather.....Partly cloudy (20-30 percent).
Chance of pcpn.....10 percent chance of showers before sunset. Otherwise 0 percent.
Min temperature.....Around 32.
Max humidity.....90-95 percent.
Surface winds (mph).East winds 5 to 10 mph.
Mixing height.....400 ft AGL.
Transport winds.....East around 6 mph.

.WEDNESDAY...

Sky/weather.....Clear in the morning becoming mostly sunny by the afternoon (20-30 percent).
Chance of pcpn.....10 percent.
Max temperature.....Around 48.
Min humidity.....60-65 percent.
Surface winds (mph).East/northeast winds 5 to 10 mph shifting to the north around 8-10 mph in the afternoon.
Mixing height.....1000 ft AGL through the morning, peaking around 3300 ft AGL in the afternoon.
Transport winds.....Light and variable (less than 5 mph).

.WEDNESDAY NIGHT...

Sky/weather.....Mostly cloudy (50-60 percent).
Chance of pcpn.....0 percent.
Min temperature.....Around 36.
Max humidity.....85-90 percent.
Surface winds (mph).South winds 10-15 mph.
Mixing height.....400 ft AGL.
Transport winds.....South around 5 to 10 mph.

HAZMAT



Email Briefings

- Email Briefing – Long Running Events (Fairs, Long-fused Disaster Recoveries)
 - Forecast details broken up in 6-hour blocks
 - Having trigger thresholds encouraged
 - Probabilistic data is available
 - Example - Probability of winds exceeding 25 mph: 40%
 - Often accompanied with forecast graphics
 - Usually set up with local NWS Management
 - AFC WCM Carrie Haisley – carrie.haisley@noaa.gov
 - nws.anchorage@noaa.gov

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Email Briefings

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**Forecast for Environmental Protection Agency
Conway, WA Response Operations**

NWS Seattle, WA
24/7 POC: 206-526-6857
4:25 AM Sat, January 20
Next Update By: 6:00 Sun, January 21

OVERVIEW

Isolated showers this morning otherwise a dry day at the site. Next weather system bringing rain back to the area tonight and Sunday. The overall pattern will remain active with additional rainfall through the middle of next week.

WEATHER IMPACTS

HIGH Confidence	Additional rainfall will move over the incident site tonight through Tuesday.
MODERATE Confidence	
LOW Confidence	

FORECAST DETAILS FOR CONWAY, WA

Saturday 01/20	0000-0600	0600-1200	1200-1800	1800-0000
Weather	Cloudy 20% Chance of Precip	Cloudy 20% Chance of Precip	Mostly Cloudy	Mostly Cloudy 30% Chance of Precip
24-Hr Precipitation	Less than 0.10 inches of Rain			
Temperature	39-36°F	36-43°F	43-48°F	41-46°F
Wind	Light	light	SE 5-10 mph	SE 5-10 mph
Prob. Gusts >= 15 mph	0%	0%	0%	0%
Prob. 24h Rain >= 0.25"	0%			

Sunday 01/21	0000-0600	0600-1200	1200-1800	1800-0000
Weather	Cloudy 90% Chance of Precip	Cloudy 90% Chance of Precip	Cloudy 90% Chance of Precip	Cloudy 90% Chance of Precip
24-Hr Precipitation	0.40-0.60 in. of Rain			
Temperature	46-40°F	40-47°F	47-50°F	50-45°F
Wind	SE 5-10 mph Gusts to 15 mph	SE 10-20 mph	SE 10-20 mph	SE 10-15 mph Gusts to 20 mph
Prob. Gusts >= 15 mph	60%	100%	100%	100%
Prob. 24h Rain >= 0.25"	100%			

Monday 01/22	0000-0600	0600-1200	1200-1800	1800-0000
Weather	Cloudy 70% Chance of Precip	Cloudy 70% Chance of Precip	Cloudy 70% Chance of Precip	Cloudy 70% Chance of Precip
24-Hr Precipitation	0.15-0.30 in. of Rain			
Temperature	45-42°F	42-46°F	46-50°F	50-46°F
Wind	SE 5-15 mph Gusts to 20 mph	E 5-15 mph Gusts to 20 mph	E 5-15 mph Gusts to 20 mph	SE 5-15 mph Gusts to 20mph
Prob. Gusts >= 15 mph	85%	85%	85%	85%
Prob. 24h Rain >= 0.25"	60%			

Tuesday 01/23	0000-0600	0600-1200	1200-1800	1800-0000
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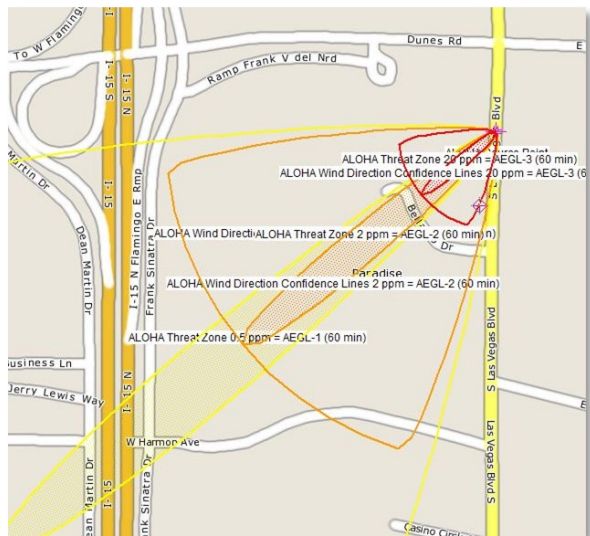
HAZMAT



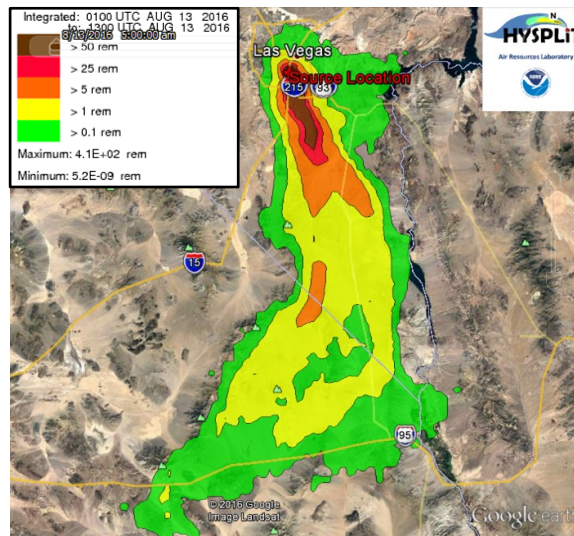
Plume Models

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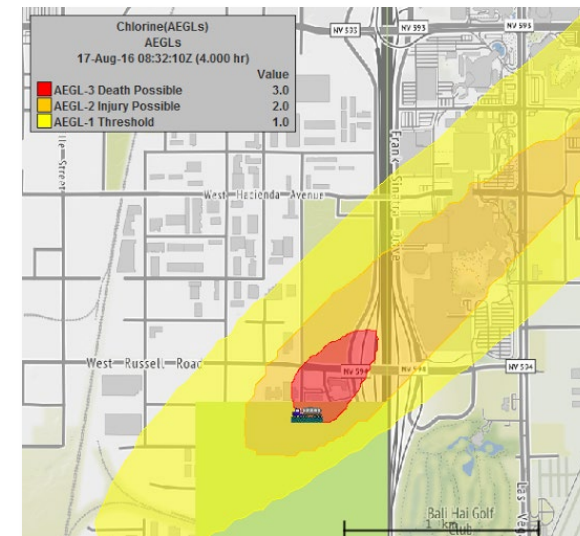
CAMEO Suite



HYSPLIT



HPAC



HAZMAT



CAMEO Suite

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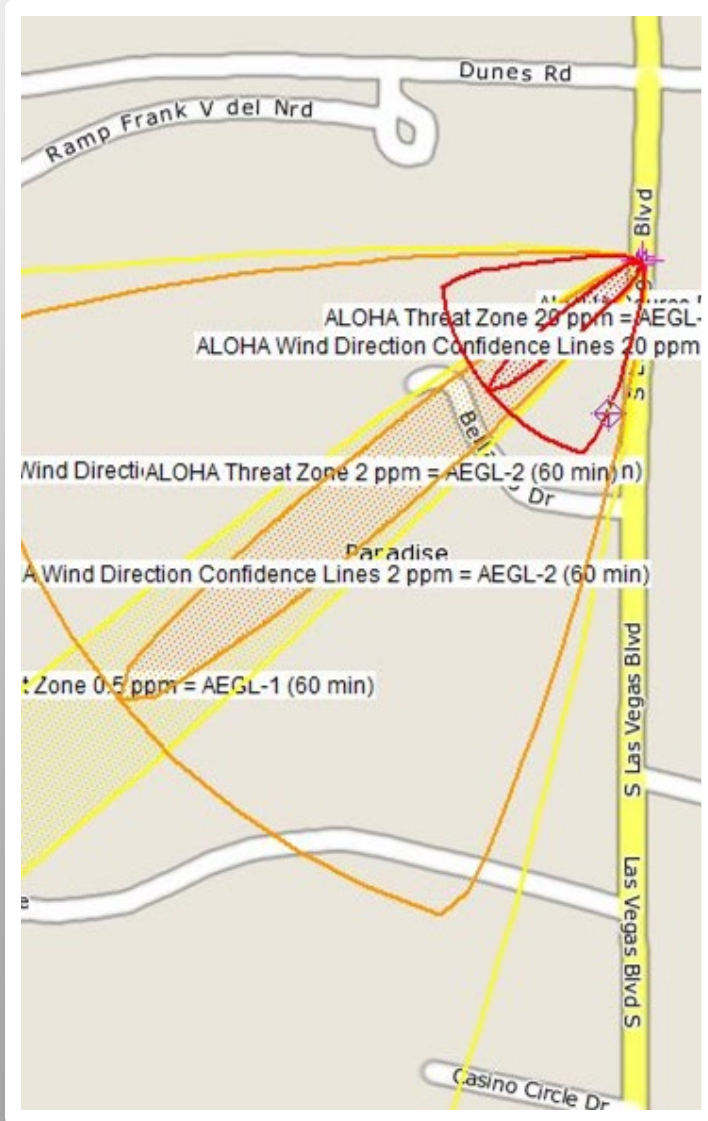
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Strengths



- Simple to use
- Used by first responders & emergency management
- Best use: fast, first guess results in the first 30min
- Best use: small releases (<1km)

Weaknesses



- Chemical/BLEVE releases only
- Cannot model releases >10km or >1hr
- Cannot model forecast conditions or complex weather
- Does not model chemical reactions, mixtures, terrain, or fragments



HYSPLIT

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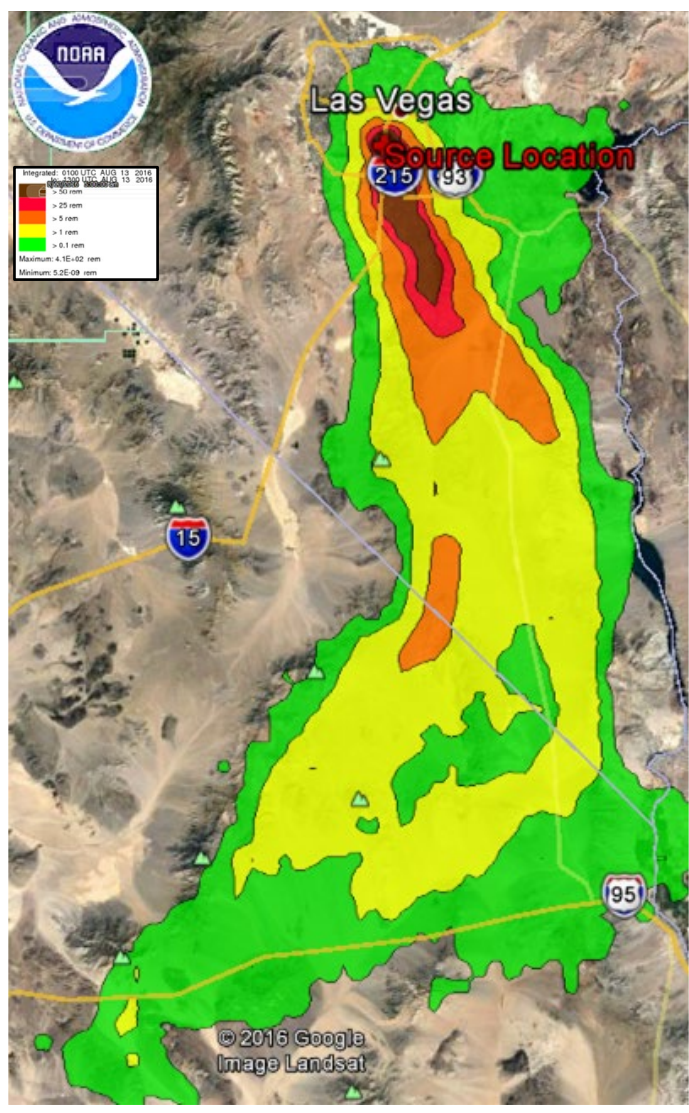
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Strengths



- Available for chemical, radiological, and nuclear dispersion
- Numerous weather models available
- Moderate complexity to use
- Available from any NWS office
- Can be requested via SPOT forecast

Weaknesses



- Unavailable for biological dispersion or explosives
- Run time varies widely
- Limited output options
- No custom weather input option
- Does not model chemical reactions, dense gases, byproducts, deposition, complex terrain.



HPAC

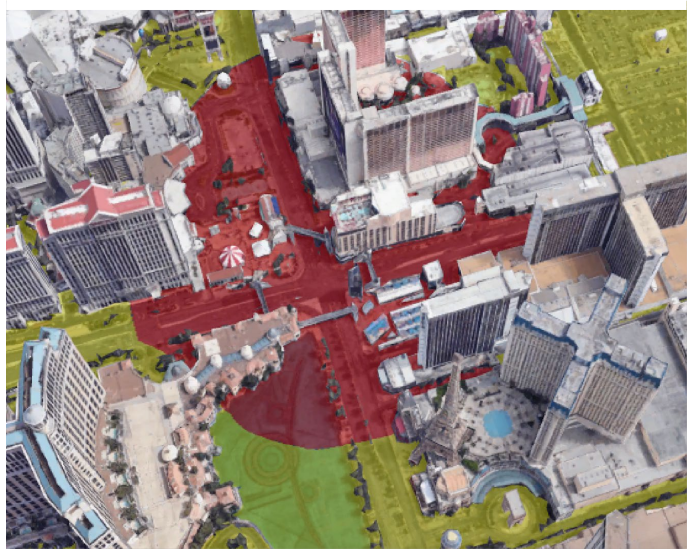
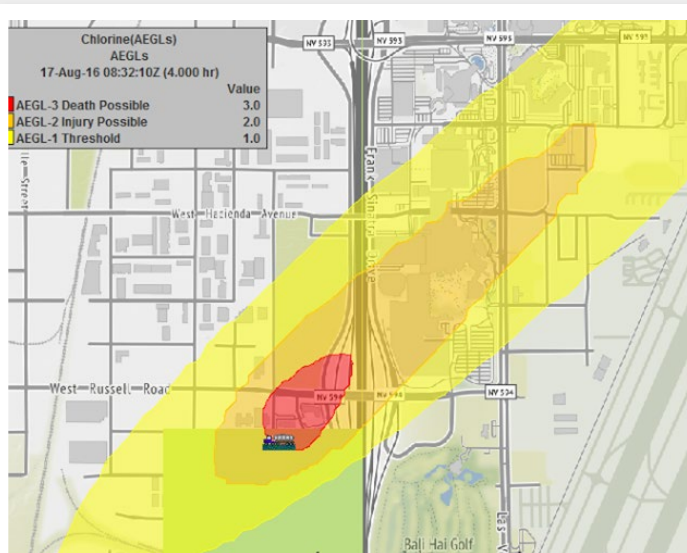
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Strengths



- Available for chemical, biological, radiological, and nuclear dispersion as well as explosives
- Numerous weather input options including weather models and custom weather forecasts
- Highly customizable output
- Probabilistic output available

Weaknesses



- Inconsistent weather model availability
- Run time varies widely
- Complex interface
- NWS expertise is limited

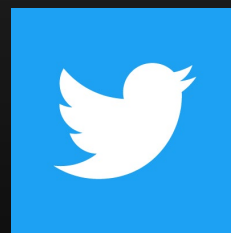
HAZMAT

HAZMAT

WEATHER SUPPORT

206-526-6857

steve.reedy@noaa.gov





WESTERN ALASKA OIL SPILL PLANNING CRITERIA PROGRAM UPDATE

U.S. Coast Guard

Western Alaska Oil Spill Planning Criteria
Coastal Area Contingency Plan Workgroup
National salvage & Marine Fire Fighting Task Force



Captain Trey L. Wirth
Office of Marine Environmental Response Policy (CG-MER)



Western Alaska Oil Spill Criteria Request for Information



- Released in Dec 2023 to assist with the development of the planning criteria.
- 27 directed questions to better understand industry limitations as well as tribal, environmental groups, and public concerns.
- MERCAT will use all input to foster transparent discussions with appropriate stakeholders.
- Initial close date was 04 Mar 2024.
- Extended to 03 May 2024 by request.
- 28 comment submissions received.

Request for Information on the Coast Guard Implementation of a Western Alaska Oil Spill Planning Criteria Program

A Notice by the [Coast Guard](#) on 12/04/2023

Comments on this document are being accepted at [Regulations.gov](#).

[SUBMIT A FORMAL COMMENT](#)

25 comments received. [View posted comments](#)

PUBLISHED DOCUMENT

AGENCY:

Coast Guard, DHS.

ACTION:

Request for information.

SUMMARY:

The Don Young Coast Guard Authorization Act of 2022 mandated the Coast Guard create planning criteria for vessel response plans (VRPs) distinct to the Western Alaska and Prince William Sound Captain of the Port zones. These criteria must include minimum response times, improvements to wildlife response, and consideration of prevention and mitigation measures. The Coast Guard seeks input from the public to establish these VRP planning criteria. The information will assist the Coast Guard in potentially developing a regulatory proposal to support the mandate.

DOCUMENT DETAILS

Printed version:

[PDF](#)

Publication Date:

12/04/2023

Agencies:

[Department of Homeland Security](#)
[Coast Guard](#)

Dates:

Comments must be received by the Coast Guard on or before March 4, 2024.

Comments Close:

03/04/2024

Document Type:

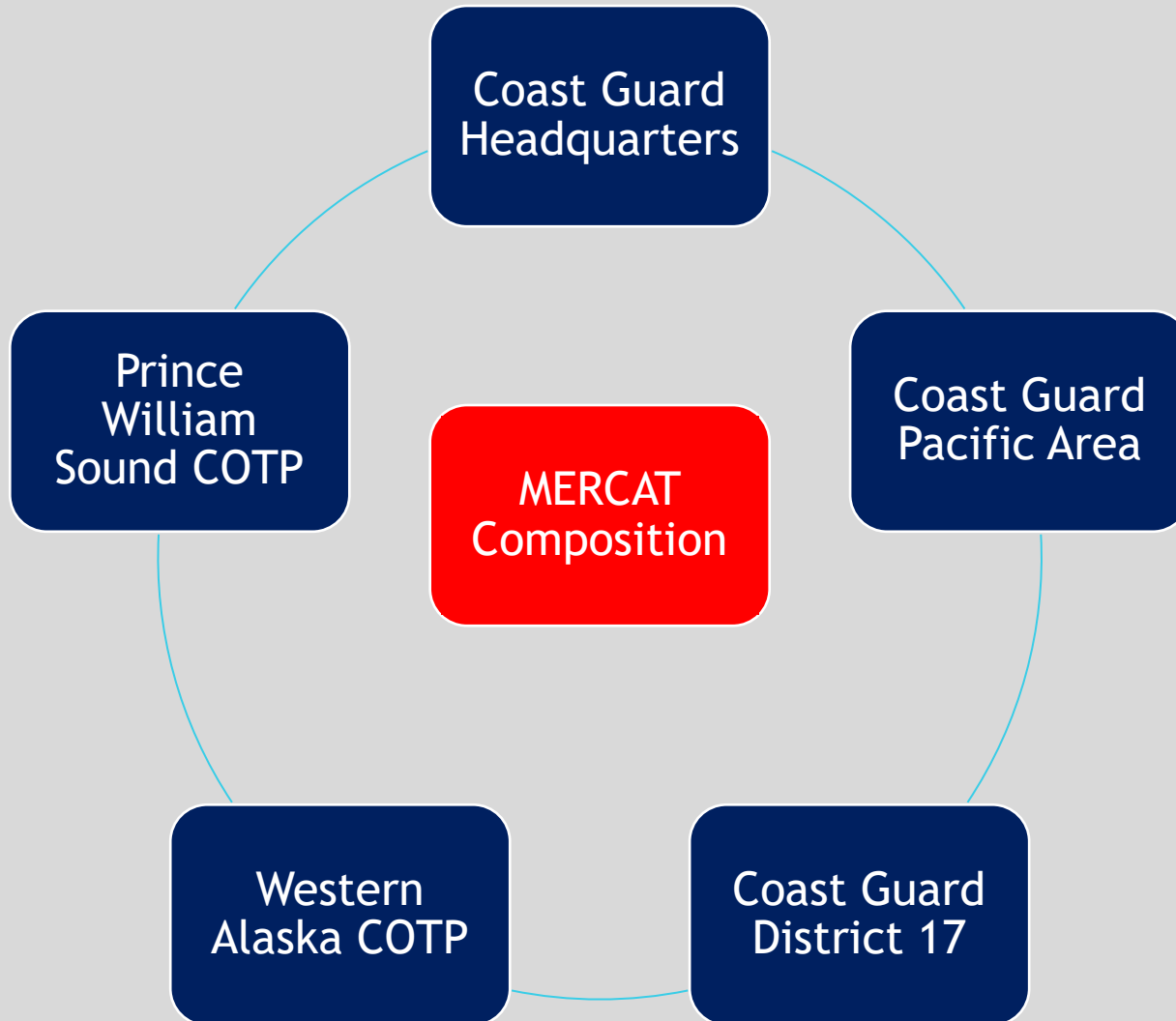
Notice

Document Citation:

88 FR 84157



Marine Environmental Response Criteria Action Team (MERCAT)



- **Purpose:** Development of Western Alaska Oil Spill Planning Criteria.
- **Current Status:** Established monthly meetings to track progress towards meeting project objectives.
 - CGAA RFI
 - Stakeholder and Tribal engagement plan development
 - TCO Designation Letter
 - Schedule alignment
 - Legislative review



Engagement Plan

Engagement Plan published to guide personnel in outreach and maintain documentation requirements.

Ensure coordination with all parties identified in CGAA.

Developing list of stakeholders to include, Federal agencies, Tribal Nations, State agencies, and Industry partners.

Identify and designate Tribal Consultation Official (TCO). Letter signed by CG-5R on 26 March 2024.

- Recent/Upcoming Engagements:
 - Regional Response Team Meeting
 - Area Committee Meeting
 - Prince William Sound
 - Western Alaska
 - Native Village of Eyak
 - Alaska Forum on the Environment
 - Alaska Tribal Conference on Environmental Management
 - Kawerak Board Meeting

- TCO Designation Letter
 - Released to 234 Tribal Representatives on 04 April 2024



Western Alaska Oil Spill Criteria Program Manager



Environmental Protection Specialist, GS-0028-13

DEPARTMENT OF HOMELAND SECURITY

[U.S. Coast Guard](#)

Summary This job is open to **Duties** Requirements How you will be evaluated Required documents How to Apply

Summary

"This position reports to the Department of Homeland Security, United States Coast Guard, the Assistant Commandant for Response Policy, Office of Marine Environmental Response Policy, Domestic Preparedness & Planning Division (CG-MER-4), Washington, DC. This position is located in Anchorage, AK.

[Learn more about this agency](#)

This job is open to

[Individuals with disabilities](#)

[Federal employees - Competitive service](#)

Current or former competitive service federal employees.

[Land & base management](#)
Certain current or former term or temporary federal employees of a land or base management agency.

[Military spouses](#)

This job announcement has closed

Print

Overview

Reviewing applications

Open & closing dates

🕒 01/04/2024 to 01/14/2024

Salary

\$112,015 - \$145,617 per year

Pay scale & grade

GS 13

Location

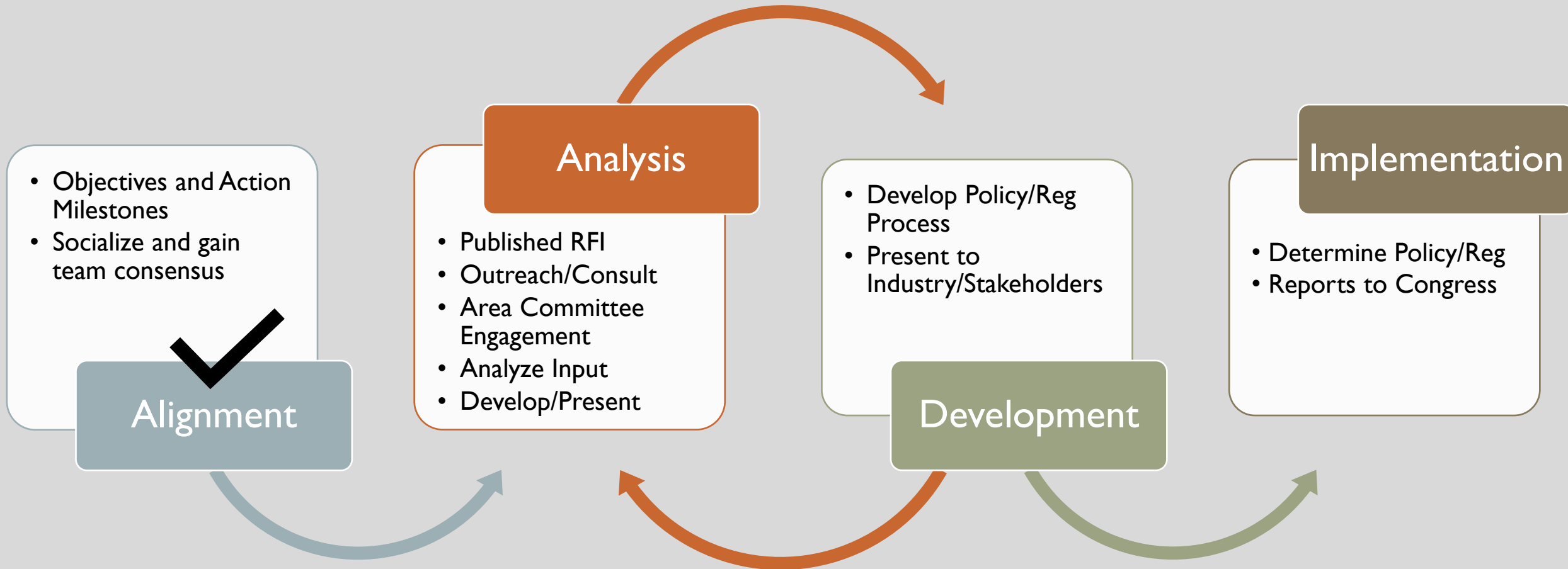
1 vacancy in the following location:

📍 Anchorage, AK

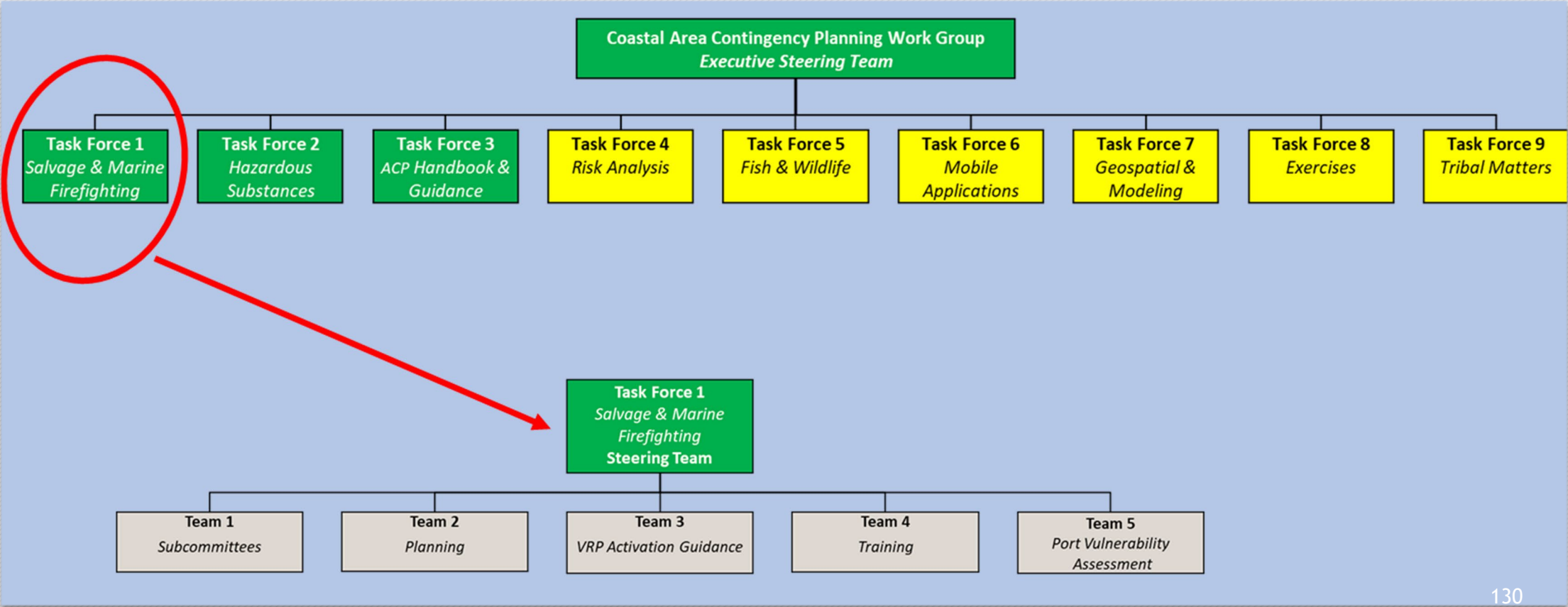
- Position is civilian position at the GS-13 level & located in Anchorage, AK.
- Advertised in Jan 2024. Re-advertised in late July, currently reviewing applicants.
- Duties include developing, interpreting, and implementing rules and regulations concerning maritime and environmental safety issues as they relate to the Vessel Response Plan Program.



Marine Environmental Response Criteria Action Team (MERCAT) Way Forward



Coastal ACP Workgroup/National SMFF Task Force



Task Force Objectives

TF Team 1: Subcommittees

TF Team 2: Planning

TF Team 3: VRP Activation Guidance

TF Team 4: Training

TF Team 5: Port Vulnerability Assessment



Questions?





NAVY SUPSALV KEY BRIDGE RESPONSE



Francis Scott Key Bridge Salvage Response

...a SUPSALV Perspective



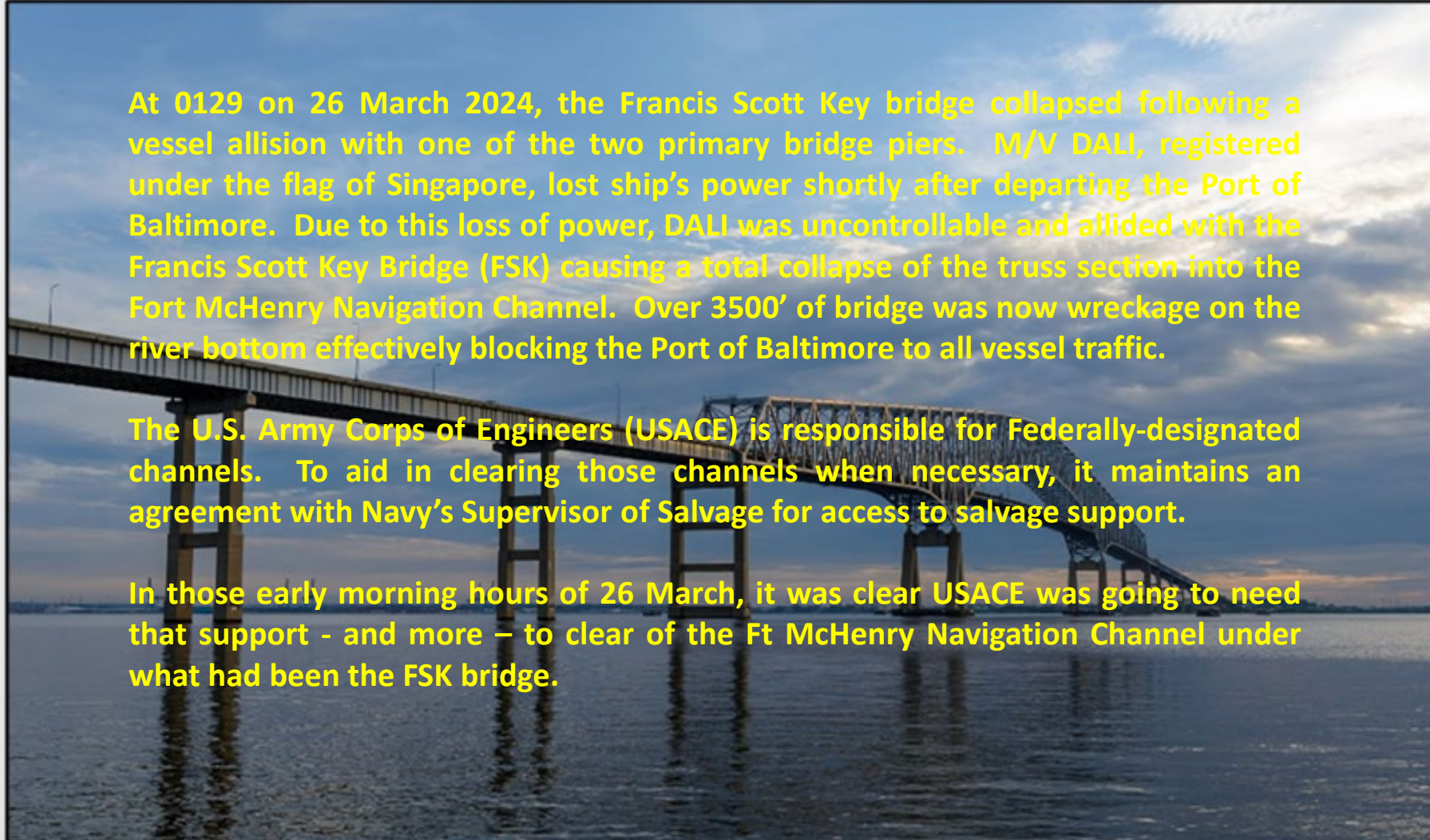
Paul Hankins
Director, Salvage Operations
NAVSEA Supervisor of Salvage
12 September 2024

Background

At 0129 on 26 March 2024, the Francis Scott Key bridge collapsed following a vessel collision with one of the two primary bridge piers. M/V DALI, registered under the flag of Singapore, lost ship's power shortly after departing the Port of Baltimore. Due to this loss of power, DALI was uncontrollable and collided with the Francis Scott Key Bridge (FSK) causing a total collapse of the truss section into the Fort McHenry Navigation Channel. Over 3500' of bridge was now wreckage on the river bottom effectively blocking the Port of Baltimore to all vessel traffic.

The U.S. Army Corps of Engineers (USACE) is responsible for Federally-designated channels. To aid in clearing those channels when necessary, it maintains an agreement with Navy's Supervisor of Salvage for access to salvage support.

In those early morning hours of 26 March, it was clear USACE was going to need that support - and more - to clear of the Ft McHenry Navigation Channel under what had been the FSK bridge.

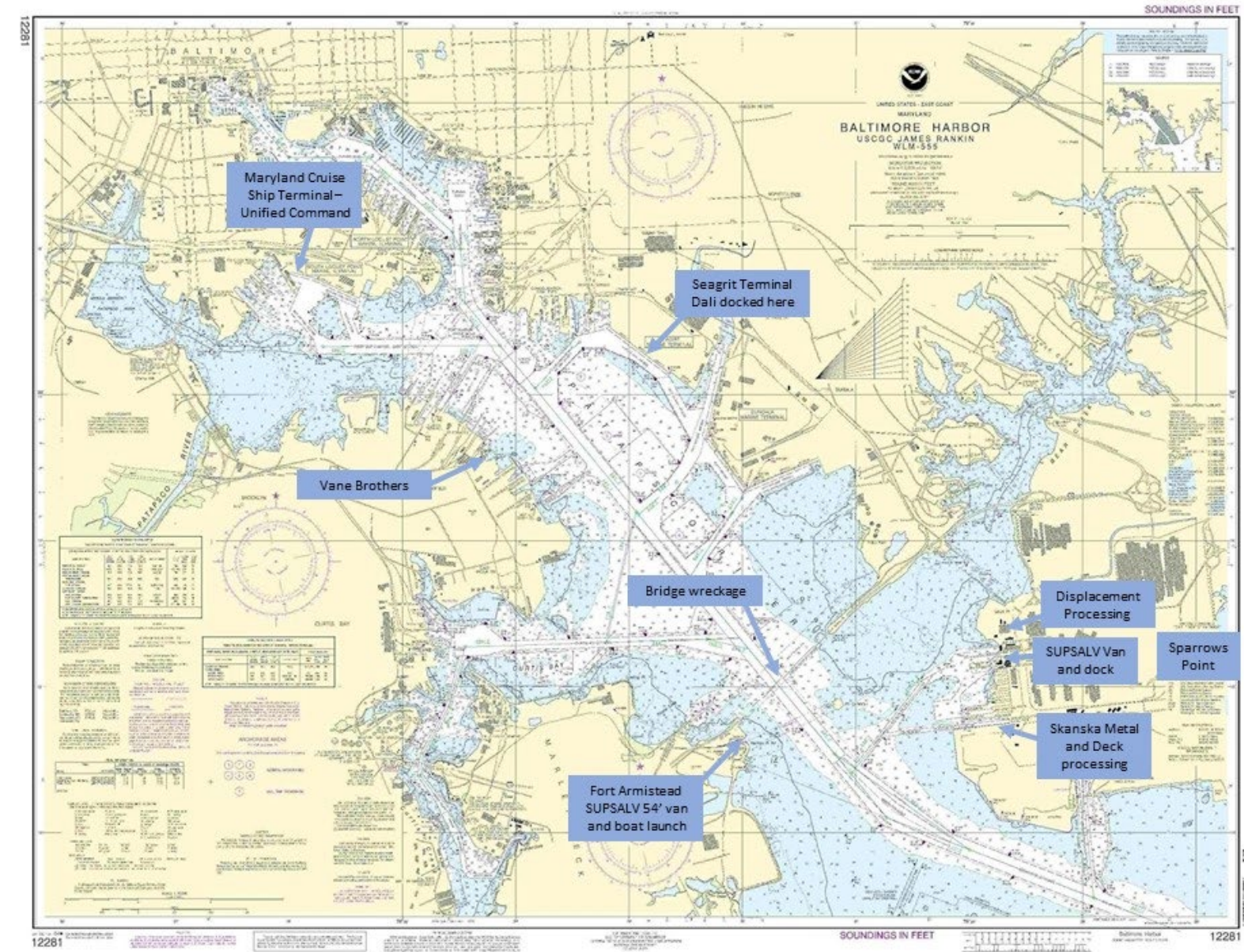


0129, 26 March 2024



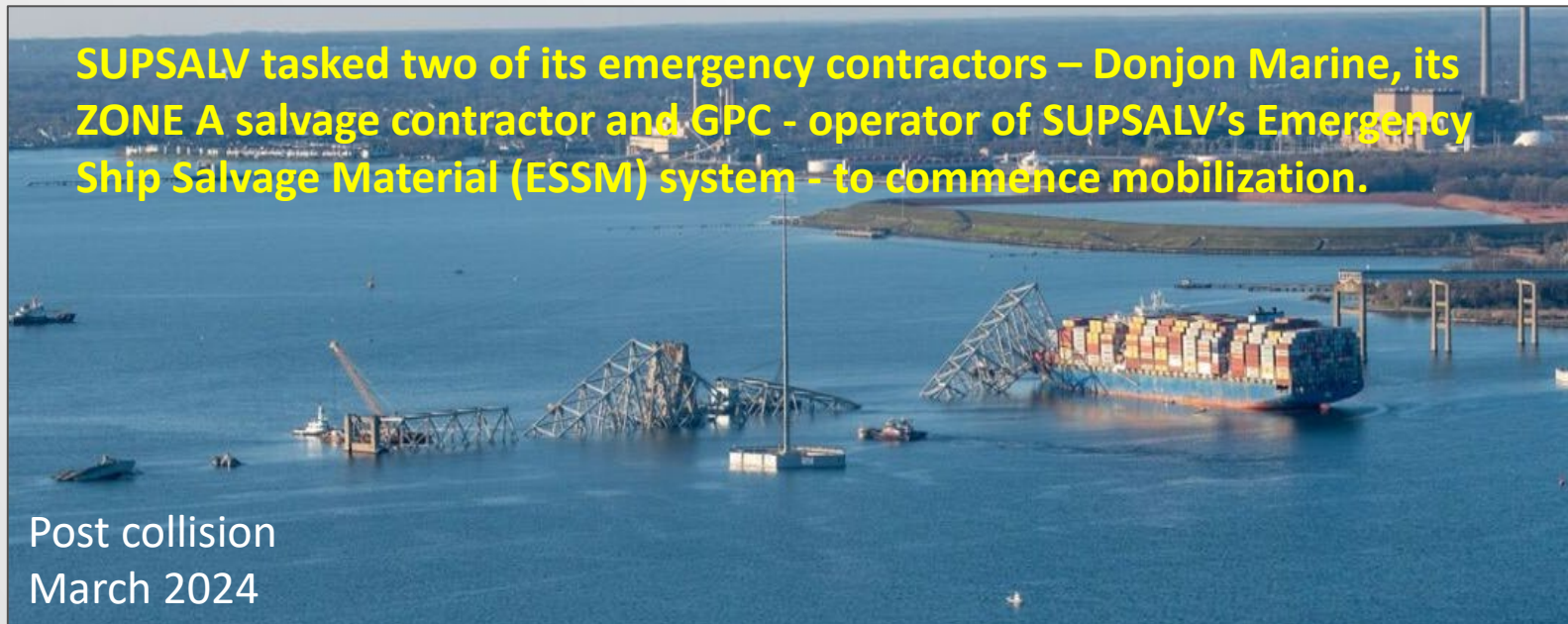
Baltimore, we have a problem....

Port of Baltimore – Terminals and Uses



Daunting Salvage Challenge

- 16,000 tons of steel
- 20,000 tons of concrete and roadway material
- 700' wide x 50' deep channel completely blocked
- 10-20' depth outside channel restricts almost 100% of commercial traffic
- Three simultaneous tasks
 - Channel clearance
 - Removal of M/V DALI
 - Removal of bridge wreckage outside main channel



SUPSALV Involvement

To access this salvage support, the US Army Corps of Engineers exercised an existing interservice support agreement with NAVSEA, Supervisor of Salvage and Diving. They requested SUPSALV to provide salvage services to clear and restore the Fort McHenry navigation channel.

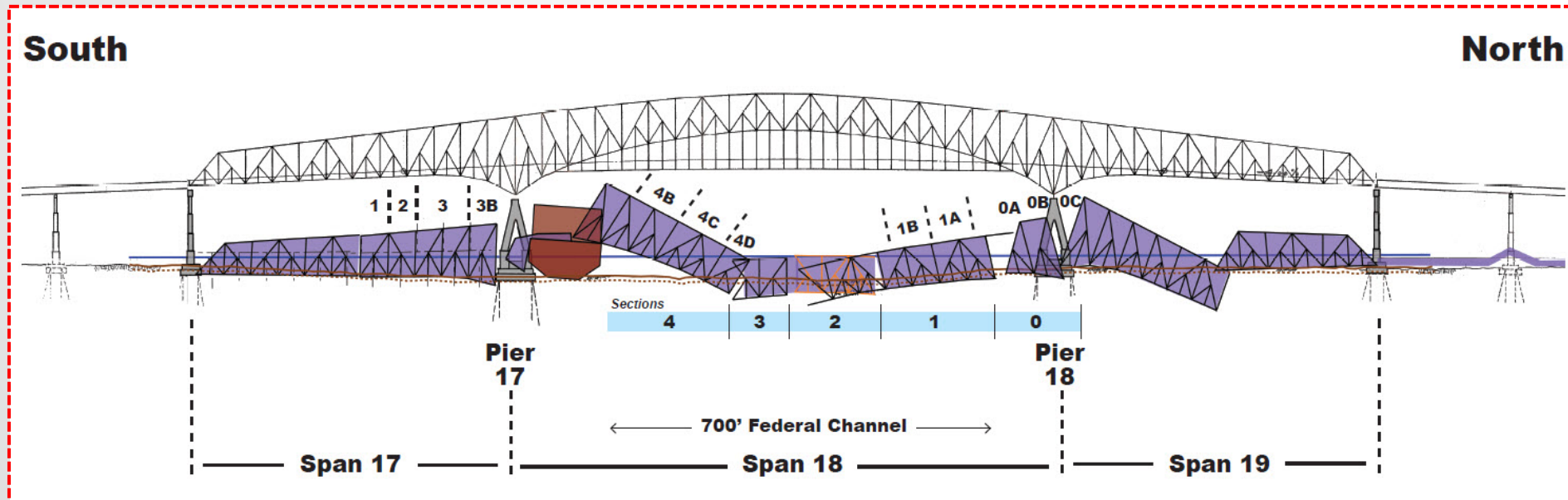
On 26 March 2024, just hours after the collapse, SUPSALV joined the Incident Command. In consultation with the Unified Command, SUPSALV was appointed the Salvage Branch Lead within the Incident Command and was charged with coordinating the overall salvage response.

This was the start of an unprecedented multi-agency, multi-company response to a disaster with no modern parallel, poised to cripple Baltimore's, the State of Maryland's, and indeed the U.S.'s economy.



The Salvor's Challenge

- Six souls missing at beginning of operations
- At least five large sections, all indeterminately connected + M/V DALI, also indeterminately connected
- 5000+ tons of steel and concrete pinned DALI to Pier 17 and the bottom
- Near zero visibility underwater
- Multiple salvors tasked with specific pieces of response
- Small footprint on which to deploy salvage assets
- Multiple agencies (Federal State and local) with multiple responsibilities



Salvage Coordination

- SUPSALV (IC Salvage Branch) coordinating three simultaneous salvage operations
 - Priority 1: Federal Channel Clearance
 - Priority 2: Removal of M/V DALI
 - Priority 3: Removing wreckage outside of the Federal Channel
- SUPSALV leverages its rapid worldwide salvage contracts
 - Led the Donjon/ESSM team for Priority 1
- SUPSALV coordinates with
 - Resolve Marine - Vessel's salvors (Priority 2)
 - Skanska - Maryland Transportation Authority's non-navigation channel response contractor (Priority 3)

Very tight timelines and milestones



NORTH

SOUTH

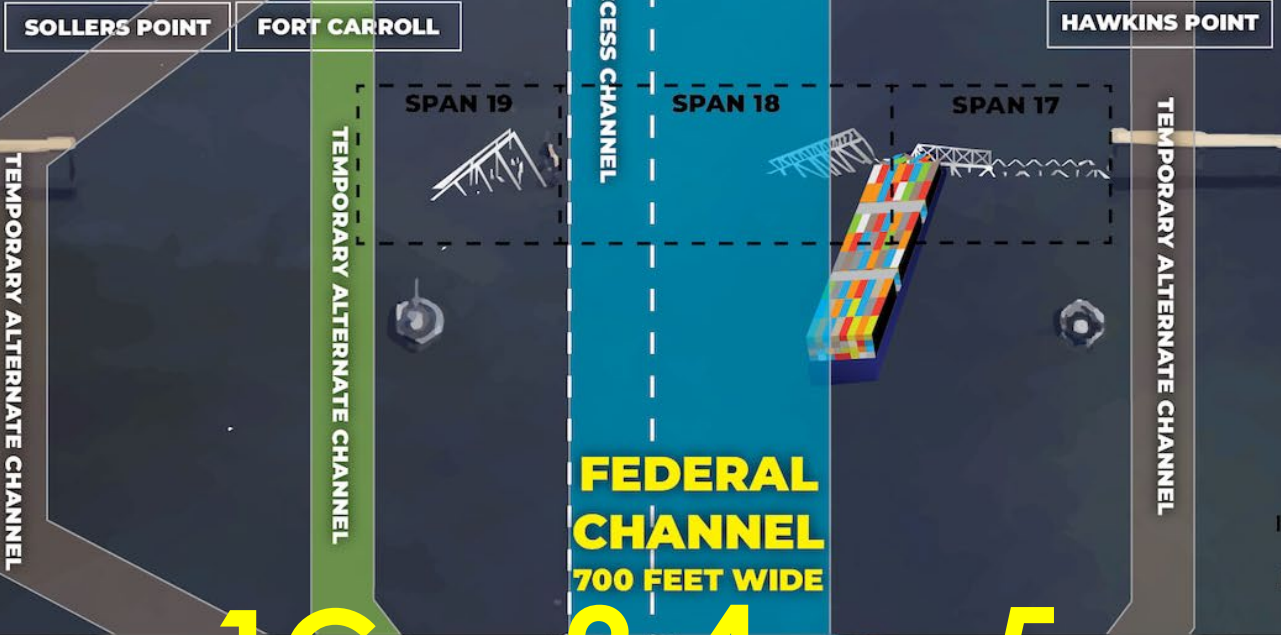


ILLUSTRATION IS NOT TO SCALE AND NOT FOR NAVIGATION PURPOSES

1B

1C

2-4

5

1A

SOLLERS POINT

- 11 Feet Deep
- 264 Feet Wide
- 95 Foot High Clearance

- Empty barges, small tugs, survey vessels, crew boats, floating cranes, Coast Guard Buoy Tenders, crane barges, Coast Guard Patrol Boats, Navy YPs, commercially essential vessels

FORT CARROLL

- 20 Feet Deep
- 300 Feet Wide
- 135 Foot High Clearance

- Loaded Barges
- Commercially essential traffic through the Port of Baltimore.

LIMITED ACCESS

- 35 Feet Minimum Depth
- 300 Feet Wide
- 214 Foot High Clearance

- Some larger deep draft vessels, large marine tugs, MARAD vessels.

FEDERAL CHANNEL

- 50 Feet Deep
- 700 Feet Wide
- 214 Foot High Clearance

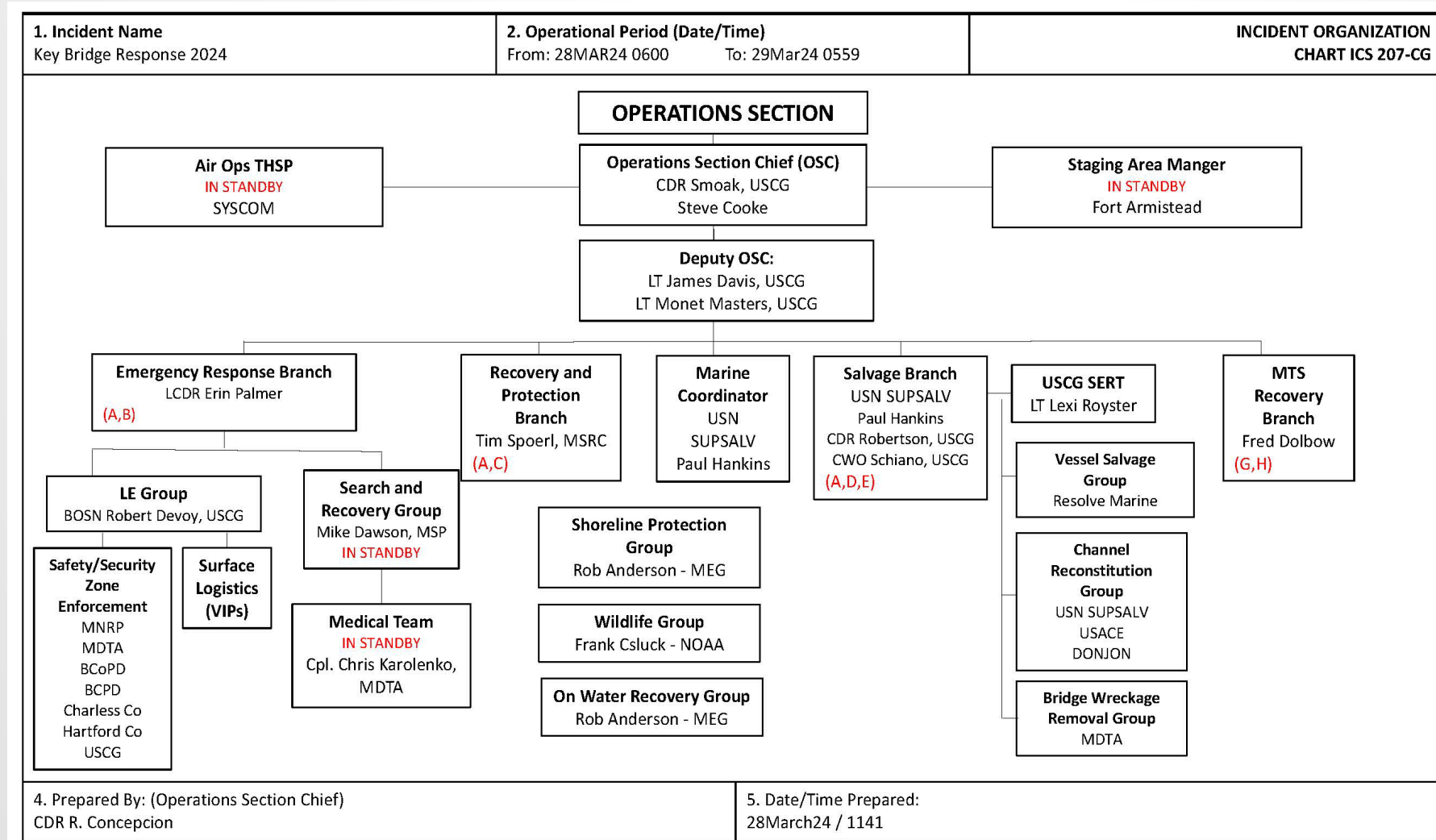
- Restoration of normal port operations.

HAWKINS POINT

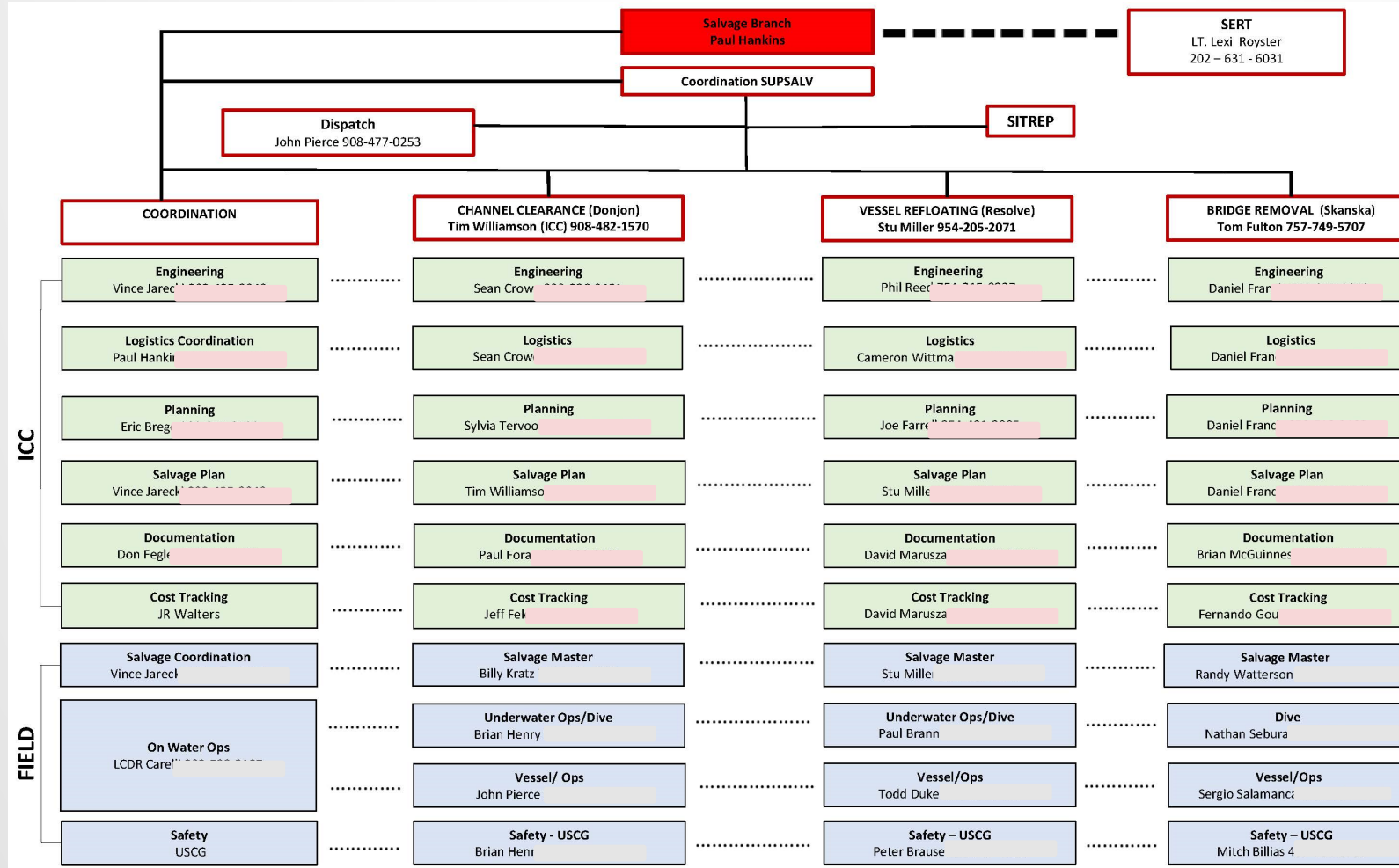
- 14 Feet Deep
- 280 Feet Wide
- 124 Foot High Clearance

- Empty barges, small tugs, survey vessels, crew boats, floating cranes, Coast Guard Buoy Tenders, crane barges, Coast Guard Patrol Boats, Navy YPs, commercially essential vessels

Overall ICS Organization



Salvage Branch Organization



Unified Command

US Coast Guard

CAPT

Dave O'Connell

US Corp of Engineers

COL Estee

Pinchasin

MD Dept of the Environment

Geoff Donahue

MD Dept of Transportation

Jim

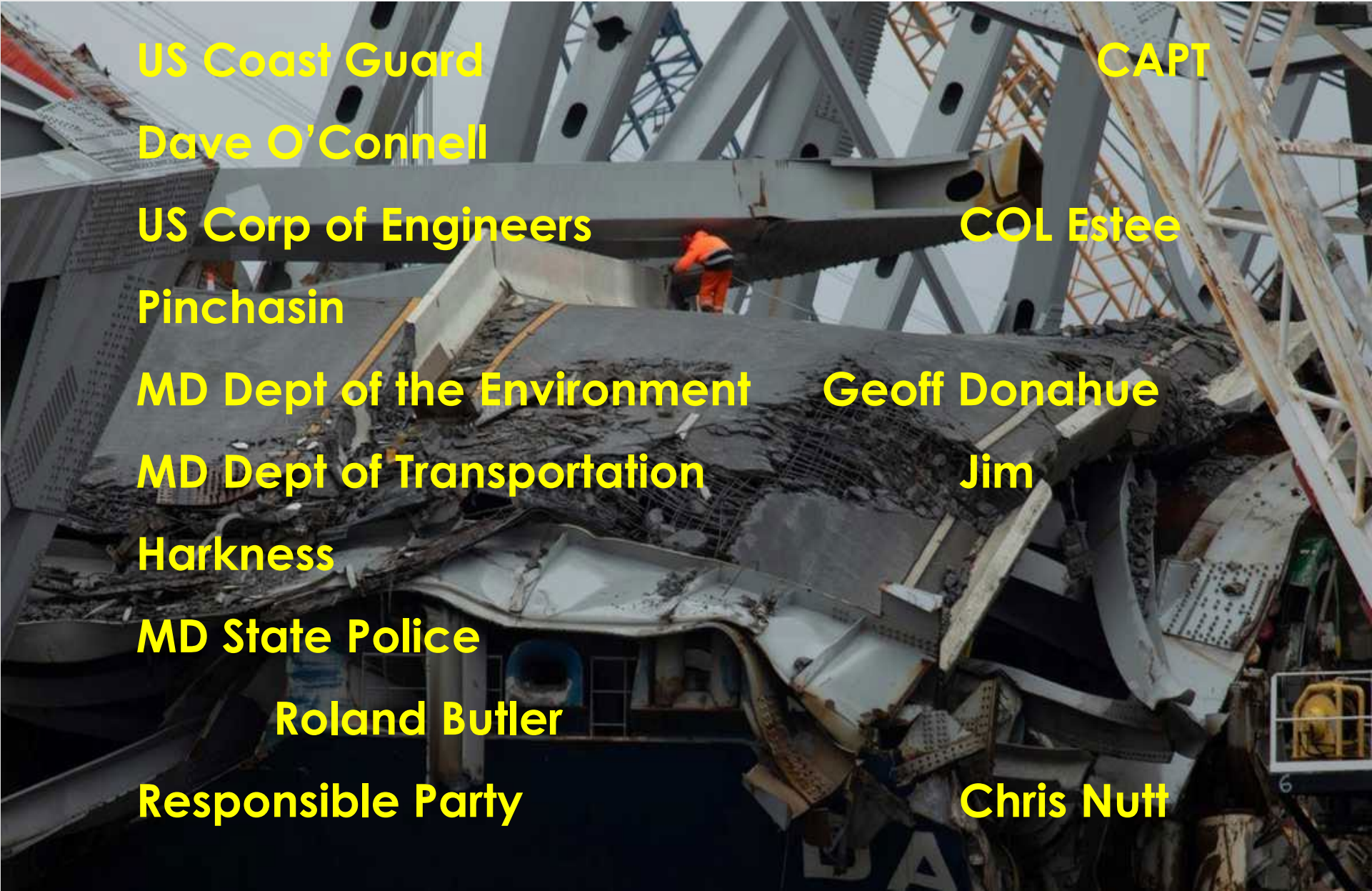
Harkness

MD State Police

Roland Butler

Responsible Party

Chris Nutt



FSK Bridge Response Priorities

Priority 1: Federal Channel Clearance

Priority 2: Removal of M/V DALI

Priority 3: Removing wreckage outside of the Federal Channel

Each priority developed into its own Level of Effort

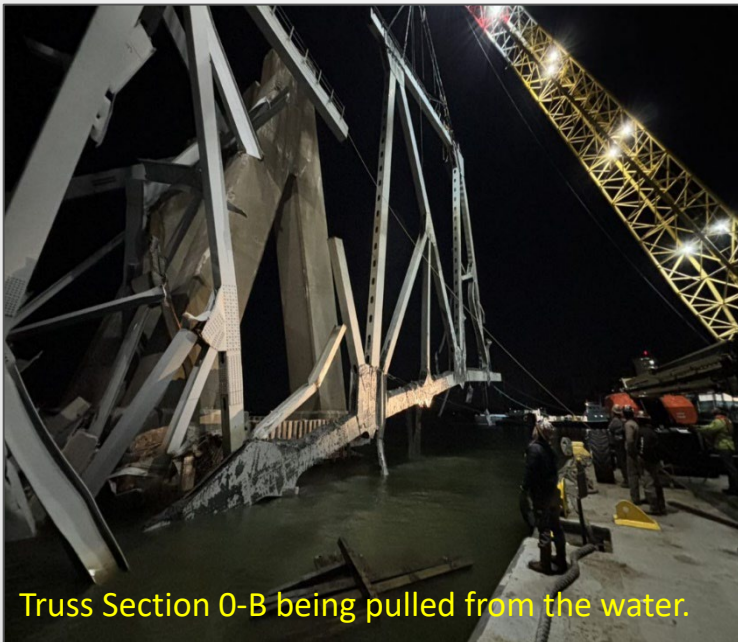


Priority 1: Open Federal channel

Responsibility: USACE requested SUPSALV support

Primary on-water participants: SUPSALV; Donjon Marine; GPC

- Removed over **50,000 tons** of steel, debris and mud from the Patapsco River
- Cleared the silt and mud down to 60 feet to remove buried wreckage
- Conducted scores of surveys to ensure buried steel was retrieved
- SUPSALV's staff managed Federal channel clearance operations and coordinated all salvage efforts on behalf of Unified Command. The result was a channel fully reopened in 77 days from the time of collapse.



Truss Section 0-B being pulled from the water.



Steel debris collected by CHESAPEAKE 1000 and the wreck grab.

Priority 1: Open Federal channel

Capabilities and Equipment utilized:

SUPSALV

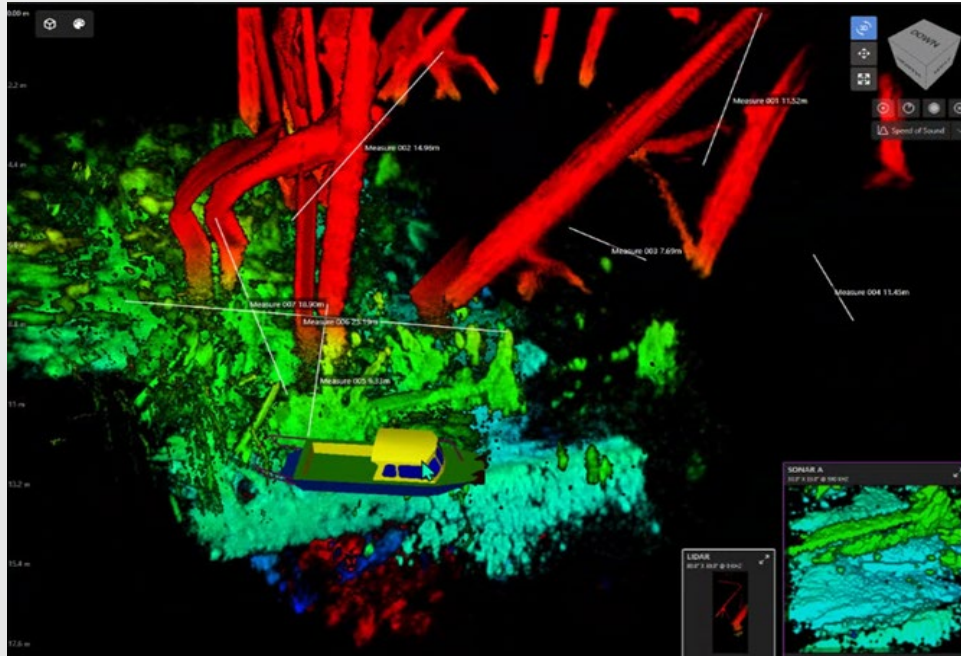
- Emergency salvage contracts (Donjon Marine & GPC)
- CODA Octopus sonar/LiDar sensor – underwater mapping (real time and historical capture)
- Automatic Identification System install on all waterborne assets for operator SA



Donjon

- Chesapeake 1000 – 1000 ton capacity floating derrick crane
- Heavy Duty Salvage Grab – 750 ton capacity
- Diamond Wire Saws – cutting bridge truss sections above/below the waterline
- Floating cranes for rigging and lifting – Lifting large sections
- Dredging barges and buckets – recover displaced material
- Deck and hopper barges – store and transport recovered wreckage and debris
- Commercial dive teams – surveys and underwater cutting

Priority 1: Open Federal channel



CODA imagery of truss 4-B as it was lifted from the mud. With this tool, specific hang ups to truss section 4-C were identified and mitigated



Chesapeake 1000 lifting truss 4-B

Priority 2: Removing M/V DALI

Responsibility: Resolve Marine under contract to vessel owners; represented by the Qualified Individual (QI) Witt Obrien's Ambipar

Primary on-water participants: Resolve Marine; Controlled Demolition, Inc (CDI); SUPSALV coordination



Removed the M/V DALI from its grounded position adjacent to the South end of the main navigation channel.

Priority 2: Removing M/V DALI



Priority 2: Removing M/V DALI

Capabilities and Equipment utilized:

Resolve Marine

- **Diamond Wire Saws – cutting bridge truss sections above/below the waterline**
- **Floating cranes for rigging and lifting – Lifting large sections**
- **Dredging barges and buckets – recover displaced material**
- **Deck and hopper barges – store and transport recovered wreckage and debris**
- **Commercial dive teams – surveys and underwater cutting**
- **Demolition subcontractor, CDI**



Priority 2: Removing M/V DALI



Reports from Resolve on 19 May indicated that DALI would be ready to be moved on Monday, 20 May. That afternoon, all anchors holding her in place were removed and two tugs were alongside. At 1800, Resolve completed a dive survey and reported no issues. At 0200 on the morning of 20 May, DALI began de-ballasting and three additional tugboats took their places alongside the ship. Refloat was scheduled for high tide at 0540 that morning. Dewatering continued with one tug gently pulling astern and 4 tugs managing the ship's lateral position. At 0650, movement was observed on the starboard bow where the ship had been nearly touching the south concrete pillar. At 0655, the ship's horn sounded indicating the vessel was underway. Guided by the tugboats, DALI transited to the Seagirt Terminal and was docked about 0940.

Priority 3: Bridge wreckage removal

Responsibility: MDTA contracted Skanska

Primary on-water participants: Skanska; SUPSALV coordination

- Bridge wreckage removal outside the channel
- (MDTA had contracted with Skanska, a world-wide construction firm who had been recently operating on the Potomac River under a separate MDTA contract)
- Set up steel and road debris processing site to dispose/recycle wreckage



Priority 3: Bridge wreckage removal

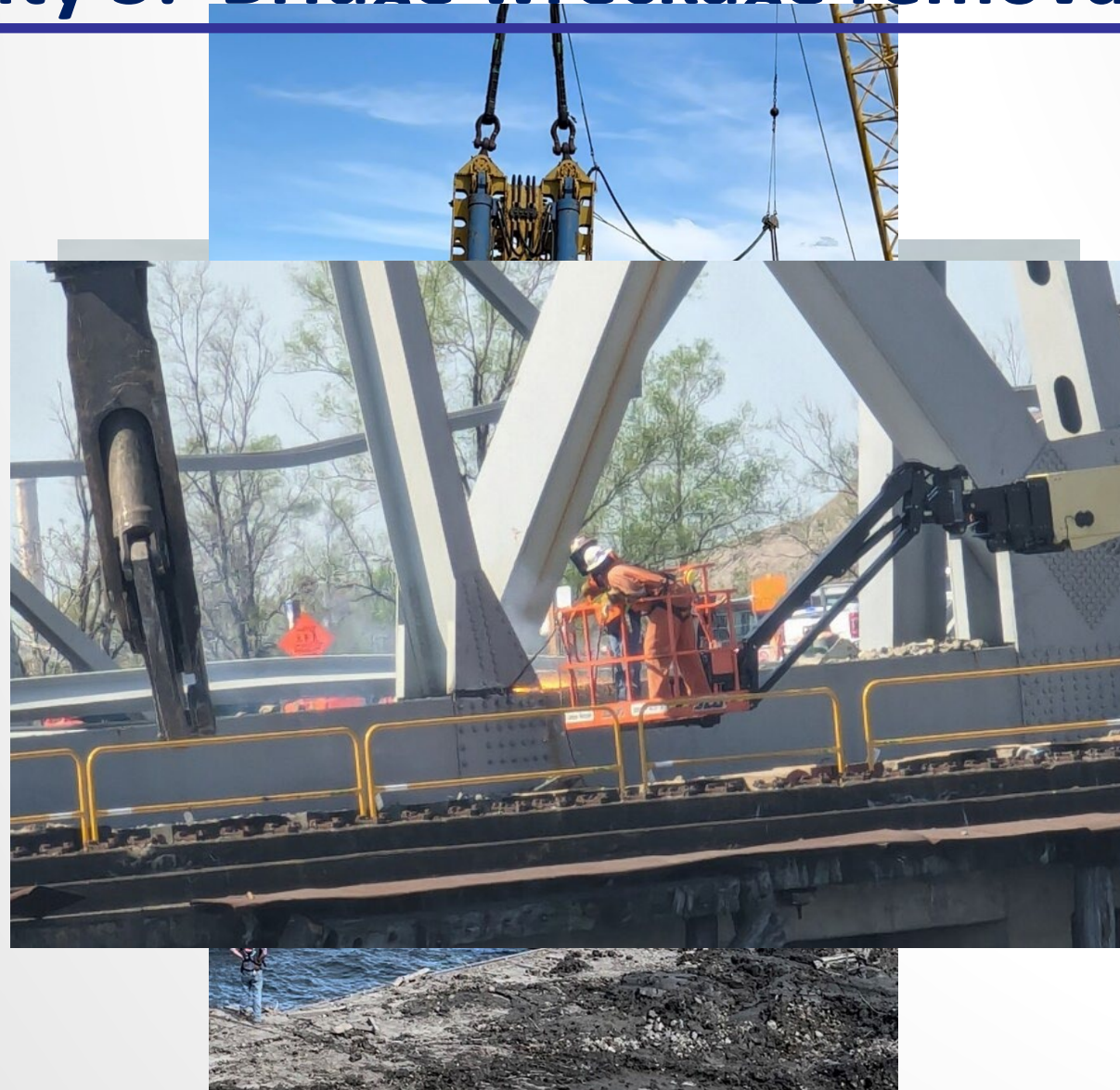
Capabilities and Equipment utilized:

SKANSKA

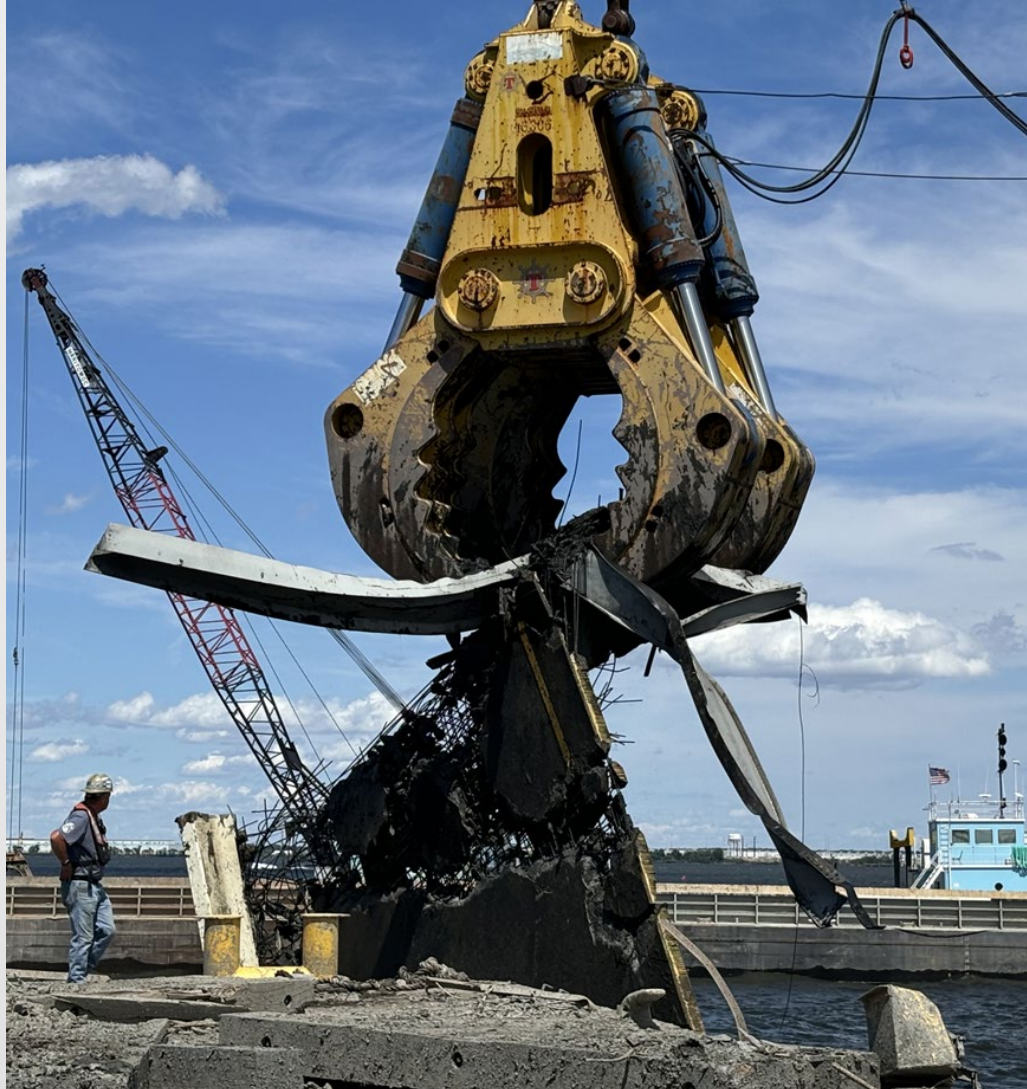
- Dale Pyatt – 400 ton capacity floating derrick crane
- Floating cranes for rigging and lifting – Lifting large sections
- Dredging barges and buckets – recover displaced material
- Deck and hopper barges – store and transport recovered wreckage and debris
- Commercial dive teams – surveys and underwater cutting



Priority 3: Bridge wreckage removal



Resources



- 18 Barges
- 22 Tugs and Crewboats
- 13 Floating cranes
- 10 Excavators
- 4 Survey boats
- 1 'Salvage Grab'

Lots of Talented People

Results

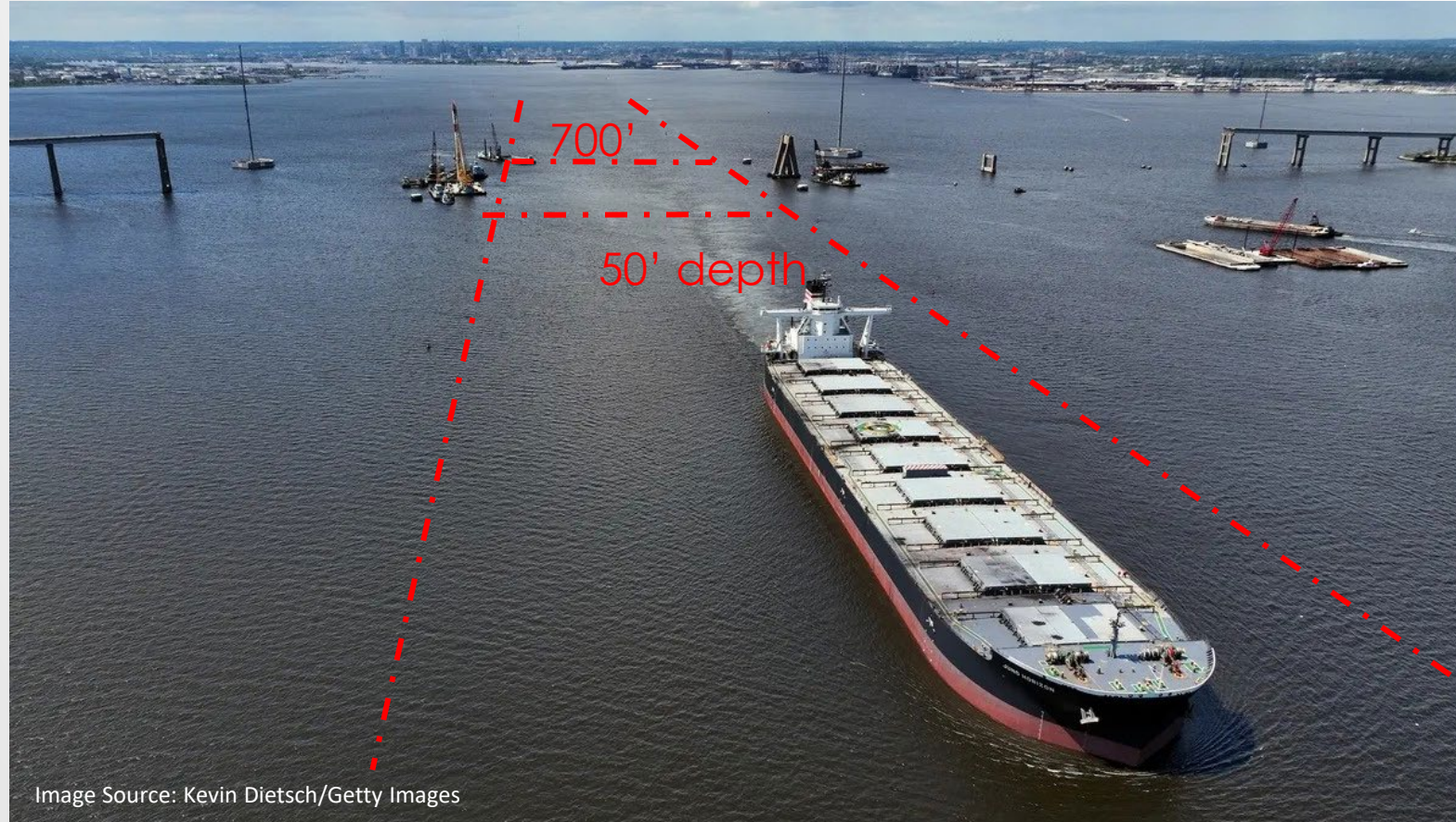


Image Source: Kevin Dietsch/Getty Images

The full (700' wide x 50' deep) Ft McHenry Federal Navigation Channel was certified for unrestricted operations on 10 JUN 2024.

(A Few) Reasons for Success



Almost 3 months to the day, on 24 June, M/V DALI departs Baltimore.

This image shows the vessel, with tug escort, passing through the fully opened Federal Channel.



Questions?





PUBLIC COMMENT

NEXT RRT MEETINGS

- **March 5-6, 2025**
- **September 10-11, 2025**
- **March 4-5, 2026**

Remember to complete the survey and provide feedback/input to your Alaska RRT Coordinators. Link to survey is also provided in our newsletter. Do not know about our Quarterly Newsletter? Ask us about it!





REVIEW OF PARKING LOT ISSUES & CLOSING REMARKS