

Alaska Regional Response Team



Alaska RRT Member Meeting Minutes

Date – 11 SEPT 2024 a.m. Location – UAA Gorsuch Commons, 3700 Sharon Gagnon Lane; online

- 1) Welcome and introduction, land acknowledgement, Tri-chair opening remarks
- 2) Request for area committee help:
 - a) PWS: GIS project assistance; AWA: tribal engagement, GIS project, SMFF; SE: GIS project; hiring new emergency management specialist
- **3)** Biannual work plan: ARRT responsibilities in National Contingency Plan & priorities & tasks (science, cultural resources etc.)
 - a) Plan status: review changes in 2025 (Part 9 review today; send comments to Angella Gebert)
 i) Area plans and updates; scheduled meetings (march 5-6 2025); exercises, annual Report, tasks (maintain Action Tracker)
- 4) ACP change to restructure architecture [anticipated complete in time]
- 5) Tribal guidance: would like document to be more direct & best practices, less legal
- 6) Merbok Communications: informed FEMA that some locations depend on fax; [recent Supreme Court decision to recognize Corporations as Tribes may increase number]
 - a) When generators go down, no water flow, pipes freeze, try fax & radio with call ini) Face-to-face is can help, but travel logistics and funding are always an issue
- 7) Committees/Task Forces Check-in:
 - a) Cultural Resources: appreciation for participation; no updates;
 - b) Wildlife Protection: same;
 - c) Science & Technology: holding; subpart J dispersant monitoring, finalize smart protocols
 - d) Statewide Planning: full presentations next day;
 - e) Regional Stakeholder: 2 job aids, will go for public comment with AWA ACP for broader outreach, successful in working with industry, tribes, agency;
 - f) Tribal Taskforce: keep working on guidance update
- 8) ACP RCP, Part 9: review without necessarily a full engagement (will send updates email to RRT coordinators); note: avoid acronyms/abbreviations
 - a) USCG: area of expertise says "Incident Management" what does that mean for OSC? USCG also has field capabilities & equipment (drones, soon) [should be documented]
 - b) EPA: change "emergency response team" to "environmental;" what equipment should be listed? (i.e. air & water warehouse + team, location); support in AK vs in 48
 - c) USDA: will follow up with info for other agencies [i.e. NIFC logistical support probable]
 - d) DOC (Commerce) NOAA: will add areas of expertise, data collection, entangled species, ice & river forecasting, weather options, & update Endangered Species Act
 - e) DOD, Navy: HazMat and oil spill may have different FOSC; can reach out to Corp of Engineers; Defense Logistics Agency cache of equipment in AK going away in 2025





- i) Would risk of life trigger Navy involvement? Yes; (DSCA Defense Security Cooperation Agency) for oil spill + flight evacuation (probably led by FEMA)
- f) DOI: can send notes, update
 - i) NPS: define wilderness, correct other
 - ii) BIA: focus on restrictive allotment and land sites; some tribes have land in trusts
 - iii) BLM: could be clarified
- g) DOT PHMSA: technical supportive during a spill; can update responsibilities
- h) DOE, DHS, FEMA, DOJ, DOS, DOL, DOT FAA, USNRC: none present
- i) AK DEC: update equipment transport to rural AK; conduit for other state agencies
- j) Some agencies have not participated (DOE, DOJ, DOS, GSA); letter from Tri-chairs?
- 9) RRT member roundtable (staff updates, issues):
 - a) USCG: new incident response manager; 3 contingency planners
 - b) PWS: new executive officer, will be alternate FOSC/Captain of the Port
 - c) AWA: hire: new hire civilian Gina Winters; Tsunami exercise in Valdez
 - d) Sector SE: welcome CAPT Stanley Fields; still hiring incident manager
 - e) State DEC: new Juneau Environmental Program Coordinator; spills database updates
 - f) EPA: new (3rd) OSC in Anchorage starts Oct. 6; response program growing nationally; superfund was depleted, tax has been reinstated: \$1.5B a year; Region 10 got 8 of 30 additional OSC billets in US
 - g) USDA: Michele Parker: new AK Regional Environmental Manager & ARRT member
 - h) DOC, NOAA: Oct 2025 science oil spill class in AK; SCAT training throughout state, to be annual, hybrid; modeling & info request training: gaps in weather data can be filled with different models; bathymetry data is out of date, updating
 - DOD: Navy near-shore oil spill in WA: released 11k gallons (500-600 of petroleum product); did not go to broader community; good collaboration, unified command with USCG + local tribe; went well + lessons learned; Navy is a plan holder, held required exercise recently; Heather Parker leaving in Oct. (will work at BOEM)
 - j) DOI: no updates; slim staffing in AK
 - k) DOT, FAA, PHMSA: none
 - I) GSA: redoing continuity plan, disaster declarations; can present re: disaster support at mtg?
- **10)** Closing Comments: send Part 9 updates to coordinators by Oct 31; afternoon meeting today for OSCs tri-chairs, etc.

Attendees:

<u>USCG</u>: CAPT Stanley Fields, CAPT Chris Culpepper, CDR Sarah Rousseau, CDR James McFarren, LT Matt Naylor, Andy Whallon, LT Travis Dopp, Angella Gebert, CDR Stacey Tate, Greg Buie <u>EPA</u>: Beth Sheldrake, Graham Wood, Bernie Nowicki, Rachel Krowoski, Bob Whittier, Morgan Larimer (STAR), <u>USDOI</u>: Lisa Fox <u>NOAA</u>: Liza Sanden <u>AK DEC</u>: Julie Liford Parker, Ytamar Rodriquez, Kara Cuchet, Kathy Shea, Dave Hassel <u>USFS</u>: Michele Parker <u>PHMSA</u>: Mike Yager, Cliff Dolchek USDOT, FAA: Chris Barry <u>UAA</u> [support]: Caitlin Kollander, Cameron Wilson, Lindsy Glick

Online:

DOT PHMSA: Nancy Turner, Jas Kaur, Kimberley Maher DSCA: Shane Holtz DEC: Sarah Moore, Anna Carey GSA: John FitzGibbon DOD Navy: Heather Parker, Danielle (Dani) Wood, Sara Benovic USFWS: Bridget Crokus DECRM: Harrilene Yazzie,







Alaska Regional Response Team



Alaska RRT Tri-Chair/OSC Meeting Minutes

Date – 11 SEPT 2024 p.m. Location – UAA Gorsuch Commons, 3700 Sharon Gagnon Lane; online

1) Welcome, Introductions & Reports from Tri-Chairs:

- a) Cybersecurity: should incorporate cybersecurity into everything; invite CISA?
- b) PWS, Valdez gains a lot from trainings in situ
- c) Recent first-time ARRT activation (Milepost 231); related exercise would be helpful

2) Area Committee Updates:

- a) Most recent for meeting for Inland (joint with AWA) was March 2023; schedule upcoming?
- b) Should Area Committees & ARRT rotate? Past difficulty with locations in Fairbanks & Juneau
- c) <u>AWA</u>: ACP furniture moving (no edits) complete; GRS to GIS and app, can propose changes
 - i) Does validation include wildlife considerations to protect resources?
 - ii) Tri-chairs would like review job aid from wellhead blowout work group
 - iii) When will tier 1 validations end? Backlog into app is big worklist item
 - iv) Area Committee meeting Nov 6, subcommittees Oct 23; Red Dog fuel transfer exercise
- d) <u>PWS</u>: hybrid Area Committee meetings; Copper River Delta subcommittee starts Oct 8 (Cordova Community Center); outreach to tribes; Eyak presenting on marine culture project
- e) <u>SE:</u> GRS validation in April in Sitka and Glacier Bay NP in April with NPS (full scale exercise in future?) next Area Committee meeting: Oct 27 at Ketchikan Fire Dept.
- 3) Transitions: new hires: Gina Winters, Capt. Stanley Fields (replaced Jensen), Julie Lieford Parker
- 4) ACP Restructuring: Coast Guard ACP should follow NCP mandate; AWA in Jan., then PWS or SE
 - a) Developing crosswalk to show where information moved; no edits
 - i) State has public comment requirement; this documentation will accompany new version
 ii) There are gaps with new categories; left as "pending development"
 - b) Oct 2026 due date for re-architecture; MER will work on developing content fills
 - c) Concern from non-USCG is that last change was also USCG (ICS format); hoping this will stick

5) ARRT activation notification:

- a) Ex. from NW shows informational update (courtesy update for big incident as FYI)
- b) Activation for worst-case discharge, substantial threat to public health/welfare, etc.]
- c) Support for differentiating document to discern when to update or activate;
 - i) Informational updates used for Genius Star; if activation necessary, people up to speed
 - ii) Discussion on federal vs. state notification: if no nexus to FOSC, goes to SOSC (1) If both are involved, everyone needs to be at the table
- d) ARRT is a broad conduit to other fed agencies vs. unified command: not all resources
- e) Further discussion at Nov. at Statewide Planning Committee (draft or timeline for draft)
- 6) Final comments: none
 - a) No host social following at King Street Brewery
- 7) <u>Tri-chair closing remarks:</u> appreciation for all the work from statewide planning committee





Prepared by: UAA AERC, ADAC-ARCTIC

Attendees:

<u>Tri-chairs</u>: Beth Sheldrake, James McFerran, Graham Wood FOSCs: Sara Rouseau, Capt. Culpepper, Capt. Fields <u>OSCs</u>: Kimberly Maher, Rachel Krowoski, Bob Whittier <u>ARRT Coordinators</u>: Angella Gebert, Mary Goolie, Ytamar Rodriguez <u>Planners</u>: Andy Wallen (PWS), Matt Naylor (for Lt Wheeler), Travis Dopp (for CDR Arons), Julie Lleford Parker, Cara Cuchet, Kathy Shea, Morgan Larimer (STAR EPA), Stacey Tate (USCG) <u>UAA</u> [support]: Caitlin Kollander, Cameron Wilson, Lindsy Glick

Online:

ADEC: Anna Carey, Sarah Moore







Alaska Regional Response Team



Alaska RRT Member Meeting Minutes

Date – 12 SEPT 2024 Location – UAA Gorsuch Commons, 3700 Sharon Gagnon Lane; online

- 1) Introductions & Tri-Chair Reports: welcome, introductions, land acknowledgement, purpose
 - a) New members: Stan Fields, Gina Winters, Julie Liford-Parker
 - b) Updates: May 2024 activation request, job aids out for public comments in Jan., tribal task force updating engagement guidelines; new EPA rule re: storing HazMat substances; new ACP template meeting (EPA, DEC, USCG); planning criteria program; staffing changes

2) ARRT Committee reports:

- a) Cultural Resource: not met last 6 mo., subgroups doing content revision;
- b) Wildlife Protection Guidelines (WPG): do not need full revision; subgroups will select content additions: hazing tactics, marine debris, UAS protocols, wildlife considerations
- a) Science and Technology: updating dispersants/in-situ burning SMART protocols and old fact sheets; 2025 projects: plastic pellets, UAS remote sensing, emerging fuels
- b) Statewide Planning: monthly meetings, ACP reviews/workshop, outreach
- c) Regional Stakeholder: job aids completed, to go out with AWA public comment for feedback
- d) Tribal Task Force: updating guidance, includes recent executive orders and ARRT Charter, Article VIII; Contact Mary Goolie or CDR James McFarrin with questions
- e) USFS questions: Why was ARRT not activated for Kensington Gold Mine tailings release (Juneau 2024)? FOSC did not request activation--Kensington was large, but contaminants were low, did not exceed reportable quantity (though reported)
 - i) Forest Service Land, so assumes FOSC--why not directed in ACP? National Resource Damages still available even if ARRT not activated (ARRT supports agencies)
 - ii) When last activated? May 2024

3) AWA report:

- a) GRS to GIS project (PWS or SE next); streamlined adopting and implement changes
- b) ACP architecture update (furniture move); public comment Jan. 2025
- c) Integrate BSEE offshore coastal zone area contingency worst-case discharge projects
- d) Case: Kwigillingok Inc: 8 FEB 2024: 8000 gallons of diesel fuel; Resolve Marine responded
- e) Case: Tug Nanuk III: 200 gallons, bullets holes; DEC & Solid Waste disposing of vessel
- f) Exercises: Kodiak Tsunami went well; Red Dog in Sept.
- g) Request for ARRT: tribal engagement, GRS GIS handoff, recommendations for SMFF
- 4) <u>PWS report</u>: Meeting recaps, Copper River Delta GRS subcommittee working group to begin soon, upcoming exercises; Area Contingency Plans: template workshop
 - a) Humpback whale entanglement port of Valdez July 3, Successful response July 4
 - b) Case: June 25 old town Valdez: tarlike substance from asphalt tank farm destroyed in 1964 earthquake/tsunami; site barricaded and marked
 - c) New statewide planner, executive Officer LCDR Kahi Kaaua, USCG marine safety unit;





- d) Area committee needs from ARRT: continued support for GRS to GIS
- 5) <u>SE report:</u> GRS tier II validation in Sitka; next one spring 2025; partnering with Glacier Bay National Park Service to validate another GRS; built out scenario for training; deployed emergency towing system sling load practice in Sitka, SEAPRO taught booms, knots
 - a) Summer 2024 tabletop exercise: USCG, tribal involvement; ICS training; updating contingency plan with new architecture; next meeting Oct 17 at Ketchikan Fire Department
 - b) May: international oil spill conf, New Orleans: new tech; "Emerging Leader:" Rachel Krajewski
 - c) Many natural disasters in SE: Juneau flood, Sitka mudslide; human, environmental impacts
 - d) Case: M/V Dragon Lady: 83' prior CG cutter, sank ~4 years ago; 4 vessels tied together; currently unable to remove successfully; plugged, 60k fund from oil spill fund
 - e) ARRT needs from ARRT: support for GRS to GIS; still hiring Emer. Management Spec.
- 6) <u>AK Inland report:</u> Public comment closed 8/9/24, in-situ burning task complete
 - a) Case: former Nabesna mine removal site eval: 1930-1940s arsenic and lead tailings remain on site; EPA and NPS to determine feasibility of tailings removal, but keep historic building
 - b) Case: MP77 Dalton Highway Tanker truck rollover 21 APR 2024, 9600 gallons of unleaded gasoline; migratory bird season; unified command: Alyeska Pipeline, ADOT, ADEC, EPA, PRP, BLM land owners, APSC; comms via Starlink; agencies have different cleanup end points
 i) Clean up: taiga, minimal damage to soil, permafrost; tributary. 12-16' clean up in gravel
 - c) Case MP231 Parks Hwy, 25 NOV 2023, 115 gallons of diesel from truck accident over frozen Nenana River; remediation agent request denied by ARRT (cost benefit analysis); continues
 - d) Capacity building outreach & training; Utica & Nabesna mine site evaluations; Li-ion battery preparedness; Oct. exercises: Alyeska Tiekel River, Conoco Philips Kuparuk River crossing
- 7) USFW: appreciate working with everyone, and international conf. attendance
 - a) Case: Avak creek, near Barrow: oil appeared on tundra; wildlife concerns; difficulty getting air assets there; USFW did hazing; response evolved, suspected natural seep; EPA backed out
- 8) <u>EPA Subpart J presentation (NCP)</u>: statutory authority (CWA 311(d)2(G) regulates mitigating devices and substances in water; 2022-2023 revisions:
 - a) Definitions, authorities, product listing and use, sorbent list established; Proprietary Business Information (PBI) limited—other info for public disclosure; product disclaimers and use
 - b) Preauthorization plan criteria: quantity & duration of use
 - i) Cultural and other considerations must be assessed/approve
 - ii) RRT should establish timeframe for plan review and update
- 9) <u>NOAA HAZMAT Weather Support</u>: NWS Overview: 122 forecast offices, 21 aviation, 13 river forecasts, 8 other centers (regional); in AK: Fairbanks, Anchorage, Juneau; operations 24/7
 - a) Provides forecasts (dispersion models, briefings, plumes, warnings), research, education, coordination; local HazMAT Partners; can be involved for exercises
 - b) Support varies by immediacy from incident (to include personnel deployed, modeling, etc.)
 i) Weather: includes basic, spot forecasts, email briefings
 - ii) Plume models: CAMEO Suite, HYSPLIT, HPAC

10) MEP policy at HQ

- a) Western Alaska Oil Spill Planning Criteria; RFI in Dec 2023 yielded 27 questions, 20 comments; initial close date in March, extended to 3 May 2024;
- b) Established MERCAT (Criteria Action Team); stakeholder and Tribal engagement plan development, program manager position (difficult hiring process; onboarding within months)
 - i) Process: Alignment -> Analysis (can repeat) -> Development -> Implementation (policy/regulation, report to Congress)
- c) ACP Architecture update (first in 25 years); goal to create app (not just book) for field use
- d) Nationals Salvage and Marine Fire Fighting (several big vessel fires, including fatalities, recently; more training needed);





- Task Force divided into 5 teams: 1. Subcommittees; 2. Planning; 3. VRP Activation Guidance; 4. Training: what requirement gaps exist, build proficiency; 5. Port Vulnerability Assessment: produce risk profile to inform planning and training
- e) Q: what will future workforce look like? TBD; current team of 20; upcoming handbook draft
- f) Q: what could SMFF training look like? Bring small ports to standard; equipment/tools, etc.

11) Navy SUPSALV Key Bridge & EMMS Capabilities [Director of Salvage Operations]

- a) 3rd largest connected truss bridge in the world; M/V DALI lost power, collided with bridge, collapsing truss section; 3500' of wreckage on bay floor
- b) SUPSALV has MOA with Navy and USCG; streamline funding to activate quickly
- c) Task: 16,000 tons of steel, 20,000 tons of concrete, 50' channel reduced to complete blockage, 10-20' depth outside channel restricts traffic (7 terminals out of use); 5 sections of bridge; 6 people missing, near-zero visibility; DALI pinned by trusses; multi-agency response
- d) Extent of collapse: 700' federal channel between 2 piers
- e) SUPSALV coordinated 3 salvage operations, leveraged rapid worldwide salvage contracts, created milestones and timelines (goals for tiered opening based on draft limitation depth)
- f) ICS organization: salvage had direct line to unified command, vs. usual, below under Ops
- g) Prioritized salvage goals (1 clear channel, 2 remove DALI, 3 removed wreckage)
- h) Removed 50,000 tons of steel, debris, mud from Patapsco River; channel re-opened in 77 days; CODA Octopus sonar, LiDar sensor + floating derrick crane, heavy-duty salvage grab
 i) Update: Navy will fund salvage base (had been in limbo, as prior funding was leaving)

12) Public Comment:

- a) Southeast continues to have extreme weather; appreciation for SE group's work
- b) CISA conducting pilot in Alaska for Critical Infrastructure Resilience Planning Areas (CIRPA)
- c) USFWS: initial 2000 printed spill aids gone; will have 1900 more copies by next week reach out to request; Fed Deputy position (GS 9-11) open to federal workers, closes 9/13
- 13) <u>Next ARRT Meeting</u>: March 5-6; please take survey to provide feedback on this meeting

14) <u>Closing remarks:</u> appreciation for attendance:

- a) This meeting has provided new homework and knowledge
- b) One remaining issue Suicide Basin flooding, thanks to USCG and FEMA for response
- c) This has highlighted work done between meetings

Attendees:

<u>USCG</u>: CDR Christopher Svencer, CAPT Trey Wirth, CDR Matthew Richards, Andrea Hilbert, Ryan Sand, LT Josh Gross, Capt. Stanley Fields, CDR Sarah Rousseau, CDR Scott Farr, CDR James McFarren, LT Matt Naylor, LT Travis Dopp, LT Angella Gebert, CDR Stacey Tate,

Lynn Singbard, Greg Buie, Andrew Watland, Charron McCombs

<u>ADEC</u>: Graham Wood, Beth Sheldrake, Rachel Krajewski, Bernie Nowicki, Julie Liford Parker

Dave Hassel, Kara Kusche, Ytamar Rodriquez, Kathy Shea, Allison Natcher <u>EPA</u>: Bob Whittier, Morgan Larimer (STAR)

Prepared by: UAA AERC, ADAC-ARCTIC



PHMSA: Michael Yeager, Cliff Dolchek USDOT, FAA: Chris Barry NOAA: Liza Sanden NWS: Tim Stephen, Ben Barnuss PWSRCAC: Linda Swiss, Shaylon Cochran. USFWS: Bridget Crokus, Katie Crum **USFS:** Michele Parker Resolve Marine: Pete Pritchard, A.W. McAfee, Todd Duke ALCOM: Shane Holtz ADHSEM: Bryan Fisher **CISPRI: Todd Paxton** Global Diving: Alistair Pepper, PCCI: Matt Melton Alaska Air National Guard: Paul Jenkins Nate Relong

Vannata Kalina Barns Matt Engl GPC

Online:

12025389347 Anna Carey, ADEC Anthony Charles McKarns, US DOE RAP Team april.charnota Barbara Callahan Int'l Bird Rescue (Barbara Callahan) Barker Bill Roach - APSC (Bill Roach) Bob Klieforth (SLR, consultant) Brett Lowe - Polar Tankers (lowebw) Bryan Alonso (RESOLVE) Cindy Kirkham (ADEC) Dani Wood - Navy Region Northwest (Danielle Wood) Danielle Verna# PWSRCAC (Danielle Verna) Dave Gann NOAA ddunham Don Pettit - OR DEQ Donna Schantz Greg Wilson Gregory Bjorgo - BLM (gbjorgo) Hannah Charrouf - Pearson Consulting Harrilene.Yazzie **Heather Parker** Howard Minor (ADEC) J.J. Winston - Global Diving & Salvage Jade Gamble, ADEC Spill Prevention and Response Jade Miller, BSEE AK OSPD Jared Stone Jeanette Alas# ADF&G (Jeanette Alas) Jeanie Shifflett# ConocoPhillips (Jeanie Shifflett) Jeffrey Schulz UMIAQ Environmental (Jeffrey.Schulz) Jennifer Henderson- Petro Star Inc (Jennifer Henderson) Terra Meares (ADEC) Vanessa Edwards

<u>UAA [support]:</u> Caitlin Kollander, Cameron Wilson, Lindsy Glick

Jeremy Robida PWSRCAC Jessica Elder (APSC) ilmelle John Guthrie (PWSRCAC) (John Guthrie) John Pulis - ACS Joseph Lally Kailyn Olnes (ADEC) Kandice Petorak - GSA (Kandice Petorak) Kara Kusche ADEC Kimberley Maher (ADEC) Laurie Silfven Lisa Fox (DOI) Liz Ortiz USAF (Cultural Resources) (Liz Ortiz) Lucas Ellis (ADEC) Lydia Miner, SLR Mary Goolie Michael Beuthe Mike Donnellan (DEC) Mollie Dunkin, ADEC Morgan Larimer (EPA START) N Warrilow, ADEC Environmental Program Spcialist 1 nancy.turner (PHMSA) Nick Schmuck Paul Valley, FEMA R10 AAO Potter-Michael-J OSHA Presentation Rhonda Kaetzel (US HHS - ATSDR/CDC) Richard Chiolero, CVTC, TRP Coordinator Riki Ron Britton USDA Forest Service (Ron Britton) rvanderhoek Sara Benovic - Navy Region NW (Sara Benovic) Sarah Moore, ADEC Sarah Sherwood Seanbob Kelly NOAA Shane Gray (BOEM) (graysh) Steve Reedy - NWS Seattle Steven Gabelein (Alaska Chadux Network)







STATEWIDE PLANNING COMMITTEE

Statewide Planning Committee members

ARRT Coordinators

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

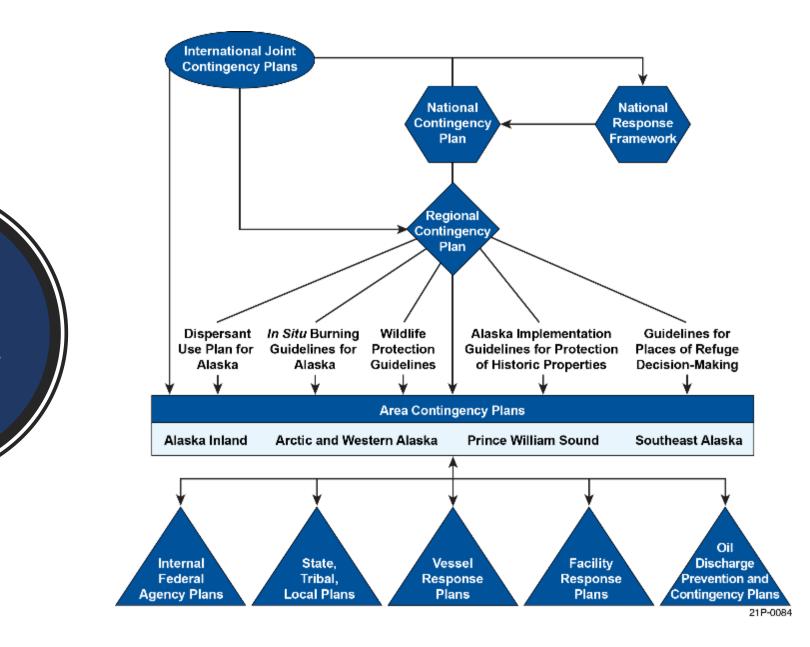
USCG Area Secretaries and ADEC/EPA Area Planners

- 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

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 <u>goolie.mary@epa.gov</u> Angella Gebert – USCG <u>angella.r.gebert1@uscg.mil</u> Ytamar Rodriquez– ADEC <u>Ytamar.rodiquez@alaska.gov</u>





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 <u>goolie.mary@epa.gov</u> CDR Jim McFerran– USCG <u>james.c.mcferran@uscg.mil</u>





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 <u>Mary Goolie (goolie.mary@epa.gov)</u> 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.

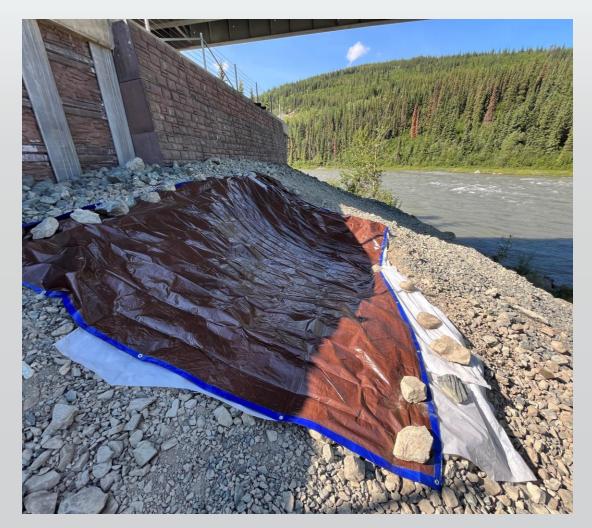


CASE SUMMARY – MP77 DALTON HIGHWAY TANKER TRUCK ROLLOVER

- 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 sedimentloading 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 ConocoPhilips Kuparuk River Crossing





AREA COMMITTEE CONTACTS

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

Contact us: huelskoetter.torri@epa.gov whittier.robert@epa.gov anna.carey@alaska.gov rachael.krajewski@alaska.gov kimberley.maher@alaska.gov bernie.nowicki@alaska.gov



Kimberley Maher, 2024

	Alaska Regional Response Team meeting September 12, 2024	
ALASKA RRT	Anchorage, AK: Gorsuch Commons, University of Alaska Anchorage 3700 Sharon Gagnon Lane, Anchorage, AK 99508 Join via https://usepa.zoomgov.com/j/1618534902	
	Meeting ID: 161 853 4902	
	Note: *FREE PARKING at nearby Willow Lot, off Elmore Road	
AGENDA	9:00 AM – 4:15 PM	

MODULE 1. ARRT BUSINESS (9:00-11:30)

Time	Торіс	Speaker	Notes
8:30 A.M.	In-person Option: Conference Room open		
		and FOSC/SOSC roll call in advance of Tri-Chair R nd virtual) please <u>sign-in online</u> sign up for in Zoom Chat box.	eview.
9:00	Introductions & Review Actions Since Last Meeting	 Tri-Chairs: Beth Sheldrake (EPA), Brian McLaughlin (USCG), and Teresa Melville (ADEC) 	
9:40	ARRT Committees Reports (10 min each)	 Wildlife Protection Committee Cultural Resources Committee Science and Technology Committee Statewide Planning Committee Regional Stakeholder Committee Task Force Tribal Committee/Task Force 	e
	10:40 BREA	K (10 MINUTES)	
10:50	Area Committee Reports ; Requests for Support (10 min each)	 Arctic & Western Alaska Prince William Sound Southeast Alaska Alaska Inland 	
	11:30-1	L:00 LUNCH	
1:00	[Insert Title] (30 minutes)	Presenter (Agency)	
1:30	[Insert Title] (30 minutes)	Presenter (Agency)	

2:15 [Insert Title] (30 minutes) Presenter (Agency) 2:45 [Insert Title] (30 minutes) Presenter (Agency) 3:15 [Insert Title] (15 minutes) Presenter (Agency) 3:30 [Insert Title] (15 minutes) Presenter (Agency) 3:30 [Insert Title] (15 minutes) Presenter (Agency) SHEAK (10 min) SHEAK (10 min) MEETING CLOSE-OUT Sign Up via "Chat" in Zoom or with the QR code by end of lunch break (1:00) Review of parking lot issues & closing remarks 4:10 Review of parking lot issues & closing remarks Adjourn				
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Directions to UAA Gorsuch Commons & Willow Parking Lot (Free Parking)

Free Parking is available in the Willow Lot for all Alaska RRT attendees.

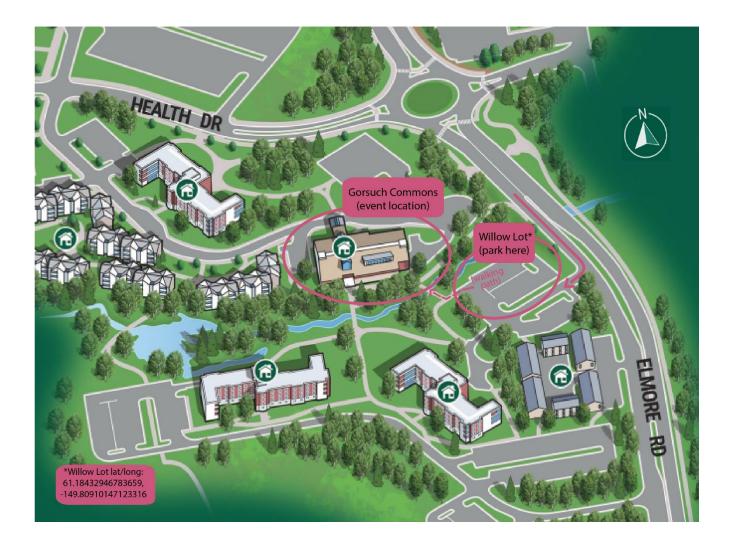
Directions:

If coming from Tudor Road, left/north on Elmore Road.

Go to and "U-Turn" at the roundabout at Health Drive to travel southbound on Elmore Road.

The Willow Lot entrance is 0.1 mile south of the roundabout, across Elmore from the University Lake Dog Park.

The meeting is the Gorsuch Commons/ Department of Residence Life. A walkway to the building is on the northwest side of the lot. The building is just across Chester Creek.





Alaska Regional Response Team Member Strategy Meeting September 11, 2024

Anchorage, AK: Gorsuch Commons, University of Alaska Anchorage 3700 Sharon Gagnon Lane, Anchorage, AK 99508 Join via https://usepa.zoomgov.com/j/1610887689 Meeting ID: 161 088 7689 <u>Note: *FREE PARKING at nearby Willow Lot, off Elmore Road</u>

AGENDA

9 am- 12 pm Alaska time

Time	Торіс	Speaker	Notes
9:00 am	Welcome and Introductions	Tri-Chairs: Beth Sheldrake (EPA), Brian McLaughlin (USCG), and Teresa Melville (ADEC)	ARRT Coordinators will facilitate introductions
	Review of Requests for Assistance from Area Committees	Discussion facilitated by ARRT Coordinators	
	Review of ARRT Documents: <u>Biennial Work Plan</u> and <u>Tribal Guidance</u> 	Discussion facilitated by ARRT Coordinators	(Potential changes to Tribal Guidance based on <u>November 2022</u> <u>Memo</u>)
	Check-in with Committees/Task Forces: Wildlife Protection Committee Cultural Resources Science and Technology Statewide Planning Committee Regional Stakeholder Committee Task Force Tribal Committee/Task Force 	Discussion facilitated by ARRT Coordinators	
	Review ARRT Activation Checklist	Discussion facilitated by ARRT Coordinators	ARRT Activation Checklist
	ARRT Member Round Table (staffing updates, emerging issues pertinent to spill response)	Discussion facilitated by ARRT Coordinators	
IEETING	CLOSE-OUT		
12:00 pm	Adjourn		

MEETING MATERIALS:

<mark>Biennial Work Plan</mark>	Tribal Guidance	RSVP for ARRT Meeting Tomorrow
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		Elles-7d5+2

Directions to UAA Gorsuch Commons & Willow Parking Lot (Free Parking)

Free Parking is available in the Willow Lot for all Alaska RRT attendees.

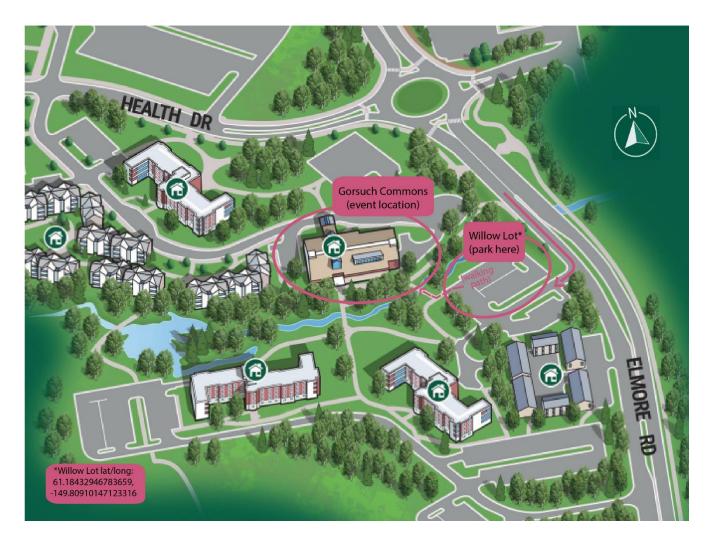
Directions:

Park.

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The meeting is the Gorsuch Commons/ Department of Residence Life. A walkway to the building is on the northwest side of the lot. The building is just across Chester Creek.





Time	Торіс	Speaker	Notes
1:30 pm	Welcome	Tri-Chairs: Beth Sheldrake (EPA), Brian McLaughlin (USCG), and Teresa Melville (ADEC)	ARRT Coordinators will facilitate introductions
	Introductions of OSCs, RRT Coordinators, Area Committee Planners/Secretaries	Facilitated by ARRT Coordinators	
	OSC Expectations – What are your expectations of the ARRT?	Facilitated by ARRT Tri-Chairs	
	Area Committee Update – <i>How are things going</i> ?	Facilitated by ARRT Tri-Chairs	
	What support is needed from the ARRT?	Discussion facilitated by ARRT Coordinators	
Break			
	Transitions within the Area Committees: Coordination with Area Committees and Statewide Planning Committee as FOSC/SOS change	Discussion facilitated by ARRT Coordinators C	USCG ACP Architecture
	[Insert Title]	Presenter (Agency)	
	[Insert Title]	Presenter (Agency)	
MEETING	CLOSE-OUT		
4:00 pm	Review of parking lot issues		
4:30 pm	Adjourn		

Directions to UAA Gorsuch Commons & Willow Parking Lot (Free Parking)

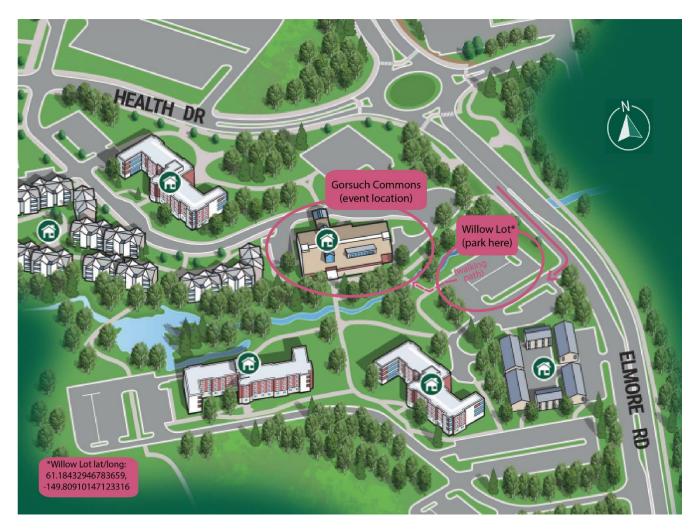
Free Parking is available in the Willow Lot for all Alaska RRT attendees.

Directions:

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Go to and "U-Turn" at the roundabout at Health Drive to travel southbound on Elmore Road. The Willow Lot entrance is 0.1 mile south of the roundabout, across Elmore from the University Lake Dog Park.

The meeting is the Gorsuch Commons/ Department of Residence Life. A walkway to the building is on the northwest side of the lot. The building is just across Chester Creek.





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.

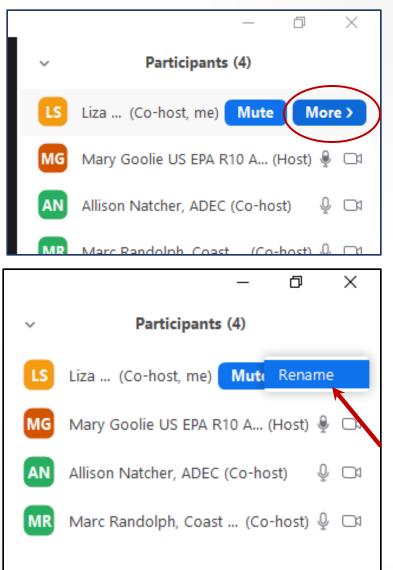


www.AlaskaRRT.org

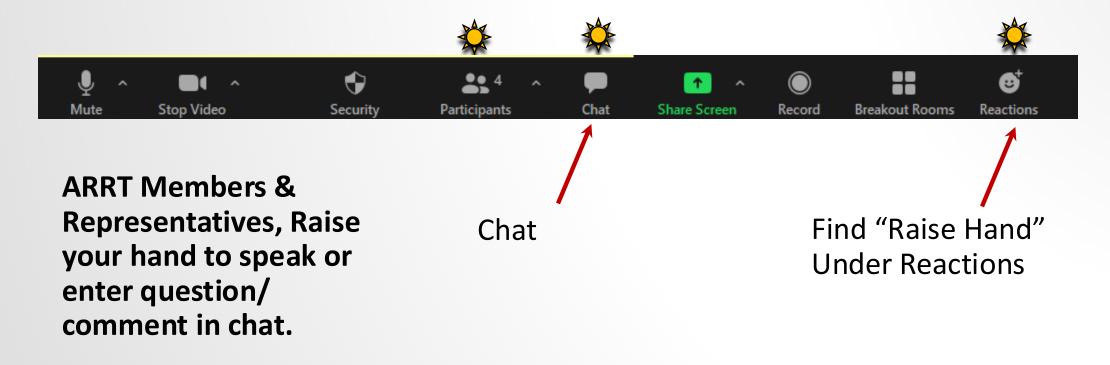
Tips: Using Zoom

Change your name to, FULL NAME and AGENCY

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



ZOOM TIPS: RAISE HAND AND CHAT



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

ADEC:	mike.donnellan@alaska.gov	
ADFG:	jeanette.alas@alaska.gov	
DOI:	lisa_fox@ios.doi.gov grace_cochon@ios.doi.gov	
NMFS:	sadie.wright@noaa.gov	
SHPO:	judy.bittner@alaska.gov	
USFWS	: bridget_crokus@fws.gov	







SCIENCE AND TECHNOLOGY COMMITTEE REPORT

COMMITTEE MEMBERS

- Liza Sanden (DOC/NOAA)
 - <u>liza.sanden@noaa.gov</u>
- Heather Parker (DOD/ Navy)
 - <u>heather.a.parker.civ@us.navy.mil</u>
- 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

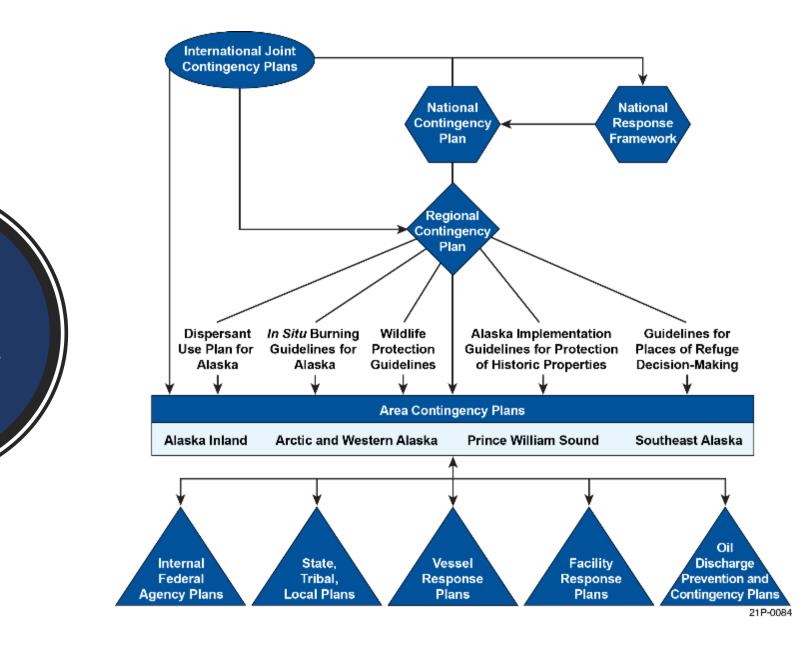
USCG Area Secretaries and ADEC/EPA Area Planners

- 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

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 <u>goolie.mary@epa.gov</u> Angella Gebert – USCG <u>angella.r.gebert1@uscg.mil</u> Ytamar Rodriquez– ADEC <u>Ytamar.rodiquez@alaska.gov</u>







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 <u>goolie.mary@epa.gov</u> CDR Jim McFerran– USCG <u>james.c.mcferran@uscg.mil</u>





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 Joellen.m.arons@uscg.mil

Gina Winters <u>Gina.m.winters@uscg.mil</u>





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@alaksa.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

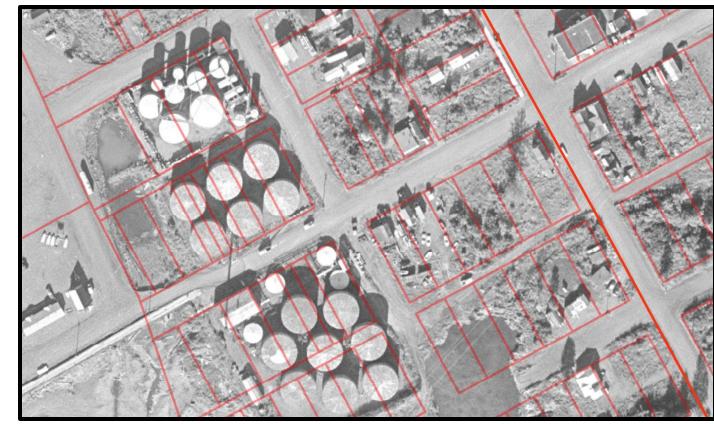
Contact us:

Sarah.K.Rousseau@uscg.mil

Anna.Carey@alaska.gov

Andrew.M.Watland2@uscg.mil

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



May 13-16 | New Orleans, LA

International Oil Spill Conference



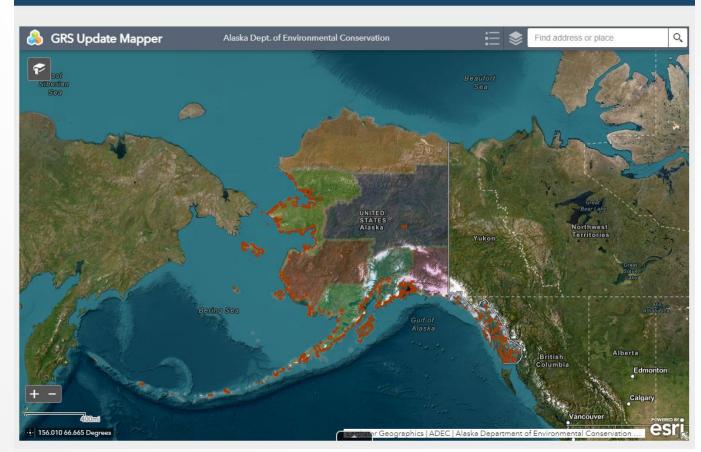
CASE SUMMARY: M/V DRAGON LADY

- 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



Geographic Response Strategy to GIS Project

AREA COMMITTEE CONTACT

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

Area Secretary: LT Lindsay Wheeler, USCG <u>lindsay.m.wheeler@uscg.mil</u>

ADEC Contact: Rachael Krajewski <u>rachael.krajewski@alaska.gov</u>



July 2024: Response to sunken vsl AHI, 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 <u>Mary Goolie (goolie.mary@epa.gov)</u> 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 permatrost, 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

Contact us: huelskoetter.torri@epa.gov whittier.robert@epa.gov anna.carey@alaska.gov rachael.krajewski@alaska.gov kimberley.maher@alaska.gov bernie.nowicki@alaska.gov



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-contingencyplan-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
- <u>NCP Product Schedule</u> 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

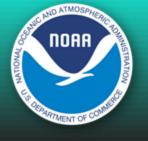
WEATHER SUPPORT



REID WOLCOTT & STEVEN M. REEDY

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



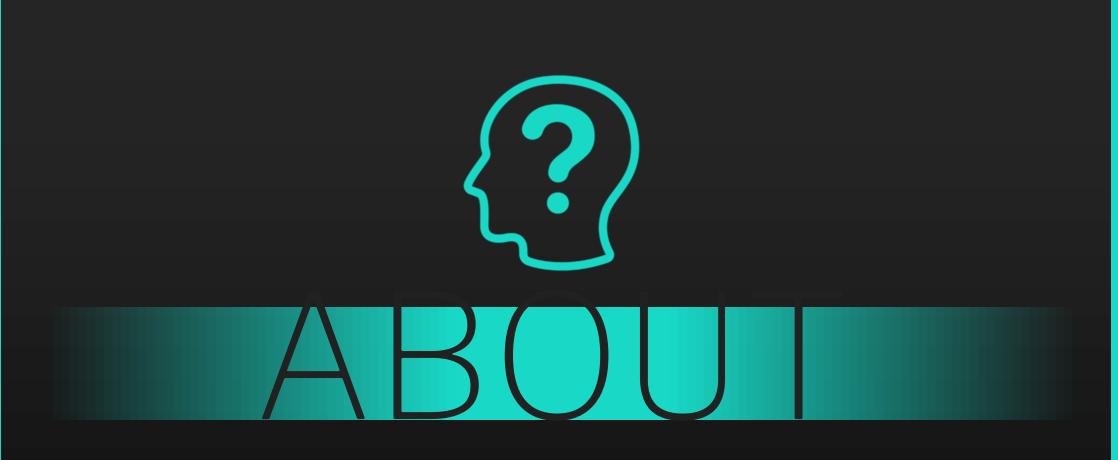


ABOUT

PLANNING

SUPPORT

WEATHER PLUME MODELS





ABOUT

PLANNING

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WEATHER

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MODELC

National Weather Service

12 | FORECAST OFFICES



13 | RIVER FORECAST CENTERS

8 | OTHER | CENTERS





National Weather Service

ABOUT

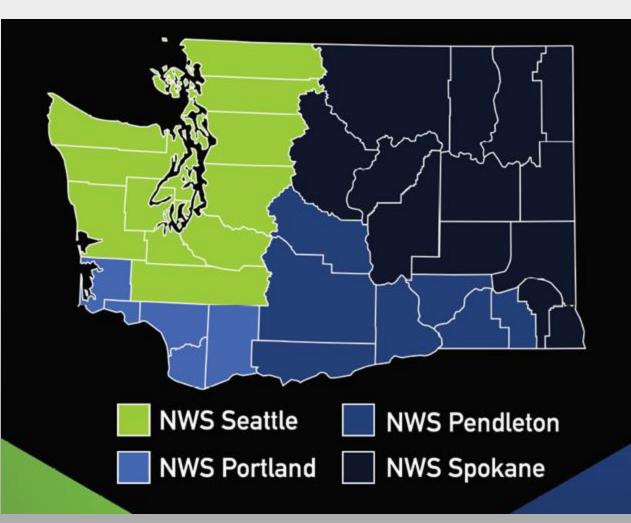
FLAMMINC

SUPPORT

WEATHER PLUME MODELS 12 | FORECAST OFFICES



13 | RIVER FORECAST CENTERS 8 | OTHER CENTERS





NWS Seattle Operations

SUPPORT

WEATHER PLUME MODELS 24 | HOURS PER DAY

7 | DAYS PER WEEK

2 | METEOROLOGIS TS ON DUTY PER SHIFT TOTAL METEOROLOGIS TS ON STAFF





Roles of NWS Meteorologists

ABOUT

PLANNING

SUPPORT

WEATHER PLUME MODELS





PLANNING

SUPPORT

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





ABOUT

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SUPPORT

WEATHEF

Local HAZMAT Partners



LEPC Groups



CAER Groups



CBRNE Response Teams Other First Responders



Exercise Involvement



EAP Development





Exercise Development



Table Top Exercises



Full Scale Exercises







ABOU

SUPPORT

SHORT TERM: 0-30 Minutes

- **NWS** Notification
 - First Responders
 - SEOC Notifications
 - Media/Social Media
 - Notification of NWS Seattle Management



Initial Attack

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



ABOUT

PLANNING

SUPPORT

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

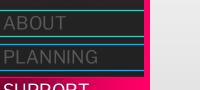
- Identify plume model based on incident parameters
- Gather intel regarding release
- Identify preferred output format



ABOUT

SUPPORT

LONG TERM: 180+ Minutes



- Weather Support <u>A</u>
 - Frequent briefings on current & forecast weather
 - Continue on-site EOC/ICP support as needed
 - Local Interpretational/National
 - Coordinate with national dispersion

agencies

• Provide local expertise in interpreting national dispersion output



PLANNING

SUPPORT

Support Requests



Emergency 24/7 Support (206) 526-6857



Non-Emergency Support Coordination Aviva Braun (907) 266-5120 aviva.braun@noaa.gov





WEA HER



Finding the Right Tool for the Job

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

ABOUT PLANNING **SUPPORT** WEATHER

Point & Click/Activity Planner

- 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



PLANNING

SUPPORT

WEATHER

PLUME

MODELS

Point & Click/Activity Planner

Point Forecast: 3 Miles NNE Mill Creek WA Last Update: 3:36 am PST Jan 21, 2024 47.9N 122.19W (Elev. 367 ft) Hourly Weather Forecast Graph [dashes/dots] | [b/w] | [hide menu] XML Weather/Precipitation Weather Elements Fire Weather 🗹 Rain 🗹 Temperature (°F) Mixing Height x100ft 🗸 Dewpoint (°F) Thunder Haines Index Snow Wind Chill (°F) Lightning Activity Level 🗹 Freezing Rain Trans. Wind mph 🗸 Surface Wind mph 🗸 Sleet Sky Cover (%) Fog Precipitation Potential (%) Relative Humidity (%) 48-Hour Period Starting: 4am Sun, Jan 21 2024 🗸 🗸 Submit Back 2 Days Forward 2 Days Wind Chill (°E) Dewnoint (°E Mon, Jan 22 2024 9nm 12am 3am 3nm 6nm 12nm Mon .lan 22 2024 Gusts (mph) Surface Wind 12hm Mon, Jan 22 2024 Tue 6am 9am 12pm 3pm 6pm 12hm 6am 9am 12pm 3pm 6pm 9pm 12bm Qnm 3am



Point & Click/Activity Planner

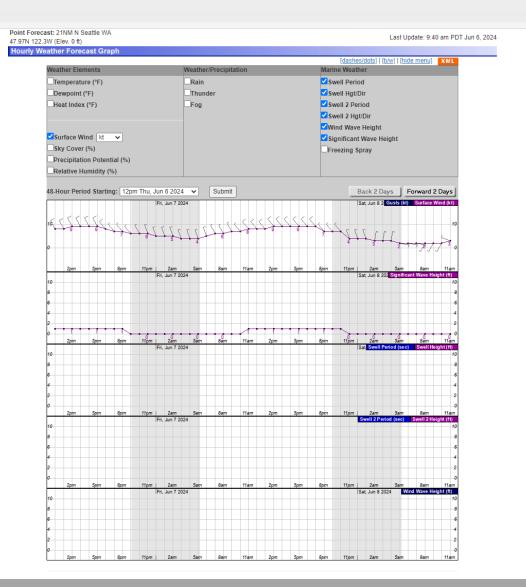
ABOUT

PLANNING

SUPPORT

WEATHER

PLUME MODELS





PLANNING

SUPPORT

WEATHER

PLUME MODELS

Spot Forecast

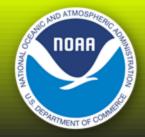
- Incident-based, typically running up to 48 hours
 - Most detailed
 - Includes discussion of current and expected weather events
 - User defined parameters and elements
 - Although mostly used for Fire (wildfires or prescribed burns), is fully capable of addressing forecast needs for HAZMAT initial 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.



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/jFNj3pkUj-4



SUPPORT

WEATHER

PLUME MODELS

Spot Forecast

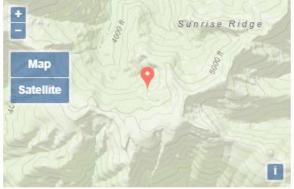
HRVC Fire

HAZMAT Land

Forecast Start Time: 2023-05-19 7:00 AM PST Request Time: 2023-05-18 11:57 AM PST Deliver Time: 2023-05-18 11:57 AM PST Forecast Complete At: 2023-05-09 2:37 PM PST



Location Legal: Lat/Lon: 47.9745 / -123.499 Quad: Calculated: 47.9745 / -123.499 Requested By: Olympic National Park Contact: Jessica Shiepko Phone: 845-321-2725 Fax:



Elevation: Drainage: Aspect: Size: Fuel Type:

Observations											
Site	Date	Elev	Wind	Temp	WB	RH	Td	Sky	Wx	Vsby	Rmks
No observations available											
Submit New Observation											

Reque	sted Parameters	Remarks	
XXX	Sky/Weather		
XXX	Chance of Precipitation		
XXX	Surface Wind		
XXX	Temperature		
XXX	Humidity		
XXX	Mixing Height		
XXX	Transport Winds		
ХХХ	Stream Flow (cfs)		

Spot Forecast

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...

.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.

PLANNING

ABOUT

SUPPORT

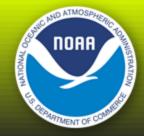
WEATHER

PLUME MODELS



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 NWS Seattle Management
 - WCM Reid Wolcott <u>reid.wolcott@noaa.gov</u>
 - <u>nws.seattle@noaa.gov</u>



PLANNING

SUPPORT

WEATHER

PLUME MODELS





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.

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	
	Cloudy	Cloudy	Cloudy	Cloudy	
Weather	90% Chance of Precip	90% Chance of Precip	90% Chance of Precip	90% Chance of Precip	
24-Hr Precipitation		0.40-0.6	0 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			
24-Hr Precipitation	ross and the or really		0 in. of Rain	i on chance of theop
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"	Page	1 / 2 —	Q +	
Tuesday 01/23	0000-0600	0600-1200	1200-1800	1800-0000



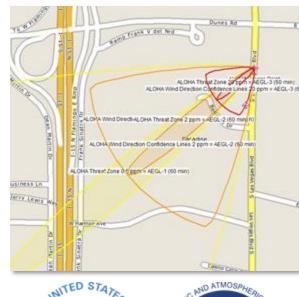


PLANNING

SUPPORT

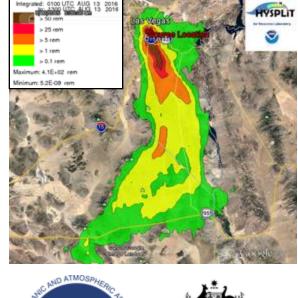
WEATHER PLUME MODELS

Plume Models CAMEO Suite HY











HPAC





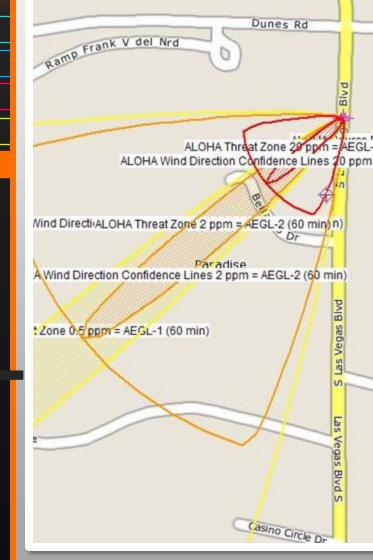


SUPPORT

PLUME

MODELS

CAMEO Suite

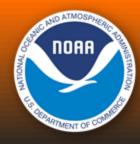


Strengths

- 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

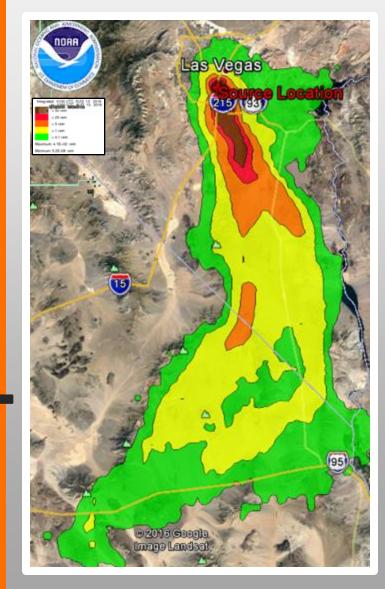


SUPPORT

WEATHER PLUME

MODELS

HYSPLIT



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

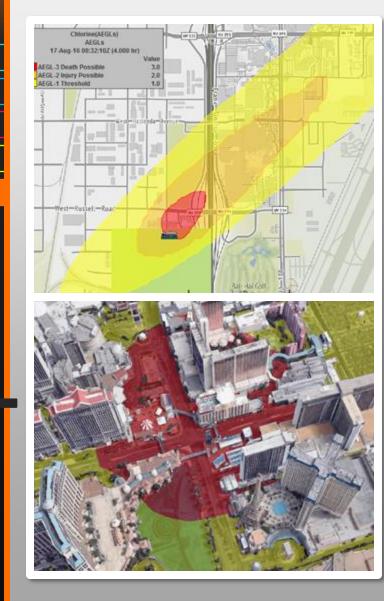
- Unavailable for biological dispersion or explosives
- Run time varies widely
- Limited output options
- No custom weather input option
- Does not model chemical reactions, dense gases, byproducts,



PLUME

MODELS

HPAC



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

Weaknesses

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

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.

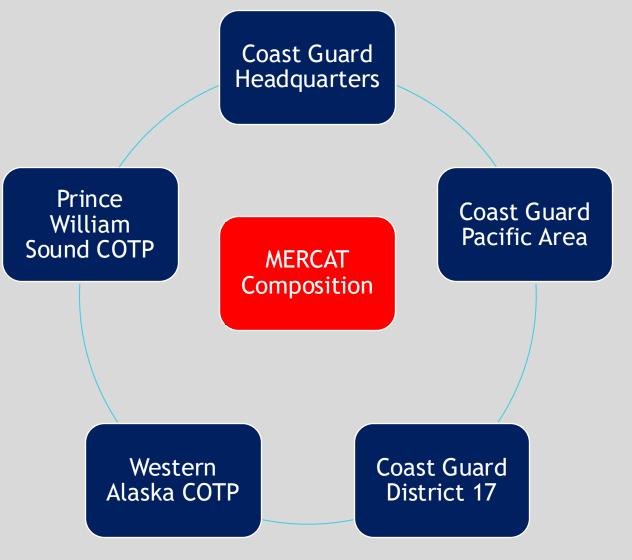
Request for Information on the Coast Guard Implementation of a Western Alaska Oil Spill Planning Criteria Program

A Notice by the Coast Guard on 12/04/2023 SUBMIT A FORMAL COMMENT Comments on this document are being accepted at Regulations.gov 25 comments received. View posted comments PUBLISHED DOCUMENT DOCUMENT DETAILS AGENCY: Printed version: PDF Coast Guard, DHS. Publication Date: 12/04/2023 ACTION: Agencies: Request for information. Department of Homeland Security Coast Guard SUMMARY: Dates: The Don Young Coast Guard Authorization Act of 2022 mandated the Coast Comments must be received by ÷ the Coast Guard on or before Guard create planning criteria for vessel response plans (VRPs) distinct to the March 4, 2024. Western Alaska and Prince William Sound Captain of the Port zones. These **Comments Close:** criteria must include minimum response times, improvements to wildlife 03/04/2024 $\mathbf{\overline{2}}$ response, and consideration of prevention and mitigation measures. The Coast Document Type: Guard seeks input from the public to establish these VRP planning criteria. The Notice information will assist the Coast Guard in potentially developing a regulatory Document Citation: proposal to support the mandate. 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

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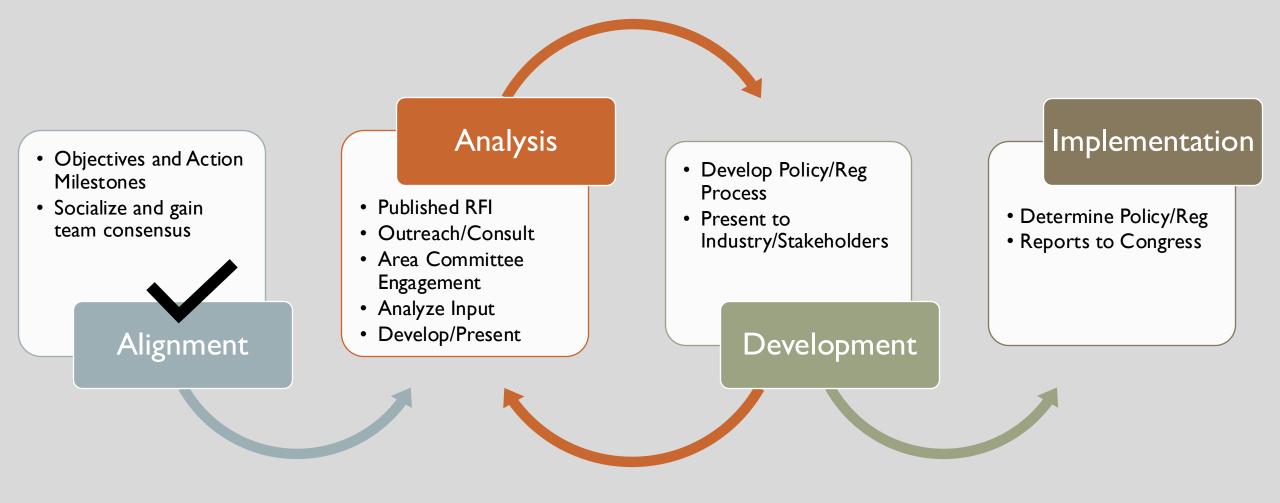
Environmental Protection Specialist, GS-0028-13 DEPARTMENT OF HOMELAND SECURITY U.S. Coast Guard How you will be evaluated Summarv This job is open to Duties Required documents How to Apply Requirements This job announcement has closed Summary 🖶 Print "This position reports to the Department of Homeland 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. Overview **Reviewing applications** Learn more about this agency Open & closing dates () 01/04/2024 to 01/14/2024 Help Salarv This job is open to \$112,015 - \$145,617 per year Pay scale & grade (A) Individuals with disabilities Federal employees - Competitive GS 13 service Current or former competitive service federal Location employees. 1 vacancy in the following location: Land & base management Military spouses Anchorage, AK Certain current or former term or temporary federal employees of a land or base management agency.

- 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.

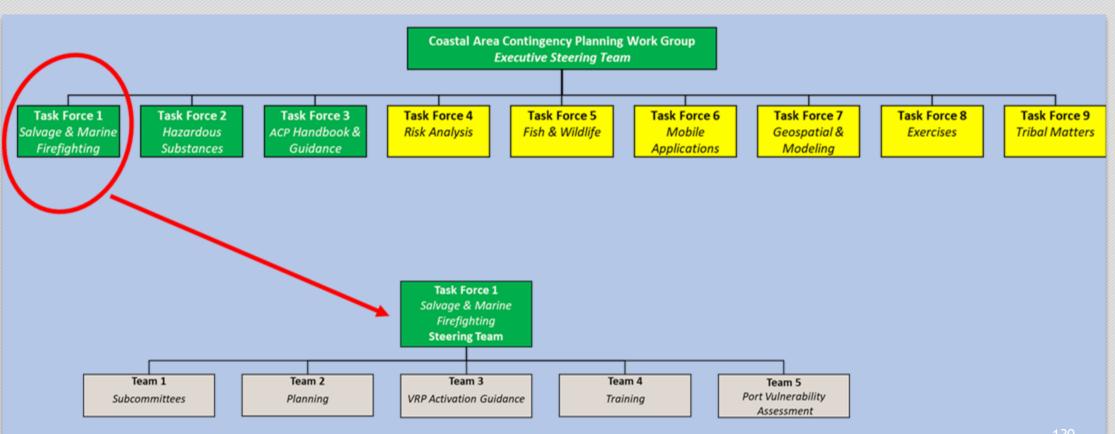


Marine Environmental Response Criteria Action Team (MERCAT) Way Forward





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



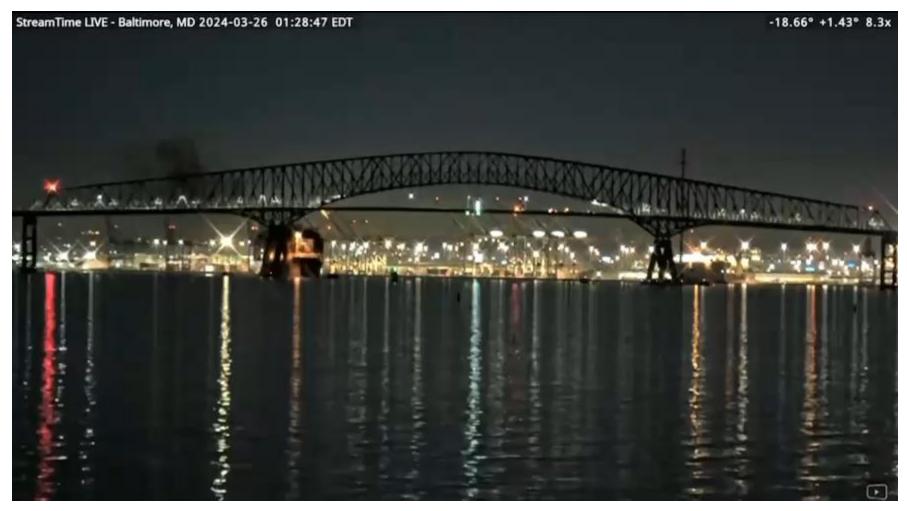
Francis Scott Key Bridge Salvage Response





0129, 26 March 2024





Baltimore, we have a problem....

Background



At 0129 on 26 March 2024, the Francis Scott Key bridge collapsed following a vessel allision 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 allided 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.

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.

SUPSALV tasked two of its emergency contractors – Donjon Marine, its ZONE A salvage contractor and GPC - operator of SUPSALV's Emergency Ship Salvage Material (ESSM) system - to commence mobilization.

This was the start of an unprecedented multi-agency 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.



Daunting Salvage Task

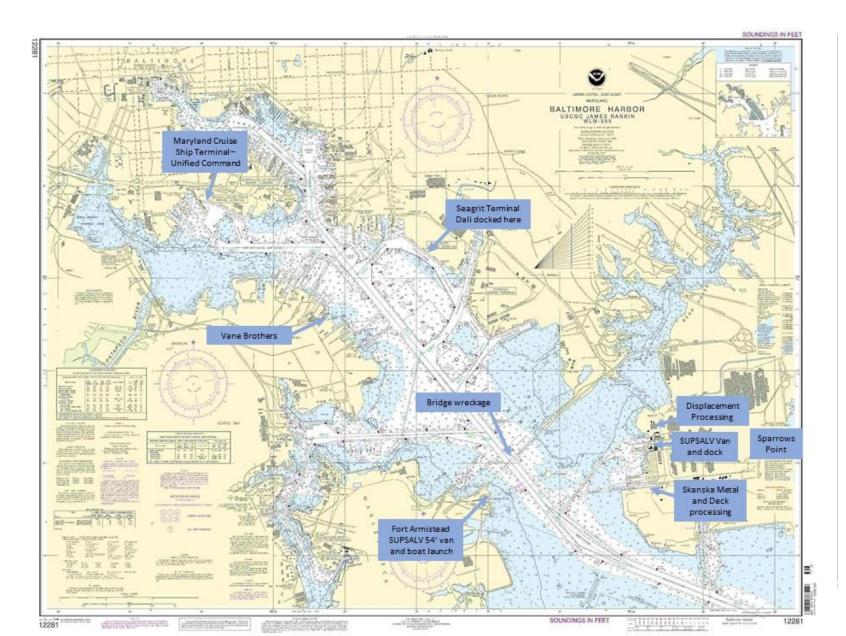


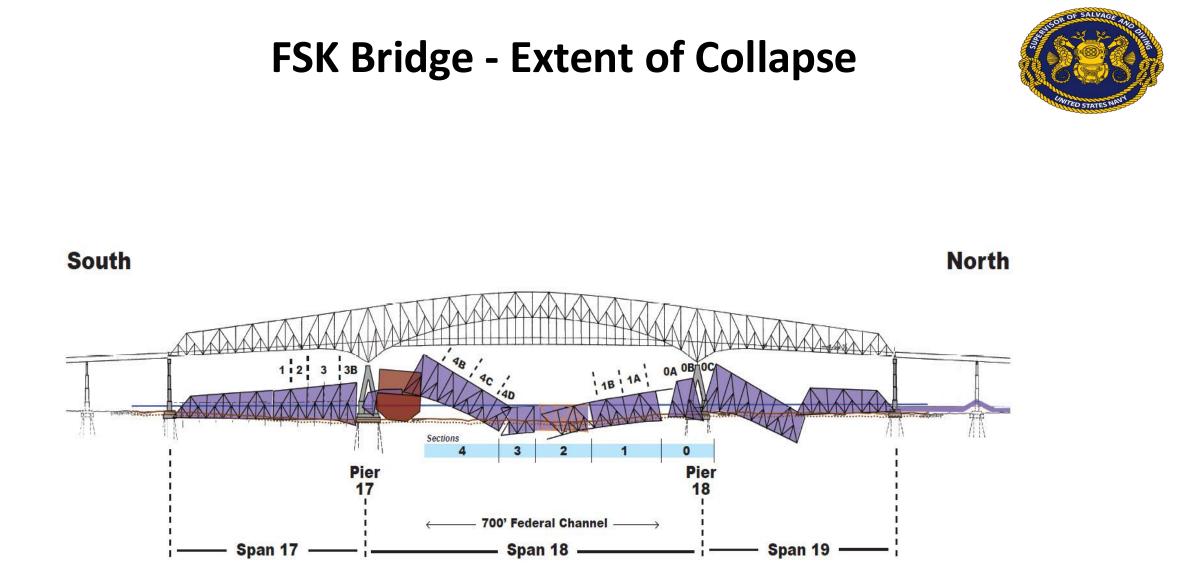
- > 16,000 tons of steel
- > 20,000 tons of concrete and roadway material
- > 50' channel reduced to complete blockage
- > 10-20' depth outside channel restricts almost 100% of commercial traffic
- Three simultaneous tasks
 - Channel clearance
 - Removal of M/V DALI
 - Removal of bridge wreckage outside main channel



Port of Baltimore – Terminals and Uses

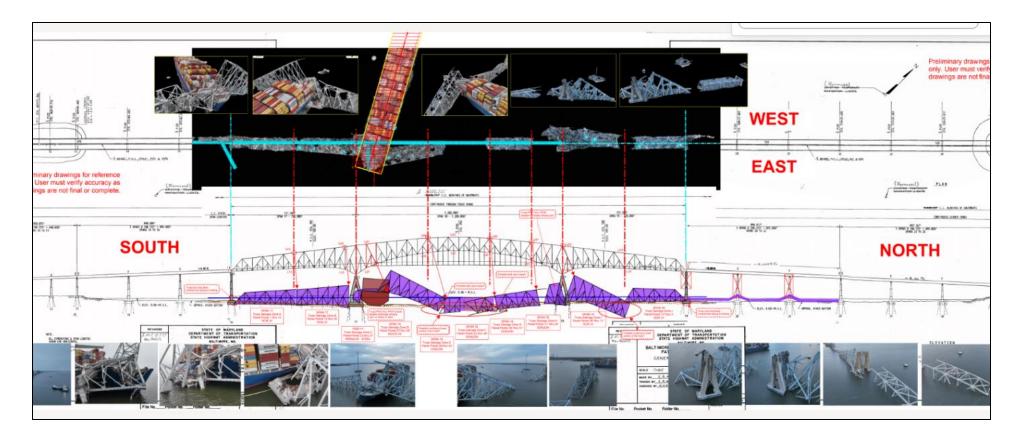






FSK Bridge - Extent of Collapse

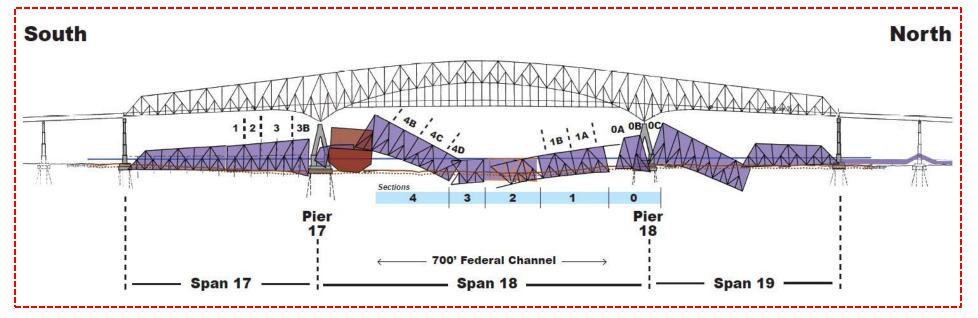




The Salvor's Challenge



- Six souls missing at beginning of operations
- > At least five large sections, all indeterminately connected
- > 20,000 tons of concrete and roadway M/V DALI pinned 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



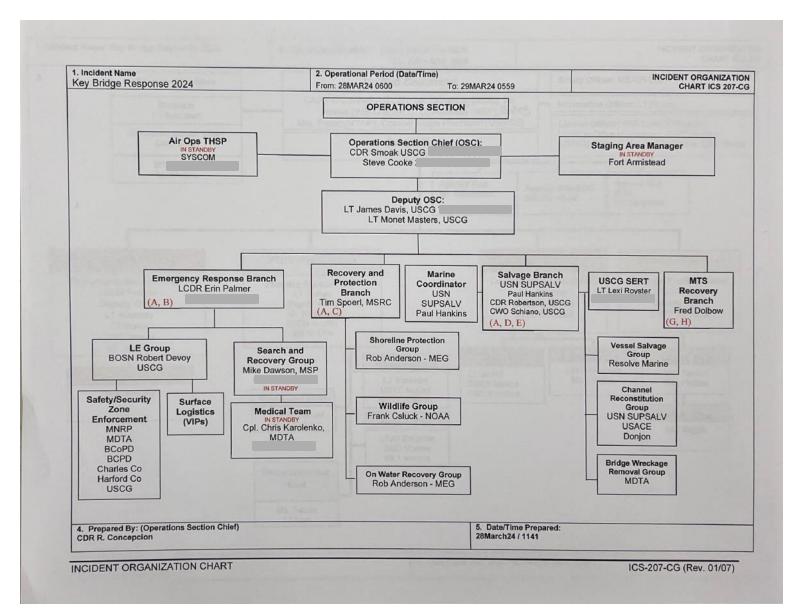
Salvage Coordination

- SUPSALV 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
 - Coordinated with
 - Vessel's salvors, Resolve Marine, and
 - Maryland Transportation Authority's non-navigation channel response team, Skanska.
- Very tight timelines and milestones
 - Milestone 1: Open the channel to limited traffic outside Federal channel
 - Milestone 2: Open Federal channel to oneway traffic; 35 feet draft limitation
 - Milestone 3: Open Federal channel to oneway traffic; 42 feet draft limitation
 - Milestone 4: Open Federal channel to twoway traffic; 42 feet draft limitation
 - Milestone 5: Fully open the Ft McHenry navigational channel



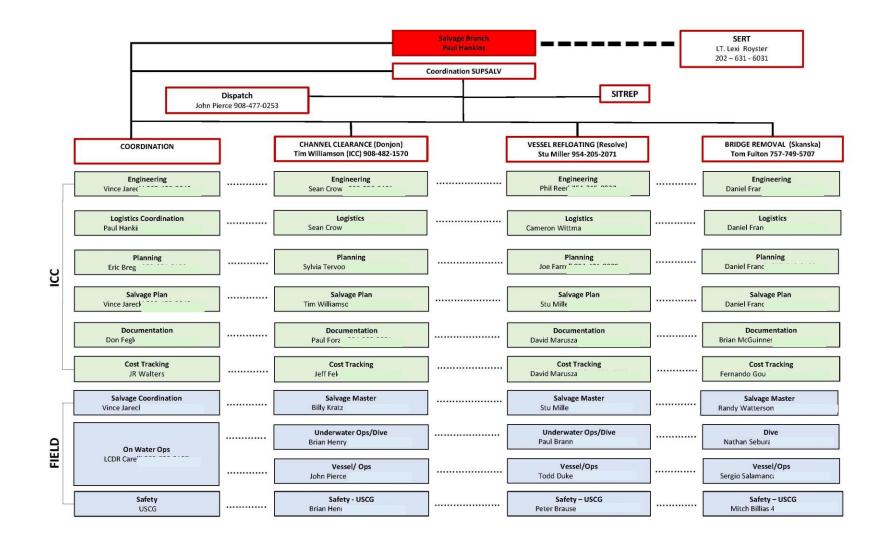
Overall ICS Organization





Salvage Branch Organization





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



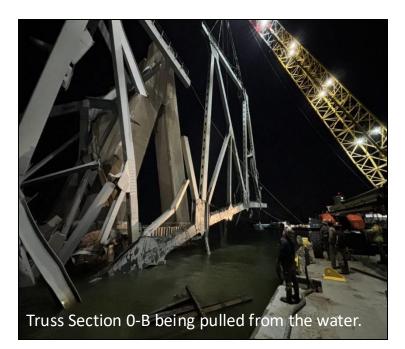
Priority 1: Open Federal channel

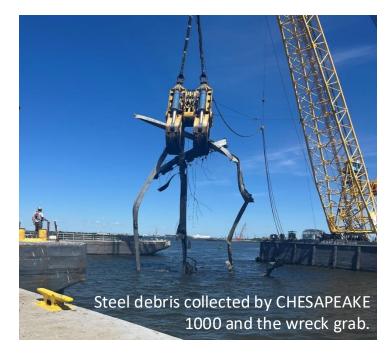


Responsibility: USACE requested SUPSALV support

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.





Priority 1: Open Federal channel



Capabilities and Equipment utilized:

<u>SUPSALV</u>

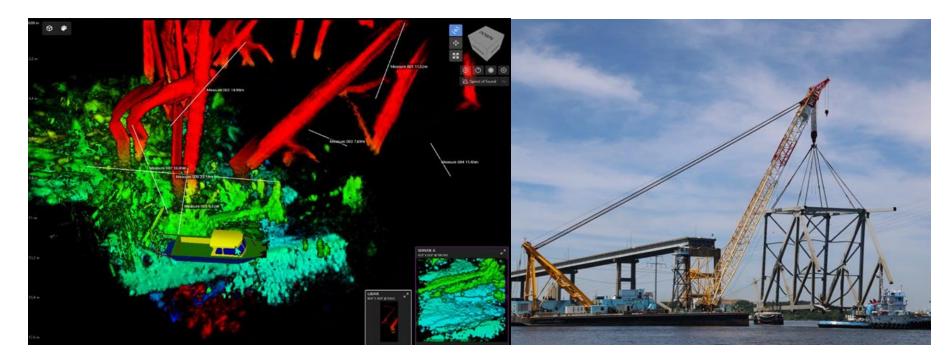
Emergency salvage contracts (Donjon Marine & GPC) CODA Octopus sonar/LiDar sensor – underwater mapping (real time and historical capture) Automatic Identification System install on all waterborne assets for operator SA

<u>Donjon</u>

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





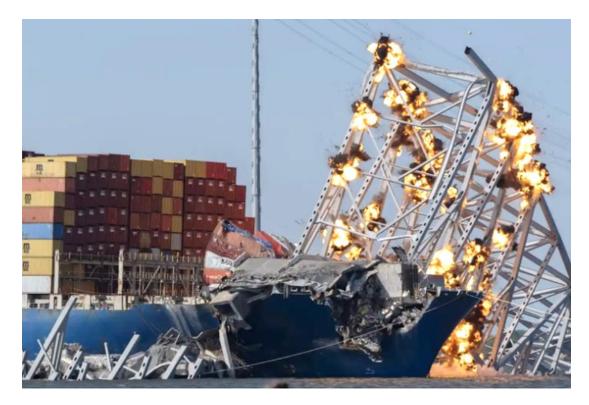
CODA imagery of truss 4-B as it was lifted from the mud. With this tool, specific hang ups to truss section 4-C were identified and mitigated

Chesapeake 1000 lifting truss 4-B

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

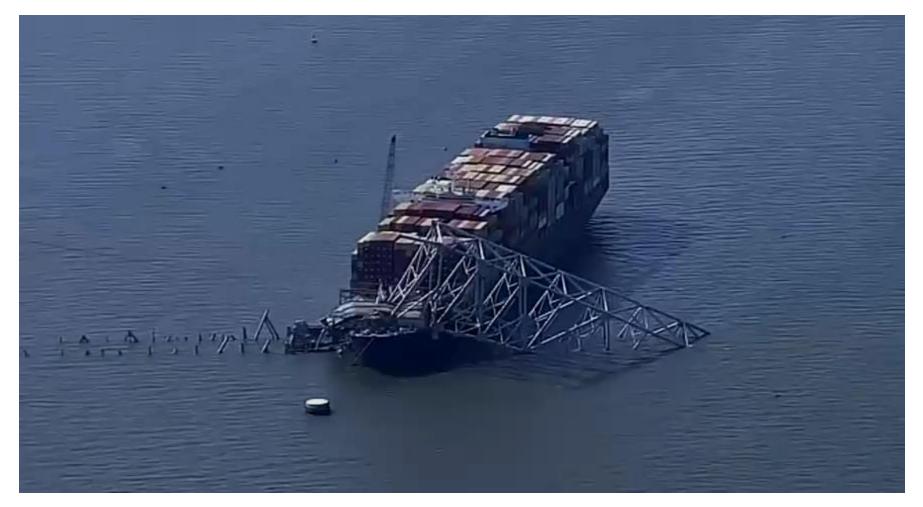
Primary on-water participants: Resolve Marine; SUPSALV coordination

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











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





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



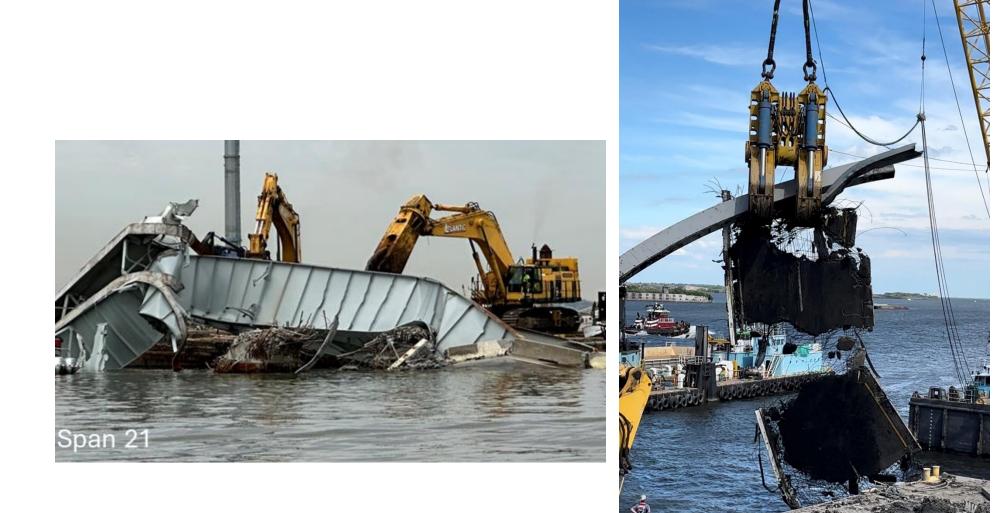
Capabilities and Equipment utilized:

<u>SKANSKA</u>

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

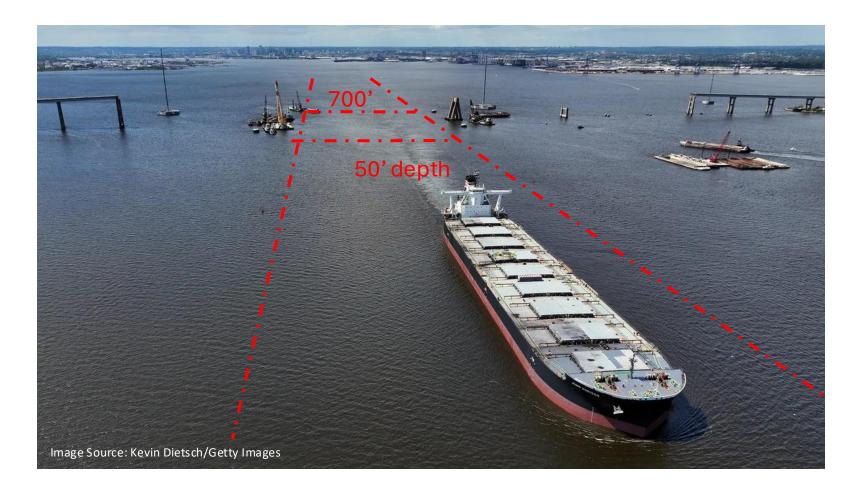
Priority 3: Bridge wreckage removal





Results

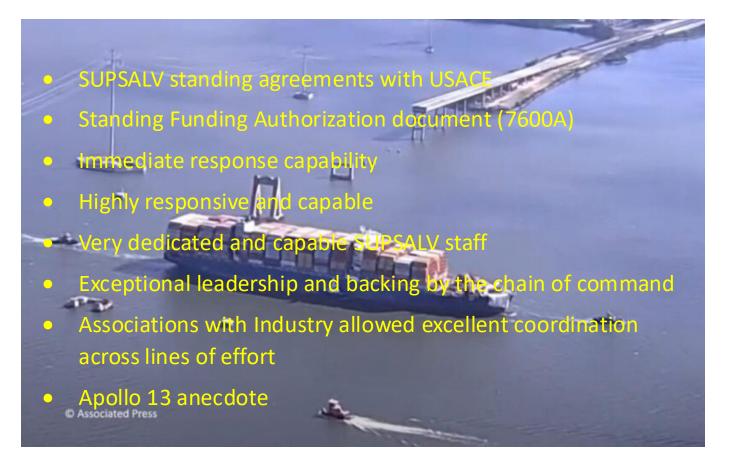




The full (700' wide x 50' deep) Ft McHenry Federal Navigation Channel was certified for unrestricted operations on 10 JUN 2024.

(A Few) Reasons for Success



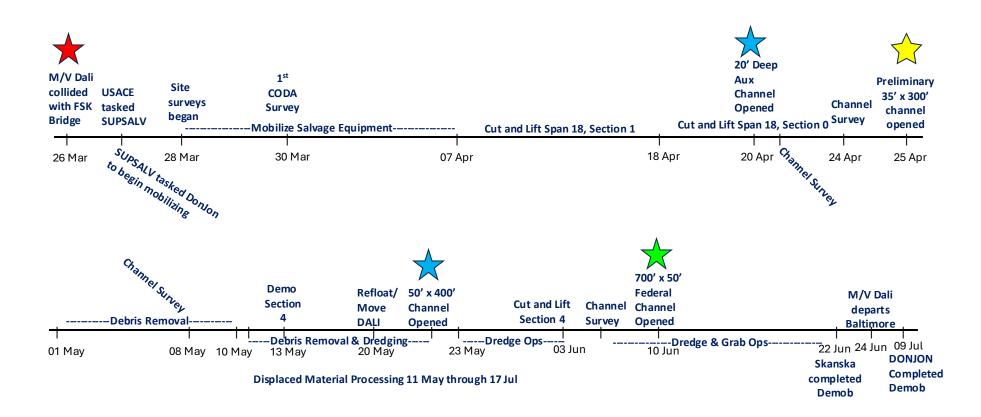


Almost 3 months to the day, on 24 June, M/V DALI departs Baltimore.

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

Milestone Timeline









Alaska RRT

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



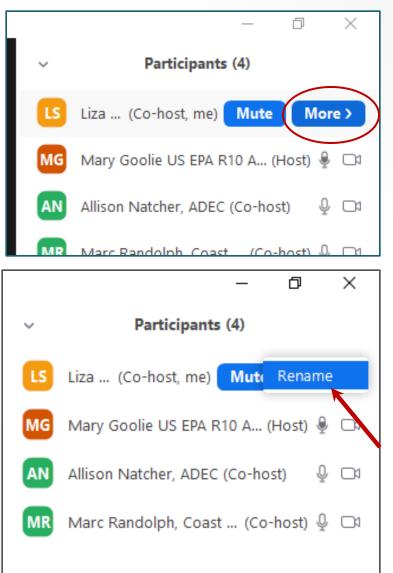


ARRT TRI-CHAIR & OSC MEETING WITH ARRT COORDINATORS, PLANNERS AND AREA SECRETARIES – SEPTEMBER 11, 2024

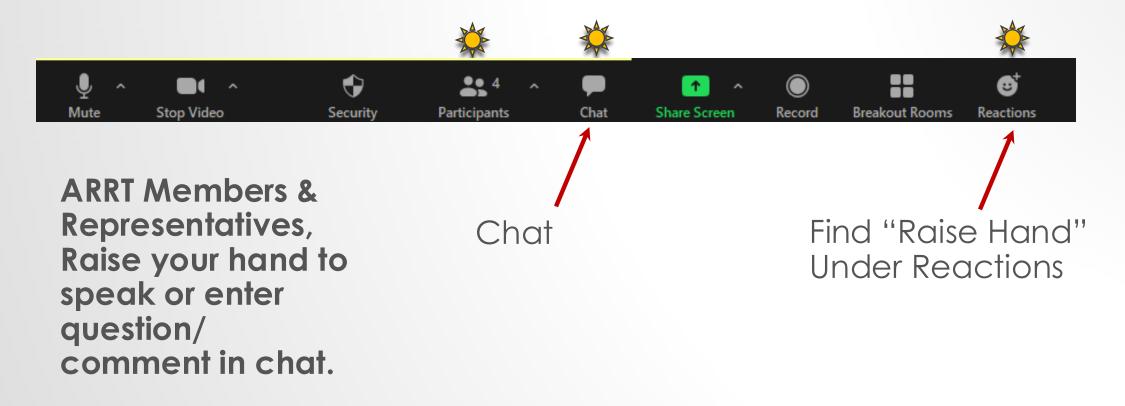
Tips: Using Zoom

Change your name to, FULL NAME and AGENCY

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



ZOOM TIPS: RAISE HAND AND CHAT



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

WELCOME & INTRODUCTIONS



Alaska Regional Response Team











OSC EXPECTATIONS: WHAT ARE YOUR EXPECTATIONS OF THE ARRT?





AREA COMMITTEE UPDATES

REQUEST FOR ASSISTANCE FROM AREA COMMITTEES

Prince William Sound	Continued support for GRS/GIS project
Arctic and Western Alaska	Support for continued tribal engagement and Western Alaska Planning Criteria Support
	Backing for continued improvement for GRS/GIS data management
	Subject Matter Expert recommendations to stand-up SMFF Task Force under Area Committee construct
Southeast Alaska	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



TRANSITIONS WITHIN THE AREA COMMITTEES

Federal and State On-so.

ska RRT

ARCTIC AND WESTERN ALASKA PRINCE WILLIAM SOUND SOUTHEAST ALASKA ALASKA INLAND





ACP RESTRUCTURING WORKSHOP REVIEW



ARRT ACTIVATION NOTIFICATION (WHAT ARE THE STEPS TO ACTIVATE THE RRT?)

Federal and State On-sca

Ska RRT





MEETING CLOSE-OUT AND PARKING LOT ITEMS



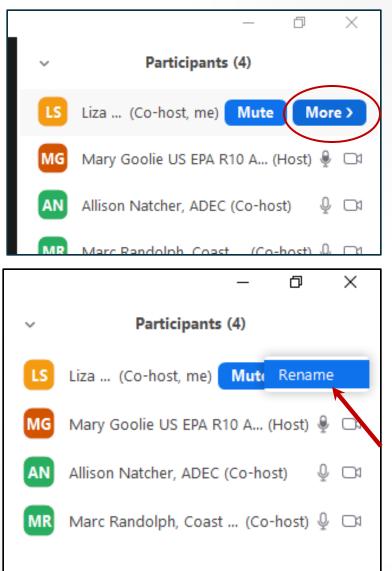
MEMBER MEETING - SEPTEMBER 11, 2024



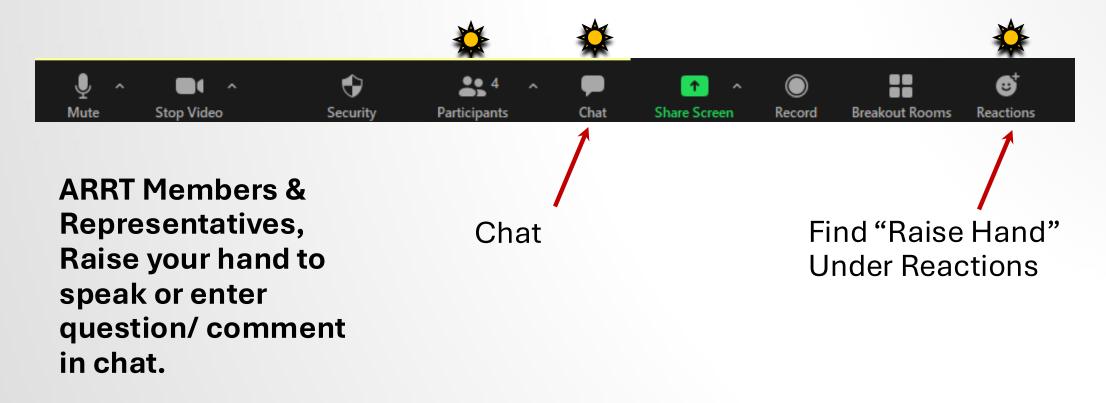
Tips: Using Zoom

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ZOOM TIPS: RAISE HAND AND CHAT



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

WELCOME & INTRODUCTIONS



Alaska Regional Response Team







Request for Assistance from Area Committees

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	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



REVIEW OF BIENNIAL WORK PLAN

ARRT BWP 2024 MARCH.PDF (ALASKARRT.ORG)



iss federal and State On-scene

rdinators

Ska RRT



REVIEW OF TRIBAL GUIDANCE

ARRT TRIBALGUIDANCE 2020.PDF (ALASKARRT.ORG)



is federal and State On-scene

rdinators

XA RRT





REVIEW OF THE DRAFT ALASKA TRIBAL GUIDANCE



CHECK-IN WITH COMMITTEES/TASK FORCES

Federal and State On-scen

CULTURAL RESOURCES COMMITTEE WILDLIFE PROTECTION COMMITTEE SCIENCE AND TECHNOLOGY STATEWIDE PLANNING COMMITTEE REGIONAL STAKEHOLDER COMMITTEE TASK FORCE



ALASKA RCP ANNEX PART 9 REVIEW

ALASKA RCP V2 2022FEB.PDF (ALASKARRT.ORG)



ing rederal and State On-scene Coord

Alaska RRT





ARRT MEMBER ROUND TABLE





MEETING CLOSE-OUT AND PARKING LOT ITEMS