



ARCTIC AND WESTERN ALASKA AREA COMMITTEE MEETING

Pollution Response Topics

AWA AC POLLUTION RESPONSE TOPICS

- Response Trends and Enforcement/Case Study
 - James Nunez (USCG), SOSC Unit Leaders (ADEC)
- Special Topics: USCG VOSS/SORS Program Changes
 - Matt Odum (USCG)
- Special Topics: AWA Area Contingency Plan version 2018.1
 - Craig Ziolkowski (ADEC), Jereme Altendorf (USCG)
- Special Topics: Lightering Zones
 - Walt Tague (Crowley Fuels)



ARCTIC AND WESTERN ALASKA AREA COMMITTEE MEETING

Pollution Response Topics:

Response Trends & Enforcement/Case Study

RESPONSE TRENDS & ENFORCEMENT

May 2019 – November 2019:

Reports to the NRC for WAK COTP Zone: 175

Total potential: 336,366 gal of oil, 41,755lbs HAZMAT

Actual Discharged: 3,636 gal oil / 40,190lbs HAZMAT

16 Enforcement Actions:

LOW – 10, NOV – 5 (\$10,600), CP – 1 (\$4,000)

Oil Spill Liability Trust Fund expenditures:

\$282,000 response funding accessed for three cases

CASE STUDY

FV US INTREPID



May 7th: Fishing Vessel suffers ruptured hydraulic line resulting in an oil discharge. Sector is usually unable to pursue enforcement in these cases as we are forced to rely on the responsible party to provide sufficient evidence for enforcement. NMFS observer onboard photographed the discharge and provided necessary evidence to pursue enforcement resulting in the assessment of a \$4k Class 1 Civil Penalty.

CASE STUDY

Crowley barge BC-152



June 18th: Single skin barge grounded in Naknek with 232,000 gallons of product. Illegally operating mobile facility discovered during transfer. CG personnel detected illegal operation due to conducting MSTF fishing vessel ops in King Salmon

CASE STUDY

Napakiak School



Aug : Kuskokwim River (currently) inching closer to the school's tank farm. 36,000 gallons of heating oil transferred to temporary tanks on opposite side of school. Total spent from OSLTF; \$16,693.

CASE STUDY

Barge Alaganik Fire Release



July 8, 2019: 3,800 gallons of fuel released during fire and sinking at the DeLong dock; incident impacted commercial use of the dock and surrounding area; featured successful, collaborative multi-agency coordination



ARCTIC AND WESTERN ALASKA AREA COMMITTEE MEETING

Pollution Response Topics:

Coast Guard VOSS/SORS Program Changes



POINTS OF CONTACT:

LT James Nunez james.d.nunez@uscg.mil

Mr. Matt Odum matthew.j.odum@uscg.mil



ARCTIC AND WESTERN ALASKA AREA COMMITTEE MEETING

Pollution Response Topics:

Area Contingency Plan 2018.1 Orientation

AWA ACP 2018.1 ORIENTATION

- Alaska's Regional and Area Contingency Planning (then & now)
- Arctic and Western Alaska Area Contingency Plan Version 2018.1
- Purpose of the plan and challenges
- References and Tools
- Question & Answer

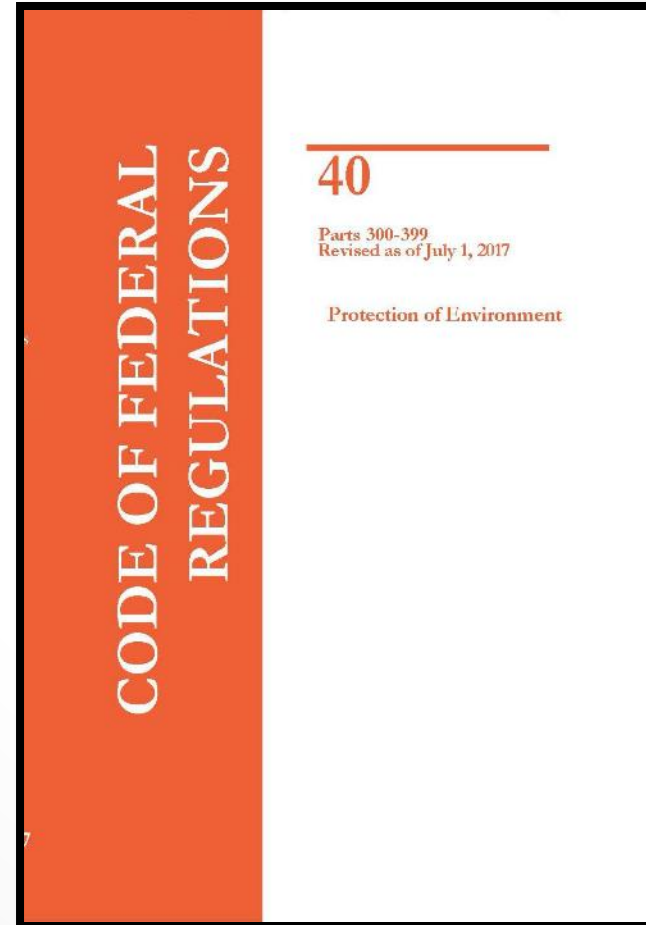
ALASKA'S RESPONSE FRAMEWORK FOR OIL DISCHARGES AND HAZARDOUS SUBSTANCE RELEASES

- Evolution of Alaska's response plans
 - Unified Plan (*Alaska Federal/State Preparedness Plan for Response to Oil and Hazardous Substance Discharges/Releases*)
 - 10 Subarea Contingency Plans

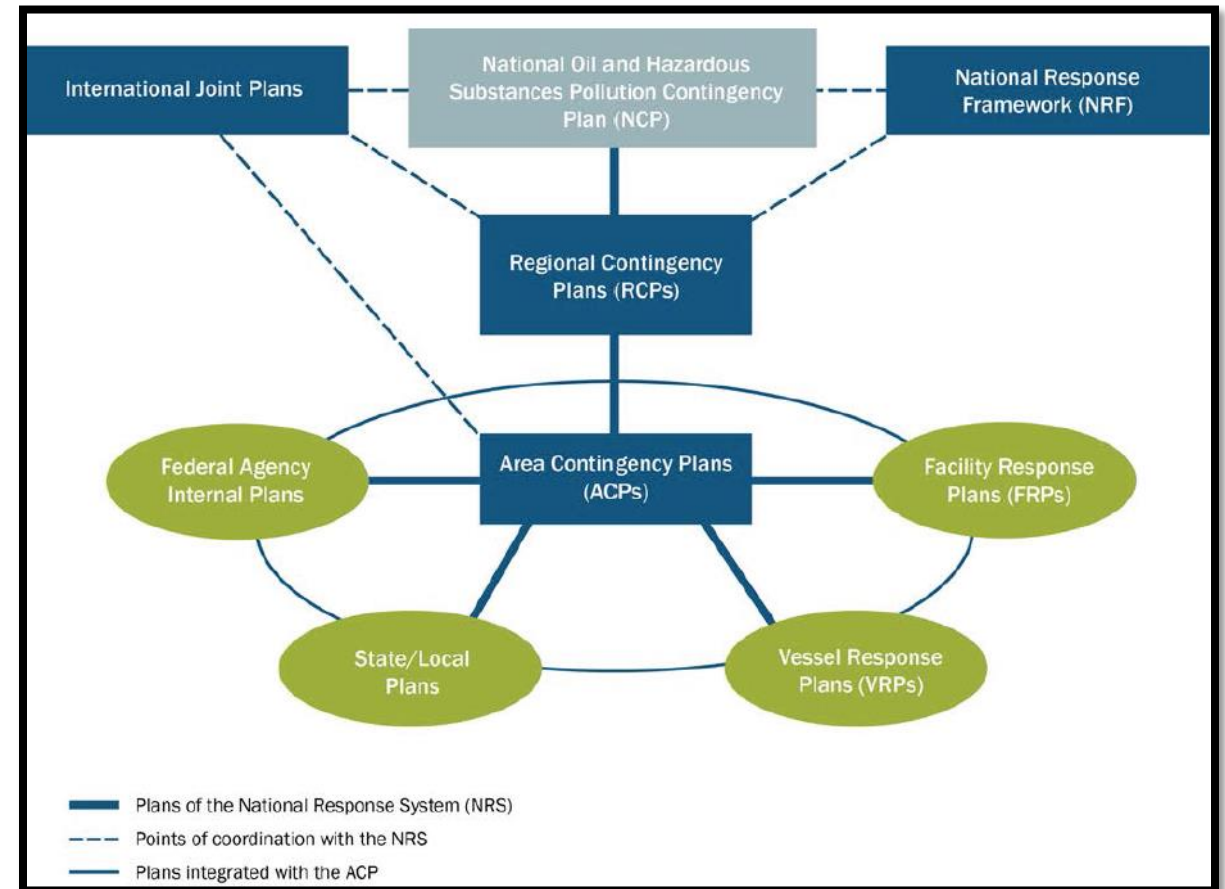


NATIONAL OIL AND HAZARDOUS SUBSTANCES POLLUTION RESPONSE PLAN (NCP)

- Federal Government's Blueprint for pollution responses
- **Alaska Regional Contingency Plan (RCP)** describes jurisdictional authorities, provides **GUIDANCE TO PLANNERS**, includes regional NCP directives as well as applicable MOUs/MOAs
- **Area Contingency Plans (ACPs)** are developed to directly **SUPPORT RESPONSE OPERATIONS** and planning. They are organized by ICS section and signed by Federal and State OSCs

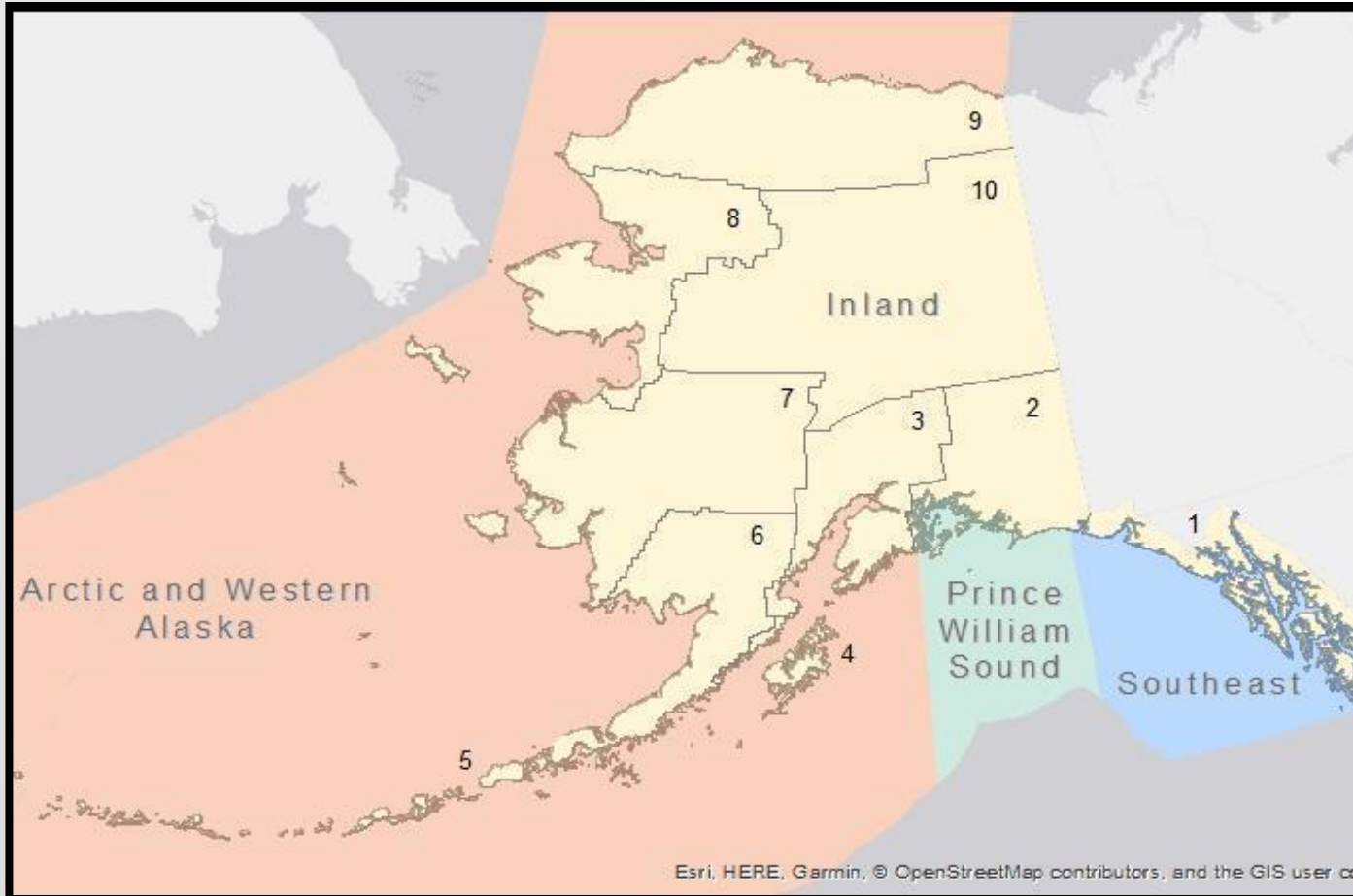


NCP FAMILY OF PLANS: ALASKA'S RESPONSE PLANS



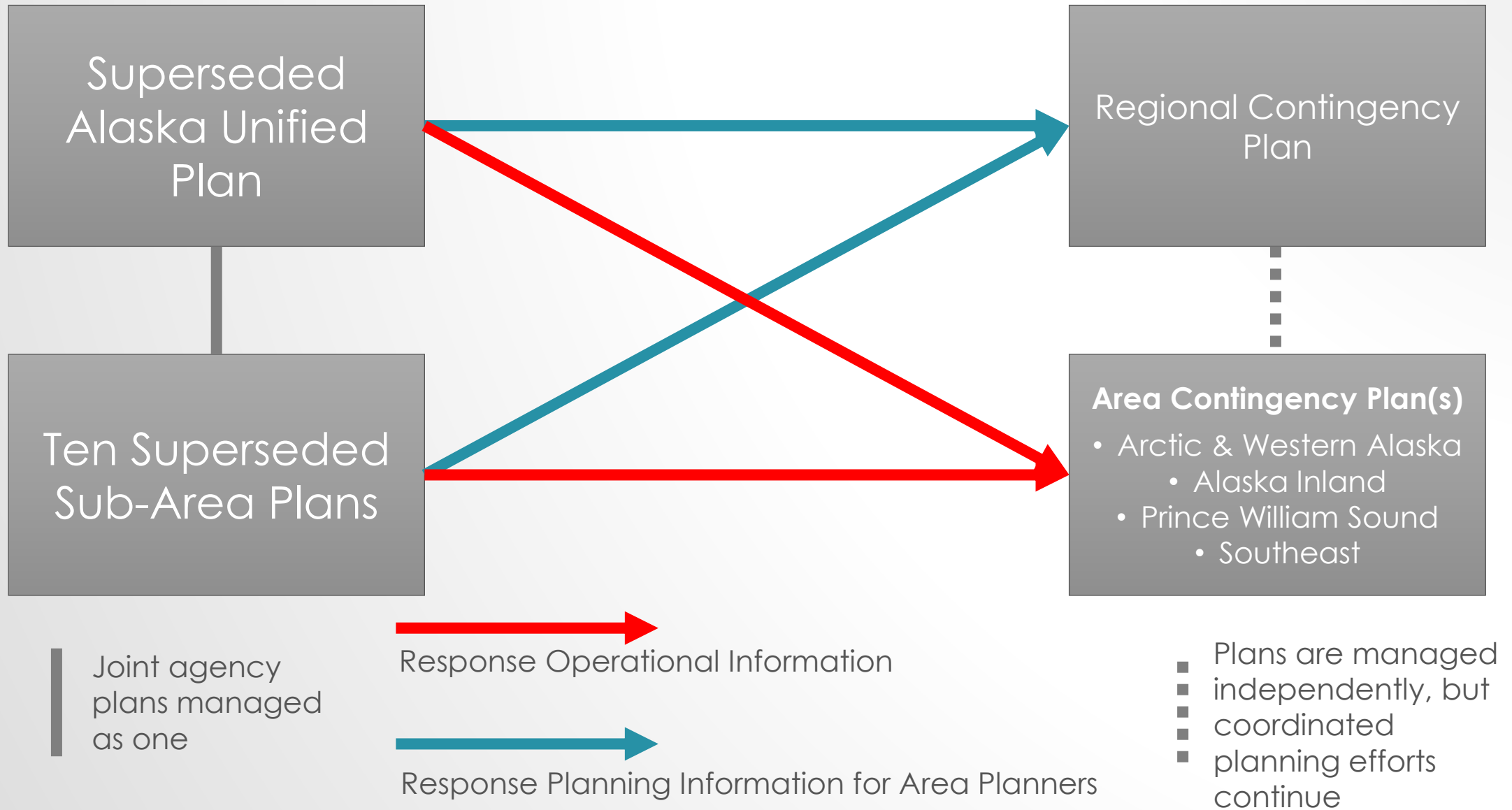
NCP 40CFR300.205(g) Figure 4

ALASKA'S REGIONAL AND AREA CONTINGENCY PLANNING



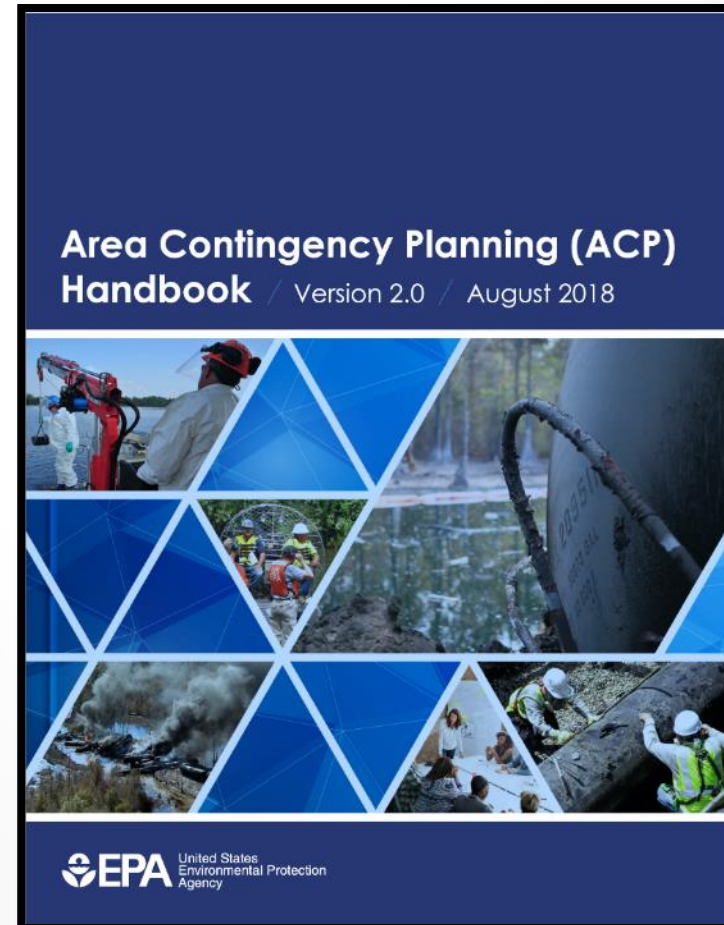
- 4 Area Contingency Plans
 - Arctic & Western Alaska
 - Inland
 - Prince William Sound
 - Southeast
- 10 Geographic Zones
- 1 Regional Contingency Plan
 - General Policy/Authorities
 - Dispersants
 - *In situ* Burning
 - Historic Property Protection Implementation Guidelines

PLANNING TRANSITION DIAGRAM



ALASKA'S REGIONAL AND AREA CONTINGENCY PLANNING

- The RCP and ACPs meet requirements of the NCP and ADEC Statute, with additional policy guidance provided by:
 - USCG Marine Environmental Response Manual
 - EPA Area Planning Handbook
 - State of Alaska Statutes (AS)46.04.200, AS 46.04.210, and Administrative Order No.170



Regional Contingency Plan

- Planner Centric
- Region-wide policy issues
- Signatory: ARRT (EPA, CG, & ADEC)

Area Contingency Plan

- Responder Centric
- Resources and response procedures
- Signatory: Federal and State OSCs

PURPOSE OF THE AREA PLANS AND CHALLENGES

1. Responder-friendly & operationally-focused
 - Reduced AWA ACP from 800+ to ~150 pages
2. Modernized for web-based resources and mobile access
3. Optimizing available planning resources
4. Sustainable plan management
 - Efficient hyperlink management
 - Focused efforts by statewide or area-sponsored subcommittees or workgroups
5. Future Goal: ADA-Accessibility of Plan and websites; HTML plan format

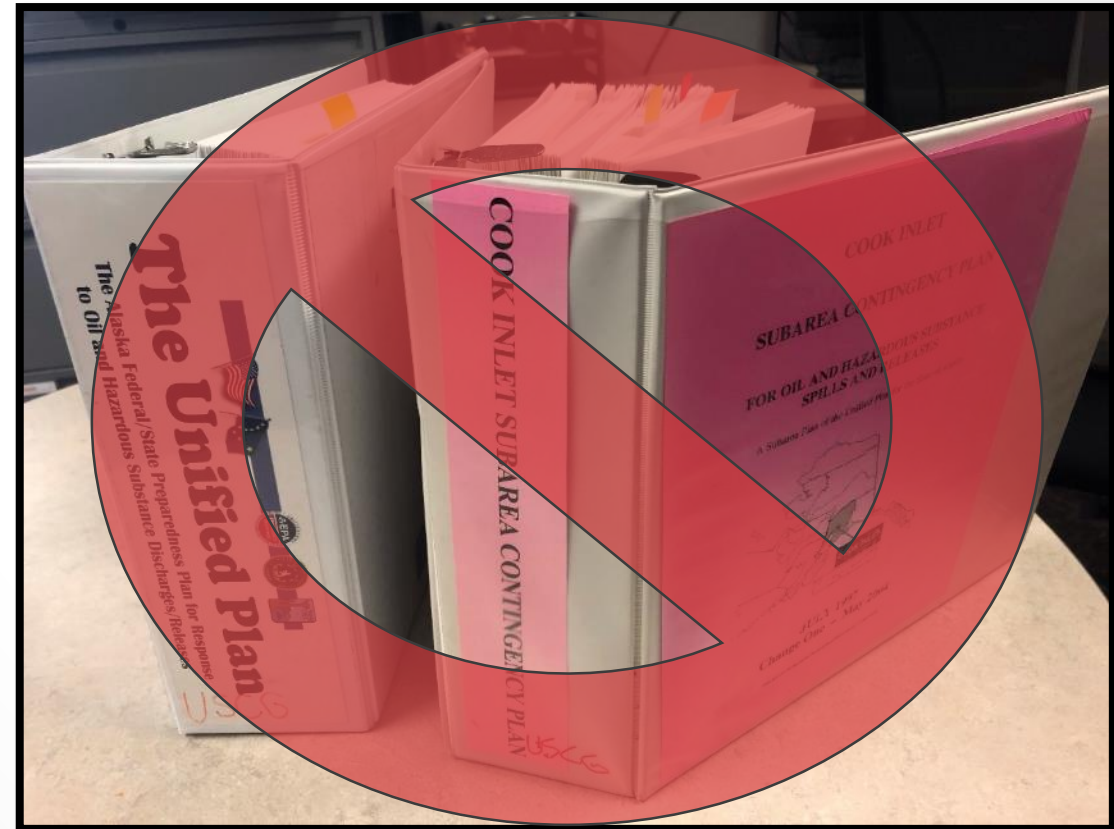


Image of superseded Unified Plan & Cook Inlet Subarea Plan
(Not shown: There are a total of 7 superseded subarea plans within the AWA Area)

VERSION 2018.1 OF THE ARCTIC AND WESTERN ALASKA AREA CONTINGENCY PLAN

ACP Organization mirrors ICS
structure supporting Response
Operations

Chapter & Section layout consistent
with USCG-required format


ARCTIC AND WESTERN ALASKA AREA CONTINGENCY PLAN

November 2019
Version 2018.1



REFERENCES AND TOOLS WEBSITE

- Centralized location for ACP references and tools
 - Optimizes the use of hyperlinks used by 4 different ACPs
 - Allows single location for frequent update and maintenance of information and hyperlinks
 - Information on the References and Tools Page is not owned by any one Area Committee or ACP signatory agency
- AC-owned documents and resources are maintained on each Area's webpage
- [Area Plan References and Tools](#)




THE GREAT STATE

ALASKA

Sáa uu dang giidaang?

(Kaat Kii) "Hello, how are you?"

[myAlaska](#)
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[State Employees](#)



Division of Spill Prevention and Response

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ARCTIC & WESTERN ALASKA AREA

The AWA Area Contingency Plan (AWA ACP) is an operational plan prepared by the AWA Area Committee for, and in consultation with, the responders responsible for its implementation. Plan content is intended to support the individuals that fill a response role and to achieve a coordinated and effective response to a pollution event. Additional references and tools to support a response linked within the ACP are available on the ADEC's website. These [references](#) and [tools](#) provide valuable information used to support a response to an oil discharge or hazardous substance release anywhere in Alaska.

The AWA state and federal On-Scene Coordinators seek participation from interested parties in the AWA Area Committee in our response preparedness efforts. If you would like to participate in the Area Committee, please contact the AWA Area Secretary, LCDR Matthew Hobbie at AWA-AC@uscg.mil.

The AWA Area Committee Charters consist of:

- [AWA AC Steering Committee Charter](#)
- [ACP Administration Subcommittee Charter](#)
- [External Communications Subcommittee Charter](#)
- [Exercise and Training Charter](#)
- [GRS Subcommittee Charter](#)
- [Regulator Coordination Advisory Subcommittee Charter](#)

AREA PLAN

[The Arctic & Western Alaska Area Contingency Plan, AWA ACP \(PDF 20M\)](#)
Last update: September 2018*

**Version 2018.1 of this plan is currently under public review. Visit the [response planning public review webpage](#) for more information, including how to comment.*

ASSOCIATED PLAN DOCUMENTS

Wildlife Protection

- [Pribilof Wildlife Protection Guidelines \(PDF 456K\)](#)

Marine Firefighting Plans

- [Cook Inlet Marine Fire Fighting Plan \(PDF 292K\)](#)
- [Kodiak Island Marine Fire Fighting Plan \(PDF 578K\)](#)
- [Aleutian Islands Marine Fire Fighting and Salvage Overview \(PDF 1M\)](#)



Risk Assessments

- [Cook Inlet Risk Assessment](#)
- [Aleutian Islands Risk Assessment](#)

Dispersant Use Avoidance Areas

- [Aleutians \(PDF 388K\)](#)

JOINT PARTNERSHIP

AREA CONTINGENCY PLAN LINKS

REFERENCES AND TOOLS
ARCTIC & WESTERN ALASKA
ALASKA INLAND
PRINCE WILLIAM SOUND
SOUTHEAST ALASKA

RESPONSE PLAN LINKS

REGIONAL AND AREA PLANS
PUBLIC REVIEW
SUPERSEDED PLANS
BACKGROUND INFORMATION
NATIONAL CONTINGENCY PLAN
ALASKA REGIONAL RESPONSE TEAM
DISASTER RESPONSE PLAN

ADEC WEBSITES

- [Regional and Area Contingency Plans](#)
- [AWA ACP webpage](#)
- Maps of Area
- "AC-owned" documents
 - Risk Assessments, Marine Firefighting and Salvage Plans, Committee and Subcommittee Charters
- [Area Plan References and Tools](#)



ARCTIC AND WESTERN ALASKA AREA COMMITTEE

Pollution Response Topics:

Lightering Zones



Western Alaska Fuel Distribution

Presentation for the Arctic and Western Alaska Area Committee:

Walt Tague

November 19, 2019

- Lightering an integral part of Western Alaska Freight and Fuel operations since the 1950's
- Fuel was brought in by Tanker and Barge and lightered to specialized river fleets
- Fuel was primarily sourced from West Coast Refineries
- Alaska uses Jet Fuel as the Arctic solution for Transportation, Heating and Power Generation
- Gasoline is conventional, ethanol blends are not suitable for Arctic use

Timeline: 1950-1989 *"Cold War"*



- Exxon Valdez Spill led to OPA 90
 - Double Hull Construction Standards
 - Planning Standard VRP National
 - * Increased Response Capabilities and Planning Standards

Also Included

- Alaska Exemptions to Double Hull Standards
- Single Hull Tank Barge Exemption for vessels under 1500 GRT
- West Coast market demand for Double hulls prolonged single usage in Western AK
- Avenue for the acceptance of Alternate Planning Criteria

Timeline: 1990-94

OPA 90 & Federal Regulations



- 2007 Tankers began to be utilized in Western Alaska to satisfy demand as West Coast Refineries were reconfigured for ULS/CARB Diesel Production

- West Coast Refineries Optimized Production and Storage for more ratable demand and available transportation of their local regions: LA, SF, PNW

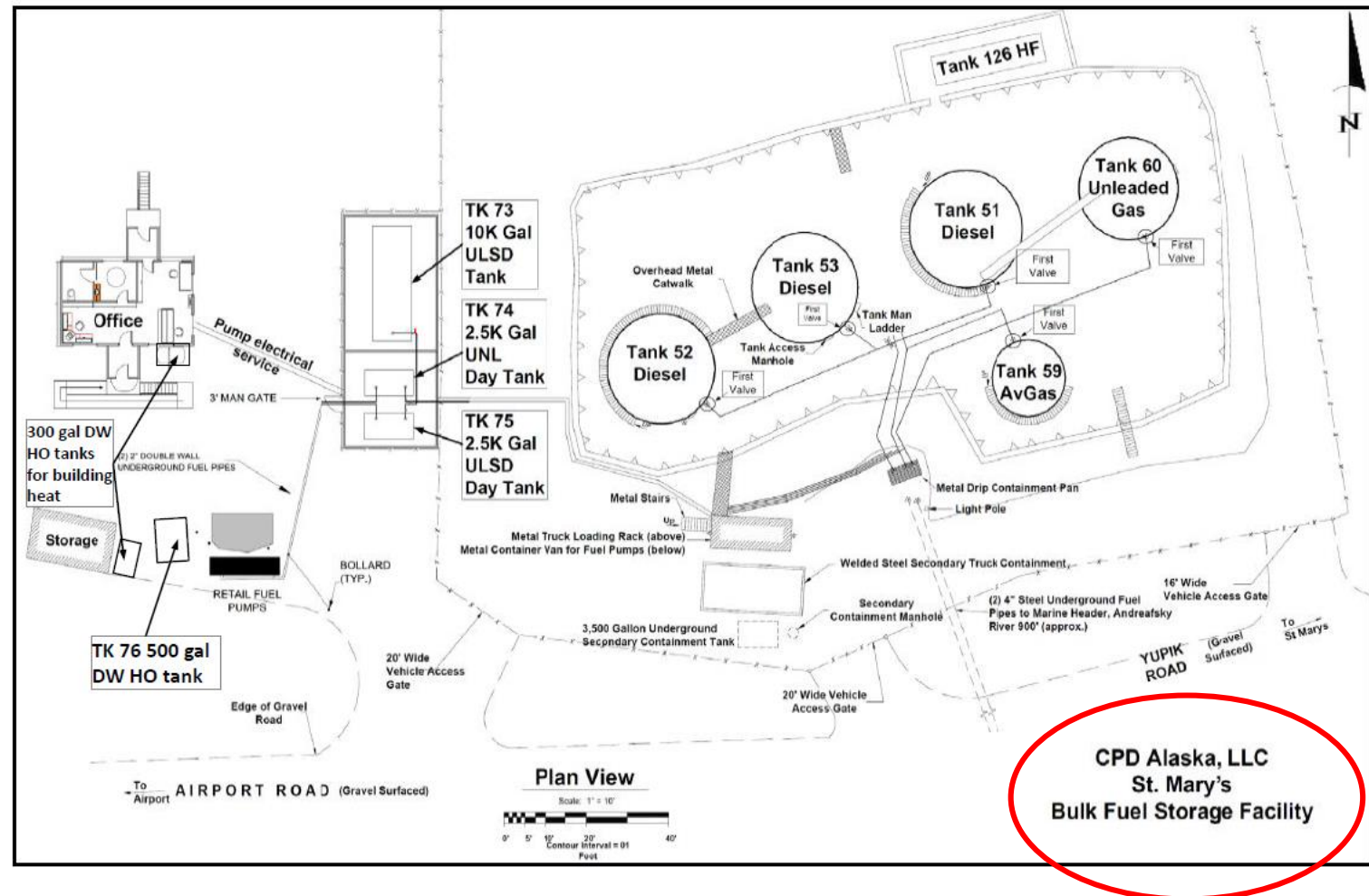
2010 Full ULS Implementation

- Storage Capacity Limitations in Western Alaska Villages

Before: 1 Product serves 3 purposes
After: 2-3 products for 3 Purposes

- Refining Capacity in Alaska reduced (Flint Hills North Pole)

Timeline: 2007-10 *Ultra Low Sulfur (ULS) Fuel Requirements*



- Virtually all seasonal re-supply is imported from Far East and Canadian Refineries

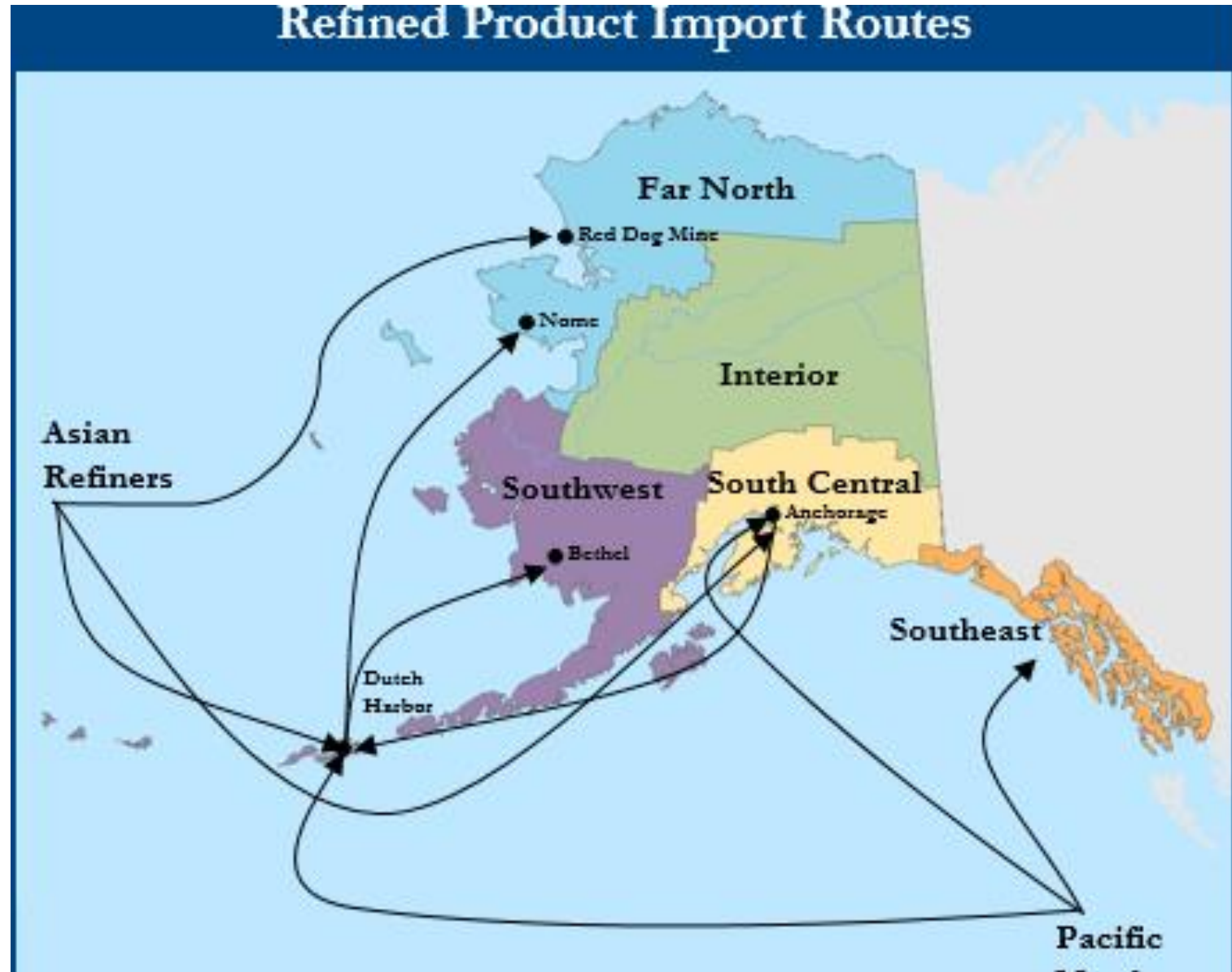
- Reduced refining capacity has lead to increased volatility on the West Coast

- Barge Fleets have been adapted to distribute fuel instead of haul

- Supply Economics have improved

- Tankers utilize Network Grp. 1 Tanker APC to operate in Alaska

Timeline: Today



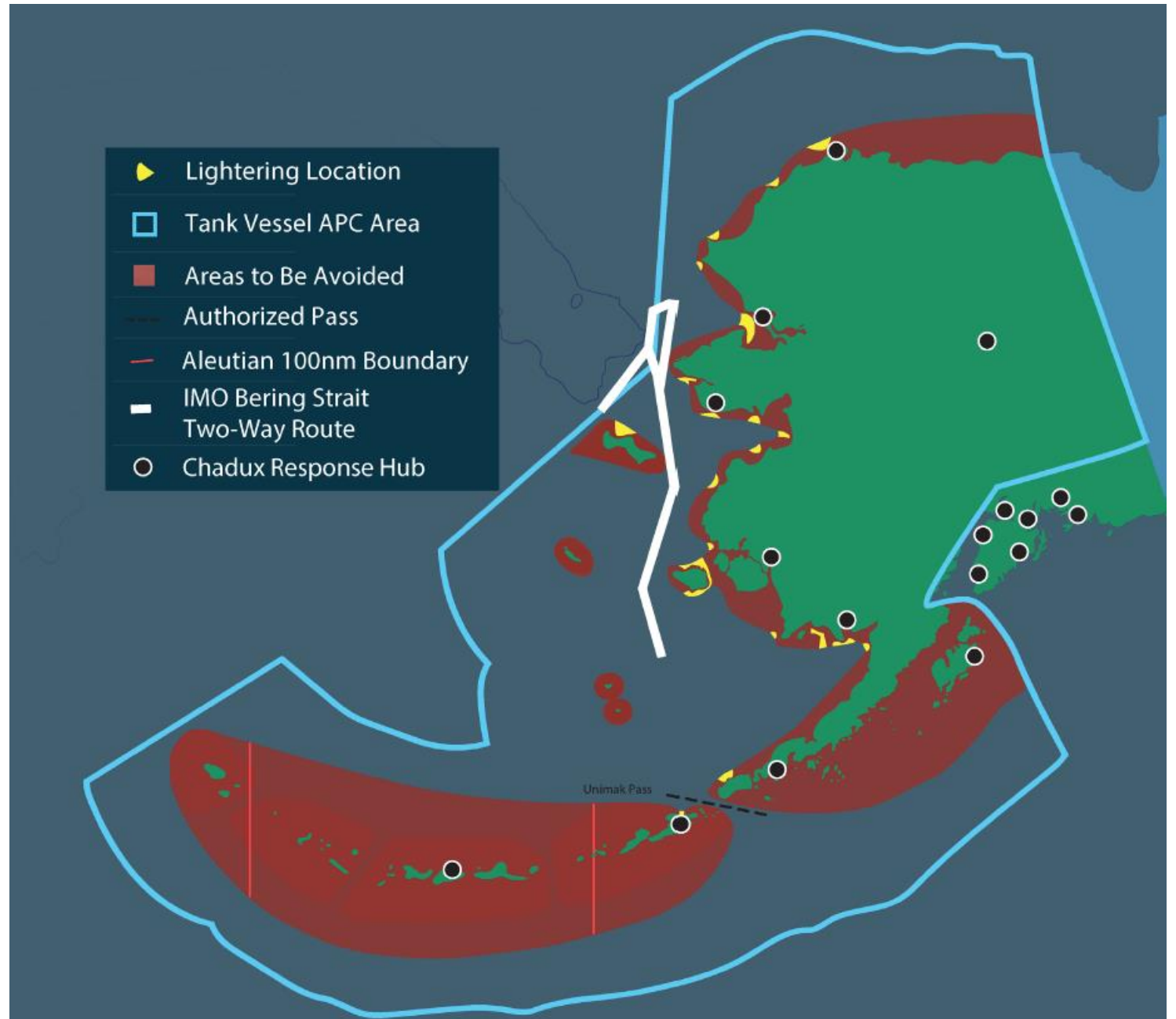
- Spring 2019 Sub-committee formed by the Board of Alaska Chadux Corporation (OSRO)
- Industry/Stakeholders
 - Federal (USCG/NOAA)
 - State (ADEC)
 - Ocean Conservancy
 - Alaska Marine Pilots Association
 - Alaska Marine Prevention and Response Network

Western Alaska Tanker Grp. I APC Sub-committee



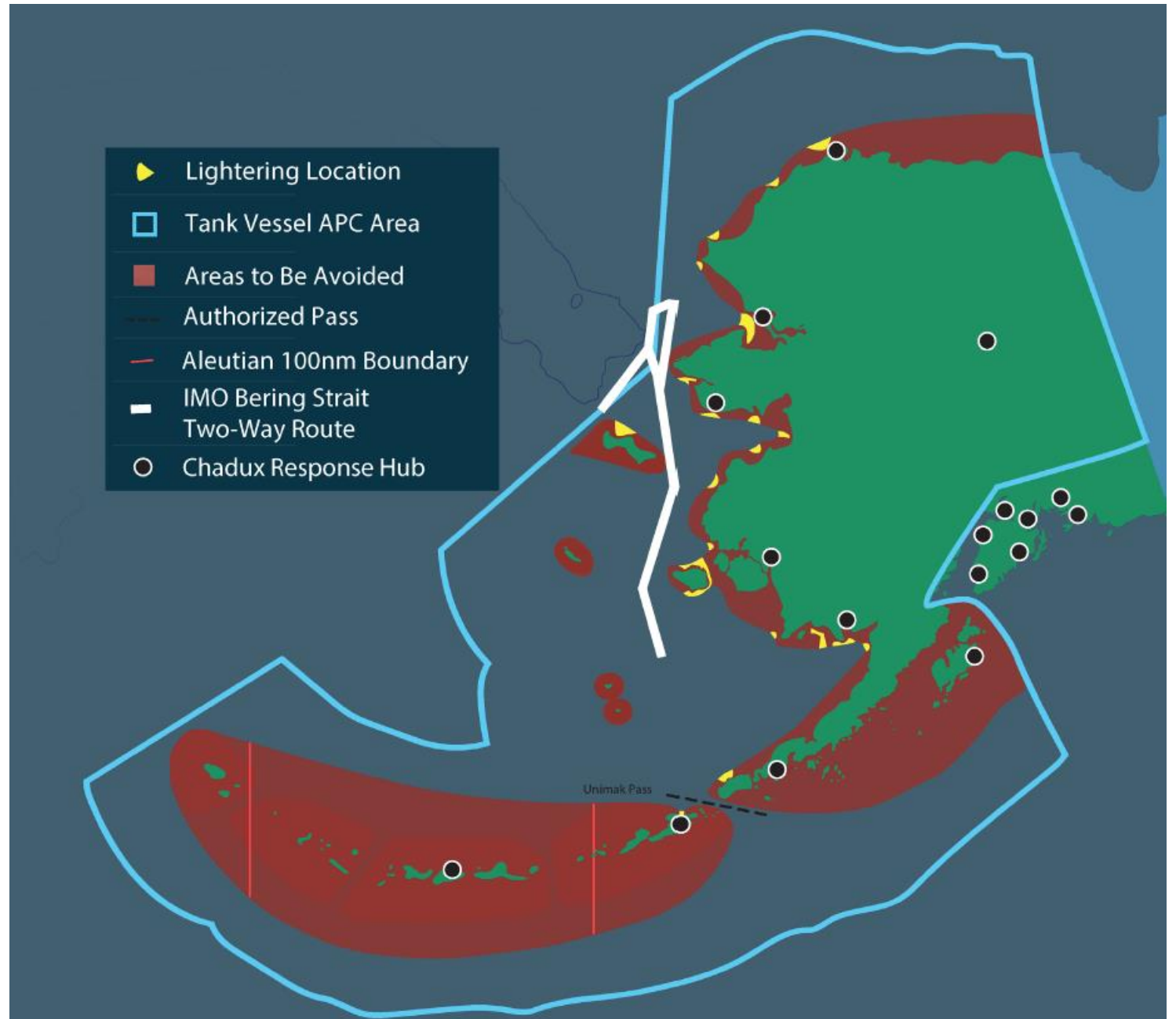
Western Alaska Tanker APC Sub-committee

- Evaluate the performance of ship-to-ship (STS) and ship-to-barge (STB) fuel oil transfer operations
- Review/monitor/assess specific lightering operations, routing and areas for operations;
- Develop mutually agreed to Best Practices and Standards of Care;
- Serve as advocate for the tanker operators to the communities it serves;
- Gather input from/serve as a liaison with relevant stakeholders;



Western Alaska Tanker APC Sub-committee

- Provide feedback to the Alaska Chadux Corporation Board of Directors and staff;
- Provide technical expertise of tanker lightering operations;
- Provide an independent/unbiased sounding board; and
- Assist the Board and staff in determining important activities and funding priorities.
- Serve as the primary contact for lightering tanker operators who rely on an Alternative Planning Criteria (APC) for their federal vessel response plan compliance





Questions?

**Western Alaska Tanker APC
Sub-committee**



ARCTIC AND WESTERN ALASKA AREA COMMITTEE MEETING

Lunch Break