

# SOUTHEAST ALASKA AREA CONTINGENCY PLAN

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Final Draft  
Version 2020.0

**September 2020**



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## APPROVAL LETTERS

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Insert Signed FOSC Letter

Insert Signed Southern Region SOSC Letter



## RECORD OF CHANGES

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VERSION #	APPROVAL DATE	SECTION(S)	PAGE(S)	CONTEXT/REASON FOR CHANGE
2020.0	Sept 2020	All	Entire Plan	<p>Completed annual validation of ACP in accordance with NCP (40 CFR 300.210), USCG and State of Alaska policy.</p> <p>Improved grammar and readability and removed duplicate language. Streamlined plan content for sustainable plan management; for example, consolidated external references on the new <a href="#">ADEC References and Tools website</a>.</p> <p>Chapter 7000 (Hazardous Substances) has been revised, in consultation with the Statewide Hazardous materials Response Team and Alaska Inland Area Committee's Hazardous Substance Working Group.</p> <p>To align with ICS and National policy, a description of a Multi-agency Coordination Group has been added (Section 2450).</p> <p>References and Tools boxes and website references have updated throughout.</p> <p>Definitions were revised.</p>

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## ACRONYMS AND ABBREVIATIONS

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1 The following list addresses the acronyms and abbreviations used in this ACP. Additional acronym  
2 resources are provided on the Area Plan References and Tools Webpage.

3	AAC	Alaska Administrative Code
4	AAR	After Action Report
5	AC	Area Committee
6	ACP	Area Contingency Plan
7	ADEC	Alaska Department of Environmental Conservation
8	ADF&G	Alaska Department of Fish and Game
9	ADHSEM	Alaska Division of Homeland Security and Emergency Management
10		(a division of ADMVA)
11	ADHSS	Alaska Department of Health and Social Services
12	ADMVA	Alaska Department of Military and Veterans Affairs
13	ADNR	Alaska Department of Natural Resources
14	ADOA	Alaska Department of Administration
15	ADOT&PF	Alaska Department of Transportation and Public Facilities
16	AIMS	Alaska Incident Management System
17	ADLaw	Alaska Department of Law
18	ALMR	Alaska Land Mobile Radio
19	ALOHA	Areal Locations of Hazardous Atmospheres
20	AMPD	Average Most Probable Discharge
21	ARRT	Alaska Regional Response Team
22	AS	Alaska Statute
23	ATSDR	Agency for Toxic Substances and Disease Registry
24	ATV	All-Terrain Vehicle
25	BLM	Bureau of Land Management
26	BOA	Basic Ordering Agreement
27	BSEE	Bureau of Safety and Environmental Enforcement
28	CAMEO	Computer-Aided Management of Emergency Operations
29	CERCLA	Comprehensive Environmental Response, Compensation, and Liability Act
30	CFR	Code of Federal Regulations
31	CHRIS	Chemical Hazards Response Information System

32	COTP	Captain of the Port
33	CWA	Clean Water Act
34	DCRA	Alaska Division of Community and Regional Affairs
35	DHS	U.S. Department of Homeland Security
36	DOC	U.S. Department of Commerce
37	DOD	U.S. Department of Defense
38	DOE	U.S. Department of Energy
39	DOI	U.S. Department of the Interior
40	DOT	U.S. Department of Transportation
41	DRAT	District Response Team
42	EAS	Emergency Alert System
43	EEZ	Exclusive Economic Zone
44	EHS	Extremely Hazardous Substance
45	EOC	Emergency Operations Center
46	EPA	U.S. Environmental Protection Agency
47	EPCRA	Emergency Planning and Community Right-to-Know Act
48	ERG	Emergency Response Guide
49	ESA	Endangered Species Act
50	ESI	Environmental Sensitivity Index
51	FAA	Federal Aviation Administration
52	FBI	Federal Bureau of Investigation
53	FEMA	Federal Emergency Management Agency
54	FOSC	Federal On-Scene Coordinator
55	FPN	Federal Project Number
56	GIS	Geographic Information System
57	GIUE	government-initiated unannounced exercises
58	GRS	Geographic Response Strategies
59	Hazmat	Hazardous Materials
60	HAZWOPER	Hazardous Waste Operation and Emergency Response
61	IAP	Incident Action Plan
62	IC	Incident Command
63	ICP	Incident Command Post
64	ICS	Incident Command System

65	IMH	Incident Management Handbook
66	IMT	Incident Management Team
67	IPAWS	Integrated Public Alert and Warning System
68	ISB	<i>In-situ</i> burning
69	JIC	Joint Information Center
70	LEPC	Local Emergency Planning Committee
71	LEPCA	Local Emergency Planning Committee Association
72	LEPD	Local Emergency Planning District
73	LERP	Local Emergency Response Plan
74	LOFR	Liaison Officer
75	LOSC	Local On-Scene Coordinator
76	MAC	Multi-Agency Coordinating Group
77	MARPLOT	Mapping Application for Response Planning and Local Operational Tasks
78	MMPD	Maximum Most Probable Discharge
79	MOA	Memorandum of Agreement
80	MOU	Memorandum of Understanding
81	NCP	National Contingency Plan
82	NIMS	National Incident Management System
83	NIOSH	National Institute for Occupational Safety and Health
84	nm	Nautical Mile
85	NMFS	National Marine Fisheries Service
86	NOAA	National Oceanic and Atmospheric Administration
87	NPDES	National Pollutant Discharge Elimination System
88	NPFC	National Pollution Funds Center
89	NPS	National Park Service
90	NRC	National Response Center
91	NRDAR	Natural Resource Damage Assessment and Restoration
92	NRF	National Response Framework
93	NRIA	Nuclear/Radiological Incident Annex
94	NRS	National Response System
95	NRT	National Response Team
96	NSF	National Strike Force
97	NWS	National Weather Service

98	ODPCP	Oil Discharge Prevention and Contingency Plan
99	OHSRPRF	Alaska Oil and Hazardous Substance Release Prevention and Response Fund
100	OPA 90	Oil Pollution Act of 1990
101	OSC	On-Scene Coordinator
102	OSHA	Occupational Safety and Health Administration
103	OSLTF	Federal Oil Spill Liability Trust Fund
104	OSRO	Oil Spill Removal Organization
105	PIO	Public Information Officer
106	POLREP	Pollution Report
107	PPE	Personal Protective Equipment
108	PPOR	Potential Places of Refuge
109	PRAC	Primary Response Action Contractor
110	PREP	Preparedness for Response Exercise Program
111	PRFA	Pollution Removal Funding Authorization
112	PWS	Prince William Sound
113	QRC	Quick Response Card
114	RAP	Radiological Assistance Program
115	RCC	Rescue Coordination Center
116	RCP	Regional Contingency Plan
117	RCRA	Resource Conservation and Recovery Act
118	REAA	Regional Educational Attendance Area
119	RIID	Radioactive Isotope Identifier
120	RP/PRP	Responsible Party/Potential Responsible Party
121	RPM	Remedial Project Manager
122	RRT	Regional Response Team
123	RSA	Reimbursable Services Agreements
124	SARA	Superfund Amendments and Reauthorization Act
125	SEAK	Southeast Alaska
126	SERC	State Emergency Response Commission
127	SITREP	Situation Report
128	SMFF	Salvage and Marine Firefighting
129	SOSC	State On-Scene Coordinator
130	SSC	Scientific Support Coordinators



131	STAR	Spill Tactics for Alaska Responders
132	START	Superfund Technical Assessment and Response Team
133	SUPSALV	U.S. Navy, Supervisor of Salvage
134	UC	Unified Command
135	USACE	U.S. Army Corps of Engineers
136	USCG	U.S. Coast Guard
137	USFS	U.S. Forest Service
138	USFWS	U.S. Fish and Wildlife Service
139	WCD	Worst Case Discharge
140	WPG	Wildlife Protection Guidelines for Oil Spill Response in Alaska

## INITIAL EMERGENCY CONTACTS

**The area code for all phone and fax numbers is <b>907</b> , unless otherwise indicated**	
<b>FEDERAL</b>	
<b>NRC (24 hour)</b>	1-800-424-8802
FOSC for Coastal Zone – USCG – Sector Juneau	463-2980
EPA Region 10 (24 hour)	206-553-1263
<b>STATE</b>	
SOSC – ADEC, SEAK Response Team (business hours)	465-5340
<b>After Hours Spill Number</b>	1-800-478-9300

Additional contact information is available on the [ADEC References and Tools webpage](#) within the ACP Contact Directory.

## 1000 – INTRODUCTION

### REFERENCES AND TOOLS:

#### Contact Information:

- [ACP Contact Directory](#)

[SEAK Area Committee Website, hosted by ADEC](#)

Alaska's federal and State government response planning obligations are met through the Alaska RCP, AWA ACP, Alaska Inland ACP, PWS ACP, and SEAK ACP.

This ACP is an operational plan. Under the guidance and oversight of the federal and State OSCs, this ACP is prepared by the SEAK Area Committee for, and in consultation with, the responders dependent upon 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 as defined by the NCP.

Additional information and guidance referenced in the plan is found in the boxes labeled "References and Tools," which direct the user to the Area Planning Reference and Tools website, hosted by ADEC.

Table 1-1 outlines the five categories of References and Tools established to organize various types of information to support a response to an oil discharge or hazardous substance release anywhere in Alaska.

Table 1-1: Categories and Descriptions of References and Tools

Alaska Area Planning References and Tools website	
CATEGORY	DESCRIPTION
AGENCY RESPONSE GUIDES	The key response guidance and tools that are utilized in most responses. (e.g., IMHs, AIMS, STAR, WPGs).
PRINCIPAL REFERENCES AND TOOLS	These include geographically-specific or position-specific principal references. This might include guidance specific to a geographic zone, a habitat type, or job aid. These are often used by multiple ICS sections, and are applicable to most responses.
SECONDARY REFERENCES AND TOOLS	Issue-specific or task-specific information. This includes templates and job-aids relevant to completing a discrete task or is applicable to certain types of responses (e.g., an ammonia release).
BACKGROUND INFORMATION AND BIBLIOGRAPHIC SOURCES	Preparedness, planning, and training information.
AREA-SPECIFIC INFORMATION	Information that is applicable to a specific ACP geographic area and within the authority of the OSCs to revise or modify for specific application.

References and Tools provided do not reflect specific endorsement or mandate by the SEAK Area Committee but are provided to assist responders. If there appears to be a conflict between what is stated in documents found within the References and Tools website and what is stated within statutory or regulatory requirements, the statutory or regulatory requirements shall be followed.

Section 9000 is reserved for additional Area or District information.

**REFERENCES AND TOOLS:****National and Statewide Policy:**

- [National Contingency Plan](#)
- [Alaska RCP](#), Part 1, Section C and Part 4, Applicable Memorandums of Understanding/Agreement

**Operations:**

- [Alaska Scenarios Compendium](#)

**Additional Resources:**

- [ADEC Spill Information](#)
- [SEAK Area Committee Website](#), hosted by ADEC
- Joint Contingency Plan for the Dixon Entrance (CANUSDIX Plan)
- [Electronic Code of Federal Regulations](#) home
- [The Alaska State Legislature Website \(State Statue and Regulation search\)](#)

21 The SEAK ACP area of responsibility is remote and extreme. It includes offshore waters as well as the  
 22 State of Alaska's contiguous waters, which stretch three (3) miles seaward. SEAK area supports tourism  
 23 and fishing industries as well as communities dependent upon subsistence lifestyles. The consequences  
 24 of having a significant oil discharge or hazardous substance release in this environment necessitates an  
 25 understanding of the challenges to effective response in remote parts of the State.

26 This SEAK ACP represents a coordinated and cooperative effort led by the Southeast Alaska Area  
 27 Committee. This document contains information applicable to pollution response within the SEAK COTP  
 28 Zone. The USCG and ADEC have written this ACP jointly. It meets the government pollution response  
 29 contingency planning requirements under the NCP and State of Alaska's Statutes (AS). The SEAK ACP is  
 30 also the primary guidance document for RP/PRP lead responses in order to execute an effective and  
 31 appropriate response as per the NCP.

32 This ACP describes the strategies of a coordinated federal, State, and local response to a discharge, or  
 33 substantial threat of discharge of oil and/or a release of a hazardous substance from a vessel or  
 34 on/offshore facility operating within SEAK's Geographic Planning Boundaries, Section 1220.1. Industry's  
 35 facility and vessel response and contingency plans provide specific data regarding the RP/PRP's  
 36 containment, control, and cleanup actions. Local Emergency Response Plans (LERPs) provide information  
 37 regarding resources and emergency actions at the local, community level. The RCP, ACPs, LERPs, and  
 38 industry plans are all critical components of the coordinated federal, State, local, and RP/PRP response  
 39 to an oil discharge or hazardous substance release. Figure 1-1 illustrates the interrelationship of federal,  
 40 State, and local planning efforts.

41 The SEAK ACP addresses responses to a Worst Case Discharge, Maximum Most Probable Discharge,  
 42 Average Most Probable Discharge, as well as Hazardous Substance Discharge, including discharges from  
 43 fire or explosion. The scenarios are described in detail in Section 9430 as well as the Alaska Scenarios  
 44 Compendium. Planning for these four scenarios covers the expected range of discharges likely to occur  
 45 in the area.

This plan is also used as a framework to assess shortfalls and weaknesses in the SEAK area response structure before an incident. Consistency reviews should address, at a minimum, the quality and quantity of federal, State, local, and industry response equipment within Alaska; available response personnel; protective strategies; and personnel needs compared to those required.

The SEAK Area Committee is tasked to manage and continuously improve upon this ACP, primarily through an annual validation process. This process includes reviewing the SEAK ACP, proposing modifications, and, if appropriate, incorporating those modifications with approval from federal and State OSCs. Further guidance on the SEAK Area Committee is in the Alaska RCP and Section 1300 Area Committee. Interested parties are also welcome to reach out to the SEAK Area Committee Secretary for further information or visit the SEAK Area Committee webpage.

The NCP details governmental obligations to establish response plans and the necessary content for these plans. Additional information on Alaska's government contingency planning requirements and authorities are found within *AS 46.04.200, AS 46.04.210, and AS 26.23 (Alaska Disaster Act)*.

#### 1100.1 National Response Priorities

(a) Safety of human life must be given the top priority during every response action. This includes any search and rescue efforts in the general proximity of the discharge and the insurance of safety of response personnel.

(b) Stabilizing the situation to preclude the event from worsening is the next priority. All efforts must be focused on saving a vessel that has been involved in a grounding, collision, fire, or explosion, so that it does not compound the problem. Comparable measures should be taken to stabilize a situation involving a facility, pipeline, or other source of pollution. Stabilizing the situation includes securing the source of the spill and/or removing the remaining oil from the container (vessel, tank, or pipeline) to prevent additional oil spillage, to reduce the need for follow-up response action, and to minimize adverse impact to the environment.

(c) The response must use all necessary containment and removal tactics in a coordinated manner to ensure a timely, effective response that minimizes adverse impact to the environment.

(d) All parts of this national response strategy should be addressed concurrently, but safety and stabilization are the highest priorities. The OSC should not delay containment and removal decisions unnecessarily and should take actions to minimize adverse impact to the environment that begins as soon as a discharge occurs, as well as actions to minimize further adverse environmental impact from additional discharges.

(e) The priorities set forth in this section are broad in nature, and should not be interpreted to preclude the consideration of other priorities that may arise on a site-specific basis. (*40 CFR 300.317*).



80

81

82 **1200 – GEOGRAPHIC BOUNDARIES**

**REFERENCES AND TOOLS:**

**National and Statewide Policy:**

- [Alaska RCP](#), Part 1, Section D, Geographic Planning Boundaries

**Mapping and GIS:**

- [ADEC Webmaps](#): ADEC Prevention, Preparedness, and Response Boundaries: Geographic Zone Boundaries

**Additional Resources:**

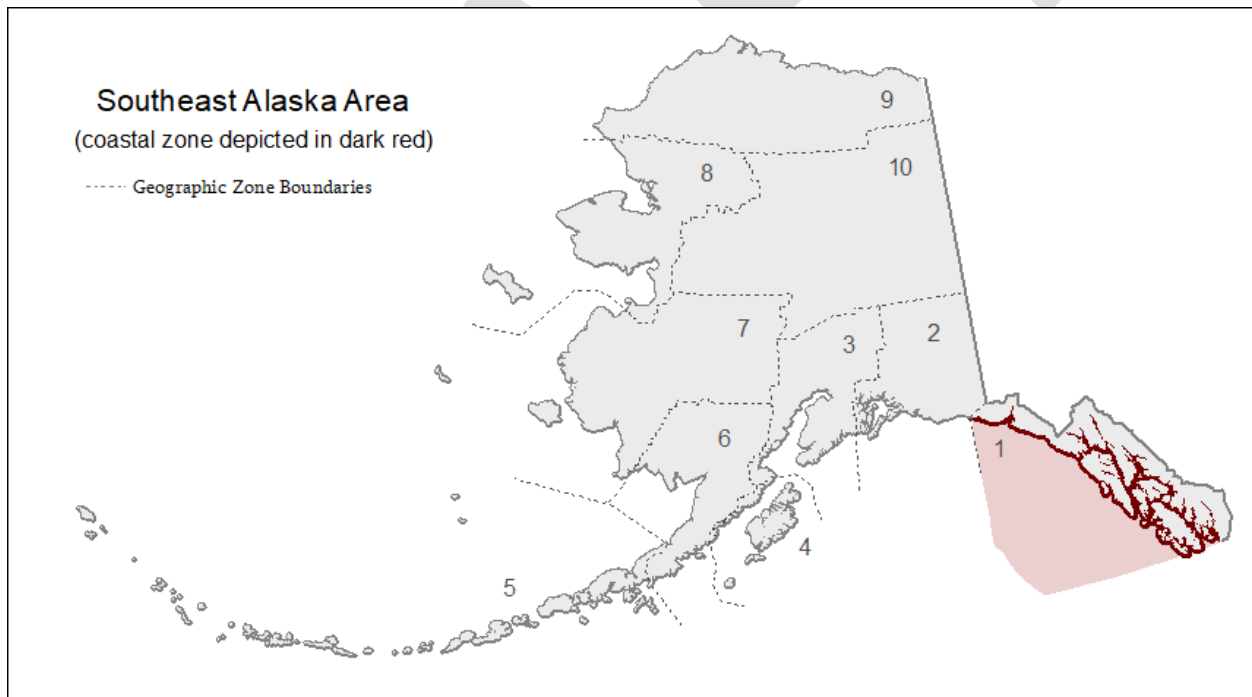
- [SEAK Area Committee Website](#), hosted by DEC
- CANUSDIX Plan

### 1210 – Geographic Planning Boundaries

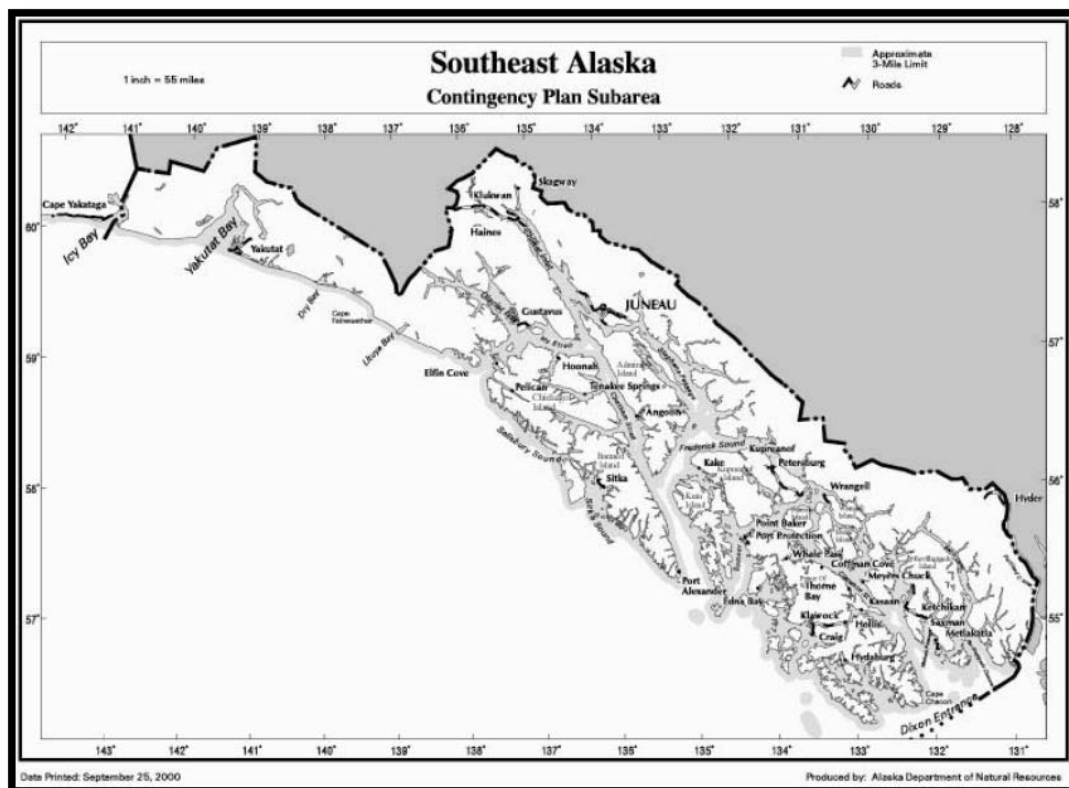
This plan covers the SEAK COTP Zone along the Coastal Zone delineation as established by MOU between the EPA and the USCG Seventeenth District. Per the MOU and the NCP, the Coastal Zone is defined as "all United States waters subject to the tide and all land surface or land substrata, and ground waters, 1,000 yards inland."

The SEAK area stretches from Dixon Entrance to the south up to and including Icy Bay to the north, a distance stretching over 530 miles (see Figures 1-2 and 1-3). The specific boundary is defined by the area from latitude 60°01'18" N, longitude 142°00'00" W, proceeding northeast to the EEZ near the Canadian border at latitude 60°18'24" N, longitude 141°00'00" W; thence south and east along the EEZ on the United States-Canadian shore side boundary to the intersection of the Canadian coast and the USCG District Seventeen southern border at latitude 54°40'00" N, longitude 131°15'06" W; thence west along the southern border of USCG District 17 to the intersection with the outermost extent of the EEZ at latitude 54°38'11" N, longitude 140°01'26" W; thence north along the outermost extent of the EEZ to latitude 56°14'50" N, longitude 142°00'00" W; thence north to the point of origin.

Figure 1-2: SEAK Area



101 Figure 1-3: Southeast Alaska



102  
103 These maps are also available for download on the [SEAK ACP Webpage](#).

## 104 **1220 – Geographic Response Boundaries**

105 Response boundaries delineate areas of responsibility for FOSCs and SOSCs. The federal agency  
106 providing the FOSC is determined by the location of the incident (Coastal or Inland). ADEC determines  
107 the SOSC based on the incident location, i.e., Northern, Central, or Southeast. Although each SOSC has a  
108 designated area of responsibility, all authorized SOSCs have statewide jurisdictional authority.

109 The Canada – United States Joint Marine Pollution Contingency Plan, Geographical Annex 5 (CANUSDIX),  
110 covers coastal and offshore waters of the maritime boundary between Northern British Columbia and  
111 Southeast Alaska. The annex presents information necessary to facilitate coordination between the  
112 Canadian and United States Coast Guards during a maritime pollution incident.

### 113 **1220.1 – FOSC Boundaries**

#### **REFERENCES AND TOOLS:**

##### **National and Statewide Policy:**

- [Alaska RCP](#), Part 1, Section E, Federal On-Scene Coordinator Boundaries

##### **Overview Documents:**

- [Communities by Area Committee](#)

##### **Additional Resources:**

- [SEAK Area Committee Website](#), hosted by DEC



- [Alaska Regional Response Team website](#)

The USCG Commander, Sector Juneau, Alaska, is the pre-designated USCG FOSC for the SEAK area. An existing MOU, described in Section 1210 Geographic Planning Boundaries, between the USCG Seventeenth District and EPA, formally establishes the emergency response boundary for USCG and EPA FOSCs at 1,000 yards inland of the extent of the tide. However, the MOU identifies the Skagway River (Skagway, AK) as the exception area to the general 1,000-yard rule.

Maps of the jurisdictional boundaries at these exception locations are available on the ARRT webpage. The Communities by Area Committee, is a list of communities cross referenced by their respective Area Committee, Geographic Zone, LEPC, local and tribal government, and regional native corporation. It is available on the State's References and Tools in the Overview Document Section.

In the event a discharge or release affects more than one area, *40 CFR 300.140(b)* of the NCP provides that determination of the FOSC should, in general, be based on the area or resource most vulnerable to the greatest threat. If the area vulnerable to the greatest threat cannot be determined, the Unified Commanders may want to consider establishing an organization that can adequately provide for effective response in both zones. Generally, a discharge or release that mostly impacts surface water in Coastal Zones are best addressed by the USCG and discharges that impact land are best addressed by EPA.

**FOSC for DOD and DOE Facilities:** Per the NCP, the DOD and the DOE shall provide FOSCs who will be responsible for taking all response actions to releases of hazardous substances, pollutants, or contaminants when the release is on, or the sole source of the release is from, any facility or vessel, including bareboat-chartered and bareboat-operated vessels, under their jurisdiction, custody or control.

#### 1220.2 – SOSC Boundaries

SOSCs are delegated statewide, by the Commissioner of the ADEC, for the coordination and oversight of emergency responses. However, for State *response planning* purposes, SOSCs are assigned regional master discharge prevention and contingency plan boundaries, as described in *18 AAC 75.495*. Those regional master plan boundaries correspond to Geographic Zones with respect to Area Contingency Plans (ACPs). The Geographic Zone assignments for SOSCs are depicted on Figure 1-4 and listed below:

- **Southeast Region:** SEAK Geographic Zone.
- **Central Region:** PWS, Cook Inlet, Kodiak, Bristol Bay, Aleutian Islands, and Western Alaska Geographic Zones.
- **Northern Region:** Northwest Arctic, North Slope, Interior, and portions of the PWS Geographic Zones.

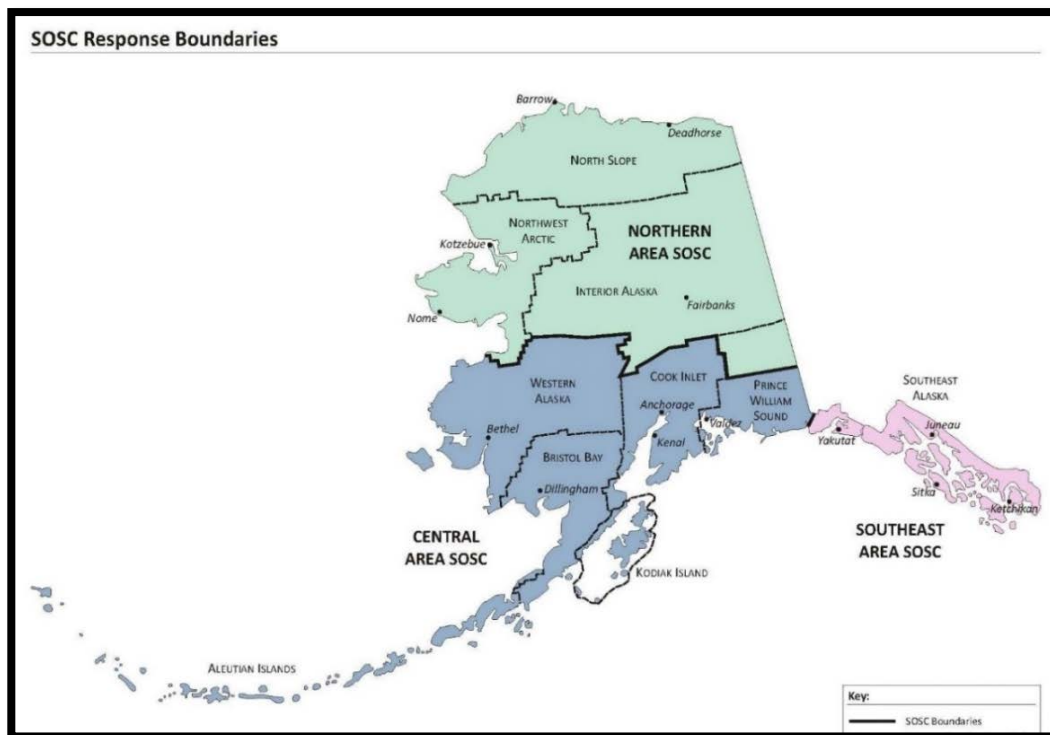
In the event of a major discharge, the Commissioner may designate the Director, Spill Prevention and Response Division, or another individual to serve as the SOSC. An SOSC may appoint a SOSC Representative (SOSCR) to act for the SOSC during a response with selectively delegated authority by the SOSC.

Area response teams provide ADEC's initial response to actual or potential releases to protect people, property, and the environment. These response teams are trained to identify hazards; take defensive actions to contain the release; prevent exposures; and secure the area. The most important functions of area response teams are to make proper notifications and initiate the emergency response sequence. The SOSC and their associated response teams are activated dependent upon the location of the

discharge in the SEAK. When necessary, the initial ADEC response team may be supported through activation of State support staff or responders from other regions.

The Statewide Response Team is activated for large incidents requiring mobilization of statewide resources, participation of other State agencies, and involvement of other jurisdictional interests. ADEC's most experienced and senior personnel from the three regional teams will fill the State's primary response roles and activate supporting staff as needed.

Figure 1-4: SOSC Response Boundaries



## 1300 – AREA COMMITTEE

### REFERENCES AND TOOLS:

#### National and Statewide Policy:

- [Alaska RCP](#), Part 2, Guidance to Planners

#### Additional Resources:

- [SEAK Area Committee Website](#), hosted by DEC

Under the CWA, as amended by the OPA 90 and the NCP (40 CFR 300.210), the SEAK Area Committee acts as a preparedness and planning body for the SEAK area. The SEAK Area Committee is comprised of federal, State, tribal, local, industrial, and other non-governmental organization representatives.

The SEAK Area Committee provides a process for public involvement and input on all relevant government processes and scientific issues related to oil discharge and hazardous substance release prevention, preparedness, planning and response. A primary function of the SEAK Area Committee is to develop and update an ACP, as well as improve coordination among the federal, State, tribal and local

171 planning levels and to facilitate the availability of trained personnel, necessary equipment, and scientific  
172 support needed to address oil discharges or hazardous substance releases.

173 The SEAK Area Committee solicits advice, guidance or expertise from all appropriate sources and  
174 establishes subcommittees and work groups as necessary to accomplish the preparedness and planning  
175 task. The FOSC/SOSCs may solicit support from federal or State ARRT members on an as needed basis.  
176 This includes requesting, where necessary, that the ARRT provide guidance to the Area Committee to  
177 support inter-area consistency within Alaska.

### 178 **1310 – Organization**

179 The USCG’s FOSC for Sector Juneau and the SOSC for SEAK serve as the SEAK Area Committee co-chairs.  
180 The co-chairs provide leadership to the Area Committee through the SEAK Steering Committee.

#### 181 **SEAK Area Secretary**

182 The SEAK Area Committee organization includes an Area Secretary with three (3) standing  
183 subcommittees:

- 184 • Steering Committee
- 185 • GRS Subcommittee
- 186 • Administration Subcommittee

187 The Area Committee selects members and provides general direction and guidance for any standing  
188 subcommittee. In addition to federal, State, and local agency representatives, subcommittee  
189 participants may include facility owners/operators, shipping company representatives, cleanup  
190 contractors, emergency response officials, marine pilot associations, academia, environmental groups,  
191 consultants, and response organizations. Charters for each committee and subcommittee are available  
192 through the SEAK Area Secretary as well as the SEAK Area website.

193 *NOTE: Although the SEAK Area Committee is an operational planning body and not a response entity,*  
194 *members of the SEAK Area Committee may also have specific roles during response operations.*

### 195 **1400 – NATIONAL RESPONSE SYSTEM (NRS)**

#### **REFERENCES AND TOOLS:**

##### **National and Statewide Policy:**

- [Alaska RCP](#), Part 1, Section H, Response System and Policies

##### **Additional Resources:**

- [SEAK Area Committee Website](#), hosted by ADEC
- [National Response Team website](#)

196 General information on the NRS is provided in the Alaska RCP, Part 1, Section H, Response System and  
197 Policies, and should be referenced for information on the broader response principles of this system.  
198 Defined by the 40 CFR 300.5, the NRS is the mechanism for coordinating response actions by all levels of  
199 government in support of the OSC/RPM. The NRS is composed of the NRT, RRTs, OSC/RPM, Area  
200 Committees, and Special Teams and related support entities. The NRS can expand or contract to  
201 accommodate the response effort required by the size or complexity of the discharge or release.

202 **1410 – Spill of National Significance (SONS)**

**Additional Resources:**

- [SEAK Area Committee Website](#), hosted by ADEC
- CANUSDIX Plan
- [State of Alaska Emergency Operations Plan](#), hosted by ADMVA

203 For a SONS in the SEAK Coastal Zone, the USCG Commandant may name a senior agency official to assist  
204 the FOSC in communicating with affected parties and the public, and to coordinate federal, State, tribal,  
205 local, and international resources at the national level. This strategic coordination will involve, as  
206 appropriate, the Governor of Alaska, the mayors or other chief executives of local governments, the  
207 NRT, and the ARRT (40 CFR 300.323). A SONS in the SEAK Area may involve the activation of the  
208 CANUSDIX Plan.

209 **1420 – State-Declared Disaster**

**REFERENCES AND TOOLS:**

**National and Statewide Policy:**

- [Alaska RCP](#), Part 1.H.2.c

**State of Alaska:**

- Disaster Act (AS 26.23)
- State of Alaska [Emergency Operations Plan](#)
- [The Alaska State Legislature Website \(State Statute and Regulation search\)](#)
- [State Emergency Operations Center](#)

210 Generally, the Governor’s proclamation of a disaster emergency is a prerequisite to a federal major  
211 disaster or emergency declaration. During a federal major disaster or emergency declaration, the SOSC  
212 reports to the State Coordinating Officer (SCO), and the FOSC reports to the Principal Federal Official.  
213 When either a State or federal disaster results in conflicting demands for scarce resources (e.g., aircraft)  
214 the SCO is responsible for making resource allocation decisions.

215 Responses resulting from State-declared disasters are coordinated through the Alaska Department of  
216 Military and Veterans Affairs’ Division of Homeland Security and Emergency Management.  
217 Commissioners of ADEC and ADMVA coordinate to determine if an oil discharge or hazardous substance  
218 release constitutes a disaster emergency under AS 26.23. This coordination and consultation may result  
219 in a request to the Governor of Alaska for a disaster emergency declaration. During a State-declared  
220 disaster emergency, the OSCs report through the State Emergency Operations Center to the State  
221 Coordinating Officer (SCO).

222 **1430 – Alaska Regional Response Team (ARRT) Structure**

**REFERENCES AND TOOLS:**

**National and Statewide Policy:**

- [Alaska RCP](#), Part 1, Section I, ARRT
- NCP, 40 CFR 300.115, [Electronic Code of Federal Regulations](#) home
- NCP, 40 CFR 300.120, [Electronic Code of Federal Regulations](#) home

#### Additional Resources:

- [Alaska Regional Response Team website](#)

The ARRT is a standing body established by the NCP. During a response, an incident-specific ARRT may be activated to coordinate assistance and provide advice to the FOSC. The ARRT also may assist in providing additional federal and State resources to facilitate coordination for federal and State permits. An incident-specific ARRT is led by the agency providing the FOSC (USCG or EPA).

The incident specific ARRT may be activated when a discharge or release:

- Exceeds the response capability available to the OSC or Remedial Project manager (RPM) in the place where it occurs;
- Transects state/country borders;
- May pose a substantial threat to public health or the environment; or
- Is a Worst Case Discharge, as described in §300.324.

The ARRT also will be activated during any discharge or release upon a request from the OSC/RPM, or from any ARRT representative to the chair of the ARRT. Requests for ARRT activation shall later be confirmed in writing. Each representative, or appropriate alternate, should be notified immediately when the ARRT is activated.

During any response requiring State input to the incident-specific ARRT, the SOSC has been delegated the authority to serve as the representative to the ARRT. The SOSC consults with other State agencies that have management authorities/responsibilities for resources that might be affected by ARRT decisions. If an incident-specific ARRT is activated, due to the operational requirements of the response to a specific oil discharge or hazardous substance release, appropriate ARRT members will convene as necessary. They may discuss major policy issues affecting multiple agencies, such as ISB or use of chemical countermeasures. More details on NCP authorized incident-specific ARRT activities is found at 40 CFR 300.115(j)(4)(i-v).

When an ARRT agency representative is assigned as a responder within an incident-specific UC, they may be activated to advise the OSCs as a member of the ARRT. Although the expertise of an agency representative is essential to each task, the functional roles may be different within the response structure.

For information on the purpose of the standing ARRT, see the Alaska RCP and the ARRT website.

#### **1440 – Southeast Alaska (SEAK) Area Response Structure**

##### **1440.1 – Federal Role in Incident Response**

#### REFERENCES AND TOOLS

##### **National and Statewide Policy:**

- [Alaska RCP](#), Part 1 Section H, Federal Agency Roles and Responsibilities

##### **Agency Response Guides:**

- [USCG IMH](#)
- [AIMS Guide](#)

##### **ICS Resources:**

- [USCG ICS Position Job Aids](#)
- [USCG Operational Planning P's](#)
- [NIMS \(FEMA\)](#)

The USCG is the lead agency for Coastal Zone oil discharge and hazardous substance release responses and shall serve as the FOSC in the UC. The role of the USCG in the UC will vary according to discharge type and size. The USCG has adopted the USCG IMH for use in guiding spill response efforts. The guide provides detailed guidance for each identified ICS position for response operations and is available as a downloadable application that is searchable.

#### 1440.2 – State Role in Incident Response

##### **REFERENCES AND TOOLS:**

###### **National and Statewide Policy:**

- [Alaska RCP](#), Part 1, Section C.2, ADEC and Alaska statutory authority
- [Alaska RCP](#), Part 1 Section H.2, State agency roles and responsibilities

###### **Agency Response Guides:**

- [AIMS Guide](#)
- [ADEC Disaster Response Plan](#)

###### **Contact Information:**

- [ACP Contact Database](#)

###### **ICS Resources:**

- [NIMS \(FEMA\)](#)

ADEC serves as the SOSC for release of oil or hazardous substance to the land, air, and waters of the State. The State has developed the AIMS Guide. The guide provides ADEC detailed guidance for each identified ICS position for emergency response operations.

#### 1440.3 – Local Role in Incident Response

##### **REFERENCES AND TOOLS:**

###### **National and Statewide Policy:**

- [Alaska RCP](#), Part 1, Section H.1, Role of LOSC in the NRS
- [Alaska RCP](#), Part 1, Section H.2.d, Local Government Roles

###### **Contact Information:**

- [ACP Contact Database](#)

###### **ICS Resources:**

- [NIMS \(FEMA\)](#)

LOSCs represent local government(s) that are not state or federal entities. There may be multiple LOSCs within a single UC. Local governments with jurisdiction to direct and coordinate local responses to incidents designate the LOSCs to serve and represent their community. LOSCs are normally part of the UC as long as there is an immediate threat to public safety and/or the incident occurs within their local jurisdiction.

267 The LOSC will serve as the Incident Commander as long as there is an immediate threat to human life,  
268 unless the LOSC requests a State or federal authority to assume that responsibility. Once the immediate  
269 threats to human life are abated, a UC assumes authority for the response. The local agency that  
270 assumes the role of LOSC varies by location and the capabilities of the agencies. These agencies and  
271 organizations typically include:

272           Local government;  
273           Tribal government;  
274           Local fire, Emergency Management Service, or law enforcement;  
275           Hazmat teams; and  
276           LEPCs.

277 In the event of an oil discharge or hazardous substance release that impacts or threatens to affect  
278 multiple jurisdictions, the appropriate officials from the affected communities will integrate into the  
279 command structure either through an LOSC liaison representing the affected communities or through a  
280 Multi-Agency Coordination Group.

#### 281 1440.4 –RP/PRP Policy

##### **REFERENCES AND TOOLS:**

###### **National and Statewide Policy:**

- [Alaska RCP](#), Part 1, Section H.2, Responsible Party Response Policies

282 The RP/PRP is responsible for containing, controlling, and cleaning up any oil discharge or hazardous  
283 substance released in accordance with any industry response plans required by federal law and/or  
284 ODPCPs required by State law. The RP/PRP must notify the federal, State, tribal, and local authorities of  
285 the incident and initiate an effective response. The RP/PRP is expected to respond to an incident using  
286 their own resources and secure additional contractual expertise and equipment when necessary.

287 The FOSC and SOSC have the authority to oversee the RP/PRP's activities, and both are authorized to  
288 take over or augment the RP/PRP's response activities if they determine those activities to be  
289 inadequate. During an RP/PRP lead response, if the regulated vessel or facility has an ODPCP under State  
290 law or a Vessel Response Plan (VRP) or Facility Response Plan (FRP) under the NCP, it will serve as the  
291 primary guidance document for the discharge response, and the RP/PRP will designate the Incident  
292 Commander.

293 If there is no RP/PRP, or if the RP/PRP does not have a government-approved contingency plan, the ACP  
294 will become the guiding document during the discharge response.

#### 295 **1450 – Incident Command System (ICS)**

##### **REFERENCES AND TOOLS:**

###### **National and Statewide Policy:**

- [Alaska RCP](#), Part 1, Section B, The OSCs

###### **Agency Response Guides:**

- [AIMS Guide](#)
- [USCG IMH](#)

###### **ICS Resources:**



- [NIMS \(FEMA\)](#)
- [USCG ICS Position Job Aids](#)
- [USCG Operational Planning P's](#)

## 296 1450.1 – Agency Role

297 A complete description of the ICS, including descriptions of all the organizational roles and  
298 responsibilities, can be found in the Federal NIMS guidance, USCG IMH, and the State's AIMS guide.

## 299 **1460 – Area Exercises**

300 Area exercises are intended to ensure every component of an ACP is exercised over a four year period.  
301 There are four types of Area exercises required per the *PREP Guidelines*:

- 302 • Quarterly Area notification drills;
- 303 • Annual Area IMT table top exercise (TTX);
- 304 • Annual equipment deployment drill; and
- 305 • Quadrennial Area full scale exercise (FSE).

## 306 1460.1 – National Preparedness Response Exercise Program (NPREP)

### **REFERENCES AND TOOLS:**

#### **Background, Preparedness Resources:**

- [National Preparedness for Response Exercise Program Guidelines, 2016](#)

307 The National Preparedness Response Exercise Program (NPREP) was developed to satisfy the OPA 90-  
308 mandated federal oil pollution response exercise requirements under the purview of the USCG, EPA,  
309 PHMSA, and BSEE. PREP is not mandated for use by industry but does meet the intent of OPA 90 for a  
310 regulated facility exercise program and demonstration of federal discharge response readiness.

## 311 **1470 – Federal Radiological Response Plan**

### **REFERENCES AND TOOLS:**

#### **Hazardous Substances:**

- [Job Aid: Radiation Response Guidance](#)
- [NRIA to the NRF](#)
- [EPA: Radiological Emergency Response Plan, 2017](#)

#### **Additional Resources:**

- [National Nuclear Security Administration website](#) for:
- [Nuclear Incident Response](#)

312 The 2017 EPA Radiological Emergency Response Plan identifies the overall roles, responsibilities, and  
313 coordination for management of potential or actual radiological incidents and emergencies and  
314 coordination among the following EPA offices and Special Teams.

315 FEMA maintains the NRIA to the NRF, which describes the policies, situations, concepts of operations,  
316 and responsibilities of the federal departments and agencies governing the immediate response and



317 short-term recovery activities for incidents involving release of radioactive materials to address the  
318 consequences of the event.

319 **1500 – STATE/LOCAL RESPONSE SYSTEM**

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**REFERENCES AND TOOLS:**

**National and Statewide Policy:**

- [Alaska RCP](#), Part 1 Section F, Alaska’s State Response System
- [Alaska RCP](#), Part 1 Section H, State of Alaska roles and responsibilities

**Logistics:**

- [Community Spill Response Agreements and Local Response Equipment](#)

**Background:**

- [DHSEM Small Community Emergency Response Plans](#) (All hazard plans)
- [State of Alaska Emergency Operations Plan](#), hosted by ADMVA

**ICS Resources:**

- [NIMS \(FEMA\)](#)

320 ***1510 – Local Response Systems and Teams***

321 The SOSOC or FOSC may assume the responsibility upon the request of the LOSC, or if the FOSC deems it  
322 necessary.

323 **1600 – NATIONAL POLICY AND DOCTRINE**

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**REFERENCES AND TOOLS:**

**National and Statewide Policy:**

- [Alaska RCP](#), Section H.2, National Response Policy

**ICS Resources:**

- [NIMS \(FEMA\)](#)

## 2000 – COMMAND

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An incident may involve a single Incident Commander, often someone from the RP/PRP or local jurisdiction will fill that role. However, the focus of this plan is on a coordinated multi-jurisdictional or UC response. When an incident occurs within a single jurisdiction and there is no jurisdictional or functional agency overlap, the incident should be managed by a single Incident Commander who has overall incident management responsibility. NIMS calls this Single Incident Command.

### 2100 – UNIFIED COMMAND (UC)

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#### REFERENCES AND TOOLS:

##### **National and Statewide Policy:**

- National Contingency Plan, [Electronic Code of Federal Regulations](#) home
- [Alaska RCP](#)

##### **Agency Response Guides:**

- [AIMS Guide](#), Section 2.7 Unified Command
- [USCG IMH](#), Unified Command, Chapter 5
- [Alaska Wildlife Protection Guidelines](#)
- [Alaska Implementation Guidelines for the Protection of Historic Properties](#)

##### **ICS Resources:**

- [USCG ICS Position Job Aids](#)
- [USCG Operational Planning P's](#)
- [NIMS \(FEMA\)](#)

The UC is a structure that brings together the IC's of all major organizations that have jurisdictional authority for the incident to coordinate an effective response while carrying out their own organization's jurisdictional responsibilities. A UC links responding organizations to the incident and provides them a forum to make decisions together. Under a UC, organizations should blend together throughout the ICS organization to create an integrated response team.

To be a member of the UC, a participating organization must have statutory authority or legal obligation to carry out proposed response action and have jurisdiction within the area affected by the incident. Members of the UC may also include agencies, tribes, organizations, private industries, or owners and operators of waterfront facilities and vessels bringing large amounts of tactical and support resources to the table.

During a response, the UC directs all aspects of the incident and uses a designated IC to command and manage containment, control, and cleanup operations. When an RP/PRP is adequately responding, and has adequate resources to dedicate to the control, containment and cleanup effort, the RP/PRP will normally be designated the IC. The FOSC and SOSC make the determination on the adequacy of the RP/PRP's containment, control, and cleanup effort. Only if the RP/PRP is unknown or is not adequately responding to the incident, will the FOSC and/or SOSC, or a response action contractor be designated the IC.

Activities the UC will be responsible for include, but are not limited to:

- Designate the IC (if RP/PRP lead, generally a qualified individual is the designated RP/PRP IC); where the RP/PRP is unknown or where the RP/PRP is not adequately responding to the incident, designate the IC (who will normally be one of the OSCs assigned to the UC);
- Designate officers and section chiefs for each section within the ICS;
- Determining overall incident objectives and priorities;
- Select response strategies;
- Review and approve a consolidated IAP;
- Resolve conflict(s).

### **2110 – Command Representatives**

Under the NCP and State statutes, federal and State governments are responsible for ensuring responses to oil discharges and hazardous substance release incidents are timely and adequate. This responsibility has three aspects:

- Conduct the government’s oversight functions concerning monitoring, investigating, permitting, and collecting documentation for possible litigation or cost recovery;
- Augment the RP/PRP’s cleanup efforts, when necessary, to contain the release, recover the product, and minimize the impact to the environment; and
- Take over containment, control and cleanup operations when necessary.

Federal and State governments conduct and coordinate these three functions using the Unified ICS. The federal and State governments’ oversight function only involves government or contracted resources, although it is coordinated with other parties involved in the cleanup effort.

#### **2110.1 – Federal Representative**

The FOSC directs and coordinates the federal response to incidents under the authority of federal laws and regulations. *40 CFR 300.120(a)*

#### **2110.2 – State Representative**

The SOSC directs and coordinates the State’s response to an oil discharge and hazardous substance release *40 CFR 300.180. AS 46.03.020(10)(A)* provide the State’s authority to adopt regulations to control, prevent and abate all forms of pollution.

#### **2110.3 – Local Representative**

#### **REFERENCES AND TOOLS:**

##### **National and Statewide Policy:**

- National Contingency Plan, [Electronic Code of Federal Regulations](#) home
- [Alaska RCP](#), Part 1, Section H.2 (e) Local Government Roles

##### **Agency Response Guides:**

- [AIMS Guide](#), Section 2.7 Unified Command
- [USCG IMH](#), Unified Command, Chapter 5

##### **Background Information:**

- [Alaska State Emergency Response Commission and Local Emergency Planning Committees](#)

The LOSC coordinates the local government response to an oil discharge and hazardous substance release. Local governments can designate a qualified representative to serve as an LOSC on the UC. 40 *CFR 300.180*.

#### 2110.4 – RP/PRP Representative

The RP/PRP participates in the UC as long as the RP/PRP is responding and has adequate resources to dedicate to the effort. Under federal and State laws, it is the responsibility of the RP/PRP to contain, control, and clean up an oil discharge or hazardous substance release. While the RP/PRP is required to respond to a discharge/releases, the FOSC/SOSC oversees the RP/PRP's containment, control, and cleanup efforts and has the authority to take over or supplement the response activities if the FOSC/SOSC determines that the response is inadequate.

#### 2120 – Area Command

##### REFERENCES AND TOOLS:

##### ICS Resources:

- [USCG ICS Job Aid: Area Command](#)
- [USCG Operational Planning P's: Area Command](#)
- [FEMA EMI ICS Resource Center](#)

#### 2120.1 – Area Command

Per the NIMS Command and Management component, the specific purposes of establishing an Area Command is to:

- Oversee the management and support of multiple incidents; and/or
- Oversee the management of large incidents that cross over jurisdictional boundaries.

Large complex incidents or multiple incidents over a large geographic area may require forming an Area Command to manage critical resources. Incidents using an Area Command call for a coordinated response, with coordination typically found at a higher jurisdictional level. An Area Command is an expansion of the UC function, is activated if the complexity of the incident warrants, or there are span of control considerations. Setting incident-specific objectives and managing incident-specific tactical operations and support remain the responsibility of the UC. Included as an example, Figure 2-1 depicts the response organization established during the 2010 Deepwater Horizon incident.

An Area Command provides strategic direction and oversight of incident management to ensure UC objectives and direction are met. An Area Command prioritizes incidents, allocates critical resources to support identified needs, and ensures all applicable parties have access to incident information.

In addition to providing strategic direction, Area Command also has the responsibility to coordinate with federal, State, tribal, and local governments, and volunteer assisting and/or cooperating organizations for resource allocation. An Area Command will also have to coordinate with other activated dispatch centers, as appropriate. An Area Command does not have direct operational responsibilities. An Area Command is ultimately responsible for the successful mitigation of the incident(s) and provides overall strategic direction but leaves tactical direction to the UCs.

Figure 2-1: Example Area Command from the 2010 Deepwater Horizon Response

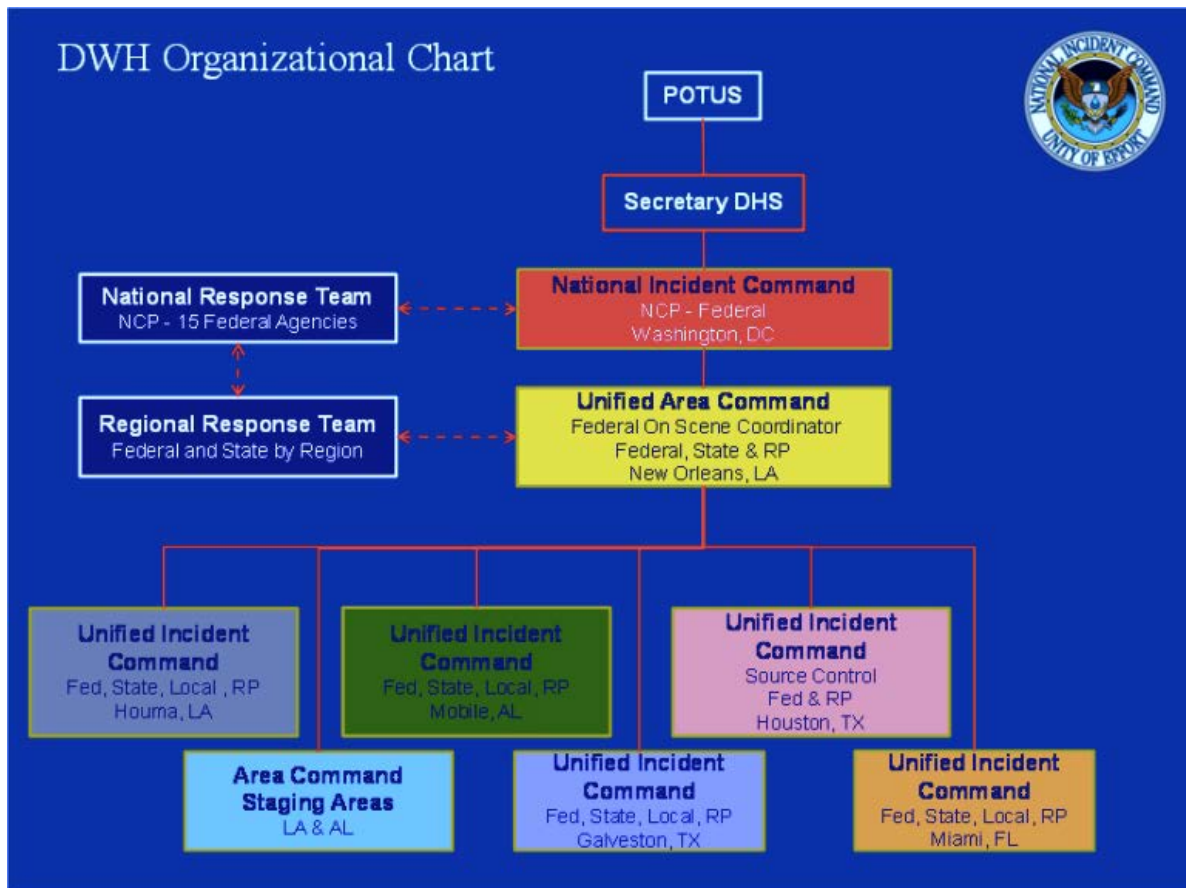


Figure sourced from: *A Perspective from Within Deepwater Horizon's Unified Command Post Houma*, Deepwater Horizon Study Group Working Paper dated January 2011

### 2130 – Unified Command (UC) Staff

#### REFERENCES AND TOOLS:

##### Agency Response Guides:

- [AIMS Guide](#), Section 2.7 Unified Command
- [USCG IMH](#), Unified Command, Chapter 5

##### References and Tools by Position:

- Command

##### ICS Resources:

- [USCG ICS Position Job Aids](#)
- [USCG Operational Planning P's](#)
- [NIMS \(FEMA\)](#)

Key positions may be established to assume responsibility for activities that are not part of the line organization. Unified Commanders/OSCs determine who fills the positions described below:

- **Safety Officer:** (see Section 2200) Assesses hazardous/unsafe situations and develops a safety plan to ensure personnel safety.
- **Public Information Officer:** (see Section 2300) The point of contact for the media and individuals who desire information about the incident.
- **Liaison Officer:** (see Section 2400) The point of contact for affected communities, interest groups/stakeholders that do not have jurisdictional authority, landowners, leaseholders, government agencies, and other groups of interested parties.

## 2140 – Guidance for Setting Response Objectives

### REFERENCES AND TOOLS:

#### Agency Response Guides:

- [AIMS Guide](#), Section 2.7 Unified Command
- [USCG IMH](#), Chapter 5-1 Unified Command

[NCP, 40 CFR 300.317, National Response Priorities](#)

The Command and General Staff are responsible for assisting UC in the development of strategic objectives that clearly define what the incident management/response team is working to achieve.

## 2200 – SAFETY

### REFERENCES AND TOOLS:

#### Command, Safety Officer:

- [Alaska OSHA, Physical Agent Data Sheets](#)
- [Job Aid: Health and Safety \(PDF 456K\)](#)
- [Safety and Health Awareness for Oil Spill Cleanup Workers](#)
- [Training Marine Oil Spill Response Workers under OSHA's Hazardous Waste Operations and Emergency Response Standard, OSHA Publication 3172](#)
- [EPA Safety Officer Toolbox](#)

#### Operations:

- [Spill Tactics for Alaska Responders \(STAR\) Manual](#), Section B, Part I, Safety

#### ICS Resources:

- [USCG Operational Planning P's: Safety](#)
- [USCG ICS Position Job Aids: Safety Officer \(SOFR\)](#)

Personnel must comply with all applicable worker health and safety laws and regulations.

OSHA standards apply during hazardous waste operations and emergency response and are found in *29 CFR 1910.120* and *08 AAC 61*. The regulations apply to both emergency response and post-emergency cleanup of hazardous substance releases. The definition of hazardous substance is described in Section 7120.

Oil discharge and hazardous substance releases are covered by these regulations. The rules cover employee protection during initial site characterization and analysis, monitoring activities, material handling activities, training, and emergency response.

Employers must ensure that they have received training appropriate for the operations and activities in which they are participating. The OSHA Field Compliance Officer may be contacted to ascertain the worker training requirements and develop an implementation plan to minimize the hazards of exposure to workers involved in cleanup operations.

Table 2-1: Useful Safety Plan Tools

AGENCY	DESCRIPTION
<a href="#">EPA Safety Officer Toolbox</a>	This toolbox includes templates of ICS Forms related to site-safety plans, including: <ul style="list-style-type: none"> <li>ICS 206 Medical Plan</li> <li>ICS-208HM EPA Hazardous Materials Site Safety and Control Plan</li> <li>ICS 215a-EPA, Incident Action Plan, Safety Analysis</li> </ul>
<a href="#">Northwest ACP, Health and Safety Job Aid Site Safety Job Aid</a>	Includes Health and Safety guidance utilized by Region 10 EPA FOSCs in Idaho, Oregon, and Washington.
ADEC Safety Plan Template <a href="#">ADEC SPAR Safety Manual</a> (requires access to the State SharePoint site)	The ADEC Division of Spill Prevention and Response (SPAR) Safety Manual, Section 12 Site Safety Plans provides information for incident response, emergencies, and hazardous substance release response. The ADEC SPAR Safety Manual, Appendix E, also contains links to sample Safety Plans and templates.
<a href="#">Alaska OSHA, Physical Agent Data Sheets</a>	Contains fact sheets on common physical hazards in Alaska.
<a href="#">USCG Homeport website, under Incident Management and Preparedness.</a>	Contains examples of site safety plans.

## 2210 – Site Characterization

An initial step in developing a response health and safety plan is site characterization. Site characterization should identify the potential risks to worker health and safety, including, but not limited to: chemical hazards, physical hazards, transportation-related risks, wildlife concerns, security, and delineation of the impacted area.

## 2220 – Site Safety Plan Development

An overall incident Safety Plan will be developed that applies to ALL staff working on the response. Safety plan templates and tools that may be useful during an incident are listed in Table 2-1.

Each agency or organization may also have their own safety policies and/or safety plan that their staff must also comply with; these plans address the specific duties of that organization's staff. This is a separate document.

## 2300 – PUBLIC INFORMATION OFFICER (PIO)

### REFERENCES AND TOOLS:

#### **Public Information Officer:**

- [PIO Job Aid](#) - includes media contacts and information on the JIC
- NRT's Public Information Resources: [JIC Manual](#)

#### **ICS Resources:**



- [USCG ICS Position Job Aid: PIO](#)
- [USCG ICS Position Job Aid: Communications and Information Management](#)

During a major response, when media interest is expected to last several days, the UC should task the PIO with establishing a JIC to coordinate the public affairs activities of participating agencies and parties. A JIC is a co-located group of representatives from local, State, federal and private organizations designated to handle public information needs during an incident or event. The JIC is designed to fit naturally into the ICS and can be customized to reflect the size of the incident or event. Establishing a JIC under the ICS is the most effective means of meeting information requirements and can make the difference between the public perceiving the incident to be under control or out of control.

## 2400 – LIAISON OFFICER (LOFR)

### REFERENCES AND TOOLS:

#### Contact Information:

- Alaska DCRA [Alaska Community Database](#)

#### ICS Resources:

- [USCG ICS Position Job Aid: LOFR](#)
- [USCG Operational Planning P's: Liaison](#)

The LOFR is the point of contact for affected communities, interest groups that do not have jurisdictional authority, landowners, leaseholders, government agencies, and other groups of interested parties. The LOFR coordinates with a MAC, if one is activated, and assists the UC in maintaining communications and coordination with various agencies and organizations.

UC staff do not always represent all agencies/organizations with an interest or responsibility in responding to the incident. Each agency represented in the UC may assign an agency-specific liaison to ensure compliance with their statutory and regulatory obligations.

A description of several types of organizations that may be engaged with the response via the LOFR are provided in the subsections below.

## 2410 – Investigators

### REFERENCES AND TOOLS:

#### Agency Response Guides:

- [USCG IMH](#)
- [AIMS Guide](#)

#### ICS Resources:

- [NIMS \(FEMA\)](#)

The agencies that investigate incidents vary by the type and location of the incident. Table 2-2 identifies a few types of investigators and associated circumstances.

Table 2-2: Investigating Agencies

INCIDENT TYPE/LOCATION	INVESTIGATOR
------------------------	--------------



Oil discharges and hazardous substance releases in the Coastal Zone	ADEC USCG
Transportation-related accidents	<a href="#">National Transportation Safety Board (NTSB)</a> Pipeline and Hazardous Materials Safety Administration (PHMSA) USCG
Chemical accidents at fixed industrial facilities, including petroleum refineries	U.S. Chemical Safety Board (CSB)
Incidents involving worker safety issues, including casualties	Alaska OSHA Federal OSHA
Criminal investigations	Local law enforcement Alaska State Troopers FBI
Violation of laws protecting wildlife and historic properties	Natural and Cultural Resource Agencies (USFWS, NMFS, NPS, BLM, ADF&G, ADNR etc.)

149 **2420 – Agency Representatives and Natural Resource Agencies**

**REFERENCES AND TOOLS:**

**Contact Information:**

- [Federal and State Natural Resource Agency Emergency Contact Table](#)
- [ARRT Members and Contact Information](#)
- [ACP Contact Directory](#)

150 **2430 – Tribal Government and Native Organizations**

151 **2430.1 – Tribal Government**

**REFERENCES AND TOOLS:**

**Contact Information:**

- [Alaska DCRA, Federally Recognized Tribal Directory](#)
- [DOI Bureau of Indian Affairs \(BIA\) Tribal Directory](#)
- [Alaska Regional and Village Corporations Directory](#)

152 The FOSC or their representative notifies the tribe following an oil discharge or hazardous substance  
153 release that has the potential to affect tribal interests.

## 2430.2 – Native Organizations

### REFERENCES AND TOOLS:

#### **Contact Information:**

- [ACP Contact Directory](#)
- [Alaska Regional and Village Corporation Directory](#)
- [Alaska Regional Corporations and Non-profit Organizations](#)
- [Alaska DCRA, Community Database Online](#)

In addition to federally recognized tribes, there are several other categories of native organizations that are potential stakeholders, such as native corporations, non-profit organizations, and co-management organizations. This list is not comprehensive.

## 2440 – Local Government

### REFERENCES AND TOOLS:

#### **Contact Information:**

- [ACP Contact Directory](#)
- [Alaska DCRA, Community Database Online](#)

The FOSC or the SOSC (or their representative) notifies the local government(s) following an oil discharge or hazardous substance release that has the potential to affect local interests.

## 2450 – Multi-Agency Coordination (MAC) Group

### REFERENCES AND TOOLS:

#### **National and Statewide Policy:**

- [NIMS \(FEMA\)](#)
- [NIMS Can Help Brochure, FEMA](#)

#### **ICS Resources:**

- [FEMA EMI ICS Resource Center, ICS Job Aids](#)

A MAC group may be established, on an incident specific basis, by the UC to facilitate all levels of government and all disciplines to work together more efficiently and effectively. It is composed of representatives of involved governmental agencies and/or jurisdictions in the response area or area potentially impacted by the discharge or release.

The MAC Group can provide coordinated decision making and resource allocation among cooperating agencies, and may establish the priorities among incidents, harmonize agency policies, and provide strategic guidance and direction to support incident management activities. The MAC group can advise on the sharing and use of critical resources, including the identification of potential locally available response resources (personnel or equipment). The MAC group is not part of the on-scene ICS and is not involved in developing incident strategy or tactics.

**2460 – Emergency Operations Center (EOC)**

**REFERENCES AND TOOLS:**

**ICS Resources:**

- [NIMS \(FEMA\)](#)
- [NIMS Emergency Operations Center Skillsets User Guide](#)

**Additional Resources:**

- [State of Alaska Emergency Operations Center](#)

Pollution response activities may occur in coordination with an Emergency Operations Center (EOC). EOCs vary in their missions, authorities, and resources. Some EOCs have an incident support role, while others lead incident management efforts. Still others change roles according to the type of incident. EOC structures vary accordingly, and NIMS does not promote a single EOC organizational model, nor any EOC position titles or position descriptions.

**2500 – NATURAL RESOURCE DAMAGE ASSESSMENT AND RESTORATION (NRDAR)**

**REFERENCES AND TOOLS:**

**Background:**

- [DOI: NRDAR Primer](#)
- [NOAA Office of Response and Restoration: NRDAR](#)
- [Wildlife Protection Guideline for Oils Spills in Alaska](#)

When oil discharges or hazardous substance releases occur, State and federal agencies typically conduct emergency response activities to minimize impacts. The primary goals of emergency response activities are to contain, control, and collect recoverable oil or hazardous substances to protect human health and the environment. Sometimes, the extent of environmental damage requires further restoration. When this occurs, natural resource trustees from State and federal agencies may opt to conduct a NRDAR to restore injured resources. Authorities permitting natural resource trustees to conduct assessment and restoration activities are described in the NCP, CWA, CERCLA, OPA 90, and Alaska statute.

## 3000 – OPERATIONS

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For guidance on responding to a hazardous substance release, refer to Chapter 7000, Hazardous Substances.

### REFERENCES AND TOOLS:

#### **Agency Response Guides:**

- [AIMS Guide](#), Appendix B Operations Section
- [USCG IMH](#), Chapter 7-1 Operations Section

#### **ICS Resources:**

- [NIMS \(FEMA\)](#)
- [USCG ICS Position Job Aids](#)
- [USCG Operational Planning P's](#)

## 3100 – OPERATIONS SECTION ORGANIZATION

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The Operations Section is responsible for the management of all field operations directly applicable to the primary mission. The Operations Chief activates and supervises elements in accordance with the IAP and directs its execution; activates and executes the Site Safety Plan; directs the preparation of unit operational plans; requests or releases resources; makes expedient changes to the IAPs as necessary; and reports such to the UC for approval.

The structure of the operations section in the IMT depends on the needs to the incident. Operations Section expands and/or contracts to serve those needs. Table 3-2 lists some common ICS operational positions.

Some considerations that can dictate structure of the operations section are:

- Incident objectives and priorities;
- Size and topography of the affected area;
- Incident complexity (Span of control);
- Operational period;
- Logistics requirements;
- Number and locations of command post and staging areas.

Table 3-1 lists some functional areas that should be considered in developing the structure of an incident specific IMT.

Table 3-1: AIMS Guide, Operations Section, Critical Functional Areas

CRITICAL FUNCTIONAL AREAS	
Field Command	Source Control
Site	Wildlife Response
Staging Area Management	Salvage
Safety Officer	Decontamination
Air Operations	<i>In-situ</i> Burn Operations
Recovery	Dispersant Operations
Protection	Emergency Medical Services
Search and Rescue	Waste Management and Disposal
Hazmat	Law Enforcement
Fire Suppression	SEAK Team

23 Table 3-2: USCG IMH, Chapter 7-1, Operations Section Positions

USCG IMH, CHAPTER 7-1, OPERATIONS SECTION POSITIONS
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Operations Section Chief	Operations Branch Director
Deputy Operations Section Chief	Division/Group Supervisor
Intelligence/Investigations Functions	Strike Team/Task Force Leader
Staging Area Manager	Operations Task Force Monitor
Air Operations Branch Director	Single Resource Manager

## 24 **3200 – RECOVERY AND PROTECTION**

### **REFERENCES AND TOOLS:**

#### **Agency Response Guides:**

- [AIMS Guide](#), Appendix B
- [USCG IMH](#)

#### **Operations:**

- [ADEC Spill Permit Tool](#)
- [Spill Tactics for Alaska Responders \(STAR\) Manual](#)
- [NOAA's Characteristic Coastal Habitats –Choosing Spill Response Alternatives](#)
- [Response System Planning Calculators, BSEE](#)
- [Geographic Response Strategies](#)

#### **Industry Websites and References of OSROs, PRACs, and Registered Nontank Vessel Contractors:**

- [Southeast Alaska Petroleum Response Organization \(SEAPRO\) Tech Manual](#)

#### **ICS Resources:**

- [USCG ICS Position Job Aids](#)
- [USCG Operational Planning P's](#)

Oil discharge recovery and protection response strategies emphasize controlling the release and spread of the oil to prevent or reduce contamination of potentially affected sensitive resources. These strategies can include mechanical cleanup, a variety of booming techniques, removal of oiled debris, ISB, and/or dispersant use. The determination to activate any one of these strategies is dependent upon numerous factors, including, but not limited to, incident-specific objectives, imminent or substantial threat to human life, environmental conditions, equipment/personnel availability, and resource protection priorities established by natural and cultural resource agencies.

The ADEC STAR Manual is a guide for response tactics in Alaska. Most Alaska OSROs/PRACs have technical manuals that will supply tactical descriptions and instructions based on the equipment available to their members.

### **3210 – Protection**

The ADEC STAR Manual provides guidance for recovery and protection tactics.

### **3220 – On-Water Recovery**

The ADEC STAR Manual provides guidance for on-water recovery and protection tactics.

### **3230 – On-Land Containment and Recovery**

Refer to the ADEC STAR Manual for on land containment and recovery tactical descriptions and techniques.

#### **3230.1 – Shoreline Cleanup Options**

Shoreline cleanup strategies are diverse and will depend on several factors, including shoreline type, discharged oil properties, extent of contamination, prevailing weather conditions, tidal fluctuations, sea conditions, accessibility by shoreline cleanup crews and equipment, etc. The UC, in consultation with Operations and Environmental Unit staff, will determine the best available options for cleaning impacted shorelines based upon these factors. A Shoreline Cleanup Plan may be developed to address shoreline impacts. Refer to the Wildlife Protection Guidelines for Oil Spills in Alaska (WPG) and the Alaska Implementation Guidelines for information on shoreline cleanup activities related to wildlife, historic properties, and cultural resources.

#### **3230.2 – Pre-Beach Cleanup**

When practical, removal of debris from shorelines prior to contamination by stranded oil can reduce the amount of oiled debris.

### **3240 – Disposal and the Waste Management Plan**

#### **REFERENCES AND TOOLS:**

##### **Statewide Agency Guidance and Policy:**

- [Spill Tactics for Alaska Responders \(STAR\) Manual](#)

##### **Operations:**

- [Disposal of Polluted Soil](#)
- [Decanting Guidance](#)

##### **Planning:**

- [Job Aid: Waste Management and Disposal](#)
- [Alaska Spill Response Permits Tool](#)

The Operations Section must coordinate with the Planning Section/Environmental Unit to develop an incident-specific Waste Management Plan, which must be approved by the UC, if applicable, or the State. The Waste Management Plan must address transport, interim storage, containment, and final disposal.

During the initial stages of a response, prior to the approval of the Waste Management Plan, IC/UC may use an interim emergency response waste stream management template.

#### **3240.1 – Decanting Policy**

No decanting should occur without UC approval.

### **3250 – Decontamination**

#### **REFERENCES AND TOOLS:**

##### **Statewide Agency Guidance and Policy:**

- [Spill Tactics for Alaska Responders \(STAR\) Manual](#)

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65 A decontamination plan should be one of the first plans developed. It is not safe to send a responder  
66 into a hazardous environment without a plan on how to get them out. The Operations Section must  
67 ensure the decontamination plan is implemented prior to entry by any personnel in the hot zone.  
68 Decontamination plan is reviewed by the Safety Officer in development of form ICS-208.

69 The ADEC STAR Manual provides guidance for decontamination, including guidance for vessel  
70 decontamination.

71 **3260 – Alternative Response Technologies**

**REFERENCES AND TOOLS:**

**Statewide Agency Guidance and Policy:**

- [Spill Tactics for Alaska Responders \(STAR\) Manual](#)

**Alternative Response Technologies:**

- [Alaska RCP](#), Part 3, and Appendices III and IV
- [ARRT's In-situ Burning Guidelines Checklist](#)
- [ARRT's Dispersant Use Plan for Alaska Checklist](#)
- [Special Monitoring of Applied Response Technologies \(SMART\) Protocols](#)

72 The NCP authorizes the use of alternative response technologies and outlines the process by which the  
73 UC may approve their use. Alternative response technology plans and guidance are developed by the  
74 ARRT in accordance with the NCP, Subpart J. The ADEC STAR Manual has additional technical advice.

75 The ARRT has developed the "*In-Situ Burning Guidelines for Alaska*," that outlines decision making and  
76 the approval process and is included in the Alaska RCP.

77 The ARRT has developed the "*ARRT Dispersant Use Plan for Alaska*" outlining decision making,  
78 preauthorization plans, case-by-case dispersant use authorization and approval processes and is  
79 included in the Alaska RCP.

80 The checklists for these guidance are provided on the References and Tools page for convenient use by  
81 UC. The ISB and dispersant plan checklists and documents are approved for use by the ARRT and are not  
82 to be modified by the area committees. When considering the use of dispersants, ISB, chemical agents,  
83 or other discharge mitigating substances during a response, the Operations Section must comply with  
84 established guidelines, coordinate with the Environmental Unit to assess appropriateness of the  
85 methodology, complete the required checklists, and acquire UC approval in accordance with established  
86 protocols set by the ARRT.

87 **3300 – EMERGENCY RESPONSE**

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88 ***3310 – Search and Rescue (SAR)***

89 USCG Sector Juneau will coordinate SAR operations with appropriate agencies including: the Alaska  
90 Rescue Coordination Center, the Alaska Department of Public Safety, as well as other SAR organizations  
91 throughout SEAK.



**REFERENCES AND TOOLS:****Agency Response Guides:**

- [AIMS Guide](#)
- [USCG IMH](#)

**Hazardous Substances:**

- Emergency Response Guidebook (ERG), [2020 version](#)

**Additional Information:**

- [Contact Information for Alaska State Trooper Posts](#)

*As necessary, the Alaska State Troopers will initiate a request for Civil Air Patrol assistance through the RCC. The RCC will activate the Civil Air Patrol in the appropriate region, assign a mission number, and provide approval authority for the mission.*

- 93 Initial response personnel should refer to the Emergency Response Guidebook. Use the guidance in  
94 Table 3-3 to collect information to complete **ICS Form 201**.

Table 3-3: Initial Response Actions

INITIAL RESPONSE ACTION
<p><b>1. Define Nature of Incident</b></p> <p>a. Determine facts of discharge/release:</p> <ul style="list-style-type: none"> <li>• RP/PRP (name and phone number)</li> <li>• Location and time of incident</li> <li>• Type of incident (explosion, grounding, operational, etc.)</li> <li>• Type of product</li> <li>• Movement of discharged/released product</li> <li>• Environmental resources, sensitive areas, and historic properties at risk</li> </ul> <p>b. Determine whether RP/PRP can respond.</p> <p>c. Classify size of discharge/release.</p> <p>d. Notify natural and cultural resource agencies.</p> <p>e. The FOSC (or authorized representative) needs to perform requisite consultations as described in Section 4800.</p>
<p><b>2. Evaluate Hazards to Human Health/Safety</b></p> <p>a. Determine threat to public health.</p> <p>b. Assess fire/explosion hazard.</p> <p>c. Assess personnel safety based on potential/existing hazards.</p> <p>d. Determine appropriate level of personnel protective equipment for responders.</p>
<p><b>3. Evaluate Severity of Incident and the Need for Additional Resources</b></p> <p>a. Estimate amount of discharged/released product and total potential amount.</p> <p>b. Estimate duration of response efforts.</p> <p>c. Assess weather conditions: obtain on-scene weather conditions, short term site, and transit forecasts from NWS.</p> <p>d. Determine the presence, or suspected presence, of invasive species.</p>

Table 3-3: Initial Response Actions

INITIAL RESPONSE ACTION
<p><b>4. Initiate Response Strategy</b></p> <ul style="list-style-type: none"> <li>a. Protect responders and the public.</li> <li>b. Secure or isolate the source of discharge/release.</li> <li>c. Protect sensitive areas: <ul style="list-style-type: none"> <li>• Coordinate with natural and cultural resource agencies on the protection of sensitive areas, resources, and potential response actions;</li> <li>• Refer to Section 4800 of this ACP for guidance on any required consultations and permits;</li> <li>• Develop priorities consistent with the Alaska Sensitive Areas Compendium.</li> </ul> </li> <li>d. Initiate containment and recovery of free product.</li> <li>e. Initiate discharge/release tracking.</li> <li>f. If ballast water discharge is considered as an option for vessel stability or other concerns, the threat of invasive species needs to be addressed by responders.</li> </ul>
<p><b>5. Inform Local Residents, Communities, and Stakeholders</b></p> <ul style="list-style-type: none"> <li>a. Prepare press statement: <ul style="list-style-type: none"> <li>• Report the extent that USCG, ADEC, RP/PRP and local emergency response personnel are responding to discharge event;</li> <li>• Give brief details of the discharge;</li> <li>• Describe actions taken by the UC;</li> <li>• Announce that formal media release will be issued as more information is received.</li> </ul> </li> <li>b. Contact local media.</li> <li>c. Be forthcoming and provide as much information as quickly as possible. If no information is available, say so but ensure that information is provided to the media as soon as it is available.</li> <li>d. Conduct appropriate briefings via the ICS LOFR.</li> </ul>

### **3330 – Building the Incident Management Team (IMT)/Incident Ramp Up**

A response progresses through a series of steps where the number of personnel and amount of equipment is increased (or decreased) as necessary to meet the demands of the situation. The increase of resources to address response needs is called a “ramp up.”

The ramp up begins when the discharge/release is first reported and progresses with the sequential and prioritized activation of the response resources of the RP/PRP and the local, State, and federal responders. Each response will differ according to size and severity, location, season, and a variety of other factors. Personnel needs will vary accordingly.

The ramp up procedures and personnel requirements presented below are provided as guidance for the UC during the initial staffing of the ICS. The ICS can expand and contract to meet the needs of an emergency response without any loss of effectiveness or control. The goal for any major discharge/release is to have the personnel in place to staff a complete ICS within the first 96 hours of a response.

The ramp up to a full oil response generally moves through three staffing levels. The Initial Response Team (Hours 0-6) will consist primarily of first responders who will carry out initial response actions. The Transitional Response Team (Hours 6-96) will form as additional personnel arrive on-scene and ICS functions are added. The Full Response Team (by Hour 96) will be complete when full ICS staffing levels

have been reached. Qualified personnel within the ICS will identify resources and equipment necessary for an effective response.

This ramp up guidance outlines the response of federal and State personnel. RP/PRP personnel will initiate a concurrent ramp up according to the procedures referenced in their contingency plan. In those incidents where there is imminent threat to life and property, the appropriate local fire chief, State trooper, or emergency manager will be the Incident Commander. If applicable, the LOSC will follow the guidance of their Local Emergency Response Plan.

#### ***Hour 0-6: Initial Response Team***

The Initial Response Team will consist primarily of the FOSC and SOSC response officers, natural and cultural resource agencies (if necessary), and local emergency response and RP/PRP personnel. The Initial Response Team will carry out initial response efforts, which include notification and equipment mobilization. Depending on the size of the discharge/release, a UC may begin to form as the IRT carries out these response actions.

**Notifications:** The RP/PRP is responsible for making notifications to local, State, and federal agencies. Notifications may include local officials, police, and fire departments. The ADEC will notify the appropriate State agencies. USCG or EPA will notify the appropriate federal agencies and other points of contact, as necessary. The FOSC will notify appropriate natural and cultural resource agencies to begin the consultation process on resources at risk, including:

- Threatened and endangered species and their critical habitats;
- Response actions that may affect natural and cultural resources; and
- Response actions to protect or mitigate the impact to natural and cultural resources, as appropriate.

**Initial Response Action:** Following these notifications, the initial responders will assess the chemical characteristics of the discharged/released material and establish a safe level of PPE prior to dispatching a response team to the scene. Upon arrival, the response team will conduct a site characterization to evaluate environmental hazards. Upon ensuring a safe operating environment, they will attempt to determine the source of the discharge/release, identify the RP/PRP, secure the source of the discharge, and gather data to populate ICS form 201. This initial response team will normally have no containment or product removal means with them at this time, unless provided by the RP/PRP. If local authorities or federal/State responders identify an immediate threat to public health and safety, appropriate action shall be initiated. If the situation warrants, an evacuation may be implemented according to the procedures referenced in the LERP.

The response team will contact the FOSC and/or SOSC, report the details of the incident, and initiate a preliminary investigation into its cause. The FOSC/SOSC or other response team personnel will advise the RP/PRP regarding the legal requirement to initiate containment and recovery actions. The FOSC will be advised of the severity of the discharge/release and will activate the ICS. The FOSC and/or SOSC will brief the federal, State, tribal, and local government agencies regarding the incident status and ramp up procedures. The FOSC will continue to consult with natural and cultural resource agencies on actions to be taken that may affect specific resources. The FOSC will activate an FOSC Historic Properties Specialist unless the FOSC determines that the incident is categorically excluded from the National Programmatic Agreement to protect historic properties.

The ADEC will select any available State resource agency personnel to serve as a local contact until ADEC responders arrive on scene. The ADEC will request that ADNR and ADF&G identify environmental priorities for protection. ADNR and ADF&G will use the environmental sensitivities information in this

plan as a primary source for this information. USFWS, NOAA, and ADF&G, may also be contacted for initial environmental sensitivity and wildlife concentration information. The ADEC will forward these priorities to the IC and the UC.

The RP/PRP is responsible for deploying appropriate privately owned pollution response equipment as quickly as possible, regardless of whether federal/State equipment has been deployed in the interim. The FOSC/SOSC may assist the RP/PRP and arrange for initial delivery of pollution response gear via the most expedient mode of transportation.

**Incident Command Post Establishment:** A field command post will be assembled to coordinate efforts until the FOSC, SOSC, LOSEC, and RP/PRP can establish the command center. The location of this field command post will depend upon the location and severity of discharge/release, time of year, weather, and other considerations.

State, federal, and local personnel arriving on scene should realize that workspace, telephone lines, and other office resources might be quite limited during the initial response. Individuals are encouraged to bring cellular/satellite phones to communicate. Cellular phone capabilities can be severely limited or non-existent at the incident location.

#### ***Hour 6-96: Incident Management Team (IMT)***

The IMT forms as additional federal, State, tribal, and local response personnel arrive on scene. After the initial response, the scope and size of the discharge/release can be gauged, and the UC will convene, and ICS staffing will increase or decrease. In a government-led response, the UC will designate an Incident Commander. In a RP/PRP-led response, the Incident Commander will be a representative of the RP/PRP. The Incident Commander will designate appropriately trained personnel as Section Chiefs for the Operations, Planning, Logistics, and Finance/Administration Sections of the ICS. As the response develops, appropriate ICS functions will be added until a full response team is in place.

### **3400 – AIR OPERATIONS**

#### **REFERENCES AND TOOLS:**

##### **Contact Information:**

- [Alaska DCRA Community Database](#)

##### **Air Operations:**

- [Airline Data Inc.](#)
- [AirNav.com](#) Offers information and useful details on various airport aspects and services availability.
- [AirportIQ 5010](#): Airport Master Records and Reports: This GCR & Associates, Inc. website provides unedited information with data derived from the National Flight Data Center FAA Airport Master Record (Form 5010).
- [The ADOT&PF, Division of Statewide Aviation](#) provides rural airport information, including a link to diagrams and aerial photos of selected airports.
- [FAA Alaska Region](#) website offers airport diagrams and aerial photographs.
- [Alaska Supplement to the FAA Flight Information Publication](#)
- [NWS's Alaska Aviation Weather Unit](#) for enroute and on-scene aviation weather conditions

##### **ICS Resources:**

- [USCG ICS Position Job Aid](#), Air Operations Branch Director

180 **3410 – Air Tactical**

181 3410.1 – Aerial Surveillance – TBD

182 3410.2 – Flight Restrictions

183 UC can request the FAA impose temporary or permanent flight restrictions. FAA controllers can be  
184 deployed to manage airspace, including restrictions, and can operate from sea or land based platforms.  
185 This can include USCG High and Medium Endurance Cutters.

186 **3420 – Air Support**

187 Consult with the Alaska Supplement to the NOAA Flight Information Publication for specific information  
188 on airports and runways. In general, runways are paved in locations serviced by the major commercial  
189 airlines, such as Alaska Airlines. There are many smaller airlines that service the more remote  
190 communities including fixed-wing and helicopter, scheduled and charter flight operators. During  
191 summer months when tourist traffic is heavy, charter flights may be limited. Weather may close the  
192 airports for days at a time. Light winds and low visibility often ground small planes. For a major  
193 response, local air traffic can dramatically increase.

194 The AirportIQ 5010 database and Alaska DCRA Community Database lists public and private airports,  
195 and landing strips and heliports by community. For current runway status, reference the latest edition of  
196 the Alaska Supplement to the NOAA flight information publication.

197 **3500 – STAGING AREAS**

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198 Siting of staging areas should prioritize previously disturbed site. Coordination with the Environmental  
199 Unit is necessary to mitigate impacts to a variety of cultural as well as natural resources.

200 **3600 – WILDLIFE**

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**REFERENCES AND TOOLS:**

**Contact Information:**

- [Federal and State Natural Resource Agency Emergency Contact Table](#)

**Wildlife, Fish, and Their Habitats:**

- [Wildlife Protection Guideline for Oils Spills in Alaska](#)
- [Alaska Sensitive Areas Compendium](#)

201 Information on wildlife resources at risk, sensitive habitats, and recommendations for wildlife response  
202 strategies and other activities to help minimize impacts to wildlife will be provided by representatives of  
203 USFWS, NMFS, and ADF&G to the Federal and State On-Scene Coordinators (OSCs). The WPG provides  
204 information to address wildlife concerns during a spill response in Alaska. Operations should coordinate  
205 with the Planning Section/Environmental Unit to develop an incident-specific Wildlife Response Plan.

206

207

## 4000 – PLANNING

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### REFERENCES AND TOOLS:

#### Agency Response Guides:

- [AIMS Guide](#), Appendix B, Planning Section
- [USCG IMH](#), Chapter 8 Planning Section

#### ICS Resources:

- [USCG ICS Position Job Aids](#)
- [USCG Operational Planning P's](#)
- [FEMA NIMS Doctrine, Supporting Guides & Tools](#)

- 1 Planning Section function and staff positions can be found in the NIMS Doctrine. USCG and AIMS Guide  
2 chapter subsections provide a brief overview of the units within the Planning Section.

### 3 **4100 – PLANNING SECTION ORGANIZATION**

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### REFERENCES AND TOOLS:

#### Agency Response Guides:

- [USCG IMH](#), Chapter 3, Operational Planning Cycle, Chapter 8-1 Planning Section
- [USCG ICS Position Job Aids](#)
- [ADEC ICS Forms](#)
- [AIMS Guide](#), Appendix B and Position Descriptions
- [AIMS Guide](#), Appendix D IMT Meeting Guidelines
- [AIMS Guide](#), Appendix E: General Purpose and Description of ICS Forms, Page E-6 Incident Status Summary

### 4 **4110 – Planning Section Planning Cycle Guide**

### REFERENCES AND TOOLS:

#### Agency Response Guides:

- [USCG IMH](#)
- [AIMS Guide](#)

#### ICS Resources:

- [USCG Operational Planning P's](#)
- [FEMA Planning Cycle](#)

- 5 Refer to the USCG IMH and USCG Job Aids for the operational planning cycle, known as the planning “P”.  
6 ICS Forms are available on ADEC’s website and the planning cycle is further explained on the FEMA  
7 website or within AIMS, Appendix D IMT Meeting Guidelines.

### 8 **4200 – SITUATION**

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### REFERENCES AND TOOLS:

#### Agency Response Guides:

- [USCG IMH](#), Chapter 8, Planning Section

- [AIMS Guide](#), Appendix B

**ICS Resources:**

- [USCG ICS Position Job Aid](#): Situation Unit Leader (SITL)
- [USCG Operational Planning P's](#): Situation Unit Leader (SITL)

9 **4210 – Area Mapping**

REFERENCES AND TOOLS:	
Mapping and GIS:	
Data Source	Description
<a href="#">Environmental Response Management Application®</a> , NOAA	ERMA: NOAA's Online Mapping Tool
<a href="#">Alaska Mapper</a> , ADNR	Alaska Mapper - Interactive access to State of Alaska land records
<a href="#">Alaska State Geo-Spatial Data Clearinghouse, Geographic Zone Data</a>	ASGDC providing: Aquatic Farms, Biologically Sensitive Areas, Environmental Sensitivity Index (ESI) Maps, Most Environmentally Sensitive Area (MESA) Maps, and Regional Maps (USGS Quadrangles, NOAA Nautical Maps)
<a href="#">Alaska Community Database Online</a>	Community Profile Map
<a href="#">ShoreZone Mapper</a> Use a browser such as Chrome, Firefox, or Edge for best results.	ShoreZone imagery, low tide, oblique aerial imagery: This standardized system catalogs both geomorphic and biological resources at mapping scales of better than 1:10,000. The high resolution, attribute-rich dataset is a useful tool for extrapolation of site data over broad spatial ranges for creating a variety of habitat models and oil discharge response tools
<a href="#">ADEC Web Maps</a>	ADEC GIS Maps ADEC Open Data (GIS Data) ADEC Drinking Water Protection Areas ADEC PPR ADEC Seafood Processing
ESRI's ArcGIS	<a href="#">ArcGIS Online</a>
Alaska Ocean Observing System	AOOS Data Resources Page
BLM's Spatial Data Management System	Online access to BLM Alaska land record documents, reports and GIS data

10

11 **4220 – Weather/Rivers/Tides/Currents**

**REFERENCES AND TOOLS:**

**Weather, Rivers, Tides, and Ice:**

Data Source	Description
<a href="#">NWS SPOT</a> Forecast Request	Weather forecast for incidents and events.
<a href="#">NWS Forecast Office - Juneau</a>	Forecasteter 24/7: 907-790-6824
<a href="#">NOAA's Tides and Currents</a>	Tidal Conditions
<a href="#">NWS SEAK Rivers</a>	River Conditions

12

13 **4230 – Situation Unit Displays**

**REFERENCES AND TOOLS:**

**Agency Response Guides:**

- [AIMS Guide](#), Chapter 4.0 Incident Management System: IMT Section 4.2.5 Incident Situation Display
- [AIMS Guide](#) Appendix F: Incident Situation Display Status Boards
- [USCG IMH](#), Chapter 8 Planning Section

14 **4240 – Required Operational Reports**

15 See Section 4800 for information that might be required during or after an incident.

16 **4240.1 – ICS Form 209 – Incident Status Summary**

**REFERENCES AND TOOLS:**

**Agency Response Guides:**

- [AIMS Guide](#), Appendix E: General Purpose and Description of ICS Forms, Page E-6 Incident Status Summary
- [USCG IMH](#), List of forms, Chapter 24.1
- ADEC ICS Forms

**Additional Resources:**

- [ADEC Spill Response Summaries webpage](#)

17 **4240.2 – SITREP-POLs and SITREPs**

**Additional Resources:**

- [ADEC Spill Response Information webpage](#)
- [USCG Marine Environmental Response and Preparedness Manual](#)

18 A SITREP-POL is an official report of actions taken subsequent to an oil or hazardous substance incident  
 19 and is a critical communication tool used for disseminating information internally to Coast Guard  
 20 commands and program offices. The SITREP-POL documents FOSC decisions and actions throughout the  
 21 incident and federal expenditures for recovering costs from potential responsible parties. Appendix L of  
 22 the USCG Marine Environmental Response and Preparedness Manual provides a SITREP-POL formatted  
 23 template. A summary of the SITREP-POL policy is provided below.



24

25 On an incident specific basis, or as directed by the federal and State OSC's, USCG produces SITREP-POLs  
26 and ADEC will prepare SITREPs. These reports include details that outline the facts for the reposnse.

27 The USCG uses an internal message system to disseminate SITREP-POLs and related information. The  
28 requirements for use are:

- 29 • Use of OSLTF, CERCLA, or Stafford Act funding;
- 30 • Actual or potential medium or major oil spills (defined in NCP);
- 31 • Spills with significant media, public, or political interest; or
- 32 • Any time the FOSC deems necessary.

33 Frequency of reports is based off of significant progress or milestones, operational periods, and when  
34 the IC/UC is secured.

35 The ADEC SITREPs are hosted on the ADEC Spill Response Summaries webpage. The number and  
36 frequency of these reports depends upon the severity of the incident and the size and scope of ADEC  
37 response activities associated with the incident. ADEC SITREPs are routinely distributed to ADEC  
38 management, the Governor's Office, Legislators, other agencies, local communities, tribes, media, as  
39 well as to all appropriate stakeholders depending on the specific incident. Additional SITREPs are  
40 generated during the cleanup and recovery phase to keep interested parties informed on the progress  
41 of this aspect of the response.

#### 42 4240.3 – After Action Report

43 USCG policy requires that an AAR be produced that provides lessons learned for any exercise or real-  
44 world event. Sector Juneau's Emergency Management Force Readiness Division facilitates the internal  
45 USCG post-incident "hot-wash" and coordinates with other federal and State agencies, as appropriate,  
46 for a more comprehensive AAR on lessons learned. AARs are prepared and consolidate ADEC inputs,  
47 when available, as well as inputs from other responding agencies. All relevant response agencies are  
48 encouraged to share lessons learned at SEAK Area Committee meetings.

#### 49 4240.4 – FOSC's Report

50 The FOSC will submit an FOSC report as requested by the ARRT or NRT as per *40 CFR 300.165* for an  
51 incident.

## 52 4300 – RESOURCE UNIT

### REFERENCES AND TOOLS:

#### Agency Response Guides

- [AIMS Guide](#), Appendix B
- [USCG IMH](#), Chapter 8-3

#### Logistics:

- [Job Aid: Volunteers](#)

#### ICS Resources:

- [USCG ICS Position Job Aid](#): Resources Unit Leader (RESL)

## 53 4400 – DOCUMENTATION UNIT

### REFERENCES AND TOOLS:

#### Agency Response Guides:

- [AIMS Guide](#), Appendix B
- [USCG IMH](#), Chapter 8-8

#### ICS Resources:

- [USCG ICS Position Job Aid](#): Documentation Unit Leader (DOCL)

## 54 4500 – DEMOBILIZATION UNIT

### REFERENCES AND TOOLS:

#### ICS Resources:

- [USCG ICS Position Job Aid](#): Demobilization Unit Leader (DMOB)

## 55 4600 – ENVIRONMENTAL UNIT

### REFERENCES AND TOOLS:

#### Agency Response Guides:

- [AIMS Guide](#), Appendix B
- [USCG IMH](#), Chapter 8-11, Environmental Unit

#### ICS Resources:

- [USCG ICS Position Job Aid](#): Environmental Unit Leader (ENVL)

56 Refer to Section 4800 for a list of Permits that the Environmental Unit may be tasked to complete.

## 57 4610 – *Geographic Response Strategies (GRS)*

### REFERENCES AND TOOLS:

#### Planning:

- [Geographic Response Strategies](#)
- [Tundra Treatment Guidelines](#) may provide techniques for mitigating impacts to tundra

#### Industry Websites and References Of OSROs and PRACs:

- [Southeast Alaska Petroleum Response Organization Tech Manual](#)

GRS provide responders with pre-identified tactics designed to protect a variety of "areas of major concern" against the potential negative effects of a discharge or release into the marine environment. Areas of major concerns typically encompass vulnerable resources that include, but are not limited to, environmentally sensitive areas, protected species, and/or sensitive cultural and historic resources. Protection of all such resources in their entirety would be optimal. However, given the vast nature of the Southeast Region, designating a sensitive area as an area of major concern may not be an option, due to insurmountable risk to responder safety, adverse environmental conditions, or other barriers to safe tactical deployment. Therefore, candidate areas must be evaluated for the presence of resources at risk, and subsequently prioritized based on the feasibility of successfully protecting a site with existing technology. Once an area is designated an "area of major concern," a GRS may then be established.

The GRS listed in this plan have been vetted by local, State, and federal agencies. The vetting process typically involves a desktop evaluation of GRS data by natural resource managers and other subject matter experts. Subsequent validation can include a visual inspection of the corresponding area, and/or actual field testing, including equipment deployment in accordance with established GRS tactics. Field testing generally involves the FOSC, SOSC, industry partners, and may include local/tribal stakeholders. Lessons learned during testing can be used to adjust tactics to increase the likelihood of successful protection of resources at risk.

Local communities, non-governmental and tribal entities, as well as other stakeholders are encouraged to provide information on additional potential areas of concern, for consideration in developing additional GRS.

Pre-identified GRS, useful as a basis to initiate response operations, are intended to be flexible for modification to prevailing conditions. Industry may develop their own facility specific sensitive site protection plans or strategies within their facility contingency plans. For ADEC regulated facilities, these facility contingency plans are available on the ADEC website.

#### **4620 – Fish and Wildlife Protection Strategies**

##### **REFERENCES AND TOOLS:**

##### **Wildlife, Fish, and Their Habitats:**

- [Wildlife Protection Guideline for Oils Spills in Alaska](#)
- [Alaska Sensitive Areas Compendium](#)

##### **Additional Resources:**

- [NOAA OR&R Seafood Safety After an Oil Spill](#)
- [Ensuring Food Safety After an Oil Spill in Alaska: Regulatory Authorities and Responsibilities](#)

The WPG provides information to address wildlife concerns during a spill response in Alaska. The Alaska Sensitive Areas Compendium is intended for use by the OSCs during the initial phase of an incident to assist in identifying sensitive natural, cultural, as well as economic resources.

## 89 **4630 – Shoreline Cleanup Assessment Techniques (SCAT)**

### REFERENCES AND TOOLS:

#### **SCAT:**

- [Alaska Shoreline Countermeasures Manual, NOAA April 1994](#)
- [Job Aid: SCAT Guidance](#)
- [NOAA Shoreline Assessment Job Aid, 2007](#)
- [Shoreline Assessment Manual, 4th edition, NOAA, August 2013](#)

90 Natural and cultural resource agencies' expertise in topics, including potential for habitat damage,  
91 wildlife disturbance, oil toxicity, and oil degradation, should be considered in the determination of  
92 appropriate techniques for various shoreline types.

## 93 **4640 – Potential Places of Refuge (PPOR)**

### REFERENCES AND TOOLS:

#### **Planning:**

- [Potential Places of Refuge website](#)
- [ARRT Guidelines for PPOR Decision Making](#)

94 PPORs are pre-identified sites that may aid decision makers in responding to vessel casualties.  
95 PPORs are tailored to protect sensitive areas from impacts from possible spills during the initial  
96 response. These PPORs are organized by Geographic Zone. Additional information on the background  
97 and process for pre-selection of these sites is provided on ADEC's website.

98 For incidents occurring where there are no pre-identified PPOR(s), refer to **Appendix 1** of the ARRT  
99 Guidelines for Places of Refuge Decision-Making. It provides incident-specific places of refuge decision-  
100 making considerations. This appendix provides step-by-step procedures to facilitate collaborative  
101 selection and determination of strategies needed to mitigate potential impacts to sensitive resources.

## 102 **4700 – TECHNICAL SUPPORT**

103 Certain incidents or events may require the use of Technical Specialists who have specialized skills or  
104 experience. While typically established within the Planning Section, specialized units may be assigned to  
105 any section that requires certain knowledge, experience, or skills. Examples include an Planning Section  
106 Marine Transportation Recovery Unit, a Volunteer Unit within UC Staff, or a SCAT Team Coordination  
107 Unit within the Planning Section.

## 108 **4800 – REQUIRED CORRESPONDENCE, PERMITS, AND CONSULTATION**

### 109 **4810 – Administrative Orders**

110 The USCG has published a Tactics, Techniques, and Procedures Manual (3-75.3) for writing CERCLA and  
111 OPA 90 Administrative Orders.

### 112 **4820 – Notice of Federal Interest (NOFI)**

113 The primary goal of the NOFI is to encourage RP/PRP cooperation and RP/PRP led action through  
114 informing them of their liabilities and responsibilities, potential fines, and potential costs associated  
115 with FOSC led removal actions. The NOFI may also be used to inform the RP/PRP of the federal legal  
116 requirements when a pollution incident occurs. The FOSC role in an pollution incident, or threat thereof,  
117 is primarily oversight unless the RP/PRP fails to take adequate response action.

#### **4830 – Notice of Federal Assumption (NOFA)**

The FOSC is required to notify the RP/PRP if their actions to abate the threat and remove a hazardous substance are unsatisfactory. The FOSC may then assume all or a portion of the response management, and the RP/PRP is liable for costs incurred by the federal government. The document by which this is communicated is called a NOFA. The Administrative Order, described above, is usually a precursor to issuance of a NOFA. Although not required, it is highly recommended that an Administrative Order is issued.

#### **4840 – Notice of Designation**

##### **REFERENCES AND TOOLS:**

##### **Finance/Cost:**

- [NPFC User Reference Guide \(URG\)](#)

The purpose of the notice of designation is to notify RP/PRPs and any guarantors of their designation as owner/ operator/ guarantor of the source of an incident, their potential liability under OPA 90, and their responsibilities to advertise for claims. An RP/PRP for the designated source does not have to take action to accept the designation. A designated RP/PRP may deny the designation. An RP/PRP may also advertise without accepting responsibility for the incident. If the FOSC believes that there is the possibility or likelihood for OPA third-party removal costs or damage claims due to the incident, the relevant NPFC Case Officer shall be notified immediately to determine if a Notice of Designation should be issued.

#### **4850 – Endangered Species Act (ESA) Section 7 Consultations**

##### **REFERENCES AND TOOLS:**

##### **Wildlife, Fish, and Their Habitats:**

- [Wildlife Protection Guideline for Oils Spills in Alaska](#)

##### **Additional ESA Consultation Guidance can be found at the following websites:**

- [NMFS, Alaska Office, ESA Consultation](#)
- [USFWS, Alaska Office, ESA Consultation](#)
- [NRT ESA Section 7 Consultation Guidance](#)
- [List of ESA Species in Alaska by agency](#)

Any emergency response actions taken by the FOSC and/or the SOSC using NCP authorities must follow the Inter-agency MOA Regarding Oil Spill Planning and Response Activities Under the Federal Water Pollution Control Act's National Oil and Hazardous Substances Pollution Contingency Plan and the ESA. The MOA provides flowcharts for appropriate actions pertaining to planning, response, and post response.

#### **4860 – Letter of State Interest (LOSI)**

The SOSC will evaluate each incident involving a discharge of oil or release of a hazardous substance to determine if issuance of a LOSI to an RP/PRP is appropriate. The LOSI has been designed to provide written documentation to an RP/PRP of its obligations under State law and regulation. Receipt of the letter provides an acknowledgement of these obligations by the RP/PRP.

145 **4870 – Historic and Cultural Properties Protection Consultations**

**REFERENCES AND TOOLS:**

**National and Statewide Policy:**

- [Programmatic Agreement on the Protection of Historic Properties during Emergency Response under the NCP](#)
- [Alaska Implementation Guidelines for the Protection of Historic Properties](#)

146 Cultural resources are historic, prehistoric, and archaeological resources, which include deposits,  
147 structures, ruins, sites, buildings, graves, artifacts, fossils, or other objects of antiquity, that provide  
148 information pertaining to the historical or prehistorical culture of people in the State, as well as to the  
149 natural history of the State.

150 The Programmatic Agreement on Protection of Historic Properties during Emergency Response under  
151 the National Oil and Hazardous Substances Pollution Contingency Plan (Programmatic Agreement)  
152 provides nationally consistent guidance. The Alaska Implementation Guidelines for FOSCs for the  
153 Programmatic Agreement ensure consistent application and interpretation of the national  
154 Programmatic Agreement by FOSCs and support agencies.

155 **4880 – Permits**

**REFERENCES AND TOOLS:**

**Planning:**

- [Alaska Spill Response Permits Tool](#)

156 The Alaska Spill Response Permits Tool, available via References and Tools website, provides a list of  
157 potential permits and authorizations that could be required during response to an oil discharge or  
158 hazardous substance release. This list is not exhaustive, during a response it is important to verify permit  
159 requirements with the Unified Command, resource agencies, and other officials. Incident-specific  
160 permitting needs must be coordinated with agency representatives within the Environmental Unit. This  
161 webpage provides streamlined access to more than 40 permit applications and other forms, guidance,  
162 contacts, and other helpful information, reducing the time needed to mount an effective response.

163 If an incident occurs within the boundaries of a local government, additional permits may be required.  
164 Appropriate local government officials should be contacted to determine local permitting requirements.

## 5000 – LOGISTICS

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### 5100 – LOGISTICS SECTION ORGANIZATION

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#### REFERENCES AND TOOLS:

##### Agency Response Guides:

- [USCG IMH](#)
- [AIMS Guide](#)

##### Contact Information:

- [DCRA Alaska Community Database](#)
- [ACP Contact Directory](#)

##### ICS Resources:

- [USCG ICS Position Job Aid](#): Logistics Section Chief (LSC)
- [USCG Operational Planning P's](#): Logistics

### 5110 – Logistics Challenges in Alaska

Southeast Alaska has a limited road system and most communities are accessible only by air or water. Airport facilities can be limited. Vessel support to areas can be limited to small barge landing areas (i.e., no harbor or dock facilities). Accommodations in small communities can be limited.

Significant logistics challenges exist when responding to incidents in SEAK, notably response times. The logistics challenges are dynamic and vary year to year and season to season. The cost and complexity of these responses will challenge each agency, RP/PRP, and/or stakeholder. It is highly recommended that everyone involved give due attention to logistics by assigning a logistics coordinator who reports through Logistics Section Chief of the UC. This function cannot be overlooked and must be staffed appropriately as soon as possible for any response.

### 5200 – SUPPORT

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### 5210 – Oil Response Equipment

#### REFERENCES AND TOOLS:

##### Logistics:

- [USCG Response Resource Inventory System](#) (OSRO information)
- [ADEC Primary Response Action Contractors](#) (PRAC information)
- [ADEC Community Spill Response Agreements and Equipment](#)

##### Additional Resources:

- [USCG D17 District Response Advisory Team](#)
- [US Navy Supervisor of Salvage \(SUPSALV\)](#)

## 5210.1 – Agencies

Oil discharge and hazardous substance release response equipment is available through federal and State agencies as well as the response organizations (OSROs/PRACs) included within industry contingency plans. See Table 5-1 for a partial list of agency response equipment.

Table 5-1: Agency Response Equipment

AGENCY	EQUIPMENT DESCRIPTION
Federal Agency (Access via FOSC)	
EPA	Monitoring and sampling; decon; communications (satellite phones and radio); Level A PPE; mobile command post
USCG	Pre-positioned response depots, basic equipment package consists of harbor boom, anchor/towing equipment, various sorbents, generators, emergency lights, and limited PPE.
Navy SupSalv	Ship salvage, shipboard damage control, and diving. For additional details, visit the Navy SupSalv website.
DOD	Multiple military facilities, vehicles, aircraft, heavy equipment, and field housing.
DOI	Boats, aircraft, vehicles, and bunkhouses.
State Agency (Access via SOSC)	
ADEC	Pre-positioned spill response equipment caches, communication equipment, nearshore response packages.
ADF&G	Vessels
ADOT&PF	Ferries, heavy equipment
ADNR	Heavy Equipment, aircraft support

## 5210.2 – Response Contractors

Response contractors are available through the FOSC and the SOSC (see Table 5-2).

Table 5-2: Response Contractors

Federal Contractors (Access via FOSC)	
EPA	START Emergency Response Team Maintains response equipment, BOAs for analytical labs, historic properties specialists, air charters.
USCG	BOA Term Contractors (response contractors)
State Contractors (Access via SOSC)	
ADEC	Response Term Contractors Technical Support and Planning Term Contractors

**State Term Contractors:** ADEC maintains term contracts with several companies and consulting firms for providing needed expertise and assistance during responses to an oil discharge and hazardous substance release. These contracts can be activated by the issuance of a Notice to Proceed by the ADEC Contract Manager or the SOSC. Contact the SOSC listing of the companies holding a Term Contract with the State of Alaska.

**PRAC/OSRO:** PRACs and OSROs may play an important role in a response. PRACs and OSROs are organizations that may enter into a contractual agreement with an RP/PRP (vessel or facility)

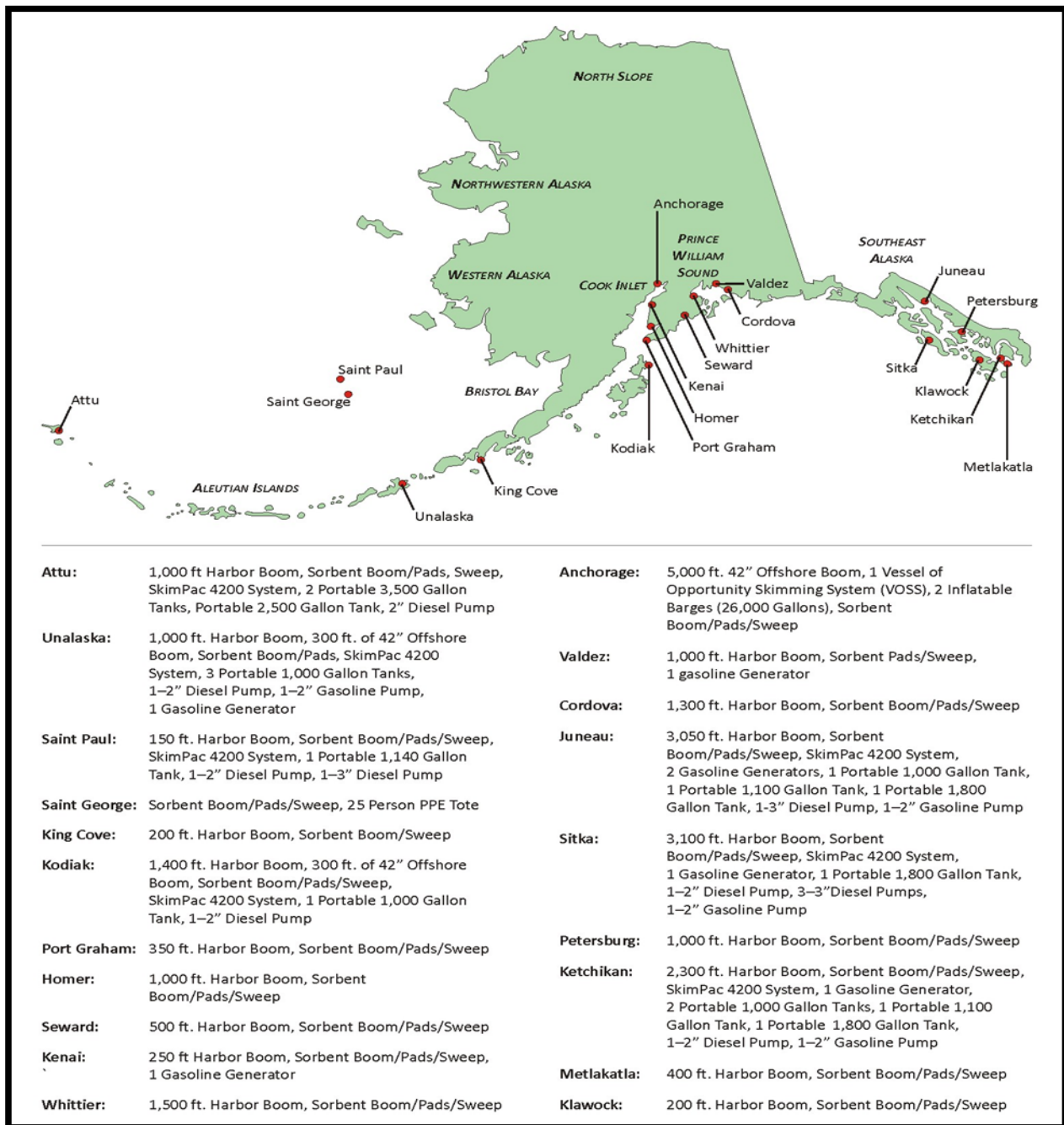


Owner/Operator), assisting the RP/PRP in discharge cleanup operations. PRACs/OSROs can provide equipment, trained personnel, and additional resources. PRAC/OSRO Operations and Technical Manuals can be referenced in vessel or facility contingency plans and serve as supplementary reference documents during a response. OSROs generally have access to large inventories of discharge equipment and personnel resources. The FOSC or SOSC may contract these assets for use. Complete equipment inventories are listed in the respective PRAC/OSRO Operations and Technical Manuals (see Figure 5-1).

A map with community spill response equipment Conex container locations and inventory is maintained on ADEC's Community Spill Response Agreements and Equipment website.

DRAFT

38 Figure 5-1: USCG D17 District Response Advisory Team – Positioned Equipment Location



39

## 40 5220 – Facilities

41 For a federally funded response, the GSA and the USCG will locate and contract necessary facilities. For  
42 RP/PRP responses, the RP/PRP will be required to provide an adequate command center.

### 43 5220.1 – ICP Options

44 Regardless of the discharged/released volume, the OSCs and resource agency representatives will  
45 initially operate from their normal offices. For significant incidents, a joint command center might be

required. In general, a command post is established in the closest community that has the necessary services and support facilities. For response in remote locations, command posts are often in regional hub communities (e.g. Anchorage, Fairbanks, and Juneau).

There are several established and equipped municipal EOCs throughout Alaska, some of the primary EOCs are listed in Table 5-3. Schools and community centers are often utilized as EOCs in rural communities. Responders should contact local government to arrange use. Many agencies and industry have designated and equipped ICPs and EOCs; these might be available to host a joint command center.

Table 5-3: Established EOCs

CITY	FACILITY
Juneau	Juneau Police Department (Primary EOC) Capital City Fire Rescue Glacier Fire Station (Alternate EOC)
Ketchikan	Ketchikan Fire Department
Sitka	Sitka Fire Department
Skagway	Skagway Fire Department

#### 5220.2 – Lodging

##### REFERENCES AND TOOLS:

##### **Contact Information:**

- [Alaska DCRA, Community Database Online](#)
- [ACP Contact Directory](#)

Commercial lodging facilities are available across SEAK, but during the summer tourist season, most lodging facilities are booked at capacity and availability may be limited. The smaller communities have very limited lodging facilities or no facilities at all. Some possible alternatives to traditional lodging may be the use of Recreational Vehicles, mobile homes, portable work camps/shelters, National Guard Armories, school gyms, etc. In some of these cases, if the incident is no longer deemed an emergency, specific zoning rules may prohibit use.

On-water berthing facilities for response personnel may be required. Chartered passenger vessels, constructed “hotel” barges, or USCG vessels might be utilized to provide berthing. All “berthing” type vessels must meet current USCG regulatory requirements.

Refer to the Alaska DCRA Community Database for local lodging options.

#### 5220.3 – Port/Dock Facilities/Capacities

##### REFERENCES AND TOOLS:

##### **Contact Information:**

- [Alaska DCRA, Community Database Online](#)
- [ACP Contact Directory](#)

##### **Additional Resources:**

- [Alaska Association of Harbormasters and Port Administrators](#)
- [ADOT&PF Ports and Harbors](#)

A complete listing of ports and harbors (in the Coastal Zone) is available on the Alaska Association of Harbormasters and Port Administrators website and at the ADOT&PF Ports and Harbors website. Docking facilities and barge landing areas may also be available on the major rivers.

#### 5220.4 – Airports/Heliports

##### **REFERENCES AND TOOLS:**

###### **Contact Information:**

- [Alaska DCRA, Community Database Online](#)
- [ACP Contact Directory](#)

###### **Additional Resources:**

- [AirportIQ 5010:](#)

Refer to Section 3400.

The Airport IQ 5010 online database serves as a repository for airport and heliport facilities, searchable by location/city.

Many communities have limited airport facilities (e.g., runway length for small aircraft only, gravel airstrips, limited fuel, unstaffed). Air services/support is generally based out of regional hub airports, with connections to larger cities via these hub locations.

#### 5220.5 – Temporary Oily Waste Storage and Final Disposal Facilities

Temporary storage of oily waste or recovered fluids must be addressed in the incident-specific Waste Management Plan. Responders should coordinate specific requirements with Operations Section and Environmental Unit.

#### 5220.6 – Waste Disposal Facilities

##### **Additional Resources:**

- [ADEC Solid Waste Information Management System \(SWIMS\)](#)

Responders should consult with ADEC on the landfill status and the current information on the adequacy of landfills. Currently, no approved hazardous waste disposal sites exist in Alaska. Municipal landfills in Alaska either no longer accept oily wastes or accept only lightly oiled soils. A list of solid waste facilities and additional guidance for Alaska Class I and II landfills is available from the ADEC SWIMS website. See Section 3240 for more information on waste management and disposal.

#### 5220.7 – Laboratories

##### **Additional Resources:**

- [ADEC List of Approved Labs](#)

Disclaimer: This list of ADEC approved laboratories does not guarantee the accuracy or validity of the data generated by these laboratories. A laboratory that is certified or approved has established that they can implement a quality control program in accordance with the appropriate federal or State regulations or statutes. This list is updated by the ADEC Contaminated Sites Lab Approval Officer (907 465-5390). For the most up-to-date listing, visit the ADEC List of Approved Labs website.

When choosing a lab from the list, request the lab supply a copy of their current ADEC approval letter. These letters detail the methods and matrices for which the lab has approval. "Approved methods" does not imply approval for both water and soil samples. Labs must renew their approval and pass performance evaluation samples annually. Failure to do so results in the revocation of a lab's approval.

## 5300 – SERVICES

### REFERENCES AND TOOLS:

#### **Contact Information:**

- [Alaska DCRA, Community Database Online](#)
- [ACP Contact Directory](#)

### **5310 – Food**

A major response will require significant quantities of food and the associated equipment necessary for properly handling, storing, preparing, and disposing of food waste. These tasks would require contract support from the local area if the requirements did not exceed local capability. It is recommended that food and other basic supplies be purchased from stores most immediate to the incident, when possible. Larger responses will require purchases from vendors outside the area. Small aircraft or vessel transport may be needed to deliver food to on-scene personnel.

### **5320 – Medical**

Hospitals are available in most hub and regional hub communities. Small communities, particularly in rural Alaska, are often served by a clinician supported by a medical doctor via telemedicine. The Alaska Community Database provides information on the nearest health care facilities by community.

### **5340 – Transportation and Heavy Equipment**

#### **5340.1 – Vehicle, Truck, and Heavy Equipment Rental**

Outside of the urban hub locations, vehicle rentals might be available by small locally owned businesses. In small communities, vehicles may be rented via the city or tribe or lodging facility. The lodging facility will often be able to provide vehicle rental information.

Off-road vehicles (ATVs and snow-machines) may also be available to rent locally – contact the city, tribe or lodging facility for recommendations.

#### **5340.2 – Maintenance**

Scattered and limited maintenance and repair facilities exist in the SEAK. Extended operations not in the immediate vicinity of maintenance facilities will require that self-contained facilities be brought on scene. Limited maintenance facilities may be available locally. The RP/PRP will need to provide self-contained facilities aboard barges or other means.

### **5350 – Clothing**

Alaska's environmental conditions dictate that response personnel be equipped to operate in the harsh marine environment. Personnel must arrive on-scene with adequate clothing to begin working immediately. This includes a complete set of heavy-duty rain gear, steel-toed rubber boots, gloves, hard-hat liner, and warm (preferably no cotton) under garments. Mosquito-netted clothing may also be

126 required for safety and comfort. Depending on the season, winter outerwear will also be required.  
127 Employers will be responsible for resupplying their employees with necessary clothing.

### 128 **5360 – Safety Equipment, Personal Protective Equipment (PPE), and Training**

129 All responders must report with the minimum required OSHA training and all required PPE. This  
130 equipment might include hard hat, safety goggles, hearing protection, gloves, personal flotation device,  
131 respirator with cartridges, and steel-toed boots. It will be the responsibility of the employer to provide  
132 and document the required training and to fully outfit and resupply their personnel with the necessary  
133 safety equipment. Availability of PPE will be confirmed by the Safety Officer.

134 Fire Resistant Clothing may be required for response personnel.

### 135 **5400 – COMMUNICATIONS**

#### **REFERENCES AND TOOLS:**

##### **Agency Response Guides:**

- [AIMS Guide](#)
- [USCG IMH](#)

##### **Contact Information:**

- [Alaska DCRA, Community Database Online](#)
- [ACP Contact Directory](#)

##### **ICS Resources:**

- [USCG ICS Job Aid](#): Communication Unit Leader (COML)

### 136 **5410 – Emergency Notifications to Community**

#### **REFERENCES AND TOOLS:**

##### **Contact Information:**

- [ADHSEM Local Area Emergency Alert System Plans](#)
- [ADHSEM Small Community Emergency Response Plans](#)

137 Many communities have reverse 911 and broadcast text messaging capabilities to disseminate  
138 emergency messages, such as Notice to Mariners, Temporary Flight Restrictions, or shelter in place  
139 recommendations.

140 Three separate systems for broadcast of emergency messages are available to the OSC. These include  
141 the NOAA Weather Radio System, the State of Alaska Emergency Alert System (EAS), and Integrated  
142 Pubic Alert Warning System (IPAWS).

143 **NOAA Weather Radio System:** The Alaskan NOAA Weather Radio System is handled through the NWS  
144 and is constantly updated. The NOAA Weather Radio System operates in two modes, i.e., normal and  
145 alarm. In the normal mode, the system provides regionally specific updated weather information. In an  
146 emergency, NWS can activate the alarm mode. In the alarm mode, NWS can remotely activate any one  
147 of 15 remote radio weather transmitters. The OSC can activate the alarm mode of the Alaskan NOAA  
148 Weather Radio System by contacting the NWS and stating that they wish to activate the NOAA Weather  
149 Radio System to service certain geographical areas. All messages should be short and concise. As a  
150 minimum, responders should provide the following information:

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- The nature of the emergency;
- Actions underway by local, State, and federal agencies and the RP/PRP; and
- Special instructions to the public.

Standard NOAA weather radio transmitters (with a nominal 45-mile broadcast radius) are situated at strategic locations throughout the State. In addition, when NOAA makes a broadcast on its weather radio affecting a specific location, it can also notify the local primary Common Program Control Station-1, a component of the EAS, covering the affected area and ask the CPCS-1 station to rebroadcast the emergency message.

**State of Alaska Emergency Broadcasting System, including EAS and IPAWS:** The ADHSEM is responsible for activation of the State EAS and IPAWS. The State notification system can be activated statewide or regionally.

**NAWAS:** The ADHSEM also operates the Alaska component of NAWAS. This system uses dedicated commercially leased land lines.

**TO ACTIVATE STATE OF ALASKA EAS, IPAWS, or NAWAS CONTACT ADHSEM at:**

1-800-478-2337 or 907-428-7000

#### **5420 – Communications Capabilities**

Communications throughout Alaska can be limited by terrain, limited communications infrastructure, and limited service providers. Alaska’s communication technology options and their potential limitations are described in Table 5-4.

Table 5-4: Communications Options

TECHNOLOGY	DESCRIPTION	LIMITATIONS
Landline	Voice and internet communications	
Cellular	Voice, text, and internet communications	Service in many locations due to terrain and latitude and weather.
Satellite	Telephone and data. Frequently used in extremely remote locations and offshore vessels. Satellite phones and portable satellite communications packages are available to establish service. AIS vessel tracking	Service in many locations due to terrain and latitude and weather.
Radio	VHF radio communications is the primary radio band used by the State of Alaska, EPA, and USCG. However, many local emergency responders utilize the UHF band.	Repeater location and accessibility ALMR compatibility

For all communication technology, response communications can overload the local capability, particularly in remote locations.

**ALMR:** The ALMR system is the two-way VHF radio system in use today by first responders and public safety officials for instant, effective and private communications during everyday operation. The system provides the efficiency, security and flexibility required during emergencies for communications on demand and in real time. The ALMR transportable capability provides coverage in areas outside the



range of the fixed infrastructure to increase capacity during an emergency or event, or to provide temporary communications for a site where communications are down. Table 5-5 provides a description of agency-owned/managed communication assets in Alaska.

Table 5-5: Agency-Owned/Managed Communications Assets

AGENCY	DESCRIPTION
ADEC	Communications equipment; managed by ADEC SPAR Warehouse
ADOA Enterprise Technology Services	Provides communications support
ADMVA	Mobile emergency communications system
ADMVA/ Alaska National Guard:	Emergency Communications Response Team 103rd Civil Support Team communications system
DOD	Extensive communications capabilities SUPSALV also has a command trailer
ADPS/AST	Communications trailer

Each agency may have limitations and restrictions regarding the use of their communication equipment.

### 5430 – Interpreters

#### REFERENCES AND TOOLS:

##### Contact Information:

- [ACP Contact Directory](#)

Contact information for American Sign Language (ASL) as well as language (non-English) interpreter services and providers is included in the ACP Contact Directory, Interpreter Section. The USCG, the Alaska State Troopers, local hospitals, and schools may also assist in identifying interpreters.

### 5500 – STATE RESPONSE RESOURCES

#### REFERENCES AND TOOLS:

##### Logistics:

- [Community Spill Reponse Agreements and Local Response Equipment](#)

ADEC pre-staged equipment is found on their Local Response Equipment website. ADEC's warehouse provides a central storage and maintenance location for staff PPE, rapid response Conex container, and communication equipment. Access, mobilization, and transport of this equipment is also coordinated through ADEC. Other State resources are described throughout this ACP, the Alaska RCP, as well as the References and Tools website.

### 5510 – Types of Incidents and Response Capability

In addition to the pre-designated SOSCs, ADEC maintains trained area response teams to manage minor (Type 4), medium (Type 2-3), and major (Type 1) incidents.



## 6000 – FINANCE/ADMINISTRATION

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### 6100 – FINANCE/ADMINISTRATION SECTION

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#### REFERENCES AND TOOLS:

##### Agency Response Guides:

- [USCG IMH](#), Chapter 11-1
- [AIMS Guide](#)

##### **Finance/Cost:**

- [NPFC User Reference Guide \(URG\)](#)
- [Technical Operating Procedures \(TOPS\) for State Access under OPA 90](#)
- [About RFA and the Response Fund](#)

##### **ICS Resources:**

- [USCG ICS Job Aids](#): Finance Section Chief

Note: None of the guides listed above in the References and Tools text box are specifically prescribed by this plan, and none are mandated for use by response plan holders or RP/PRP. FOSCs and SOSCs will work with the response organization established by the RP/PRP in responding to and managing oil discharges or hazardous substance releases if their organization is compatible with ICS principles.

### 6200 – FUND ACCESS

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#### **6210 – Federal Oil Spill Liability Trust Fund (OSLTF)**

##### **6210.1 –FOSC OSLTF Access**

The FOSC contacts the NPFC to request an FPN and initial project ceiling. Access to OSLTF is through Ceiling and Number Assignment Processing System (CANAPS). The project number is referenced in all subsequent correspondence. Obligation of funds is tracked to ensure the ceiling is not exceeded. For details regarding eligibility criteria, documentation and cost recovery, see the NPFC User Reference Guide (URG) on the References and Tools webpage.

##### **6210.2 – State Access**

State governments, typically through the SOSC, may request up to \$250,000 from the OSLTF via the appropriate FOSC. State governments access the OSLTF according to procedures in the NPFC User Reference Guide (URG), Chapter 4. The Technical Operating Procedures (TOPS) for State Access under OPA 90 are also available.

##### **6210.3 – Trustee Access**

The OSLTF is available to pay for response or removal actions carried out under FOSC direction. The FOSC sets the requested ceiling in CANAPS. A maximum ceiling is often in place that would require NPFC pre-approval to exceed. Current information is available on the CANAPS webpage. The NPFC designates the total amount of money available and assigns an FPN for the FOSC. Federal agencies working for the FOSC will be issued funds from the FOSC to pay for their activities through a Pollution Fund Removal Authorization (PRFA). State trustees should work through their federal trustee partners to obtain funding for authorized response activities. See the NPFC User Reference Guide (URG) for additional information. In general, federal and State agencies seeking access to the OSLTF following an incident may take the following actions:

1. When an agency is notified of an incident, joint discussions between the FOSC and that agency's representative shall occur to determine if it is appropriate for the agency to participate and support the FOSC.
2. If participation in the response is appropriate, the FOSC issues a PRFA based on anticipated scope of work required to support response.
3. The scope of work shall include anticipated tasks, estimated costs, and the total amount of funding needed for the duration of the response.
4. Authorization comes from the FOSC in the form of a signed and dated PRFA. The PRFA includes the activities to be funded, the amount of money available, and an FPN. The FPN must appear on all incident documentation. The signed PRFA is used as agency authorization to invoice the NPFC for reimbursement of response costs.
5. It is necessary to fully document all costs associated with authorized response expenditures. Records must include salaries and benefits, daily transportation costs, individual per diem, authorized overtime costs, material costs, equipment costs (owned or rented), and authorized contractor costs.
6. If at any time during the response it appears that the agency will exceed the PRFA ceiling, there must be an IMMEDIATE written request to the FOSC to increase the ceiling. The request must include detailed activities and costs. If an increase is approved, the FOSC will issue an amendment to the PRFA.

#### 6210.4 – Local Government Access

Local governments cannot directly access the Fund. However, during a response, local government resources may be hired via a PRFA. For claims, local governments can submit claims directly to the RP or the NPFC, as appropriate.

### **6220 – Federal Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) Funding**

#### 6220.1 – FOSC Access

FOSCs have access to CERCLA funding, as applicable, via authorities found in the NCP. USCG accesses CERCLA funding through the NPFC. EPA accesses CERCLA funding via their internal policies and procedures.

#### 6220.2 – State Access

FOSCs may assist the State in accessing CERCLA funding. All requests are reviewed and approved by the appropriate FOSC.

#### 6220.3 – Trustee Access

Federal agencies working for the FOSC may request funds from the FOSC to pay for their activities. State trustees should work through their federal trustee partners to obtain funding for authorized response activities.

#### 6220.4 – Local Government Access

For local government reimbursement under CERCLA, refer to EPA's Local Government Reimbursement Program website.

**6230 – Stafford Act Funding**

This section to be developed.

**6240 – State Oil and Hazardous Substance Release Prevention and Response Fund (OHSRPRF)**

Expenditures made directly from or reimbursed from the OHSRPRF will have unique tracking requirements both for legislative reporting and cost recovery documentation. Due to the multi-agency involvement in ICS, it is important that all agencies understand the documentation and reporting requirements related to usage of the fund.

Additional information is available on the ADEC SPAR website RFA and the Response Fund.

**6240.1 – ADEC**

SOSCs may access funds in the Response Account of the OHSRPRF, also referred to as the “Response Fund,” as provided in AS 46.08.040 and AS 46.08.045 to:

- Respond to a release or threatened release when the Governor declares a disaster related to an oil or a hazardous substance discharge emergency; or
- Investigate and evaluate the release or threatened release of oil or a hazardous substance; or
- Contain, clean up and take other necessary action, such as monitoring and assessing, to address a release or threatened release of oil or a hazardous substance that poses an imminent and substantial threat to the public health or welfare or to the environment.

The DEC Commissioner has management and oversight authority of Response Fund expenditures. This authority has been delegated to the pre-designated SOSCs subject to the following requirements.

The Commissioner has delegated in writing authority to approve payments of expenditures from the Response Account for \$50,000 or less per incident to each SOSC for emergency responses within their area. The SOSC may delegate this authority to another individual in their temporary absence.

**6240.2 – Other Agencies**

Other State agencies should only incur obligations and expenditures after receiving a request for involvement and a work plan approved by the SOSC. Obligations or expenditures not requested and approved by the SOSC will not be reimbursed from the OHSRPRF.

Other agencies may seek reimbursement from the OHSRPRF through an RSA. Supporting documentation requirements may be in excess of standard State requirements. Thus, agencies should carefully review supporting documentation requirements. Requests for reimbursement shall be reviewed against OHSRPRF requirements and shall not be approved unless the documentation requirements have been met.

This reimbursement process may be amended if a cost recovery agreement is negotiated with an RP/PRP that adds or changes reporting requirements. The ADEC shall provide written notification to all participating State agencies in such a case.

## 6300 – COST

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### **6310 – Cost Documentation, Procedures, Forms, and Completion Report**

#### **6310.1 – Federal**

##### *6310.1.1 Oil Discharge Responses*

The FOSC is required to submit all cost documentation for cost recovery to the NPFC. All federal cost documentation, procedures and forms are available via the NPFC's User Reference Guide.

##### *6310.1.2 CERCLA Responses*

The FOSC is required to submit all cost documentation for cost recovery to the NPFC. All federal cost documentation, procedures and forms are available via the NPFC's User Reference Guide.

#### **6310.2 – State**

*Cost Recovery Direct from the RP/PRP:* In cases of cost recovery direct from the RP/PRP, each participating agency may be required to provide documentation to the liable party and to ADEC for cost recovery (AS 46.04.010). Written notification of procedures shall be provided by ADEC to each participating agency. Each agency shall be required to maintain records related to the cost recovery process. Specific record keeping requirements shall be outlined in writing by ADEC to each participating agency but shall include, at a minimum:

- Expenditures incurred;
- Expenditures submitted for cost recovery; and
- Expenditures recovered.

*Cost Recovery through Litigation:* In cases of cost recovery through litigation, each participating agency may be required to provide documentation to the ALAW and to ADEC for cost recovery. Written notification of procedures shall be provided by ADEC to each participating agency.

##### *6310.2.1 Fund Expenditure Methods*

RSA executable documents shall include:

- A detailed explanation of services being rendered under the agreement;
- Financial coding for expenditures and receivables, initial and/or amended maximum service costs to be incurred by the servicing agency, and commencement and completion dates; and
- Servicing, requesting, and procurement contacts.

All RSA additions, executions, and amendments shall be approved by the SOSC or his/her designee prior to authorization and certification by ADEC. The following shall be included with each expenditure submission:

- Copies of invoices, procurement documentation, travel documentation, time sheets, and all receipts to support all non-personal service expenditures; and
- Narrative justification for the expenditure, addressing specific reasons for each expenditure as it relates to the agency's approved work plan, including detailed time entry memos for personal service expenditures.

##### *6310.2.2 Accounting*

State accounting applications will rarely be located on site. All agencies must use a unique accounting structure or other tool to identify all expenditures by specific ICS project.

ADEC must receive written notification from each participating agency of the accounting structure being used to capture its authorization, obligations, and expenditures.

### **6320 – Oil Pollution Act of 1990 (OPA 90) Liability Limits**

Limits of Liability as defined by OPA 90 are outlined in 33 CFR 138, Subpart B.

## **6400 – TIME**

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Agency guidance for tracking staff time recommends use of the ICS 214 form or equivalent as stipulated by UC.

## **6500 – COMPENSATION/CLAIMS**

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### **REFERENCES AND TOOLS:**

#### **Finance/Cost:**

- [NPFC Oil Spill Claims](#)

Guidance for submitting a claim under the OSLTF is available from the National Pollution Funds Center Oil Spill Claims website. Claims that are not managed through the OSLTF are likely submitted directly to the RP/PRP to resolve.

## **6600 – PROCUREMENT**

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### **6610 – Contracting Officer Authority**

### **REFERENCES AND TOOLS:**

#### **Finance/Cost:**

- [National Pollution Funds Center Spill Response Funding](#)

#### **6610.1 – Federal**

Federal contract authority for discharge response falls under the FOSC duties. Contracting Officers (KO) for emergency response contracts are assigned to Shoreline Infrastructure Logistics Centers (SILC) and are authorized to sign contracts. Further guidance on this topic is available from the National Pollution Funds Center.

#### **6610.2 – State Responsible Agency: ADOA**

Agencies are cautioned that procurement actions are governed by AS 36.30, the State of Alaska Administrative Manual, 2 AAC 12, Departmental Delegated Purchasing Authority Memoranda, as well as individual departmental policy and procedures.

In an initial activation of the multi-agency ICS, the ADOA can establish an on-scene Procurement Office, using the Designated Contract Support Team (DCST) and reporting to the Finance/Administration Section Chief. The Logistics Section Chief will work with the Procurement Office to ensure accounting practices and procedures are followed for all transactions.

Primary activities include the following:

- Establish written term contracts for services;

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- Eliminate State liability from verbal contracts through public notices;
  - Assess and establish leases for office and other space;
  - Assist, as needed, all participating agencies in contracting, emergency procurement, and reporting;
  - Establish systems to provide adequate internal controls and communication between the finance procurement unit and the logistics supply unit;
  - Coordinate with ADMVA/ADHSEM and ADOT&PF and Logistics to ensure ground transportation requirements are met; and
  - Assist in hiring and training staff for procurement functions.

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## 7000 – HAZARDOUS SUBSTANCES

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Guidance for hazardous substance response is focused on highlighting distinctions between oil and hazardous substance response under the NCP. Each hazardous substance response is unique, and this section is intended to serve as a policy guide to provide hazardous substance response resources and clearly define the ways a hazardous substance release response may often differ from an oil discharge response.

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## **REFERENCES AND TOOLS:**

### **Hazardous Substances:**

- NCP 40 CFR 300.400 Hazardous Substance Response, [Electronic Code of Federal Regulations](#) home
- [Hazardous Substance Job Aid](#)
- [Nuclear/Radiological Incident Annex to the NRF](#)
- [Radiological Response Procedure Job Aid](#)
- [Hazardous Materials Response Special Teams Capabilities and Contact Handbook](#)
- [NOAA Air Resources Laboratory](#) (air dispersion modeling assistance)

### **Chemical and Hazard Material Guides and Manuals:**

- [CHEMTREC](#), Chemical/Hazardous Substance information, 1 800-424-9300
- DOT Emergency Response Guide (ERG), [2020 version](#)
- [International Maritime Dangerous Goods Codes](#)
- [National Fire Protection Guide On Hazardous Materials](#)
- [NIOSH/OSHA/USCG/United States EPA, NIOSH Pocket Guide to Chemical Hazards](#)
- [Occupational Safety and Health Guidance Manual for Hazardous Waste Site Activities](#)
- Safety Data Sheets
- Sax's Dangerous Properties of Industrial Materials
- [CAMEO](#) Computer Aided Management of Emergency Operations, NOAA OR&R
- [ALOHA](#) Areal Locations of Hazardous Atmospheres, NOAA OR&R
- [HYSPLIT NOAA Air particle model, NOAA ARL](#)

### **Agency Response Guides:**

#### **USCG IMH:**

- Chapter 15: Terrorism Incident
- Chapter 20: Hazardous Substances/Materials
- Chapter 22: Multi-Casualty Branch

#### **EPA IMH:**

- Chapter 15: Hazardous Substance Response
- Chapter 18: Radiological Incidents
- Chapter 19: Biological Incidents
- Chapter 21: Terrorist Incidents

#### **AIMS Guide**

*Note: CERCLA-regulated hazardous substances, and their reportable quantities, are listed in 40 CFR Part 302, Table 302.4. CERCLA and EPCRA reportable quantities may also be found in EPA's "List of Lists." Radionuclides listed under CERCLA are provided in a separate list, with Reportable Quantities in Curies.*

1 See also Section 7500 for additional reference material.

## **2 7100 – INTRODUCTION**

3 There are several factors unique to hazardous substance releases. These factors do not change the ICS  
4 structure. The purpose of this chapter is to provide ACP users with information specific to response to  
5 hazardous substance releases, including Weapons of Mass Destruction (WMD) incidents.



Many ARRT and Area Committee member agencies have specific responsibilities during and following a hazardous substances incident, including WMD or other terrorist act (chemical, biological, or radiological). The ACP is a good general guide for interagency coordination and resources during a response to any type of oil or hazardous substances incident. When an incident is large enough in scope to trigger the NRF, a hazardous substance response will be conducted under Emergency Support Function 10 (ESF 10) and may use this plan as a guide.

## **7110 – Scope**

This chapter focuses on hazardous substance incidents with the following characteristics:

- Multi-agency and/or multi-jurisdictional response;
- Exceedance of localized (city/county/state) response capacity;
- Response that exceeds one operational period;
- Release or imminent release of hazardous substances (not intelligence only); and
- Response phase of the incident, through stabilization.

## **7120 – Definitions of Hazardous Substances**

This chapter does not specifically deal with issues related to a response to petroleum products. Petroleum products such as diesel and gasoline are specifically excluded from CERCLA and are not considered to be “hazardous substances” under federal statute. State environmental statutes, however, consider these materials hazardous substances.

This chapter address the hazardous substances, as defined and regulated by CERCLA, the Clean Air Act, CWA, and the Toxic Substances Control Act. This includes RCRA “hazardous wastes.” In addition, any element, compound, mixture, solution, or substance may also be specifically designated as a “hazardous substance” under CERCLA. This definition includes numerous hazardous chemicals, as well as chemical warfare agents and radionuclides. CERCLA hazardous substances and associated Reportable Quantities are listed in 40 CFR Part 302.4 – the “List of Lists.” CERCLA also applies to “pollutants or contaminants” that may present an imminent or substantial danger to public health or welfare. An imminent or substantial danger to public health or welfare is caused when the pollutant or contaminant will, or may reasonably be anticipated to, cause illness, death, or deformation in any organism. Most biological warfare agents have been determined to be pollutants or contaminants under CERCLA.

Hazardous substance responders should be familiar with Chemical, Biological, Radiological, Nuclear, and Explosive (CBRNE) responses that are generally considered part of a terrorist or weapons of mass destruction (WMD) attack, making the response a crime scene. DoD, DHS and FBI all have authorities for responding, investigating and sampling CBRNE incidents and FOSCs shall be prepared to provide resources and technical assistance concurrent to the criminal investigation or after it is completed. EPA and CG are the only federal agencies that have authority to provide removal and remediation services for long-term environmental multi-media cleanup and decontamination of a contaminated site.

### **7120.1 – State of Alaska Definition of Hazardous Materials (Hazmat)**

The State of Alaska regulates hazardous substances under a broad definition of hazmat in AS 29.35.590(7).

## **7130 – Authorities**

### **7130.1 – Federal Authorities**

Federal authorities are responsible for a response to the release of a hazardous substance, pollutant, or contaminant, including biological, chemical, and radiological warfare agent, as outlined in the CWA § 311, CERCLA (commonly known as “Superfund”), and the NCP. FOSCs do not have the authority to respond to hazardous material incidents that do not include hazardous substances.

FOSCs have a mandate to respond to assist State, tribal, and local hazmat responders who are dealing with an unknown chemical release to the environment. Once the public safety threat is over, the FOSC must evaluate if there is a remaining environmental threat from a hazardous substance and/or pollutant or contaminant, as defined by CERCLA.

Jurisdiction: the USCG is the FOSC for the Coastal Zone. The EPA is the pre-designated FOSC for the Inland Zone. The FOSC will respond to hazardous substance releases, or threats of release which originate from:

- Vessels and vehicles and other modes of transportation, e.g., railroad.
- Facilities, when the release requires immediate action to prevent risk of harm to human life, health, or the environment.
- Hazardous waste management facilities, or illegal disposal areas, when the USCG FOSC determines emergency containment or other immediate removal actions are necessary prior to the arrival of the EPA FOSC.

Per the USCG-EPA Instrument of Redesignation, any response to an incident originating on a vessel of any kind, is the jurisdiction of the USCG FOSC and cannot be delegated to the EPA (agreement signed 1987 & 1988).

DOD will provide the FOSC for any hazardous substance releases from DOD vessels or facilities. DOE will provide the FOSC for any releases from DOE facilities.

Under the NCP, responsibility for radiological responses is more complex and is dependent on who “owns” the source of the release. Roles and responsibilities are outlined in the Nuclear/Radiological Incident Annex to the NRF. The EPA Radiological Emergency Response Plan provides additional guidance on responding to radiological incidents.

Transition to Long-Term Cleanup/Site Remediation: Once the immediate threat to human life, health, or the environment has been abated and the character of the response changes to a long-term cleanup or site remediation, the FOSC’s responsibilities will be transferred to a designated EPA official. The EPA is the lead federal agency for longer-term hazardous substance and pollutant or contaminant cleanups in the Coastal and Inland Zones. However, long-term cleanup is outside of the scope of this plan.

### **7130.2 – State Authorities**

The State of Alaska regulates hazardous materials under a broad definition of hazmat in AS 29.35.590(7). For chemical releases, ADEC will provide the SOSC. For biological responses, ADHSS will activate their EOC and will designate the SOSC. Radiological responses are jointly led by the ADEC and ADHSS and the SOSC will be determined on a case-by-case basis.

## 7130.3 – Lead Agencies for Types of Hazardous Substance Incidents

Table 7-1 outlines the State and federal lead agencies for specific incident types. Note that this chart only shows the agency with primary authority—it does not reflect the fact that multiple agencies typically coordinate on each incident.

Table 7-1: Lead State and Federal Agencies for Specific Incident Types

	OIL	CHEMICAL	BIOLOGICAL	NUCLEAR/ RADIOLOGICAL	DISASTER
State of Alaska	ADEC	ADEC (plus state defined hazmat)	ADHSS	ADEC, ADHSS	ADMVA
Federal	EPA USCG	EPA USCG	EPA	EPA, USCG, DOE, DOD NRC, NASA	FEMA

## 7200 – RESPONSE

### 7210 – Command

The community's LOSC is in command and control until he or she determines that there is no longer an imminent threat to public safety. The LOSC can at any time request higher authority to assume command and control of an incident. Local emergency plans should be consulted for any specific directions or guidelines. The local fire department and/or LEPC should have the most current records on local storage of hazmat in quantities large enough to meet federal reporting requirements.



As long as there is an immediate threat to public safety, the LOSC serves as the ultimate command authority if the FOSC or SOSC does not assume the lead role for the response or the LOSC requests a higher authority to assume that responsibility.

### 7210.1 – Hazardous Substances Incident/UC Objectives

#### Primary UC Objectives:

- Identify the hazards
- Isolate the hazard area
- Protect the safety of the public and responders
- Establish command
- Complete notifications
- Activate response plans

#### Other Possible UC Objectives:

- Threat assessment
- Hazard detection and reduction
- Environmental monitoring and forecasts
- Sample and forensic evidence collection/analysis
- On-site safety

- Assess impacts to critical infrastructure and cascading impacts
- Plume and/or trajectory modelling

## 7210.2 – Criminal Incident Management

It may be unclear at the onset of a response whether the cause was accidental or criminal. Local responders will be the first to arrive on scene to assess the situation and possibly take initial response measures to contain or stop the release. In instances where criminal activity is suspected, coordination is required between law enforcement, who view the incident as a crime scene, and other first responders, who view the incident as a hazardous substances problem or a disaster site. Although protection of life remains paramount, the protection and processing of the crime scene is imperative so perpetrators can be identified and apprehended.

The FOSC should share all available and applicable information with appropriate law enforcement agencies' in the event a criminal investigation is required.

## 7210.3 – Credible Threat Determination (Terrorism/CBRNE Events)

If a responder suspects terrorism, the FBI and local/State law enforcement must be notified as soon as possible. A terrorist incident will always be treated as a federal crime scene, thus giving the FBI the initial lead in each response.

Credible Threat Determination: The FBI and other law enforcement agencies will determine whether the event is a credible terrorist threat/act of terrorism, based on available evidence, statements, scenario, and intelligence. The FOSC may be approached by law enforcement agencies to assist in obtaining initial investigative samples to confirm their "credible threat."

Response to Terrorism Incident: A CBRNE/WMD type terrorist incident is inherently a hazardous substance incident with a criminal investigation component. As such, it should be responded to under the NRS and potentially the NRF. The NRF's Terrorism Incident Law Enforcement and Investigation Annex provides guidance on a response to criminal incidents with significant impacts.

The FBI and DHS can activate federal resources to assist in the response activities, not only for the criminal investigation but for UC support. The FBI and/or DHS may be able to provide information on critical infrastructure, cascading impacts, GIS products, and access to the Infrastructure Protection Gateway systems.

The UC responding to an incident involving terrorism must be acutely aware of the unique nature of the federal government's response mechanism for these types of incidents. Homeland Security Presidential Directive 5 gives DHS the lead federal role for coordinating federal support to a State and local response; however, nothing in the NRF changes the legal authorities or responsibilities outlined in other federal, State, or local laws and regulations. Members of the UC may find themselves working with or for DHS, the FBI, FEMA, or several other federal agencies under the NRF.

## 7220 – Operations

Operations activities for hazardous substance, pollutant, or contaminant releases are dependent upon the way they are released (i.e., explosion, train derailment, fire, etc.) and the environment (air, water, soil) and/or structures impacted by the release. FOSC authority to respond is dictated by the NCP, Subpart E. FOSCs shall follow the phases outlined there. In general, operations activities can be grouped into the following general steps, listed in Table 7-2. (These steps are not presented in a chronological order and not all are necessary in all responses.)

Table 7-2: General Operations Activities

<b>Notifications and Communications</b>	<ul style="list-style-type: none"> <li>• Notification</li> <li>• Communication of the hazard warning to others</li> <li>• Initiation of emergency decontamination of casualties</li> </ul>
<b>Victim Health and Safety</b>	<ul style="list-style-type: none"> <li>• Evacuation/shelter-in-place</li> <li>• Removal of victims to a safe area</li> <li>• Observation of signs and symptoms of casualties</li> </ul>
<b>Hazard Identification and Risk Assessment</b>	<ul style="list-style-type: none"> <li>• Determination of the contaminant/hazards involved</li> <li>• Plume and runoff forecasts</li> <li>• Determination of extent of contamination</li> <li>• Sampling of water/soil/air/product</li> <li>• Determination of threat to human health and the environment</li> </ul>
<b>Site Control and Worker Health and Safety</b>	<ul style="list-style-type: none"> <li>• Establishment of hot, warm, and cold zones</li> <li>• Control of access to area</li> <li>• Initiation of decontamination procedures for response personnel/equipment</li> </ul>
<b>Containment and Cleanup</b>	<ul style="list-style-type: none"> <li>• Control/stoppage of further releases</li> <li>• Containment of material already released</li> <li>• Implementation of countermeasures</li> </ul>

## 7220.1 – Offensive vs. Defensive Operations

Defensive response measures include detecting a release, notifying the public and appropriate agencies, predicting plume movement, and protecting the public through evacuation or shelter-in-place tactics.

Offensive response measures include monitoring chemical concentrations and entering hazard zones to accomplish rescue, control, decontamination, or other objectives. The key to an effective offensive response is a well-trained, equipped, and practiced Hazmat team.

Response staff should refer to OSHA HAZWOPER standards (29 CFR 1910.120). For personnel safety, it is imperative that responders know which level they are trained and qualified to respond. Other response objective may be prioritized during an incident, such as providing medical care, firefighting capability, and decontamination.

## 7220.2 – Sampling Assistance and Resources

The following agencies can provide on-site sampling followed by laboratory analysis of hazardous substances:

- EPA – Region 10
- USCG Pacific Strike Team
- FBI Hazardous Materials Response Unit
- National Guard 103rd Civil Support Team

## 7220.3 – Analytical Analysis/Laboratory Assistance

Several laboratories can assist in sample analysis; however, laboratory capabilities vary. Available analyses, detection limit, sample type, and turn-around times vary.

The State labs for ADEC and ADHSS can analyze several matrices (soil, water, air, biological samples) for a variety of contaminants, including capabilities in general chemistry, radiological isotope identification and activity, and biological agents.

EPA's START contractor maintains BOAs with several labs; these are listed in Table 7-3. However, it should be noted that this is not an exhaustive list and other labs, including other Alaska-based labs, may be available.

Table 7-3: Analytical Labs (EPA/START BOA Laboratories)

LABORATORY	CAPABILITIES
EMSL Analytical, New Jersey	Asbestos
A & B Labs	General Chemistry/ Limited Air
Eurofins Air Toxics (Air)	Air
ARI (General)	General
ALS Environmental, California	Air
ALS Environmental, Washington	General Chemistry/ Dioxin
GEL Laboratories	General Chemistry
Lab/Cor, Inc., Oregon & Washington	Asbestos
On Site Environmental	General Chemistry
Test America, Alaska, Washington, Phoenix	General Chemistry, Dioxin, Air
EMT Laboratory, Illinois	General Chemistry
Pace Analytical	Air, Hydrocarbons, Dioxins

#### 7220.4 – Plume Modelling Assistance

##### REFERENCES AND TOOLS:

##### **Hazardous Substances:**

- NOAA OR&R [ALOHA](#) (Areal Locations of Hazardous Atmospheres)
- NOAA's Air Resources Laboratory [HYSPLIT website](#)

Several plume modelling programs/applications are available for hazardous substance gas vapors and/or particulate plumes. These range from simple (ALOHA) to complex (HYSPLIT).

**ALOHA:** ALOHA can predict the movement of hazardous substances in the atmosphere and display the toxic threat zones on a digital map via MARPLOT. ALOHA can also estimate thermal and explosive threat zones of flammable chemicals. ALOHA has almost a thousand chemicals in its database. MARPLOT uses electronic maps created by the United States Bureau of the Census that cover the entire country. ALOHA and MARPLOT are available downloaded for free as part of the CAMEO software suite from EPA.

**Use and Limitations:** ALOHA is a basic tool for responders to use and does not require significant specialist training to utilize; while simple to use, it has several limitations as it does not consider several variables used in more advanced modelling.

**HYSPLIT Model:** HYSPLIT is one of NOAA's most widely used atmospheric transport and dispersion air modeling systems. It can be used to determine where airborne particles originated as well as where they're likely to go based on historic and anticipated weather patterns. Unlike ALOHA, HYSPLIT models are available for modeling particulates, such as smoke. **Use & Limitations:** A user-friendly trajectory or

dispersion model, the READY (Real-time Environmental Applications and Display sYstem), can be run from the NOAA's Air Resources Laboratory HYSPLIT website. However, this interface does have limitations in its accuracy and detail and is designed with atmospheric scientists as the intended user. Hazardous Substance release responders should contact NOAA for assistance is preparing a more accurate and complete model.

In Situ Burning: This model can be used for *in situ* burning smoke plumes, although it is based on wood smoke and not smoke from petroleum fires.

- Contact NOAA's: Scientific Support Coordinator or Air Resources Laboratory for more information.

## 7220.5 – Transition to Removal/Remedial Action

At some point after the peak of the initial response phase, the nature of site activities may evolve into a removal/remedial action. The responders involved in the initial response phase may or may not be actively involved with this phase. Depending upon the scope of activities and the ability of the local responders, post-initial response and mitigation phase efforts may necessitate mobilization of additional resources. In addition, it is possible that additional federal and/or State agency representatives may need to be involved with the removal/remedial action to ensure that regulatory mandates are followed. It is critical that the initial responders debrief the incoming clean up staff prior to demobilizing. Standard long-term cleanup actions are:

- Evaluate cleanup/decontamination options; and
- Implement cleanup alternatives.

Some sites will move to a long-term monitoring and/or remediation phase. This is outside the scope of the ACP.

## 7230 – Logistics

### 7230.1 – Specialized Hazardous Materials (Hazmat)/Emergency Response Teams

There are several specially trained hazmat teams (both public and private) in Alaska that might be available to respond to a hazardous substance release (see Table 7-4).

Emergency response teams, LEPCs, and first responders may obtain access to preparedness and planning information by requesting access to the State's Tier II Database. EPCRA Tier II data is managed by ADEC, for additional information staff should email the Tier II coordinator at [tiertwo@alaska.gov](mailto:tiertwo@alaska.gov).

224 Table 7-4: Response Teams

TEAM NAME	BASE	REGION-WIDE, IF REQUESTED	TEAM LEVEL A/B
EPA Emergency Response (START)	Anchorage, AK	Yes	Both
EPA Radiological Emergency Response	Las Vegas, NV	Yes	Both
Pacific Strike Team (USCG)	Novato, CA	Yes	Both
103 <sup>rd</sup> Civil Support Team (National Guard)	Anchorage, AK	Yes	Both
Statewide Hazardous Material Response Teams	Various	Yes	Both
<ul style="list-style-type: none"> <li>Anchorage Fire Department HazMat Team</li> </ul>	Anchorage, AK	Yes	Both
<ul style="list-style-type: none"> <li>Fairbanks North Star Borough HazMat Team</li> </ul>	Fairbanks, AK	Yes	Both
<ul style="list-style-type: none"> <li>Capital City Fire/Rescue HazMat Team</li> </ul>	Juneau, AK	Yes	Both
<ul style="list-style-type: none"> <li>Ketchikan Fire Department HazMat Team</li> </ul>	Ketchikan, AK	Yes	Both
<ul style="list-style-type: none"> <li>Kodiak Fire Department HazMat Team</li> </ul>	Kodiak, AK	Yes	Both

225 In addition to the teams listed above, several additional agencies and organizations are members of the  
 226 Statewide Hazmat Response Work Group and have trained responders and hazmat teams. These include  
 227 the DOD, FBI, ADHSS, and industry partners, such as Lynden Transport.

#### 228 7230.2 – Contractor Support

229 There are several contractors in Alaska with expertise in responding to hazardous substance releases. It  
 230 is essential that any contractor who is retained have the appropriate training to meet OSHA's  
 231 29 CFR 1910.120 health and safety requirements and be capable of responding in the appropriate level  
 232 of protection.

### 233 7300 – HAZARDOUS SUBSTANCES AND PRODUCTS IN ALASKA

234 This section profiles specific EHSs in Alaska—the substances and their characteristics, the facilities that  
 235 use or store them, their transportation, the risks they pose, and the capability to respond to large-scale  
 236 releases.

237 Alaska is fortunate in that only a limited number of EHSs are known to be present in the State, and of  
 238 the limited number identified only a few are prevalent. The most prevalent EHS, in terms of pounds  
 239 stored and/or number of reporting facilities, are listed in Table 7-5 below. This list is based on the 2018  
 240 Tier Two Reports. Table 7-6 lists common hazardous substances that have a high probability of  
 241 occurrence and/or a high consequence if released, including chemical, biological, radiological/nuclear  
 242 and explosive substances. The Cameo Chemical website for each chemical includes hyperlinked  
 243 references, such as the ERG, NIOSH Pocket Guide, International Chem Safety Card, USCG CHRIS Code;  
 244 use the website or CAMEO Chemical App to access this additional guidance on chemical properties,  
 245 safety, and response.

Table 7-5: Most Prevalent EHS in Alaska

EHS	CHEMICAL PROPERTIES AND RESPONSE REFERENCES
Ammonia, Anhydrous	<a href="#">CAMEO Chemical: Anhydrous Ammonia</a>
Aniline	<a href="#">CAMEO Chemical: Aniline</a>
Benzyl Chloride	<a href="#">CAMEO Chemical: Benzyl Chloride</a>



Table 7-5: Most Prevalent EHS in Alaska

EHS	CHEMICAL PROPERTIES AND RESPONSE REFERENCES
Chlorine	<a href="#">CAMEO Chemical: Chlorine</a> <a href="#">NRT Quick Reference Guide: Chlorine Gas</a>
Ethylene Oxide	<a href="#">CAMEO Chemical: Ethylene Oxide</a>
Formaldehyde	<a href="#">CAMEO Chemical: Formaldehyde</a>
Hydrogen Sulfide	<a href="#">CAMEO Chemical: Hydrogen Sulfide</a> <a href="#">NRT Quick Reference Guide: Hydrogen Sulfide</a>
Nitric Acid	<a href="#">CAMEO Chemical: Nitric Acid, Red Fuming</a> <a href="#">CAMEO Chemical: Nitric Acid, Other than Red Fuming</a>
Sodium Cyanide	<a href="#">CAMEO Chemical: Sodium Cyanide</a> <a href="#">NRT Quick Reference Guide: Cyanide Salts</a>
Sulfuric Acid	<a href="#">CAMEO Chemical: Sulfuric Acid</a>

Table 7-6: Common Hazardous Substances in Alaska

HAZARDOUS SUBSTANCE	CHEMICAL PROPERTIES AND RESPONSE REFERENCES
<b>CHEMICAL</b>	
Asbestos	<a href="#">CAMEO Chemical: Asbestos</a> EPA Guidelines for Catastrophic Emergency Situations Involving Asbestos
Benzene, Toluene, Ethylbenzene, Xylene (BTEX)	<a href="#">CAMEO Chemical: Benzene</a> <a href="#">CAMEO Chemical: Toluene</a> <a href="#">CAMEO Chemical: Ethylbenzene</a> <a href="#">CAMEO Chemical: Xylene</a>
Mercury	<a href="#">CAMEO Chemical: Mercury</a> <a href="#">EPA Mercury Response Guidebook March 2019</a>
Methanol	<a href="#">CAMEO Chemical: Methanol</a>
Polychlorinated biphenyl (PCB)	<a href="#">TBD</a>
Pesticides/Herbicides	<a href="#">TBD</a>
<b>BIOLOGICAL</b>	
Botulinum Toxin	<a href="#">CDC, Botulism Website</a>
General Response Guidance:	ASTM E2458 - 17 Standard Practices for Bulk Sample Collection and Swab Sample Collection of Visible Powders Suspected of Being Biological Agents and Toxins from Nonporous Surfaces ASTM E2770 - 17 Standard Guide for Operational Guidelines for Initial Response to Suspected Biological Agents and Toxins
<b>RADIOLOGICAL/NUCLEAR</b>	
Technologically Enhanced Naturally Occurring Radioactive Material TENORM	<a href="#">EPA TENORM: Oil and Gas Production Wastes</a>
Nuclear Medicine Products	<a href="#">Radiation Used in Nuclear Medicine</a> <a href="#">U.S. Nuclear Regulatory Commission Fact Sheet: Medical Use of Radioactive Materials</a>

Table 7-5: Most Prevalent EHS in Alaska

EHS	CHEMICAL PROPERTIES AND RESPONSE REFERENCES
Radiological Imaging/ Industrial Radiography Products	<a href="#">U.S. Nuclear Regulatory Commission Industrial Uses of Nuclear Materials</a>
General Response Guidance:	EPA Region 10 Radiological Incident Response Standard Operating Guidelines EPA Emergency Response Program Radiological Incident Checklist
<b>EXPLOSIVES</b>	
Military Munitions	<a href="#">Responding to Military Munitions Concept Plan (USCG Sector Delaware Bay)</a>
Unexploded Ordnance	<a href="#">EPA Handbook on the Management of Ordnance and Explosives at Closed, Transferring, and Transferred Ranges and Other Sites</a>
Industrial Explosives	<a href="#">TBD</a>
Illicit Explosives	<a href="#">TBD</a>

## 246 7400 – RESOURCES

### **REFERENCES AND TOOLS:**

#### **Hazardous Substances:**

- [Hazardous Substance Job Aid](#)
- EPA [How to Better Prepare Your Community for a Chemical Emergency: A Guide for State, Tribal and Local Agencies](#)
- [EPA Chemical Emergency Preparedness and Prevention on Tribal Lands](#)
- [ADEC Hazardous Materials \(Hazmat\) Response webpage](#)
- [ADHSEM State Emergency Response Commission](#)

Refer to Section 7240 *Logistics* for a listing of Hazardous Materials Emergency Response Teams

## 247 7410 – Personnel and Equipment

248 Sources of hazmat response personnel fell into relatively distinct categories depending on the type of  
 249 organization. Municipal organizations draw their hazmat personnel primarily from local fire  
 250 departments. In most cases, hazmat response is simply one function of the local fire department(s),  
 251 along with firefighting, other forms of disaster management, and Emergency Medical Service (EMS). Fire  
 252 department hazmat personnel include both paid and volunteer members.

253 Federal organizations with hazmat response capability draw members from DOD installation fire  
 254 departments. The military fire departments often include both military and civilian personnel.

255 Industry organizations with hazmat response capability draw personnel from two areas: facility workers  
 256 and industry fire departments.

### 257 7410.1 – Federal

258 EPA, Region 10, maintains a Level A capability through their START Contractor and EPA response staff  
 259 stationed in Alaska. USCG maintains the Pacific Strike Team located in Novato, California.

260 Additionally, EPA may call upon the DOD's Alaskan Command (as a member of the ARRT) to provide  
 261 hazmat response resources (teams and equipment) from U.S. Army and U.S. Air Force facilities, if  
 262 capabilities exist.

Federal personnel, except for specialized teams (e.g., the NSF and the Pacific Strike Team, or the EPA START Team), will not enter a hazardous environment. Federal agencies in Alaska will maintain a “conservative” Level D response capability level. “Conservative” response consists of recommending evacuating the affected area and maintaining a safe perimeter while attempting to positively identify the pollutant and outlining a clear course of action. This response posture is appropriate due to insufficient numbers of trained or equipped personnel to allow a safe and proper entry into a hazardous environment and the low risk of a chemical release in the area.

#### **7410.2 – State**

ADEC is mandated by statute to respond promptly to a discharge of oil or a hazardous substance (AS 46.08.130). ADEC may contract with a person, business, or local government in order to meet response requirements, or may establish and maintain a containment and cleanup capability (i.e., personnel, equipment, and supplies).

Presently, ADEC has no Level A or B hazmat response capability, although there is some possibility that ADEC response team contractors could be mobilized out of Anchorage in time to assist in certain hazmat responses. ADEC has some monitoring equipment in Anchorage and Fairbanks and there is some capacity for the agency to assist local or nearby response efforts by monitoring airborne contaminant levels.

ADEC has entered into local response agreements with the City and Borough of Juneau, the City of Ketchikan, Fairbanks Northstar Borough, the Municipality of Anchorage, and the City of Kodiak whereby the local hazmat team may elect to respond on the State’s behalf to an incident when requested by the SOSOC. These agreements address Hazmat responses beyond the normal jurisdictional boundaries. Information on the State’s hazmat capability and Statewide Hazmat Response Team is available on [ADEC’s Hazmat Response](#) webpage.

#### **7410.3 – Local Emergency Planning Committees**

EPCRA includes requirements for chemical hazard planning including the establishment of SERC and LEPDs. Local Emergency Planning Committees were established within the LEPDs to, among other duties, prepare, review, and test/exercise emergency plans. The plans must include a variety of information, including a description of emergency equipment and facilities in the community, and emergency response training programs. Responders may refer to these documents during an incident. Information about the [SERC](#) and the Alaska’s [21 LEPCs](#) are available online.

#### **7420 – Policy, Guidance, and Studies**

EHS releases summaries are available from calendar year 2010 to the present on [ADEC’s hazmat response website](#).

#### **7500 – REFERENCE MATERIALS**

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CERCLA hazardous substances, and their reportable quantities, are listed in 40 CFR Part 302, Table 302.4. CERCLA and EPCRA reportable quantities may also be found in EPA’s “[List of Lists](#).” Radionuclides listed under CERCLA are provided in a separate list with Reportable Quantities in Curies. Table 7-8 summarizes the references materials.

Table 7-7: Reference Materials to Support Hazardous Substance/Material Response

INFORMATION SOURCE	DESCRIPTION
CFR	<p>29 CFR – Labor</p> <p>33 CFR – Navigation and Navigable Waters</p> <p>40 CFR – Protection of the Environment</p> <p>40 CFR Part 300 – NCP</p> <p>49 CFR – Transportation</p>
Safety	<a href="#">NIOSH Manual of Analytical Methods</a>
	<a href="#">OSHA Guidance Manual for Hazardous Waste Site Activities</a>
	<a href="#">Quick Selection Guide to Chemical Protective Clothing</a>
	<a href="#">3M Respirator Selection Guide and Odor Thresholds for respirators</a>
	<p><a href="#">ATSDR Medical Management Guidelines for Acute Chemical Exposures</a> includes information on:</p> <ul style="list-style-type: none"> <li>- physical properties</li> <li>- symptoms of exposure</li> <li>- standards and guidelines</li> <li>- personal protection</li> <li>- decontamination</li> <li>- care for first responders</li> <li>- pre-hospital and hospital providers</li> </ul>
Chemical Properties	<a href="#">CHRIS</a>
	<a href="#">ATSDR Chemical Specific Information</a>
	<a href="#">NIOSH Pocket Guide to Chemical Hazards</a>
	<a href="#">American Conference of Industrial Hygienists Threshold Limit Values and Biological Exposure Indices</a>
	<a href="#">Wiley Guide to Chemical Incompatibilities</a>
	Chemical Properties Handbook, Thermodynamics-Environmental Transport, Safety and Health Related Properties for Organic and Inorganic Chemicals
	<a href="#">The Merck Index</a>
First Responder References	<a href="#">EPA OSC Blue Book – A collection of field related resources</a>
	<a href="#">Hazardous Materials Guide for First Responders</a>
	<a href="#">CSX Corporation Transportation Emergency Response to Railroad Incidents</a>
	<a href="#">DOT Emergency Response Guide (ERG)</a>
	<a href="#">DOT ERG Mobile app</a>
	<a href="#">ATSDR - HazMat Emergency Preparedness Training and Tools for Responders</a>
Military References	<a href="#">US Amry Medical Research Institute of Chemical Defence (USAMRICD) Medical Management of Chemical Casualties Handbook</a>
	USAMRICD's Medical Management of Biological Casualties
	Textbook of Military Medicine
	Defense against Toxin Weapons Manual
	Jane's Chem-Bio Handbook (not available online, must be purchased or borrowed.)

302 **7510 – Reports**

- 303
- 304
- 305
- 306
- *Alaska Statewide Oil and Hazardous Substance Inventory for Tier Two*, Reporting Year 2011. Prepared for the EPA, Region 10, by Ecology and Environment, Inc. 2012
  - [Statewide Hazardous Materials Commodity Flow Study](#), Nuka Research and Planning Group, 2010.

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## 8000 – SALVAGE AND MARINE FIRE FIGHTING

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### REFERENCES AND TOOLS:

#### SEAK Area Page:

- USCG [Sector Juneau's Salvage and Marine Fire Fighting Plan](#)

#### **Operations:**

- [Job Aid: Marine Fire Fighting, Salvage and Lightering](#)
- [Emergency Towing System](#) (ETS)

- 1 Refer to the USCG Sector Juneau's Salvage and Marine Fire Fighting Plan for Southeast Alaska specific
- 2 information.

## 9000 – APPENDICES

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### REFERENCES AND TOOLS:

#### **Contact Information:**

- [ACP Contact Directory](#)
- [Alaska DCRA, Community Database Online](#)

#### **Hazardous Substances:**

- [Hazardous Materials Response Special Teams Capabilities and Contact Handbook](#)

### 1 **9100 – EMERGENCY NOTIFICATION**

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#### 2 ***9110 – Initial Awareness, Assessment, and Notification Sequence***

- 3 In the case of a *reportable* oil discharge or hazardous substance release (as defined in State and federal
- 4 regulations), or eminent threat thereof, the RP/PRP or initial responder to the incident will immediately
- 5 notify the agencies listed in Table 9-1. Once these initial notifications have been made, the FOSC, SOSC
- 6 and LOSC will be responsible for the notification of appropriate federal, State, tribal and local agencies,
- 7 and organizations, respectively.

8 Table 9-1: Initial Emergency Contact Checklist

**The area code for all phone and fax numbers is <b>907</b> , unless otherwise indicated**	
<b>FEDERAL</b>	
<b>NRC (24 hour)</b>	1-800-424-8802
FOSC for Coastal Zone – USCG – Sector Juneau	463-2980
EPA Region 10 (24 hour)	206-553-1263
<b>STATE</b>	
SOSC – ADEC, SEAK Response Team (business hours)	465-5340
<b>After Hours Spill Number</b>	1-800-478-9300

9 **9200 – PERSONNEL AND SERVICES DIRECTORY**

**REFERENCES AND TOOLS:**

**Overview Documents:**

- [Communities by Area Committee](#)

**Contact Information:**

- [ACP Contact Directory](#)

**Hazardous Substances:**

- [Hazardous Materials Response Special Teams Capabilities and Contact Handbook](#)

**Additional Information:**

- [Contact Information for Alaska State Trooper Posts](#)

*As necessary, the Alaska State Troopers will initiate a request for Civil Air Patrol assistance through the RCC. The RCC will activate the Civil Air Patrol in the appropriate region, assign a mission number, and provide approval authority for the mission.*

10 The complete contacts directory, including State, federal, local, and tribal contacts, stakeholders and  
 11 other service providers is available in the ACP Contact Directory. The Communities by Area Committee  
 12 spreadsheet lists communities and their respective Area Committees, Geographic Zones, and local  
 13 governments.

14 EPA maintains an internal call-out list, updated monthly, for the OSCs, on Emergency Response Unit  
 15 staff, and contractors. Refer to the EPA Special Teams for a description of the teams that may provide  
 16 additional expertise during a response.

17 Technical support and/or the special teams that may provide technical support are identified in several  
 18 different ways. The NCP lists several special teams available to the FOSC. The USCG published the  
 19 Hazardous Materials Response Special Teams Capabilities and Contact Handbook in 2005, which  
 20 includes many specialized teams also available to the UC.

21 **9210 – Stakeholders**

22 **9210.1 – Fishing Cooperatives and Fleets**

**REFERENCES AND TOOLS:**

**Contact Information:**

- [ACP Contact Directory](#)

**Additional Information:**

- [Pacific States Marine Fisheries Commission](#)
- [National Fisherman Magazine, Fishermen's Organizations](#)

23 Table 9-2 lists fishing fleets/organizations and was extracted from the National Fisherman's Directory of  
24 Fishermen's Organizations and Pacific States Marine Fisheries Commission websites, available here:

Table 9-2: Fishing Cooperatives and Fleets

**The area code for all phone and fax numbers is <b>907</b> , unless otherwise indicated**		
ORGANIZATION	PHONE	FAX/EMAIL
Alaska Commercial Fishermen's Memorial in Juneau	463-5566	<a href="mailto:whyrock@gci.net">whyrock@gci.net</a>
Alaska Fisheries Development Foundation	276-7315	276-7311
		<a href="mailto:jbrowning@afdf.org">jbrowning@afdf.org</a>
Alaska Independent Fishermen's Marketing Association	(206) 542-3930	<a href="mailto:Aifma1@seanet.com">Aifma1@seanet.com</a>
Alaska Independent Tendermen's Association	518-1724	<a href="mailto:admin@alaskatenders.org">admin@alaskatenders.org</a>
Alaska Charter Association		<a href="mailto:info@alaskacharter.org">info@alaskacharter.org</a>
Alaska Draggers Association	486-3910	486-6292
Alaska Groundfish Data Bank	486-3033	386-3461
Alaska Longline Fishermens Association	747-3400	747-3462
		<a href="mailto:alfa.staff@gmail.com">alfa.staff@gmail.com</a>
Alaska Marine Conservation Council	277-5357	277-5975
		<a href="mailto:halibut@akmarine.org">halibut@akmarine.org</a>
Alaska Marine Safety Education Association	747-3287	747-3259
		<a href="mailto:admin@amsea.org">admin@amsea.org</a>
Alaska Marketing Association	(206) 784-8948	(206) 784-9813
Alaska Shellfish Growers Association		<a href="mailto:info@alaskashellfish.org">info@alaskashellfish.org</a>
Alaska Sport Fishing Association	440-6093	<a href="mailto:info@alaskasfa.org">info@alaskasfa.org</a>
	250-5232	



Table 9-2: Fishing Cooperatives and Fleets

**The area code for all phone and fax numbers is 907, unless otherwise indicated**		
ORGANIZATION	PHONE	FAX/EMAIL
Alaska Trollers Association	586-9400	586-4473
		<a href="mailto:ata@gci.net">ata@gci.net</a>
Alaska Whitefish Trawler Association	486-3910	486-6292
		<a href="mailto:alaska@ptialaska.net">alaska@ptialaska.net</a>
<a href="#">American Fisheries Society, Alaska Chapter</a>		
At-sea Processors Association	523-0970	523-0798
		<a href="mailto:smadsen@atsea.org">smadsen@atsea.org</a>
Coastal Villages	(907) 278-5151	
Concerned Area M Fishermen	235-2631	<a href="mailto:browburk@horizonsatellite.com">browburk@horizonsatellite.com</a>
Deep Sea Fishermen's Union of the Pacific	(206) 783-2922	(206) 783-5811
		<a href="mailto:dsfu@dsfu.org">dsfu@dsfu.org</a>
Fishing Vessel Owner's Association	(206) 284-4720	(206) 283-3341
Freezer-Longline Coalition	(206) 284-2522	(206) 284-2902
		<a href="mailto:flc1@freezerlongline.biz">flc1@freezerlongline.biz</a>
Groundfish Forum	(206) 213-5270	(206) 213-5272
		<a href="mailto:loriswanson@seanet.com">loriswanson@seanet.com</a>
Halibut Association of North America	(360) 592-3116	
Maritime Event Center	(206) 441-6666	(206) 441-6665
		<a href="mailto:info@bellharbor.com">info@bellharbor.com</a>
Northern Southeast Regional Aquaculture Association	747-6850	747-1470
		<a href="mailto:llona_mayo@nsraa.org">llona_mayo@nsraa.org</a>
North Pacific Fisheries Association	235-6359	<a href="mailto:npfahomer@gmail.com">npfahomer@gmail.com</a>
North Pacific Fishing Vessel Owners' Association	(206) 285-3383	(206) 286-9332
		<a href="mailto:info@npfvoa.org">info@npfvoa.org</a>
North Pacific Gillnet Alliance	(206) 285-1111	(206) 284-1110
Northern District Setnetters Association	276-8222	<a href="mailto:srba@alaska.net">srba@alaska.net</a>
Northwest Fisheries Association	(206) 789-6197	(206) 789-8147

Table 9-2: Fishing Cooperatives and Fleets

**The area code for all phone and fax numbers is 907, unless otherwise indicated**		
ORGANIZATION	PHONE	FAX/EMAIL
		<a href="mailto:info@northwestfisheries.org">info@northwestfisheries.org</a>
Northwest Indian Fisheries Commission	(360) 438-1180	(360) 753-8659
		<a href="mailto:contact@nwifc.org">contact@nwifc.org</a>
Northwest Setnetters	486-6834	486-8803
Pacific Coast Federation of Fishermen's Associations	(415) 561-5080	(415) 561-5464
		<a href="mailto:zgrader@ifrfish.org">zgrader@ifrfish.org</a>
Pacific Seafood Processors Association	(206) 281-1667	(206) 283-2387
		<a href="mailto:info@pspafish.net">info@pspafish.net</a>
Pacific Whiting Conservation Cooperative	(206) 285-5139	
Petersburg Vessel Owners Association	772-9323	772-9323
		<a href="mailto:pvoa@gci.net">pvoa@gci.net</a>
Purse Seiner Vessel Owners Association	(888) 284-7733	(206) 283-7795
		<a href="mailto:info@psvoa.com">info@psvoa.com</a>
Seafood Producers Cooperative	(360) 733-0120	(360) 733-0513
		<a href="mailto:spc@spcsales.com">spc@spcsales.com</a>
Southeast Alaska Fishermen's Alliance	586-6652	523-1168
		<a href="mailto:seafa@gci.net">seafa@gci.net</a>
Southeast Alaska Seiners Association	463-5030	463-5083
Southern Southeast Regional Aquaculture Association	225-9605	225-1348
		<a href="mailto:admin@ssraa.org">admin@ssraa.org</a>
South End Setnetters	486-8229	
United Catcher Boats	(206) 282-2599	(206) 282-2414
		<a href="mailto:bpaine@ucba.org">bpaine@ucba.org</a>
United Fishermen of Alaska	586-2820	463-2545
		<a href="mailto:ufa@ufa-fish.org">ufa@ufa-fish.org</a>
United Fishermen's Marketing Association	486-3453	486-8362
United Seiner's Association	486-4686	486-7655

Table 9-2: Fishing Cooperatives and Fleets

**The area code for all phone and fax numbers is <b>907</b> , unless otherwise indicated**		
ORGANIZATION	PHONE	FAX/EMAIL
United Southeast Alaska Gillnetters	586-6550	<a href="mailto:usag@alaska.gov">usag@alaska.gov</a>
Western Fishboat Owners Association	(530) 229-1097	(530) 229-0973
		<a href="mailto:wfoa@charter.net">wfoa@charter.net</a>
Women's Fisheries Network	486-3638	
Women's Maritime Association	(206) 441-5678	<a href="mailto:info@womensmaritimeassoc.com">info@womensmaritimeassoc.com</a>

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## 26 9210.2 – Volunteer Organizations

**REFERENCES AND TOOLS:****Contact Information:**

- [ACP Contact Directory](#)

**Logistics:**

- [Job Aid: Volunteers](#)

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Table 9-3: Volunteer Organizations

**The area code for all phone and fax numbers is <b>907</b> , unless otherwise indicated**		
AGENCY	POINT OF CONTACT	TELEPHONE NUMBER
American Red Cross	<a href="https://www.redcross.org/local/alaska.html">https://www.redcross.org/local/alaska.html</a>	(877)-272-7337
<i>Anchorage – Disaster Services, State Coordinating Chapter (Volunteers)</i>	SERC Coordinator, Kevin Reeve <a href="https://ready.alaska.gov/SERC">https://ready.alaska.gov/SERC</a>	428-7019 (WK)
Alaska Raptor Center (Sitka)	<a href="https://alaskaraptor.org/">https://alaskaraptor.org/</a>	747-8662
Bird Treatment & Learning Center	Guy Runco	562-4852 562-1852
Civil Air Patrol	Search and Rescue Emergency Services: <a href="http://www.akwg.cap.gov/staff-offices/emergency-services">http://www.akwg.cap.gov/staff-offices/emergency-services</a> General: <a href="mailto:hq@akwg.cap.gov">hq@akwg.cap.gov</a> Natl: <a href="https://www.gocivilairpatrol.com/">https://www.gocivilairpatrol.com/</a>	1-800-478-5001
<i>*Rescue Coordination Center (RCC)</i>	National Guard Armory Camp Denali	428-7230
<i>Juneau</i>	CAP	789-0245

Table 9-3: Volunteer Organizations

**The area code for all phone and fax numbers is <b>907</b> , unless otherwise indicated**		
AGENCY	POINT OF CONTACT	TELEPHONE NUMBER
USCG Auxiliary	17th District (USCG)	463-2000
Juneau Raptor Center	Email: <a href="mailto:info@juneauraptorcenter.org">info@juneauraptorcenter.org</a> Message phone: (907) 586-8393	Emergency Pager (907) 790-5424

\*Normal Process: The Alaska State Troopers will initiate a request for Civil Air Patrol assistance through the RCC. The RCC will activate the Civil Air Patrol in the appropriate region, assign a mission number, and provide approval authority for the mission.

### 9210.3 – Maritime Associations/Organizations/Cooperatives

There is one marine pilot associations in Southeast Alaska (see Table 9-4). Additional information is available from the [State of Alaska Board of Marine Pilots website](#).

Table 9-3: Marine Pilot Associations

**The area code for all phone and fax numbers is <b>907</b> , unless otherwise indicated**			
NAME	CONTACT INFORMATION	PHONE	EMAIL/WEBSITE
Southeast Alaska Pilots' Association	1621 Tongass Avenue, Suite 300 Ketchikan, AK 99901-6074	225-9696	<a href="mailto:pilots@seapa.com">pilots@seapa.com</a> <a href="http://www.seapa.com">www.seapa.com</a>

## 9300 – INCIDENT ACTION PLAN COMPONENTS

### REFERENCES AND TOOLS:

#### National and Statewide Policy:

- [AIMS Guide](#)
- [USCG IMH](#)

#### ICS Resources:

- [USCG ICS Position Job Aids](#)
- [USCG Operational Planning P's](#)

Table 9-5: Common IAP Components

IAP Common Components and Primary Responsibility	
1.	Incident Objectives (ICS 202-CG) Planning Section Chief (PSC)
2.	Organization Assignment List (ICS 203-CG) <ul style="list-style-type: none"> <li>• Incident Organization Chart (ICS 207-CG) Resource Unit Leader (RESL)</li> <li>• Assignment List (ICS 204-CG) RESL</li> </ul>
3.	Incident Radio Communications Plan(ICS 205-CG) Communication Unit Leader (COML)
4.	Medical Plan (ICS 206-CG) Medical Unit Leader (MEDL)
5.	Incident Map and Chart Situation Unit Leader (SITL)

6. Weather, tide forecast SITL Command Direction (ICS 202a-CG) PSC
7. Critical Information Requirements(ICS 202b-CG) PSC
8. Site Safety and Health Plan (ICS 208-CG) Safety Officer (SOFR)
9. Air Operations Summary (ICS 220-CG) Air Operations Branch Director (AOBD)
10. Demobilization Plan Demobilization Unit Leader (DMOB)
11. Transportation Plan Ground Support Unit Leader (GSUL)
12. Decontamination Plan Technical Specialist (THSP)
13. Waste Management or Disposal Plan THSP
14. Information Management Plan SITL
15. Traffic Plan GSUL
16. Volunteer Management Plan, Volunteer Coordinator
17. Other Plans and/or documents, as required

Guidance for development of an IAP is available on the [EPA Response website](#).

## **9400 – AREA PLANNING DOCUMENTATION**

### ***9410 – Discharge and Release History***

#### **Additional Information:**

- [ADEC Spill Database](#)
- [ADEC Spill Summaries](#)

For discharge and release historic information check the ADEC Prevention, Preparedness and Response Spill Database or the Spill Summaries.

#### **9410.1 Risk Assessment/Planning Assumption Documents**

- [Joint Contingency Plan for the Dixon Entrance \(CANUSDIX Plan\)](#)
- Southeast Alaska Vessel Risk Assessment
- BC Vessel Traffic Study, when complete
- NOAA's Assessment of Marine Oil Spill Risk and Environmental Vulnerability for the State of Alaska - Analyzing Risk to Improve Oil Spill Planning and Response
- State 2010 Hazmat Commodity Flow Study

### ***9420 – Fate of Spilled Oil***

#### **Additional Resources:**

- [NOAA Office of Response and Restoration Oil Spills](#)

Natural processes that may act to reduce the severity of an oil discharge or accelerate the decomposition of discharged oil are always at work in the aquatic environment.

- **Weathering** is a combination of chemical and physical processes that change the physical properties and composition of discharged oil. These processes include evaporation, oxidation, biodegradation, emulsification, dispersion, dissolution, and sedimentation. Processes and definitions of the processes, and how they relate to oil discharges are provided below.
- **Evaporation** occurs when substances are converted from liquid state to vapor. During an oil discharge, lighter components can evaporate into the atmosphere, leaving behind heavier components. Evaporation rates depend on the composition of the oil and environmental factors like wind, waves, temperature, currents, etc. For example, lighter refined products, such as gasoline, tend to evaporate very quickly because they have a higher proportion of lighter compounds. Heavier oils, like bunker oil, contain relatively few light compounds and leave viscous residues, composed of heavier compounds.
- **Oxidation** is a chemical reaction between two substances, which results in loss of electrons from one of the substances. This chemical reaction can take place between discharged oil and oxygen in the air or water. This reaction can produce water soluble compounds that can dissolve or form persistent compounds call tars. Oxidation of oil is a very slow process but can be enhanced by sunlight.
- **Biodegradation** occurs when microorganisms, such as bacteria, fungi, and yeast, break down a substance by feeding on it. SEAK contains a range of microorganisms that can either partially or completely degrade oil. Nutrient levels, water temperature and oxygen availability can all affect biodegradation, which tends to be quicker in warmer environments.
- **Emulsification** is a process where small droplets of one liquid become suspended in another liquid. During a discharge, emulsification takes place when strong currents or waves suspend water droplets in oil. Water-in-oil emulsions are frequently called "mousse" and are more persistent than the original oil.
- **Dispersion** is the breakup and diffusion of substances from their original source. In an oil discharge, turbulent seas can break oil into various sized droplets and mix them into the water column. Smaller droplets can stay suspended while larger droplets tend to resurface, creating a secondary slick. The amount of oil dispersed depends on the oil's chemical and physical properties and the sea state. For example, lower viscosity oils such as diesel, have higher dispersion rates in rough seas. Chemical dispersants may be used to enhance dispersion.
- **Dissolution** is the process of dissolving one substance in another. Many oils contain light aromatic hydrocarbons, like benzene and toluene, which are water soluble. During a discharge, these compounds readily dissolve in water or evaporation into air, which is faster than dissolution.
- **Sedimentation** is a process where discharged oil chemically binds with, or adheres to, particulates in the water column, creating a density greater than the original oil. If the density of oil/particulate compounds becomes greater than water, particles will settle out of the water column. Sedimentation is much more common in shallow, nearshore areas because of the greater amount of suspended particulates.

The various types of petroleum products respond quite differently when released into the environment. Discharges of refined product that enter the water generally will disperse and experience significant evaporation and spreading, making recovery difficult. Crude oil, bunker fuel and intermediate fuel oil (IFO) will be affected by the same natural degradation factors but to a much lesser degree; these oil discharges are "persistent" in nature and will require aggressive actions and innovative techniques to successfully mitigate harm.

**REFERENCES AND TOOLS:****Planning, Job Aids, Background Information:**

- [Alaska Scenarios Compendium](#)

Four planning scenarios have been developed for SEAK: Worst Case Discharge, Maximum Most Probable, Average Most Probable, and Hazardous Substance Maximum Most Probable. They are included below.

**9430.1 Worst Case Discharge Scenario**

**Situation:** At 0500 on April 1, during 50 knot wind gusts, the tethering lines between the tugboat “*Bert*” and the fully loaded tank barge (T/B) *SZN-101* parted. The Tug *Bert* maneuvered to deploy the emergency towing cable, but because of nighttime darkness and strong winds, was unsuccessful. The outbound Alaska Marine Highway System (AMHS) passenger ferry M/V *Lituya*, enroute to Metlakatla, collided with the inbound tank barge at the vicinity of Kelp Rock Light 1 (LLNR 22045), approximately 3.5nm NW of Metlakatla. The M/V *Lituya* hit the barge broadside, causing the cargo holds to be breached. The current pushed the T/B *SZN-101* into the rocks at Gull Island, where heavy wave action caused the T/B *SZN-101* to split into two and lose its full cargo over the next hour. The winds and waves decreased to a steady 20 knots and 2 feet by 0700. The M/V *Lituya* was superficially damaged and transited back to the AMHS dock in Ketchikan. No persons were injured. The owners made arrangements with the Southeast Alaska Petroleum Resource Organization (SEAPRO), O’Brien’s response management company, and Alaska Commercial Divers to mount the response effort. Local fish streams and salmon hatchery areas are pre-boomed to prevent damage and minimize economic disruption. Shoreline Cleanup Assessment Teams discovered multiple cases of oiled wildlife. News channels requested interviews and updates on the large wildlife impact in the area and have arranged interviews with Metlakatla authorities. The Cruise Line Agency of Alaska asked to be kept informed. Volunteers requested to be involved.

Vessel Particulars: 300-foot tank barge; homeport Seattle.

Fuel Capacity: 500,000 gals (aviation fuel, kerosene (#2 diesel), and unleaded gasoline)

Status: 100% loaded

On-scene Weather: rain; winds, 50 knots, gusts to 65knots decreasing to 15 knots by 0700.

Location: from Kelp Rock Light 1 to Gull Island, 2 to 3.5 miles northwest of Metlakatla.

Date: April 1

Event Time: 0500

**Size of Discharge:** 500,000 gallons of aviation fuel, kerosene (#2 diesel), and unleaded gasoline

**Cargo Salvage:** The T/B *SZN-101* considered a total loss. The Tug *Bert* and the M/V *Lituya* suffered superficial damage. The USCG will oversee the marine salvage operations and the investigation.

**Sensitive Areas at Risk:** Specific information on resources at risk can be extracted from the Sensitive Areas Section in consultation with the natural and cultural resource agencies. From a general viewpoint, resources in the immediate area of the spill that are at risk include sea lions, otters, waterfowl concentrations, and seabird colonies. Metlakatla is approximately two nautical miles southeast of the incident. Any significant spill in this area would severely affect local and regional users of this location,

such as subsistence areas. The shoreline geomorphology in the immediate vicinity of the spill is exposed rocky shores. Sand and gravel beaches, exposed wave-cut platforms, and sheltered tidal flats can be expected to be impacted from this spill due to their proximity to the spill event. The affects of a spill of this volume would be far reaching. An extensive, coordinated effort between natural and cultural resource agencies would be necessary to develop a comprehensive approach to environmental impact abatement. The *Sensitive Areas Section* provides a framework for accomplishing this task.



## **Response**

**1. Notification** (Assume the responsible party has notified the required agencies in accordance with the vessel response plan, which should include notification of the US Coast Guard, required by federal law, and the State of Alaska, which requires the spiller to notify the Alaska Dept. of Environmental Conservation) Upon initial notification, the FOSC and/or the SOSC will, in turn, notify the following:

ADF&G, Alaska Dept. of Fish and Game  
ADNR, Alaska Dept. of Natural Resources  
ADMVA, Alaska Dept. of Military & Veteran Affairs  
NRC, National Response Center  
NOAA SSC, Scientific Support Coordinator  
NSFCC, National Strike Force Coordinating Center  
NPFC, National Pollution Fund Center  
USDIOI, US Dept. of the Interior  
Local Emergency Managers and tribal leaders of any impacted/threatened communities  
City of Metlakatla  
CGD17 OPCEN, to activate support resources, including the following:

District (dr), District Office  
DRG, District Response Group  
DRAT, District Response Advisory Team  
PIAT, Public Information Assist Team  
RRT, Regional Response Team

## **2. Initial On-Scene Investigation, Inspection, Evaluation & Recommendations**

- Dispatch representatives to the scene at the first opportunity.
- Gather information from over-flights, crew reports, video recordings and any other reliable source to document the situation and develop initial response strategy.
- Have investigation team immediately conduct drug testing of the vessel's crew and interviews to determine the cause of the incident.
- Ensure that the Responsible Party (RP) is notified and responding appropriately.
- Establish direct communications between the FOSC, the SOSC, and the Responsible Party (RP) representatives.
- Determine cargo and fuel amounts. Contact last port if immediate cargo amounts are unknown.
- Collect charts and log books for evidence.
- Determine cargo salvage options and lightering potential.
- Issue Notice of Federal Interest and Letter of State Interest, as appropriate.
- Evaluate/determine slick size and direction of travel; on-scene weather; area of coverage and shore impacts; imminent threats to wildlife and sensitive habitats, and other relevant information that might affect response decisions.

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- Request USCG cutter support to provide initial on-scene platform and/or other available vessel platforms.
  - Establish direct communication between on-scene responders and the Unified Command Post.

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### 3. Initial Response Actions

- Secure the source, if possible.
- Commence notifications of all pertinent parties per the Response Section of this plan, providing initial situation assessment: incident location, quantity spilled, threat to wildlife and sensitive habitats, status of source control, etc.
- Establish a Unified Command in the Juneau Federal Building and forward operating bases and staging areas in Ketchikan.
- Establish an Incident Management Team under the Unified Command.
- Develop containment/booming plan for implementation as weather permits.
- Complete notifications and include other resources as required. Ensure up-channel notification to include the RRT, DRG, DRAT, PIAT, MLCPAC contracting team, NPFC, and NSFCC.
- Consult with affected natural and cultural resource agencies on resources at risk, subsistence land use, and proposed response actions that may affect those resources.
- Establish Joint Information Center in Ketchikan or Juneau, as determined by the Unified Command.
- Activate a Unified Command website for the incident.
- Prepare a Unified Command initial press release.
- Prioritize response activities according to the joint goals and objectives developed by the Unified Command.
- Issue Notice to Mariners restricting vessel traffic in the immediate vicinity of the incident.
- Issue Notice to Airmen, through the FAA, restricting aircraft traffic in the immediate vicinity of the incident.
- Ensure preparation of a Site Safety Plan.
- Determine if any fisheries or subsistence use areas will be affected and take appropriate action, including closure notices and public warnings.
- Prioritize areas for exclusion booming, protective booming, and shoreline cleanup. Review the *Geographic Response Strategies Section* of this plan to identify locations for the area.
- Review seafood processor protection plans and implement specific plans to protect the water intakes from any spilled oil.
- Activate an FOSC's Historic Properties Specialist.
- USCG drafts first POLREP. ADEC drafts and releases initial SITREP.
- Keep the Metlakatla community and local and tribal stakeholders informed.
- Convene a Regional Stakeholder Committee to provide input to the Unified Command.
- Schedule routine over-flights of the spill response area. Request USCG support in developing an aviation operations plan to control air traffic in the area.
- In consultation with natural resource agencies, determine requirements for wildlife protection, hazing, collection, and rehabilitation.
- Evaluate the RP's capability to carry out an appropriate response.
- Use local knowledge, NOAA SSC, and other NOAA resources, as necessary, to predict spill trajectory and potential impacts.

- Determine feasibility of removal actions based upon the following questions:
  - Will removal actions cause more damage to the environment than allowing the pollutant to naturally dissipate, disperse, or degrade?
  - Can cleanup be initiated before the pollutant disperses, making recovery impractical?
  - Can equipment be deployed and response activities undertaken without excessive risk to the life and health of response personnel?

#### 4. Spill Response Organization

- Establish Unified Command structure as prescribed in the USCG IMH and AIMS Guide. They describe the Unified Command concept and provides organizational diagrams for several different situations.
- A spill of this magnitude could be declared a Spill of National Significance (SONS). The pre-designated FOSC for the region becomes the Area Operations Coordinator; the SONS incident continues as a Unified Command response. The escalation of an incident to a SONS is intended to make available more resources and personnel for response.
- A Liaison Officer will be assigned to act as a liaison with any landowners, leaseholders or affected interest groups that have no jurisdictional authority, and other interested parties.

#### 5. Containment Countermeasures and Cleanup Strategies

- Secure the source, if possible.
- Boom the tank barge at the earliest opportunity, pending favorable weather.
- Organize Shoreline Cleanup Assessment Teams in preparation for shoreline surveys.
- Ensure the wildlife protection plan is in place and natural and cultural resource agencies are working closely with the RP to ensure minimum impact to resources in area.
- Ensure that natural resource agencies with responsibility for determining the requirement for implementation of a Federal/State Natural Resource Damage Assessment (NRDA) are notified that wildlife and/or sensitive habitats may be affected. The lead trustee will then coordinate the NRDA separate from the response and with funds provided by the RP or the National Pollution Fund Center.
- Request NOAA Scientific Support Coordinator to provide spill tracking and trajectory modeling to determine present location and path of spill.
- Request National Weather Service to provide spot forecasting weather information.

#### 6. Resource Requirements

- Quick deployment of high volume oil recovery vessels and other mechanical collection equipment may be needed to mitigate spill damage. This spill may require all area response equipment as well as out-of-region response equipment in a joint coordinated cleanup effort. (See the *Resources Section*.) Because of the high evaporative rate of the cargo, it is recognized that equipment from outside the area may not arrive in a timely manner to have a significant effect on the cleanup.
- Skimming systems may be requested from the major spill cooperatives in Alaska and deployed to the spill area. The equipment and vessels should arrive on scene with all equipment prepared for immediate deployment. The major spill cooperatives in the state are listed in the *Resources Section*, as well. These companies have a variety of bladders and smaller barges for near-shore

deployment, as well as offshore storage barges and portable tanks for shore-side temporary storage.

- Initial personnel activation will require several hours to days to fully staff required positions, depending on specialty assignments and travel logistics.
- Volunteers will be managed per the Volunteer Job Aid and Part Five of the *Resources Section* of this plan.

## **7. Resource Availability and Resource Procurement**

- For the purposes of this scenario, it is assumed that agreements would be reached between all involved parties (USCG, State of Alaska, the RP, and SEAPRO) that would allow the resources of the spill cooperatives to be brought into the response. This assumption does not imply that such agreements are currently in place or that such agreements would be reached.
- Procuring the resources identified for this spill response is the RP's responsibility. A spill of this magnitude may exceed \$1 million during the initial stages of the response. Experience acquired during past spills has shown that funds must be processed at a much higher than normal rate to maintain the response. The Oil Spill Liability Trust Fund is available to the FOSC in the event the RP is unable or unwilling to pay the costs of the spill response, and the ADEC State On-Scene Coordinator can activate the Oil and Hazardous Substance Release Prevention and Response Fund (the Response Fund) to offset response costs incurred by State agencies. The State and the federal government will initiate cost recovery from the Responsible Party.

## **8. Disposal Options**

- Debris disposal is the responsibility of the RP. The volume of oil-contaminated debris will exceed the disposal capabilities of the region, unless on-site disposal methods are approved by the appropriate agencies. The RP must present a waste management plan to appropriate agencies along with necessary permits. Disposal options for oil-contaminated debris are limited in Alaska.
- Information on waste streams and typical waste products that will be generated during a response is contained in this ACP in the *Response Section*, Part Two and in the Waste Management and Disposal Job Aid.
- Under the conditions outlined in this scenario, a very large volume of recovered product and oil-contaminated equipment and debris will be generated. The remoteness of the region will complicate disposal and elevate the costs of handling and transportation. The limited availability of shipping and storage facilities makes it difficult to comply with the time frames contained in hazardous waste handling regulations. The task of managing waste disposal must be approached aggressively and very early in the response effort. Facility/vessel owners must investigate and identify potential staging areas for contaminated debris and equipment, as well as the potential for long-term storage capabilities due to severe weather preventing timely transportation and disposal of accumulated waste.
- Areas designated for cleaning contaminated equipment must be able to handle the contaminated runoff.

## **9. Cleanup Termination**

Termination of cleanup should be a joint decision by the Unified Command based upon one or more of the following criteria:

- There is no longer any detectable oil present on the water, on adjoining shorelines, or in places where it is likely to reach the water again; or

- Further removal operations would cause more environmental harm than the oil to be removed; or
- Cleanup measures would be excessively costly in view of their potential contribution to minimizing a threat to the public health or welfare or the environment; and
- All efforts required to repair any damage resulting from removal actions have been completed.

**Spill Cleanup Timetable:** Estimates indicate that the RP could have response personnel and equipment on-scene within four hours of the incident report, pending favorable weather. The response to this spill will depend heavily upon the sea state and weather conditions in the incident area, a major factor for operations due to personnel safety and equipment capabilities.. The on-water spill response will continue until all recoverable oil is collected. Shoreline cleanup will begin as soon as possible after beaches are oiled and continue until the Unified Command determines that shoreline operations should cease. A major factor determining the timeline of a diesel oil spill response is the generally rapid evaporation and degradation of the material; but the high toxicities associated with diesel may manifest in high wildlife rehabilitation needs, which could take months to resolve.

**Shortfalls:** Weather, tides, and constrictions inherent in nighttime operations can complicate the response for this scenario. Other factors for consideration are the remote location and the lack of supporting infrastructure in the immediate area, as well as the following items:

- **Equipment:** A major shortfall in equipment could be expected if the response cooperatives, the State, and the USCG can't develop agreements that will allow all response resources of these groups to be brought to bear. The issues include, but are not limited to, liability, financial arrangements, release from regulatory requirements, and rules for operating facilities with less than the required response equipment. The lack of agreements in place could hinder a response effort that exceeds the capability of an individual response cooperative. No regulatory requirement exists that mandates such mutual aid agreements.
- **Wildlife Rehabilitation Facilities:** Rehabilitation facilities with an adequate number of trained, experienced workers and large enough to handle more than a few birds/animals are limited in Southeast Alaska. If a temporary facility cannot be erected and experienced staff brought in, the transportation of injured wildlife out of the area would need to be addressed. The public will often judge an oil spill response on how well the wildlife issues are handled, thus, this is an area that deserves more scrutiny.
- **Personnel (logistical/training issues):**
  - **Housing** – Local hotels and on-water vessels and barges will be required to sustain the response. It may be possible to arrange agreements with the City of Metlakatla, but it is likely that most of the staging will be out of Ketchikan. Several organizations in Alaska cater "field camp" setups, which include housing and feeding facilities; these facilities are available in flyaway form and as floating hotels. The Unified Command should consider activating the Alaska Regional Response Team to support housing issues. Alaska State Ferries could be considered as forward command posts and housing facilities for responders.
  - **Food** – Catering services for field personnel would likely be procured coincidentally with the remote housing units. Catering for response personnel not deployed to the field could be handled using local sources.
  - **Fuel** – Several fuel facilities are located in the Ketchikan area and could serve to supply the numerous vessels operating in the area.

- Transportation – Ketchikan is the only major commercial airport located in the immediate vicinity of the spill area and would serve as the primary logistics supply point. In most cases, equipment must be transported over water or sling-loaded via helicopter to the incident location. Weather conditions could hinder both air and water transportation for personnel and equipment.
- Manpower and Training – Shoreline cleanup crews will require OSHA level Hazwoper training commensurate with the tasks they will be directed to perform. Initially there will be a limited number of trained personnel in the area available to respond immediately. Volunteers will not be solicited, and individuals desiring to help will be directed to the RP's coordinator for hiring emergency response workers.
- Funding – Availability and access to proper funding should pose no problems regardless of the financial capabilities of the RP. If funding problems arise, the FOSC has access to the Oil Spill Liability Trust Fund, and procedures are in place to make these funds available. If the spill is "federalized," problems have been identified regarding the payment of accounts due. The response organizations will likely be unable financially to expend the amounts of money anticipated if reimbursement occurs on a 30-day payout; ten days, as a maximum, has been discussed as the period when receipts must be paid. Failure to pay in this time period could result in a collapse of the logistical supply line, and therefore the response. Federal contracting personnel must evaluate this requirement and determine a feasible solution.

## 9430.2 Maximum Most Probable Discharge Scenario

The Maximum Most Probable Discharge (MMPD) case chosen for the Southeast Alaska Area (SEAK) is the scenario of a single-bottomed ore carrier that goes aground or otherwise creates a pollution event through the release of persistent oil (Bunker C). Many of the response actions outlined in the worst case scenario will not differ significantly for the Maximum Most Probable Discharge Scenario. A compounding issue in this scenario is the persistent nature of Bunker C oil as compared to the diesel fuel spilled in the worst case scenario. Notifications would remain the same to keep all concerned stakeholders and resource agencies informed of the incident.

**Situation:** On November 4 at 1100, the ore ship *M/V Latarsha Oldendorff* finished loading three cargo holds of ore and was outbound with a marine pilot onboard and two tug escorts. As the vessel approached the narrow mouth of Hawk Inlet, the port-aft attending tug lost power. Sustained 35-knot winds quickly swung the stern of the vessel into shallow water where the hull struck rocks, ripping gashes in two fuel tanks containing Bunker C oil. The USCG Sector Command Center received notification via VHF-FM radio from the master. The master stated the vessel was not in danger of sinking and was not taking on water in any of the manned spaces.

Vessel Particulars: 585-ft German-flag freight ship *M/V Latarsha Oldendorff*; 20-person crew

Fuel Capacity: 204,921 gallons (bulk carrier); six fuel tanks along side of vessel, single hull (25, 000 gal per tank)

Status: Loaded

On-Scene Weather: winds, 35 knots sustained with gusts to 45 knots; temperature, 41 degrees with precipitation; seas from SE at 6 to 8 feet.

Location: entrance to Hawk Inlet, west Admiralty Island, 57°04 N 135°24 W.

Date: November 4

Event Time: 1100

**Size of the Discharge:** An estimated 50,000 gallons of Bunker C (approximately two of the tanks were compromised).

**Cargo Salvage:** The vessel owner planned to initiate temporary repair of the damaged vessel in a place of refuge and then proceed to a major shipyard for permanent repairs. Discharge of the ore cargo would need to be addressed; the vessel cannot be laden when going into dry dock for repairs. USCG Sector Juneau would review and approve in coordination with ADEC a place-of-refuge location for the vessel and salvage, temporary repair, and transit plans.

**Response:** The Hawk Inlet Facility has skiffs and 1000 feet of containment boom available; however, due to high winds, they would be hampered from mounting an initial response. The oil spill response organization, SEAPRO, would launch the *M/V Neka Bay* and an oil response barge upon notification; estimated arrival time 8 hours from downtown Juneau. Other equipment could be transiting or otherwise available in the area (consult the *Resources Section*). Response efforts should include the following:

- Make notifications to all natural and cultural resource agencies and tribal concerns per the Response Section of this plan; Shee'Atika, the Sitka Native Corporation, has land use/ownership. Provide a concise initial situation assessment and specific spill information, including exact location, quantity spilled, potential threat, status of source control, etc.



- Establish contact with the responsible party (the RP's "qualified individual"), as soon as possible, and ensure they are responding, preferably with an official on scene.
- Establish Safety Zones.
- Deploy USCG helicopter and 110-foot patrol boat resources for initial assessments. Evaluate slick size, direction, area of coverage, proximity to shore, weather, wildlife observed in area, and possible pollution impacts.
- Commence activation/movement of in-house resources (State and federal). Draft SITREP-POL (USCG) and SITREP (ADEC) and distribute. Dispatch State and federal representatives to the scene at the first opportunity and establish direct communications with the FOSC, the SOSC, and the RP Representative..
- Have NOAA provide trajectories for the spill.
- Have NWS provide spot forecasts and detailed weather information.
- Form a Unified Command, including immediate activation of a JIC.
- Review the *Geographic Response Strategies (GRS) Section* (4610 and 9720) in this plan to determine if any GRS near the incident should be employed to protect sensitive areas at risk.
- Review the Potential Places of Refuge Section (4640 and 9730) in this plan when determining an appropriate location where the vessel can seek shelter to effect repairs.
- Consult with affected natural and cultural resource agencies on resources at risk, subsistence land use, and proposed response actions that may affect those resources, including consultation on wildlife response and threatened and endangered species and their critical habitats.
- Activate an FOSC's Historic Properties Specialist.
- Manage volunteer requests per Volunteer Job Aid and Part Five of the *Resources Section* of this plan.

**Sensitive Areas at Risk:** Waterfowl and harbor seals are some of the resources present in the area during early November. Specific information on resources at risk can be found in the Sensitive Areas Section of this plan and in consultation with the natural and cultural resource agencies. The exposed shoreline consists of rocky and gravel beaches. The spill impact of 50,000 gallons of Bunker C is significant. The effects of a spill of this volume are far reaching and would affect a large area. An extensive, coordinated effort between natural and cultural resource agencies will be necessary to develop a comprehensive approach to environmental impact abatement. The *Sensitive Areas Section* provides a framework for accomplishing this task.

**Shortfalls:** Weather, tides, and constrictions inherent in nighttime operations can complicate the response for this scenario. Other factors for consideration are the remote location and the lack of supporting infrastructure in the immediate area.

#### 9430.3 Average Most Probable Discharge Scenario

The average most probable case for the Southeast Alaska Area (SEAK) likely would be a fishing vessel that either sinks, goes aground, or otherwise creates a pollution event through the release of its diesel fuel. Many of the response actions outlined in the worst case scenario would remain the same.

Representatives of the USCG and ADEC will likely coordinate cleanup efforts onsite. The need for out-of-region response equipment, the activation of a Unified Command or a Joint Information Center, and the deployment of federal and state resources are unlikely in this scenario. Notifications would remain the same to keep all concerned stakeholders and resource agencies informed of the incident.

**Situation:** After the fourth Sac Roe herring opener in Sitka Sound, the owner/operator of the 1945 wooden seiner *F/V Little Flower* fell asleep at the helm due to fatigue. At 2300 on March 22, the vessel ran aground on rocks surrounding Kasiana Island during an outgoing tide, rolling on its side, and discharging fuel from the vents. Planks began to stress and the vessel flooded; it could not be refloated. With an incoming tide, the *F/V Little Flower* became a hazard to navigation. A Good Samaritan vessel assisted *F/V Little Flower* in plugging the fuel vents and deploying the initial containment boom. A heavy sheen is observed in the area. The owner contacted a contractor to dive and mitigate the damage; the divers found a two-foot gash in the bow. After the vessel is refloated, temporary repairs were made. Uncertain whether the cargo of herring was contaminated, thus requiring disposal, ADEC personnel arrived to oversee the testing and permitting process involved in oily fish waste disposal. The RP made arrangements for the *F/V Little Flower* to complete repairs in a shipyard.

Vessel Particulars: 50-foot wooden seiner; 1945; homeport Seattle; three crew.

Fuel Capacity: 3000 gallons (diesel); small quantities of lube oil.

Status: Two-thirds loaded; 2000 gallons diesel onboard.

On-Scene Weather: winds, 20 mph; temperature, 46 degrees; steady rain.

Location: Sitka Sound

Date: March 22; Sac Roe herring fishery opener.

Event Time: 2300

Event Location: Kasiana Island; 57°04 N 135°24 W

Response: TCI Environmental from Sitka completes initial booming within 2 hours of notification. Cook Construction from Gustavus provides diving and refloating expertise.

**Sensitive Areas at Risk:** Waterfowl, herring, whales, harbor seals, otters, shellfish, and salmon are some of the resources either present in the area during late March or potentially affected through habitat loss. Specific information on resources at risk will be found in the *Sensitive Areas Section* of this plan and in consultation with the natural and cultural resource agencies. The exposed shoreline is rocky. Review of the *Geographic Response Strategies (GRS) Section* in this plan will allow determination if any GRS near the incident should be employed to protect sensitive areas at risk.

**Shortfalls:** Weather, tides, and constrictions inherent in nighttime operations can complicate the response for this scenario.

#### 9430.4 Hazardous Substance Discharge

The maximum most probable hazardous substance discharge for the Southeast Alaska Area (SEAK) would likely be a seafood processing plant that is either abandoned, sustains an accidental catastrophic release, or otherwise creates a catastrophic release of anhydrous ammonia. Many of the response actions outlined in the worst case scenario would remain the same, although the need for out-of-region response equipment, the activation of a full incident management team or a Joint Information Center, and the deployment of federal and State resources would not be at the same scale. Notifications would remain the same to keep all concerned stakeholders and resource agencies informed of the incident.

499

500 **Situation:** *(This scenario is based on an actual event from August 20, 2009, when the flume supplying*  
501 *water to the City of Pelican AK, failed due to heavy rains throughout the previous days. At the time of*  
502 *the flume collapse a construction project to upgrade Pelican's hydroelectric plant was underway. Part of*  
503 *the project included installation of a temporary waterline to provide Pelican with drinking water. This*  
504 *line is now being used to supply all water to Pelican, including both the town and the Pelican Seafood's*  
505 *fish processing plant.)*

506 A temporary water line has insufficient capacity to concurrently meet the drinking water needs of  
507 Pelican residents and cooling water requirements for the fish plant. The water line is used to fill  
508 Pelican's water tank at night, and during the day the water flow is diverted to the fish plant to cool the  
509 compressors in the refrigeration system. The refrigeration system uses anhydrous ammonia as a  
510 refrigerant; there is an estimated 20,000 to 30,000 pounds of anhydrous ammonia in the refrigeration  
511 system at the fish plant. Heavy rains could cause a failure of the flume, resulting in a disruption to the  
512 water supply that cools the fish plant's compressors, essentially shutting down the refrigeration system.  
513 Without sufficient cooling water there is an increase of pressure in the system. Most modern systems  
514 could withstand these pressures; however, the system in the fish plant is quite old. Personnel taking  
515 care of the system have previously noted minor leaks, and a continued increase in pressure would add  
516 additional stress to the system piping. The cooling coils and refrigerant lines for the system are located  
517 above the freezers. The wood structure, according to personnel on scene, is frozen. There is concern in  
518 the community that should the wood structure thaw, the roof of the fish plant could collapse and break  
519 the system piping, resulting in a catastrophic release of anhydrous ammonia.

520 Facility Description: fish processing plant

521 Status: Non-operational

522 Maximum Capacity: 30,000 lbs of anhydrous ammonia

523 On-Scene Weather: 56 degrees, winds E at 35 knots, rain

524 Location: Pelican, AK, 57 57.6N 136 13.8W

525 Date: August 20

526 **Sensitive Areas at Risk:** Includes local citizens, waterfowl concentrations during migration periods, and  
527 local wildlife in the area of the plant or a resultant plume.

## 528 **Response**

529 **1. Notification** (Assume the responsible party has notified the required agencies in accordance with  
530 the vessel response plan, which should include notification of the US Coast Guard, required by  
531 federal law, and the State of Alaska, which requires the spiller to notify the Alaska Dept. of  
532 Environmental Conservation) Inform local citizens of the situation at the facility and what actions  
533 are recommended if the tanks do release. In the event of a release, ensure immediate notification  
534 of ADEC via the Spill Report Hotline. Captain of the Port, Southeast Alaska, would also receive  
535 notification simultaneously from the National Response Center. Follow-on federal/state/local  
536 agency notifications will be made based on the Emergency Notification List in the Response Section  
537 of this plan.

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## 2. Initial Response Actions

- Determine and confirm personnel safety hazards in the immediate area and determine downwind exposure from a potential ammonia release.
- Ensure public health and safety by developing plans for evacuating populace at risk or by developing shelter in place plans.
- Identify response structure to include local responders and the Statewide Hazmat Response Team.
- Have the system inspected to check for leaks and to locate any potential weak points and to assess its overall condition.
- Hire specialist to inspect the facility to ensure that as the ice thaws the building will remain structurally sound.
- ADEC consults with the Statewide Hazmat Response Team of the situation and alerts them on the need for possible deployment.
- ADEC activates a term contract with Aware Consulting for technical advice on preventing a catastrophic release and for developing plans to deal with any ammonia release and post-incident investigation.
- Conduct controlled releases to ensure that the system does not get over-pressurized.
- Inform and coordinate with FAA to restrict airspace, if a release occurs.
- Due to the threat to public health and safety, the initial Incident Commander or a representative from the City of Pelican will serve as a member of the Unified Command until the threat is abated.
- Once a plan has been established, commence mobilization of response personnel.
- Incident Command System activated, and Unified Command formed.
- COTP directs the establishment of a Safety Zone around the facility.
- USCG drafts first POLREP. ADEC drafts and releases initial SITREP.
- Prepare initial press release.
- USCG issues Letter of Federal Interest. ADEC issues Notice of State Interest in a Pollution Incident.
- Issue Letter of Designation.
- State of Alaska alerts additional response action contractors for possible activation, as well as other members of the Statewide Hazmat Response Team for additional support, if required.
- If a Hazmat release occurs, determine whether the response is categorically excluded under the national programmatic agreement to protect historic properties, and if not, activate an FOSC Historic Properties Specialist.

### 3. Initial On-Scene Investigation/Inspection, Evaluation, and Recommendations

#### (Should a release occur).

- Develop information from facility worker reports, including release size; utilize video recording as much as possible to document scene and develop initial response strategy.
- Verify overall system capacities for anhydrous ammonia and determine potential for additional releases, in consultation with the facility manager, refrigeration specialist, and Aware Consulting technical representative.
- Collect charts and refrigeration system maintenance and resupply files for evidence.

### 4. Containment Countermeasures and Cleanup Strategies

The Unified Command will coordinate and develop an Incident Action Plan to accomplish the following:

- Plan for initial containment should a release occur,
- Develop preventive measures to reduce the risk of a catastrophic release.
- Establish the initial on-scene command post and staging area.
- Support local responders and provide updated information to federal, State, local, and tribal entities.

### 5. Resource Requirements

Due to the short nature of the release, the Statewide Hazmat Response Team will likely be stood down after determination that the ammonia release has stopped. The team will remain on standby pending any further releases that may be prolonged in nature. The Aware Consulting staff person will be mobilized, along with several DEC responders and the Coast Guard to provide additional support to the local responders.

### 6. Response Requirements

- **Equipment:** Any action to contain, plug, or prevent an additional release will require the use of appropriate personal protective equipment (PPE).
- **Personnel:** Personnel responding to this incident (local firefighters and other responders) will be required to be trained to at least the first responder awareness level. Those entering the scene to secure the leak source and initiate cleanup and containment will require training to the technician level.

### 7. Cleanup Termination

The FOSC and SOSC will determine the appropriate time to terminate operations based on the RP's ability and assurances that further releases will not occur. The investigation into the cause of the release will continue after response termination.

**Spill Cleanup Timetable:** This response would likely last no more than several days. Cleanup of the immediate area will be required and may simply consist of facility ventilation. The RP should direct a complete inventory of the ammonia refrigeration system and determine the potential for any potential releases. Meanwhile, ADEC directs the ammonia specialists, Aware Consulting, to assist with the inventory and to conduct a thorough inspection of the system to determine the cause of any release and potential for future ammonia releases.

**Shortfalls:**

- **Equipment:** The City of Pelican does not maintain a Level A entry capable Hazmat Team, and Level A Personal Protective Equipment is not available in Pelican.
- **Personnel:** Due to the location of the accident, and assuming evacuation and proper shelter in place actions have occurred, additional emergency response personnel are not deemed necessary, unless the release extends over a prolonged period of time.
- **Funding:** Funding of response and cleanup actions will be the responsibility of the Responsible Party.
- **Minimum Response Times:** Response should be initiated immediately. Based on the location of the incident, the RP and local fire chief will initially respond to the situation if a release occurs. The FOSC, SOSC, and Aware Consulting representative are expected to arrive at the scene by early afternoon.

## 9500 – LIST OF AGREEMENTS

### REFERENCES AND TOOLS:

#### **National and Statewide Policy:**

- [Alaska RCP](#) Part 4, Applicable MOU/MOA

[SEAK Area Committee Website](#), hosted by DEC

## 9600 – CONVERSIONS

Common conversions are easily found via the internet.

## 9700 – RESPONSE REFERENCES

### **9710 – Geographic Zone Descriptions**

#### **9710.1 – Southeast Alaska (SEAK)**

##### *9710.1.1 – General Description*

SEAK stretches from Icy Bay, in the north, to Dixon Entrance at the Canadian border in the south. This narrow slice of the North American mainland has an adjacent archipelago that includes eight large islands and nearly two thousand smaller ones.

The general ocean coastline extends approximately 450 nautical miles (nm) north to south. Approximately 250 nm of this extent is the Alexander Archipelago, a 30-mile-wide strip of mainland bordered by an 80-mile-wide compact chain of islands between Cape Spencer and Dixon Entrance. This area has tidal shorelines totaling 11,085 nm. The topography of steep inclines and narrow gorges seen on land extends below sea level to form a system of narrow deep-water straits that experience a tidal range of 25 feet.

#### **9720 – Geographic Response Strategies (GRS)**

### REFERENCES AND TOOLS:

#### **Geographic Response Strategies (GRS):**

- [SEAK GRS are available online on ADEC's website](#) and organized by geographic zone.

GRS provide responders with pre-identified tactics designed to protect a variety of "areas of major concern" against the potential negative effects of a discharge or release into the marine environment. Areas of major concerns typically encompass vulnerable resources that include, but are not limited to, environmentally sensitive areas, protected species, and/or sensitive cultural and historic resources. Protection of all such resources in their entirety would be optimal. However, given the vast nature of the Southeast Region, designating a sensitive area as an area of major concern may not be an option, due to insurmountable risk to responder safety, adverse environmental conditions, or other barriers to safe tactical deployment. Therefore, candidate areas must be evaluated for the presence of resources at risk, and subsequently prioritized based on the feasibility of successfully protecting a site with existing technology. Once an area is designated an "area of major concern," a GRS may then be established.

The GRS listed in this plan have been vetted by local, State, and federal agencies. The vetting process typically involves a desktop evaluation of GRS data by natural resource managers and other subject matter experts. Subsequent validation can include a visual inspection of the corresponding area, and/or

actual field testing, including equipment deployment in accordance with established GRS tactics. Field testing generally involves the FOSC, SOSC, and industry partners, and any lessons learned during testing can be used to adjust tactics to increase the likelihood of successful protection of resources at risk.

Local communities, non-governmental and tribal entities, and any other stakeholders are encouraged to provide information on additional potential areas of concern, for consideration in developing additional GRS.

Pre-identified GRS, useful as a basis to initiate response operations, are intended to be flexible for modification to prevailing conditions. The SEAK area supports Alaska tourism and fishing industries as well as communities dependent upon subsistence lifestyles. The GRS provided do not address the exhaustive number of sensitive areas and priority protection sites within the SEAK, which encompasses more than 18,377 miles of remote and extreme tidal coastline. During an incident, as in an exercise, the RP/PRP and IMT must consider all potentially sensitive areas that may be impacted for strategies to mitigate and protect valued resources and habitat.

#### **9730 – Potential Places of Refuge (PPOR)**

##### **REFERENCES AND TOOLS:**

###### **Operations, Planning:**

- [Potential Places of Refuge](#)
- [ARRT Guidelines for Places of Refuge Decision-Making](#)

#### **9740 – Environmental, Fish, and Wildlife Protection Plans**

##### **REFERENCES AND TOOLS:**

###### **Wildlife, Fish, and Their Habitats:**

- [Wildlife Protection Guideline for Oils Spills in Alaska](#)
- [Sensitive Areas Compendium for Alaska](#)

#### **9750 – Community Profiles**

##### **REFERENCES AND TOOLS:**

###### **Contact Information:**

- [Alaska DCRA Community Database Online](#)

The online Alaska DCRA Community Database provides complete and current information on specific communities within the geographic zone. It offers a quick reference to some types of available services.

#### **9760 – Technical References List**

Refer to the **Area Plan References and Tools** boxes included throughout this ACP.



## 10 – DEFINITIONS

### REFERENCES AND TOOLS:

#### National and Statewide Policy:

- [SEAK Area](#) Committee Website, hosted by DEC
- [Alaska RCP](#) Part 2, Guidance to Planners

#### Additional Resources:

- [Electronic Code of Federal Regulations](#) home
- [The Alaska State Legislature Website \(State Statute and Regulation search\)](#)

**Area Committee (AC):** as provided for by CWA sections 311(a)(18) and (j)(4), means the entity appointed by the President consisting of members from qualified personnel of federal, state, and local agencies with responsibilities that include preparing an area contingency plan for an area designated by the President (40 CFR 300.5).

**Area Contingency Plan (ACP):** as provided for by CWA sections 311(a)(19) and (j)(4), means the plan prepared by an Area Committee that is developed to be implemented in conjunction with the NCP and RCP, in part to address removal of a worst case discharge and to mitigate or prevent a substantial threat of such a discharge from a vessel, offshore facility, or onshore facility operating in or near an area designated by the President (40 CFR 300.5).

**Average Most Probable Discharge (AMPD):** means a discharge of the lesser of 50 barrels of oil or 1 percent of the cargo from the vessel during cargo oil transfer operations to or from the vessel (33 CFR 155.1020).

**Coastal Waters:** for the purposes of classifying the size of discharges, means the waters of the Coastal Zone except for the Great Lakes and specified ports and harbors on inland rivers (40 CFR 300.5).

**Coastal Zone:** as defined for the purpose of the NCP, means all United States waters subject to the tide, United States waters of the Great Lakes, specified ports and harbors on inland rivers, waters of the Contiguous Zone, other waters of the high seas subject to the NCP, and the land surface or land substrata, ground waters, and ambient air proximal to those waters. The term Coastal Zone delineates an area of federal responsibility for response action. Precise boundaries are determined by EPA/USCG agreements and identified in federal regional contingency plans (40 CFR 300.5).

**Contiguous Zone:** means the zone of the high seas, established by the United States under Article 24 of the Convention on the Territorial Sea and Contiguous Zone, which is contiguous to the territorial sea and which extends nine miles seaward from the outer limit of the territorial sea (40 CFR 300.5).

**Discharge:** as defined by section 311(a)(2) of the CWA, includes, but is not limited to, any spilling, leaking, pumping, pouring, emitting, emptying, or dumping of oil, but excludes discharges in compliance with a permit under section 402 of the CWA, discharges resulting from circumstances identified and reviewed and made a part of the public record with respect to a permit issued or modified under section 402 of the CWA, and subject to a condition in such permit, or continuous or anticipated intermittent discharges from a point source, identified in a permit or permit application under section 402 of the CWA, that are caused by events occurring within the scope of relevant operating or treatment systems. For purposes of the NCP, discharge also means substantial threat of discharge (40 CFR 300.5).

**Emergency Planning and Community Right To Know Act (EPCRA):** of 1986 was created to help communities plan for chemical emergencies. It also requires industry to report on the storage, use and releases of hazardous substances to federal, state, and local governments. EPCRA requires state and local governments, and Indian tribes to use this information to prepare for and protect their communities from potential risks (40 CFR 355).

**Emergency Operations Center (EOC):** The physical location at which the coordination of information and resources to support incident management (on-scene operations) activities normally takes place. An EOC may be a temporary facility or may be located in a more central or permanently established facility, perhaps at a higher level of organization within a jurisdiction. EOCs may be organized by major functional disciplines (e.g., fire, law enforcement, medical services), by jurisdiction (e.g., Federal, State, regional, tribal, city, county), or by some combination thereof (FEMA).

**Hazardous substance (HazSub):** Any substance designated pursuant to section 311(b)(2)(A) of the CWA; any element, compound, mixture, solution, or substance designated pursuant to section 102 of CERCLA; any hazardous waste having the characteristics identified under or listed pursuant to section 3001 of the Solid Waste Disposal Act (but not including any waste the regulation of which under the Solid Waste Disposal Act (42 U.S.C. 6901 et seq.) has been suspended by Act of Congress); any toxic pollutant listed under section 307(a) of the CWA; any hazardous air pollutant listed under section 112 of the Clean Air Act (42 U.S.C. 7521 et seq.); and any imminently hazardous chemical substance or mixture with respect to which the EPA Administrator has taken action pursuant to section 7 of the Toxic Substances Control Act (15 U.S.C. 2601 et seq.). The term does not include petroleum, including crude oil or any fraction thereof which is not otherwise specifically listed or designated as a hazardous substance in the first sentence of this paragraph, and the term does not include natural gas, natural gas liquids, liquified natural gas, or synthetic gas usable for fuel (or mixtures of natural gas and such synthetic gas).

**Hazardous Substance:** under AS 46.08.900(6) means (A) an element or compound that, when it enters into or on the surface or subsurface land or water of the State, presents an imminent and substantial danger to the public health or welfare, or to fish, animals, vegetation, or any part of the natural habitat in which fish, animals, or wildlife may be found; or (B) a substance defined as a hazardous substance under 42 U.S.C. 9601 - 9657 (CERCLA); **Hazardous substance** does not include uncontaminated crude oil or uncontaminated refined oil in an amount of 10 gallons or less. *Under State of Alaska law, oil is considered a hazardous substance (AS 46.03.826(5)).*

**Hazardous Materials (Hazmat):** as defined by AS 29.35.590 (7), a hazardous material means a material or substance, as defined in 49 C.F.R. 171.8, and any other substance determined by the Alaska SERC in regulations to pose a significant health and safety hazard; "hazardous material" does not include food, drugs, alcoholic beverages, cosmetics, tobacco, or tobacco products intended for personal consumption.

**Hazardous Waste:** under AS 46.03.900(9) means a waste or combination of wastes that because of quantity, concentration, or physical, chemical, or infectious characteristics may:

(A) cause, or significantly contribute to, an increase in mortality or an increase in serious irreversible or incapacitating reversible illness; or

(B) pose a substantial present or potential hazard to human health or the environment when improperly managed, treated, stored, transported, or disposed of.

**HAZWOPER:** Under the *Occupational Safety and Health Act of 1970*, employers are responsible for providing a safe and healthful workplace. Standards include explicit safety and health training requirements to ensure that workers have the required skills and knowledge to safely do their work. Employers shall provide employees with effective information and training on hazardous chemicals in

their work area at the time of their initial assignment, and whenever a new chemical hazard the employees have not previously been trained about is introduced into their work area (29 CFR 1910.120).

**Incident Action Plan (IAP):** a document outlining the control objectives, operational period objectives, and response strategy defined by incident command during response planning (FEMA).

**Incident Command Post (ICP):** the field location where the primary functions are performed. The Incident Command Post may be co-located with the Incident Base or other incident facilities (FEMA).

**Incident Command System (ICS):** A standardized on-scene emergency management construct specifically designed to provide an integrated organizational structure that reflects the complexity and demands of single or multiple incidents, without being hindered by jurisdictional boundaries. The Incident Command System is the combination of facilities, equipment, personnel, procedures, and communications operating within a common organizational structure, designed to aid in the management of resources during incidents. ICS is used for all kinds of emergencies and is applicable to small as well as large and complex incidents. ICS is used by various jurisdictions and functional agencies, both public and private, to organize field-level incident management operations (FEMA).

**Inland Waters:** for the purposes of classifying the size of discharges, means those waters of the United States in the Inland Zone, waters of the Great Lakes, and specified ports and harbors on inland rivers (40 CFR 300.5).

**Inland Zone:** means the environment inland of the coastal zone excluding the Great Lakes and specified ports and harbors on inland rivers. The term inland zone delineates an area of federal responsibility for response action. Precise boundaries are determined by EPA/USCG agreements and identified in federal regional contingency plans (40 CFR 300.5).

**Local Emergency Planning Committee (LEPC):** a group of local representatives and volunteer appointed by the SERC to develop and review emergency response plans in coordination with local jurisdictional authorities.

**Local Emergency Planning District (LEPD):** are the boundaries of a LEPC.

**Local Emergency Response Plan (LERP):** a plan developed for an LEPD by a LEPC. LERP's must be reviewed by the State Emergency Response Commission. For the purposes of this ACP, LERPs may include Emergency Operations Plans (EOPs), Small Community Emergency Response Plans (SCERP), or other local, community, municipal, or village emergency response plan.

**Local government:** public entities responsible for the security and welfare of a designated area as established by law. A county, municipality, city, town, township, local public authority, school district, special district, intrastate district, council of governments (regardless of whether the council of governments is incorporated as a nonprofit corporation under State law), regional or interstate government entity, or agency or instrumentality of a local government; an Indian tribe or authorized tribal entity (FEMA), or in Alaska a Native Village or Alaska Regional Native Corporation; a rural community, unincorporated town or village, or other public entity.

**Maximum Most Probable Discharge (MMPD):** means a discharge of:

(1) 2,500 barrels of oil for vessels with an oil cargo capacity equal to or greater than 25,000 barrels; or

(2) 10% of the vessel's oil cargo capacity for vessels with a capacity of less than 25,000 barrels (33 CFR 155.1020).

**Multiagency Coordination Group (MAC):** a group of administrators or executives, or their appointed representatives, who are typically authorized to commit agency resources and funds. A Multiagency Coordination (MAC) Group can provide coordinated decisionmaking and resource allocation among cooperating agencies, and may establish the priorities among incidents, harmonize agency policies, and provide strategic guidance and direction to support incident management activities. MAC Groups may also be known as policy groups, multiagency committees, emergency management committees, or as otherwise defined by the Multiagency Coordination System (FEMA).

**Multiagency Coordination System (MACS):** A system that provides the architecture to support coordination for incident prioritization, critical resource allocation, communications systems integration, and information coordination. Multiagency Coordination Systems assist agencies and organizations responding to an incident. The elements of a MACS include facilities, equipment, personnel, procedures, and communications. Two of the most commonly used elements are Emergency Operations Centers and MAC Groups (FEMA).

**Oil:** liquid hydrocarbon of any kind and in any form, whether crude, refined, or a petroleum by-product, including but not limited to petroleum, fuel oil, gasoline, lubricating oils, oily sludge, oil refuse, oil mixed with other wastes, crude oils, liquefied natural gas, propane, butane, or other liquid hydrocarbons regardless of specific gravity.

**On-Scene Coordinator (OSC):** means the federal official predesignated by EPA or the USCG to coordinate and direct responses under subpart D, or the government official designated by the lead agency to coordinate and direct removal actions under subpart E of the NCP (40 CFR 300.5). OSC may also be used to generally refer to federal, state, local official(s) serving in the role.

**Federal On-Scene Coordinator (FOSC):** the federal official predesignated by the USCG or EPA to coordinate and direct federal responses under Subpart D of the NCP, or the official designated by the lead agency to coordinate and direct removal actions under Subpart E of the NCP. Generally, the EPA will provide the FOSC for discharges or releases into or threatening the Inland Zone and the USCG shall provide the FOSC for discharges or releases into or threatening the Coastal Zone. However, if the release is from a facility or vessel under the jurisdiction, custody or control of DOD or DOE, then DOD or DOE will be the lead agency and designate the FOSC. For releases of hazardous substances, pollutants, or contaminants from a vessel or facility under the jurisdiction, custody, or control of a federal agency other than the USCG, EPA, DOD, or DOE, then that federal agency will provide the FOSC for all removal actions that are not emergencies (40 CFR 300.5).

**Local On-Scene Coordinator (LOSC):** the designated Community Emergency Coordinator under the community's ERP. Where no ERP exists, the police or fire chief or other emergency services official will typically serve as the LOSC.

**State On-Scene Coordinator (SOSC):** SOSCs are appointed by the ADEC Commissioner. In the event of a major discharge, the Commissioner may designate the SPAR Director or another individual to serve as the SOSC. An SOSC may appoint a SOSC representative (SOSCR) to act for the SOSC during a response.

**Size classes of discharges** refers to the following size classes of oil discharges which are provided as guidance to the OSC and serve as the criteria for the actions delineated in subpart D. They are not meant to imply associated degrees of hazard to public health or welfare of the United States, nor are they a measure of environmental injury. Any oil discharge that poses a substantial threat to public health or welfare of the United States or the environment or results in significant public concern shall be classified as a major discharge regardless of the following quantitative measures:

**(1) Minor discharge** means a discharge to the Inland Waters of less than 1,000 gallons of oil or a discharge to the Coastal Waters of less than 10,000 gallons of oil.

**(2) Medium discharge** means a discharge of 1,000 to 10,000 gallons of oil to the Inland Waters or a discharge of 10,000 to 100,000 gallons of oil to the Coastal Waters.

**(3) Major discharge** means a discharge of more than 10,000 gallons of oil to the Inland Waters or more than 100,000 gallons of oil to the Coastal Waters (*30 CFR 400.5*).

**Size classes of releases** refers to the following size classifications which are provided as guidance to the OSC for meeting pollution reporting requirements in subpart B. The final determination of the appropriate classification of a release will be made by the OSC based on consideration of the particular release (e.g., size, location, impact, etc.):

**(1) Minor release** means a release of a quantity of hazardous substance(s), pollutant(s), or contaminant(s) that poses minimal threat to public health or welfare of the United States or the environment.

**(2) Medium release** means a release not meeting the criteria for classification as a minor or major release.

**(3) Major release** means a release of any quantity of hazardous substance(s), pollutant(s), or contaminant(s) that poses a substantial threat to public health or welfare of the United States or the environment or results in significant public concern (*30 CFR 400.5*).

**Pollutant or Contaminant:** defined by Section 104 (a)(2) of CERCLA, shall include, but not be limited to, any elements, substances, compound, or mixture, including disease-causing agents, which, after release into the environment and upon exposure, ingestion, inhalation, or assimilation into any organism, either directly from the environment or indirectly by ingesting through the food chain, will or may reasonably be anticipated to cause death, disease, behavioral abnormalities, cancer, genetic mutation, physiological malfunctions (including malfunctions in reproduction), or physical deformation in such organisms or their offspring. The term does not include petroleum [under federal law], including crude oil and any fraction thereof which is not otherwise specifically listed or designated as a hazardous substance under Section 101(14)(A)-(F) of CERCLA, nor does it include natural gas, liquefied natural gas and synthetic gas of pipeline quality (or mixture of natural gas and synthetic gas). For purposes of the NCP, the term pollutant or contaminant means any pollutant or contaminant, which may present an imminent and substantial danger to public health or welfare (*40 CFR 300.5*).

**Prevention and Preparedness:** actions taken by agencies and companies to reduce oil and hazardous substance discharges through policies, programs, and authorities.

**Release** as defined by section 101(22) of CERCLA, means any spilling, leaking, pumping, pouring, emitting, emptying, discharging, injecting, escaping, leaching, dumping, or disposing into the environment (including the abandonment or discarding of barrels, containers, and other closed receptacles containing any hazardous substance or pollutant or contaminant), but excludes: Any release which results in exposure to persons solely within a workplace, with respect to a claim which such persons may assert against the employer of such persons; emissions from the engine exhaust of a motor vehicle, rolling stock, aircraft, vessel, or pipeline pumping station engine; release of source, byproduct, or special nuclear material from a nuclear incident, as those terms are defined in the Atomic Energy Act of 1954, if such release is subject to requirements with respect to financial protection established by the Nuclear Regulatory Commission under section 170 of such Act, or, for the purposes of section 104 of CERCLA or any other response action, any release of source, byproduct, or

204 special nuclear material from any processing site designated under section 102(a)(1) or 302(a) of  
 205 the Uranium Mill Tailings Radiation Control Act of 1978 (*42 U.S.C. 7901 et seq.*); and the normal  
 206 application of fertilizer. For purposes of the NCP, release also means threat of release.

207 **Remedial Project Manager (RPM)**: the official designated by the lead agency to coordinate, monitor, or  
 208 direct remedial or other response actions under the NCP.

209 **Responsible Party (RP)**: any person, operator, or facility that has control over an oil or hazardous  
 210 substance immediately before entry of the oil or hazardous substance into the atmosphere or in or upon  
 211 the water, surface, or subsurface land of the State. Alaska refers to this as **Responsible Person** (*18 AAC*  
 212 *75.990*)

213 **Spill of National Significance (SONS)**: means a spill that due to its severity, size, location, actual or  
 214 potential impact on the public health and welfare or the environment, or the necessary response effort,  
 215 is so complex that it requires extraordinary coordination of federal, state, local, and responsible party  
 216 resources to contain and clean up the discharge (*30 CFR 400.5*).

217 **State Emergency Response Commission (SERC)**: The Governor of the state has designated a State  
 218 Emergency Response Commission (SERC) that is responsible for implementing the Emergency Planning  
 219 and Community Right-to-Know Act (EPCRA) provisions within its state. The SERC's duties include:

- 220 • Establishing procedures for receiving and processing public requests for information collected
- 221 under EPCRA
- 222 • Reviewing local emergency response plans
- 223 • Designating local emergency planning districts
- 224 • Appointing a Local Emergency Planning Committees (LEPC) for each district
- 225 • Supervising the activities of the LEPC

226 **Volunteer**: means any individual accepted to perform services by the lead agency that has authority to  
 227 accept volunteer services (examples: Reference 16 U.S.C. 742f(c)). A volunteer is subject to the  
 228 provisions of the authorizing statute and the NCP (*30 CFR 400.5*).

229 **Waters of the State**: includes lakes, bays, sounds, ponds, impoundment reservoirs, springs, wells, rivers,  
 230 streams, creeks, estuaries, marshes, inlets, passages, canals, the Pacific Ocean, Gulf of Alaska, Bering Sea  
 231 and Arctic Ocean, within the territorial limits of the State and all other bodies of surface or underground  
 232 water, natural or artificial, public or private, inland or coastal, fresh or salt, which are wholly or partially  
 233 in or bordering the State or under jurisdiction of the State (*AS 46.04.900*).

234 **Worst Case Discharge (WCD)**: as defined by section 311(a)(24) of the CWA, means, in the case of a  
 235 vessel, a discharge in adverse weather conditions of its entire cargo, and, in the case of an offshore  
 236 facility or onshore facility, the largest foreseeable discharge in adverse weather conditions (*30 CFR*  
 237 *400.5*).

## 11 – REFERENCES

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### REFERENCES AND TOOLS:

The primary location of references is the [ADEC References and Tools webpage](#).

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