

Alascom's Marine Radio Service provides vessel-to-vessel, vessel-to-shore, and shore-to-vessel communications through marine VHF and single side band service.

Alascom marine operator stations for the State of Alaska are:

Cape Spencer	326-BOAT	Manley	435-BOAT
Cold Bay	327-BOAT	Nikishka	436-BOAT
Cordova	328-BOAT	Nome	461-BOAT
Craig	385-BOAT	Petersburg	462-BOAT
Diamond Ridge	386-BOAT	Ratz Mountain	483-BOAT
Dillingham	387-BOAT	Seward	577-BOAT
Egegik (BBY)	396-BOAT	Sitka	572-BOAT
High Mountain	395-BOAT	Togiak	545-BOAT
Johnstone Point	726-BOAT	Unalaska	574-BOAT
Juneau (LPJ)	434-BOAT	Valdez	626-BOAT
Juneau (South)	422-BOAT	Whittier	397-BOAT
Ketchikan	423-BOAT	Yakutat	627-BOAT
Kodiak	433-BOAT		

Alaska Department of Natural Resources, Division of Forestry – Radio Communications Assets:

The following provides an inventory of ADNDR-DOF radio communications assets in the PWS Subarea.

ADNDR-DOF Southcentral Regional Office (SCRO)

Anchorage: 269-8463 Fax: 269-8931

DOF's Southcentral Regional Office (SCRO) can transmit (Tx) and receive (Rx) on all the repeater frequencies for the region. They also have an intercom connection to the three area SCRO locations at Big Lake, Kenai, and Copper River through the State microwave system.

VHF

	<u>Channel</u>	<u>Location</u>	<u>TX</u>	<u>RX</u>
1) KKAF Initial Attack	Channel 1	Sterling	159.270	151.265
2) AMSA Initial Attack	Channel 3	Mt Susitna	159.270	151.265
3) VCRA Initial Attack	Channel 5	Tolsona	159.330	151.325
4) Air Guard	USFS Air Guard	Cooper Mt	168.625	168.625

UHF

1) AMSA/ER Warehouse Channel 1 & SCRO Logistics		Mt Susitna	458.100	453.100
2) VCRA Logistics	Channel 2	Tolsona	458.350	453.350
3) KKAF Logistics	Channel 3	Sterling	458.500	453.500

AIR TO GROUND (Mt Susitna)			132.45	132.45
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INTERCOM Intercom through the State microwave to each of the SCRO area offices (Big Lake, Kenai, and Copper River)

KKAF = Kenai/Kodiak Area Forestry
 AMSA = Anchorage/Mat-Su Area Forestry
 VCRA = Valdez/Copper River Area Forestry

RTI – There is a Remote Telephone Interface (RTI) located on Mt. Susitna. This allows radios in the Anchorage area to connect with the phone system and then make phone calls. This is used by State Parks, USFS, and DOF. Each agency has 8 radios that access the system.

MISCELLANEOUS

- | | | | |
|----------------------|--------------------------------------|--------|--------|
| 1) Air-Ground | Ester Dome | 132.45 | 132.45 |
| 2) Regional Intercom | For contact to all NRO area offices. | | |

Valdez/Copper River Area Office (VCRA)

Business: 822-5533/ 762-2372 Fire: 822-5533 Fax: 822-5539

The Dispatch office is located 5 miles south of the junction of the Glenn Hwy and the Richardson Hwy on the Richardson Hwy. The console has the following frequencies:

VHF

<u>Channel</u>	<u>Location</u>	<u>TX</u>	<u>RX</u>
1) Channel 5 Tolosna Initial Attack	Tolosna	159.330151.325	
2) Air Guard USFS Air Guard (Tolosna)	Tolosna	168.625168.625	

UHF

3) Channel 2 Tolosna Logistics (Simulcast with Willow Mt)	Tolosna	458.850453.350	458.500453.500
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Low Band Parks/Fish and Game/DOF 45.00 45.04

Air to Ground 132.45 132.45

Pager State Pager System 453.775

Intercom All SCRO Forestry Offices State Microwave System

The VCRA Office has 2 UHF Repeaters (Willow Mt and Tolosna) and 1 VHF Repeater (Tolosna).

2. Telephones

Telephone support will have to be coordinated through the local telephone utility. The requirements for telephone support may overload the capability of some of the remote locations resulting in delays in acquiring a suitable number of lines. Long distance service may also be severely limited during initial operations.

3. Telefax

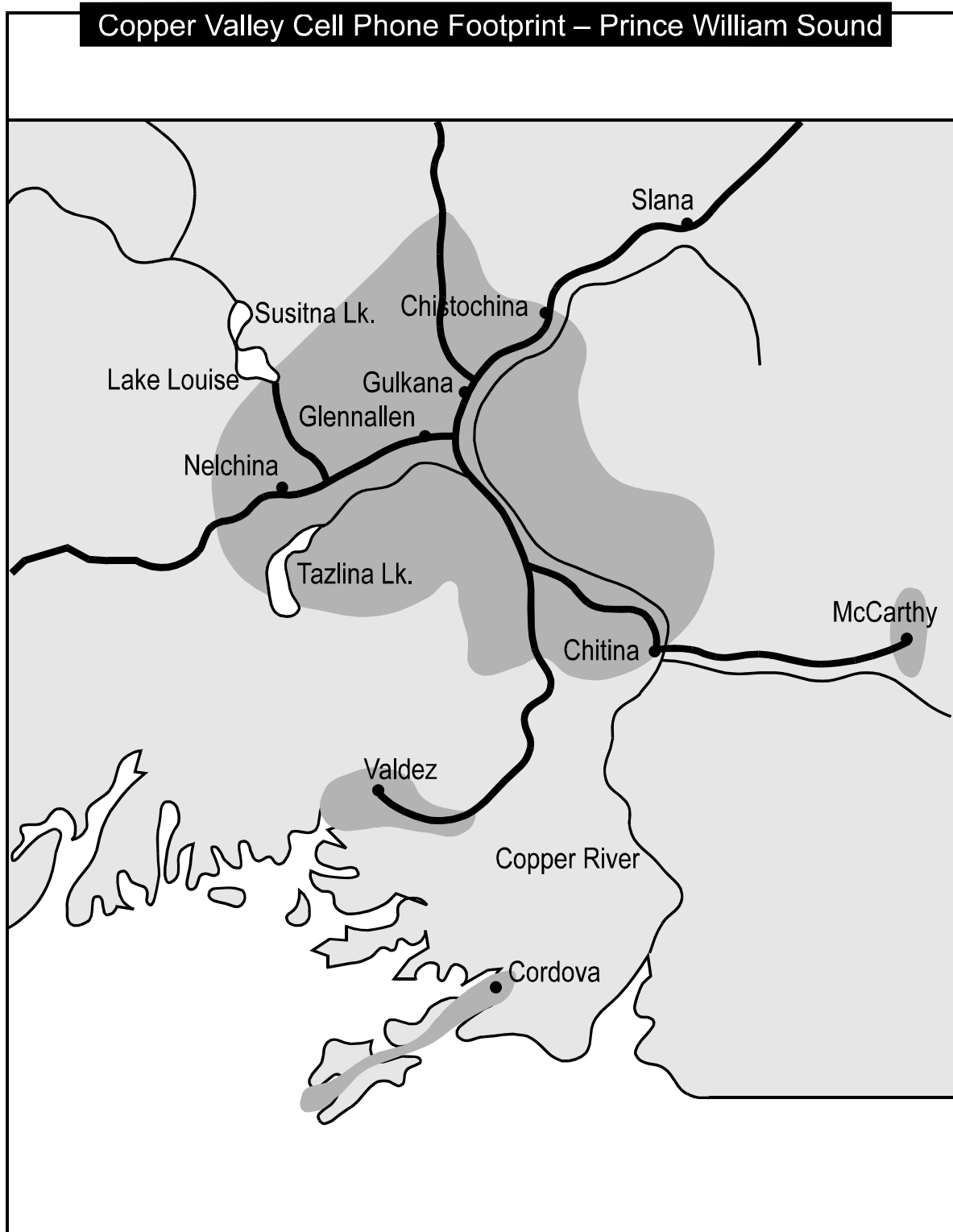
Dedicate at least two fax machines at the command center. Two fax machines are available at the USCG work area in the VEOC. Fax machines may be purchased or rented in the larger communities within the region. For remote responses, plan to deploy to the spill location with adequate fax capability since availability may be limited or non-existent. Use one machine for incoming and one for outgoing traffic. Establish procedures very early in the response for sending, receiving, and distributing fax's. Publish the fax #'s within the Command Center so that these numbers can be referenced to agencies/organizations outside the command structure. The ADEC also has a total of nine portable fax machines (with two in Valdez and two available in Anchorage).

4. Portable Telephones

Cellular telephone coverage is rather limited in Alaska and can't be relied upon as a primary means of communication. However, cellular phones can provide an additional means of maintaining communications with individuals outside the command center. Figure X depicts the approximate cellular phone coverage for Southcentral Alaska, including the Prince William Sound subarea.

The USCG's Pacific Strike Team has an International Maritime Satellite Organization (INMARSAT) Telesystem capable of transmitting and receiving calls from anywhere in the world. The system can send and receive faxes, also. ADEC maintains three INMARSAT-M, several SkyCell phones, and Iridium Satellite Phone systems within the state of Alaska. ADMVA/DES also maintains INMARSAT systems and other communications assets for emergency/disaster response.

Figure 2: Cellular Phone Coverage for Southcentral Alaska / PWS Subarea



5. Portable radios

Response teams will need portable radios with backup batteries and chargers. The responsible party/response contractor must provide adequate radios for their personnel. MSO Valdez has six handheld marine VHF radios. The ADEC maintains approximately 90 Saber-series handheld portable VHF radios as well as limited quantities of other portable VHF radios. Additional portable VHF radios may be available through other State agencies such as the Alaska Department of Natural Resources (Forestry Division) and the Alaska Department of Military and Veterans Affairs.

6. Portable Communications Trailers

Portable communications trailers are rare in Alaska. The major response cooperatives have the capability to establish portable comm centers, either in fly-away kits or road transportable units. The Department of Defense has extensive communications capabilities that could conceivably be made available in the event of a significant spill. See the **Unified Plan, Annex E, Appendix II** for specific procedures in accessing DOD equipment.

7. Copiers

Dependable high-volume copiers will be required in the command center. The size of the response will dictate the number of copiers required. Having more than one copier is advisable in the event that one machine breaks down from overuse.

8. Interpreters

With the growing influx of other cultures into Alaska, plus the possibility of foreign-flag vessels, language barriers may arise. Response staff may need the skills of an interpreter. Local hospitals and the State Troopers are the two most likely sources for the names of available interpreters.

D. COMMAND CENTERS

1. Location

Regardless of the spill volume, the USCG or EPA FOSC and State SOSC will initially operate from their normal offices. Likewise, the resource agency representatives will operate from their normal work areas until adequate space is arranged, if needed. For significant spills, home offices may prove inadequate and a joint command center will be required. For a response by SERVS, expect to use the Valdez Emergency Operations Center (VEOC) at the SERVS facility in Valdez. Spills extending over a large area may require the establishment of auxiliary locations.

Other potential locations for command centers include the State Emergency Coordination Center (Camp Denali, Ft Richardson), and RP facilities in Anchorage and Fairbanks.

In the event of a catastrophic spill event, the Unified Command may also consider relocating to Anchorage to take advantage of the existing infrastructure and expanded communications capabilities. Field command posts in downstream-impacted locations (e.g., southern Prince William Sound and the Western Gulf of Alaska) will also need to be considered.

2. Procedures for Establishment

For a federally funded response, the General Services Administration (GSA) and the Seventeenth Coast Guard District will locate and contract for the command center. For responsible party responses, the spiller/responder will be required to provide an adequate command center.

3. Equipment

Equipment necessary to outfit the command center depends upon the size and expected duration of the response. Generally, the requirements of the equipment will increase with the response magnitude, but the type of equipment will not change significantly. Items not on-hand must be procured through lease or purchase or provided by the responder/spiller. The VEOC is outfitted with most of the necessary equipment and supplies. The following list is not intended to be all inclusive but should provide an overview of the equipment required:

- Telephones and phone books
- Copy and Facsimile machines
- Desktop and portable computers with printers and fax/modem capability
- Internet and email access
- Office furniture
- Portable radios and Marine communications base station
- Cameras and Video recording/playback capability
- Office supplies (pens, pencils, paper, etc.)
- Chart paper with easels and Status boards (dry-write)
- Overhead and slide projectors
- Environmental Sensitivity Index maps
- Most Environmentally Sensitive Area maps
- Copies of the Unified Plan and appropriate Subarea Contingency Plans
- Alaska Incident Management System (AIMS) Guide
- USCG Field Operations Guide

E. STORAGE/DISPOSAL

The RP will be responsible for developing a waste disposal plan to provide the necessary logistical and procedural information required to ensure fast and efficient transfer of wastes from the response operations personnel to disposal facilities in compliance with existing laws and regulations. Oversight of the waste disposal plan will normally be the responsibility of the State.

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. Approximately five permitted oily waste landfills are currently in use in Alaska. These are associated with the oil fields on the North Slope and are reserved for the exclusive use of the company operating the landfill. Consult with ADEC on the landfill status. An ADEC solid waste permit is required. ADEC Fairbanks can provide current information on the adequacy of landfills in the Prince William Sound Subarea.

Additionally, refer to the **Unified Plan** for basic guidance on waste management and disposal procedures (see **Annex E, Appendix VI**).

LOGISTICS: TABLE 2 PRINCE WILLIAM SOUND - POTENTIAL STAGING AREAS

LOCATION	AIRPORT LATITUDE/ LONGITUDE	POTENTIAL STAGING AREA	CONTACT	PHONE
Chenega Bay	N60°04.64 W147°59.51'			
Chistochina	N62°33.81' W144°40.13'			
Chitina	N61°34.97' W144°25.63'			
Copper Center 2	N61°56.47' W145°17.64'			
Cordova	N60°32.63' W145°43.60'			
Eureka	N61°56.22' W147°10.13'			
Eyak Lake (Cordova) Cordova Muni Seaplane	N60°32.63' W145°43.60'	SEE RESOURCES: PART ONE - COMMUNITY PROFILES FOR EACH COMMUNITY FOR RESOURCES AVAILABLE FOR POTENTIAL STAGING AREAS.		
Gakona				
Glennallen				
Gulkana	N62°09.29' W145°27.40'			
Gulkana Heli				
Kenny Lake				
Lake Louise	N62°17.62' W146°34.77'			
May Creek	N61°20.14' W142°41.21'			
McCarthy No.1				
McCarthy No.2	N61°26.22' W142°54.22'			
Mentasta Lake				
Middleton Island	N59°27.00' W146°18.53'			
Northway	N62°57.68' W141°55.75'			
Paxson	N63°01.47' W145°30.03'			
Slana				
Tanacross				
Tatitlek	N60°52.14' W146°41.19'			
Tazlina	N62°03.89' W146°27.63'			
Tetlin	N63°08.03' W142°31.32'			
Thompson Pass	N61°10.64' W145°41.31'			
Tok	N63°17.73' W143°00.37'			
Tonsina				
Valdez	N61°08.04' W146°14.90'			
Valdez Creek				
Whittier				

LOGISTICS: TABLE 3 PRINCE WILLIAM SOUND - POTENTIAL COMMAND POST LOCATIONS

COMMUNITY	POTENTIAL CP LOCATION(S)	CAPABILITY		CONTACT	TELEPHONE
		Full	Limited		
Chenega Bay (<i>See Valdez</i>)					
Chistochina					
Chitina					
Copper Center					
Cordova					
Gakona					
Glennallen					
Gulkana					
Kenny Lake					
Mentasta Lake					
Northway					
Northway Junction					
Northway Village					
Paxson					
Slana					
Tanacross					
Tatitlek (<i>See Valdez</i>)					
Tazlina					
Tetlin					
Tok					
Tonsina					
Valdez					
Whittier					
Other Locations	TAPS Pump Stations				

SEE RESOURCES: PART ONE - COMMUNITY PROFILES FOR EACH COMMUNITY FOR RESOURCES AVAILABLE FOR POTENTIAL COMMAND POST LOCATIONS.

LOGISTICS: TABLE 4 – MARINE FREQUENCIES

Channel Designation	Accessibility/Channel Designation			Frequencies	
	CISPRI	USCG	DEC Zone 2 Marine	Transmit	Receive
6				156.300	156.300
7			MAR CH 7	156.350	156.350
9				156.450	156.450
10			MAR CH 10	156.500	156.500
11				156.550	156.550
12				156.600	156.600
13				156.650	156.650
16			MAR CH 16	156.800	156.800
17			MAR CH 17	156.850	156.850
18			MAR CH 18	156.900	156.900
21A**			MAR CH 21A	157.050	157.050
22A			MAR CH 22A	157.100	157.100
67			MAR CH 67	156.375	156.375
68			MAR CH 68	156.375	156.375
72			MAR CH 72	156.625	156.625
80A				157.025	157.025
81A**			MAR CH 81A	157.075	157.075
85				157.275	161.875
** Coast Guard working channels only; monitor only, unless permission received from local Coast Guard Command authorizing use while working a spill or a drill.					

LOGISTICS: TABLE 5 – OTHER COMMUNICATIONS ASSETS

STATE COMMUNICATIONS ASSETS					
Equipment	Quantity	Agency	Location	Contact	Phone
Satellite Phone Systems (INMARSAT)					
INMARSAT-M	1	ADEC	Fairbanks	NART Office	451-2126
INMARSAT-M	1	ADEC	Anchorage	DEC Warehouse	344-7380
INMARSAT-M	1	ADEC	Juneau	PERP Staff	465-5233
SKY CELL	1	ADEC	Juneau	Art Pilot	465-5233
Mitsubishi, MSAT	6	DMVA	Ft Richardson	Terry Smith	428-7000 800-478-2337
Satellite Portable	4	DMVA	Ft Richardson	Terry Smith	428-7000 800-478-2337
Portable VHF Base Stations (Fly-Away Transceivers)					
Fly-Away Kit	1	ADEC	Fairbanks	NART Office	451-2126
Fly-Away Kit	2	ADEC	Anchorage	CART Office	269-7542
Fly-Away Kit	2	ADEC	Juneau	PERP Office	465-5233
Handheld Portable VHF Radios					
Motorola Saber III	2	ADEC	Anchorage Valdez	Harry Young John Brown	269-7542 835-4698
Motorola Saber II	67	ADEC	Statewide	Jim Stevenson	344-7380
Motorola Saber I, Programmable, 12 channels	22	ADEC	(10) DEC Whse (12) Statewide	Jim Stevenson Jim Stevenson	344-7380 344-7380
Motorola P-100 Radios, 2 channels	19	ADEC	Anchorage	DEC Warehouse	344-7380
Motorola MX-360 Radios, 6 channels	13	ADEC	(11) Anchorage (2) Kenai	DEC Warehouse Gary Folley	344-7380 262-5210
Bendix/King Radios	4	ADEC	(2) Anchorage (2) Fairbanks	DEC Warehouse Tom DeRuyter	344-7380 451-2145
Bendix/King Radios	25	DMVA	Ft Richardson	Terry Smith	428-7000 800-478-2337
MAXON SP2550SMX	7	DMVA	Ft Richardson	Terry Smith	428-7000 800-478-2337
Motorola Saber III	2	DMVA	Ft Richardson	Terry Smith	428-7000 800-478-2337
Motorola MX 360 Radios	1	DMVA	Ft Richardson	Terry Smith	428-7000 800-478-2337
Ericson GE	6	DMVA	Ft Richardson	Terry Smith	428-7000 800-478-2337

LOGISTICS: TABLE 5 – OTHER COMMUNICATIONS ASSETS (continued)

STATE COMMUNICATIONS ASSETS					
Equipment	Quantity	Agency	Location	Contact	Phone
Global Positioning System Units					
Marine System	6	ADEC	Statewide	Jim Stevenson	344-7380
Base and Hand Held Ground-Air Radios					
Hand Held Radios	10	ADEC	Statewide	Jim Stevenson	344-7380
Base Radio	1	ADEC	Valdez	John Brown	835-4698
Hand held Radios	3	ADES	Ft Richardson	Terry Smith	428-7000 800-478-2337
Base Radio	7	ADES	Ft Richardson	Terry Smith	428-7000 800-478-2337
VHF Marine Radios					
Hand Held Radios	3	ADEC	Soldotna Anchorage	Gary Folley Jim Stevenson	262-5210 344-7380
Base Radios	2	ADEC	N/A	N/A	----
Hand Held Radios	8	ADES	Ft Richardson	Terry Smith	428-7000 800-478-2337
Base Radios	9	ADES	Ft Richardson	Terry Smith	428-7000 800-478-2337
Auxiliary Power Supply (primarily for comms equipment)					
Honda 1KW generators	4	ADEC	(2) Warehouse (1) Fairbanks (1) Juneau	Jim Stevenson Tom DeRuyter Les Leatherberry	344-7380 451-2145 465-5346
Honda 1KW generators	4	ADES	Ft Richardson	Terry Smith	428-7000 800-478-2337
Northern Lights 5KW Generator	4	ADES	Ft Richardson	Terry Smith	428-7000 800-478-2337
Generac, 4KW	2	ADES	Ft Richardson	Terry Smith	428-7000 800-478-2337
Portable Fax Machines					
	3	DEC	Anchorage	DEC Warehouse	344-7380
	2	ADES	Ft Richardson	Terry Smith	428-7000 800-478-2337