

RESOURCES: PART TWO - EQUIPMENT

This section highlights the major resources and quantities of response-related equipment that may be available for the Prince William Sound subarea. Summary information such as this will be valuable during spill response planning and especially during actual spill responses. The listing provides information on both local resources and those resources that may be available from outside the immediate area since a significant spill event would most likely require resources from other locations. For more detailed equipment inventories for the other regions of the state, consult the appropriate Subarea Contingency Plan (SCP) for the particular region. Also, see the **Unified Plan, Annex E, Appendix I: Equipment**, for general information on Alaska.

Actual availability of equipment will depend upon contractual arrangements and agreements between the party owning the equipment and the party desiring to purchase or use the equipment. No prior permission or arrangement for the use of this equipment is implied or granted by the inclusion of any organization's equipment, whether federal, state, local, or privately owned. Equipment listings are as follows:

A: COMMERCIALLY AVAILABLE EQUIPMENT

1. Vessels
2. Boom
3. Skimmers
4. Miscellaneous

B: NON-COMMERCIALLY AVAILABLE EQUIPMENT

C: INDUSTRY SPILL COOPERATIVE EQUIPMENT

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1. VESSELS

TUG INVENTORY

Location	Name	Operator	Contact	Phone	Horsepower	L/B/D/ (FT)	Berth
AK	Tug Sea Hawk	AMC		206-455-4474	2600	85	
AK	Tug Agnes Foss	Foss Launch & Barge	Bill Madigan	907-274-1577 (24hr)	3000	114/31/15	8
AK	Tug Drew Foss	Foss Launch & Barge	Bill Madigan	907-274-1577 (24hr)	3000	120/34/16	8
AK	Tug Jeffrey Foss	Foss Launch & Barge	Bill Madigan	907-274-1577 (24hr)	3000	114/31/15	8
AK	Tug Sidney Foss	Foss Launch & Barge	Bill Madigan	907-274-1577 (24hr)	3000	120/34/16	8
AK	Tug Wendy Foss	Foss Launch & Barge	Bill Madigan	907-274-1577 (24hr)	4000	117/34/16	8

BARGE INVENTORY							
Location	Barge Name	Operator	Contact	Phone	Barge Type	L/B/D	Remarks
Various AK Areas	FOS 255	Foss Launch & Barge	Bill Madigan	907-274-1577 (24hr)	Petro-R	250/76/17	DC
Various AK Areas	FOS 256	Foss Launch & Barge	Bill Madigan	907-274-1577 (24hr)	Petro-R	250/76/17	DC
Various AK Areas	FOSS 343	Foss Launch & Barge	Bill Madigan	907-274-1577 (24hr)	Deck	343/76/18	FLF-A-WD
Various AK Areas	FOSS 286-1	Foss Launch & Barge	Bill Madigan	907-274-1577 (24hr)	Deck	286/76/18	FLA

WORK BOAT INVENTORY							
Location	Vessel Name	Type	Company	Contact	Phone	L/B/D (FT)	Horsepower
Valdez		Landing Craft	R & R Diving Services	Richard L. Wade	907-835-4375	56	
Valdez		Work Boat	R & R Diving Services	Richard L. Wade	907-835-4375	22	
Valdez		Utility Boat	R & R Diving Services	Richard L. Wade	907-835-4375	32	

2. **BOOM EQUIPMENT**

BOOM INVENTORY								
Location	Owner	Type/Size	Length (FT)	LBS/FT EST.*	Design Use	Contact	Work #	24-HR #
Valdez	R&R Diving	Harbor Boom	500		Containment	Richard Wade	907-835-4375	
Valdez	R&R Diving	Contractor Boom	1000		Containment	Richard Wade	907-835-4375	

3. **SKIMMERS**

SKIMMER INVENTORY									
Location	Source	Contact	Phone	Type	Qty.	Nameplate Capacity [BBL/HR]	20% Capacity Derated	12 HR Recovery Derated [BBSL[24 HR Recovery Derated [BBSL]

D. MISCELLANEOUS

Category	Owner	Quantity	Description	Location

Specialty Equipment

Location	Owner	Type/Size of Item	Quantity	Contact	Work #	24 Hour #
Anchorage	Lynden Inc	12' Ore Containers	300	Dave Haugen	907-245-1544	
Anchorage	Lynden Inc	18' Ore Containers	88	Dave Haugen	907-245-1544	

Camp Equipment

Location	Owner	Type/Size of Item/Quantity	Contact Phone #
Anchorage	Bering Marine	Atco 10'x56' Units; Use-Offices, Sleepers, Storage, Lavatory/Shower: 90	907-277-9834 907-248-7646
Anchorage	Bering Marine	56 Man Atco Self Contained Camp w/7 Sleepers, 1 Kitchen/Diner, 1 Lavatory, Generator Van, Water & Sewage Treatment Plant	907-277-9834 907-248-7646
Anchorage	Bering Marine	24 Man Camp w/6 each Skid Mounted Units w/Lavatory, Kitchen/Diner, & Rec Room	907-277-9834 907-248-7646

The following highlights the significant items in the R & R Diving Services (Valdez) inventory. For specific questions regarding R & R Diving spill response equipment assets, contact Richard L. Wade at 907-835-4375.

VALDEZ EQUIPMENT		
Bayliner Contessa, 29 ft	01	
Landing Craft, 56 ft	01	
Monark Work Boat, 22 ft	01	
Salinger Rubber Boat, 18 ft	01	
Utility Boat, 32 ft	01	
Rubber raft, 10 ft	03	
Harbor boom, 500 ft	01	
Contractor boom, 1000 ft	01	
Sorbent boom		
Sorbent sweep		
Sorbent pads		
Tyvek suits		
Rubber boots & gloves		
Respirators		
Generator, 15 kW	01	
Generator, 5 kW	01	
Generator, 1000 kW	01	
Generator, 1200 kW	01	
Compressor, 8 CFM, 120 psi	01	
Compressor, 25 CFM	01	
Compressor, 10 CFM, 5000 psi	01	
Pumps		
Power washers	02	
Steam cleaners	03	
Heavy equipment		various, incl. loaders, dozers, graders, vacuum truck, etc.
Automobiles		various, incl. vans, pickups, motorhome

Facility Equipment

The Oil Pollution Act of 1990 (OPA 90) requires that all "designated waterfront facilities" and all mobile transfer operators submit a facility response plan to be reviewed and approved by the cognizant Captain of the Port. In Prince William Sound, all required facilities and mobile transfer operators have submitted the required plans. One aspect of these response plans is for the owner/operator to identify by contract or other approved means the equipment needed to cleanup to the maximum extent practicable their worst case discharge.

For a list of each facility's response equipment, refer to each facility response plan. Facilities for Prince William Sound are as follows:

- Orca Oil Company - Cordova
- Silver Bay Logging Company - McLeod Harbor, Montague Island
- TAPS/Alyeska Terminal - Valdez
- Tesoro Alaska Valdez Terminal - Valdez
- Valdez Fuel Company - Valdez
- Harbor Fuel Company - Valdez
- Peter Pan Seafood, Valdez
- Nautilus Seafood, Valdez
- Petrostar Refinery, Valdez
- Wolverine Gas Company, Glennallen
- Hub of Alaska, Glennallen
- Copper Valley Fuel, Glennallen
- Service Oil and Gas, Glennallen
- Gulkana Airport Service Company, Glennallen

The equipment list and storage locations for oil spill response equipment for Alyeska and SERVS can be found in Supplemental Information Document No. 2 of the Prince William Sound Tanker Oil Discharge Prevention & Contingency Plan.

B. NON-COMMERCIALY AVAILABLE EQUIPMENT

1. USCG MAINTAINED CONEX AND SPILL RESPONSE EQUIPMENT INVENTORY

For MSO Valdez-based equipment call 907-835-7228 (24- hour emergency contact: 907-835-7200).

For MSO Anchorage-based equipment call 907-271-6700/6721

Transport Options: No Government options generally available. Commercial trailer required to move the two 20' conex boxes

CONEXES AND OTHER EQUIPMENT				
Category	Owner	Quantity	Description	Location
Boom	USCG	12 bales	Type 270	Cordova
	USCG	1000	Sea Curtain Boom	Cordova
	USCG	72 bales	Type 270	Valdez
	USCG	1000	Sea Curtain Boom	Valdez
	USCG	1000	Harbor Boom	Valdez
	USCG	700	Offshore Boom	Valdez
	USCG	650	Nearshore Boom	Valdez
Anchors	USCG	8		Valdez
	USCG	6		Cordova
Sorbent Material	USCG	42 bales	Sorbent Pads, Type 151	Valdez
	USCG	45 bales	Sorbent Sweep, Type 126	Valdez
	USCG	10 rolls	Sorbent Roll, Type 100	Valdez
	USCG	40 bales	Sorbent Pads, Type 151	Cordova
Buoys	USCG	6		Valdez
	USCG	6		Cordova
Miscellaneous	USCG	Various	Bags, earth screws, polypro line	Valdez/Cordova
PPE	USCG	Various	Raingear, gloves, suits, boots, hardhats	Valdez

VESSEL OF OPPORTUNITY SKIMMING SYSTEMS

VOSS PACKAGE							
Location	Owner	Qty.	Description	Design Use	Contact	Work #	24-Hour #
MSO Anchorage	USCG	1	VSL of Opportunity Skimming System	Containment	Supervisor	907-271-6700	907-271-6700
		2	Auger Screw Pump Weir Skimmer 180 GPM/300 GPM Desmi				
		2	45' Boom Outrigger: 3 Sections				
		1	FAST Sweep Reel Boom				
		2	Portable Davits				
		2	800 GPM Prime Mover				
		2	28',000 Gallon Inflatable Barges				

Category	Quantity	Description	Location
Additional Boom	5,000'	American Marine 42" Ocean Boom	Foam Filled: 500' per Container
Boom Containers	10 ea.	8' x 8' x 8.5' Boom Containers	Aluminum w/ Fork Pockets and
Flat Bed Trailers	4 ea.	1 ea. 48' Trailer & 3 ea. 42'	

Equipment Location: Bldg 800, Fort Richardson
 Access: Contact Commanding Officer, Port Ops Officer, or DRAT
 Transport Options: DRAT will coordinate with SUPSALV.

2. DEC Community Spill Response Agreements and Response Connex Inventory (see next page for locations and connex inventory)

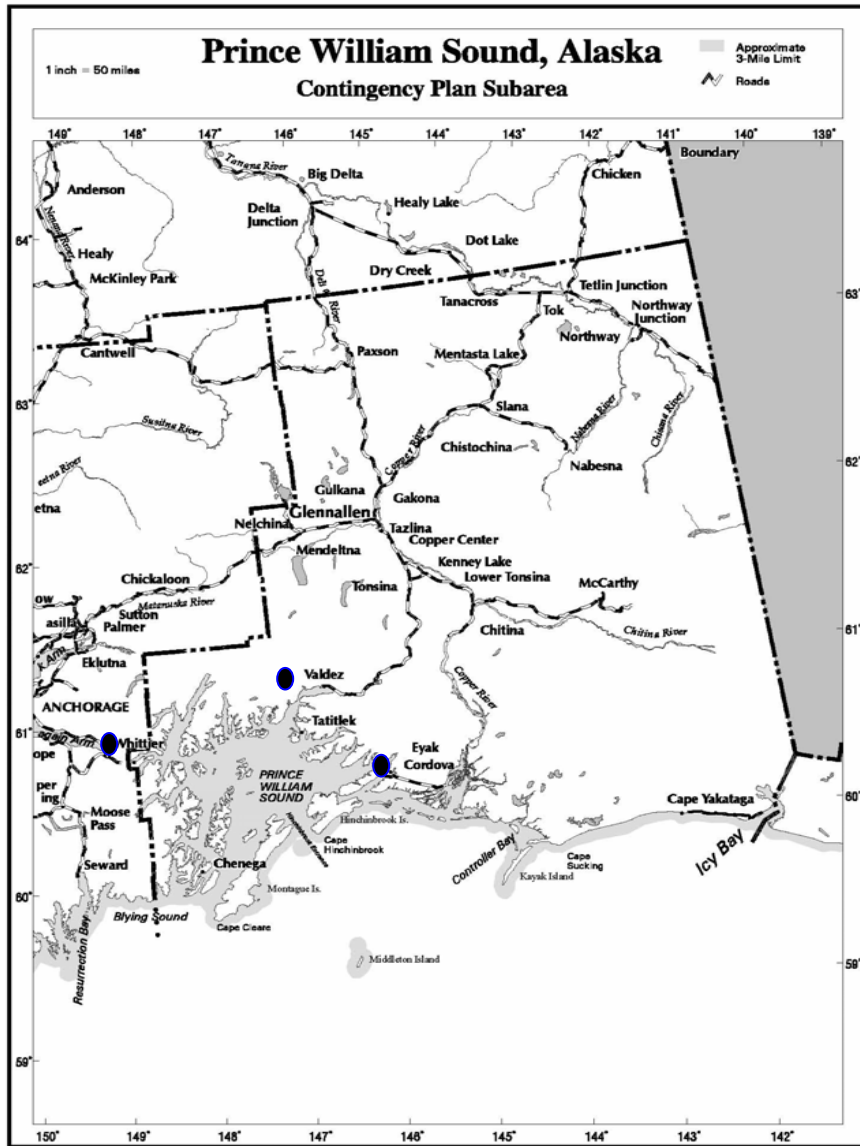
Community Spill Response Agreements: DEC has entered into formal agreements with the following communities whereby the community may be requested to take initial response actions for spills in the local area (other than those caused by the community). DEC will reimburse the community for costs incurred in responding to the spill and any containment and recovery actions involved.

City of Cordova

City of Valdez

City of Whittier

Spill Response Connex: DEC also maintains a spill response connex in Anchorage. A summary map of response agreements and spill response connexes (with an equipment inventory) is provided on the following page.



DEC Local Response Agreements Exist with:
 City of Cordova, City of Valdez, and City of Whittier

Typical DEC Response Conex Inventory:
 Conexes located at Cordova, Valdez, and Whittier

Oil Snares without rope (Pom-Poms)	10 bales
Sorbent Pads, 17' X 19" 100 pads per bale	65 bales
Sorbent Boom, 5" X 10' 4 per bale	10 bales
Personal Protective Equipment (PPE)	assorted
Overpack Drum, Steel 85-gallon	1
JABSCO Rotary Vane Pump	1
40' X 40' Plastic 20 mil Liner	2
Drum Liner - 8 mil, 85-gallon, 50 bags per roll	2 rolls
Sorbent Materials Hand Wringer	1
MW41 rope mop skimmer w/return pulley (w/ 55 gallon open top drum)	1
4" oil-absorbing endless loop poly-mop	100-ft
1,800-gallon portable storage tank system	1
500-watt halogen light single head, light stand	2
Smart Ash Incinerator w/55 gallon open top drum	1
5,000 watt portable generator	1
Ice auger w/8" steel auger bit & 18" extension, 2 hp	1
Portable water cleaning system w/absorbent material	1
85 gallon response drums loaded w/sorbents, bags, ppe	3
Knaak 30 steel locking tool box (w/ assorted tools, eqpt)	1

Coast Guard Spill Response Assets in PWS:

Cordova: 1,300' harbor boom, sorbent boom/pads/sweeps
 Valdez: 1,300' harbor boom, sorbent boom/pads/sweeps

C. INDUSTRY SPILL COOPERATIVE EQUIPMENT

There are presently no industry spill response cooperatives located in Prince William Sound.

However, Alaska Chadux Corporation (ACC) does serve members in the Prince William Sound area. The 24 hour phone is (cellular) 229-4474. The general office number is 278-3365. For a complete inventory of the equipment held, refer to the ACC Operations Manual.

The following highlights the significant items in the ACC inventory located in the Prince William Sound Area. Additional assets are staged in Anchorage and other locations. For specific questions regarding ACC spill response equipment assets, contact the ACC Logistics Manager at 348-2365.

VALDEZ EQUIPMENT

VDZ-01, 20 FT CONNEX, NO CHASSIS, RECOVERY		
Skimmer, Weir, Skim Pak	01	
Skimmer, Rope Mop, MW41G, diesel	01	
Skimmer, Rope Mop, MW41E, electric	01	
Mantaray skimmer head	02	
Trash Pump, Yanmar, 3 inch, diesel	03	
Trash Pump, Hatz, 4 inch, diesel	01	
Generator, 7.5 kW, diesel	01	
Fast Tanks, 2400 gallons	03	

VDZ-02, 20 FT CONNEX, NO CHASSIS, CONTAINMENT		
Boom, 24 inch	1000 ft	
Anchor System	01	
Bladder, 1250 gallon, Canflex, towable	01	

VDZ 03, 40 FT CONNEX, NO CHASSIS, CONTAINMENT		
Boom, 20 inch	2800 ft	
Anchor System	03	
P.P.E. Kit	01	
Hose Kit, 2/25 ft suction, 4/50 ft discharge	01	

YARD		
Boat, 18 ft	01	Boat # 3

CORDOVA EQUIPMENT

CDV-01, 20 FT CONNEX, NO CHASSIS, RECOVERY			
Skimmer, Weir, Skim Pak	01		
Skimmer, Rope Mop, MW41G, diesel	01		
Skimmer, Rope Mop, MW41E, electric	01		
Trash pump, Yanmar, 3 inch	02		
Trash Pump, Yanmar, 4 inch	02		
Mantaray skimmer head	02		
Generator, 7.5 kW, diesel	01		
Hose Kit, 2/25 ft suction, 4/50 ft discharge	01		
Fast Tanks, 2400 gallons	03		
P.P.E. Kit	01		
Absorbent boom, 8 inch	18 bags	40 ft per bag	
Absorbent boom, 6 inch	09 bags	40 ft per bag	

CDV-02, 20 FT CONNEX, NO CHASSIS, CONTAINMENT		
Boom, 24 inch	1200 ft	
Bladder, 1250 gallon, Canflex, towable	01	
Anchor System	04	

CDV 03, 20 FT CONNEX, NO CHASSIS, CONTAINMENT		
Boom, 20 inch	2000 ft	

YARD		
Boat, 18 ft	01	Boat # 4

Several other out-of-region spill response cooperatives exist in Alaska and they present a valuable source of response equipment:

Cook Inlet Spill Prevention and Response Inc. (CISPRI) is a Level E classified Oil Spill Response Organization serving the Cook Inlet region and located north of the town Kenai on the Kenai Peninsula, 180 highway miles south of Anchorage. The 24 hour phone is 776-5129.

Alaska Clean Seas (ACS) is a North Slope cooperative headquartered in Prudhoe Bay. The 24 hour phone is 659-2405.

Southeast Alaska Petroleum Resource Organization (SEAPRO) serves members in the Southeast Alaska area and is based out of Ketchikan. The 24 hour phone is 225-7002.

The **Unified Plan, Annex E, Appendix III, Tab W** lists the complete address and contact numbers for Alaska's oil spill response cooperatives.