Membership of ACS

Alyeska pipeline Service Company
Anadarko Petroleum Corporation
bp
Brooks Range Petroleum Corporation
Caelus Energy Alaska
ConocoPhillips
Eni Petroleum
ExxonMobil
Hilcorp
Great Bear Petroleum Operating LLC
Savant Alaska
Introduction

This Manual provides a guide to the location, ownership, type, amount and specifications to North Slope response equipment that Alaska Clean Seas (ACS) utilizes. In 1995, all spill equipment on the North Slope was consolidated, which brought it all into one tracking and maintenance system.

Spill response equipment warehouses, storage yards, and satellite areas are strategically located in each operating field and at two separate locations in Deadhorse. With assistance from ACS Base, field-assigned ACS technicians support the operating area facilities and sites; while the Deadhorse locations are managed by ACS Base personnel.

ACS technicians perform required preventative and routine maintenance activities on both ACS and Member Company dedicated spill response equipment. Equipment repairs beyond the capabilities of ACS technicians are accomplished by mechanics assigned to ACS Base in Deadhorse. This shop performs complex maintenance tasks and maintains vessels and specialized response equipment. Off-shore marine vessels and equipment are maintained and repaired by Marine mechanics at A4W1. Major equipment modification work and specialized fabrication are also accomplished at these facilities.

Currently, the value of dedicated spill response equipment warehoused under ACS management exceeds $75 million. ACS owns roughly half of this equipment while the Member Companies own the other half. With the exception of repair or maintenance costs, all ACS owned equipment is available to Member Companies at no charge, during a spill response. Member owned equipment is available to all other members under terms and conditions outlined in the North Slope Mutual Aid Agreement.

The ACS owned equipment is also available for rental for non-spill response related activities. Rental rates have been developed for all ACS equipment. Additional ACS equipment rental information can be obtained from our Eastern Area Supervisor at 907-659-3205.

In summary, ACS maintains a vast amount of equipment located throughout the operating oil fields on the North Slope of Alaska. This manual is intended to assist potential users in understanding ACS spill response equipment and how they might access it for both spill and non-spill related work. Should you have additional questions, please contact us at (907) 659-2405.

Should there be any questions regarding the equipment and/or rentals, please contact us at (907) 659-2405.
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**Meters**

**Quantity:** 19 Total

**Manufacturer:** Rae, Draeger, Industrial Scientific, ExTech

**Owner(s):**
- 8 each Six Gas, ACS
- 2 Benzene, ACS
- 3 PID, ACS
- 1 Tube Pump, ACS
- 1 Decibel, ACS
- 1 CMS, ACS
- 1 each Six Gas, CPAI
- 2 each Six Gas, Exxon

**Function:** Air and sound sampling and monitoring

**Auxiliary Equip:** Charging Station, CalGas, Pump, Wand, Filters, Chips, Tubes, Hose
Automated External Defibrillators (AEDs)

Quantity: 4 Total
Manufacturer: Phillips and Cardiac Science
Owner(s): ACS
Specifications: Cardiac Science-9390A, Phillips 861304, and M5066A
Function: Emergency first aid.
Emergency Locator Beacons (EPIRB and GPIRB)

Quantity: 14 Total
Manufacturer: ACR Electronics
Owner(s): ACS
Specifications: 406 MHz Satellite, Cat 1, Class 2
Function: Emergency location of vessels and personnel.
Life Rafts

Quantity: 33 Total

Manufacturer: DBC, Elliot, Viking and Lalizas

Owner(s): 32 each, ACS 1 each, ENI

Specifications: 6 each, 4 person 11 each, 6 person

15 each, 10 person 1 each, 12 person (ENI)

Function: Life saving equipment for vessels in distress.
Dry Decons

**Quantity:** 7 Total

**Manufacturer:** Wells Cargo, Charmac, Fruehauf and Alchem

**Owner(s):**
- 2 each, ACS
- 3 each, BP
- 2 each, CPAI

**Specifications:**
- 20’ to 50’ trailer or connex units

**Function:**
Provide dry decon facilities during response operations.

**Auxiliary Equip:**
- Generator, Tail Roll Truck or Trailer
Wet Decons

**Quantity:** 3 Total

**Manufacturer:** Ameri-Can, Intercontinental

**Owner(s):** 1 each, BP 1 each, CPAI 1 each, Exxon

**Specifications:** These self-contained decontamination units are designed to be hauled with either a Dempster system equipped truck or a pickup truck to a spill response site.

**Function:** Designed to accommodate either wet or dry decon processes.

**Auxiliary Equip:** Generator power for Kuparuk unit: EOA equipped with dedicated generator. Transport truck.
Vessels and Accessories
Agviq

Quantity: 1 Total
Manufacturer: Grayling Marine
Owner(s): ACS
Specifications:
- Draft: 2’ 6”
- Fuel Capacity: 900 gallons
- Twin Lugger, 250 HP each, jets
- Range: 280 NM @ 2300 RPM w/28 HRS operating time
- Cruising Speed: 8 -12 kts
- 55 ft., 45,000 lbs.

Function: Transporting equipment and personnel, boom deployment and skimming activities.
Big Dipper

**Quantity:** 1 Total

**Manufacturer:** Grayling Marine

**Owner(s):** ACS

**Specifications:**
- Draft: 2’6”
- Fuel Capacity: 632 gallons
- Twin CAT, 450 HP each, jets
- Range: 75 NM @ 2400 RPM w/17.5 HRS operating time
- Cruising Speed: 8 -12 kts
- 45 ft., 37,000 lbs.

**Function:** Transporting equipment and personnel, boom deployment and skimming activities.
Bay Boats

**Quantity:** 4 Total

**Manufacturer:** Rozema Boat Works

**Owner(s):** ACS

**Specifications:** 1 each, Camden Bay, Gwydyr Bay, Harrison Bay and Mikkelsen Bay
Draft: 3’9”
Fuel Capacity: 700 gallons
Twin Lugger, 450 HP each, prop
Range: 340 NM @ 2,000 RPM w/20 HRS operating time
Cruising Speed: 17 kts
42 ft., 37,000 lbs.

**Function:** Moving and deploying boom, skimmers, containment barges, and transporting personnel and equipment. The twin engine power supply allows for larger towing capacity and provides increased speed.
Fireweed and Arctic Rose

**Quantity:** 2 Total

**Manufacturer:** Munson

**Owner(s):** ACS

**Specifications:**
1 each, Fireweed and Arctic Rose

- Draft: 2’8”
- Fuel Capacity: 650 gallons
- Twin Cummins, 250 HP each, prop
- Range: 456 NM @ 2300 RPM w/38 HRS operating time
- Cruising Speed: 12 kts
- 38 ft., 30,000 lbs.

**Function:** Transporting equipment and personnel, towing boom and minibarges for spill response.
Deployer and Retriever

Quantity: 2 Total
Manufacturer: Munson
Owner(s): ACS
Specifications:
- Draft: 2’
- Fuel Capacity: 200 gallons
- Twin Evinrude Outboards, 150 HP each, prop
- Range: 175 NM, 4,000 RPM w/ 7.5 HRS operating time
- Cruising Speed: 23 kts
- 29 ft., 9,000 lbs.

Function: Boom towing, mini-barges, bladders and transport personnel and equipment.
Island Boats

**Quantity:** 4 Total

**Manufacturer:** Rozema Boat Works

**Owner(s):** Hilcorp

**Specifications:**
- 1 each, Karluk Island, Cottle Island, Barter Island and Narwhal Island
- Draft: 3’9”
- Fuel Capacity: 172 gallons
- Single CAT, 300 HP, prop
- Range: 144 NM @ 2,400 RPM w/12 HRS operating time
- Cruising Speed: 8 kts
- 25 ft., 14,800 lbs.

**Function:** Boom towing and mini-barge operations.
Bullet and Snow White

Quantity: 2 Total
Manufacturer: Munson
Owner(s): ACS
Specifications: 1 each, Bullet and Snow White
Draft: 1’6”
Fuel Capacity: 79 gallons, Bullet
Fuel Capacity: 147 gallons, Snow White
Twin Evinrude Outboards, 90 HP each, prop, Bullet
Single Chevrolet 350ci inboard, w/Volvo Penta outdrive, Snow White
Cruising Speed: 20 kts
21 ft., 6,000 lbs.
Function: Near-shore operations to include boom towing.
Large Landing Crafts

**Quantity:** 4 Total

**Manufacturer:** Munson, Riddle

**Owner(s):**
- 1 each, ACS
- 1 each, CPAI
- 2 each, Exxon

**Specifications:**
- Draft: 20 in. - 2 ft.
- Fuel Capacity: 300 - 400 gallons
- Twin Evinrude 300 Outboards, Twin Yanmar 350 Diesel
- Cruising Speed: 27 - 30 kts
- 34 ft. - 37 ft., 14,100 lbs. - 18,500 lbs.

**Function:** Transporting equipment, personnel, and boom deployment for near-shore response operations.
Small Landing Crafts

**Quantity:** 6 Total

**Manufacturer:** Grayling Marine, Munson and Riddle

**Owner(s):**
- 2 each, ACS
- 1 each, ENI
- 1 each, Hilcorp
- 1 each, Caelus
- 1 each, CPAI

**Specifications:**
- Draft: 1’- 3’
- Fuel Capacity: 60 - 150 gallons
- Cruising Speed: 20 - 30 kts
- 22 to 32 ft., 2,200 lbs. - 12,000 lbs.

**Function:** Transporting equipment, personnel, and boom deployment for near-shore response operations.
Near-shore Work Boats

Quantity: 37 Total
Manufacturer: Bombard, SJX, Sea Nymph, Gregor, Valco, Achilles, ACS, Lowe, Marian, BN Bolton, Munson, Woolridge, Phantom, Sea Ark, Rozema, Riddle and Smokecraft
Owner(s): 11 each, ACS  3 each, BP  3 each, Hilcorp
   1 each, Caelus  18 each, CPAI  1 each, Exxon
Specifications: 12’ to 28’ rigid hulled up to 200 HP
Function: Containment, recovery and logistical support for near-shore response operations.
Airboats

**Quantity:** 32 Total

**Manufacturer:** Alumitech, Husky, Marshland Marine, and Diamondback

**Owner(s):**
- 16 each, ACS
- 5 each, CPAI
- 6 each, BP
- 3 each, Exxon
- 2 each, Hilcorp

**Specifications:**
- 19’ - 2 each, ACS
- 20’ - 1 each, ACS
- 22’ - 11 each, ACS
- 28’ - 2 each, ACS
- 3 each, BP
- 5 each, CPAI
- 2 each, Exxon
- 3 each, BP
- 1 each, Exxon

**Function:** Transport personnel, equipment and deploy boom in rivers and near-shore response.
# Outboards

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<tr>
<td></td>
<td>13 each, CPAI</td>
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<tr>
<td></td>
<td>3 each, Hilcorp</td>
</tr>
<tr>
<td><strong>Specifications:</strong></td>
<td>10 Jet Units: 25 to 115 HP</td>
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<td></td>
<td>41 Prop Units: 4 to 300 HP</td>
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<td><strong>Function:</strong></td>
<td>Power non-inboard engine vessels.</td>
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Recovery Equipment
LORI Brush Skimmers

**Quantity:** 12 Total  
**Manufacturer:** Lamor  
**Owner(s):** 10 each, ACS  
2 each, Hilcorp  
**Specifications:**  
- 8 each, LSC-3  
- 4 each, LFS-3 (without brushes)  
**Nameplate Capacity:** 271 BPH  
**Derated Capacity:** 217 BPH  
**Function:** Advancing brush skimmer for the recovery of heavy oils in open ocean conditions.

LORI Side Collector (LSC) - Vessel based oleophilic chain brush skimmer designed for advancing skimming operations in the near shore and open ocean environment. Skimmer is capable of recovery speeds up to 3 knots and adaptable to varying oil viscosities via interchangeable brush cassettes. Integral positive displacement Desmi 250 transfer pump capable of pumping highly viscous fluids.

LORI Floating Skimmer (LFS) - Independent oleophilic chain brush skimmer designed for advancing skimming operations in the near shore and open ocean environment. Skimmer can effectively be towed, pushed or affixed to the side of a vessel. Skimmer is capable of recovery speeds up to 3 knots and adaptable to varying oil viscosities via interchangeable brush cassettes. Integral positive displacement Desmi 250 transfer pump capable of pumping highly viscous fluids.

**Auxiliary Equip:** Hydraulic power pack and vessel for advancing skimmer
Vikoma Weir Skimmers

Quantity: 5 Total
Manufacturer: Vikoma
Owner(s): ACS
Specifications:
- 4 each, Mini Fasflow
  - Nameplate Capacity: 143 BPH
  - Derated Capacity: 29 BPH
- 1 each, Fasflow
  - Nameplate Capacity: 486 BPH
  - Derated Capacity: 97 BPH
Function: Spill recovery in fast moving water.
Auxiliary Equip: 3” Diaphragm Pump with Mini or 3” Sykes Univac with Fasflow
Foxtail Rope Mop
Skimmer

Foxtail 1-6

Quantity: 2 Total
Manufacturer: Hendriksen
Owner(s): ACS
Specifications: Foxtail 4-9
Nameplate Capacity: 249 BPH
Derated Capacity: 119 BPH

Specifications: Foxtail 1-6
Nameplate Capacity: 19 BPH
Derated Capacity: 15 BPH

Function: Near-shore and shore recovery responses. Very good skimmer for broken ice conditions.

Auxiliary Equip: Hydraulic power pack, recovery tank

Foxtail 4-9
Desmi Skimmers
(Ocean and Harbor)

Quantity: 3 Total
Manufacturer: Desmi
Owner(s): 2 each, ACS 1 each, CPAI
Specifications:
1 each, Ocean: Nameplate Capacity: 628 BPH
Derated Capacity: 91 BPH
2 each, Harbor*: Nameplate Capacity: 440 BPH
Derated Capacity: 88 BPH
*When changed over to brush:
3 each Nameplate Capacity changes to: 171 BPH
Derated Capacity: 137 BPH
1 with brush kit

Function: The Desmi Skimmer is of weir type. Rated for recovery from offshore and near-shore environments.

Auxiliary Equip: Hydraulic hoses, discharge hoses, power pack or Quattro brush adapter
**Disc Skimmers**

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<th>Specifications:</th>
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<td></td>
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<td>1 each, Hilcorp 4 each, CPAI</td>
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<tr>
<td>Morris</td>
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<td>3 each, MI-30: Nameplate Capacity: 143 BPH Derated Capacity: 10 BPH</td>
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<td>Komora Star</td>
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<td>4 each, MI-11/24: Nameplate Capacity: 29 BPH Derated Capacity: 3 BPH</td>
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<td>10 each, Komara 30K: Nameplate Capacity: 189 BPH Derated Capacity: 10 BPH</td>
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<td>8 each, Komara 12K: Nameplate Capacity: 100 BPH Derated Capacity: 10 BPH</td>
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<td>1 each, Komara Star Heavy Oil Skimmer: Nameplate Capacity: 20 BPH Derated Capacity: 16 BPH</td>
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**Function:** Near-shore and on-shore use. This skimmer contains three sets of oleophilic (oil attracting) discs. The discs rotate down through the oil layer where free floating oil attaches to the surface of the discs. Inside the skimmer, scrapers remove the oil, which is then pumped to storage containers.

**Auxiliary Equip:** Power packs and hoses
Drum/Brush Skimmers

Quantity: 37 Total

Manufacturer: Elastec American Marine, Action Petroleum, Aqua Guard, Komara and Lamor

Owner(s): 12 each, ACS  2 each, BP  20 each, CPAI
          2 each, Caelus  2 each, Exxon  1 each, Hilcorp

Specifications: Drums range from 6.5” to 36”
                Nameplate Capacity: 33 to 314 BPH
                Derated Capacity: 26 to 110 BPH

Function: Recovery of refined fuels and crude oil from near-shore and inland waters.

Auxiliary Equip: Hydraulic or air power sources
Grooved Drum Skimmer
w/ Steam Coils and Steam Trailers

**Quantity:** 10 skimmers, 2 steam trailers

**Manufacturer:** Elastec American Marine

**Owner(s):**
- 3 each, skimmer, ACS
- 2 each, skimmer, Exxon
- 2 each, skimmer, BP
- 1 each, trailer, ACS
- 1 each, trailer Exxon

**Specifications:** Model – Magnum 100, 4-Drum skimmer

**Function:** Recovery of refined fuels and crude oil near-shore and inland waters, particularly during freeze up conditions.

**Auxiliary Equip:** Hydraulic power source and independent pump unit.
Crucial Fuzzy Disc Skimmer

Quantity: 10 Total
Manufacturer: Crucial
Owner(s): 9 each, ACS  1 each, Hilcorp
Specifications: 4 each, Model 13/24
                  6 each, Model 13/30
Function: Oil recovery from on water operations.
Auxiliary Equip: Hydraulic power unit and pump
Crucial Fuzzy Drum Skimmer

**Quantity:** 6 Total  
**Manufacturer:** Crucial  
**Owner(s):** 4 each, ACS  1 each, Hilcorp  1 each, ENI  
**Specifications:** Model #1CD18H-36  
**Function:** Oil recovery from on water operations.  
**Auxiliary Equip:** Hydraulic power unit, 3” pump
Lamor Brush Belt Skimmers and Rock Cleaners

**Quantity:** 13 Total

**Manufacturer:** Lamor

**Owner(s):**
- 1 each, MM-30, CPAI
- 8 each, MM-20, CPAI
- 2 each, Rock Cleaners, CPAI
- 2 each, LAM 12, ACS

**Specifications:**
- Nameplate Capacity: 75 to 252 BPH
- Derated Capacity: 60 to 201 BPH

**Function:** Recover diesel or crude product from the water or rock surfaces.

**Auxiliary Equip:** Hydraulic or air power sources
Skimmer Rope Mops

**Quantity:** 34 Total

**Manufacturer:** Containment Systems Corporation, Centrifugal Systems Oil Mop and Crucial

**Owner(s):**
- 16 each, ACS
- 6 each, BP
- 9 each, CPAI
- 1 each, Savant
- 2 each, Hilcorp

**Specifications:**
- Electric and diesel powered
- 4” Nameplate Capacity: 14 BPH
- Derated Capacity: 11 BPH
- 6” Nameplate Capacity: 29 BPH
- Derated Capacity: 23 BPH
- 2 each, 6” Rope Mops
- 32 each, 4” Rope Mops

**Function:** Recover hydrocarbons from shallow water, broken ice and tundra in polygonal trenches.

**Auxiliary Equip:**
- Two 4” x100’ mops, two return pulleys and one containment drum with pallet
SeaVac Heli-Skimmer

Quantity: 1 Total
Manufacturer: Kepner Products
Owner(s): ACS
Specifications:
- Nameplate Capacity: 944 BPH
- Derated Capacity: 189 BPH
Function: Advancing weir skimmer for the recovery of heavy or emulsified oils in protected waters.
Auxiliary Equip: Outboard motor, and 2”-3” trash pumps
Manta Ray Skimmers

**Quantity:** 47 Total

**Manufacturer:** Slickbar

**Owner(s):**
- 3 each, ACS
- 25 each, BP
- 16 each, CPAI
- 3 each, Hilcorp

**Specifications:**
- Nameplate Capacity: 54 BPH
- Derated Capacity: 11 BPH
- 10 Flexible
- 37 Rigid

**Function:** Recovery of thin oil layers and sheen in protected waters.

**Auxiliary Equip:** 3” Diaphragm pump or Peristaltic pump
**Vac Units**

- **Quantity:** 11 Total
- **Manufacturer:** Vikoma, Vac-U-Max
- **Owner(s):** BP and Hilcorp
- **Specifications:** 8 each, BP          3 each, Hilcorp
- **Function:** Air and diesel driven vacuum units for spill recovery inside fixed structures or flat hard surfaces.
- **Auxiliary Equip:** Air compressor or auxiliary power unit
## Mini Vac Units

**Quantity:** 5 Total

**Manufacturer:** Elastec American Marine

**Owner(s):**
- 2 each, ACS
- 1 each, Exxon
- 1 each, Hilcorp
- 1 each, CPAI
- 1 each, tank, CPAI
- 1 each, tank, Exxon

**Specifications:**
- 20 HP power unit

**Function:** Recovery of product in remote, or “off site” locations.

**Auxiliary Equip:**
- 55 gallon open top drums
- 110 gallon all-terrain tracked tank
- ATV or snow machine for transport
Air Power Units

Quantity: 3 Total
Manufacturer: Elastec American Marine
Owner(s): 1 each, ACS  2 each, CPAI
Specifications: Diesel powered
Function: Power unit designed to operate air drum skimmers as an all in one unit. Power unit equipped with air compressor and peristaltic pump.
Snow Blowers

Quantity: 6 Total
Manufacturer: Honda
Owner(s): 2 each, ACS 1 each, Hilcorp 2 each, CPAI 1 each, Caelus
Specifications: Gas operated with the ability to move up to 35 tons/hr of snow. 2.5 hours of operating time per fuel tank
Function: Remove contamination from the snow surface.
## Gas and Propane Powered Ice Augers

| Quantity:  | 41 Total |
| Manufacturer: | General Equipment Co., Ardisam, Feldman and Strike Master |
| Owner(s): | 8 each, ACS 12 each, CPAI 11 each, BP |
| | 1 each, Caelus 2 each, ENI 1 each, Savant |
| | 5 each, Hilcorp 1 each, Exxon |

### Specifications:
One and two person units

### Function:
Drill through ice to the water interface. This technique is used for product detection and recovery.

### Auxiliary Equip:
Bits and extensions
Jackhammers

Quantity: 15 Total

Manufacturer: Ingersoll Rand, Dewalt

Owner(s): 4 each, ENI 3 each, CPAI 5 each, BP
2 each, Caelus 1 each, Savant

Specifications: One and two person units
13 each, air powered
2 each, electric

Function: Break up contaminated ice or ground for recovery.

Auxiliary Equip: Compressor or generator, hose, whip check, paddles/bits, tanner gas.
Chainsaws and Ice Trenching Tools

**Quantity:** 52 Total (chainsaws)

**Manufacturer:** Stihl and Homelite

**Owner(s):**
- 12 each, ACS
- 12 each, BP
- 13 each, CPAI
- 2 each, Exxon
- 2 each, ENI
- 2 each, Caelus
- 9 each, Hilcorp

**Specifications:** 18” to 48” chainsaw bar

**Function:** Trench and remove ice for winter containment and recovery.

**Note:** Various chipping bars and ice tongs are stocked at each location.
Rube Witches

Quantity: 9 Total
Manufacturer: ACS
Owner(s): 7 each, ACS 2 each, CPAI
Specifications: 36” chainsaw bar required
Function: Cut trenches in the ice or to cut out blocks of ice to be used in recovery techniques. Provides a safe platform for chainsaw use.
 Auxiliary Equip: Stihl 056 or 066 chain saw with ice cutting chain
Containment

Section D
**Delta/River Boom**

**Quantity:** 210,575 ft.

**Manufacturer:** Elastec American Marine, Texas Boom, USA Mfg., Lamor CSI, American Boom and Prestige

**Owner(s):** 64,500 ft., ACS  60,400 ft., BP  53,825 ft., CPAI  7,950 ft., Savant  23,900 ft., Hilcorp

**Specifications:** 10”, 14” and 16” x 50’ and 75’ Sections  Delta Boom- Bottom Tension only 31,700 ft.  River Boom- Top and Bottom Tension- 178,875 ft.

**Function:** Containment and control of oil in a river environment. Pre-staged at remote river sites in connexs for airboat deployment.

**Auxiliary Equip:** Connexs, anchors and airboats
Boom Rudders

**Quantity:** 90 Total

**Manufacturer:** Envirotech

**Owner(s):** ACS

**Specifications:** 8” diameter x 80” pipe with 12” x 60” deflector wing

**Function:** River booming without the use of midpoint anchor systems.

**Auxiliary Equip:** River boom
Boom Handler

Quantity: 1 Total
Manufacturer: Seacor Environmental Products
Owner(s): ACS
Specifications: 60” Roller
Function: Recovery of oil spill containment boom.
Shore Seal Boom

**Quantity:** 21,350 ft., Total

**Manufacturer:** Texas Boom and Versa Tech

**Owner(s):**
- 16,750 ft., ACS
- 1,600 ft., CPAI
- 1,000 ft., Exxon
- 1,000 ft., ENI
- 1,000 ft., Caelus

**Specifications:** 20” x 50’ sections

**Function:** Shoreline protection or used as barriers for on land flushing operations.

**Auxiliary Equip:** Air inflator and water pump
Kepner Boom Reel Packs

**Quantity:** 34,700 ft., Total
- 20” – 5,950 ft.
- 26” – 25,750 ft.
- 32” – 2,000 ft.
- 42” – 1,000 ft.

**Manufacturer:** Kepner

**Owners:**
- 24,450 ft., ACS
- 5,000 ft., (26”), ENI
- 1,750 ft., (26”), CPAI
- 1,500 ft., (20”), Hilcorp
- 2,000 ft., (26”) Exxon

**Specifications:**
- 20” to 42” x 250’ to 1,000’ per reel

**Function:** Rapid deployment of boom from shore or support vessel.

**Auxiliary Equip:** Hydraulic power pack and hoses
NOFI Ocean Boom

- **Quantity:** 5428 ft. Total
- **Manufacturer:** Allmaritim
- **Owner(s):** ACS Hilcorp Caelus
- **Specifications:**
  - 5 each, Model 250 – 24”, 984 ft. sections
  - 2 each, Model 350 – 34”, 492 ft. sections
- **Function:** Designed for easy transportation and rapid deployment.
NOFI Harbor Buster

**Quantity:** 2 Total

**Manufacturer:** NOFI

**Owner(s):** 2 each, Hilcorp

**Size:** 89 ft. long x 50 ft. wide at the mouth

**Tow Speed:** 3 kts

**Max Volume:** Total: 3,963 gallons  In Separator: 1,321 gallons

**Function:** Designed for recovery of oil at high speeds in open water. Rear pocket separates oil from water and provides a calm recovery point for a skimmer. This can also be used in rivers of sufficient depth that do not exceed 3 kts.

**Auxiliary Equip:** Boom reel pack, power pack, blower, Boom Vane, tow vessel(s)
Ro-Boom

Quantity: 2,760 ft., Total
Manufacturer: Ro-Clean Desmi
Owner(s): 2,360 ft. Hilcorp, 400 ft. ACS
Specifications: 59” or 79”
Function: Containment of product in waters deeper than 6 ft.
Auxiliary Equip: Hydraulic power pack and hoses
Goodyear Ocean Boom

Quantity: 11,385 ft., Total

Manufacturer: Engineered Fabrics Corporation

Owner(s): ACS

Specifications: 38” to 42” inflatable

Function: Containment of product in waters deeper than 6 ft.

Auxiliary Equip: Power pack, blower and hydraulic hoses
Abasco Harbor Boom

Quantity: 2,000 ft., Total
Manufacturer: Abasco
Owner(s): CPAI
Specifications: 30” Self-inflating, high tensile strength, unsinkable
Function: Containment of product in a near-shore and offshore environment.
Lamor Boom Reel Packs

- **Quantity:** 2 Total
- **Manufacturer:** Lamor Corporation
- **Owner(s):** ACS
- **Specifications:** 50” x 1500’ per reel
- **Function:** Rapid deployment and storage of Lamor boom.
- **Auxiliary Equip:** Self contained with power pack and blower on reel. Power pack also set up to run DOP pumps.
# Boom Inflating Blowers

<table>
<thead>
<tr>
<th><strong>Quantity:</strong></th>
<th>51 Total</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Manufacturer:</strong></td>
<td>Echo, Husqvarna and Stihl</td>
</tr>
<tr>
<td><strong>Owner(s):</strong></td>
<td>36 each, ACS  5 each, CPAI  4 each, Hilcorp  2 each, Caelus  2 each, ENI  2 each, Exxon</td>
</tr>
<tr>
<td><strong>Specifications:</strong></td>
<td>388 CFM  180 Air Speed at Pipe</td>
</tr>
<tr>
<td><strong>Function:</strong></td>
<td>Boom inflation.</td>
</tr>
</tbody>
</table>
Floating Pumps 1 1/2”

Quantity: 51 Total
Manufacturer: Waterous and Hale
Owner(s): 36 each, ACS  6 each, BP
         2 each, Caelus  5 each, CPAI  2 each, ENI
Specifications: 140 GPM @ 30 psi: 200 BPH @ 30 psi
Function: Fill shoreseal boom with water.
Auxiliary Equip: Discharge hose
Pipe/Culvert Plugs

- **Quantity:** 19 Total
- **Manufacturer:** Cheme and Aero Tech Labs
- **Owner(s):** 6 each, ACS 13 each, BP
- **Specifications:** 1 - 6”, 1 - 8”, 2 - 12 to 18”, 7 - 12 to 24”, 2 - 15 to 30”, 6 - 40”
- **Function:** Block pipes or culverts to provide containment during a response.
- **Auxiliary Equip:** Air compressor and hose
Water Spray Trailer

**Quantity:** 1 Total

**Manufacturer:** Magnum Fire Systems

**Owner(s):** ACS

**Specifications:** 12’ trailer with insulated and heated housed fire pump water spray system. Powered by a 4 cylinder air cooled Deutz diesel engine and consists of a 300 gallon fresh water tank.

**Function:** Contain misted oil over a snow covered surface for mechanical recovery, particularly when high winds are expected to prevent the misted snow from blowing away.
In-Situ Burn Equipment
Helitorch Gelled Fuel Mixers

**Quantity:** 2 Total

**Manufacturer:** Simplex

**Owner(s):** ACS

**Specifications:** 300 gallons, 1 each trailer mounted and 1 each skid mounted

**Function:** Mix gelled fuel for aerial helitorches. Not DOT approved, must be filled onsite
Handheld Igniters

Quantity: Approximately 1400 each
Manufacturer: Energetex, Elastec
Owner(s): ACS
Specifications: Tin can style with hand held igniter
  Plastic container filled with gelling agent with float
Function: Hand held igniter for in-situ burning.
Auxiliary Equip: Battery pack or an ignition source, handheld flare, fuel
Fire Boom

**Quantity:** 19,900 ft., Total, (500’ of this is training boom)

**Manufacturer:** 3M, Applied Fabrics and Elastec American Marine

**Owner(s):**
- 16,100 ft., ACS
- 1,800 ft., BP
- 1,000 ft., CPAI
- 1,000 ft., Hilcorp

**Specifications:**
- Sizes ranging from 20” to 42”
  - 3 M - 10,400 ft. - 20” to 42”
  - Elastec - 6500 ft. - 27” to 33” Hydro Boom
  - Applied - 3000 ft. - 30” Pyro Boom

**Function:** Containment of product for in-situ burning.

**Auxiliary Equip:** Tow bridles and boat for deployment and means of towing 500’ of Elastec training boom, not suitable for response.
Helitorches

Quantity: 6 Total
Manufacturer: Simplex
Owner(s): ACS
Specifications: 55 gallon
Function: Ignition of hydrocarbon products during in-situ burn operations.
Auxiliary Equip: Helicopter remote control box, spare 55 gallon drums
Transfer and Storage
Barges 125 BBL

Quantity: 2 Total
Manufacturer: North Wind Marine
Owner(s): ACS
Specifications: Draft: 1’ empty, 3’ full
125 bbls, 29’ x 10’ x 5’
5,200 lbs.
Function: Storage and transportation of product from skimming vessels to off loading point.
Auxiliary Equip: Off loading pumps
Barges 249 BBL

**Quantity:** 13 Total

**Manufacturer:** Kvichak Marine Industries

**Owner(s):** 10 each, ACS 2 each, Hilcorp 1 each, Exxon

**Specifications:**
- Draft: 1’ empty, 4’ full
- 249 bbls, 40’ x 11’ x 5’6”
- 10,875 lbs.

**Function:** Storage and transportation of product from skimming vessels to off loading point.

**Auxiliary Equip:** Off loading pumps
Barge 650 BBL

**Quantity:** 1 Total

**Manufacturer:** American Eagle

**Owner(s):** ACS

**Specifications:** Draft: 1’ empty, 5’ 6” full

- 650 bbls, 62’ x 16’ x 6’ 6”
- 35,000 lbs.

**Function:** Storage and transportation of product from skimming vessels to offloading point.

**Auxiliary Equip:** Off loading pumps and hydraulic power unit
Viscous Oil Annular Injection Kits

Quantity: 4 Total
Manufacturer: Hyde and Ro-Clean Desmi
Owner(s)/Location: ACS
Specifications: 2 each, 6” annular injection rings
          1 each, 4” annular injection rings
          1 each, 3” annular injection rings
Function: Enhance viscous oil pumping capabilities.
Auxiliary Equip: Discharge hose, hydraulic power pack and water injection pump, cargo pump
Fastank/Fold-A-Tanks

Quantity: 170 Total
Manufacturer: Fast Engineering, Vikoma, Fold-A-Tank and Aero Tech
Owner(s): 31 each, ACS 29 each, BP 6 each, Savant 78 each, CPAI 6 each, Caelus 20 each, Hilcorp
Specifications: Fastank/Fold-A-Tanks/Open Top Tank 360 to 3,000 gallons
Function: Temporary storage of recovered product.
Self Rising Tanks

- **Quantity:** 48 Total
- **Manufacturer:** Canflex
- **Owner(s):** 10 each, ACS 38 each, CPAI
- **Specifications:** Self rising, 2,500 gallons
- **Function:** Temporary storage of recovered product.
Floating Tank

**Quantity:** 1 Total

**Manufacturer:** Qualitech Environmental

**Owner(s):** CPAI

**Specifications:** 2100 gallons

**Function:** This tank can be placed under a leaking pipeline that is over a body of water. The tank is secured in place with anchors. This can also be used on tundra.
Upright Tank

Quantity: 1 Total
Manufacturer: ConocoPhillips
Owner(s): CPAI
Specifications: 16,800 gallons: 400 bbls, plus approximately 150 additional tanks available on the Slope ranging in size from 40 to 500 bbls.
Function: Storage of recovered product and flushing operations.
**Bladders**

**Quantity:** 22 Total

**Manufacturer:** Canflex and Areo Tech Labs

**Owner(s):**
- 8 each, 1,320 gal., ACS
- 6 each, 2,640 gal., ACS
- 3 each, 500 gal., CPAI
- 5 each, 5,000 gal., CPAI

**Specifications:** 500 to 5,000 gallons, Towable, Pillow, Tow/Lift

**Function:** Store and transport recovered product.

**Auxiliary Equip:** Boat, helicopter
Heavy Oil Pumps

Quantity: 21 Total
Manufacturer: Desmi, Lamor and Elastec American Marine
Owner(s): 18 each, ACS  2 each, BP  1 each, CPAI
Specifications: 3”- 2 each, 110 GPM, 65 BPH  
3”- 2 each, 132 GPM, 98 BPH  
6”- 17 each, 628 GPM, 942 BPH
Function: Transferring heavy oils.
Auxiliary Equip: Hydraulic power pack, double hose reel with discharge and hydraulic hoses. Light oil adapter and water injection kits.
Air Diaphragm Pumps

½”, 1”, 2” and 3”

Quantity: 20 Total
Manufacturer: Warren-Rupp, Wilden and Ingersoll-Rand
Owner(s): 6 each (1/2”), Exxon 6 each (1”), Exxon
          6 each (2”), Exxon 1 each (3”), CPAI
          1 each (2”), ENI
Specifications: 15 to 260 GPM, 371 BPH
Function: Transfer of product from a recovery point to a set storage area.
Auxiliary Equip: Air compressor, air hose and suction/discharge hose
Diesel/Hydraulic Diaphragm Pumps 2” and 3”

Quantity: 50 Total
Manufacturer: Yanmar and Gomann Rupp
Owner(s): 32 each, ACS  4 each, Hilcorp  7 each, CPAI
          2 each, ENI  1 each, Caelus  4 each, Exxon
Specifications: 3 each, 2” diesel pumps  1 each, 2” hydraulic pump
               40 each, 3” diesel pumps  6 each, 3” hydraulic pumps
               86-100 GPM, 123-142 BPH
Function: Transfer of product from a recovery point to a set storage area.
Auxiliary Equip: Suction and discharge hose
Gas Diaphragm Pumps 3”

Quantity: 12 Total
Manufacturer: Honda and Homelite-Textron
Owner(s): 2 each, BP 9 each, CPAI 1 each, Hilcorp
Specifications: 80 GPM, 85 BPH
Function: Transfer of product from a recovery point to a set storage area.
Auxiliary Equip: Suction and discharge hose
Diesel/Hydraulic Peristaltic Pumps 2”, 2 ½”, and 3”

Quantity: 18 Total
Manufacturer: Diesel America West and Salaroll
Owner(s): 7 each, ACS 3 each, BP 1 each, Caelus
1 each, ENI 5 each, CPAI 1 each, Hilcorp
Specifications: 53-115 GPM, 75-164 BPH
Function: Transfer of product from a recovery point to a set storage area.
Auxiliary Equip: Suction and discharge hose
**Sykes Univac Diesel Pump 3”**

**Quantity:** 1 Total  
**Manufacturer:** Sykes  
**Owner(s):** ACS  
**Specifications:** 340 GPM, 485 BPH  
**Function:** Transfer of product from a recovery point to a set storage area.  
**Auxiliary Equip:** Suction and discharge hose
Centrifugal Pumps 2”, 3” and 4”

Quantity: 112 Total
Manufacturer: Yanmar, Gorman-Rupp, Elastec American Marine, Diesel America West, Multi-Quip and Honda
Owner(s): 50 each, ACS 11 each, BP 27 each, CPAI
1 each, Caelus 1 each, ENI 2 each, Savant
12 each, Hilcorp 8 each, Exxon
Specifications: 2 each, 1”, 32 GPM, 46 BPH Gas
2 each, 1 ½”, 74 GPM, 106 BPH Gas
29 each, 2” up to 220 GPM, 314 BPH
54 each, 3” up to 340 GPM, 485 BPH
17 each, 4” 370-750 GPM, 528-1071 BPH
8 each, 4” Fire Boom Pumps, Elastec American Marine
Function: Transfer of product from a recovery point to a set storage area.
Auxiliary Equip: Suction and discharge hose
Emergency Dewatering Pumps

2”

Quantity: 6 Total
Manufacturer: Ohler Machinery
Owner(s): ACS
Specifications: 230 GPM, 329 BPH
Function: Emergency dewatering pump for vessels in distress.
Auxiliary Equip: Suction and discharge hose
Logistics Support Equipment
**Centaur 950DT**

**Quantity:** 3 Total

**Manufacturer:** Ontario Drive and Gear Limited

**Owner(s):** 2 each, CPAI 1 each, Hilcorp

**Specifications:** Diesel powered amphibious tracked vehicle.

**Function:** All-season cross-country transportation of equipment and personnel.

**Auxiliary Equip:** Trailer, electric winch
4-Wheelers

**Quantity:** 11 Total

**Manufacturer:** Honda and Can-Am

**Owner(s):** 4 each, BP 3 each, CPAI 4 each, Hilcorp

**Specifications:** Gasoline ATV 300cc to 500cc

**Function:** Transportation of equipment.

**Auxiliary Equip:** Snow plow, trailers on wheels, trailers on skis and an electric winch
**Kubotas with Tracks**

**Quantity:** 12 Total  
**Manufacturer:** Kubota  
**Owner(s):** 5 each, ACS  3 each, BP  1 each, Exxon  
1 each, ENI  1 each, Caelus  1 each, Hilcorp  
**Specifications:** 3 cylinder diesel (22 - 25HP)  
**Function:** Transportation of equipment.  
**Auxiliary Equip:** Snow plow, electric winch, trailers
**Tucker Sno-Cat**

- **Quantity:** 1 Total
- **Manufacturer:** Tucker Terra
- **Owner(s):** 1 each, Exxon
- **Specifications:** Model: 1643E-26-G
  - 14 person
  - 100 gallon fuel tank, 14,000 lbs.
- **Function:** Transportation of personnel and equipment.
- **Auxiliary Equip:** Snow plow, electric winch, trailers
Bobcat Tool Cat 5600

Quantity: 1 Total
Manufacturer: Bobcat
Owner(s): CPAI
Specifications: 4x4 All Terrain Vehicle with 40 plus attachments
Function: Daily use for spill response/cleanup, moving/lifting equipment, snow removal and transportation around the pad. It can call 2,000 lbs. in cargo box and tow 4,000 lbs. plus lift over 1,500 lbs. to a height of 7 feet.
Auxiliary Equip: Hydraulic concrete/ice breaker, two types of snow/ice/gravel scrapers, bucket, forks, pintle hitch, and a sweeper.
Snow Machines and Sleds

**Quantity:** 40 Total snow machines and 37 Total sleds

**Manufacturer:** SKI-DOO

**Owner(s):**
- 8 each, snow machines, ACS
- 4 each, snow machines, Exxon
- 12 each, snow machines, CPAI
- 6 each, snow machines, BP
- 2 each, sled, Caelus
- 8 each, sled, CPAI
- 3 each, sled, ENI
- 6 each, snow machines, Hilcorp
- 2 each, snow machines, Exxon
- 2 each, snow machines, Caelus
- 2 each, snow machines, ENI
- 3 each, sled, Exxon
- 4 each, sled, BP
- 14 each, sled, ACS
- 3 each, sled, Hilcorp

**Specifications:** Short and long track 250cc to 660cc

**Function:** Transportation of equipment and personnel.
Muck Truck Motorized Wheelbarrow

**Quantity:** 2 Total

**Manufacturer:** Muck Truck USA

**Owner(s):** ACS

**Specifications:**
- Model: Max-truck® with Honda GXV 4.3 HP 4-stroke engine.
- Peerless 4 forward 1 reverse transmission
- Speed: 0-3.5 mph
- Capacity of 8 cu/ft. – 800 lbs. carrying capacity
- Dimensions: Length 63” x Width 28” x Height 36”
- Weight: 280 lbs.
- Traction: 4 Wheel drive.

**Function:** Transport contaminated material from the spill site to the collection area.
Passenger/Work Vehicles

Quantity: 12 Total
Manufacturer: Ford Motor Company and Chevrolet
Owner(s): ACS
Function: Logistical support for spills and ACS daily activities.
14 Passenger Bus

**Quantity:** 1 Total

**Manufacturer:** Ford Motor Company

**Owner(s):** ACS

**Function:** Logistical support for spills and ACS daily activities.
Medium Duty Flatbed

**Quantity:** 1 Total
**Manufacturer:** Freightliner
**Owner(s):** ACS
**Specifications:** 2009 Freightliner, 330 HP Diesel, 4 x 4, 22' flatbed, extended cab
**Function:** Logistical support for day-to-day operations and spill response activities.
Truck Tractors

**Quantity:** 2 Total

**Manufacturer:** Peterbuilt Autocar

**Owner(s):** 1 each, ACS 1 each, BP

**Specifications:** Triple-axle tractor

**Function:** Logistical support for day-to-day operations and spill response activities.

**Auxiliary Equip:** 40’ flat bed cargo trailer, 50’ step deck equipment trailer
Boom Trucks

Quantity: 2 Total
Manufacturer: GMC and International
Owner(s): 1 each, ACS 1 each, BP
Function: Logistical support for day-to-day operations and spill response activities.
Mechanics’ Trailers

**Quantity:** 2 Total  
**Manufacturer:** Haulmark and Wells Cargo  
**Owner(s):** 1 each, ACS  
**Function:** Mobile maintenance shop for field support.  
**Auxiliary Equip:** 6kw generator, electric air compressor and various hand tools
Dump Truck

Quantity: 1 Total
Manufacturer: Autocar
Owner(s): BP
Function: Transport contaminated material from spill sites.
Dempster System Equipped Trucks

Quantity: 2 Total
Manufacturer: Volvo
Owner(s): 1 each, BP 1 each, CPAI
Specifications: Dempster hydraulic system
Function: Transport staging, related equipment and contaminated material to and from spill sites.
Auxiliary Equip: Dempster equipment system, dump box, connex flat
Skid Steer Loaders

Quantity: 11 Total
Manufacturer: Bobcat and Caterpillar
Owner(s): 7 each, ACS   2 each, CPAI
          1 each, ENI   1 each, Exxon
Specifications: 1 each, Model: 299 DXHP
               7 each, Model: MT-55
               1 each, Model: T320-G
               1 each, Model: T250-G
               1 each, Model: T200-G
Function: Performs various functions needed for spill response and field support.
Auxiliary Equip: Trencher, forks, bucket, auger, sweeper, trimmer, scratcher, jack hammer, snow blower and pintle hitch
Warehouse Fork Lifts

**Quantity:** 3 Total

**Manufacturer:** Caterpillar, Hyster and Clark

**Owner(s):** ACS

**Specifications:**
- Hyster: 1 each, 7,000 lbs. lifting capacity
- Caterpillar: 1 each, 6,000 lbs. lifting capacity
- Clark: 1 each, 9,000 lbs. lifting capacity

**Function:** Move and load equipment for day-to-day operations and response activities.

**Auxiliary Equip:** Pintle hitch attachment and man basket
Front End Loaders

w/ attachments

**Quantity:** 2 Total

**Manufacturer:** Volvo L90-E, and Volvo L110H

**Owner(s):** 2 each, ACS

**Specifications:**
- Volvo L90E – 22,280 lbs. lifting capacity
- Volvo L110H – 22,280 lbs. lifting capacity

**Function:** Move and load equipment for day-to-day operations, response activities and snow removal.

**Auxiliary Equip:** Forks, bucket and pintle hitch attachment, snow plow, scratcher
Mobile Command Centers

**Quantity:** 3 Total

**Manufacturer:** Miscellaneous Builders

**Owner(s):** 1 each, ACS  1 each, Alyeska  1 each, BP

**Function:** Provides a center of operations and communications at spill locations.

**Auxiliary Equip:** Diesel generator, tractor trailer or truck with dempster system
Staging Area Manager Offices

Quantity: 4 Total
Manufacturer: ATCO and Homemade
Owner(s): 2 each, BP 1 each, CPAI 1 each, Hilcorp
Specifications: 16’ to 40’
Function: Staging Area Managers’ offices.
Auxiliary Equip: Computer and generator
Winter Response Vans

**Quantity:** 2 Total  
**Manufacturer:** Wells Cargo  
**Owner(s):** BP  
**Specifications:** 20’ to 25’  
**Function:** Designed to transport containment and recovery equipment for initial winter response operations.  
**Auxiliary Equip:** Tow vehicle and generator
Tanker Rollover Van

**Quantity:** 1 Total

**Manufacturer:** Wells Cargo

**Owner(s):** BP

**Specifications:** 20’

**Function:** All in one rapid response trailer for source control and recovery of product in a rolled over tanker.

**Auxiliary Equip:** Tow vehicle
Steam Van

**Quantity:** 1 Total
**Manufacturer:** Spill Buster
**Owner(s):** CPAI
**Specifications:** 24’
**Function:** All in one response van that contains equipment to conduct high pressure hot water cleaning
**Auxiliary Equip:** Dempster system equipped truck
Warm Up/Break Shacks

Quantity: 6 Total
Manufacturer: Arctic Structures, ATCO and Homemade
Owner(s): 2 each, ACS 2 each, BP 1 each, CPAI
1 each, Exxon
Specifications: 20’ to 40’
Function: Provide area for responders to warm up and take breaks.
Auxiliary Equip: Generator
Portable Shelters

Quantity: 53 Total

Manufacturer: Hanson, Zumro, Air-Lite and Eureka

Owner(s): 24 each, ACS 14 each, BP 1 each, Savant
          1 each, Caelus 11 each, CPAI 1 each, ENI
          1 each, Exxon

Specifications: Sizes vary from 7’ x 8’, 12’ x 10’, 12’ x 15’, 13’ x 16’ and 12’ x 20’, 26’ x 64’, 12’ x 12’, 13’ x 21’

Function: Protection from environmental conditions for equipment and personnel.

Auxiliary Equip: Flooring and stoves are available for some styles, Zodi tent heater
Portable Shops

**Quantity:** 2 Total

**Manufacturer:** Homemade and Griffard Steel Inc.

**Owner(s):** ACS

**Specifications:**
- 10’ w x 21’ l x 11.5’ h  door 103” wide x 96” high  15,000 lbs.
- 14’W x 48.5’L 15.5’H  Door 30,000 lbs.

**Function:** Protection from environmental conditions for equipment maintenance and repair.

**Auxiliary Equip:** Generator, heater
Portable Restroom Units

Quantity: 16 Total
Manufacturer: Arctic Structures, Britco, AMERI-CAN Engineering, Polyjohn, Sealand and Envirovac
Owner(s): 2 each, Envirovac, ACS 2 each, Envirovac, BP
5 each, Portable toilets, CPAI 2 each, Portable toilets, BP
4 each, Portable toilets, ACS 1 each, Envirovac, CPAI
Specifications: 24’ to 33’ long, male/female capable
Function: Provide on-site restroom facilities during response operations.
Auxiliary Equip: Generator
### Indirect Fired Heaters

- **Quantity:** 11 Total
- **Manufacturer:** Tioga, Jetheat, Industrial Commercial, Equipment Source, Arcotherm, Zodi Outback Gear
- **Owner(s):** 8 each, ACS 3 each, CPAI
- **Specifications:**
  - 2 each, 70,000 BTU
  - 1 each, 380,000 BTU
  - 3 each, 420,000 BTU
  - 1 each, 500,000 BTU
  - 1 each, 600,000 BTU
  - 2 each 700,000 BTU
  - 1 each, 770,000 BTU
- **Function:** Heating work areas and equipment.
Under Water Drop Lights

Quantity: 10 Total
Manufacturer: Deep Sea Power and ACS
Owner(s): 6 each, ACS 2 each, CPAI 2 each, ENI
Specifications: Sealed drop light designed for use in water
Function: View oil pockets and movement under ice for winter recovery operations.
Auxiliary Equip: Generator
Light Plants and Stands

**Quantity:** 47 Total

**Manufacturer:** Hubbel-Cat, Allmand, Fostoria, Construction Electrical, Bemis, Allman Bros., and Pelican

**Owner(s):**
- 25 each, ACS
- 4 each, BP
- 7 each, CPAI
- 4 each, ENI
- 2 each, Caelus
- 1 each, Savant
- 2 each, Hilcorp
- 2 each, Exxon

**Specifications:**
- 8 each, 2 light stands (2000 w)
- 5 each, 4 light stands (2000 w)
- 1 each, light plant (5,000 w)
- 18 each, single light stands (1,000 w)
- 6 each, double light stands (500 w)
- 3 each, 2 light (1000 w) with tripod
- 1 each, 3 light stand (1500 w)
- 2 each, 1 light stand (LED 16 w & 72 w)
- 2 each, 2 light stands (LED 70 w)
- 1 each, 4 light stand (LED 96 w)

**Function:** Illumination for night time response operations.

**Auxiliary Equip:** Generator, extension cord

105
Diesel Generators (various)

Quantity: 68 Total
Manufacturer: Diesel America West, KEM Equipment, Deutz, F. G. Wilson, Ingersoll Rand, Pacific Detroit Diesel, Kubota, AK Diesel West, ONAN, ESI, Winco, Cummins, and Magnum
Owner(s): 37 each, ACS 19 each, CPAI 2 each, Exxon
4 each, BP 6 each, Hilcorp
Specifications: 11-2 kw, 6-3 kw, 14-4 kw, 5-5 kw, 12-6 kw, 6-10 kw, 2-12 kw, 1-13 kw, 2-15 kw, 3-17 kw, 1-25 kw, 2-40 kw, 3-45 kw, 1-60 kw
Function: Electrical power for various pieces of response equipment.
Auxiliary Equip: Power Splitter
Gas Generators (various)

**Quantity:** 48 Total

**Manufacturer:** Honda, Yamaha, and Powermate

**Owner(s):**
- 11 each, ACS
- 16 each, CPAI
- 13 each, BP
- 2 each, Caelus
- 4 each, Exxon
- 2 each, ENI

**Specifications:**
- 2-1 kw
- 21-2 kw
- 7-3 kw
- 11-4 kw
- 2-5 kw
- 3-7 kw

**Function:** Electrical power for various pieces of response equipment.
Air Compressors

Quantity: 12 Total
Manufacturer: Atlas Copco, Diesel America West, Devilbiss, Dayton, Napa, Maxus, Dewalt, Ingersoll Rand, and Speedaire
Owner(s): 2 each, (diesel), ACS 5 each, (electric), ACS 3 each, (electric) CPAI 1 each, (gas), BP 1 each, (diesel), BP
Specifications: 60 - 125 CFM
Function: Provide industrial air service for response activities.
Auxiliary Equip: Air hose
20’ and 40’ Connex

Quantity: 444 Total
Manufacturer: Various
Owner(s): 20’- 201 each, ACS 20’- 28 each, Hilcorp 20’- 71 each, CPAI
20’- 12 each, ENI 20’- 8 each, Caelus 20’- 4 each, Savant
20’- 53 each, BP 20’- 4 each, Exxon
40’- 5 each, ACS 40’- 3 each, BP 40’- 12 each, CPAI
40’- 7 each, ENI 40’- 8 each, Hilcorp

Specifications: 381 each, 20’ connex 18 each, 6’ connex
35 each, 40’ connex 10 each, 10’ connex

Function: Material or boom storage.
Portable Fuel Tanks

**Quantity:**
16 Total

**Manufacturer:**
Greer Tank and Western International

**Owner(s):**
9 each, ACS  2 each, Hilcorp
1 each, Caelus  4 each, CPAI

**Specifications:**
1 each, 100 gallons
1 each, 200 gallons
1 each, 300 gallons
1 each, 350 gallons
12 each, 500 gallons

**Function:**
Fueling support for either gasoline or diesel engines.
Communications
Portable Communications Towers

- **Quantity:** 2 Total
- **Manufacturer:** Aluma Tower Company
- **Owner(s):** ACS
- **Specifications:** 75’ Tower
- **Function:** Daily and oil spill response communications.
Portable Communications Shelters

Quantity: 2 Total
Manufacturer: Vertex Plastics
Owner(s): ACS
Function: Transportation of communications shelter to be used for expansion of oil spill radio channel coverage.
Auxiliary Equip: 4.0 kw diesel generator and 18’ trailer
Handheld Radios

Quantity: 317 Total
Manufacturer: Motorola and ICOM
Owner(s): 270 each, ACS  2 each, Hilcorp
1 each, Caelus  44 each, CPAI
Specifications: 24 each, UHF-ACS  24 each, UHF-CPAI
13 each, Harmony-ACS
229 each, VHF-ACS  20 each, VFH-CPAI
4 each, VHF marine-ACS, 2 each VHF marine- Hilcorp
1 each, VHF marine-Caelus
Function: Daily and oil spill response communications.
Auxiliary Equip: Charger, repeater, gap filler and translator
Iridium Phones

Quantity: 23 Total
Manufacturer: Motorola, Beam Communications, and Iridium
Owner(s): ACS
Specifications: 3 each, marine
20 each, handheld
Function: Satellite telephone communications/internet and e-mail capabilities.
Auxiliary Equip: Chargers, external antenna, SIMMS card
Mobile Radios

**Quantity:** 195 Total

**Manufacturer:** General Electric, Motorola, Horizon Titan, ICOM, Motorola, Regency and Standard

**Owner(s):**
- 155 each, ACS
- 3 each, Caelus
- 10 each, Hilcorp
- 3 each, UHF-ACS
- 117 each, VHF-ACS
- 11 each, VHF-CPAI
- 2 each, VHF-Caelus
- 6 each, VHF marine-Hilcorp
- 6 each, VHF marine-Exxon
- 8 each, BP
- 13 each, CPAI
- 9 each, Exxon
- 7 each, VHF-BP
- 3 each, VHF-Exxon
- 4 each, VHF-Hilcorp
- 2 each, VHF marine-CPAI
- 33 each, VHF marine-ACS
- 1 each, VHF marine-Caelus

**Specifications**

**Function:** Marine, daily and oil spill response communications.
GPS

**Quantity:** 167 Total

**Manufacturer:** Furuno, Echotec, Garmin, and Lowrance

**Owner(s):**
- 70 each, ACS
- 29 each, BP
- 25 each, CPAI
- 6 each, Caelus
- 2 each, Savant
- 28 each, Hilcorp
- 6 each, Exxon
- 1 each, ENI

**Specifications:** Marine/handheld/plotter/GPS, radar

Handheld 95    Marine 71

**Function:** Navigation and delineation.

**Auxiliary Equip:** AA batteries, mag mount antenna
Gap Fillers

Gap Filler | Translator

Quantity: 6 Total
Manufacturer: Codan Radio Communications and Daniels
Owner(s): ACS
Specifications: 4 each, repeaters
2 each, translators
Function: Extend radio coverage.
Auxiliary Equip: 12 volt automotive battery
Radio Winter Drilling Kits

Quantity: 8 Total Kits
Manufacturer: ACS
Owner(s): ACS
Specifications: Per Kit: 3 each, VHF handhelds
Per Kit: 1 each, VHF mobile
Per Kit: 1 each, cellular bag phone
Function: Communications kit for remote drilling support.
Auxiliary Equip: Charger, mag mount antenna and spare batteries
Pinniped Enclosure

- Quantity: 2 Total
- Manufacturer: Alaska Sea Life Center
- Owner(s): ACS
- Specifications: 15’ Diameter x 4’ High
- Function: Storage area for captured Pinniped.
Bear Cages

**Quantity:** 4 Total
**Manufacturer:** A&K Iron Works, BP Exploration and CPAI
**Owner(s):**
- 1 each, CPAI
- 2 each, BP
- 1 each, US Fish and Wildlife
**Specifications:**
- 1 each, 3 piece unit
- 2 each, trailer mounted unit
- 1 each, single cage
**Function:** Storage area for captured bear.
Net Launchers

Quantity: 4 Total
Manufacturer: Coda Enterprises and Winchester
Owner(s): 1 each, ACS 1 each, BP 1 each, ENI 1 each, CPAI
Specifications: .308 Winchester shell/blank for launching net
Function: Capture wildlife.
Auxiliary Equip: .308 Blanks and net
Wildlife Kits (capture and hazing)

**Quantity:** 27 Total

**Manufacturer:** Alaska Clean Seas

**Owner(s):**
- 20 each, (hazing and capture) ACS
- 1 each, (hazing) Hilcorp
- 3 each, (hazing) CPAI
- 1 each, (hazing) Caelus
- 2 each, (hazing) BP

**Specifications:**
- 17 each, wildlife hazing kits
- 10 each, capture kits

**Function:** Capture contaminated wildlife for rehabilitation and haze animals away from contaminated areas.
12 Gauge Shot Guns

Quantity: 21 Total
Manufacturer: New England Firearms and Remington
Owner(s): 11 each, ACS 7 each, CPAI 2 each, Caelus 1 each, ENI
Specifications: 9 each, New England Firearms single shot
  12 each, Remington Model 870 pump
Function: Wildlife hazing.
Auxiliary Equip: Cracker shells, bangers and slugs
Bird Stabilization Center

Quantity: 1 Total
Manufacturer: Alaska Clean Seas
Owner(s): ACS
Specifications: 2 connecting units
Each section is portable and can be moved individually by truck or C-130
Function: Decontamination and rehabilitation of wildlife. The construction of the center enables it to be transported to any location on or off the North Slope.
Bird Scare Devices

**Quantity:**
71 Total

**Manufacturer:**
Dazon BV Maastricht, Breco, Reed Joseph, Bird Gard, and Feather-Light Tech

**Owner(s):**
- 47 each, propane, ACS
- 2 each, propane, ENI
- 10 each, electronic, Hilcorp
- 1 each, laser, BP
- 3 each, propane, BP
- 7 each, propane, CP
- 1 each, electronic, BP

**Specifications:**
- 59 each, propane cannons
- 1 each, laser
- 11 each, electronic

**Function:**
Wildlife hazing.

**Auxiliary Equip:**
Propane tank and receiver unit for electronic units. Battery for testing.
Misc.
Metocean Spill Tracking Systems

**Tracking Buoy**

**Quantity:** 34 Total

**Manufacturer:** Metocean

**Owner(s):** 24 each, Tracking Buoy, ACS

2 each, Tracking Buoy, ENI

8 each, Ice Beacons, Hilcorp

**Specifications:**

**Function:** Tracking oil spills in offshore currents and broken ice conditions.

**Auxiliary Equip:** Computer and software

**Ice Beacon**
Ground Penetrating Radar System

**Quantity:** 1 Total

**Manufacturer:** Sensors & Software Inc.

**Owner(s):** ACS

**Specifications:** Model Pulse EKKO Pro

**Function:** Ice profiling, determination of ice thickness and detection of spilled oil under ice

**Auxiliary Equip:** (2) Transmitter and receiving units
Hydraulic Power Units (various)

Quantity: 155 Total
Manufacturer: Various
Owner(s): 76 each, ACS 21 each, BP 30 each, CPAI
2 each, Caelus 6 each, ENI 6 each, Exxon
14 each, Hilcorp
Specifications: Varies for purpose
Function: Power boom deployment and recovery systems.
Auxiliary Equip: Hydraulic hoses and possibly remote controller
Mega Secure Dams

- **Quantity:** 8 Total
- **Manufacturer:** Mega Secure Dams, Models WA2825, WA2850, and WA3950
- **Owner(s):**
  - 4 each, 25’, BP
  - 2 each, 50’, ACS
  - 2 each, 50’ and 30’, Exxon
- **Specifications:**
  - 50’ x 28”
  - 25’ x 28”
  - 50’ x 39”
  - 30’39”
- **Function:** Water gate to slow current in small streams to aid in recovery operations.
- **Accessories:** PVC pipe can be placed under dam to create an underflow dam
## CONTACT INFORMATION

### 24-HOUR Emergency Number
(907) 659-2405
www.alaskacleanseas.org

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