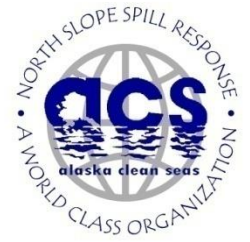


# ALASKA CLEAN SEAS

## Spill Response Equipment Catalog 2022



**Printing Instructions:**

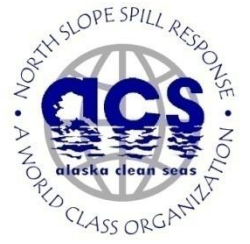
For best results, set to print in color, two-sided, 8 ½ x 11 inch Letter paper. The inserted blank pages will allow each section break to begin on an odd page.

# Membership of ACS



Eni Petroleum





This page intentionally left blank.





## 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 except Alyeska was consolidated, which brought it all into one tracking and maintenance system.

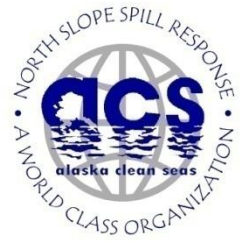
Spill response equipment warehouses, storage yards, and satellite areas are strategically located in each operating field and at two separate locations in Deadhorse. With assistance from ACS Base, field-assigned ACS technicians support the operating area facilities and sites; while the Deadhorse locations 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 either ACS Base in Deadhorse/Marine or mechanics at Alpine and Kuparuk. These shops perform complex maintenance tasks and maintain 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.

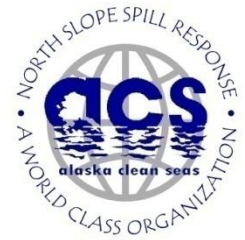
Currently, the value of dedicated spill response equipment warehoused under ACS management exceeds \$75 million. ACS owns roughly half of this equipment while the Member Companies own the other half. With the exception of repair or maintenance costs, all ACS owned equipment is available to Member Companies 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.

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 there be any questions regarding the equipment, please contact us at (907) 659-2405.



This page intentionally left blank.



# Table Of Contents

## **Safety**

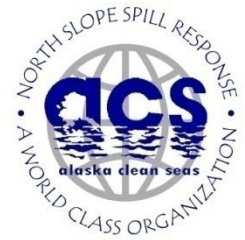
|  |        |
|--|--------|
| Meters   | Page 1 |
| Automated External Defibrillators (AEDs)   | Page 2 |
| Emergency Locater Beacons (EPIRB) and Global Position Indicating Radio Beacons (GPIRB) | Page 3 |
| Life Rafts   | Page 4 |
| Dry Decons   | Page 5 |
| Wet Decons   | Page 6 |

## **Vessels and Accessories**

|                          |         |
|--------------------------|---------|
| Agviq                    | Page 7  |
| Big Dipper               | Page 8  |
| Point McIntyre           | Page 9  |
| Bay Boats                | Page 10 |
| Fireweed and Arctic Rose | Page 11 |
| Deployer and Retriever   | Page 12 |
| Island Boats             | Page 13 |
| Bullet and Snow White    | Page 14 |
| Large Landing Crafts     | Page 15 |
| Small Landing Crafts     | Page 16 |
| Near-shore Work Boats    | Page 17 |
| Airboats                 | Page 18 |
| Outboards                | Page 19 |

## **Recovery Equipment**

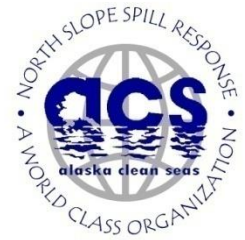
|                          |         |
|--------------------------|---------|
| LORI Brush Skimmers      | Page 20 |
| Vikoma Weir Skimmers     | Page 21 |
| Foxtail Rope Mop Skimmer | Page 22 |



## Table Of Contents - Continued

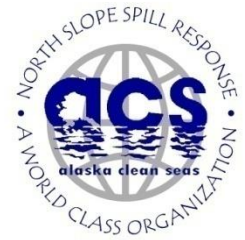
|   |                  |
|---|------------------|
| Desmi Skimmers (Ocean and Harbor)                     | Page 23          |
| Disc Skimmers   | Page 24          |
| Drum/Brush Skimmers                                   | Page 25          |
| Grooved Drum Skimmer w/Steam Coils and Steam Trailers | Page 26          |
| Crucial Fuzzy Disc Skimmer                            | Page 27          |
| Crucial Fuzzy Drum Skimmer                            | Page 28          |
| Lamor Brush Belt Skimmer and Rock Cleaners            | Page 29          |
| Skimmer Rope Mops                                     | Page 30          |
| SeaVac Heli-Skimmer                                   | Page 31          |
| Manta Ray Skimmers                                    | Page 32          |
| Vac Units   | Page 33          |
| Mini Vac Units  | Page 34          |
| Air Power Units                                       | Page 35          |
| Snow Blowers  | Page 36          |
| Ice Augers  | Page 37          |
| Jackhammers   | Page 38          |
| Chainsaws and Ice Trenching Tools                     | Page 39          |
| Rube Witches  | Page 40          |
| <b>Containment</b>                                    | <b>Section D</b> |
| Delta/River Boom                                      | Page 41          |
| Boom Rudders  | Page 42          |
| Boom Handler  | Page 43          |
| Shore Seal Boom                                       | Page 44          |
| T-Fence Boom  | Page 45          |
| Kepner Boom Reel Packs                                | Page 46          |





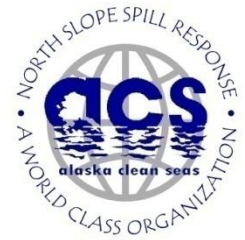
## Table Of Contents - Continued

|                                    |                  |
|------------------------------------|------------------|
| NOFI Ocean Boom                    | Page 47          |
| NOFI Harbor Buster                 | Page 48          |
| Ro-Boom                            | Page 49          |
| Goodyear Ocean Boom                | Page 50          |
| Abasco Harbor Boom                 | Page 51          |
| Lamor Boom Reel Packs              | Page 52          |
| Boom Inflating Blowers             | Page 53          |
| Floating Pumps - 1 ½ "             | Page 54          |
| Pipe/Culvert Plugs                 | Page 55          |
| Water Spray Trailer                | Page 56          |
| <b>In-Situ Burn Equipment</b>      | <b>Section E</b> |
| Helitorch Gelled Fuel Mixers       | Page 57          |
| Handheld Igniters                  | Page 58          |
| Fire Boom                          | Page 59          |
| Helitorches                        | Page 60          |
| <b>Transfer and Storage</b>        | <b>Section F</b> |
| Barges 125 BBL                     | Page 61          |
| Barges 249 BBL                     | Page 62          |
| Barge 650 BBL                      | Page 63          |
| Viscous Oil Annular Injection Kits | Page 64          |
| Fastank/Fold-A-Tanks               | Page 65          |
| Self Rising Tanks                  | Page 66          |
| Floating Tank                      | Page 67          |
| Upright Tank                       | Page 68          |
| Bladders                           | Page 69          |



## Table Of Contents - Continued

|   |                  |
|---|------------------|
| Heavy Oil Pumps                                     | Page 70          |
| Air Diaphragm Pumps 0.5" to 3"                      | Page 71          |
| Diesel/Hydraulic Diaphragm Pumps 2" and 3"          | Page 72          |
| Gas Diaphragm Pumps 3"                              | Page 73          |
| Diesel/Hydraulic Peristaltic Pumps 2" , 2 ½" and 3" | Page 74          |
| Sykes Univac Diesel Pumps 3"                        | Page 75          |
| Centrifugal Pumps 2", 3" and 4"                     | Page 76          |
| Emergency Dewatering Pumps 2"                       | Page 77          |
| <b>Logistics Support Equipment</b>                  | <b>Section G</b> |
| Centaur 950DT                                       | Page 78          |
| 4-Wheelers  | Page 79          |
| Kubotas with Tracks                                 | Page 80          |
| Tucker Sno-Cat                                      | Page 81          |
| Bobcat Tool Cat 5600                                | Page 82          |
| Snow Machines and Sleds                             | Page 83          |
| Muck Truck Motorized Wheelbarrow                    | Page 84          |
| Passenger/Work Vehicles                             | Page 85          |
| 14 Passenger Bus                                    | Page 86          |
| Medium Duty Flatbed                                 | Page 87          |
| Truck Tractors                                      | Page 88          |
| Boom Trucks   | Page 89          |
| Mechanics' Trailers                                 | Page 90          |
| Dump Truck  | Page 91          |
| Dempster System Equipped Trucks                     | Page 92          |
| Skid Steer Loaders                                  | Page 93          |
| Warehouse Fork Lifts                                | Page 94          |



## Table Of Contents - Continued

|                                  |                  |
|----------------------------------|------------------|
| Front End Loaders w/attachments  | Page 95          |
| Mobile Command Centers           | Page 96          |
| Staging Area Manager Offices     | Page 97          |
| Winter Response Vans             | Page 98          |
| Tanker Rollover Van              | Page 99          |
| Steam Van                        | Page 100         |
| Warm Up/Break Shacks             | Page 101         |
| Portable Shelters                | Page 102         |
| Portable Shops                   | Page 103         |
| Portable Restroom Units          | Page 104         |
| Indirect Fired Heaters           | Page 105         |
| Under Water Drop Lights          | Page 106         |
| Light Plants and Stands          | Page 107         |
| Diesel Generators (various)      | Page 108         |
| Gas Generators (various)         | Page 109         |
| Air Compressors                  | Page 110         |
| 20' and 40' Connex               | Page 111         |
| Portable Fuel Tanks              | Page 112         |
| <b>Communications</b>            | <b>Section H</b> |
| Portable Communications Towers   | Page 113         |
| Portable Communications Shelters | Page 114         |
| Handheld Radios                  | Page 115         |
| Iridium Phones                   | Page 116         |
| Mobile Radios                    | Page 117         |
| GPS                              | Page 118         |
| Gap Fillers                      | Page 119         |
| Radio Winter Drilling Kits       | Page 120         |



## Table Of Contents - Continued

### Wildlife

|                                   |          |
|-----------------------------------|----------|
| Pinniped Enclosure                | Page 121 |
| Bear Cages                        | Page 122 |
| Net Launchers                     | Page 123 |
| Wildlife Kits(capture and hazing) | Page 124 |
| PepperBall Gun                    | Page 125 |
| 12 Gauge Shot Guns                | Page 126 |
| Bird Stabilization Center         | Page 127 |
| Bird Scare Devices                | Page 128 |

### Section I

### Miscellaneous

|                                 |          |
|---------------------------------|----------|
| De-Icer                         | Page 129 |
| Ground Penetrating Radar System | Page 130 |
| Hydraulic Power Units (various) | Page 131 |
| MegaSecur Dams                  | Page 132 |
| MetOcean Spill Tracking Systems | Page 133 |
| Underwater ROV                  | Page 134 |
| Unmanned Aircraft Systems       | Page 135 |

### Section J

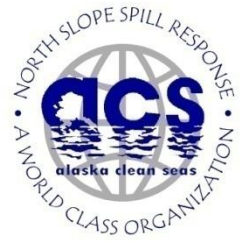
## Abbreviations

| Abbreviation | Name                       |
|--------------|----------------------------|
| ACS          | Alaska Clean Seas          |
| CPAI         | ConocoPhillips Alaska Inc. |
| ENI          | ENI Alaska                 |
| HAK          | Hilcorp Alaska             |
| Savant       | Savant Alaska              |





# Safety



This page intentionally left blank.

# Meters



**Quantity:** 20 Total

**Manufacturers:** Draeger, Ex Tech, Fit Check, Gas Clip Technologies, and Rae Systems

**Owner(s):**

|                      |               |                         |
|----------------------|---------------|-------------------------|
| (6) Four Gas, ACS    | (5) PIDs, ACS | (1) Tube Pump, ACS      |
| (1) Sound Meter, ACS | (1) CMS, ACS  | (1) Fit Check Solo, ACS |
| (1) Light Meter, ACS |               |                         |
| (1) Six Gas, CPAI    | (1) PID, CPAI |                         |
| (2) Six Gas, HAK     |               |                         |

**Function:** Air and sound sampling, fit testing and monitoring

# Automated External Defibrillators (AEDs)



**Quantity:** 6 Total

**Manufacturer:** Cardiac Science and Phillips

**Owner(s):** ACS

**Specifications:** Cardiac Science-9390A, Phillips 861304, and M5066A

**Function:** Emergency first aid.



# Emergency Locator Beacons (EPIRB and GPIRB)



**Quantity:** 15 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:** 36 Total

**Manufacturer:** DBC, Guardian and Viking

**Owner(s):** 32 each, ACS      4 each, HAK

**Specifications:** 6 each, 4 person      11 each, 6 person  
 15 each, 10 person      4 each, 6 person, HAK

**Function:** Life saving equipment for vessels in distress.

# Dry Decons



**Quantity:** 8 Total

**Manufacturer:** Alchem, Ameri-can, Fruehauf, Hobbs, Union Cointainer Industries, and Wells Cargo

**Owner(s):** 2 each, ACS      2 each, CPAI  
4 each HAK

**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:** 1 Total

**Manufacturer:** Intercontinental

**Owner(s):** CPAI

**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.

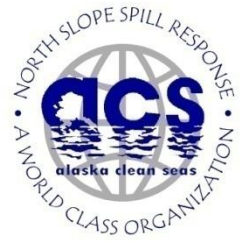
**Auxiliary Equip:** Generator power for Kuparuk unit: HAK equipped with dedicated generator. Transport truck.





# Vessels and Accessories

Section B



This page intentionally left blank.

# 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.

# Point McIntyre



**Quantity:** 1 Total

**Manufacturer:** Munson

**Owner(s):** ACS

**Specifications:** Draft: 2'8"

Fuel Capacity: 500 Gallons

Engines: Twin Volvo D13 800HP (Rated 800 BHP @ 2,300 RPM) / Twin Hamilton HJ403 jet drives

Persons and Cargo Capacity: 12,000 lbs.

Range: 127 NM @ 2150 RPM w/12 HRS operating time

Cruising Speed: 22-25 Knots @ 2150 to 2200 RPM

48 ft., 45,951 lbs. 16' beam

**Function:** Equipment and personnel transport /deploying and towing open ocean containment boom, operating oil skimmers, towing small oil spill response barges.

# Bay Boats



**Quantity:** 3 Total

**Manufacturer:** Rozema Boat Works

**Owner(s):** ACS

**Specifications:** 1 each, Camden Bay, Gwydyr 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 mini-barges 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):** HAK

**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, HAK

**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.







# Airboats



**Quantity:** 33 Total

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

**Owner(s):** 16 each, ACS      5 each, CPAI  
12 each, HAK

**Specifications:**

|                    |              |
|--------------------|--------------|
| 19' - 2 each, ACS  |              |
| 20' - 1 each, ACS  | 4 each, HAK  |
| 22' - 11 each, ACS | 5 each, CPAI |
| 7 each, HAK        |              |
| 28' - 2 each, ACS  | 1 each, HAK  |

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

# Outboards



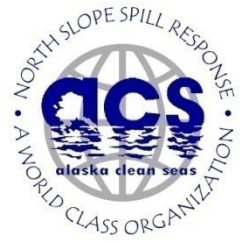
**Quantity:** 49 Total

**Manufacturer:** Evinrude, Honda, Johnson, Prodrive, Suzuki and Yamaha

**Owner(s):** 24 each, ACS      10 each, CPAI      1 each, ENI  
                          13 each, HAK      1 each, Savant

**Specifications:** 9 Jet Units: 25 to 115 HP  
                          40 Prop Units: 4 to 300 HP

**Function:** Power non-inboard engine vessels.



This page intentionally left blank.





# Recovery Equipment



This page intentionally left blank.

# LORI Brush Skimmers



**Quantity:** 12 Total

**Manufacturer:** LORI

**Owner(s):** 10 each, ACS                      2 each, HAK

**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



# Foxtail Rope Mop Skimmer



Foxtail 1-6

Foxtail 4-9

**Quantity:** 3 Total

**Manufacturer:** Hendriksen

**Owner(s):** ACS

**Specifications:** 2 each, Foxtail 1-6

1 each, Foxtail 4-9

Nameplate Capacity: 19 BPH

Derated Capacity: 15 BPH

Nameplate Capacity: 249 BPH

Derated Capacity: 119 BPH

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

**Auxiliary Equip:** Hydraulic power pack, recovery tank





# Disc Skimmers



Vikoma Komara



Morris



Vikoma Komara Star

**Quantity:** 25 Total

**Manufacturer:** Morris International Trading Ltd. and Vikoma (12k and 30k)

**Owner(s):** 5 each, ACS                      3 each, CPAI  
 17 each, HAK

|                        |                                       |   |
|------------------------|---------------------------------------|---|
| <b>Specifications:</b> | 1 each, Komara Star Heavy Oil Skimmer | Nameplate Capacity: 20 BPH<br>Derated Capacity: 16 BPH  |
|                        | 3 each, MI-11/24:                     | Nameplate Capacity: 29 BPH<br>Derated Capacity: 3 BPH   |
|                        | 8 each, Komara 12K:                   | Nameplate Capacity: 100 BPH<br>Derated Capacity: 10 BPH |
|                        | 3 each, MI-30:                        | Nameplate Capacity: 143 BPH<br>Derated Capacity: 10 BPH |
|                        | 10 each, Komara 30K:                  | Nameplate Capacity: 189 BPH<br>Derated Capacity: 10 BPH |

**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



Aqua Guard



Elastec Groovy Drum



Lamor



Action Petroleum

**Quantity:** 36 Total

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

**Owner(s):** 11 each, ACS      20 each, CPAI  
 2 each, ENI      3 each, HAK

**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



|                         |   |   |
|-------------------------|---|---|
| <b>Quantity:</b>        | 10 skimmers, 2 steam trailers   |   |
| <b>Manufacturer:</b>    | Elastec American Marine   |   |
| <b>Owner(s):</b>        | 3 each, skimmer, ACS  | 1 each, skimmer, CPAI                                   |
|                         | 6 each, skimmer, HAK  |   |
|                         | 1 each, trailer, ACS  | 1 each, trailer HAK                                     |
| <b>Specifications:</b>  | TDS-118 Grooved   | Nameplate Capacity: 33 BPH<br>Derated Capacity: 7 BPH   |
|                         | Magnum 100, 4-Drum skimmer  | Nameplate Capacity: 228 BPH<br>Derated Capacity: 46 BPH |
| <b>Function:</b>        | Recovery of refined fuels and crude oil near-shore and inland waters, particularly during freeze up conditions. |   |
| <b>Auxiliary Equip:</b> | Hydraulic power source and independent pump unit.   |   |

# Crucial Fuzzy Disc Skimmer



**Quantity:** 10 Total

**Manufacturer:** Crucial

**Owner(s):** 9 each, ACS      1 each, HAK

|                        |                     |                             |
|------------------------|---------------------|-----------------------------|
| <b>Specifications:</b> | 4 each, Model 13/24 | Nameplate Capacity: 121 BPH |
|                        |                     | Derated Capacity: 24 BPH    |
|                        | 6 each, Model 13/30 | Nameplate Capacity: 200 BPH |
|                        |                     | Derated Capacity: 40 BPH    |

**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, ENI      1 each, HAK

**Specifications:** Model #1CD18H-36      Nameplate Capacity: 120 BPH  
    Derated Capacity: 24 BPH

**Function:** Oil recovery from on water operations.

**Auxiliary Equip:** Hydraulic power unit, 3" pump

# Lamor Brush Belt Skimmers and Rock Cleaners



Rock Cleaner Attachment

- 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:** 32 Total

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

**Owner(s):** 14 each, ACS                      9 each, CPAI  
                     8 each, HAK                      1 each, Savant

**Specifications:** *Electric and diesel powered*  
                             4" Rope Mops                      Nameplate Capacity: 14 BPH  
     Derated Capacity: 5 BPH

**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                      16 each, CPAI  
 28 each, HAK

**Specifications:** Nameplate Capacity: 54 BPH  
 Derated Capacity: 11 BPH

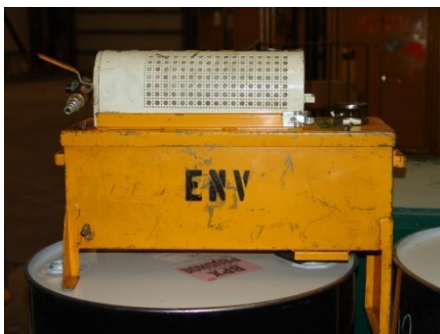
10 Flexible  
 37 Rigid

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

**Auxiliary Equip:** 3" Diaphragm pump or Peristaltic pump



# Vac Units



**Quantity:** 7 Total

**Manufacturer:** Vikoma, Vac-U-Max

**Owner(s):** HAK

**Specifications:** Vac-U-Max: TK-01, TK-02, TK-1-B, 23956  
 Vikoma: Power Vac

**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 & Tanks



**Quantity:** 5 Total Mini Vac Units, 2 Total Tanks

**Manufacturer:** Elastec American Marine

**Owner(s):** 2 each, ACS                      1 each, CPAI  
                          2 each, HAK  
                          1 each, tank, CPAI      1 each, tank, HAK

**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                      2 each, CPAI  
                          1 each, ENI                      1 each HAK

**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:** 39 Total

**Manufacturer:** Ardisam, Feldman Engineering, General Equipment Co., and Strike Master

**Owner(s):** 7 each, ACS                      12 each, CPAI                      3 each, ENI  
                          16 each, HAK                      1 each, Savant

**Specifications:** One and two person units

34 CC to 102 CC

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

**Auxiliary Equip:** Bits and extensions

# Jackhammers



**Quantity:** 20 Total

**Manufacturer:** DeWalt and Ingersoll Rand

**Owner(s):** 6 each, ACS                      3 each, CPAI                      5 each, ENI  
                     5 each, HAK                      1 each, Savant

**Specifications:** One and two person units  
                             13 each, air powered  
                             7 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:** 49 Total (chainsaws)

**Manufacturer:** Homelite-Extron and Stihl

**Owner(s):** 11 each, ACS    13 each, CPAI  
 4 each, ENI    21 each, HAK

**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.

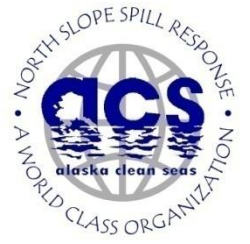
**Auxiliary Equip:** Stihl 056 or 066 chain saw with ice cutting chain



This page intentionally left blank.



# Containment



This page intentionally left blank.

# Delta/River Boom



**Quantity:** 203,776 ft.

**Manufacturer:** Abasco, American Boom, American Marine, Containment Systems Inc., D.U. Inc., Elastec, Elastec American Marine, Lamor, SG&J Loxley AL, Texas Boom Company, and USA MFG

**Owner(s):** 60,500 ft., ACS      55,926 ft., CPAI  
 79,700 ft., HAK      7,650 ft., Savant

**Specifications:** 10", 14" and 16" x 50' and 75' Sections  
 Delta Boom- Bottom Tension only - 28,850 ft.  
 River Boom- Top and Bottom Tension- 174,926 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:** 21,650 ft., Total

**Manufacturer:** Texas Boom and Versa Tech

**Owner(s):** 16,900 ft., ACS      1,750 ft., CPAI  
 1,000 ft., HAK      2,000 ft., ENI

**Specifications:** 20" x 50' sections

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

**Auxiliary Equip:** Air inflator and water pump

# T- Fence Boom



**Quantity:** 492 ft., Total

**Manufacturer:** Harbo Technologies

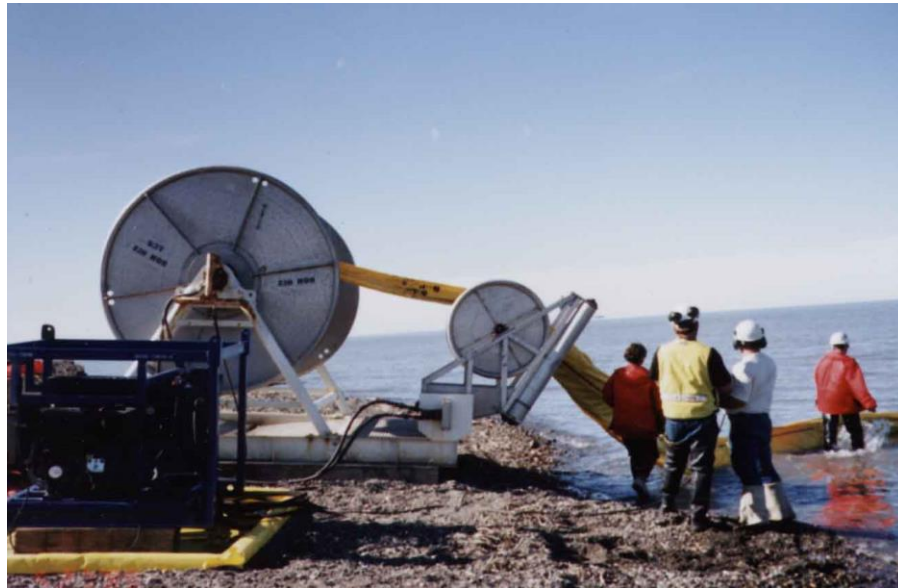
**Owner(s):** ACS

**Specifications:** 2.25' x 82.021' sections

**Function:** Light weight one time use boom for Shoreline protection.

**Auxiliary Equip:** Anchors and airboats

# Kepner Boom Reel Packs



**Quantity:** 33,500 ft., Total

20" – 4,750 ft.      26" – 25,750 ft.      32" – 2,000 ft.      42" – 1,000 ft.

**Manufacturer:** Kepner

**Owners:** 23,250 ft., ACS      1,750 ft., (26"), CPAI  
 5,000 ft., (20"), ENI      3,500 ft., (26") HAK

**Specifications:** 20" to 42" x 250' to 1,500' per reel

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

**Auxiliary Equip:** Hydraulic power pack and hoses

# NOFI Ocean Boom



**Quantity:** 5,904 ft. Total

**Manufacturer:** Allmaritim

**Owner(s):** 2,952 ft., ACS      984 ft., ENI      1,968 ft., HAK

**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):** HAK

**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:** 2,360 ft., Total

**Manufacturer:** Ro-Clean Desmi

**Owner(s):** HAK

**Specifications:** 59"

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

**Auxiliary Equip:** Hydraulic power pack and hoses

# Goodyear Ocean Boom



**Quantity:** 14,300 ft., Total

**Manufacturer:** Engineered Fabrics Corporation

**Owner(s):** ACS

**Specifications:** 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



**Quantity:** 51 Total

**Manufacturer:** Echo, Husqvarna and Stihl

**Owner(s):** 36 each, ACS      5 each, CPAI  
 4 each, ENI      6 each, HAK

**Specifications:** 388 CFM  
 180 Air Speed at Pipe

**Function:** Boom inflation.



# Floating Pumps 1 1/2"



**Quantity:** 51 Total

**Manufacturer:** Waterous and Hale

**Owner(s):** 36 each, ACS                      4 each, CPAI  
                          2 each, ENI                      6 each, HAK

**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:** Cherne and Aero Tech Labs
- Owner(s):** 6 each, ACS      13 each, HAK
- 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

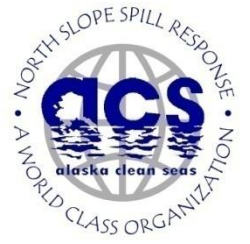
# Water Spray Trailer



- 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



This page intentionally left blank.

# 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 1,000 units

**Manufacturer:** Elastec and Energetex

**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      1,000 ft., CPAI  
 2,800 ft., HAK

**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

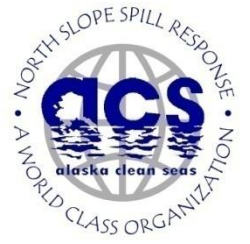
**Specifications:** 55 gallon

**Function:** Ignition of hydrocarbon products during in-situ burn operations.

**Auxiliary Equip:** Helicopter remote control box, spare 55 gallon drums



# Transfer and Storage



This page intentionally left blank.

# 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      3 each, HAK

**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 off loading 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:** 1 each, 3" annular injection rings  
 1 each, 4" annular injection rings  
 2 each, 6" 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:** Areo Tech, The Eldred Environmental, Fast Engineering, Fold-A-Tank, and Vikoma

**Owner(s):** 34 each, ACS                      78 each, CPAI                      6 each, ENI  
                          46 each, HAK                      6 each, Savant

**Specifications:** Fastank/Fold-A-Tanks/Open Top Tank 400 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:** 24 Total

**Manufacturer:** Canflex and Areo Tech Labs

|                  |                          |                         |
|------------------|--------------------------|-------------------------|
| <b>Owner(s):</b> | 2 each, 500 gal., ACS    | 3 each, 500 gal., CPAI  |
|                  | 8 each, 1,320 gal., ACS  | 6 each, 2,640 gal., ACS |
|                  | 5 each, 5,000 gal., CPAI |                         |

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

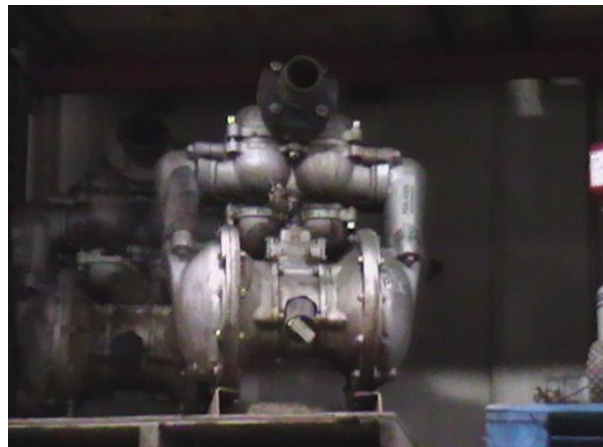
**Function:** Store and transport recovered product.

**Auxiliary Equip:** Boat, helicopter



# Air Diaphragm Pumps

## 1/2", 1", 2" and 3"



**Quantity:** 20 Total

**Manufacturer:** Ingersoll-Rand and Wilden

|                  |                    |                  |
|------------------|--------------------|------------------|
| <b>Owner(s):</b> | 6 each (1/2"), HAK | 6 each (1"), HAK |
|                  | 6 each (2"), HAK   | 1 each (2"), ENI |
|                  | 1 each (3"), CPAI  |                  |

**Specifications:** 15 to 260 GPM, 21 to 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





# Gas Diaphragm Pumps 3"



**Quantity:** 12 Total

**Manufacturer:** Homelite-Textron and Honda

**Owner(s):** 9 each, CPAI                      3 each, HAK

**Specifications:** 80 GPM, 114 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 1/2", and 3"



**Quantity:** 19 Total

**Manufacturer:** Diesel America West and Salaroll

**Owner(s):** 7 each, ACS      6 each, CPAI  
 2 each, ENI      4 each, HAK

**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:** 115 Total

**Manufacturer:** Diesel America West, Elastec American Marine, Gorman-Rupp, Honda, Multi-Quip, and Yanmar

**Owner(s):** 52 each, ACS      28 each, CPAI  
 2 each, ENI      31 each, HAK  
 2 each, Savant

**Specifications:** 2 each, 1", 32 GPM, 46 BPH Gas  
 2 each, 1 ½", 74 GPM, 106 BPH Gas  
 30 each, 2" up to 220 GPM, 314 BPH  
 56 each, 3" up to 400 GPM, 571 BPH  
 17 each, 4" 370-750 GPM, 528-1,071 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

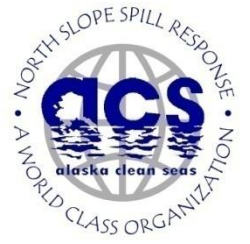
**Manufacturer:** Ohler Machinery

**Owner(s):** ACS

**Specifications:** 230 GPM, 329 BPH

**Function:** Emergency dewatering pump for vessels in distress.

**Auxiliary Equip:** Suction and discharge hose



This page intentionally left blank.



# Logistics Support Equipment





This page intentionally left blank.

# Centaur 950DT



**Quantity:** 3 Total

**Manufacturer:** Ontario Drive & Gear Limited

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

**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:** Con-Am and Honda

**Owner(s):** 3 each, CPAI      8 each, HAK

**Specifications:** Gasoline ATV 282cc to 500cc

**Function:** Transportation of equipment.

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



# Tucker Sno-Cat



**Quantity:** 1 Total

**Manufacturer:** Tucker Terra

**Owner(s):** HAK

**Specifications:** Model: 1643E-26-6

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 carry 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:** 42 Total snow machines and 37 Total sleds

**Manufacturer:** Snow Machines: SKI-DOO and Polaris

Sleds: Alaska Frontier Fabricators, Last Frontier Trailers  
 Plashem, Tag-a-long Trailers, Team Otter Outdoors

|                  |                            |                              |
|------------------|----------------------------|------------------------------|
| <b>Owner(s):</b> | 8 each, snow machines, ACS | 14 each, snow machines, CPAI |
|                  | 4 each, snow machines, ENI | 16 each, snow machines, HAK  |
|                  | 15 each, sled, ACS         | 8 each, sled, CPAI           |
|                  | 4 each, sled, ENI          | 10 each, sled, HAK           |

**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:** 11 Total

**Manufacturer:** Ford Motor Company

**Owner(s):** ACS

**Specifications:** 10 each, gasoline

1 each, diesel

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

# 14 Passenger Bus



**Quantity:** 1 Total

**Manufacturer:** Ford Motor Company

**Owner(s):** ACS

**Specifications:** 1 each, gasoline

**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:** Autocar and Peterbilt

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

**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, HAK

**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      1 each, CPAI

**Function:** Mobile maintenance shop for field support.

**Auxiliary Equip:** 12kw generator / 10kw generator,  
 electric air compressor and various hand tools

# Dump Truck



**Quantity:** 1 Total

**Manufacturer:** Autocar

**Owner(s):** HAK

**Function:** Transport contaminated material from spill sites.

# Dempster System Equipped Trucks



**Quantity:** 1 Total

**Manufacturer:** Autocar

**Owner(s):** HAK

**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:** 14 Total

**Manufacturer:** Bobcat and Caterpillar

**Owner(s):** 6 each, ACS      2 each, CPAI  
 1 each, ENI      5 each, HAK

**Specifications:** 1 each, Model: 299 DXHP  
 8 each, Model: MT-55  
 1 each, Model: T320-G  
 1 each, Model: T250-G  
 3 each, Model: 287C

**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, Clark, and Hyster

**Owner(s):** ACS

**Specifications:** Caterpillar: 1 each, 6,000 lbs. lifting capacity  
 Clark: 1 each, 9,000 lbs. lifting capacity  
 Hyster: 1 each, 7,000 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 L110H

**Owner(s):** ACS

**Specifications:** 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, CPAI  
 1 each, HAK

**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:** 3 Total

**Manufacturer:** ATCO and Homemade

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

**Specifications:** 16' to 40'

**Function:** Staging Area Managers' offices.

**Auxiliary Equip:** Computer and generator

# Winter Response Vans



**Quantity:** 1 Total

**Manufacturer:** Wells Cargo

**Owner(s):** HAK

**Specifications:** 20'

**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):** HAK

**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:** 5 Total

**Manufacturer:** Arctic Structures, Atco, Britco, and Homemade

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

**Specifications:** 20' to 40'

**Function:** Provide area for responders to warm up and take breaks.

**Auxiliary Equip:** Generator

# Portable Shelters



**Quantity:** 53 Total

**Manufacturer:** Air-Lite, Eureka, Hanson, and Zumro

**Owner(s):** 24 each, ACS      11 each, CPAI      2 each, ENI  
 15 each, HAK      1 each, Savant

**Specifications:** Sizes vary from 7' x 8', 12' x 10', 12' x 15', 13.5' x 16' and 12' x 20',  
 26' x 64', 12' x 12', 13.5' 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:** Griffard Steel Inc. and Homemade

**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:** 15 Total

**Manufacturer:** Ameri-can Engineering, Britco, Envirovac, Polyjohn, and Sealand

|                  |                               |                                |
|------------------|-------------------------------|--------------------------------|
| <b>Owner(s):</b> | 2 each, Envirovac , ACS       | 1 each, Envirovac, CPAI        |
|                  | 2 each, Envirovac, HAK        |                                |
|                  | 4 each, Portable toilets, ACS | 4 each, Portable toilets, CPAI |
|                  | 2 each, Portable toilets, HAK |                                |

**Specifications:** 24' to 33' long, male/female capable

**Function:** Provide on-site restroom facilities during response operations.

**Auxiliary Equip:** Generator

# Indirect Fired Heaters



**Quantity:** 10 Total

**Manufacturer:** Arcotherm, Equipment Source, Industrial Commercial, Jetheat, Tioga, and Zodi Outback Gear

**Owner(s):** 7 each, ACS                      3 each, CPAI

**Specifications:** 2 each, 70,000 BTU                      1 each, 380,000 BTU  
                                  2 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:** ACS, Deep Sea Power, and Keldan

**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:** 50 Total

**Manufacturer:** Hubbel-Cat, Allmand, Allman Bros., Bemis, Construction Electrical, Defender, Fostoria, Great Land Welding, Hubble-Cat, and Pelican

**Owner(s):** 28 each, ACS                      7 each, CPAI                      6 each, ENI  
                     8 each, HAK                      1 each, Savant

**Specifications:** 6 each, 2 light stands (500W)  
                             18 each, 1 light stands (1,000W)  
                             2 each, 2 light (1,000W) with tripod  
                             1 each, 3 light stand (1,500W)  
                             8 each, 2 light stands (2,000W)  
                             1 each, 1 light stand (LED 16W)  
                             2 each, 2 light stands (LED 70W)  
                             1 each, 1 light stand (LED 72W)  
                             1 each, 4 light stand (LED 96W)  
                             7 each, 4 light stand (LED 200W)  
                             2 each, light plant w/tracks (4,000W)  
                             1 each, light plant (5,000W)

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

**Auxiliary Equip:** Generator, extension cord

# Diesel Generators (various)



**Quantity:** 64 Total

**Manufacturer:** Alaska Diesel Electric, Cummins, Cummins Power Generation, Diesel America West, Equipment Source Inc., F.G. Wilson, Ingersoll Rand, KEM Equipment, Kubota, Magnum Products LLC., Norther Lights, Onan, and Pacific Detroit Diesel

**Owner(s):** 34 each, ACS      21 each, CPAI  
 9 each, HAK

**Specifications:** 10-2 kw, 6-3 kw, 14-4 kw, 3-5 kw, 9-6 kw, 1-9kw, 7-10 kw, 1-12 kw, 1-15 kw, 2-17 kw, 2-25 kw, 2-40 kw, 3-45 kw, 1-60 kw, 1-70 kw, 1-200kw

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

**Auxiliary Equip:** Power Splitter

# Gas Generators (various)



**Quantity:** 56 Total

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

**Owner(s):** 16 each, ACS      16 each, CPAI  
 4 each, ENI      20 each, HAK

**Specifications:** 4-1 kw, 22-2 kw, 19-3 kw, 6-4 kw, 2-5 kw, 3-7 kw

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



## 06', 10', 20' and 40' Connex



**Quantity:** 447 Total

**Manufacturer:** Various

**Owner(s):** 26 each, 06' ACS

2 each, 10' ACS

3 each, 10' HAK

192 each, 20' ACS

72 each, 20' CPAI

19 each, 20' ENI

86 each, 20' HAK

4 each, 20' Savant

5 each, 40' ACS

12 each, 40' CPAI

10 each, 40' ENI

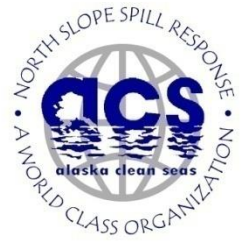
16 each, 40' HAK

**Specifications:** 26 each, 06' connex      5 each, 10' connex  
 373 each, 20' connex      43 each, 40' connex

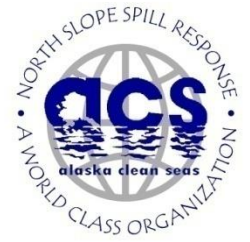
**Function:** Material or boom storage.



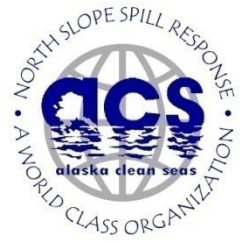




This page intentionally left blank.



# Communications



This page intentionally left blank.

# Portable Communications Towers



**Quantity:** 1 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



|                         |  |                         |
|-------------------------|--|-------------------------|
| <b>Quantity:</b>        | 296 Total                                    |                         |
| <b>Manufacturer:</b>    | ICOM and Motorola                            |                         |
| <b>Owner(s):</b>        | 251 each, ACS                                | 42 each, CPAI           |
|                         | 1 each, ENI                                  | 2 each, HAK             |
| <b>Specifications:</b>  | 24 each, UHF - ACS                           | 23 each , UHF - CPAI    |
|                         | 12 each, Harmony - ACS                       |                         |
|                         | 211 each, VHF - ACS                          | 19 each, VFH - CPAI     |
|                         | 4 each, VHF marine - ACS                     | 1 each VHF marine - ENI |
|                         | 2 each, VHF marine - HAK                     |                         |
| <b>Function:</b>        | Daily and oil spill response communications. |                         |
| <b>Auxiliary Equip:</b> | Charger, repeater, gap filler and translator |                         |



# Iridium Phones



**Quantity:** 22 Total

**Manufacturer:** Beam Communications, Iridium, and Motorola

**Owner(s):** ACS

**Specifications:** 3 each, marine  
19 each, handheld

**Function:** Satellite telephone communications/internet and e-mail capabilities.

**Auxiliary Equip:** Chargers, external antenna, SIMMS card

# Mobile Radios



**Quantity:** 201 Total

**Manufacturer:** General Electric, ICOM, and Motorola

**Owner(s):** 163 each, ACS                      12 each, CPAI

1 each, ENI                      25 each, HAK

**Specifications** 3 each, UHF - ACS

131 each, VHF - ACS                      10 each, VHF - CPAI

15 each, VHF - HAK

29 each, VHF marine - ACS      2 each, VHF marine - CPAI

1 each, VHF marine - ENI      10 each, VHF marine - HAK

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

# GPS



**Quantity:** 150 Total

**Manufacturer:** Furuno, Garmin, Lowrance, Motorola, North Star, and Raymarine

**Owner(s):** 63 each, ACS      19 each, CPAI  
 5 each, ENI      63 each, HAK

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

Handheld 77    Marine 73

**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:** 11 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

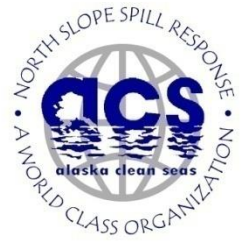
**Function:** Communications kit for remote drilling support.

**Auxiliary Equip:** Charger, mag mount antenna and spare batteries



# Wildlife





This page intentionally left blank.

# 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 and Transport Cages



3 piece unit



Transport cage, Aircraft  
Compliant

- Quantity:** 9 Total
- Manufacturer:** Carter2systems (C2S1), Eton Welding & Machine, Homemade, Impact Dog Crates, Knapp, and Teton Welding & Manufacturing
- Owner(s):** 5 each, ACS      1 each, CPAI      2 each, HAK  
 1 each, US Fish and Wildlife
- Specifications:** 1 each, 3 piece unit  
 2 each, trailer mounted unit  
 1 each, single cage  
 5 each, transport cage (2 each, Aircraft Compliant)
- Function:** Storage area for captured bear.

# Net Launchers



- Quantity:** 4 Total
- Manufacturer:** Coda Enterprises and Winchester
- Owner(s):** 1 each, ACS      1 each, CPAI      1 each, ENI      1 each, HAK
- 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  
 3 each, (hazing) CPAI  
 1 each, (hazing) ENI  
 3 each, (hazing) HAK

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

**Function:** Capture contaminated wildlife for rehabilitation and haze animals away from contaminated areas.

# PepperBall Gun



- Quantity:** 1 Total
- Manufacturer:** PepperBall
- Owner(s):** ACS
- Specifications:** Variable Kinetic System (VKS)
- Function:** Wildlife hazing
- Auxiliary Equip:** Inert and Marking PepperBall, air tank, hopper



# 12 Gauge Shot Guns



**Quantity:** 21 Total

**Manufacturer:** Benelli, New England Firearms, and Remington

**Owner(s):** 13 each, ACS      7 each, CPAI  
 3 each, ENI

**Specifications:** 9 each, New England Firearms single shot  
 12 each, Remington Model 870 pump  
 2 each, Benelli Nova Tactical

**Function:** Wildlife hazing

**Auxiliary Equip:** Cracker shells, rubber bullets, 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:** 70 Total

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

**Owner(s):** 46 each, propane, ACS      7 each, propane, CPAI  
 2 each, propane, ENI      3 each, propane, HAK  
 11 each, electronic, HAK  
 1 each, laser, HAK

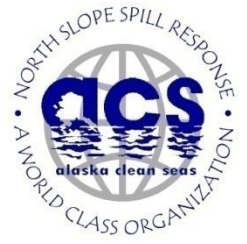
**Specifications:** 58 each, propane cannons      1 each, laser  
 11 each, electronic

**Function:** Wildlife hazing.

**Auxiliary Equip:** Propane tank and receiver unit for electronic units. Battery for testing.

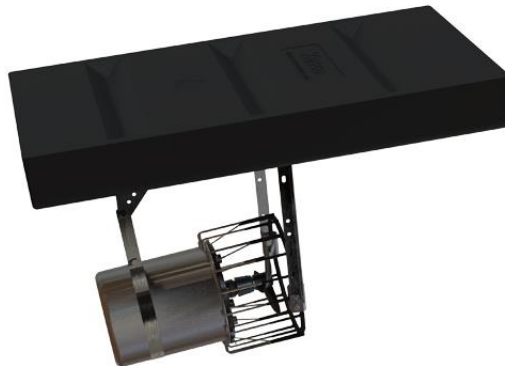


# Miscellaneous



This page intentionally left blank.

# De-Icer



**Quantity:** 2 Total

**Manufacturer:** Kasco

**Owner(s):** ACS

**Specifications:** Model 4400D 1 HP

**Function:** De-icers push warm bottom water to the surface creating an ice-free area.

**Auxiliary Equip:** Generator, line



# 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:** 154 Total

**Manufacturer:** Various

**Owner(s):** 74 each, ACS      31 each, CPAI  
 8 each, ENI      41 each, HAK

**Specifications:** Varies for purpose

**Function:** Power boom deployment and recovery systems.

**Auxiliary Equip:** Hydraulic hoses and possibly remote controller

# MegaSecur Dams



- Quantity: 8 Total
- Manufacturer: MegaSecur Water-Gate, Models WA2825, WA2850, and WA3950
- |           |                  |                  |
|-----------|------------------|------------------|
| Owner(s): | 4 each, 25', HAK | 1 each, 30', HAK |
|           | 2 each, 50', ACS | 1 each, 50', HAK |
- Specifications: 25' x 28"      30' x 39"      50' x 28"      50' x 39"
- Function: Water gate to slow current in small streams to aid in recover operations.
- Accessories: PVC pipe can be placed under dam to create an underflow dam

# MetOcean Spill Tracking Systems



Tracking Buoy



Ice Beacon Housing

**Quantity:** 12 Total

**Manufacturer:** MetOcean

**Owner(s):** 6 each, Tracking Buoy, ACS  
 4 each, Tracking Buoy, ENI  
 2 each, Tracking Buoy, CPAI  
 8 each, Ice Beacon Housing, ACS

**Specifications:** iSphere Drift Buoy – Iridium Satellite Communications

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

**Auxiliary Equip:** Computer and software

# Underwater ROV



**Quantity:** 1

**Manufacturers:** Chasing

**Owner:** ACS

**Specifications:** Capable of 490' diving depth at 4 knots

4k video camera

Tether provides constant power source – battery alone lasts 4 hours

**Function:** Video surveillance and documentation of oil spills. Vessel hull and underwater pipeline inspection, underwater oil spill investigation.

**Auxiliary Equip:** 2000 lumen light, grabber arm



# Unmanned Aircraft Systems



**Quantity:** 5 Total (Four rotary, one fixed wing)

**Manufacturers:** Yuneec, DJI, Autel Robotics, FOX TECH

**Owner:** ACS

**Specifications:** **Yuneec H520:** One-half hour flight time, 160 thermal and 4K video cameras.

**Mavic 2 Pro:** One- half hour flight time, 4k video camera.

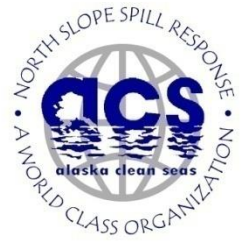
**Autel Robotics Evo II Dual MDCD:** One-half hour flight time, 640 thermal sensor combined with 8k/48MP visual camera.

**FOX TECH Great Shark:** Vertical take off and land, 2.5 hours flight time, beyond visual line of sight capabilities and 4k video with 30x zoom.

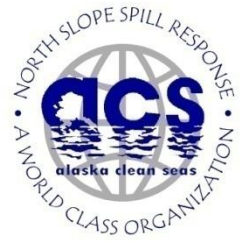
**Function:** Video surveillance and documentation of oil spills. Shoreline assessment, wildlife surveillance, on water oil spotting.

**Auxiliary Equip:** Extra batteries for all to enable unlimited flight time.





This page intentionally left blank.



This page intentionally left blank.



# CONTACT INFORMATION

**24 – Hour Emergency Number**

**(907)659-2405**

**[www.alaskacleanseas.org](http://www.alaskacleanseas.org)**



**Anchorage Office:**  
*Alaska Clean Seas*  
3300 C St. Suite 200  
Anchorage, AK 99503

**Phone:** (907) 743-8989  
**Fax:** (907) 743-8988

**North Slope Office:**  
*Alaska Clean Seas*  
P.O. Box 340022  
Prudhoe Bay, AK 99734

**Phone:** (907) 659-2405  
**Fax:** (907) 659-2616