Figure H-1. Locations of Bulk Fuel Storage.
Primary Traffic Routes for State Ferries & Cruise Ships

<table>
<thead>
<tr>
<th>Port</th>
<th># of Cruise Ship Visits</th>
<th># of Ferry Vessel Visits</th>
</tr>
</thead>
<tbody>
<tr>
<td>College Ford</td>
<td>120</td>
<td>116</td>
</tr>
<tr>
<td>Seward</td>
<td>106</td>
<td>108</td>
</tr>
<tr>
<td>Valdez</td>
<td>13</td>
<td>13</td>
</tr>
<tr>
<td>Tatitlek</td>
<td>13</td>
<td>13</td>
</tr>
<tr>
<td>Whittier</td>
<td>37</td>
<td>37</td>
</tr>
<tr>
<td>Cordova</td>
<td>21</td>
<td>21</td>
</tr>
</tbody>
</table>

2003 TOTAL: 245, 401

Reference – Alaska Department of Transportation, Alaska Marine Highway 2003-2004 Schedule, Database online
http://www1.dot.state.ak.us/amhs/schedres/scheds/index.html


Reference – Southwest Alaska Pilots Association

March 31, 2005

Prince William Sound
Alaska

POTENTIAL PLACES OF REFUGE AND RISK FACTORS

RISK SYMBOLS

Potential Places of Refuge
Response Equipment Depot
Response Barge
Seasonal Response Barge
Tanker Route
Secondary Tanker Route
Cruise and AMHS Ship Traffic
Small Cruise Ship Traffic
Secondary Ferry Route

Cruise and AMHS Ship Ports of Call
BULK FUEL STORAGE SITES
– 5k-10,000 bbl.
– 10k-39,999 bbl.
– 40k-99,999 bbl.
– 100k-299,999 bbl.
– 300k-500,000 bbl.
– more than 500,000 bbl.

PWS SUBAREA SPILLS >999 gallons 1989-2004

 Persistent = Non-Persistent

– 1K-2,999 gal.
– 3K-5,999 gal.
– 6K-8,999 gal.
– 9K-11,999 gal.
– 12K-14,999 gal.
– 15K-17,999 gal.
– 18K+ gal.

Lingering Oil from 1989 Exxon Valdez Oil Spill

Frequent Fishing Vessel/Tramper
Offload Activities
Key Nearshore Fishing Grounds
Hatchery
Remote Release Site

Figure H-2. Primary Traffic Routes for State Ferries and Cruise Ships.
Figure H-3. Primary Traffic Routes for Crude Oil Tankers.

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Figure H-4. Locations of Frequent Fishing Vessel/Tramper Offload Activities.

Prince William Sound Alaska
POTENTIAL PLACES OF REFUGE and RISK FACTORS

RISK SYMBOLS

Potential Places of Refuge

Response Equipment Depot
Response Barge
Seasonal Response Barge
Tanker Route
Secondary Tanker Route
Cruise and AMHS Ship Traffic
Small Cruise Ship Traffic
Secondary Ferry Route

Cruise and AMHS Ship Ports of Call

BULK FUEL STORAGE SITES

– .5k-10,000 bbl.
– 10k-39,999 bbl.
– 40k-99,999 bbl.
– 100k-299,999 bbl.
– 300K-500,000 bbl.
– more than 500,000 bbl.

PWS SUBAREA SPILLS >999 gallons 1989-2004

= Persistent  = Non-Persistent

– 1K-2,999 gal.
– 3K-5,999 gal.
– 6K-8,999 gal.
– 9K-11,999 gal.
– 12K-14,999 gal.
– 15K-17,999 gal.
– 18K+ gal.

 Lingering Oil from 1989 Exxon Valdez Oil Spill

Frequent Fishing Vessel/Tramper Offload Activities

Key Nearshore Fishing Grounds
Hatchery
Remote Release Site

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Figure H-5. Locations of Key Nearshore Fishing Grounds, Hatcheries, and Remote Release Sites.

Resources: Mark Fink/ADF&G

Closed to commercial salmon fishing.

March 31, 2005

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Prince William Sound Alaska

POTENTIAL PLACES OF REFUGE and RISK FACTORS

RISK SYMBOLS

Potential Places of Refuge
- Response Equipment Depot
- Response Barge
- Seasonal Response Barge
- Tanker Route
- Secondary Tanker Route
- Cruise and AMHS Ship Traffic
- Small Cruise Ship Traffic
- Secondary Ferry Route

Cruise and AMHS Ship Ports of Call

BULK FUEL STORAGE SITES
- 5k-10,000 bbl.
- 10k-39,999 bbl.
- 40k-99,999 bbl.
- 100k-299,999 bbl.
- 300k-500,000 bbl.
- more than 500,000 bbl.

PWS SUBAREA SPILLS >999 gallons 1989-2004
- Persistent
- Non-Persistent

- 1K-2,999 gal.
- 3K-5,999 gal.
- 6K-8,999 gal.
- 9K-11,999 gal.
- 12K-14,999 gal.
- 15K-17,999 gal.
- 18K+ gal.

Lingering Oil from 1989 Exxon Valdez Oil Spill

Key Nearshore Fishing Grounds
- Hatchery
- Remote Release Site
Figure H-6. Locations of Previous Major Marine Spill Events. 1989 – 2004

Cruise and AMHS Ship Ports of Call
BULK FUEL STORAGE SITES

- 5k-10,000 bbl.
- 10k-39,999 bbl.
- 40k-99,999 bbl.
- 100k-299,999 bbl.
- 300K-500,000 bbl.
- more than 500,000 bbl.

PWS SUBAREA SPILLS >999 gallons 1989-2004

- Persistent
- Non-Persistent

Potential Places of Refuge

Seasonal Response Barge
Secondary Tanker Route
Cruise and AMHS Ship Traffic
Small Cruise Ship Traffic
Secondary Ferry Route
Response Equipment Depot
Response Barge

Remote Release Site

Lingering Oil from 1989 Exxon Valdez Oil Spill

Frequent Fishing Vessel/Tramper

Offload Activities

Key Nearshore Fishing Grounds

Hatchery

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Figure H-6. Locations of Previous Major Marine Spill Events.

Prince William Sound SCP: PPOR, Part One
April 2005

March 31, 2005
Figure H-7. Locations of lingering oil from the Exxon Valdez Oil Spill of 1989.
Figure H-8. Locations of Spill Response Hubs & Equipment Depots.

Prince William Sound SCP: PPOR, Part One

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Figure H-9. Locations of Potential Places of Refuge.

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March 30, 2005

Prince William Sound
Alaska

POTENTIAL PLACES OF REFUGE
and RISK FACTORS

RISK SYMBOLS

Potential Places of Refuge

Response Equipment Depot
Response Barge
Seasonal Response Barge
Tanker Route
Secondary Tanker Route
Cruise and AMHS Ship Traffic
Small Cruise Ship Traffic
Secondary Ferry Route

Cruise and AMHS Ship Ports of Call

BULK FUEL STORAGE SITES

= Persistent = Non-Persistent

– 5k-10,000 bbl.
– 10k-39,999 bbl.
– 40k-99,999 bbl.
– 100k-299,999 bbl.
– 300K-500,000 bbl.
– more than 500,000 bbl.

PWS SUBAREA SPILLS >999 gallons 1989-2004

= Persistent = Non-Persistent

= 1K-2,999 gal.
= 3K-5,999 gal.
= 6K-8,999 gal.
= 9K-11,999 gal.
= 12K-14,999 gal.
= 15K-17,999 gal.
= 18K+ gal.

Lingering Oil from 1989 Exxon Valdez Oil Spill

Frequent Fishing Vessel/Tramper Offload Activities

Key Nearshore Fishing Grounds

Hatchery

Remote Release Site

Figure H-9. Locations of Potential Places of Refuge.
Figure H-10. Potential Places of Refuge and all Risk Factors Combined.

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March 31, 2005

Prince William Sound
Alaska

POTENTIAL PLACES OF REFUGE
and RISK FACTORS

RISK SYMBOLS

Potential Places of Refuge

Response Equipment Depot

Response Barge

Seasonal Response Barge

Tanker Route

Secondary Tanker Route

Cruise and AMHS Ship Traffic

Small Cruise Ship Traffic

Secondary Ferry Route

Cruise and AMHS Ship Ports of Call

BULK FUEL STORAGE SITES

- 5k-10,000 bbl.
- 10k-39,999 bbl.
- 40k-99,999 bbl.
- 100k-299,999 bbl.
- 300K-500,000 bbl.
- more than 500,000 bbl.

PWS SUBAREA SPILLS >999 gallons 1989-2004

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- 6K-8,999 gal.
- 9K-11,999 gal.
- 12K-14,999 gal.
- 15K-17,999 gal.
- 18K+ gal.

Lingerling Oil from 1989 Exxon Valdez Oil Spill

Frequent Fishing Vessel/Tramper Offload Activities

Key Nearshore Fishing Grounds

Hatchery

Remote Release Site

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Prince William Sound SCP: PPOR, Part One
April 2005