



KODIAK, Alaska

POTENTIAL PLACES OF REFUGE and RISK FACTORS

RISK SYMBOLS

Anchorage

Dock

Mooring

Grounding

Response Equipment Depot
Chadux USCG KIB KAA

Commerical Route

Feeder Traffic, non-persistent

Cruise and AMHS Ship Traffic

Small Cruise Ship Traffic
(Tesoro Alaska Tankers transit to and travel 200nm offshore.)

Cruise and AMHS Ship Ports of Call

BULK FUEL STORAGE SITES

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

KODIAK SUBAREA SPILLS >999 gallons 1994-2005

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- 18K+ gal.

Frequent Fishing Vessel/Tramper Offload Activities

Key Nearshore Fishing Grounds

Setnet Fishing Grounds

Hatchery Remote Release Site

Cannery Abandoned Cannery

GRS Sites

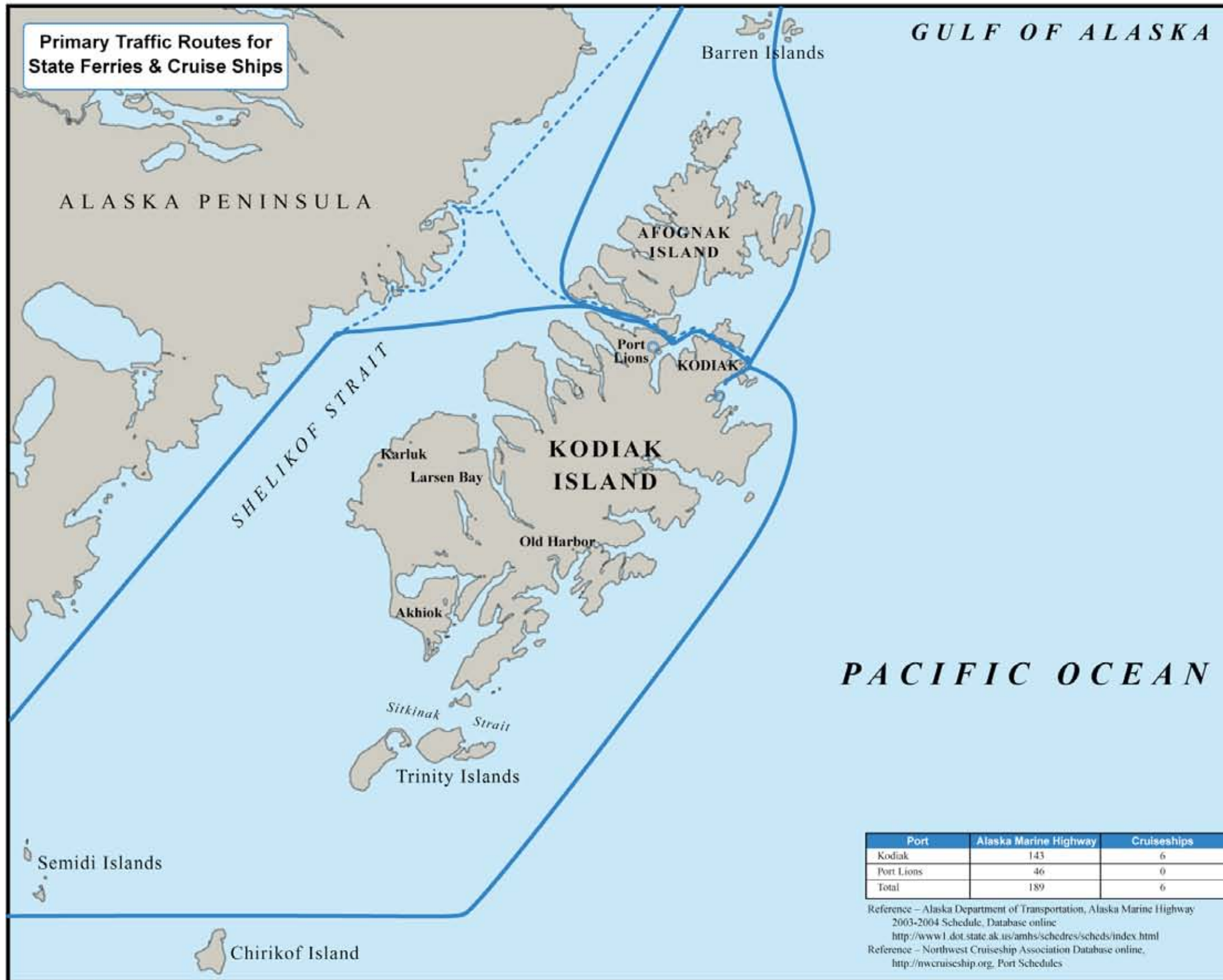
GULF OF ALASKA

PACIFIC OCEAN

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Figure H-1. Locations of Bulk Fuel Storage.



August 30, 2006

KODIAK, Alaska

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Frequent Fishing Vessel/Tramper Offload Activities

Key Nearshore Fishing Grounds

Setnet Fishing Grounds

Hatchery Remote Release Site

Cannery Abandoned Cannery

GRS Sites

POTENTIAL PLACES OF REFUGE

RISK SYMBOLS

Anchorage

Dock

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Grounding

Response Equipment Depot

Commerical Route

Feeder Traffic, non-persistent

Cruise and AMHS Ship Traffic

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Frequent Fishing Vessel/Tramper Offload Activities

Key Nearshore Fishing Grounds

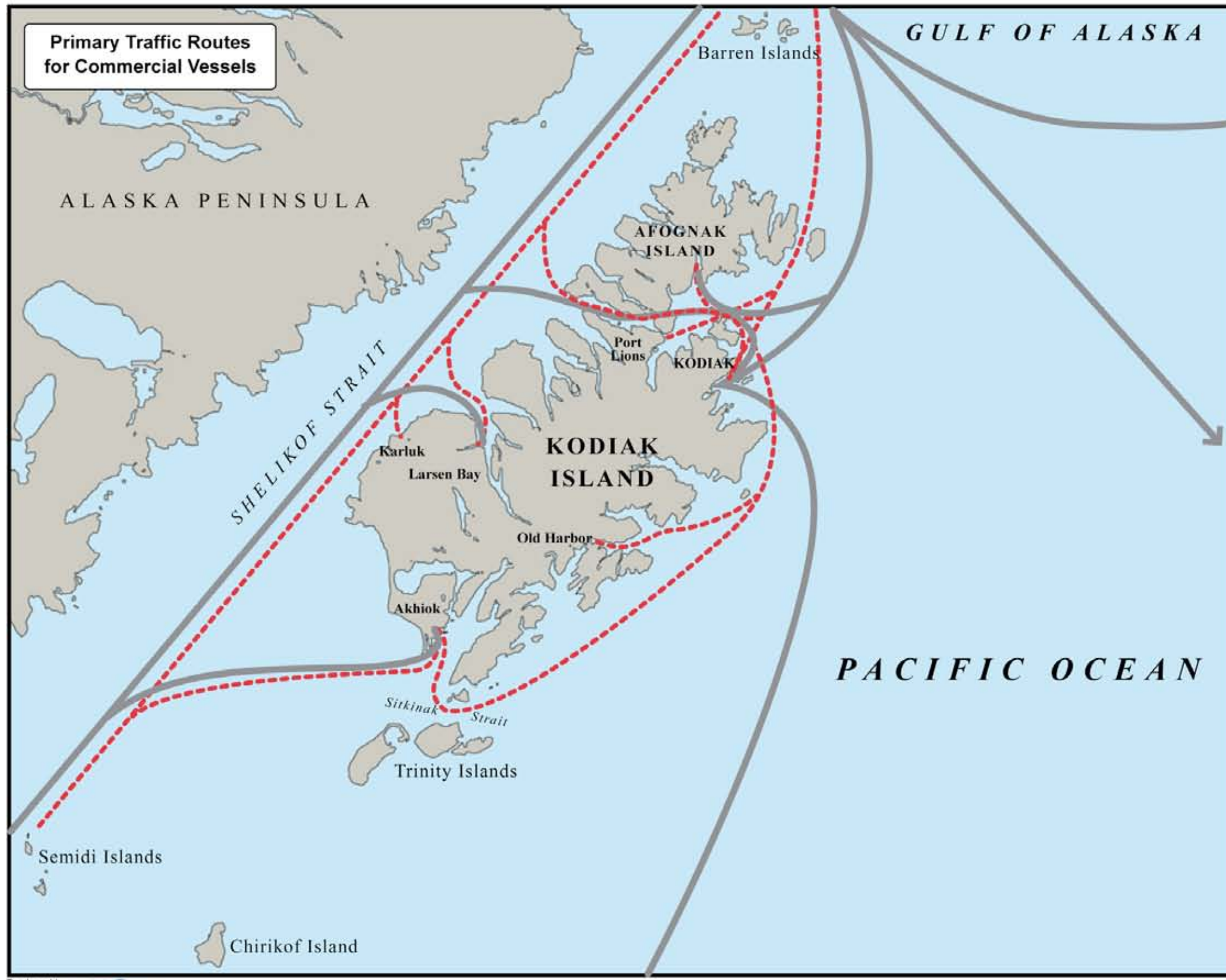
Setnet Fishing Grounds

Hatchery Remote Release Site

Cannery Abandoned Cannery

GRS Sites

Figure H-2. Primary Traffic Routes for State Ferries and Cruise Ships.



August 30, 2006

KODIAK, Alaska

POTENTIAL PLACES OF REFUGE and RISK FACTORS

RISK SYMBOLS

				Potential Places of Refuge
				Response Equipment Depot
Commerical Route				
- - - - - Feeder Traffic, non-persistent				
————— Cruise and AMHS Ship Traffic				
- - - - - Small Cruise Ship Traffic				
<i>(Tesoro Alaska Tankers transit to and travel 200nm offshore.)</i>				
Cruise and AMHS Ship Ports of Call				
BULK FUEL STORAGE SITES				
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Frequent Fishing Vessel/Tramper Offload Activities				
Key Nearshore Fishing Grounds				
————— Setnet Fishing Grounds				
		GRS Sites		

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Figure H-3. Primary Traffic Routes for Commercial Vessels.

KODIAK, Alaska

POTENTIAL PLACES OF REFUGE and RISK FACTORS

RISK SYMBOLS

Potential Places of Refuge

- Anchorage
- Dock
- Mooring
- Grounding

Response Equipment Depot

- Chadux
- USCG
- KIB
- KAA

Commerical Route

- Feeder Traffic, non-persistent
- Cruise and AMHS Ship Traffic
- Small Cruise Ship Traffic

(Tesoro Alaska Tankers transit to and travel 200nm offshore.)

Cruise and AMHS Ship Ports of Call

BULK FUEL STORAGE SITES

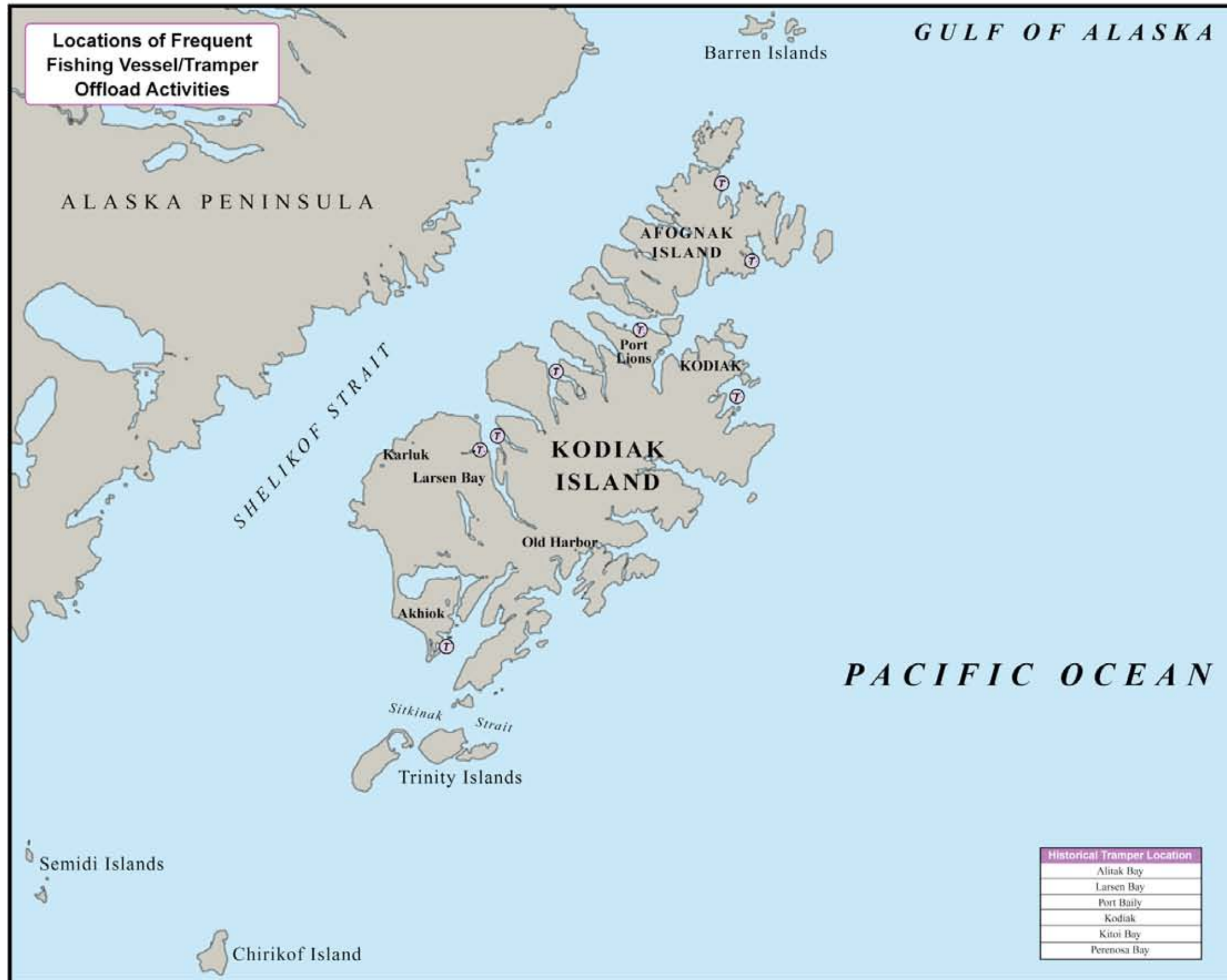
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Frequent Fishing Vessel/Tramper Offload Activities

- Key Nearshore Fishing Grounds
- Setnet Fishing Grounds
- Hatchery
- Remote Release Site
- Cannery
- Abandoned Cannery
- GRS Sites

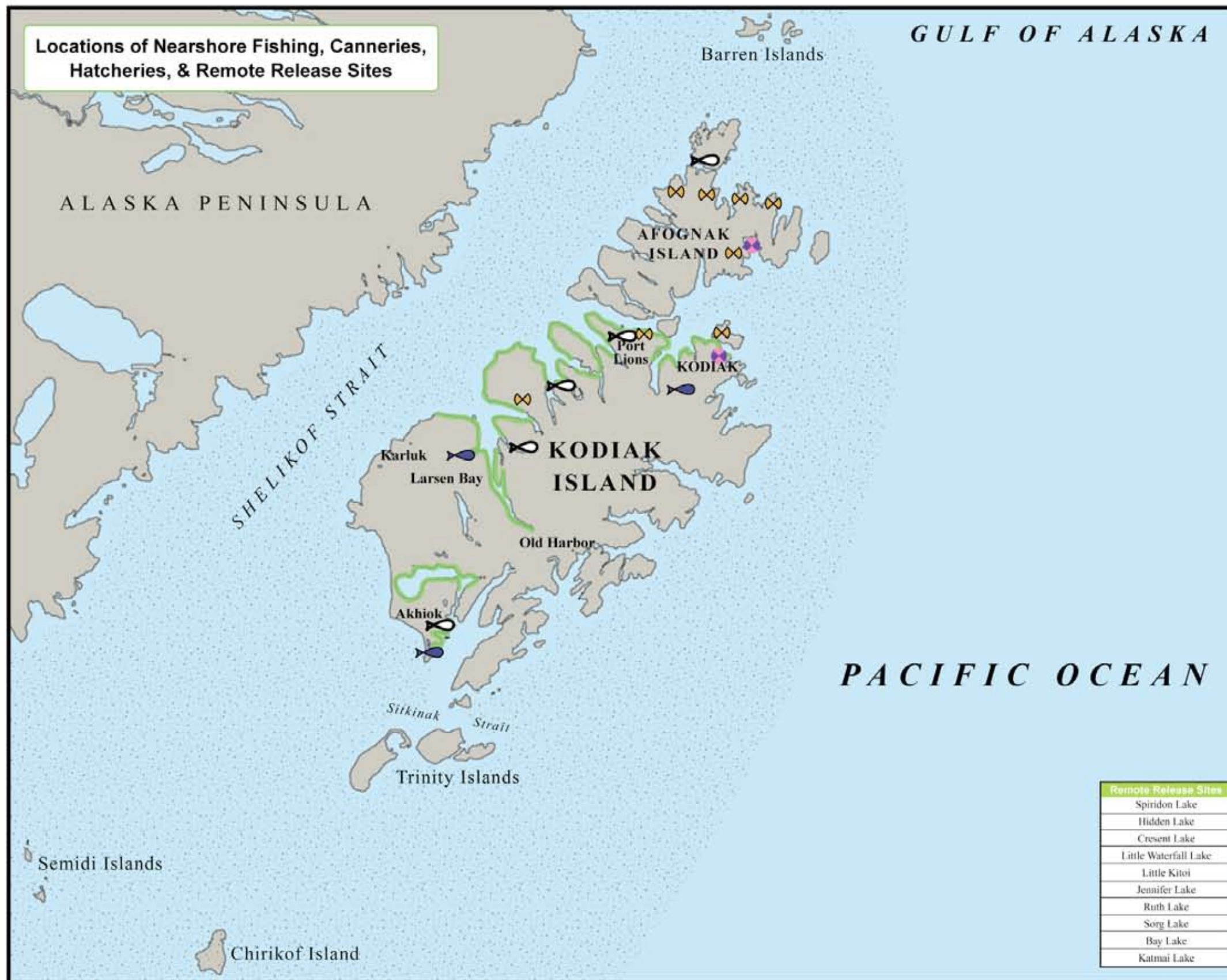


Historical Tramper Location	
Alitak Bay	
Larsen Bay	
Port Bailly	
Kodiak	
Kitoi Bay	
Perenosa Bay	

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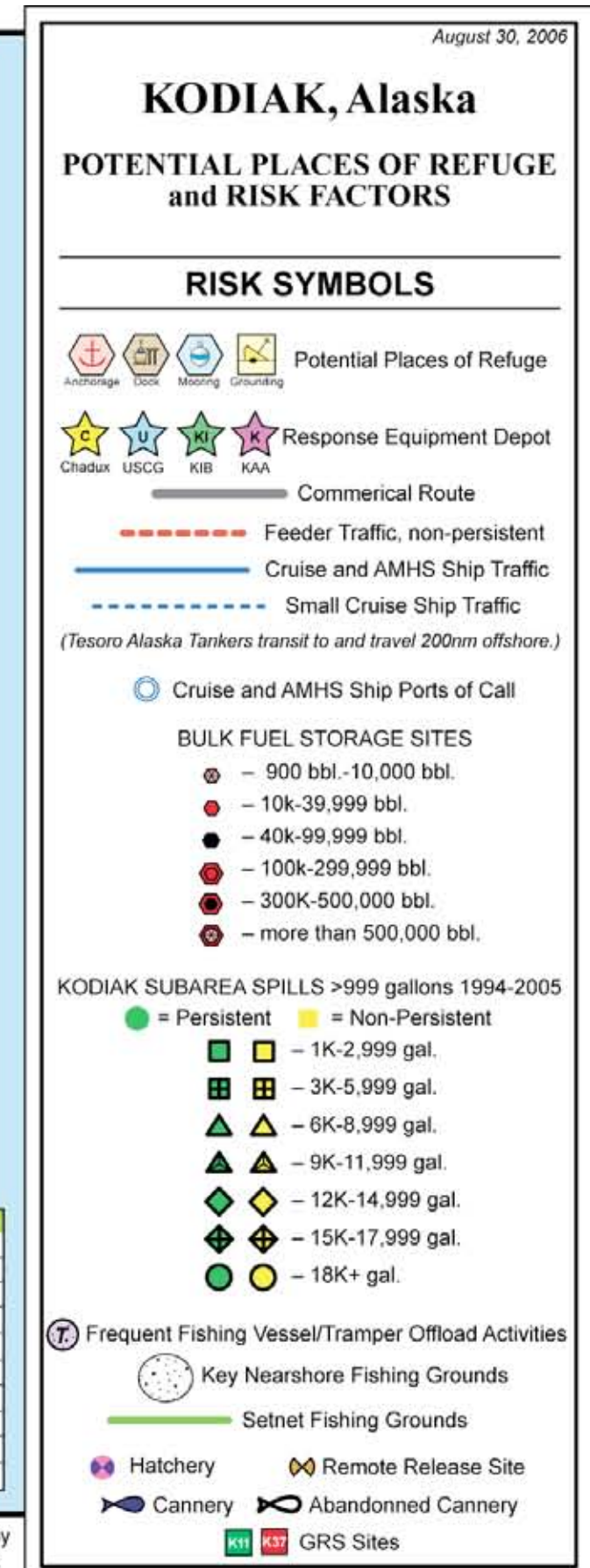
Figure H-4. Locations of Frequent Fishing Vessel/Tramper Offload Activities.

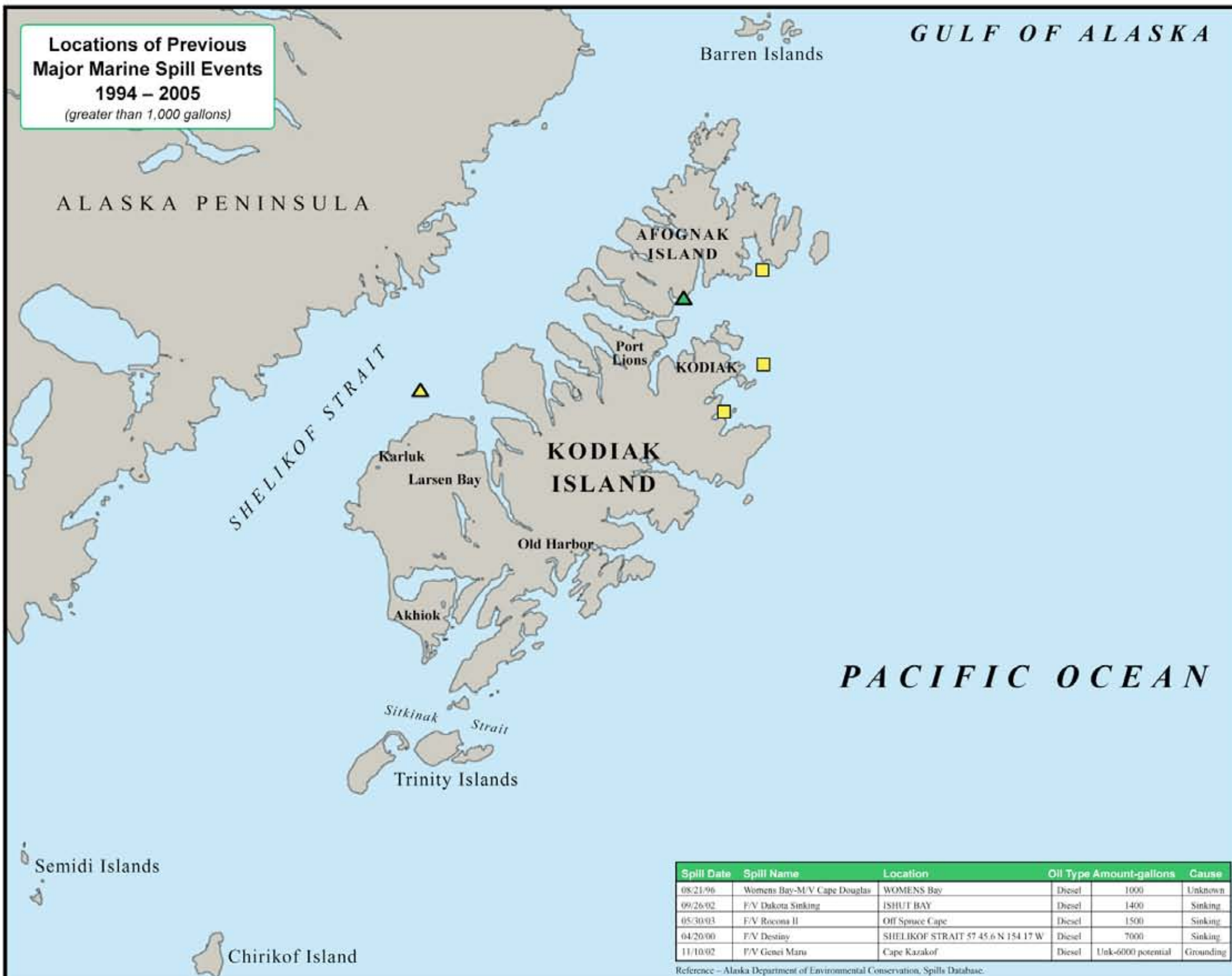


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Figure H-5. Locations of Key Nearshore Fishing, Canneries, Hatcheries, and Remote Release Sites.





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KODIAK, Alaska

POTENTIAL PLACES OF REFUGE and RISK FACTORS

RISK SYMBOLS

Potential Places of Refuge

- Anchorage
- Dock
- Mooring
- Grounding

Response Equipment Depot

- Chadux
- USCG
- KIB
- KAA

Commerical Route

- Feeder Traffic, non-persistent
- Cruise and AMHS Ship Traffic
- Small Cruise Ship Traffic

(Tesoro Alaska Tankers transit to and travel 200nm offshore.)

Cruise and AMHS Ship Ports of Call

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Frequent Fishing Vessel/Tramper Offload Activities

Key Nearshore Fishing Grounds

Setnet Fishing Grounds

Hatchery Remote Release Site

Cannery Abandoned Cannery

GRS Sites

GULF OF ALASKA

PACIFIC OCEAN

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

KODIAK, Alaska

POTENTIAL PLACES OF REFUGE and RISK FACTORS

RISK SYMBOLS

Potential Places of Refuge

- Anchorage
- Hook
- Mooring
- Grounding

Response Equipment Depot

- Chadux
- USCG
- KIB
- KA

Commerical Route

- Feeder Traffic, non-persistent
- Cruise and AMHS Ship Traffic
- Small Cruise Ship Traffic

(Tesoro Alaska Tankers transit to and travel 200nm offshore.)

Cruise and AMHS Ship Ports of Call

BULK FUEL STORAGE SITES

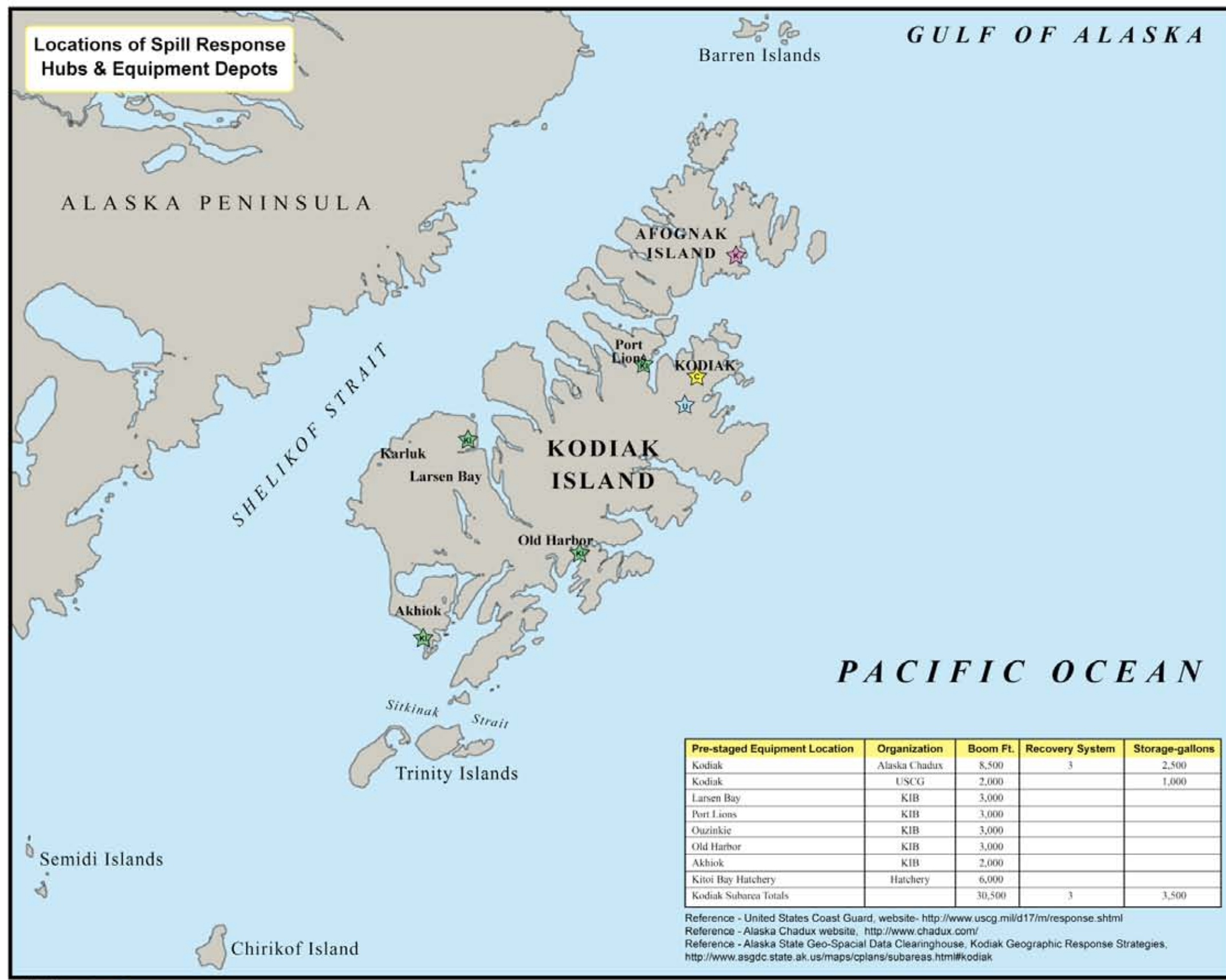
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Frequent Fishing Vessel/Tramper Offload Activities

- Key Nearshore Fishing Grounds
- Setnet Fishing Grounds
- Hatchery
- Remote Release Site
- Cannery
- Abandoned Cannery
- GRS Sites



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Figure H-7. Locations of Spill Response Hubs and Equipment Depots.

KODIAK, Alaska

POTENTIAL PLACES OF REFUGE and RISK FACTORS

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Commercial Route

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Cruise and AMHS Ship Ports of Call

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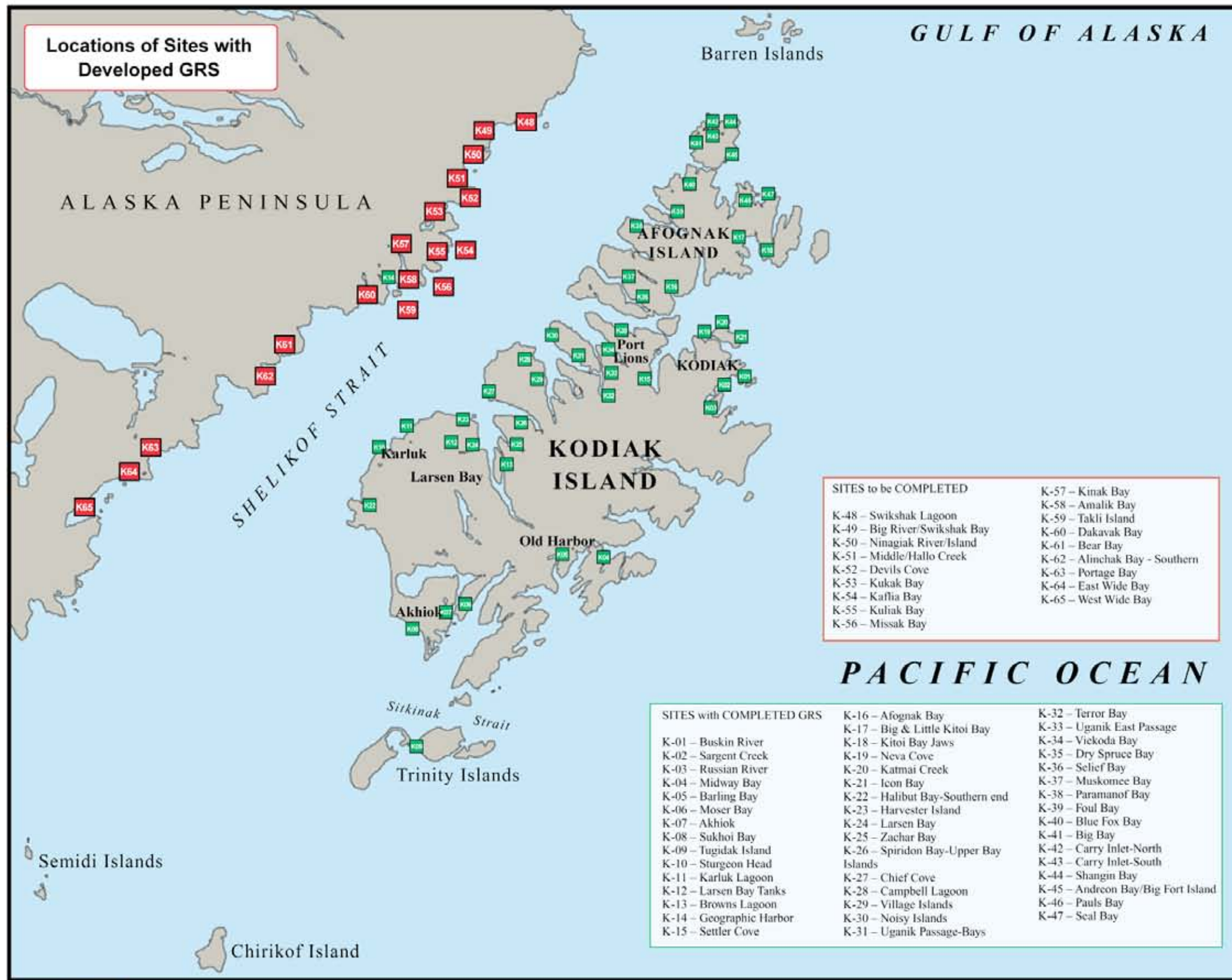
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Frequent Fishing Vessel/Tramper Offload Activities

Key Nearshore Fishing Grounds

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- Hatchery
- Remote Release Site
- Cannery
- Abandoned Cannery

GRS Sites



SITES to be COMPLETED	
K-48 – Swikshak Lagoon	K-57 – Kinak Bay
K-49 – Big River/Swikshak Bay	K-58 – Amalik Bay
K-50 – Ninagiak River/Island	K-59 – Takli Island
K-51 – Middle/Hallo Creek	K-60 – Dakavak Bay
K-52 – Devils Cove	K-61 – Bear Bay
K-53 – Kukak Bay	K-62 – Alimchak Bay - Southern
K-54 – Kaffia Bay	K-63 – Portage Bay
K-55 – Kuliak Bay	K-64 – East Wide Bay
K-56 – Missak Bay	K-65 – West Wide Bay

SITES with COMPLETED GRS		
K-01 – Buskin River	K-16 – Afognak Bay	K-32 – Terror Bay
K-02 – Sargent Creek	K-17 – Big & Little Kitoi Bay	K-33 – Uganik East Passage
K-03 – Russian River	K-18 – Kitoi Bay Jaws	K-34 – Viokoda Bay
K-04 – Midway Bay	K-19 – Neva Cove	K-35 – Dry Spruce Bay
K-05 – Barling Bay	K-20 – Katmai Creek	K-36 – Selief Bay
K-06 – Moser Bay	K-21 – Icon Bay	K-37 – Muskomee Bay
K-07 – Akhiok	K-22 – Halibut Bay-Southern end	K-38 – Paramanof Bay
K-08 – Sukhoi Bay	K-23 – Harvester Island	K-39 – Foul Bay
K-09 – Tugidak Island	K-24 – Larsen Bay	K-40 – Blue Fox Bay
K-10 – Sturgeon Head	K-25 – Zachar Bay	K-41 – Big Bay
K-11 – Karluk Lagoon	K-26 – Spiridon Bay-Upper Bay	K-42 – Carry Inlet-North
K-12 – Larsen Bay Tanks	K-27 – Chief Cove	K-43 – Carry Inlet-South
K-13 – Browns Lagoon	K-28 – Campbell Lagoon	K-44 – Shangin Bay
K-14 – Geographic Harbor	K-29 – Village Islands	K-45 – Andreon Bay/Big Fort Island
K-15 – Settler Cove	K-30 – Noisy Islands	K-46 – Pauls Bay
	K-31 – Uganik Passage-Bays	K-47 – Seal Bay

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Figure H-8. Locations of Sites with Developed Geographic Response Strategies.



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Frequent Fishing Vessel/Tramper Offload Activities

Key Nearshore Fishing Grounds

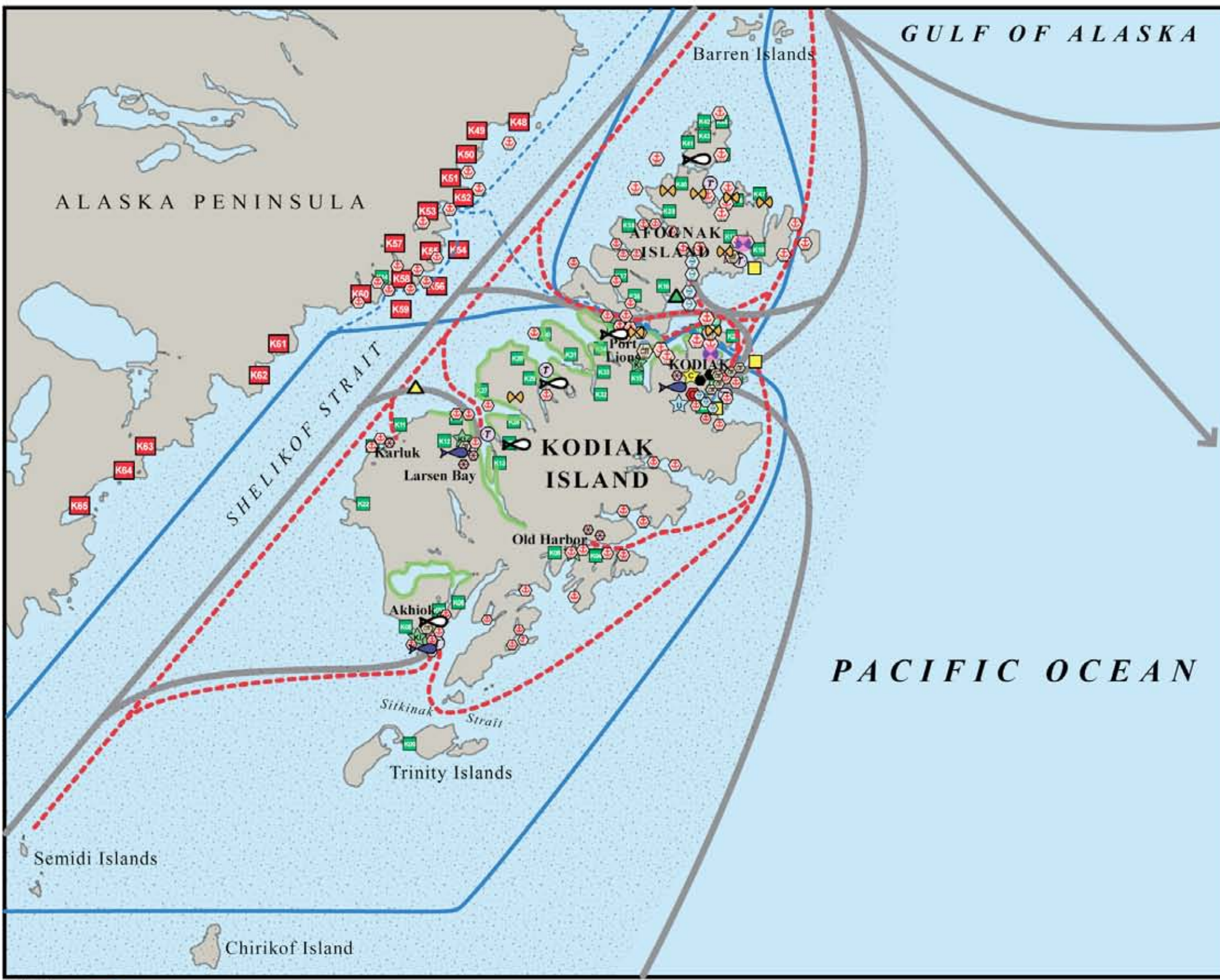
Setnet Fishing Grounds

Hatchery Remote Release Site
 Cannery Abandoned Cannery
 GRS Sites

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



KODIAK, Alaska

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Response Equipment Depot

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Setnet Fishing Grounds

Hatchery Remote Release Site

Cannery Abandoned Cannery

GRS Sites

Potential Places of Refuge

Response Equipment Depot

Commerical Route

Cruise and AMHS Ship Ports of Call

BULK FUEL STORAGE SITES

KODIAK SUBAREA SPILLS >999 gallons 1994-2005

Frequent Fishing Vessel/Tramper Offload Activities

Key Nearshore Fishing Grounds

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Hatchery

Remote Release Site

Cannery

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Figure H-10. All Risk Factors Combined.