

Potential Places of Refuge for Southeast Alaska Subarea



caption.



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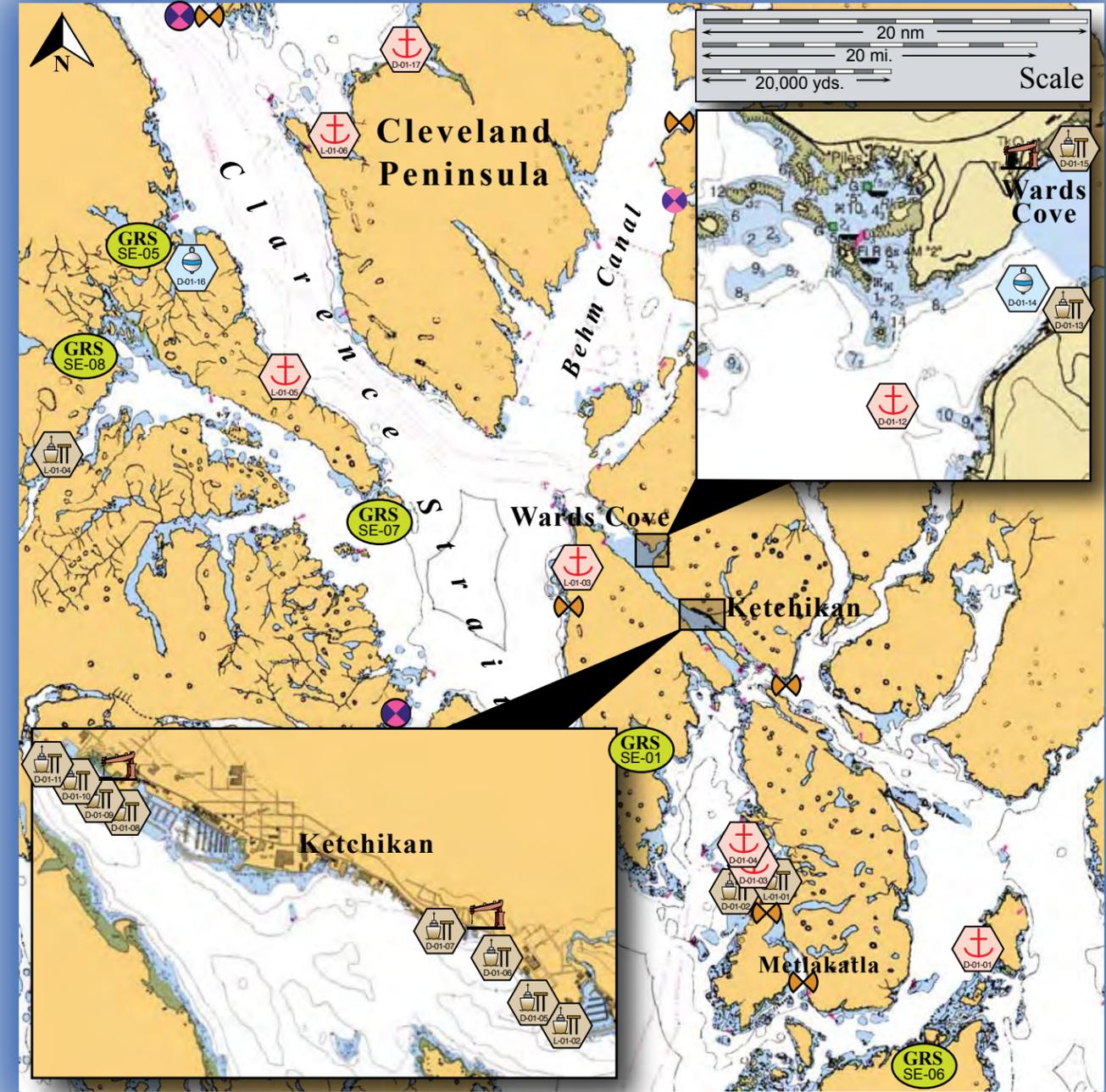


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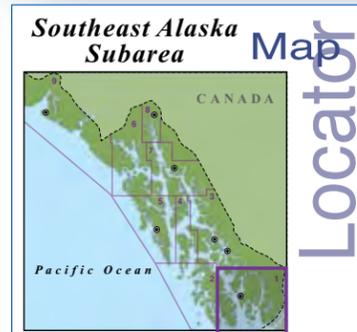
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Center of map at 55° 24.38' N Lat., 131° 50.74' W Lon.



This is not intended for navigational use.

Soundings in fathoms



	Anchorage		Existing GRS
	Mooring		Fish Hatchery
	Dock/pier		Aquatic Farms
	Crane		Private Cabins
	Airport		Public Use Cabins
			Boat Harbor

# Southeast PPOR Map 01

USGS 1:229,376K Quadrangle Map Reference - Hecate Strait to Etolin Island 17420

Site Considerations for PPOR Zone 01 of the Southeast Alaska Subarea															
	Mary Island	Metlakatla City Dock	Port Chester	Nichols Passage	Ketchikan Berth 1&2	Ketchikan Berth 3	Ketchikan Berth 4	AK Marine Lines	Ferry Terminal-1	Ferry Terminal-2	Alaska Ship & Drydock	Ward Cove	Boyer Towing Dock	Ward Cove Mooring	Pulp Mill Dock
ID Number	D-01-01	D-01-02	D-01-03	D-01-04	D-01-05	D-01-06	D-01-07	D-01-08	D-01-09	D-01-10	D-01-11	D-01-12	D-01-13	D-01-14	D-01-15
<b>Human Health &amp; Safety</b>															
Community-distance to (nm)	23 to Ketchikan	0 to Metlakatla	.5 to Metlakatla	2.5 to Metlakatla	0 to Ketchikan	0 to Ketchikan	0 to Ketchikan	0 to Ketchikan	0 to Ketchikan	0 to Ketchikan	0 to Ketchikan	0 to Ketchikan	0 to Ketchikan	0 to Ketchikan	0 to Ketchikan
Health Care Facilities	Full Hospital Services in Ketchikan	Clinic Services in Metlakatla					Full Hospital Services in Ketchikan								
<b>Natural Resources Considerations</b>															
Fish & Wildlife	Spawning salmon & herring, seals, waterfowl	Spawning salmon, seals, waterfowl				Spawning salmon & herring, seals, waterfowl									
Threatened & Endangered Species	None (2010)														
Sensitive Areas	Adjacent area designated sensitive by SE GRS Workgroup	Not Designated		Adjacent area designated sensitive by SE GRS Workgroup	Not Designated										
<b>Other Stakeholder Considerations</b>															
Fisheries	Salmon, Herring, Groundfish, Crab	Salmon, Groundfish, Crab				Salmon, Herring, Groundfish, Crab									
Historic Properties	Historic Properties are present throughout the area.														
Mariculture	None	None				Hatchery operations in the Ketchikan area									
Subsistence	Low level subsistence use	High local subsistence use				Low level subsistence use									
Tourism/Recreation	High level recreational use throughout the area-sport fishing, wildlife viewing, excursions, camping, cruise ships, hunting														
Waterfront Public Facilities/Parks	Tongass National Forest-No waterfront facilities	Small boat harbor and supporting services are present in Metlakatla. Tongass National Forest				Municipality owned small boat harbor and supporting services are present in Ketchikan Tongass National Forest.									
Waterfront Private Facilities	None present	Marine services docks and piers in Metlakatla				Numerous marine services docks and piers.									
<b>Response and Salvage Resource Consideration</b>															
Ability to Boom Vessel	No	Weather Dependent				Yes						Weather Dependent	Yes	Weather Dependent	Yes
Geographic Response Strategies	SE01-06	None (2009)			SE01-01	None (2009)									
Closest Alternative PPOR for a same sized vessel	23 to D-01-05	.5 to D-01-03	.5 to D-01-02	2.5 to D-01-02	.2 to D-01-06	.2 to D-01-07	.2 to D-01-06	.2 to D-01-09	.1 to D-01-10	.2 to D-01-10	.2 to D-01-09	.6 to D-01-14	.1 to D-01-14	.1 to D-01-13	.5 to D-01-14

Table continued below.

Site Considerations for PPOR Zone 01 of the Southeast Alaska Subarea									
	Toistol Bay Moorage	Vixen Inlet	Metlakatla Ferry Dock	Ketchikan Berth 1-C & 1-D	Vallenar Bay	Hollis Ferry Dock	Lyman Anchorage	Union Bay	
ID Number	D-01-16	D-01-17	L-01-01	L-01-02	L-01-03	L-01-04	L-01-05	L-01-06	
<b>Human Health &amp; Safety</b>									
Community-distance to (nm)	6 to Thorne Bay	17 to Thorne Bay	0 to Metlakatla	0 to Ketchikan	9 to Ketchikan	1 to Hollis	15 to Thorne Bay	14 to Thorne Bay	
Health Care Facilities	Clinic Services in Thorne Bay		Clinic Services in Metlakatla	Full Hospital Services in Ketchikan		EMS in Hollis	Clinic Services in Thorne Bay		
<b>Natural Resources Considerations</b>									
Fish & Wildlife	Spawning salmon, seals, waterfowl			Spawning salmon & herring, seals, waterfowl		Spawning salmon, seals, waterfowl	Spawning salmon & herring, seals, waterfowl		
Threatened & Endangered Species	None (2010)								
Sensitive Areas	Adjacent area designated sensitive by SE GRS Workgroup	Not Designated			Adjacent area designated sensitive by SE GRS Workgroup	Not Designated			
<b>Other Stakeholder Considerations</b>									
Fisheries	Salmon, Groundfish, Crab			Salmon, Herring, Groundfish, Crab		Salmon, Groundfish, Crab	Salmon, Herring, Groundfish, Crab		
Historic Properties	Historic Properties are present throughout the area.								
Mariculture	None			Hatchery operations	None				
Subsistence	High local subsistence activities	Low level subsistence use	High local subsistence activities	Low level subsistence use		High local subsistence activities	Low level subsistence use		
Tourism/Recreation	High level recreational use throughout the area-sport fishing, wildlife viewing, excursions, camping, cruise ships, hunting								
Waterfront Public Facilities/Parks	Small Boat Harbor in Thorne Bay	Tongass National Forest-No waterfront facilities	Harbor and supporting services are present in Metlakatla. Tongass National Forest	Municipality owned small boat harbor and supporting services are present in Ketchikan.	Tongass National Forest-No waterfront facilities	Hollis Ferry dock and small dock present	Tongass National Forest-No waterfront facilities		
Waterfront Private Facilities	Private facilities in Thorne Bay	None	Marine services docks and piers in Metlakatla	Numerous marine services docks and piers.	None	Private docks in the area	None		
<b>Response and Salvage Resource Consideration</b>									
Ability to Boom Vessel	No	Weather Dependent	Yes		Weather Dependent	Yes	Weather Dependent		
Geographic Response Strategies	SE01-05	None (2009)				SE01-08	None (2009)		
Closest Alternative PPOR for a same sized vessel	16 to D-01-17	16 to D-01-16	.2 to D-01-02	.2 to D-01-05	8 to D-01-13	26 to L-01-05	17 to L-01-03	16 to L-01-05	

Site ID Number and Vessel Size Classification
D = Deep Draft Vessel-lengths to 1,000 ft or greater, 20-40 ft of draft, greater than 10,000 GT
L = Light Draft Vessel-up to 450 feet in length, draft up to 20 ft

Stakeholders for PPOR Zone 01 of the Southeast Alaska Subarea	
Year-2010	Contact
Alaska Department of Fish & Game	Resource Manager
Alaska Department of Natural Resources	Resource Manager, State Historic Preservation Officer
Cape Fox Corporation	CEO
Central Council Tlingit-Haida Tribal	President
City of Hydaburg	Mayor
City of Ketchikan	Manager
Hydaburg Cooperative Association	President
Haida Corporation	President
Ketchikan Gateway Borough	Manager
Ketchikan Indian Corporation	President
Metlakatla Indian Community	Mayor
Native Allotments	Dept of the Interior-Regional Environmental Officer
Organized Village of Kassan	President
Sealaska Corporation	President
Thorne Bay	Mayor
Tongass National Forest	Forest Supervisor

Tables continued on next page.

NOTE: Sensitive resource information can be found on other maps which can be accessed through the sensitive area section of the Southeast Alaska Subarea Contingency Plan: [http://www.dec.state.ak.us/spar/perp/plans/scp\\_se.htm](http://www.dec.state.ak.us/spar/perp/plans/scp_se.htm)

**Physical and Operational Characteristics for PPOR Map 01 of the Southeast Alaska Subarea**

	Mary Island	Metlakatla City Dock	Port Chester	Nichols Passage	Ketchikan Berth 1&2	Ketchikan Berth 3	Ketchikan Berth 4	AK Marine Lines	Ferry Terminal-1	Ferry Terminal-2	Alaska Ship & Drydock
<b>ID Number</b>	D-01-01	D-01-02	D-01-03	D-01-04	D-01-05	D-01-06	D-01-07	D-01-08	D-01-09	D-01-10	D-01-11
Location (in the general area)	55°03.23'N 131°16.25'W	55°07.74'N 131°34.14'W	55°07.92'N 131°33.48'W	55°09.98'N 131°36.70'W	55°20.40'N 131°38.76'W	55°20.58'N 131°39.00'W	55°20.64'N 131°39.36'W	55°21.12'N 131°41.40'W	55°21.24'N 131°41.70'W	55°21.30'N 131°41.76'W	55°21.30'N 131°41.94'W
Maximum Vessel Size	Deep Draft Vessels- lengths to 1000 feet or greater, 20-40 feet of draft, greater than 10,000 GT										
Type of Berthing	Anchorage	Dock	Anchorage				Dock				
Contact	Harbormaster 907.874.3736	Harbormaster 907.866.4646		N/A		Harbormaster 907.228.5632		Manager 907.225.7660	Terminal Manager 907.225.6182		Director 907.225.7199
Navigational Approach	Approach from the SW or N	Approach from the W via marked channel		Approach from the S or N		NW or SE via marked channel-Approach has little maneuvering room.					
Minimum Water Depths (MLLW)	32 fathoms	35 ft.	21 fathoms	23 fathoms	30-40 ft.	40 ft.	35 ft.	35 ft.	35 ft.	40 ft.	35 ft.
Maximum Vessel Draft	40 ft. +	30 ft.	40 ft. +	40 ft. +	30 ft.	35 ft.	30 ft.	30 ft.	30 ft.	35 ft.	30 ft.
Swing Room or Dock Face (w/ dolphins)	6000 ft.	400 ft.	2800 ft.	3000 ft.	1605 ft.	575 ft.-face 864 ft.-total	400 ft.-face 850 ft.-total	400 ft.	550 ft.	450 ft.	560 ft.
Bottom Type	Sand, gravel	N/A	Mud, rocky	Gravel	N/A						
Nearest Alternative Dock/Piers	23 nm to D-01-05	13.5 nm to D-01-05	13 nm to D-01-05	13 nm to D-01-05	.2 nm to D-01-06	.2 nm to D-01-07	.2 nm to D-01-06	.2 nm to D-01-09	.1 nm to D-01-10	.1 nm to D-01-09	.2 nm to D-01-09
Nearest Alternative Anchorage	24 nm to D-01-02	.5 nm to D-01-03	2.5 nm to D-01-04	2.5 nm to D-01-03	5 nm to D-01-12	4.5 nm to D-01-12	4 nm to D-01-12	3 nm to D-01-12	2.8 nm to D-01-12	2.8 nm to D-01-12	2.6 nm to D-01-12
Prevailing Winds	Strongest winds are usually out of the N, E, and SE. May through September NW winds dominate. E and SE winds blow more than 50 percent of the time from October through February										
Currents	Tidal currents at the anchorage under 1.5 knots	Currents under 1 knot	Minimal current at the anchorage.	Minimal current at the anchorage.	The tidal current in Tongass Narrows is generally weak. Areas around Idaho Rock report currents approx. 2.5 knots.						
Tides	Mean High 14.5 ft. (Higher 15.4) Mean Low 1.5 (Lower -4.5)	Mean High 13.8 ft. (Higher 14.7) Mean Low 1.5 (Lower -4.5)				Mean High 14.5 ft. (Higher 15.4) Mean Low 1.6 (Lower 0.0)					
Sea Conditions	Exposed to swells from the NE	Sheltered		Sheltered		Sheltered					
Shelter from Severe Storms	Sheltered from E-W storms			Sheltered from E & W storms		Sheltered					
Fog	Frequent throughout the year. Advection fog may present problems, particularly from July to September.										
Ice	Ice may form in bays from November until May if colder conditions prevail.										

**Physical and Operational Characteristics for PPOR Map 01 of the Southeast Alaska Subarea**

	Ward Cove	Boyer Towing Dock	Ward Cove Mooring	Pulp Mill Dock	Tolstoi Bay Moorage	Vixen Inlet	Metakatla Ferry Dock	Ketchikan Berth 1-C & 1-D	Vallenar Bay	Hollis Ferry Dock	Lyman Anchorage	Union Bay
<b>ID Number</b>	D-01-12	D-01-13	D-01-14	D-01-15	D-01-16	D-01-17	L-01-01	L-01-02	L-01-03	L-01-04	L-01-05	L-01-06
Location (in the general area)	55°23.52'N 131°44.76'W	55°23.82'N 131°43.68'W	55°23.88'N 131°43.92'W	55°24.36'N 131°43.56'W	55°38.84'N 132°26.06'W	55°49.94'N 132°06.81'W	55°07.14'N 131°32.82'W	55°20.33'N 131°38.64'W	55°23.50'N 131°51.39'W	55°29.47'N 132°37.51'W	55°32.70'N 132°17.31'W	55°45.01'N 132°12.17'W
Maximum Vessel Size	Deep Draft Vessels- lengths to 1000 feet or greater, 20-40 feet of draft, greater than 10,000 GT							Light Draft Vessel - up to 450 feet in length, draft up to 20 feet				
Type of Berthing	Anchorage	Dock	Mooring	Dock	Mooring	Anchorage	Dock		Anchorage	Dock	Anchorage	
Contact	N/A	Terminal Manager 907.225.2090		Harbormaster 907.228.5632	Sealaska Corp. 907.225.9444	N/A	Terminal Manager 907.225.6182	Harbormaster 907.228.5632	N/A	Terminal Manager 907.225.6182	N/A	
Navigational Approach	Approach from the E				Approach from the N	Approach from the E-NW	Approach from the W via marked channel	NW or SE via marked channel-Approach has little maneuvering room	Approach from the N	NW from from Kasan Bay	Approach from the N-SW	Approach from the N
Minimum Water Depths (MLLW)	30 fathoms	40 ft.	26 fathoms	30 ft.	73 fathoms	28 fathoms	24 ft.	20 ft.	32 fathoms	25 ft.	9 fathoms	34 fathoms
Maximum Vessel Draft	40 ft. +	35 ft.	40 ft. +	25 ft.	40 ft. +		20 ft.	15 ft.	20 ft. +	20 ft.		20 ft. +
Swing Room or Dock Face (w/ dolphins)	1500 ft.	750 ft.	600 ft.	800 ft.	1800 ft.	3000 ft.	280 ft.	860 ft.	3000 ft.	200 ft.	1500 ft.	2400 ft.
Bottom Type	Mud	N/A				Rocky	N/A		Sand	N/A	Rocky	Sand, gravel
Nearest Alternative Dock/Piers	1.5 nm to D-01-13	0.7 to D-01-15	0.6 nm to D-01-13	0.5 nm to D-01-13	31 nm to D-01-13	37 nm to D-01-13	1 nm to D-01-02	.2 nm to D-01-05	8 nm to D-01-13	33 nm to D-01-13	20 nm to D-01-13	35 nm to D-01-13
Nearest Alternative Anchorage	0.6 nm to D-01-14	0.7 nm to D-01-13	0.6 nm to D-01-12	0.5 nm to D-01-14	16 nm to D-01-17	16 nm to D-01-16	1 nm to D-01-03	4 nm to D-01-12	13 nm to D-01-12	26 nm to L-01-05	17 nm to L-01-03	16 nm to L-01-05
Prevailing Winds	Strongest winds are usually out of the N, E, and SE. May through September NW winds dominate. E and SE winds blow more than 50 percent of the time from October through February											
Currents	The tidal current in Tongass Narrows is generally weak. Areas around Idaho Rock report currents approx. 2.5 knots.				Minimal current at moorage.	Minimal current at anchorage.	Currents under 1 knot.	The tidal current in Tongass Narrows is generally weak.	Minimal current at anchorage.	Currents under 1 knot.	Minimal current at anchorage.	
Tides	Mean High 14.8 ft. (Higher 15.7) Mean Low 1.6 (Lower -5.5)				Mean High 14.8 ft. (Higher 15.7) Mean Low 1.5 (Lower 4.5)	Mean High 15.7 ft. (Higher 16.5) Mean Low 1.5 (Lower 4.5)	Mean High 13.8 ft. (Higher 14.7) Mean Low 1.5 (Lower 4.5)	Mean High 14.5 ft. (Higher 15.4) Mean Low 1.6 (Lower 0.0)	Mean High 14.4 ft. (Higher 15.3) Mean Low 1.4 (Lower -4.5)	Mean High 14.7 ft. (Higher 15.6) Mean Low 1.6 (Lower -4.5)		Mean High 15.7 ft. (Higher 16.5) Mean Low 1.5 (Lower -4.5)
Sea Conditions	Sheltered					Sheltered from NW-SE		Sheltered		Sheltered from NW-SE		Sheltered from W-E
Shelter from Severe Storms	Sheltered					Exposed to swell from the W N		Sheltered		Exposed to the NW-N		Exposed to swell from the N
Fog	Frequent throughout the year. Advection fog may present problems, particularly from July to September.											
Ice	Ice may form in bays from November until May if colder conditions prevail.											

NOTE: Sensitive resource information can be found on other maps which can be accessed through the sensitive area section of the Southeast Alaska Subarea Contingency Plan: [http://www.dec.state.ak.us/spar/perp/plans/scp\\_se.htm](http://www.dec.state.ak.us/spar/perp/plans/scp_se.htm)

Potential Places of Refuge for Southeast Alaska Subarea



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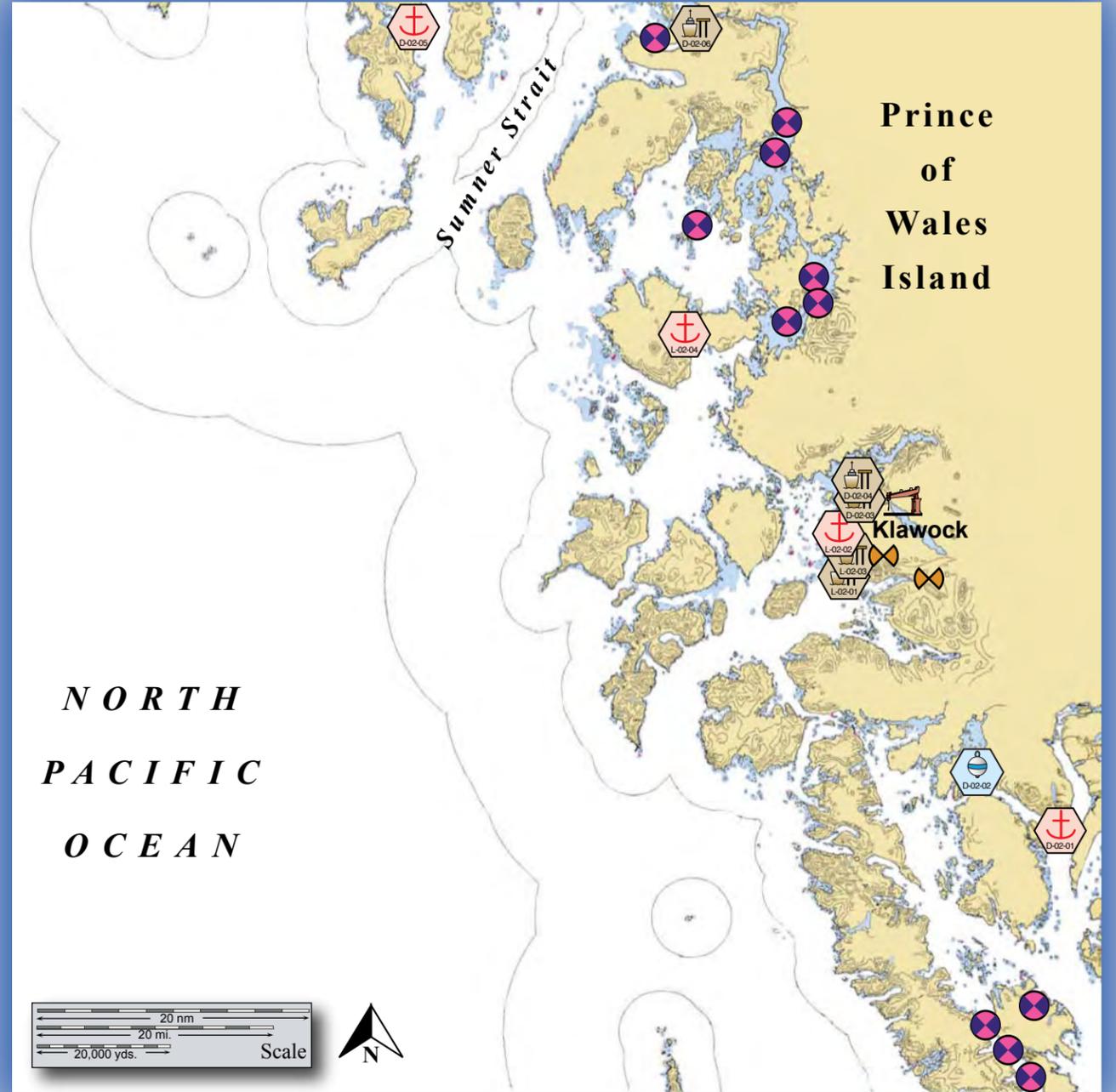


caption.



caption.

Center of map at 55° 33.07' N Lat., 134° 00.34' W Lon.



This is not intended for navigational use.

Soundings in fathoms



	Anchorage		Existing GRS
	Mooring		Fish Hatchery
	Dock/pier		Aquatic Farms
	Crane		Private Cabins
	Airport		Public Use Cabins
			Boat Harbor

# Southeast PPOR Map 02

USGS 1:229,376K Quadrangle  
Map Reference - Dixon Entrance to Chatham Strait 17400\_1

Site Considerations for PPOR Zone 02 of the Southeast Alaska Subarea										
	Alder Cove Anchorage	Saltery Point Moorage	Klawock Mill Dock	Klawock AML Dock	Kell Bay	Admiralty Mine Dock	Craig City Dock	Crab Bay Anchorage	Petro-Marine Dock	Warm Chuck Inlet
ID Number	D-02-01	D-02-02	D-02-03	D-02-04	D-02-05	D-02-06	L-2-01	L-2-02	L-2-03	L-2-04
<b>Human Health &amp; Safety</b>										
Community-distance to (nm)	7 to Hydaburg	1.5 to Hydaburg	0 to Klawock	0 to Klawock	55 to Craig	63 to Craig	0 to Craig	0.3 to Craig	0 to Craig	22 to Craig
Health Care Facilities	Clinic Services in Hydaburg		Clinic Services in Klawock			Clinic services in Craig				
<b>Natural Resources Considerations</b>										
Fish & Wildlife	Spawning salmon & herring, seals, waterfowl	Spawning salmon, seals, waterfowl	Spawning salmon & herring, seals, waterfowl		Spawning salmon, seals, waterfowl		Spawning salmon & herring, seals, waterfowl		Spawning salmon, seals, waterfowl	
Threatened & Endangered Species	None (2010)									
Sensitive Areas	Not Designated	Saltery Point-Crab Trap Cove Area Meriting Special Attention	Not Designated				Adjacent area designated important habitat by Craig Coastal Management Program		Not Designated	
<b>Other Stakeholder Considerations</b>										
Fisheries	Salmon, Groundfish, Crab	Salmon, Groundfish, Crab	Salmon, Herring, Groundfish, Crab		Salmon, Groundfish, Crab		Salmon, Herring, Groundfish, Crab		Salmon, Groundfish, Crab	
Historic Properties	Historic Properties are present throughout the area.									
Mariculture	None	None	Hatchery operations in the area.		None	Mariculture activities in the area	Hatchery operations in the area.		None	
Subsistence	Low level subsistence use	High local subsistence use			Low level subsistence use		High local subsistence use		Low level subsistence use	
Tourism/Recreation	High level recreational use throughout the area-sport fishing, wildlife viewing, excursions, camping, cruise ships, hunting									
Waterfront Public Facilities/Parks	Tongass National Forest-No waterfront facilities	Small boat harbor and supporting services are present in Hydaburg. Tongass National Forest	Municipality owned small boat harbor and supporting services are present in Klawock. Tongass National Forest.		Tongass National Forest, no services available		Municipality owned small boat harbor and supporting services are present in Craig. Tongass National Forest.		Tongass National Forest, no services available.	
Waterfront Private Facilities	None present	Marine services docks and piers in Hydaburg.	Additional marine services docks and piers in Klawock.		None present		Additional marine services docks and piers in Craig.		None present	
<b>Response and Salvage Resource Consideration</b>										
Ability to Boom Vessel	No	Weather Dependent	Yes	Yes	No	Yes	Yes	Weather Dependent	Yes	Weather Dependent
Geographic Response Strategies	None (2010)									
Closest Alternative PPOR for a same sized vessel	7 to D-02-02	7 to D-02-01	.75 to D-02-04	.75 to D-02-03	27 to D-02-06	27 to D-02-05	.75 to L-02-03	.2 to L-02-03	.2 to L-02-02	22 to L-02-02

Site ID Number and Vessel Size Classification	
D = Deep Draft Vessel-lengths to 1,000 ft or greater, 20-40 ft of draft, greater than 10,000 GT	
L = Light Draft Vessel-up to 450 feet in length, draft up to 20 ft	
Stakeholders for PPOR Zone 02 of the Southeast Alaska Subarea	
Year-2010	Contact
Alaska Department of Fish & Game	Resource Manager
Alaska Department of Natural Resources	Resource Manager, State Historic Preservation Officer
Central Council Tlingit-Haida Tribal	President
City of Craig	Mayor
City of Klawock	Mayor
Klawock Heenya Corporation	President
Native Allotments	Dept of the Interior-Regional Environmental Officer
Sealaska Corporation	President
Shaan-See Inc.	President
Tongass National Forest	Forest Supervisor

Physical and Operational Characteristics for PPOR Map 02 of the Southeast Alaska Subarea										
	Alder Cove Anchorage	Saltery Point Moorage	Klawock Mill Dock	Klawock Island Dock	Kell Bay	Admiralty Mine Dock	Craig City Dock	Crab Bay Anchorage	Petro-Marine Dock	Warm Chuck Inlet
ID Number	D-02-01	D-02-02	D-02-03	D-02-04	D-02-05	D-02-06	L-02-01	L-02-02	L-02-03	L-02-04
Location-(In the general area of)	55°06.84'N 132°38.58'W	55°11.10'N 132°48.24'W	55°32.40'N 133°06.42'W	55°33.24'N133°06.66'W	56°09.48'N134°06.36'W	56°09.60'N133°28.08'W	55°28.62'N133°09.24'W	55°29.04'N133°09.00'W	55°29.28'N133°08.52'W	55°45.36'N133°29.82'W
Maximum Vessel Size	Deep Draft Vessels- lengths up to 1000 feet, 20-40 feet of draft, greater than 10,000 GT						Light Draft Vessel - up to 450 feet in length, draft up to 20 feet			
Type of Berthing	Anchorage	Moorage	Dock		Anchorage	Dock		Anchorage	Dock	Anchorage
Contact	N/A	Sealaska Timber Corp. 907.225.9444	Viking Lumber Co. 907.755.8880	Office 907.225.9444	N/A	Select Resources Inc.1800.579.9314	Harbor master 907.826.3404	N/A	Plant Manager 907.826.3296	N/A
Navigational Approach	Approach from the SW	SE through Sukkwan Strait	Approach via marked channel from San Alberto Bay		Approach from the E via Affleck Canal	Approach via Shakan Strait	Approach via marked channel from San Alberto Bay			Approach from the SE
Minimum Water Depths (MLLW)	9 fathoms	6 fathoms	42 feet	37 feet	11 fathoms	34 feet	20 feet	9 fathoms	20 feet	18 fathoms
Maximum Vessel Draft	40 ft. +	30 ft.	35 ft.	30 ft.	40 ft. +	30 ft.	15 ft.	20 ft. +	15 ft.	20 ft. +
Swing Room or Dock Face (w/ dolphins)	3000 ft.	800 ft.	500 ft. face 900 ft. total	440 ft.	3000 ft.	250 ft.	72 ft.	1200 ft.	100 ft.	1800 ft.
Bottom Type	Mud, Shells	N/A		N/A	Mud	N/A	N/A	Mud	N/A	Rocky
Nearest Alternative Dock/Piers	73 nm to D-01-02 (Metlakatla)	80 nm to D-01-02 (Metlakatla)	0.75 nm to D-02-04	0.75 nm to D-02-03	28 nm to D-02-06	55 nm to D-02-03	0.75 nm to L-02-02	0.5 nm to L-02-01	0.75 nm to L-02-01	20 nm to L-02-01
Nearest Alternative Anchorage	7.5 nm to D-02-02	7.5 nm to D-02-01	50 nm to D-02-05	50 nm to D-02-05	53 nm to D-03-02	28 nm to D-02-05	0.5 nm to L-02-02	20 nm to L-02-04	0.5 nm to L-02-02	20 nm to L-02-02
Prevailing Winds	Strongest winds are usually out of the N, E, and SE. May through September NW winds dominate. E and SE winds blow more than 50 percent of the time from October through February									
Currents	Light currents in the Inlet. Minimal currents at the anchorages	The average maximum current is about 1.3 knots and sets NW with the flood and SE with the ebb..	Minimal currents at the docks.		Minimal currents at the anchorages	currents unreported at the dock.	Light currents. The flood current sets toward the wharf and the ebb current sets off the wharf.		Light currents in the Strait. Minimal currents at the anchorages	
Tides	Mean High 11.8 ft. (Higher 12.7) Mean Low 1.5 (Lower -4.0)	Mean High 12.0 ft. (Higher 12.9) Mean Low 1.5 (Lower -4.0)	Mean High 9.2ft. (Higher 10) Mean Low 0.0 (Lower -4.0)		Mean High 10.4 ft. (Higher 11.2) Mean Low 1.4(Lower 0.0)	Mean High 10.9 ft. (Higher 11.7) Mean Low 1.3 (Lower -4.0)	Mean High 9.2ft. (Higher 10) Mean Low 0.0 (Lower -4.0)			Mean High 9.3ft. (Higher 10.2) Mean Low 0.0 (Lower -4.0)
Sea Conditions	Exposed to swells from the N & S	Sheltered		Sheltered	Sheltered	Sheltered	Sheltered			Exposed to swell from the SE
Shelter from Severe Storms	Sheltered from E & W storms	Sheltered		Sheltered	Sheltered	Sheltered	Sheltered			Sheltered from storms from the SW-SE
Fog	Frequent throughout the year. Heaviest from June-July.									
Ice	Ice can form in bays from November until May if colder conditions prevail.									

NOTE: Sensitive resource information can be found on other maps which can be accessed through the sensitive area section of the Southeast Alaska Subarea Contingency Plan: [http://www.dec.state.ak.us/spar/perp/plans/scp\\_se.htm](http://www.dec.state.ak.us/spar/perp/plans/scp_se.htm)

Potential Places of Refuge for Southeast Alaska Subarea



caption.



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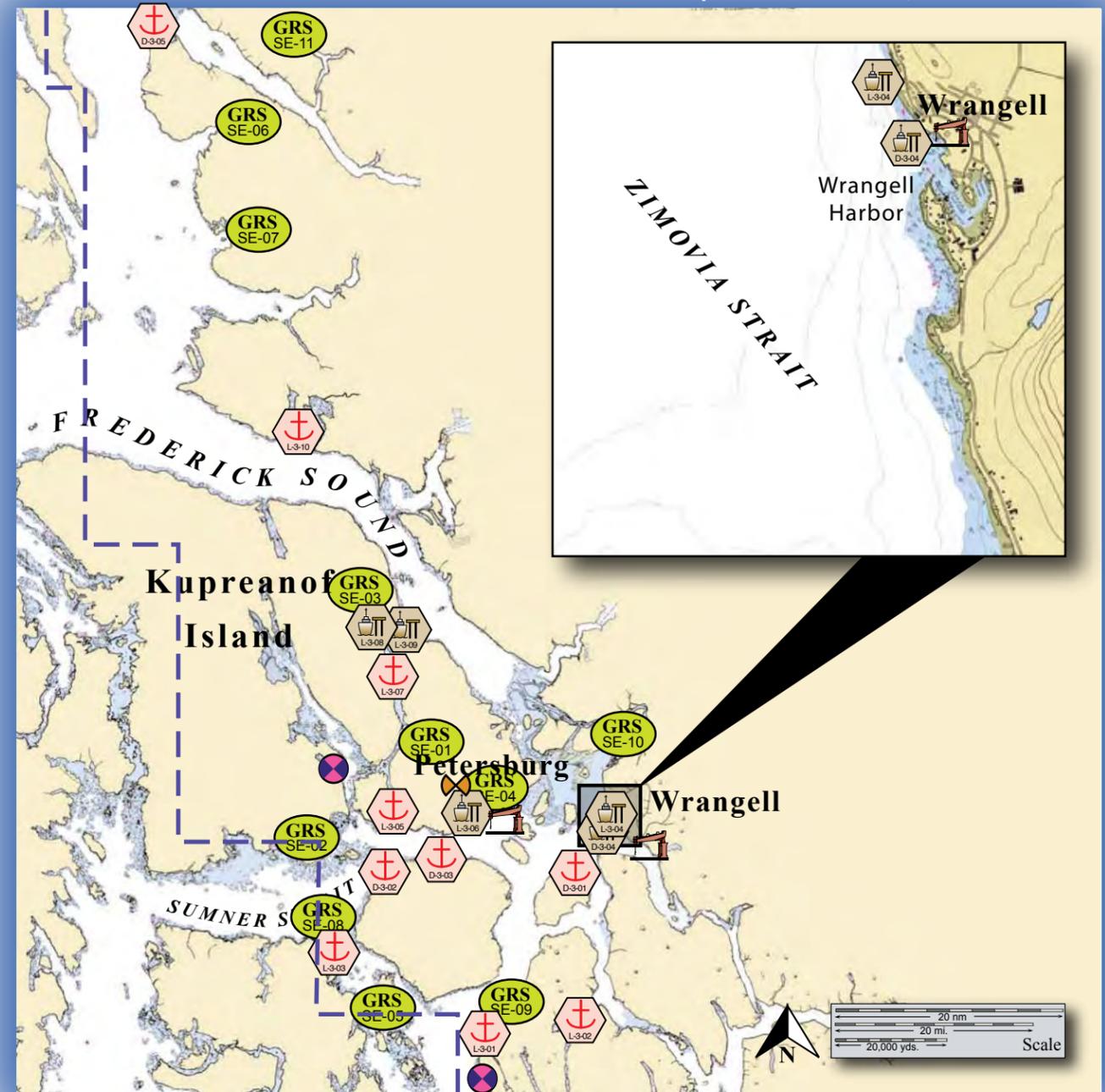


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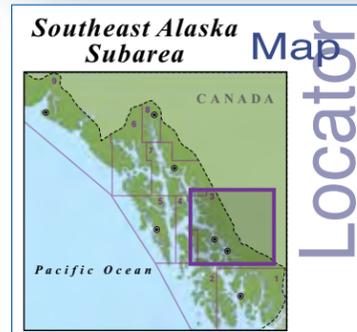
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Center of map at 55° 24.38' N Lat., 131° 50.74' W Lon.



This is not intended for navigational use.

Soundings in fathoms



	Anchorage		Existing GRS
	Mooring		Fish Hatchery
	Dock/pier		Aquatic Farms
	Crane		Private Cabins
	Airport		Public Use Cabins
			Boat Harbor

# Southeast PPOR Map 03

USGS 1:217,828K Quadrangle Map Reference - Etolin Isl to Midway Isl Including Sumner Strait 17360\_1

Site Considerations for PPOR Zone 03 of the Southeast Alaska Subarea															
	Woronkofski Island	St. John Harbor	Baht Harbor	Wrangell Cruise Vessel Wharf	Holkum Bay	Steamer Bay	Anita Bay	Salmon Bay	Wrangell Ferry Terminal	Point Alexander	South Mitkof Ferry Terminal	Scow Bay Anchorage	Petersburg Ferry Dock	Petersburg Ocean Beauty Dock	Farragut Bay
ID Number	D-3-01	D-3-02	D-3-03	D-3-04	D-3-05	L-3-01	L-3-02	L-3-03	L-3-04	L-3-05	L-3-06	L-3-07	L-3-08	L-3-09	L-03-10
<b>Human Health &amp; Safety</b>															
Community-distance to (nm)	2.5 to Wrangell	20 to Wrangell	14 to Wrangell	0 to Wrangell	40 to Juneau	24 to Wrangell	17 to Wrangell	30 to Wrangell	0 to Wrangell	20 to Wrangell	12 to Wrangell	2.5 to Petersburg	0 to Petersburg	0 to Petersburg	23 to Petersburg
Health Care Facilities	Clinic Services in Wrangell				Full Hospital Services in Juneau	Clinic Services in Wrangell						Clinic Services in Petersburg			
<b>Natural Resources Considerations</b>															
Fish & Wildlife	Spawning salmon & herring, seals, waterfowl														
Threatened & Endangered Species	None (2010)														
Sensitive Areas	MESA-63-Stikine River Flats nearby	Not Designated	MESA-63-Stikine River Flats nearby. Area designated sensitive by SE GRS Workgroup	Not Designated	Area designated sensitive by SE GRS Workgroup	Not Designated	Area designated sensitive by SE GRS Workgroup	MESA-63-Stikine River Flats nearby.	Area designated sensitive by SE GRS Workgroup	MESA-63-Stikine River Flats nearby. Area designated sensitive by SE GRS Workgroup.	Area designated sensitive by SE GRS Workgroup			Not Designated	
<b>Other Stakeholder Considerations</b>															
Fisheries	Salmon, Groundfish, Crab														
Historic Properties	Historic Properties are present throughout the area.														
Mariculture	None														
Subsistence	High local subsistence use	Low level local subsistence use				High local subsistence use	Low level local subsistence use		High local subsistence use						Low level local subsistence use
Tourism/Recreation	High level recreational use throughout the area-sport fishing, wildlife viewing, excursions, camping, cruise ships, hunting														
Waterfront Public Facilities/Parks	Municipality owned small boat harbor and supporting services are present in Wrangell. Tongass National Forest.	Tongass National Forest-no services available.	Municipality owned small boat harbor and supporting services are present in Wrangell. Tongass National Forest.	Tongass National Forest-no services available.	Tongass National Forest-no services available.	Tongass National Forest-no services available.	Municipality owned small boat harbor and supporting services are present in Wrangell. Tongass National Forest.	Tongass National Forest-no services available.	State Ferry Dock and small pier and road access to Petersburg. Tongass National Forest.	Municipality owned small boat harbor and supporting services are present in Petersburg. Tongass National Forest.				Tongass National Forest-no services available.	
Waterfront Private Facilities	Marine services docks and piers in Wrangell	None	Marine services docks and piers in Wrangell	None	Small private docks in the vicinity.	None	Marine services docks and piers in Wrangell	None	Marine services docks and piers in Petersburg			None			
<b>Response and Salvage Resource Consideration</b>															
Ability to Boom Vessel	Weather Dependent		No	Yes	Yes	Weather Dependent		Yes	Weather Dependent	Yes	Weather Dependent	Yes		Weather Dependent	
Geographic Response Strategies	SE01-06	None (2009)	SE01-01	None (2009)	SE03-09	SE03-08		SE03-02	SE03-04	SE03-03		None (2010)			
Closest Alternative PPOR for a same sized vessel	2.5 nm to D-03-04	6 nm to D-02-03	6 nm to D-02-02	2.5 nm to D-03-01	25 nm to D-07-02	16 nm to L-03-03	17 nm to L-03-04	6 nm to L-04-02	11 nm to L-03-06	11 nm L-03-06	11 nm L-03-05	.5 nm to L-03-09	.5 nm to L-03-09	.5 nm to L-03-08	27 nm to L-03-09

Stakeholders for PPOR Zone 04 of the Southeast Alaska Subarea	
Year-2010	Contact
Alaska Department of Fish & Game	Resource Manager
Alaska Department of Natural Resources	Resource Manager, State Historic Preservation Officer
City & Borough of Wrangell	Manager
City of Petersburg	Manager
Central Council Tlingit-Haida Tribal	President
Native Allotments	Dept of the Interior-Regional Environmental Officer
Petersburg Indian Association	President
Sealaska Corporation	President
Tongass National Forest	Forest Supervisor
Wrangell Cooperative Association	President

Physical and Operational Characteristics for PPOR Map 03 of the Southeast Alaska Subarea															
	Woronkofski Island	St. John Harbor	Baht Harbor	Wrangell Cruise Vessel Wharf	Holkum Bay	Steamer Bay	Anita Bay	Salmon Bay	Wrangell Ferry Terminal	Point Alexander	South Mitkof Ferry Terminal	Scow Bay Anchorage	Petersburg Ferry Dock	Petersburg Ocean Beauty Dock	Farragut Bay
ID Number	D-03-01	D-03-02	D-03-03	D-03-04	D-03-05	L-03-01	L-03-02	L-03-03	L-03-04	L-03-05	L-03-06	L-03-07	L-03-08	L-03-09	L-03-10
Location-(In the general area of)	56°26.16'N 132°25.91'W	56°26.76'N 133°00.06'W	56°27.21'N 132°48.56'W	56°28.20'N 132°23.28'W	57°45.28'N 133°39.38'W	56°10.52'N 132°42.49'W	56°12.00'N 132°25.14'W	56°17.54'N 133°06.74'W	56°28.44'N 132°23.46'W	56°31.04'N 132°57.85'W	56°31.92'N 132°42.71'W	56°46.00'N 132°58.47'W	56°48.54'N 132°58.56'W	56°48.90'N 132°57.54'W	57°07.29'N 133°14.58'W
Maximum Vessel Size	Deep Draft Vessels- lengths up to 1000 feet, 20-40 feet of draft, greater than 10,000 GT								Light Draft Vessel - up to 450 feet in length, draft up to 20 feet						
Type of Berthing	Anchorage			Dock	Anchorage				Dock	Anchorage	Dock	Anchorage	Dock	Anchorage	
Contact	N/A			Harbormaster 907.874.3736	N/A				Harbormaster 907.874.3736	N/A	Terminal Operations Manager	N/A	Terminal Operations Manager	Plant Manager 206.285.6800 (Oct-March) 907.772.4242 (April-Sept)	N/A
Navigational Approach	N from Stikine Strait or SE from Chichagof Strait	Approach from the E or W in Sumner Strait		Approach from the W	Approach from the SW-NW	Approach from the N	Approach from E via Zimovia Strait	Approach from the W	Approach from the W	Approach from the S	Approach from the SE	Approach from the N or S	Approach from the NW of NE		Approach from the S
Minimum Water Depths (MLLW)	19 fathoms	4.5 fathoms	24 fathoms	35 ft.	26 fathoms	17 fathoms	25 fathoms	24 fathoms	24 ft.	11 fathoms	20 ft.	12 fathoms	28 ft.	20 ft.	25 fathoms
Maximum Vessel Draft	40 ft. +	20 ft.	40 ft. +	30 ft.	40 ft.	30 ft. +	20 ft. +	20 ft. +	20 ft.	20 ft. +	15 ft.	20 ft. +	20 ft. +	15 ft.	20 ft. +
Swing Room or Dock Face (w/ dolphins)	4000 ft.	2000 ft.	3000 ft.	720 ft.	3000 ft.	1800 ft.	2400 ft.	1200 ft.	626 ft.	1600 ft.	80 ft.	900 ft.	600 ft.	300 ft.	2500 ft.
Bottom Type	Mud	Sand, Mud, Gravel	Clay	N/A	Clay, Sand	Shells	Mud	Mud	N/A	Mud, Sand	N/A	Mud, Shells	N/A		Gravel, Rocky, Mud
Nearest Alternative Dock/Piers	2.5nm to D-03-04	21nm to D-03-04	19 nm to D-03-04	88 nm to Ketchikan Docks	41 nm to Juneau Docks	25 nm to Wrangell Docks	20 nm to Wrangell Docks	20 nm to L-03-06	0.3 nm to D-03-04	11 nm to L-03-06	12 nm to Wrangell Docks	2.5nm to Petersburg Docks	0.5nm to L-03-09	0.5nm to L-03-08	24 nm to L-03-09
Nearest Alternative Anchorage	12 nm to D-03-03	6 nm to D-03-04	6 nm to D-03-02	2.5nm to D-03-01	24 nm to D-07-02	16 nm to L-03-03	17 nm to D-03-01	6 nm to L-04-02	2.5nm to D-03-01	13 nm to L-04-02	11 nm L-03-05	16 nm L-03-05	2.5 nm to L-03-07	2.5 nm to L-03-07	26.5 nm to L-03-07
Prevailing Winds	Strongest winds are usually out of the N, E, and SE. May through September NW winds dominate. E and SE winds blow more than 50 percent of the time from October through February														
Currents	Tidal currents in the area are variable.	Currents up to 1.2 to 2 knts in the wide parts of the Strait. Significantly more current in constricted areas.		Tidal currents in the area are variable.	Minimal currents at the anchorage.	Currents up to 1.2 to 2 knts in the wide parts of the Strait. Minimal currents at the anchorage.	Minimal currents at the anchorage.	Current in the bay are minimal. Nearby currents can approach 3 knts.	Tidal currents in the area are variable.	Currents up to 1 to 2 knts in the wide parts of the Strait. Significantly more current in constricted areas.	Current in the bay are minimal. Nearby currents can approach 3 knts.	Troughout the Narrows the current varies. Off Petersburg, the velocity of the current is 3.5 knots.			Current in the bay are minimal.
Tides	Mean High 14.8 ft. (Higher 15.7) Mean Low 1.5 (Lower -5.5)	Mean High 13.8 ft. (Higher 14.6) Mean Low 0.0(Lower -1.5)	Mean High 14.8 ft. (Higher 15.7) Mean Low 1.5 (Lower -5.5)	Mean High 14.5 ft. (Higher 15.4 Mean Low 1.5 (Lower -5.5)	Mean High 15.4 ft. (Higher 16.3 Mean Low 1.4 (Lower -4.5)	Mean High 14.8 ft. (Higher 15.7) Mean Low 1.5 (Lower -5.5)	Mean High 13.7 ft. (Higher 14.6) Mean Low 1.6(Lower -4.5)	Mean High 14.8 ft. (Higher 15.7) Mean Low 1.5 (Lower -5.5)	Mean High 14.8 ft. (Higher 15.7) Mean Low 1.5 (Lower -5.5)	Mean High 14.8 ft. (Higher 15.7) Mean Low 1.5 (Lower -5.5)	Mean High 14.8 ft. (Higher 15.7) Mean Low 1.4 (Lower -4.5)			Mean High 14.8ft. (Higher 15.4) Mean Low 1.5(Lower -5.0)	
Sea Conditions	Exposed to swells from the NE-NW	Exposed to swells from the E & W		Exposed to swells from the W	Exposed to swells from the W	Exposed to swells from the NE	Sheltered	Exposed to swells from the N	Exposed to swells from the W	Exposed to swells from the SW	Sheltered	Sheltered	Sheltered	Sheltered	Exposed to swells from the S
Shelter from Severe Storms	Sheltered from E-W storms	Sheltered from N & S storms		Sheltered from N-S	Sheltered from W-E	Sheltered from N-E	Sheltered	Sheltered from N	Sheltered from N-S	Sheltered from W-S	Sheltered	Sheltered	Sheltered	Sheltered	Sheltered from W-E
Fog	Frequent throughout the year. Heaviest from June-July.														
Ice	Ice from nearby glaciers and outflow from rivers with ice in spring may present navigational hazards. Ice may form in bays from November until May if colder conditions prevail.														

NOTE: Sensitive resource information can be found on other maps which can be accessed through the sensitive area section of the Southeast Alaska Subarea Contingency Plan: [http://www.dec.state.ak.us/spar/perp/plans/scp\\_se.htm](http://www.dec.state.ak.us/spar/perp/plans/scp_se.htm)

Potential Places of Refuge for Southeast Alaska Subarea



caption.



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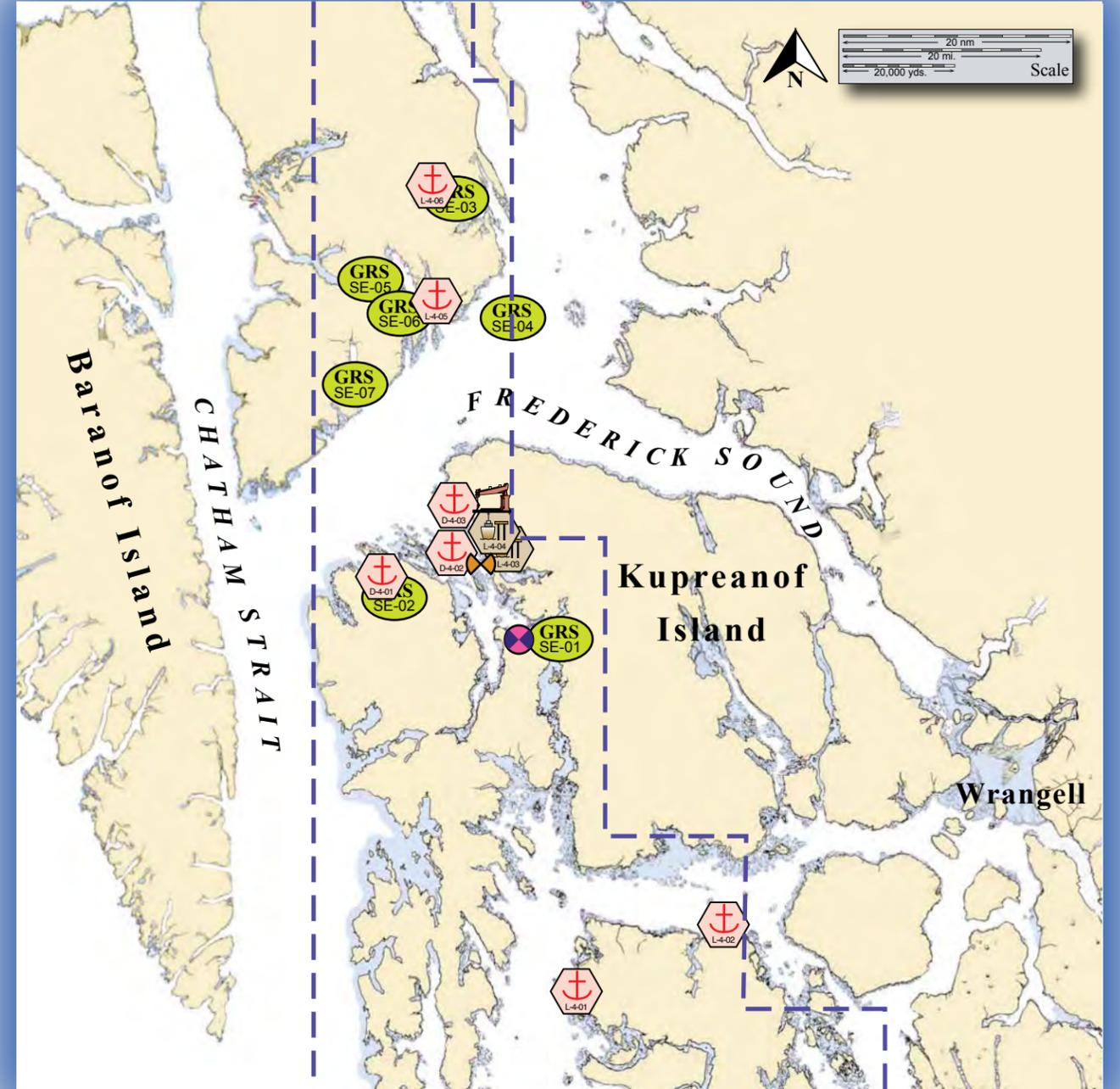


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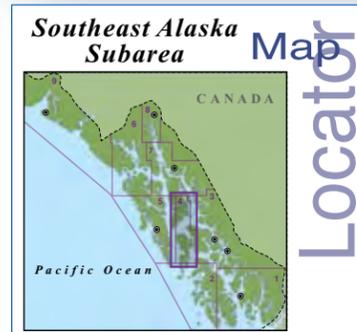
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Center of map at 56° 54.75' N Lat., 132° 48.61' W Lon.



This is not intended for navigational use.

Soundings in fathoms



	Anchorage		Existing GRS
	Mooring		Fish Hatchery
	Dock/pier		Aquatic Farms
	Crane		Private Cabins
	Airport		Public Use Cabins
			Boat Harbor

# Southeast PPOR Map 04

USGS 1:217,828K Quadrangle Map Reference - Etolin Isl to Midway Isl Including Sumner Strait 17360\_1

Site Considerations for PPOR Zone 03 of the Southeast Alaska Subarea										
	Saginaw Bay	Keku Strait	Kake Anchorage	Calder Rocks	California Bay	Kake Cargo Dock	Kake Ferry Terminal	Pybus Bay	Gambier Bay	
ID Number	D-4-01	D-4-02	D-4-03	L-4-01	L-4-02	L-4-03	L-4-04	L-4-05	L-4-06	
<b>Human Health &amp; Safety</b>										
Community-distance to (nm)	15 to Kake	15 to Kake	1 to Kake	55 to Wrangell	33 to Wrangell	0 to Kake	0 to Kake	21 to Kake	37 to Kake	
Health Care Facilities	Clinic Services in Kake			Clinic Services in Wrangell			Clinic Services in Kake			
<b>Natural Resources Considerations</b>										
Fish & Wildlife	Spawning salmon, seals, otters, waterfowl, seabirds	Spawning salmon, seals, otters, waterfowl		Spawning salmon, seals, otters, waterfowl, seabirds	Spawning salmon, seals, otters, waterfowl					
Threatened & Endangered Species	None (2010)									
Sensitive Areas	Not Designated	Adjacent area designated sensitive by SE GRS Workgroup		Not Designated			Adjacent area designated sensitive by SE GRS Workgroup			
<b>Other Stakeholder Considerations</b>										
Fisheries	Salmon, Groundfish, Crab									
Historic Properties	Historic Properties are present throughout the area.									
Mariculture	None	None	Hatchery operations in the Kake area	Hatchery operations in the Ketchikan area						
Subsistence	Low level subsistence use	High local subsistence use		Low level subsistence use			High local subsistence use		Low level subsistence use	
Tourism/Recreation	High level recreational use throughout the area-sport fishing, wildlife viewing, excursions, camping, cruise ships, hunting									
Waterfront Public Facilities/Parks	Tongass National Forest-No waterfront facilities	Small boat harbor and supporting services are present in Kake. Tongass National Forest		Tongass National Forest-No waterfront facilities			Small boat harbor and supporting services are present in Kake. Tongass National Forest		Tongass National Forest-No waterfront facilities	
Waterfront Private Facilities	None present	Marine services docks and piers in Kake		None present			Marine services docks and piers in Kake		None present	
<b>Response and Salvage Resource Consideration</b>										
Ability to Boom Vessel	Weather Dependent					Yes		Weather Dependent		
Geographic Response Strategies	None (2010)	SE04-02		None (2010)			SE04-02		SE04-03	SE04-06
Closest Alternative PPOR for a same sized vessel	15 nm to D-04-03	2 nm to D-04-03	2 nm to D-04-02	23 nm to L-04-02	6 nm to L-03-03	.3 nm to L-04-04	.3 nm to L-04-03	21 nm to L-04-04	22 nm to L-04-05	

Site ID Number and Vessel Size Classification
D = Deep Draft Vessel-lengths to 1,000 ft or greater, 20-40 ft of draft, greater than 10,000 GT
L = Light Draft Vessel-up to 450 feet in length, draft up to 20 ft

Physical and Operational Characteristics for PPOR Map 04 of the Southeast Alaska Subarea									
	Saginaw Bay	Keku Strait	Kake Anchorage	Calder Rocks	California Bay	Kake Cargo Dock	Kake Ferry Terminal	Pybus Bay	Gambier Bay
ID Number	D-04-01	D-04-02	D-04-03	L-04-01	L-04-02	L-04-03	L-04-04	L-04-05	L-04-06
Location-(In the general area of)	56°53.48'N 134°12.39'W	56°58.86'N 134°05.17'W	56°58.68'N 133°58.50'W	56°15.03'N 133°39.08'W	56°23.43'N 133°13.57'W	56°57.54'N 133°54.84'W	56°57.66'N 133°55.32'W	57°18.93'N 134°02.46'W	57°28.98'N 134°02.16'W
Maximum Vessel Size	Deep Draft Vessels- lengths up to 1000 feet, 20-40 feet of draft, greater than 10,000 GT					Light Draft Vessel - up to 450 feet in length, draft up to 20 feet			
Type of Berthing	Anchorage					Dock		Anchorage	
Contact	N/A					Harbor Master 907.785.3251		N/A	
Navigational Approach	NW from Fredrick Sound	Approach from the NW		Approach from the NW or SW	Approach from the N	Approach from the NW		Approach from the S	Approach from the E
Minimum Water Depths (MLLW)	10 fathoms	7 fathoms	22 Fathoms	20 Fathoms	33 Fathoms	15 ft.	15 ft.	17 fathoms	25 fathoms
Maximum Vessel Draft	40 ft. +	40 ft.	40 ft. +	20 ft. +		12 ft.	12 ft.	20 ft. +	
Swing Room or Dock Face (w/ dolphins)	4200 ft.	3200 ft.	2400 ft.	3000 ft.	2400 ft.	300 ft.	300 ft.	1800 ft.	5000 ft.
Bottom Type	Mud, Shells	Sand, Shells	Gravel, Shells	Sand, Shells	Mud, Shells	N/A		Mud	
Nearest Alternative Dock/Piers	100 nm to deep draft docks in Juneau	92 nm to to deep draft docks in Juneau		12 nm to dock in Shakan Bay D-02-06	24 nm to Wrangell docks	0.3 nm to L-04-04	0.3 nm to L-04-03	24 nm to L-04-04	38 nm to L-04-04
Nearest Alternative Anchorage	15nm to D-04-03	2 nm to D-04-03	2 nm to D-04-02	23 nm to L-04-02	6 nm to L-03-03	0.5 nm to D-04-03		18 nm to L-04-06	18 nm to L-04-05
Prevailing Winds	Strongest winds are usually out of the N, E, and SE. May through September NW winds dominate. E and SE winds blow more than 50 percent of the time from October through February								
Currents	Frederick Sound has currents up to 1.2 knts. Significantly more current in constricted areas.	Keku Strait has currents up to 1.2 to 2 knts in the wide parts. Significantly more current in constricted areas.		Light currents in the Strait. Minimal currents at the anchoarges.		Keku Strait has currents up to 1.2 to 2 knts in the wide parts. Significantly more current in constricted areas.		Currents in the channel are significant.	Minimal currents at the anchoarges.
Tides	Mean High 13.1 ft. (Higher 14) Mean Low 1.5 (Lower -4.0)	Mean High 13.1 ft. (Higher 14) Mean Low 1.4 (Lower -4.0)		Mean High 10.9 ft. (Higher 11.7) Mean Low 1.4(Lower -4.0)	Mean High 13.1 ft. (Higher 14) Mean Low 1.5 (Lower -4.0)	Mean High 13.1 ft. (Higher 14) Mean Low 1.4 (Lower -4.0)		Mean High 13.4 ft. (Higher 14.3) Mean Low 1.5(Lower -5.0)	Mean High 14.0 ft. (Higher 14.9) Mean Low 0.0 (Lower -5.5)
Sea Conditions	Exposed to swells from the NW			Exposed to swells from the SW-NW	Exposed to swells from the NW-NE	Sheltered			
Shelter from Severe Storms	Sheltered from NE-W storms			Sheltered from NW-SW	Sheltered from S				
Fog	Frequent throughout the year. Heaviest from June-July.								
Ice	Ice can form in bays from November until May if colder conditions prevail.								

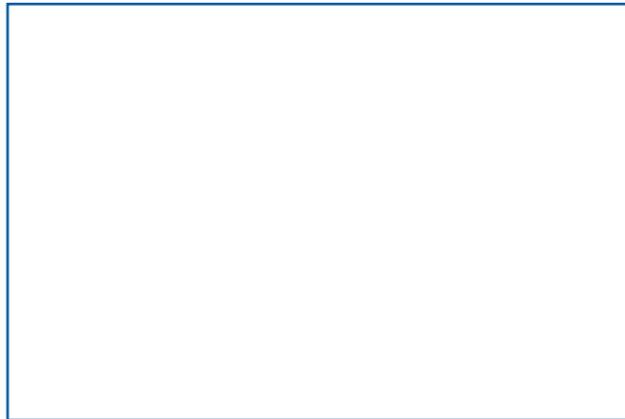
Stakeholders for PPOR Zone 04 of the Southeast Alaska Subarea	
Year-2010	Contact
Alaska Department of Fish & Game	Resource Manager
Alaska Department of Natural Resources	Resource Manager, State Historic Preservation Officer
Cape Fox Corporation	CEO
Central Council Tlingit-Haida Tribal	President
City of Kake	Mayor
Kake Tribal Corporation	President
Native Allotments	Dept of the Interior-Regional Environmental Officer
Organized Village of Kake	President
Sealaska Corporation	President

NOTE: Sensitive resource information can be found on other maps which can be accessed through the sensitive area section of the Southeast Alaska Subarea Contingency Plan: [http://www.dec.state.ak.us/spar/perp/plans/scp\\_se.htm](http://www.dec.state.ak.us/spar/perp/plans/scp_se.htm)

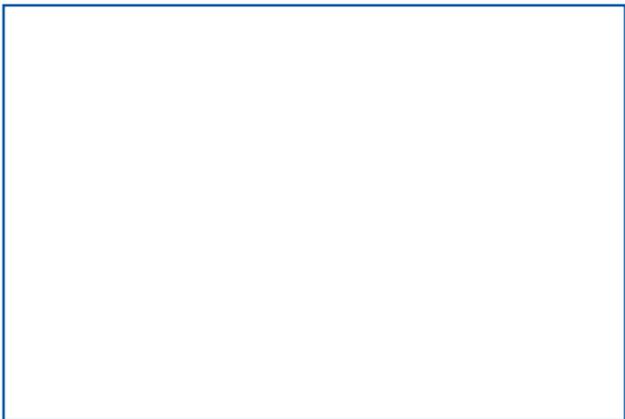
Potential Places of Refuge for Southeast Alaska Subarea



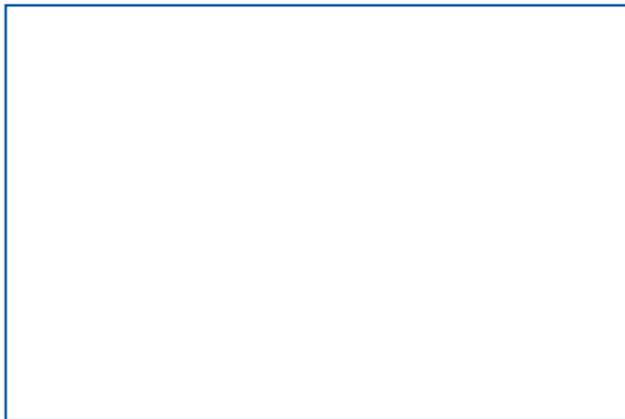
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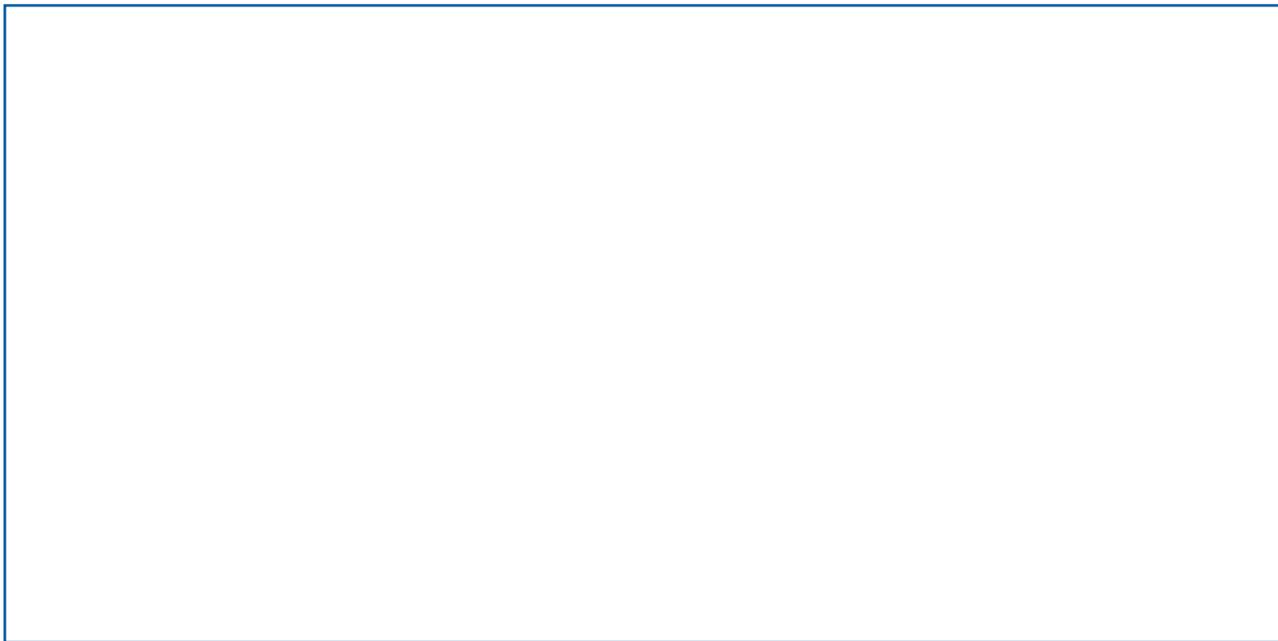
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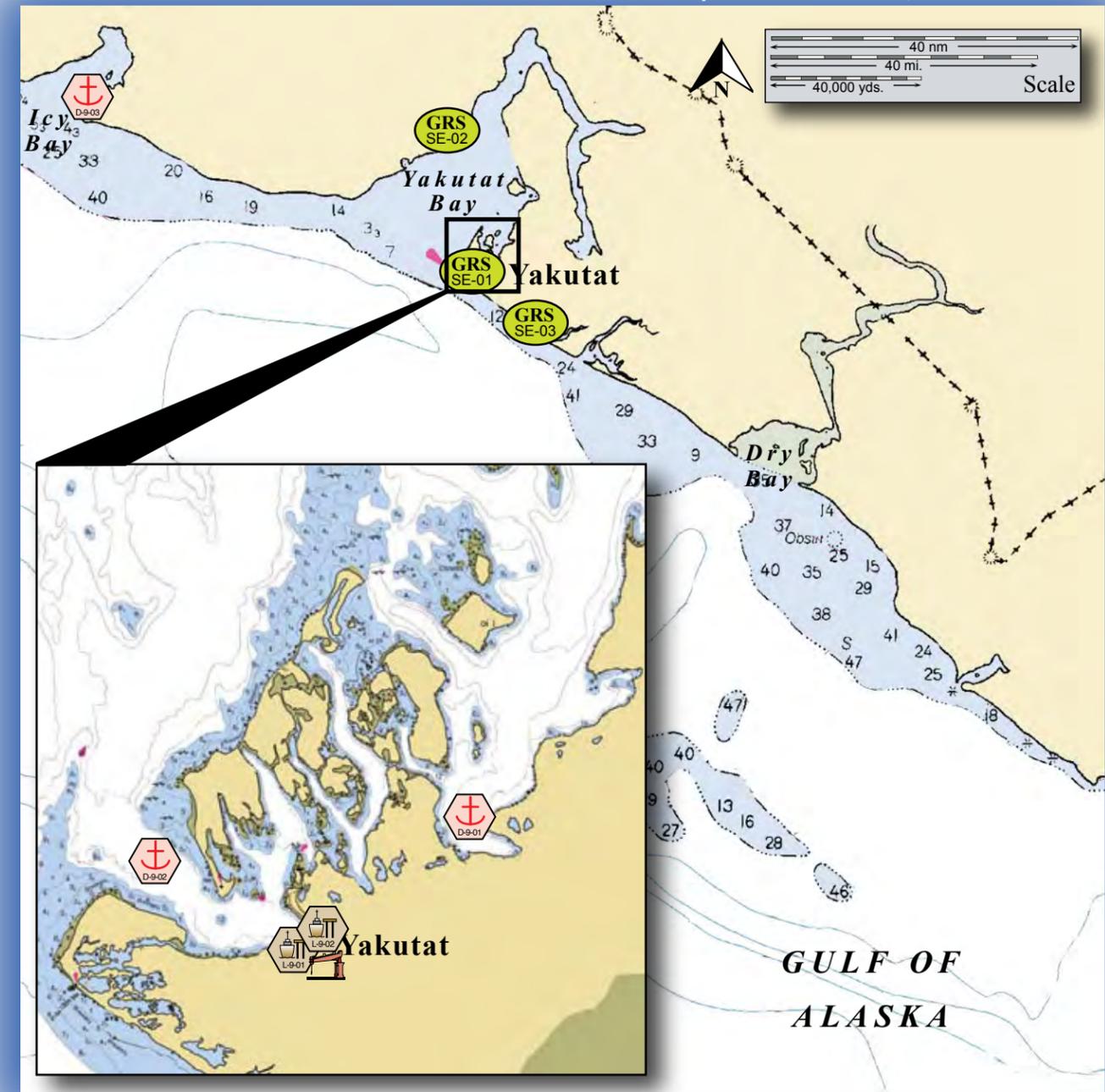


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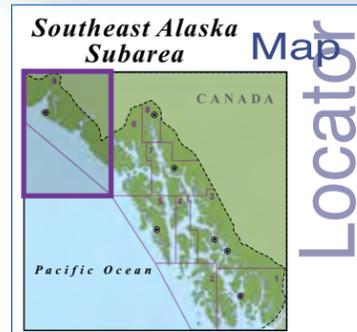


caption.

Center of map at 58° 48.21' N Lat., 139° 38.61' W Lon.



This is not intended for navigational use. Soundings in fathoms



	Anchorage		Existing GRS
	Mooring		Fish Hatchery
	Dock/pier		Aquatic Farms
	Crane		Private Cabins
	Airport		Public Use Cabins
			Boat Harbor

# Southeast PPOR Map 09

USGS 1:22,100,00K Quadrangle Map Reference - Southeast Alaska REG30

Site Considerations for PPOR Zone 09 of the Southeast Alaska Subarea					
	Broken Oar Anchorage	Monti Bay Anchorage	Pint Riou Anchorage	Yakutat City Dock	Ocean Cape Dock
ID Number	D-09-01	D-09-02	D-09-03	L-09-01	L-09-02
<b>Human Health &amp; Safety</b>					
Community-distance to (nm)	0.5 to Yakutat		56 to Yakutat	0 to Yakutat	
Health Care Facilities	Clinic Services in Yakutat				
<b>Natural Resources Considerations</b>					
Fish & Wildlife	Spawning salmon, seals, waterfowl, seabirds				
Threatened & Endangered Species	None (2010)				
Sensitive Areas	Adjacent area designated sensitive by SE GRS Workgroup	Not Designated		Adjacent area designated sensitive by SE GRS Workgroup	
<b>Other Stakeholder Considerations</b>					
Fisheries	Salmon, Groundfish, Crab				
Historic Properties	Historic Properties are present throughout the area.				
Mariculture	None				
Subsistence	High local subsistence use		Low level subsistence use	High local subsistence use	
Tourism/Recreation	High level recreational use throughout the area-sport fishing, wildlife viewing, excursions, camping, cruise ships, hunting			High level recreational use throughout the area-sport fishing, wildlife viewing, excursions, camping, cruise ships, hunting	
Waterfront Public Facilities/Parks	Municipality owned small boat harbor and supporting services are present in Yakutat.		Wrangell-St. Elias National Park- No services available	Municipality owned small boat harbor and supporting services are present in Yakutat.	
Waterfront Private Facilities	Marine services docks and piers in Yakutat		None	Marine services docks and piers in Yakutat	
<b>Response and Salvage Resource Consideration</b>					
Ability to Boom Vessel	Yes	Weather Dependent		Yes	
Geographic Response Strategies	SE09-01		None (2010)	SE09-01	
Closest Alternative PPOR for a same sized vessel	12 nm to D-09-02	12 nm to D-09-01	56 nm to D-09-02	0.2 nm to L-09-02	0.2 nm to L-09-02

Site ID Number and Vessel Size Classification
D = Deep Draft Vessel-lengths to 1,000 ft or greater, 20-40 ft of draft, greater than 10,000 GT
L = Light Draft Vessel-up to 450 feet in length, draft up to 20 ft

Stakeholders for PPOR Zone 09 of the Southeast Alaska Subarea	
Year-2010	Contact
Alaska Department of Fish & Game	Resource Manager
Alaska Department of Natural Resources	Resource Manager, State Historic Preservation Officer
Chugach Alaska Corporation	President
City and Borough Yakutat	Manager
Native Allotments	Dept of the Interior-Regional Environmental Officer
Sealaska Corporation	President
Tongass National Forest	Forest Supervisor
Wrangell-St. Elias National Park	Dept of the Interior-Regional Environmental Officer
Yak-Tat Kwaan, Incorporated	President
Yakutat Tlingit Tribe	President

Physical and Operational Characteristics for PPOR Map 09 of the Southeast Alaska Subarea					
	Broken Oar Anchorage	Monti Bay Anchorage	Pint Riou Anchorage	Yakutat City Dock	Ocean Cape Dock
ID Number	D-09-01	D-09-02	D-09-03	L-09-01	L-09-02
Location-(In the general area of)	59°34.38'N 139°39.90'W	59°33.66'N 139°48.48'W	59°55.62'N 141°27.00'W	59°32.70'N 139°44.34'W	59°32.88'N 139°44.04'W
Maximum Vessel Size	Deep Draft Vessels- lengths up to 1000 feet, 20-40 feet of draft, greater than 10,000 GT			Light Draft Vessel - up to 450 feet in length, draft up to 20 feet	
Type of Berthing	Anchorage			Dock	
Contact	Harbor Master 907.784.3491		N/A	Harbor Master 907.784.3491	
Navigational Approach	N from Yakutat Bay	W from Yakutat Bay	Approach from the S	W via Monti Bay	
Minimum Water Depths (MLLW)	49 fathoms	26 fathoms	10 fathoms	35 ft.	53 ft.
Maximum Vessel Draft	40 ft. +			20 ft. +	
Swing Room or Dock Face (w/ dolphins)	1500 ft.	3000 ft.	2400 ft.	112 ft.	400 ft.
Bottom Type	Mud, Shells	Sand	Mud	N/A	
Nearest Alternative Dock/Piers	Nearest Deep Draft Docks are in Prince William Sound			0.2 nm to L-09-02	0.2 nm to L-09-01
Nearest Alternative Anchorage	12 nm to D-09-02	12 nm to D-09-01	56 nm to D-09-02	2.5 nm to D-09-01	2.6 nm to D-09-01
Prevailing Winds	Easterlies and southeasterlies are frequent year round.				
Currents	Complex currents exist in Yakutat Bay. Minimal currents at the anchoarges,		Minimal currents at the anchoarges.	Complex currents exist in Yakutat Bay. Minimal currents at the docks.	
Tides	Mean High 9.2 ft. (Higher 10.1) Mean Low 1.4 (Lower -4.0)		Mean High 9.0 ft. (Higher 9.9) Mean Low 1.4 (Lower -4.5)	Mean High 9.2 ft. (Higher 10.1) Mean Low 1.4 (Lower -4.0)	
Sea Conditions	Sheltered	Exposed to swells from the W	Exposed to swells from the N	Sheltered	
Shelter from Severe Storms		Sheltered from N-S storms	Sheltered from E-W storms		
Fog	Frequent throughout the year. Heaviest from June-July.				
Ice	Ice can form in bays from November until May if colder conditions prevail.	Use extreme caution, ice from glacier can cause hazards to navigations.		Ice can form in bays from November until May if colder conditions prevail.	

NOTE: Sensitive resource information can be found on other maps which can be accessed through the sensitive area section of the Southeast Alaska Subarea Contingency Plan: [http://www.dec.state.ak.us/spar/perp/plans/scp\\_se.htm](http://www.dec.state.ak.us/spar/perp/plans/scp_se.htm)

Southeast Alaska Potential Places of Refuge  
Site Assessment Matrix

PPOR ID# (size-zone-number)	Response Zone #	Type of berth	Location Name	Body Of Water	Lat.	Lon.	Max Vessel Depth	Anchoring Swing Room or Dock Face (w/ Berth) (ft)	Depth at dock face in FEET (MLLW)	Depth at anchorage in FATHOMS	Bottom Type	Exposure to	Conflicting uses	Ability to Boom	GRS# in the area	Sensitive Resources	Dist. to Population Center (nm)	Dist. To the next Alternative PPOR (nm)
D-01-01	1	A	Mary Island	Felice Strait	55°03.23'N	131°16.25'W	40+	6000		32	SG	SW, N	CF	No	SE01-06	H	23 to K	23 to D-01-05
D-01-02	1	D/P	Metlakatla City Dock	Nichols Passage	55°07.74'N	131°34.14'W	30	400	35		N/A	N	CF, CI, R, S	WD	No	Not Designated	0 to M	.5 to D-01-03
D-01-03	1	A	Port Chester	Nichols Passage	55°07.92'N	131°33.48'W	40+	2800		21	M, rky	E,N	CF, CI, R, S	WD	No	Not Designated	.5 to M	.5 to D-01-02
D-01-04	1	A	Nichols Passage	Nichols Passage	55°09.98'N	131°36.70'W	40+	3000		23	G	S,N	CF,R,S	WD	SE01-01	H	2.5 to M	2.5 to D-01-02
D-01-05	1	D/P	Port of Ketchikan Berth 1&2	Tongass Narrows	55°20.40'N	131°38.76'W	30	1605	30-40		N/A	None	CI, R	Y	No	Not Designated	0 to K	.2 to D-01-06
D-01-06	1	D/P	Port of Ketchikan Berth 3	Tongass Narrows	55°20.58'N	131°39.00'W	35	575(865)	40		N/A	None	CI, R	Y	No	Not Designated	0 to K	.2 to D-01-07
D-01-07	1	D/P	Ketchikan Berth 4	Tongass Narrows	55°20.64'N	131°39.36'W	30	400 (850)	35		N/A	None	CI, R	y	No	Not Designated	0 to K	.2 to D-01-06
D-01-08	1	D/P	AK Marine Lines-Ketchikan	Tongass Narrows	55°21.12'N	131°41.40'W	30	400	35		N/A	None	CI	WD	No	Not Designated	0 to K	.2 to D-01-09
D-01-09	1	D/P	Ketchikan Ferry Terminal-1	Tongass Narrows	55°21.24'N	131°41.70'W	30	550	35		N/A	None	CI, R	WD	No	Not Designated	0 to K	.1 to D-01-10
D-01-10	1	D/P	Ketchikan Ferry Terminal-2	Tongass Narrows	55°21.30'N	131°41.76'W	35	450	40		N/A	None	CI, R	WD	No	Not Designated	0 to K	.1 to D-01-09
D-01-11	1	D/P	Alaska Ship & Drydock	Tongass Narrows	55°21.30'N	131°41.94'W	30	560	35		N/A	None	CI, R	Y	No	Not Designated	0 to K	.2 to D-01-09
D-01-12	1	A	Ward Cove	Tongass Narrows	55°23.52'N	131°44.76'W	40+	1500		30	M	NW	CI, R	WD	No	Not Designated	0 to K	.6 to D-01-14
D-01-13	1	D/P	Boyer Towing Dock	Tongass Narrows	55°23.82'N	131°43.68'W	35	750	40		N/A	None	CI, R	Y	No	Not Designated	0 to K	.1 to D-01-14
D-01-14	1	M	Ward Cove Mooring	Tongass Narrows	55°23.88'N	131°43.92'W	40+	600		26	N/A	None	CI, R	WD	No	Not Designated	0 to K	.1 to D-01-13
D-01-15	1	D/P	Pulp Mill Dock	Tongass Narrows	55°24.36'N	131°43.56'W	25	800	30		N/A	None	CI, R	Y	No	Not Designated	0 to K	.5 to D-01-14
D-01-16	1	M	Tolstoi Bay Moorage	Clarence Strait	55°38.84'N	132°26.06'W	40+	1800		73	N/A	N	CI, R	No	SE01-05	H	6 to TB	16 to D-01-17
D-01-17	1	A	Vixen Inlet	Earnest Sound	55°49.94'N	132°06.81'W	40+	3000		28	Rky	SW-N	CF	WD	No	Not Designated	17 to TB	16 to D-01-16
L-01-01	1	D/P	Metlakatla Ferry Dock	Nichols Passage	55°07.14'N	131°32.82'W	20	280	24		N/A	None	CF, CI, R, S	Y	No	Not Designated	0 to M	1 to D-01-02
L-01-02	1	D/P	Port of Ketchikan Berth 1-C & 1-D	Tongass Narrows	55°20.33'N	131°38.64'W	15	860	20ft		N/A	None	CI	Y	No	Not Designated	0 to K	.2 to D-01-05
L-01-03	1	A	Vallenar Bay	Clarence Strait	55°23.50'N	131°51.39'W	20+	3000		32	S	W,N	R,S	WD	No	Not Designated	9 to K	8 to D-01-13
L-01-04	1	D/P	Hollis Ferry Dock	Twelve Mile Arm	55°29.47'N	132°37.51'W	20	200	25		N/A	None	CF, CI, R	Y	SE01-08	H	1 to Hollis	26 to L-01-05
L-01-05	1	A	Lyman Anchorage	Clarence Strait	55°32.70'N	132°17.31'W	20	1500			Rky	N	CF,R	WD	No	Not Designated	15 to TB	17 to L-01-03
L-01-06	1	A	Union Bay	Earnest Sound	55°45.01'N	132°12.17'W	20+	2400		34	SG	NW_N	CF,R	WD	No	Not Designated	14 to TB	16 to L-01-05
D-02-01	2	A	Alder Cove Anchorage	Hetta Inlet	55°06.84'N	132°38.58'W	40+	3000		9	M,Sh	N & S	CF	No	No	Not Designated	8 to HY	7 to D-02-02
D-02-02	2	M	Saltery Point Moorage	Sukwan Strait	55°11.10'N	132°48.24'W	30	800		6	N/A	None	CF, CI, R	WD	No	Not Designated	1.5 to HY	7 to D-02-01
D-02-03	2	D/P	Klawock Mill Dock	Klawock Inlet	55°32.40'N	133°06.42'W	35	500(900)	42		N/A	None	CF, CI, R	Yes	No	Not Designated	0 to KL	.75 to D-02-04
D-02-04	2	D/P	Klawock Island Dock	San Alberto Bay	55°33.24'N	133°06.66'W	30	440	37		N/A	None	CF, CI, R	Yes	No	Not Designated	0 to KL	.75 to D-02-03
D-02-05	2	A	Kell Bay	Affleck Canal	56°09.48'N	134°06.36'W	40+	3000		11	M	W	CF	No	No	Not Designated	55 to C	27 tp D-02-06
D-02-06	2	D/P	Admiralty Mine Dock	Skakan Bay	56°09.60'N	133°28.08'W	30	250	34				CF, CI	Yes	No	Not Designated	63 to C	27 tp D-02-05
L-02-01	2	D/P	Craig City Dock	Klawock Inlet	55°28.62'N	133°09.24'W	15	72	20			None	CF, CI, R	Yes	No	H	0 to C	.75 to L-02-03
L-02-02	2	A	Crab Bay Anchorage	Klawock Inlet	55°29.04'N	133°09.00'W	20+	1200		9	M	None	CF, CI, R	WD	No	H	.3 to C	.2 to L-02-03
L-02-03	2	D/P	Petro-Marine Dock	Klawock Inlet	55°29.28'N	133°08.52'W	15	100	20			None	CF, CI, R	Yes	No	H	0 to C	.2 to L-02-02
L-02-04	2	A	Warm Chuck Inlet	Tonowek Bay	55°45.36'N	133°29.82'W	20+	1800		18	Rky	SE	CF, R	WD	No	Not Designated	22 to C	22 to L-02-02
D-03-01	3	A	Woronkofski Island Anchorage	Zimovia Strait	56°26.16'N	132°25.91'W	40+	4000		19	M	NW-N	CF, R	WD	No	H, MESA-63	2.5 to W	2.5 to D-03-04
D-03-02	3	A	St. John Harbor	Sumner Strait	56°26.76'N	133°00.06'W	20	2000		4.5	S M G	W	CF, CI, R	WD	No	Not Designated	20 to W	6 to D-02-03
D-03-03	3	A	Baht Harbor	Sumner Strait	56°27.21'N	132°48.56'W	40+	3000		24	CI	NW-NE	CF, CI, R	No	No	Not Designated	14 to W	6 to D-02-02
D-03-04	3	D/P	Wrangell Cruise Vessel Wharf	Zimovia Strait	56°28.20'N	132°23.28'W	30	720	35		N/A	W	CF, CI, R,	Yes	No	H, MESA-63	0 to W	2.5 to D-03-01
D-03-05	3	A	Holkum Bay Anchorage	Stephens Passage	57°45.28'N	133°39.38'W	40+	3000		26	Cy, S	W	CF, R	WD	No	Not Designated	40 to J	25 to D-07-02
L-03-01	3	A	Steamer Bay	Clarence Strait	56°10.52'N	132°42.49'W	20+	1800		17	Sh	NW-N	CF,R	WD	SE03-09	H	24 to W	16 to L-03-03
L-03-02	3	A	Anita Bay	Clarence Strait	56°12.00'N	132°25.14'W	20+	2400		25	M	Shelterd	CF,R	WD	No	Not Designated	17 to W	17 to L-03-04
L-03-03	3	A	Salmon Bay	Clarence Strait	56°17.54'N	133°06.74'W	20+	1200		24	M P	N & S	CF,R	WD	SE03-08	H	30 to W	6 to L-04-02
L-03-04	3	D/P	Wrangell Ferry Terminal	Zimovia Strait	56°28.44'N	132°23.46'W	20	626	24		N/A	W	CF, CI, R	Yes	No	H, MESA-63	0 to W	11 to L-03-06
L-03-05	3	A	Point Alexander Anchorage	Sumner Strait	56°31.04'N	132°57.85'W	20+			11	M,Sh	N & S	CF,R	WD	SE03-02	H	20 to W	11 to L-03-06
L-03-06	3	D/P	South Mitkof Ferry Terminal	Sumner Strait	56°31.92'N	132°42.71'W	12	80	20		N/A	S	CF, CI, R	Yes	SE03-04	H, MESA-63	12 to W	11 to L-03-05
L-03-07	3	A	Scow Bay Anchorage	Wrangell Narrows	56°46.00'N	132°58.47'W	20+	900		12	M, Sh	SE	CF, R, A	WD	SE03-03	H	2.5 to PG	2.5 to L-3-08
L-03-08	3	D/P	Petersburg Ferry Dock	Wrangell Narrows	56°48.54'N	132°58.56'W	25	600	28		N/A	None	CF, CI, R	Yes	SE03-03	H	0 to PG	.5 to L-03-09
L-03-09	3	D/P	Petersburg Ocean Beauty Dock	Wrangell Narrows	56°48.90'N	132°57.54'W	15	300	20		N/A	None	CF, CI, R	Yes	SE03-03	H	0 to PG	.5 to L-03-08
L-03-10	3	A	Farragut Bay	Frederick Sound	57°07.00'N	133°14.34'W	20+	2500		25	G, M, rky	S	CF, R	WD	No	Not Designated	27 to PG	27 to L-03-09

Southeast Alaska Potential Places of Refuge  
Site Assessment Matrix

PPOR ID# (size-zone-number)	Response Zone #	Type of berth	Location Name	Body Of Water	Lat.	Lon.	Max Vessel Depth	Anchoring Swing Room or Dock Face (w/ Berth)	Depth at dock face in FEET (MLLW)	Depth at anchorage in FATHOMS	Bottom Type	Exposure to	Conflicting uses	Ability to Boom	GRS# in the area	Sensitive Resources	Dist. to Population Center (nm)	Dist. To the next Alternative PPOR (nm)
D-04-01	4	A	Saginaw Bay	Saginaw Bay	56°53.48'N	134°12.39'W	40+	4200		10	M, Sh	NW	CF, R	WD	No	Not Designated	15 to KK	15 to D-04-03
D-04-02	4	A	Keku Strait	Keku Strait	56°58.86'N	134°05.17'W	35	3200		7	S, Sh	NW	CF, R	WD	SE04-02	H	2 to KK	2 to D-04-03
D-04-03	4	a	Kake Anchorage	Keku Strait	56°58.68'N	133°58.50'W	40+	2400		22	G, Sh	NW	CF,R	WD	SE04-02	H	1 to KK	2 to D-04-02
L-04-01	4	A	Calder Rocks	Sumner Strait	56°15.03'N	133°39.08'W	20+	3000		20	S, Sh	SW-NW	CF	WD	No	Not Designated	55 to W	23 to L-04-02
L-04-02	4	A	California Bay	Sumner Strait	56°23.43'N	133°13.57'W	20+	2400		33	M,Sh	NW-NE	CF, R	WD	No	Not Designated	33 to W	6 to L-03-03
L-04-03			Kake Cargo Dock	Keku Strait	56°57.54'N	133°54.84'W	15	300	15		N/A	None	CF, CI, R	Yes	SE04-02	H	0 to KK	.3 to L-04-04
L-04-04	4	D/P	Kake Ferry Terminal	Keku Strait	56°57.66'N	133°55.32'W	15	300	155		N/A	None	CF, CI, R,	Yes	SE 04-02	H	0 to KK	.3 to L-04-03
L-04-05	4	A	Pybus Bay	Frederick Sound	57°18.93'N	134°02.46'W	20+	1800		17	M P	None	CF, R	WD	SE04-03	H	21 to KK	21 to L-04-04
L-04-06			Gambier Bay		57°28.98'N	134°02.16'W	20+	5000		25	M	None	CF, R	WD	SE04-06	H	37 to KK	22 tp L-04-05
D-05-01	5	A	Port Conclusion	Chatham Strait	56°15.89'N	134°39.89'W	40	2000		41	Rky	NE	CF,S	WD	No	Not Designated	5 to PA	20 to D-05-02
D-05-02	5	A	Tebenkof Bay	Chatham Strait	56°32.31'N	134°18.09'W	40	3000		20	G,rky,h	S,E	CF	WD	No	Not Designated	22 to PA	20 to D-05-01
D-05-03	5	A	Eastern Anchorage	Sitka Sound	57°02.27'N	135°18.22'W	40	2400		13	M	None	CF, CI, R, S,A	WD	SE05-02,03,05,11	H	1.5 to S	9 to D-05-04
D-05-04	5	D/P	Samson Tug Dock	Sitka Sound	57°07.74'N	135°22.98'W	25	300/250	65/25		N/A	None	CF, CI, R, S,A	Yes	SE05-02,03,05,11	H	5 to S	9 to D-05-03
L-05-01	5	A	Port Malmesbury	Chatham Strait	56°16.77'N	134°16.61'W	40	2400		30	Rky	E	CF	WD	No	Not Designated	13 to PA	12 to D-05-01
L-05-02	5	D/P	USCG Dock	Sitka Sound	57°03.00'N	135°20.72'W	20	283/185	42/22		N/A	None	CF, CI, R, S,A	Yes	SE05-02,03,05,11	H	0 to S	.25 to L-05-03
L-05-03	5	D/P	Sitka City Dock	Sitka Sound	57°03.24'N	135°20.88'W	30	350	37		N/A	None	CF, CI, R, S,A	Yes	SE05-02,03,05,11	H	0 to S	.25 to L-05-02
L-05-04	5	D/P	Sitka Ferry Dock	Sitka Sound	57°07.98'N	135°22.75'W	25	460	30		N/A	None	CF, CI, R, S,A	Yes	SE05-02,03,05,11	H	5 to S	7 to L-05-03
L-05-05	5	A	Kasnyku Bay	Chatham Strait	57°12.91'N	134°50.93'W	40	1000		33	M	SW	CF	WD	SE05-04	H	18 to AN	8.75 to L-05-06
L-05-06	5	A	Kelp Bay	Chatham Strait	57°18.63'N	134°56.70'W	40	1700		26	Rky	None	CF	WD	SE05-04,07	H	20 to AN	8.75 to L-05-05
L-05-07	5	A	Fish Bay	Peril Strait	57°22.64'N	135°35.12'W	40	2600		33	M	None	CF,S	WD	SE05-08	H	33 to S	15 to L-05-11
L-05-08	5	D/P	Angoon Ferry Terminal	Chatham Strait	57°28.33'N	134°33.97'W	20	200	24		N/A	None	CF, CI, R, S,A	Yes	SE05-01	H	2 to AN	12 to L-05-09
L-05-09	5	A	Florence Bay	Chatham Strait	57°29.89'N	134°52.82'W	40	1500		28	h	S	CF	WD	No	Not Designated	12 to AN	12 to L-05-08
L-05-10	5	A	Point Elizabeth	Hoonah Sound	57°30.34'N	135°16.26'W	40	2700		27	h	SW,NW,SE	CF	WD	No	Not Designated	24 to AN	8.5 to L-05-11
L-05-11	5	A	Deadman Reach	Hoonah Sound	57°33.33'N	135°28.51'W	40	2400		28	M,h,S	SW,W	CF	WD	No	Not Designated	35 to S	8.5 to L-05-10
D-06-01	6	A	Port Frederick Anchorage	Port Frederick	58°07.88'N	135°30.39'W	40	3600		13	Rky, M	S	CF, CI, R, S	WD	SE06-03	H	2.25 to H	14 to D-06-05
D-06-02	6	A	Idaho Inlet	Cross Sound	58°12.51'N	136°11.48'W	40+	3600		20	M	N	CF	WD	No	Not Designated	19 to G	9.5 to D-06-03
D-06-03	6	A	Taylor Bay	Cross Sound	58°17.45'N	136°32.70'W	40+	3000		32	Sh	S	CF	WD	No	Not Designated	28 to G	9.5 to D-06-02
D-06-04	6	A	Dundas Bay	Cross Sound	58°20.36'N	136°20.31'W	40	3000		12	M, rky	S	CF,R	WD	SE06-07	H	21 to G	9.5 to D-06-01
D-06-05	6	A	East Pleasant Island	Icy Strait	58°21.50'N	135°31.59'W	40+	4200		24	M	S	CF,R	WD	No	Not Designated	7 to G	3 to D-06-06
D-06-06	6	A	West Pleasant Island	Icy Strait	58°21.56'N	135°47.09'W	40+	6000		31	M	SW-E	CF,R	WD	SE06-01	H	2.5 to G	10 to D-06-05
D-06-07	6	A	Excursion Inlet	Icy Strait	58°22.45'N	135°27.24'W	40	3000		14	M	N,S	CF,R	WD	No	Not Designated	3.5 to G	2.5 to D-06-04
D-06-08	6	A	Outer Bartlett Cove	Glacier Bay	58°26.42'N	135°55.70'W	40+	3600		21	M	W	CF, R	WD	SE06-02	H	1.5 to G	10 to D-06-05
D-06-09	6	A	Drake Island Anchorage	Glacier Bay	58°39.27'N	136°11.52'W	40	3600		14	Rky	N-SE	CF, R	WD	SE06-04,06,08	H	20 to G	17 to D-06-07
D-06-10	6	A	Composite Island	Glacier Bay	58°53.79'N	136°35.14'W	40+	2400		24	M,S	S	CF,R	No	SE06-08,09	H	38 to G	11 to D-06-10
D-06-11	6	A	Russell Island	Glacier Bay	58°57.28'N	136°52.66'W	40	2000		30	M	NW	R	WD	SE06-05	H	44 to G	11 to D-06-09
L-06-01	6	D/P	Pelican Ferry Dock	Lisianski Inlet	57°57.46'N	136°13.65'W	20	185	20		N/A	None	CF, CI, R, A	Yes	No	Not Designated	0 to P	1.5 to L-6-02
L-06-02	6	A	Lisianski Inlet	Lisianski Inlet	57°58.72'N	136°15.01'W	20	1200		20	G	S, NW	CF,R,S	WD	No	Not Designated	1.5 to P	1.5 to L-6-01
L-06-03	6	D/P	Hoonah Ferry Dock	Port Frederick	58°06.99'N	135°27.38'W	20	400	25		N/A	W	CF, CI, R, A	Yes	SE06-03	H	.25 to H	1 to L-06-04
L-06-04	6	M	Hoonah Moorage	Port Frederick	58°06.16'N	135°28.14'W		1200		28	N/A	N	CF, CI, R, A	No	SE06-03	H	2.25 to H	1 to L-06-03
L-06-05	6	D/P	Excursion Inlet Cannery Dock	Glacier Bay	58°24.97'N	135°26.82'W	20	130	25		N/A	S, NW	CF, CI, R, S	Yes	No	Not Designated	12 to G	17.5 to L-06-03
L-06-06	6	A	Inner Bartlett Cove	Glacier Bay	58°27.13'N	135°54.97'W	20	2800		28	M	SW	CF, R	WD	SE06-02	H	.5 to G	22 to L-06-04
D-07-01	7	A	Lyoukeen Cove	Chatham Strait	57°53.03'N	134°57.71'W	40+	3600		24	S	NE-SE	CF	WD	No	Not Designated	27 to TS	35 to D-06-01
D-07-02	7	A	Gilbert Bay	Stephens Passage	57°57.22'N	134°42.19'W	40+	2800		30	M	None	CF	WD	No	Not Designated	37 to J	25 to D-03-04
D-07-03	7	A	Young Bay	Stephens Passage	58°10.61'N	134°40.80'W	40+	3000		22	M,G	N	CF, R	WD	No	Not Designated	26 to J	25 to D-07-04
D-07-04	7	D/P	AJ Dock	Gastineau Channel	58°17.3'N	134°23.88'W	30	380(1100)	34		N/A	None	CF, CI, R	Yes	SE07-01	Not Designated	1 to J	.25 to D-07-05
D-07-05	7	D/P	South Franklin Street Dock	Gastineau Channel	58°17.46'N	134°23.64'W	30	960	30		N/A	None	CF, CI, R	Yes	SE07-01	Not Designated	.5 to J	.25 to D-07-04
D-07-06	7	D/P	Cruise Ship Terminal/Steamship Wha	Gastineau Channel	58°17.82'N	134°24.24'W	27-35	1700	27-35		N/A	None	CF, CI, R	Yes	SE07-01	Not Designated	.5 to J	.25 to D-07-05
D-07-07	7	D/P	USCG Dock	Gastineau Channel	58°17.89'N	134°24.74'W	35	760	36		N/A	None	CF, CI, R	Yes	SE07-01	Not Designated	0 to J	.3 to D-07-06

Southeast Alaska Potential Places of Refuge  
Site Assessment Matrix

PPOR ID# (size-zone- number)	Response Zone #	Type of berth	Location Name	Body Of Water	Lat.	Lon.	Max Vessel Depth	Anchoring Swing Room or Dock Face(w/ Berth)	Depth at dock face in FEET (MLLW)	Depth at anchorage in FATHOMS	Bottom Type	Exposure to	Conflicting uses	Ability to Boom	GRS# in the area	Sensitive Resources	Dist. to Population Center(nm)	Dist. To the next Alternative PPOR (nm)
D-07-08	7	A	Auke Bay	Lynn Canal	58°22.19'N	134°40.04'W	40+	3600		29	M	None	CF, CI, R	WD	SE07-01,02	H,MESA-61	8 to J	10 to D-07-03
D-07-09	7	A	St James Bay	Lynn Canal	58°36.09'N	135°10.09'W	40	2400		10	M,P	None	CF, R	WD	SE07-05	H	53 to J	12 to D-07-10
D-07-10	7	A	Berners Bay	Lynn Canal	58°46.00'N	134°57.20'W	40+	3000		27	M	S	CF, R	WD	SE07-04,06	H	58 to J	12 to D-07-09
L-07-01	7	A	Funter Bay	Lynn Canal	58°14.34'N	134°54.58'W	25	1500		27	Sh, P	E	CF, R	WD	SE07-03	H	21 to H	23 to L-06-02
L-07-02	7	D/P	Auke Bay Ferry Terminal	Auke Bay	58°22.86'N	134°41.10'W	20	850	26		N/A	None	CF, CI, R	Yes	SE07-01,02	H,MESA-61	12 to J	1 to D-07-08
L-07-03	7	A	William Henry Bay	Lynn Canal	58°42.90'N	135°14.34'W	20	900		13	S	NE	CF, R, A	WD	SE07-01	Not Designated	59 to J	14 to L-08-01
D-08-01	8	D/P	Port Chilkoot Wharf	Chilkoot Inlet	59°14.03'N	135°26.37'W	35	915	40		N/A	None	CF, CI, R,	WD	No	Not Designated	0 to HA	13.5 to D-08-02
D-08-02	8	M	Lutak Inlet Anchorage	Chilkoot Inlet	59°17.70'N	135°28.50'W	40+	2400		41	N/A	NW	CF, CI, R	WD	SE08-03	H	6 to HA	5 to D-08-01
D-08-03	8	D/P	Broadway Dock	Taiya Inlet	59°27.02'N	135°19.46'W	30	800	35		N/A	None	CI, R	Yes	SE08-02	H	0 to SK	.1 to D-08-04
D-08-04	8	D/P	Ore Dock	Taiya Inlet	59°27.01'N	135°19.62'W	40	1000	45-90		N/A	None	CI, R	Yes	SE08-02	H	0 to SK	.1 to D-08-03
D-08-05	8	D/P	Railroad Dock	Taiya Inlet	59°26.77'N	135°19.47'W	35	1850	23-43		N/A	None	CI, R	Yes	SE08-02	H	0 to SK	.15 to D-08-04
L-08-01	8	A	Sullivan Island	Lynn Canal	58°55.86'N	135°21.50'W	40	2000		19	M	N	CF, R	Yeas	SE08-02	Not Designated	21 to HA	23 to L-08-02
L-08-02	8	D/P	Haines Ferry Terminal/Lutak Dock	Chilkoot Inlet	59°16.94'N	135°27.83'W	20	640	23		N/A	None	CF, CI, R	Yes	SE08-03	H	3 to HA	.25 to L-08-03
L-08-03	8	D/P	Haines Municipal Dock	Chilkoot Inlet	59°17.19'N	135°28.72'W	20	750	23-Dec		N/A	None	CF, CI, R	Yes	SE08-03	H	3 to HA	.25 to L-08-02
L-08-04	8	D/P	Skagway Ferry & Barge Terminal	Taiya Inlet	59°26.94'N	135°19.56'W	20	385	25		N/A	None	CI, R	WD	SE08-02	H	0 to SK	.1 to D-08-03
D-09-01	9	A	Broken Oar Anchorage	Yakutat Bay	59°34.38'N	139°39.90'W	40+	1500		49	M, Sh	None	CF, CI, R, A	Yes	SE09-01	H	.5 to Y	12 to D-09-02
D-09-02	9	A	Monti Bay Anchorage	Yakutat Bay	59°33.66'N	139°48.48'W	40+	3000		26	S	W	CF, CI, R, A	WD	SE09-01	H	.5 to Y	12 to D-09-01
D-09-03	9	A	Pint Riou Anchorage	Icy Bay	59°55.62'N	141°27.00'W	35	2400		10	M	NE	CF	WD	No	Not Designated	56 to Y	56 to D-09-02
L-09-01	9	D/P	Yakutat City Dock	Yakutat Bay	59°32.70'N	139°44.34'W	30	112	35		N/A	None	CF, CI, R, A	Yes	SE09-01	H	0 to Y	.2 to L-09-02
L-09-02	9	D/P	Ocean Cape Dock	Yakutat Bay	59°32.88'N	139°44.04'W	20+	400	52		N/A	W	CF, CI, R, A	Yes	SE09-01	H	0 to Y	.2 to L-09-01

Southeast Potential Places of Refuge  
**Site Assessment Matrix KEY**

PPOR ID#- Vessel Size	Type of berth	Swing Room	Bottom Type	Exposure	Conflicting Uses	Ability to Boom	Sensitive Resources	Distance via Water to Population Center
D = Deep Draft Vessels lengths up to 1000 feet, 20-40 feet of draft, greater than 10,000 GT	A= Anchorage	Distance measured to nearest shoal waters or hazard	M= Mud	Exposed to winds/seas from the direction noted	CF=Commercial Fishing	WD=Weather Dependent	E= Threatened or Endangered Species present	AN=Angoon G=Gustavus H=Hoonah HA=Haines J=Juneau K=Ketchikan P=Pelican PA= Port Alexander S=Sitka SK=Skagway TS=Tenakee Springs M=Metlakatla TB=Thorne Bay HY=Hydaburg C= Craig KL= Klawock PG= Petersburg KK= Kake
	D/P= Dock or Pier		Rky= Rocky		SF=Sport fishing	Y= Yes		
L= Light Draft Vessel up to 450 feet in length, draft up to 20 feet	M=Mooring		G= Gravel		AQ= Aquaculture	N = No	MESA # = Designated as a "Most Environmentally Sensitive Area" & map number	
			Cl= Clay		R=Recreational			
			S= Sand		CI=Commercial/Industrial			
			SH=Shells		A= Anchorage			
			H= Hard		S=Subsistence Activities			
			stk=Sticky		WV=Wildlife Viewing			
			sft=Soft		H=Hunting			
			St=silt					
			SI=Shale					
			N/A=Not Applicable					
			NI=No Information					