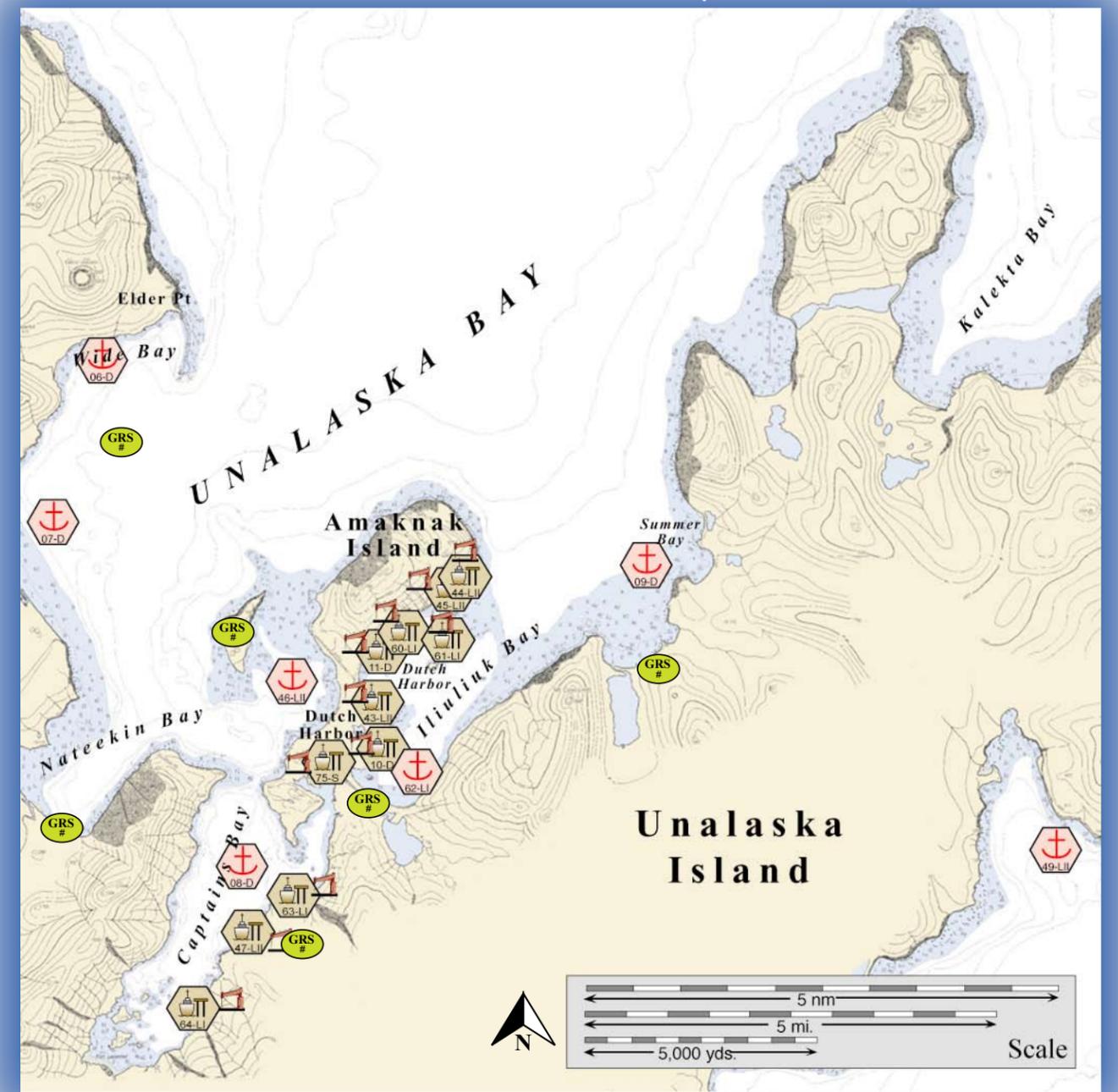


Center of map at 53° 55.63' N Lat., 166° 28.58' W Lon.



This is not intended for navigational use.

Soundings in fathoms

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

Map
Aleutian Subarea

Map
Aleutian PPOR

Map
AIEB-01

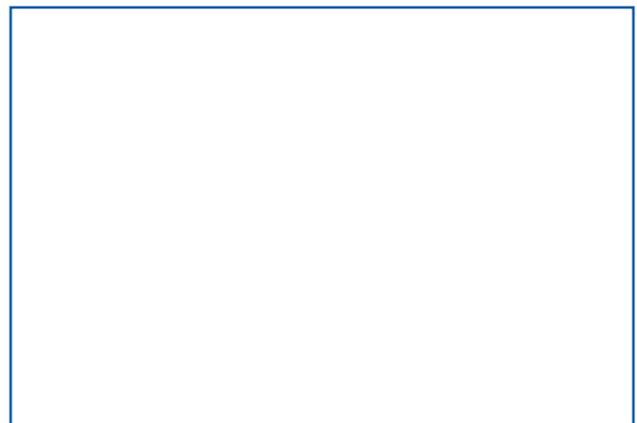
Potential Places of Refuge for Aleutians Subarea



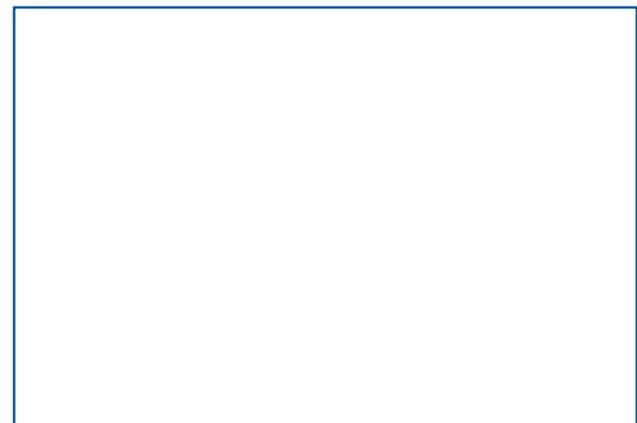
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Aleutian Islands East B - 01 PPOR (AIEA-01) – Site Considerations																		
	Wide Bay	Broad Bay	Captain's Bay	Summer Bay	Dutch Harbor-APL dock	Dutch Harbor-UMC/USCG Position #1-5	Dutch Harbor-Delta Western	Dutch Harbor-W.P. Aux. Dock	Dutch Harbor-Western Pioneer	Hog Island Anchorage	Captains Bay N. Pacific Fuel	Magone Marine Services	Iliuliuk Bay Anchorage	Light Cargo Dock	Westward Seafood Dock	OSI-Reef Dock	Iliuliuk Harbor-UniSea	
ID Number	06-D	07-D	08-D	09-D	10-D	11-D	43-LII	44-LII	45-LII	46-LII	47-LII	60-LI	61-LI	62-LI	63-LI	64-LI	75-S	
Human Health & Safety																		
Communities – distances-nm	Unalaska- 4.5	Unalaska- 4	Unalaska- 1	Unalaska- 2	Unalaska- 0.0	Unalaska- 0.0	Unalaska- 0.0	Unalaska-0.0	Unalaska-0.0	Unalaska-0.5	Unalaska- 0.0	Unalaska- 0.0	Unalaska-0.25	Unalaska-0.0	Unalaska-0.0	Unalaska-0.0	Unalaska-0.0	
Natural Resource Considerations																		
Fish & Wildlife	Spawning salmon, seals, sea otters waterfowl concentrations, seabird and eagle nesting, shorebird concentration.																	
Threatened & Endangered Species	Steller's Eider and sea otters are present																	
Sensitive Areas	Entire Area Designated as a Most Environmentally Sensitive Area (MESA 28b-ADF&G)																	
Other Stakeholder Considerations																		
Fisheries	Groundfish, herring, salmon, crab																	
Historic Properties	Historic Properties are present throughout this area.																	
Mariculture	None																	
Subsistence	Salmon, marine mammals, waterfowl, crab, intertidal																	
Tourism/Recreation	High recreational use area- sport fishing, kayaking, excursion boats, wildlife viewing.																	
Waterfront Public Facilities/Parks	Alaska Maritime National Wildlife Refuge-no facilities immediately available	Small Boat Harbor nearby	None							Alaska Maritime National Wildlife Refuge	None							
Waterfront Private Facilities	None	Cannery facilities nearby	None	Gantry crane	Cannery facilities nearby, gantry crane	Dock crane	Cannery cranes and dock			Shipyards Services	None	Cranes available						
Response and Salvage Resource Considerations																		
Ability to Boom Vessel	Weather dependent				Yes	Weather Dependant	Yes	Weather Dependant			Yes	Weather Dependant	Yes	Weather Dependant			Yes	
Geographic Response Strategies	AIEB-13-Broad/Wide Bay, AIEB-13 Nateekin Bay		AIEB-15 Head of Captains Bay, AIEB-16 Obernoi Pt. Stream	AIEB-19 Summers Bay	None					AIEB-18 Hog Island	AIEB-15 Head of Captains Bay, AIEB-16 Obernoi Pt. Stream	None			AIEB-15 Head of Captains Bay, AIEB-16 Obernoi Pt. Stream	AIEB-19 Iliuliuk River		
Closest Alternative Places of Refuge (same sized vessel)	1.5 nm. to 07-D Broad Bay	1.5 nm. to 06-D Wide Bay	4.5 nm. to 07-D Broad Bay	4 nm. to 11-D Dutch Harbor UMC	1.5 nm. to 11-D Dutch Harbor UMC	1.5 nm. to 10-D Dutch Harbor APL	1.3 nm to 46-LII Western Pioneer	.3 nm to 46-LII Western Pioneer	.3 nm to 47-LII WP Aux Dock	2.5 nm to 47-LII Captains Bay N. Pacific Fuel	2.5 nm to 46-LII Hog Island	5 to 62-LI Light Cargo Dock	1.5 to 60-LI Magone Marine Services	.5 to 60-LI Magone Marine Services	1.5 to 64-LI OSI Reef Dock	1.5 to 63-LI Westward Seafood Dock	2.74 nm to 43-LII Delta Western	

Site ID Number and Vessel Class Classification

D = A deep draft vessel that exceeds 20,000 Gross Tons, has drafts of 25-60 ft. and range from 450 ft. - 1000 ft. LOA, typical of Tankers/Cruiseships

LII= A light draft vessel of 10,000 to 19,999 Gross Tons, has drafts up to 25 ft., LOA of up to 450 ft., typical of Ferrys/Trampers

LI= A light draft vessel of 300 to 10,000 Gross Tons, has drafts up to 25 ft., LOA of up to 450 ft., typical of Ferrys/Trampers

S = A shallow draft vessel less than 300 Gross Tons, has a draft less than 15 ft., LOA less than 200 ft., typical of Excursion/Fishing vessels

Aleutian Islands East B-01 PPOR (AIEB-01) Stakeholders	
Year-2007	Contact
Aleut Corporation	President
Aleutian East Borough	Mayor
Alaska Dept of Fish & Game	Resource Manager
Alaska Department of Natural Resources	Natural Resource Manager
Alaska Maritime National Wildlife Refuge-USFWS	Refuge Manager
City of Unalaska	Mayor
Ounalashka Corporation	CEO
Native Allotments	Dept of the Interior Regional Environmental Officer

Aleutian Islands East B-01 PPOR (AIEA-02) – Physical and Operational Characteristics																			
	Wide Bay	Broad Bay	Captain's Bay	Summer Bay	Dutch Harbor-APL dock	Dutch Harbor-UMC/USCG Position #1-7	Dutch Harbor-Delta Western	Dutch Harbor-W.P. Aux. Dock	Dutch Harbor-Western Pioneer	Hog Island Anchorage	Captains Bay N. Pacific Fuel	Magone Marine Services	Iliuliuk Bay Anchorage	Light Cargo Dock	Westward Seafood Dock	OSI-Reef Dock	Iliuliuk Harbor- UniSea		
ID Number	06-D	07-D	08-D	09-D	10-D	11-D	43-LII	44-LII	45-LII	46-LII	47-LII	60-LI	61-LI	62-LI	63-LI	64-LI	75-S		
Location	53°53.00'N 166°31.86'W	53°54.12'N 166°31.76'W	53°56.94'N 166°36.69'W	53°55.50'N 166°37.75'W	53°51.55'N 166°34.64'W	53°54.85'N 166°27.42'W	53°52.80'N 166°32.36'W	53°53.50'N 166°32.06'W	53°54.67'N 166°30.65'W	53°54.58'N 166°30.78'W	53°51.09'N 166°34.40'W	53°54.30'N 166°31.38'W	53°53.59'N 166°33.59'W	53°54.28'N 166°30.73'W	53°51.49'N 166°33.22'W	53°52.81'N 166°31.31'W	53°52.77'N 166°33.05'W		
Maximum Vessel Size	Deep draft, greater than 20,000 Gross Tons					Light draft-II, 10,000 to 20,000 Gross Tons					Light draft-I, 300 to 10,000 Gross Tons					Shallow draft-300 Gross tons or less			
Type of Berthing	Anchorage		Dock			Anchorage			Dock			Anchorage		Dock					
Contact	N/A		Harbor master-907.581.1254	N/A	Facility Manager-907.581.1200 Harbor master-907.581.1254	MSD-Unalaska-Supervisor 907.581.3466	Harbor master-907.581.1254	Harbor master-907.581.1254	Facility Manager 907.581.1295 Harbor master-907.581.1254	Harbor master-907.581.1254	Harbor master-907.581.1254	Dan Magone 907.581.1400	Harbor master-907.497.2237		Facility Manager 907.581.1660 Harbor master-907.497.2237	Manager-907.581.1827 Harbormaster-907.497.2237	Plant Manager 907.581.7300		
Navigational Approach	Approach from SE	Approach from NE,E	Approach from the N	Approach from the NW	Approach from the W	Approach from the W	Approach from the N	Approach from the E	Approach from the E	Approach from the NW	Approach from the NW	Approach from the E	Approach from the N	Approach from the W	Approach from the W	Approach from the W	Approach from the E		
Minimum Water Depths	18 Fathoms in swing area	38 Fathoms in swing area	14 Fathoms on Approach	9 Fathoms in the swing area	7 Fathoms on Approach	7.5 Fathoms at the dock face	5 Fathoms at the dock face	5.5 Fathoms at the dock face	5.5 Fathoms at the dock face	10 Fathoms in swing area	6 Fathoms at the dock face	6 Fathoms at the dock face	13 Fathoms in swing area	4.5 Fathoms at the dock face	4 Fathoms at the dock face	4.5 Fathoms at the dock face	3.75 Fathoms on approach (constricted channel)		
Maximum Water Depth	30 Fathoms in swing area	16 Fathoms in swing area	40 Fathoms in the swing area	9 Fathoms in the swing area	7.5 Fathoms at the dock face	7.5 Fathoms at the dock face	5 Fathoms at the dock face	5.5 Fathoms at the dock face	5.5 Fathoms at the dock face	19 Fathoms in swing area	7 Fathoms at the dock face	6 Fathoms at the dock face	16 Fathoms in swing area	4.5 Fathoms at the dock face	4 Fathoms at the dock face	4.5 Fathoms at the dock face	4 Fathoms at the dock face		
Maximum Vessel Draft	60 ft.			50 ft.	40 ft.	24-39 ft. Position dependant		30 ft.	29 ft.	27 ft.	30 ft.	36 ft.	35 ft.	30 ft.	25 ft.	24 ft.	26 ft.	24 ft. (tidal dependant)	
Swing Room/Dock Face	900 ft.	1800 ft.	3000 ft.	1800 ft.	540 (965 w/ dolphins)	1420 ft.	485 ft.	150 ft. Dock Face 300 ft. w/ dolphins	565 ft.	1200 ft.	510 ft.	625 ft.	1200 ft.	190 ft. Dock Face (370 ft. w/ dolphins)	800 ft.	450 ft.	540 ft.		
Bottom Type	Sand	Mud	Mud	Rocky	N/A												Silt	N/A	
Docks/Piers	Nearest Alt. Dock 06-D Dutch Harbor APL Dock					Nearest Alt. Dock- 11-D UMC/USCG Wharf Positions #1-7	Nearest Alt. Dock- 10-D APL Dock	Nearest Alt. Dock 45-LII Western Pioneer	Nearest Alt. Dock 45-LII Western Pioneer	Nearest Alt. Dock 44-LII W.P. Aux. Dock	Nearest Alt. Dock 45-LII Western Pioneer		Nearest Alt. Dock 62-LI Light Cargo Dock	Nearest Alt. Dock 61-LI Magone Marine Services		Nearest Alt. Dock 64-LI OSI Reef Dock	Nearest Alt. Dock 63-LI Westward Seafood	Nearest Alt. Dock 43-LII Delta Western	
Anchorage	Nearest Alt. Anchorage-07-D Broad Bay	Nearest Alt. Anchorage-06-D Wide Bay	Nearest Alt. Anchorage-07-D Broad Bay	Nearest Alt. Anchorage-06-D Wide Bay	Nearest Alt. Anchorage-09-D Summers Bay			Nearest Anchorage- 46 LII Hog Island			Nearest Alt. Anchorage-09-D Summers Bay	Nearest Alt Anchorage- 46-LII Hog Island	Nearest Alt. Anchorage-61-LI Iliuliuk Bay	Nearest Alt. Anchorage-09-D Summers Bay					
Prevailing Winds	Summer-southwest through northwest winds are common. Winter- winds occur from all directions.																		
Currents	Local currents are tidally influenced. All passes in the subarea have significant currents																		
Tides	Mean High Water-3.4 (Higher- 3.7) , Mean Low Water- 1.2 (Lower- -2.5)																		
Sea Conditions	Exposed to swell from the S	Exposed to swell from the S, NW	Sheltered from extreme sea states	Exposed to swell from the N, NW	Sheltered from extreme sea states					Exposed to swell from the NW	Sheltered from extreme sea states	Exposed to swell from the North	Sheltered from extreme sea states						
Shelter from Severe Storms	Sheltered from N and W.		Sheltered from all but extreme storms	Exposed to N and NW storms	Sheltered from all but extreme storms					Exposed to N and NW storms	Sheltered from all but extreme storms	Exposed to N storms	Sheltered from all but extreme storms						
Fog	Fog can occur during all seasons.																		

NOTE: Sensitive resource information can be found on other maps which can be accessed through the sensitive area section of the Aleutian Sub-Area Contingency Plan: <http://www.akrrt.org/AIPlan/aitoc.shtml>