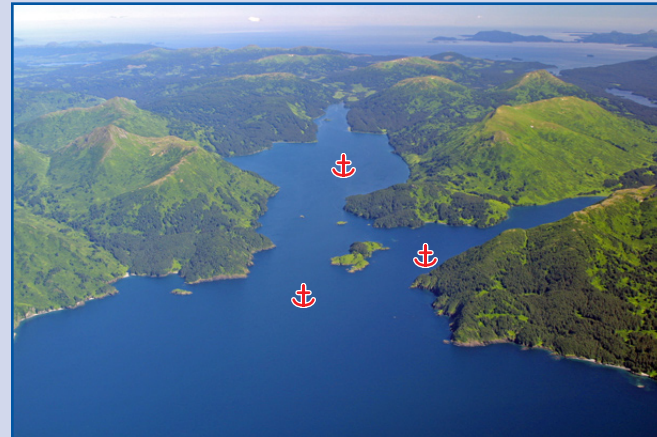
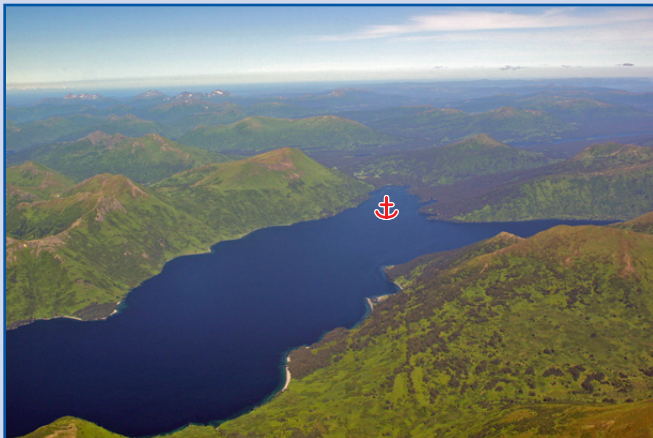




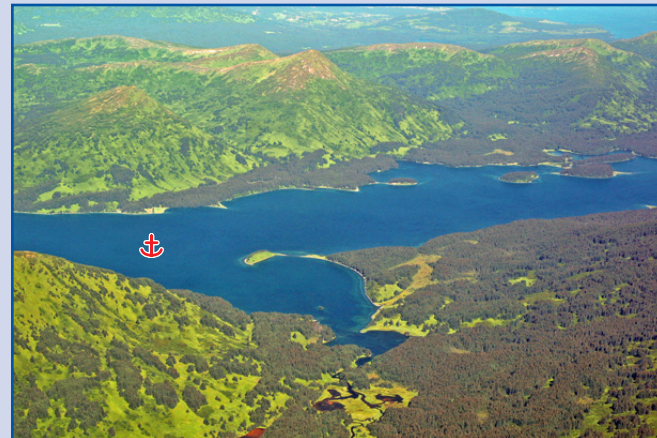
31-D Raspberry Island anchorage viewed from the East.



33-D, 93-S, 67-L Malina Bay from the Northwest.



94-S Muskomee Bay from the South.

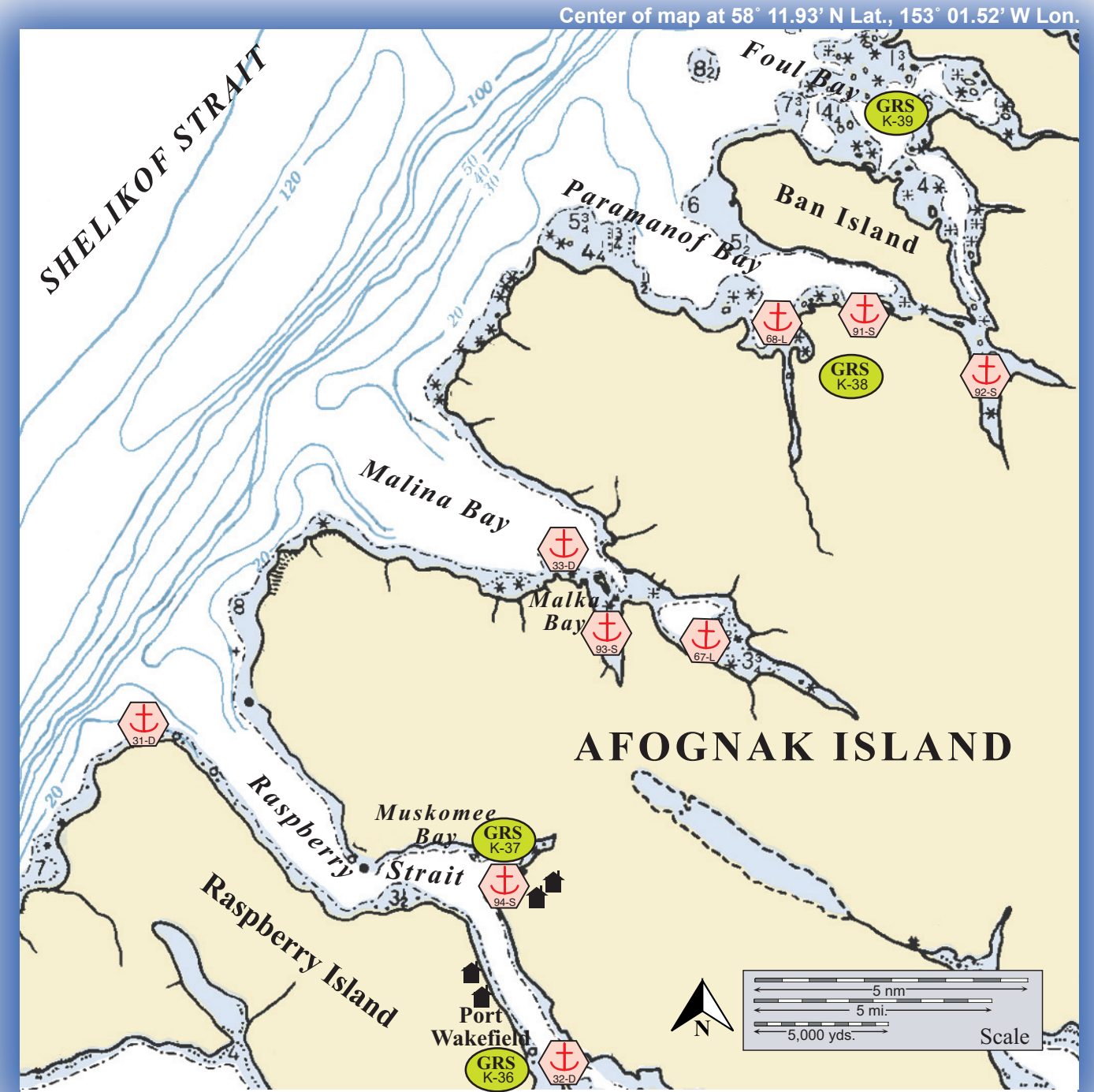


32-D Raspberry Strait anchorage from the South.



68-L, 91-91-S Paramanof Bay anchorages from the West.

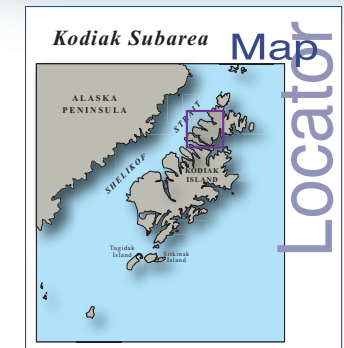
Potential Places of Refuge for Kodiak Island Subarea



Center of map at 58° 11.93' N Lat., 153° 01.52' 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

**Kodiak
PPOR
Map 09**

USGS 1:250K Quadrangle Map
Reference - Afognak

Kodiak PPOR-09 Site Considerations – Western Afognak Island Area										
Name	Raspberry Island Anchorage	Raspberry Strait	Malina Bay	Malina Bay	Paramanof Bay	Paramanof Bay-east	Paramanof Bay-west	Malka Bay	Muskomee Bay	
ID Number (See Key Below)	31-D	32-D	33-D	67-L	68-L	91-S	92-S	93-S	94-S	
Human Health & Safety										
Communities – distances-nm	Port Lions-35, Kodiak-60	Port Lions-47, Kodiak-72	Port Lions-46, Kodiak-71	Port Lions-49, Kodiak-74	Port Lions-43, Kodiak-68	Port Lions-43, Kodiak-68	Port Lions-43, Kodiak-68	Port Lions-48, Kodiak-73	Port Lions-43, Kodiak-68	
Natural Resource Considerations										
Wildlife	Salmon and herring spawning, sea lions, seals, otters, eagle nesting, seabird nesting, waterfowl concentration									
Threatened & Endangered Species	Sea lions feed in the area, no noted haulouts									
Environmentally Sensitive Areas	Nearby Selief and Muskomee Bays are designated as Environmentally Sensitive Areas		Not designated			Designated as Environmentally Sensitive Areas				
Other Stakeholder Considerations										
Fisheries	Salmon, herring, crab, groundfish									
Historic Properties	If suspected cultural artifacts are encountered, notify the State Historic Preservation Office and the land managers. Review adjacent GRS (if applicable) for information on historic properties.									
Mariculture	None		Salmon runs enhanced			None				
Subsistence	Intertidal harvest, salmon, ground fish									
Tourism/Recreation	High recreational use area- sport fishing, kayaking, anchorage, excursion boats									
Waterfront Public Facilities/Parks	None				Kodiak National Wildlife Refuge-no facilities					
Waterfront Private Facilities	None	Numerous private cabins and lodges	None			None			Numerous private cabins and lodges	
Response and Salvage Resource Considerations										
Ability to Boom Vessel	Weather dependent		Yes			Weather dependent			Yes	
Geographic Response Strategies	K-36 Selief Bay, K-37 Muskomee Bay		None			K-38 Paramanof Bay			None	K-37 Muskomee Bay
Closest Alternative Places of Refuge (same sized vessel)	PPOR 09-33-D Malina Bay: 13nm	PPOR 09-31-D Raspberry Island Anchorage: 14nm	PPOR 09-31-D Raspberry Island Anchorage: 13nm	PPOR 09-68-L Paramanof Bay: 18nm	PPOR 09-67-L Malina Bay: 18nm	PPOR 09-92-S Paramanof Bay-west: 3nm	PPOR 09-91-S Paramanof Bay-east: 3nm	PPOR 09-92-S Paramanof Bay-west: 16nm	PPOR 09-93-S Malka Bay: 17nm	

Site ID Number and Vessel Size Classification
D = Deep Draft Vessel, greater than 20,000 GT
L = Light Draft Vessel, up to 20,000 GT
S = Shallow Draft Vessel, 300 GT and less

Kodiak PPOR-09 Physical and Operational Characteristics – Western Afognak Island Area										
Name	Raspberry Island Anchorage	Raspberry Strait	Malina Bay	Malina Bay	Paramanof Bay	Paramanof Bay-east	Paramanof Bay-west	Malka Bay	Muskomee Bay	
ID Number	31-D	32-D	33-D	67-L	68-L	91-S	92-S	93-S	94-S	
Anchorage Locations	58°09.20'N 153°18.96'W	58°02.47'N 153°02.17'W	58°12.70'N 153°01.78'W	58°11.13'N 152°57.00'W	58°17.18'N 152°54.30'W	58°17.17'N 152°50.83'W	58°16.07'N 152°46.03'W	58°11.12'N 153°00.23'W	58°06.42'N 153°03.84'W	
Mooring Locations	Nearest PPOR 02-44-L Kazakof Bay-1 Moorage									
Docks/Piers	Nearest PPOR 08-90-S Port Bailey Cannery-10ft. max vessel draft at MLLW									
Maximum Vessel Size	Deep draft, greater than 20,000 Gross Tons				Light draft, up to 20,000 Gross Tons			Shallow draft, 300 Gross Tons and less		
Type of Berthing	Anchorage									
Contact	N/A									
Navigational Approach	Approach from N,S,SW	Approach from NW	Approach from W				Approach from N	Approach from SE		
Minimum Water Depths	14 Fathoms in swing area	17 Fathoms in swing area	13 Fathoms in swing area	13 Fathoms in swing area	15 Fathoms on approach	17 Fathoms in swing area	5 Fathoms in swing area	6.75 Fathoms in swing area	2.5 Fathoms in swing area	
Maximum Water Depth	27 Fathoms in swing area	18 Fathoms in swing area	41 Fathoms in swing area	29 Fathoms in swing area	23 Fathoms in swing area	23 Fathoms in swing area	12 Fathoms in swing area	17 Fathoms in swing area	13 Fathoms in swing area	
Maximum Vessel Draft	60 ft		25 ft.			15 ft.			12 ft.	
Swing Room	3600 ft.	1500 ft.	2400 ft.	2400 ft.	1900 ft.	800 ft.	800 ft.	500 ft.	800 ft.	
Bottom Type	Mud	Volcanic Ash	Sand	Mud	Sand		Mud			
Prevailing Winds	Variable in direction and velocity, strong winds occur throughout the area									
Currents	Alaska Coastal Current runs SE down Shelikof Strait	Current runs east through the Strait	Currents are negligible							
Tides	Mean High Water-13.5 (Higher-14.4) , Mean Low Water- 1.4 (Lower- -5.0)			Mean High Water-13.7 (Higher-14.5) , Mean Low Water- 1.7 (Lower- -4.5)					Mean High Water-13.5 (Higher-14.4) , Mean Low Water- 1.4 (Lower- -5.0)	
Sea Conditions	Exposed to swell from the N,SW,W	Exposed to swell from the NW	Exposed to swell from the W			Sheltered	Exposed to swell from the W	Sheltered	Exposed to swell SW	
Shelter from Severe Storms	Sheltered from storms from the S,SE,E	Exposed to storms from the NW	Exposed to storms from the W			Sheltered	Exposed to storms from the W	Sheltered	Exposed to storms from the SW	
Fog	Fog can occur during all seasons.									

Kodiak PPOR-09 Western Afognak Island Area Stakeholders	
Landowner (yr-2006)	Contact
Kodiak National Wildlife Refuge	Dept. of the Interior-Regional Environmental Officer
Afognak Native Corporation	Chief Executive Officer
Ouzinkie Native Corporation	President
Afognak Joint Venture	Chief Executive Officer
Alaska Department of Natural Resources	Natural Resource Manager
Kodiak Island Borough	Borough Manager
Alaska Maritime National Wildlife Refuge	Dept. of the Interior-Regional Environmental Officer
Private Landowners-contact Alaska State Lands Recorder Office	Kodiak District Recorder
11 Native Allotments	Dept. of the Interior-Regional Environmental Officer

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