



37-D Kuliak Bay from the North.



37-D Kuliak Bay from the East.



95-S Russian Anchorage from the East.



39-D Dakavak Bay from the Northeast.



38-D Missak Bay from Northeast.

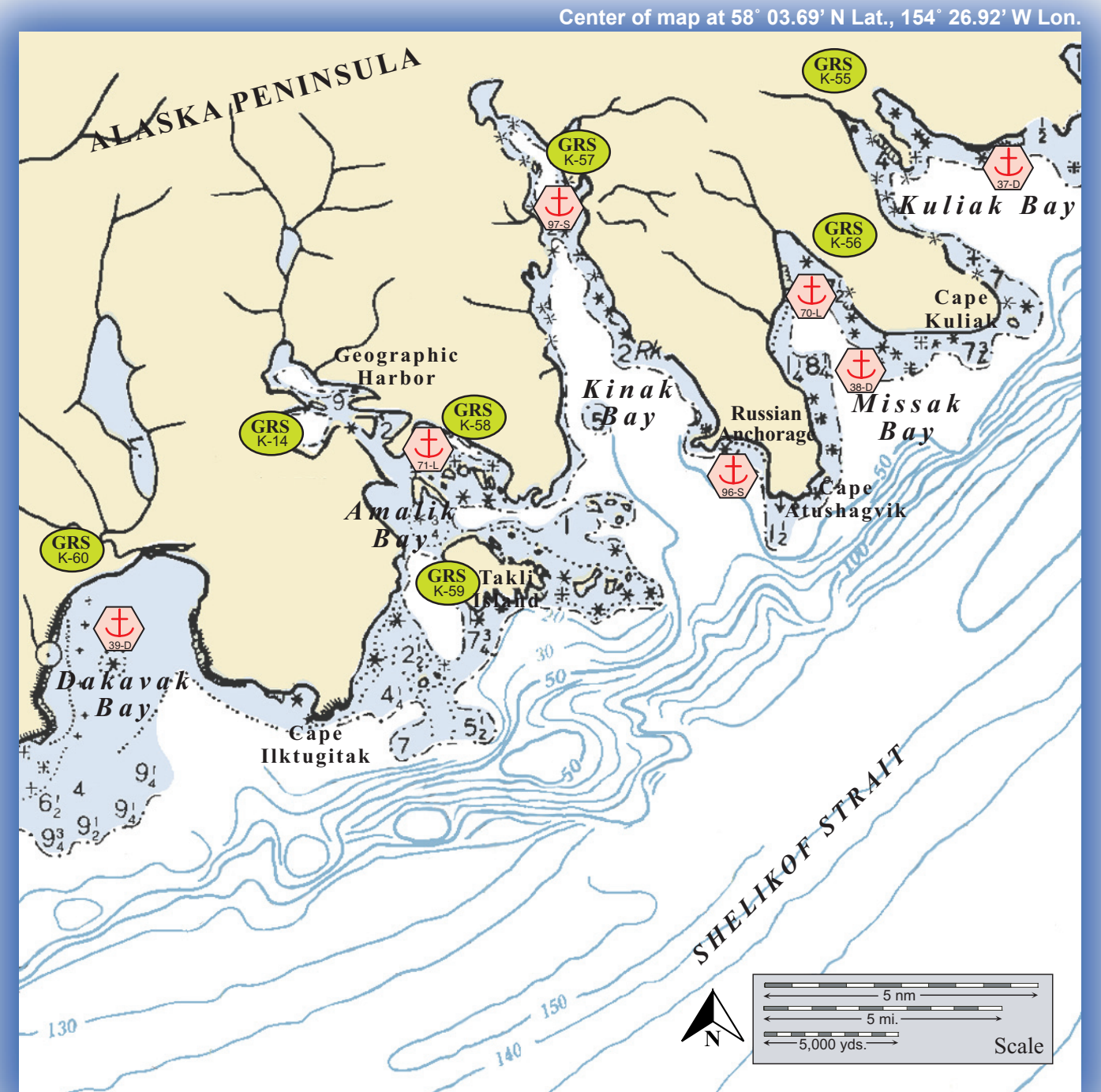


70-L Missak Bay from the East.



71-L Amalik Bay from the Southwest.

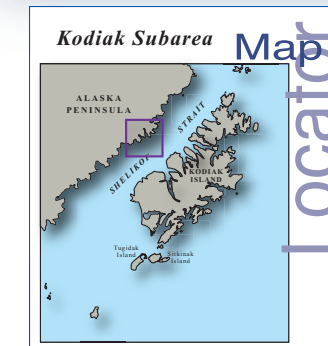
Potential Places of Refuge for Kodiak Island Subarea



Center of map at 58° 03.69' N Lat., 154° 26.92' 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 11**

USGS 1:250K Quadrangle Map
Reference - Mount Katmai

Kodiak PPOR-11 Site Considerations – Southern Mainland Area							
Name	Kuliak Bay	Missak Bay	Dakavak Bay	Missak Bay	Amalik Bay	Russian Anchorage	Kinak Bay
ID Number (See Key Below)	37-D	38-D	39-D	70-L	71-L	96-S	97-S
Human Health & Safety							
Communities – distances-nm	Karluk-42, Larsen Bay-40, Port Lions-50, Kodiak-60	Karluk-34,Larsen Bay-37,Kodiak-76	Karluk-29,Larsen Bay-39,Kodiak-82	Karluk-34,Larsen Bay-37,Kodiak-76	Karluk-30,Larsen Bay-38,Kodiak-78	Karluk-30,Larsen Bay-38,Kodiak-78	Karluk-34,Larsen Bay-42,Kodiak-82
Natural Resource Considerations							
Wildlife	Sea lions, harbor seals, otters, salmon spawning, seabird nesting, waterfowl concentrations, eagle nesting, bears	Sea lions, harbor seals, otters, salmon & herring spawning, seabird nesting, waterfowl concentrations, eagle nesting, bears					
Threatened & Endangered Species	Sea lions feed throughout the area			Sea lion haulouts on Takli Island		Sea lions feed throughout the area	
Environmentally Sensitive Areas	All sites are 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						
Subsistence	None						
Tourism/Recreation	High recreational use area- sport fishing, anchorage, excursion boats, wildlife viewing						
Waterfront Public Facilities/Parks	Katmai National Park & Preserve-no facilities available - designated wilderness						
Waterfront Private Facilities	None						
Response and Salvage Resource Considerations							
Ability to Boom Vessel	Weather dependent			Yes		Weather dependent	
Geographic Response Strategies	K-55 Kuliak Bay	K-56 Missak Bay, K-55 Kuliak Bay, K-57 Kinak Bay	K-60 Dakavak Bay	K-56 Missak Bay, K-55 Kuliak Bay, K-57 Kinak Bay	K-58 Amalik Bay, K-59 Takli Island, K-14 Geographic Harbor, K-57 Kinak Bay		
Closest Alternative Places of Refuge	PPOR 10-36-D Kukak Point-11.5nm	PPOR10-37-D Kuliak Bay-5.2nm	PPOR11-38-D Missak Bay-17.5nm	PPOR11-71-L Amalik Bay-13.5nm	PPOR11-70-L MissakBay-13.5nm	PPOR11-97-S Kinak Bay-5nm	PPOR11-96-S Russian Anchorage-5nm

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-11 Physical and Operational Characteristics – Southern Mainland Area							
Name	Kuliak Bay	Missak Bay	Dakavak Bay	Missak Bay	Amalik Bay	Russian Anchorage	Kinak Bay
ID Number	37-D	38-D	39-D	70-L	71-L	96-S	97-S
Anchorage Locations	58°10.37'N 154°12.17'W	58°06.59'N 154°16.88'W	58°02.94'N 154°40.32'W	58°07.71'N 154°19.21'W	58°05.82'N 154°31.15'W	58°05.32'N 154°21.50'W	58°09.67'N 154°26.56'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						
Type of Berthing	Anchorage						
Contact	N/A						
Navigational Approach	Approach from SE	Approach from S,E	Approach from SE	Approach from SE	Approach from SE	Approach from S	
Minimum Water Depths	13 Fathoms in swing area	12 Fathoms in swing area	8 Fathoms on approach	8.3 Fathoms in swing area	5.2 Fathoms on approach	11 Fathoms on approach	9 Fathoms on approach
Maximum Water Depth	29 Fathoms in swing area	36 Fathoms in swing area	19 Fathoms in swing area	30 Fathoms in swing area	14 Fathoms in swing area	25 Fathoms in swing area	44 Fathoms in swing area
Maximum Vessel Draft	60 ft			35 ft.		25 ft.	
Swing Room	3000 ft.	3000 ft.	3000 ft.	2400 ft.	1000 ft.	1200 ft.	600 ft.
Bottom Type	Mud, Shells	Mud			Sand	Sand,Shells	Mud
Prevailing Winds	Variable in direction and velocity, strong winds occur throughout the area						
Currents	Alaska Coastal Current runs SE down Shelikof Strait						
Tides	Mean High Water-12.5 (Higher-13.3) , Mean Low Water- 1.4 (Lower- -4.0)						
Sea Conditions	Exposed to swell from the S,E,NE	Exposed to swell from the S,E,NE	Exposed to swell from the SW,S,SE	Exposed to swell from the S,E	Sheltered	Exposed to swell from the SW,S,SE	Exposed to swell from the S
Shelter from Severe Storms	Exposed to storms from the S,E,NE	Exposed to storms from the S,E,NE	Exposed to storms from the SW,S,SE	Exposed to storms from the S,E	Sheltered	Exposed to storms from the SW,S,SE	Exposed to storms from the S
Fog	Fog can occur during all seasons.						

Kodiak PPOR-11 Southern Mainland Area Stakeholders	
Landowner (yr-2006)	Contact
Katmai National Park & Preserve	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>