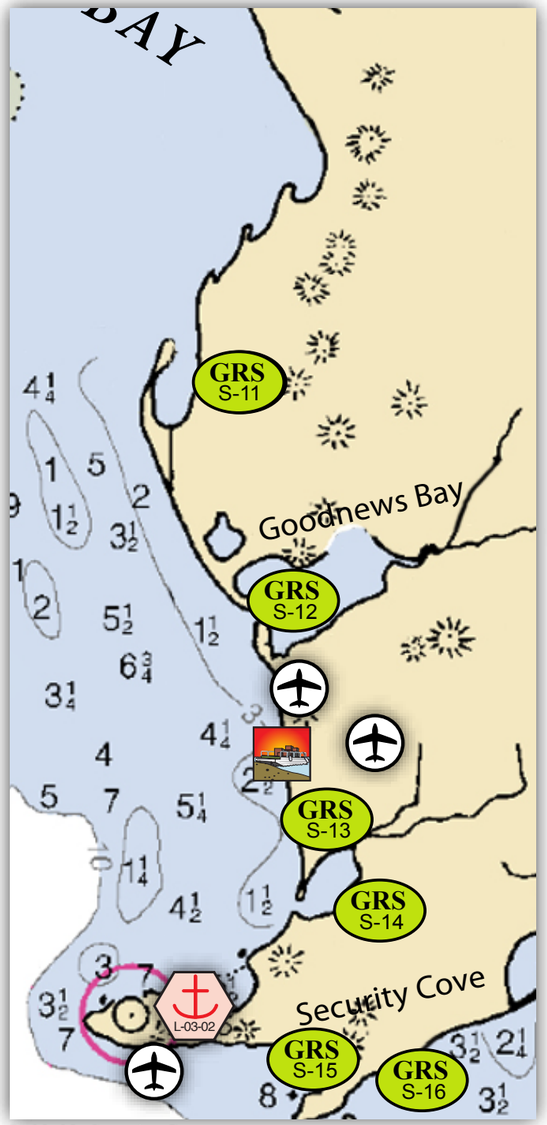


L-03-02, Security Cove.

L-03-01, West Channel.

S-03-01, Port of Bethel.

Stakeholders for PPOR Zone 03 of the Western Alaska Subarea			
Landowner (year-2012)	***Contact***	***Landowner (year-2012)***	***Contact***
City of Quinhagak	Mayor	Iqfijouaq Company	President
Native Village of Kwinhagak	President	Calista Corporation	President
Qanirtuuq, Incorporated	President	Alaska Department of Natural Resources	State Historic Preservation Officer
Bethel Native Corporation	President	Native Allotments	Dept of the Interior-Regional Environmental Officer
City of Bethel	Mayor	Bureau of Land Management	Anchorage District Office Manager
Orutsararmuit Native Village	President	Yukon Delta National Wildlife Refuge	Dept of the Interior-Regional Environmental Officer
City of Eek	Mayor	Togiak National Wildlife Refuge	Dept of the Interior-Regional Environmental Officer
Native Village of Eek	Mayor		

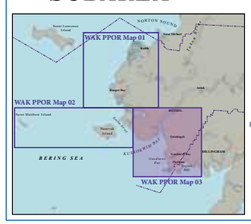
Potential Places of Refuge *for Western Alaska Subarea*

Center of map at 59° 07.80' N Lat., 162° 38.83' W Lon.

This is not intended for navigational use.

Soundings in fathoms

Western Alaska SUBAREA Map Locator



Map Legend

- Anchorage
- Mooring
- Dock/pier
- Crane
- Airport
- Consult ACS Tech Manual
- Private Cabins
- Public Use Cabins
- Boat Harbor
- Barge Landing

Western Alaska PPOR

Map 03

USGS 1:1,534,076 Quadrangle Map Reference - Bering Sea Eastern Part 16606_1

NUKA Research & Planning Group, LLC.

Site Information for Western Alaska PPOR Map 03

Physical and Operational Characteristics for PPOR Zone 3 of the Western Alaska Subarea			
	Eek Channel	**Security Cove**	**Port of Bethel**
ID Number	**L-03-01**	**L-03-02**	**S-03-01**
Location *(In the general area)*	59°49.36'N 162°21.40'W	58°42.91'N 161°59.38'W	60° 47.47'N 161° 44.72'W
Maximum Vessel Size			Shallow Draft
Type of Berthing	Anchorage		Dock
Contact	N/A		Port Director- 907-543-2310
Navigational Approach	Approach from the SW	Approach from the W, NW, N	
Minimum Water Depths *(MLLW)*	30 ft.	35 ft.	13 ft. on approach
Maximum Vessel Draft	25 ft.	30 ft.	13 ft.
Swing Room or Dock Face *(w/ dolphins)*	.37 nm to shoal	1.25 nm to shoal	200 ft.
Bottom Type	Mud bottom with multi-sandbars	Soft	N/A
Nearest Alternative Dock/Piers	71 nm to Bethel (shallow draft)	140 nm to Bethel (shallow draft)	380 nm to False Pass Ferry Dock
Nearest Alternative Anchorage	67 nm to L-03-02	67 nm to L-03-01	71 nm to L-03-01
Prevailing Winds	The prevailing winds in summer are NE, E, and SE. The strong blows are from the same directions.		NW are common March-June. S-SW are predominant in midsummer.
Currents	Tidal currents 2-2.5 kts. General current drifts N at 0.5	Minimal currents at anchorage.	River currents up to 5 kts, varies throughout the year.
Tides (winds may effect water depth more significantly than tidal influence)	Mean High 10.2 ft. (Higher 12.3) Mean Low 0.5 (Lower -3.0)	Mean High 6.8 ft. (Higher 8.9) Mean Low 0.6 (Lower -3.0)	Tidal influence minimal at dock face
Sea Conditions	Exposed anchorage, sea swell will be demisished with winds from the N through S	Protected from seas from E-S	None
Shelter from Severe Storms	Exposure to SW, S, SE	Exposed to W, NW	Sheltered
Fog	Fog is common during the navigation season. July and August are usually the worst months.		Fog is common early in the navigational season; deminishes later in summer.
Ice	Ice forms in rivers and bays in October. Navigation in open waters is suspended December to May		Ice forms in late October. Ice typically breaks up in early May.

Site ID Number & Vessel Size Classification
DII = Deep Draft Vessels lengths up to 1000 feet, 40-60 feet of draft, greater than 10,000 GT
DI = Deep Draft Vessels lengths up to 1000 feet, 20-40 feet of draft, greater than 10,000 GT
L= Light Draft Vessel up to 450 feet in length, draft up to 20 feet
S = A shallow draft vessel less than 300 Gross Tons, has a draft less than 15 ft., LOA less than 200 ft

Site Considerations for PPOR Zone 03 of the Western Alaska Subarea			
	West Channel	**Security Cove**	**Port of Bethel**
ID Number	**L-03-01**	**L-03-02**	**S-03-01**
Human Health & Safety			
Community-distance to (nm)	Quinhagak - 11 nm / pop. 675	Quinhagak - 65 nm / pop. 675	Bethel - 0.0nm / pop. 6522
Health Care Facilities	Quinhagak (Kwinhagak) Clinic: 907-556-8113 / Quinhagak EMA Quick Response Team: 907-556-8448		Yukon-Kuskokwim Delta Regional Hospital 907-543-6300
Natural Resources Considerations			
Fish & Wildlife	Shorebird concentrations, seabird concentrations, waterfowl concentrations, anadromous fish		Waterfowl concentration, anadromous fish
Threatened & Endangered Species	None		
Sensitive Areas	None		
Other Stakeholder Considerations			
Fisheries	Salmon	Salmon, herring	Salmon
Historic Properties	Historic properties are present throughout the area.		
Subsistence	High level of subsistence activity.		
Tourism/Recreation	None		Local recreation and seasonal tourism
Waterfront Public Facilities/Parks	Togiak National Wildlife Refuge		Port of Harbor / Togiak National Wildlife Refuge
Waterfront Private Facilities	None		None
Response and Salvage Resource Consideration			
Ability to Boom Vessel	No		Yes
Geographic Response Strategies	None	WA-S-15	None
Closest Alternative Place of Refuge for same sized vessel	67 nm to L-03-02	67 nm to L-03-01	71 nm to L-03-01

NOTE: Sensitive resource information can be found on other maps which can be accessed through the sensitive area section of the North Slope Subarea Contingency Plan: http://dec.alaska.gov/spar/perp/plans/scp_wak.htm