

Places of Refuge

Locator Map

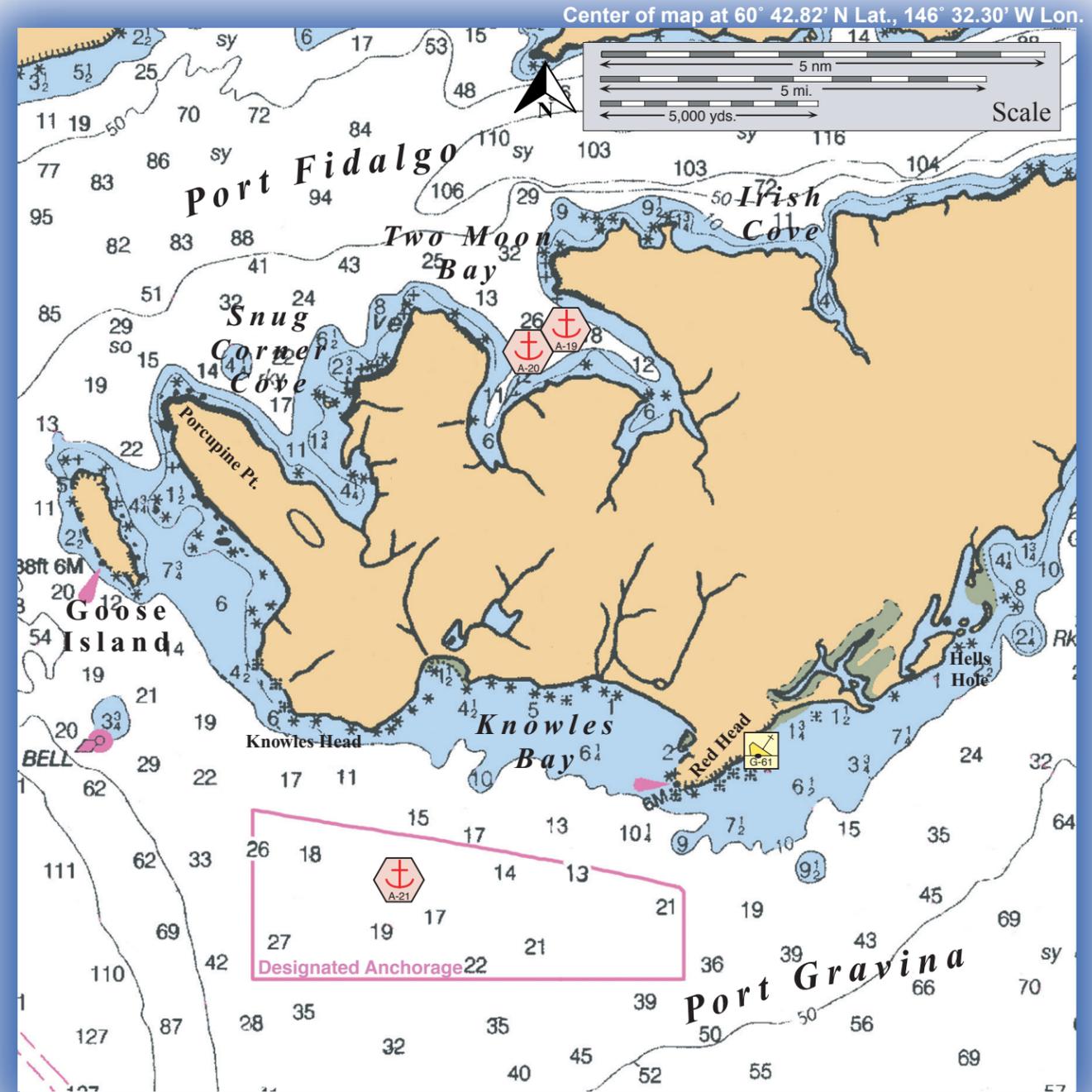


Knowles Head looking east.

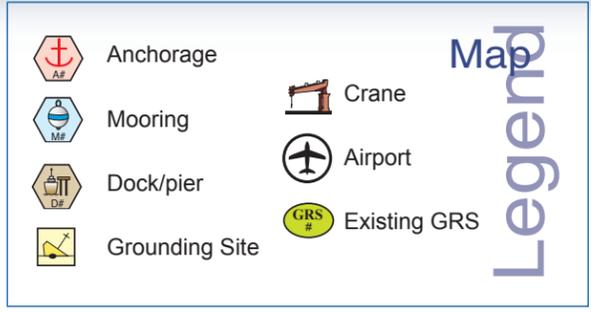


Two Moon Bay looking southeast.

Potential Places of Refuge for Prince William Sound Subarea



This is not intended for navigational use.



PWS PPOR Map 04

PPOR-04 Knowles Head and Two Moon Bay Physical and Operational Characteristics			
	A19 East Two Moon Bay Anchorage	A20 West Two Moon Bay Anchorage	A21 Knowles Head Anchorage
Maximum Vessel Size	Light draft, up to 20,000 Gross Tons	Light draft, up to 20,000 Gross Tons	Deep draft, greater than 20,000 Gross Tons
Contact	N/A		
Navigational Approach	Approach from the N., midchannel course followed into the arms		Approach open from the S., E., W.
Minimum Water Depths	7.5 Fathoms in swing area	8 Fathoms in swing area	13 Fathoms in swing area
Maximum Water Depths	19 Fathoms in swing area	18 Fathoms in swing area	36 Fathoms in swing area
Maximum Vessel Draft	30 ft.	30 ft.	65 ft.
Swing Room/Dock Face	1200 ft.	1300 ft.	6500 ft.
Bottom Type	Mud		
Docks/Piers	Nearest-D18 Tatitlik Ferry Dock- 8 nm		Nearest-D18 Tatitlik Ferry Dock- 15nm.
Moorings	Nearest-M12 SERVS Buoy Port Valdez-38nm. Seasonally available.		Nearest M30 SERVS Buoy Port Etches-27nm. Seasonally available.
Anchorage	Location 60° 45.41N 146° 32.88W	Location 60° 45.24N 146° 33.63W	Identified anchorage area around 60° 38.80N 146° 35.32W
Firefighting Anchorages	Nearest Identified A21-Knowles Head		A21-Knowles Head is an identified MFF anchorage
Grounding Sites	Nearest Identified-G60 Sac Bay-9 nm		Nearest Identified-G61 Red Head-5nm
Prevailing Winds	NE. (Oct.-April), SW .(May-Sept.)		
Currents	Negligible		
Tides	Mean High Water- 11.0 ft (Higher 12.0)., Mean Low Water- 1.5 ft.(Lower -5.0)-Snug Corner Cove		
Sea Conditions	Possible light swell from the N.	Possible significant swell from the S. exposure	
Shelter from Severe Storms	Sheltered from all directions except severe N. storms		Extremely exposed to S.,E.,W.
Fog	Fog can occur during all seasons.		Fog is less likely at Knowles Head
Ice	None		

PPOR-04 Knowles Head and Two Moon Bay Stakeholders

	Contact
U.S. Department of Agriculture, US Forest Service	CNF EVOS Liason/Subsistence Coordinator
Department of the Interior	Regional Environmental Officer
National Marine Fisheries Service/ NOAA	Protected Resources Biologist
State of Alaska Department of Natural Resources	Natural Resource Manager
Alaska Department of Fish & Game	Habitat Biologist
Chugach Alaska Corporation	Vice President Land & Resources
Native Village of Tatitlek	President
Tatitlek Corporation	President
Native Village of Eyak	President
Prince William Sound Regional Citizens Advisory Council	Executive Director
For Native allotments, contact the Department of the Interior	Regional Environmental Assistant
For private landowners, contact the Alaska State Lands, Valdez Recorders Office	District Recorder

NOTE: Additional contact information is included in Part One of the SCP Prince William Sound Subarea Contingency Plan.

PPOR-04 Knowles Head and Two Moon Bay Site Considerations			
	A-19 East Two Moon Bay Anchorage	A-20 West Two Moon Bay Anchorage	A-21 Knowles Head Anchorage
Human Health and Safety Considerations			
Communities – distances/population	Tatitlek- 9nm/ pop.110; Cordova- 53nm/ pop.2571; Valdez- 43nm/ pop.4155		Tatitlek- 16nm/ pop.110; Valdez- 47nm/ pop.4155; Cordova- 35nm/ pop.1571
Natural Resources Considerations			
Fish and Wildlife	Bald eagle nests, waterfowl, sea otter concentrations, shorebirds, spawning salmon		
Threatened & Endangered Species	Steller Sea Lions occur, but there are no haulout or rookeries.		
Sensitive Areas	Hell's Hole, Olsen Bay		
Other Stakeholder Considerations			
Fisheries	Purse seine: salmon		None
Mariculture	None		
Subsistence	Fish and seal harvest activities documented		
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.		
Tourism/Recreation	None		
Waterfront Public Facilities/Parks	EVOS Conservation Easements		
Waterfront Private Facilities	There are private lands/cabins in Two Moon Bay		
Response and Salvage Resources Considerations			
Can Vessel Be Boomed?	Yes		Difficult due to sea state and water depth
Geographic Response Strategies	PWS-NE-09 and PWS-NE-10		
Closest Alternative Places of Refuge	PPOR-03 A-16 Boulder Bay Anchorage: 9nm		PPOR-03 A-17 South Bligh Island Anchorage: 13nm

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