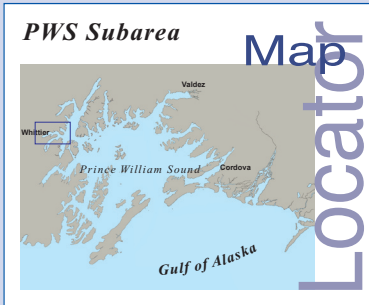


Places of Refuge

Map Locator

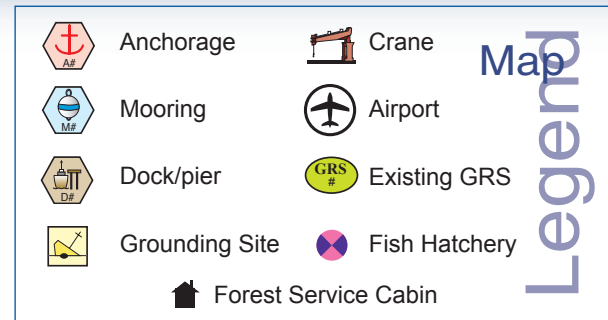
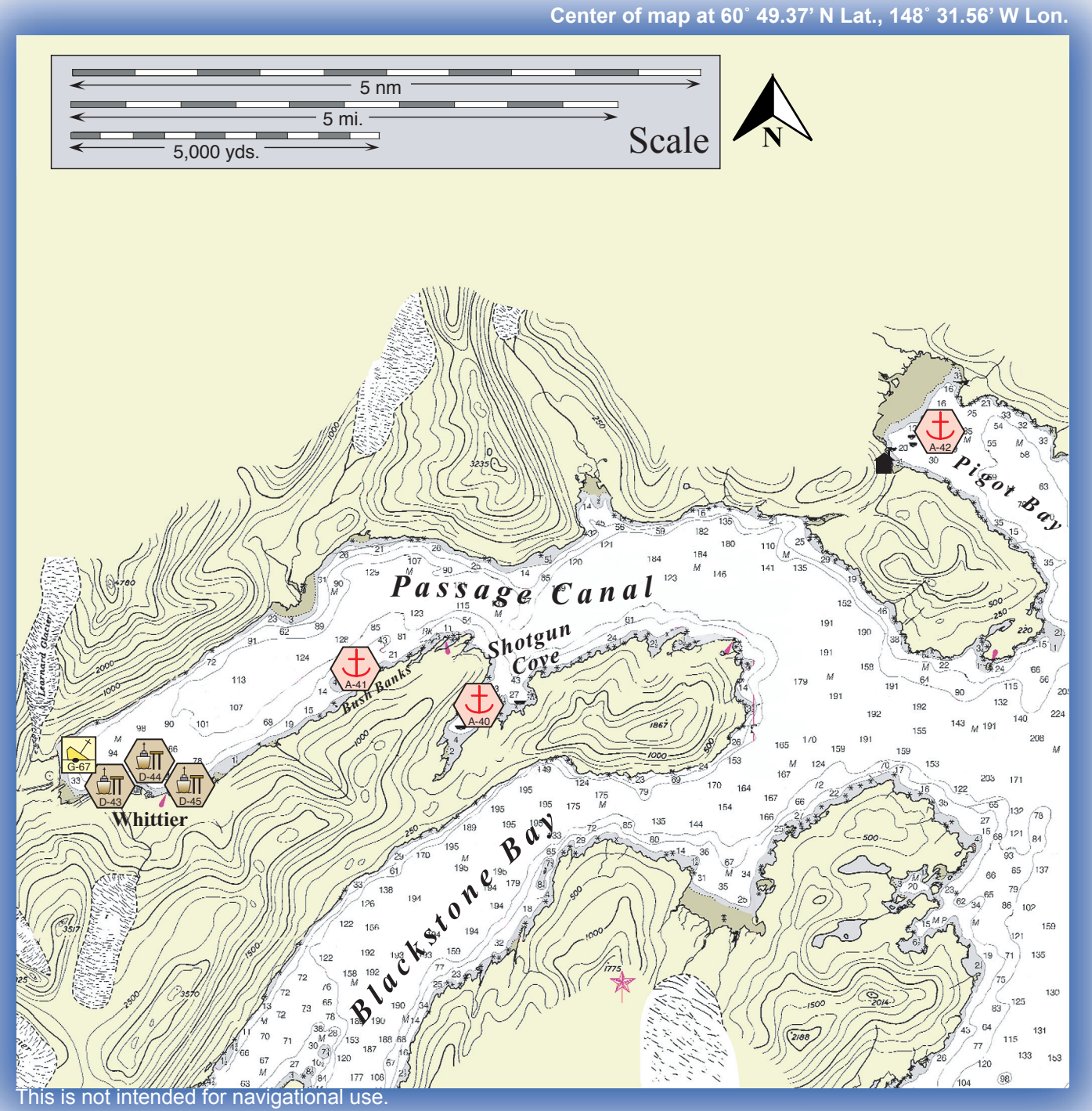


Passage Canal looking southwest.



Whittier looking south.

Potential Places of Refuge for Prince William Sound Subarea



PWS PPOR Map 12

PPOR-12 Whittier Area Physical and Operational Characteristics						
	A40 Shotgun Cove Anchorage	A41 Bush Banks Anchorage	D43 Whittier Cruise Ship Dock	D44 DeLong Pier	D45 Whittier Ferry Dock	A42 Pigot Bay Anchorage
Maximum Vessel Size	under 300 Gross Tons	up to 20,000 Gross Tons	greater than 20,000 Gross Tons	greater than 20,000 Gross Tons (<i>Tonnage may change due to re-construction in 2005</i>)	up to 20,000 Gross Tons	greater than 20,000 Gross Tons
Contact	N/A	N/A	Port Manager 907-550-7711	Harbor Master/Port Director 907-427-2723		N/A
Navigational Approach	Approach from the N.	Approach from the E. or W.	Approach from the E.	Approach from the E. or W.	Approach from the E. or W.	Approach from the SE.
Minimum Water Depths	5 Fathoms in swing area	11 Fathoms in swing area	13 Fathoms at the dock face	6 Fathoms at the dock face	3 Fathoms at the dock face	24 Fathoms in swing area
Maximum Water Depths	28 Fathoms in swing area	35 Fathoms	N/A			35 Fathoms in swing area
Maximum Vessel Draft	15 ft.	50 ft.	65 ft.	30 ft.	15 ft.	65 ft.
Swing Room/Dock Face	700 ft.	1200 ft	660 ft.	425 ft.	200 ft.	1300 ft.
Bottom Type	Mud		N/A			Mud
Docks/Piers	Nearest-D45 Whittier Docks-5 nm.	Nearest-D45 Whittier Docks-3 nm.	60° 46.71N 148° 41.83W	60° 46.71N 148° 40.05W	60° 46.61N 148° 40.45W	Nearest-D45 Whittier Docks-3 nm.
Moorings	Nearest M39 Outside Bay Moorage					
Anchorage	60° 47.76N 148° 33.01W	60° 48.17N 148° 35.95W	Nearest A41 Bush Banks Anchorage			60° 50.76N 148° 22.42W
Firefighting Anchorage	Nearest Identified-A40 Shotgun Cove					
Grounding Sites	Nearest Identified- G67 Head of Passage Canal-Approximate-60° 46.63N 148° 42.87W					
Prevailing Winds	NE (Oct-April), SW (May-Sept.). Significant winds possible from the W.					
Currents	Negligible					
Tides	Mean High Water- 11.3 (Higher- 12.3) , Mean Low Water- 1.5 (Lower -4.0)					
Sea Conditions	Sheltered from severe sea conditions	Swell Possible from the W.	Sheltered from severe sea conditions			Swell Possible from the SW.
Shelter from Severe Storms	Sheltered from severe storms	Exposed to storms from the W.	Exposed to storms from the W.			Exposed to storms from the SW.
Fog	Fog can occur during all seasons.					
Ice	None					

PPOR-12 Whittier Area Stakeholders	
	Contact
U.S. Department of Agriculture, US Forest Service	CNF EVOS Liaison/ 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
Alaska State Parks	PWS District Ranger
Prince William Sound Regional Citizens Advisory Council	Executive Director
City of Whittier	Harbor Master/ Port Director
Chugach Alaska Corporation	Vice President Land & Resources
Northwest Cruiseship Association	President
Alaska Steamship Response	Incident Management Team
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-12 Whittier Area Site Considerations						
	A-40 Shotgun Cove Anchorage	A-41 Bush Banks Anchorage	A-42 Pigot Bay Anchorage	D-43 Whittier Cruise Ship Dock	D-44 DeLong Pier	D-45 Whittier Ferry Dock
Human Health and Safety						
Communities – distances/population	Whittier 5.5nm/ pop. 306	Whittier 4nm/pop. 306	Whittier 18.5nm/ pop.306	Whittier 0nm/ pop.306		
Natural Resources Considerations						
Fish and Wildlife	Bald eagle nests, seabird colonies, waterfowl concentrations, spawning salmon, harbor seals					
Threatened & Endangered Species	None noted					
Sensitive Areas	Billings Creek, Poe Bay, Logging Camp Creek, Cove Creek, Whittier Creek, Decision Point, Entry Cove, Swanson Creek, Meacham Creek					
Other Stakeholder Considerations						
Fisheries	No commercial fishing		Purse seine, drift gill net: salmon; spawning channel	No commercial fishing		
Mariculture	Remote release site, spawning channel in upper Pigot Bay					
Subsistence	None noted					
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	High Recreation Use Area – Sportfishing, cruise ships, excursion boats, charter boats					
Waterfront Public Facilities/Parks	State Marine Parks: Decision Point, Surprise Cove, Entry Cove; campsites					
Waterfront Private Facilities	None			Numerous in Whittier		
Response and Salvage Resources Considerations						
Can Vessel Be Boomed?	Yes					
Geographic Response Strategies	None					
Closest Alternative Place of Refuge	PPOR-12 A-41 Bush Banks Anchorage:3nm	PPOR-12 A-40 Shotgun Cove Anchorage: 3nm	PPOR-12 A-40 Shotgun Cove Anchorage: 12nm	PPOR-12 A-40 Shotgun Cove Anchorage: 5.5nm		

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>.