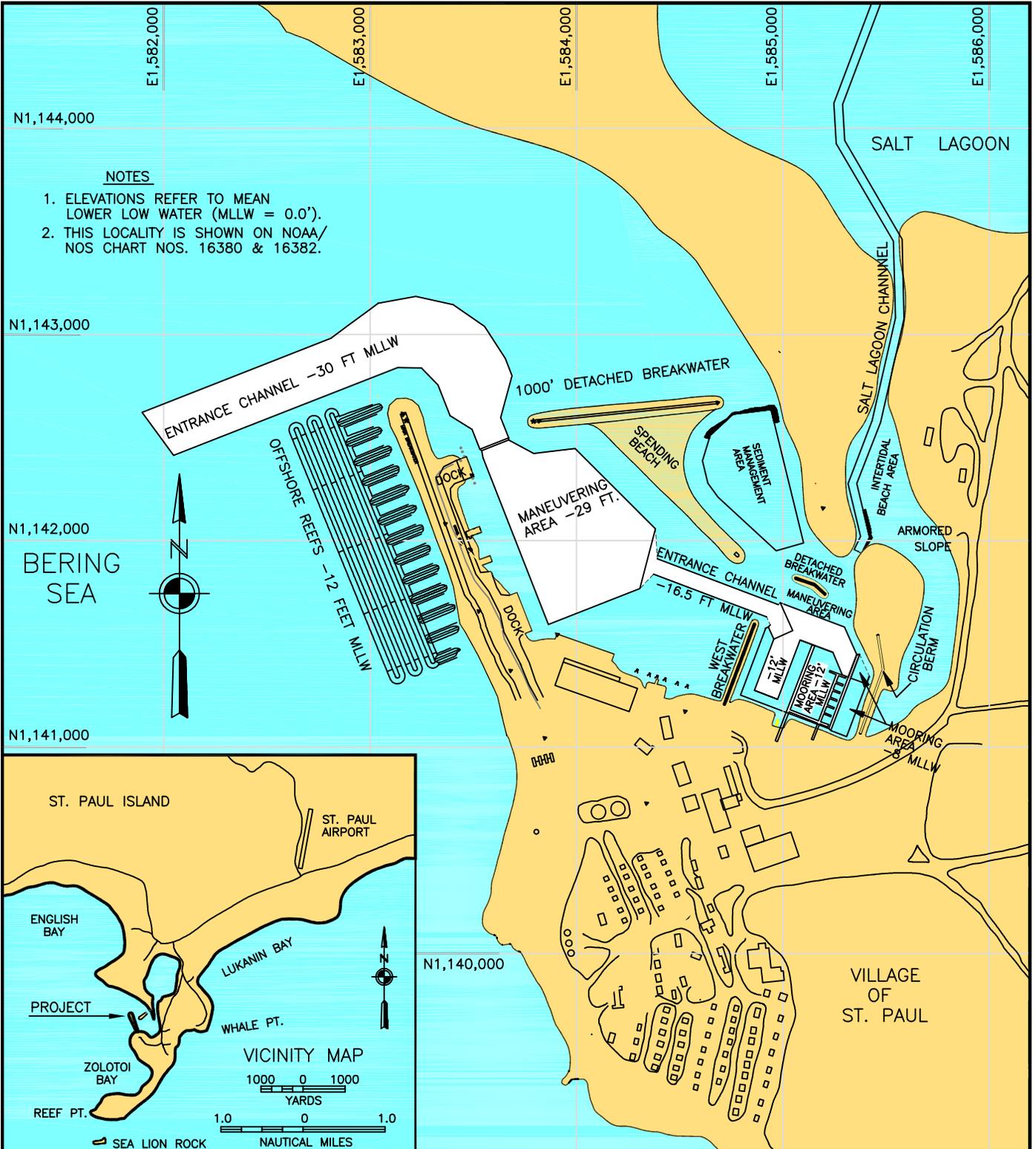
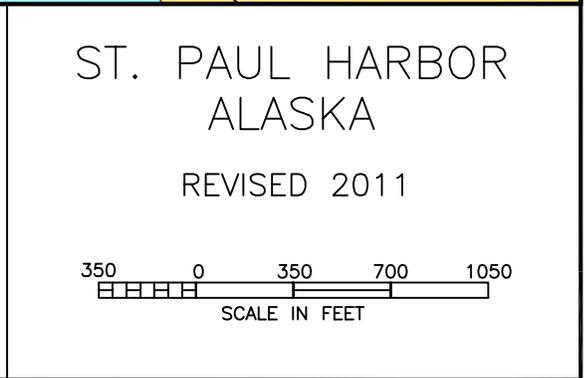
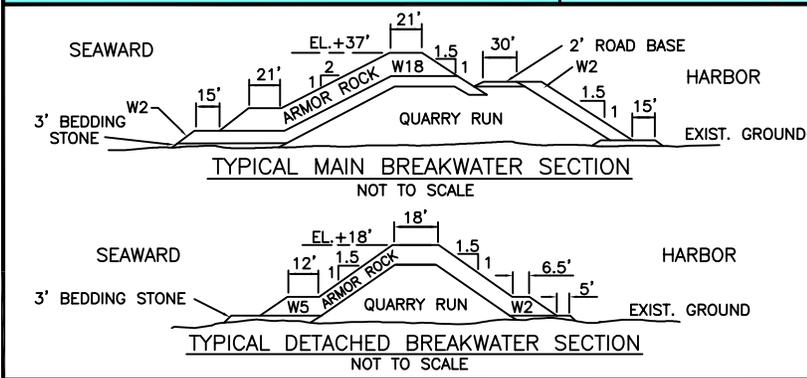
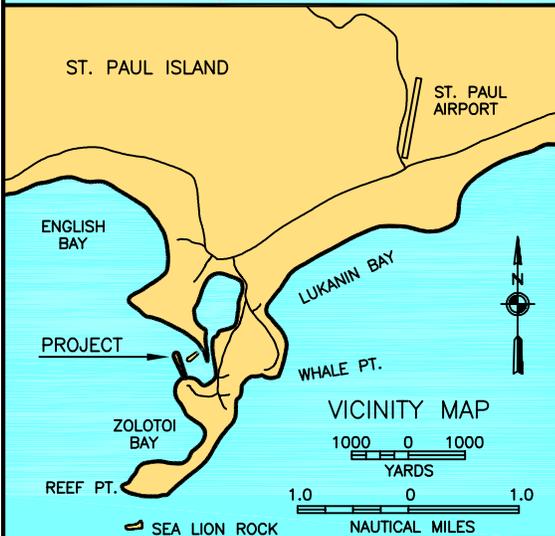


ST. PAUL HARBOR



- NOTES**
1. ELEVATIONS REFER TO MEAN LOWER LOW WATER (MLLW = 0.0').
 2. THIS LOCALITY IS SHOWN ON NOAA/ NOS CHART NOS. 16380 & 16382.



ST. PAUL HARBOR, ST. PAUL ISLAND, ALASKA
(CWIS NO. 80526, 10429, 10169)

Condition of Improvement 30 September 2011

AUTHORIZATION: (1) Water Resources Development Act, 17 November 1986 (Public Law 99-662, Section 202) as adopted, provides for an addition to the existing breakwater of 1050 feet at 37 feet above MLLW, a detached breakwater 1000 feet in length at 18 feet above MLLW protecting Village Cove, and a maneuvering area 200 feet wide at 18 feet below MLLW. (2) Water Resources Development Act of 1996, (Section 101(b)(3), Public Law 104-303) provides for an entrance channel at -30 feet MLLW, enlarges the maneuvering basin to 415 by 830 feet with a depth of -29 feet MLLW, creates a wave spending beach at +4 feet MLLW, a tidal channel into the Salt Lagoon at 40 feet in width at -3 feet MLLW for environmental mitigation, and three off-shore reefs 1,300 feet in length at -12 feet MLLW. (3) Water Resources Development Act of 1999, 106th Congress, provides for a small boat harbor with an entrance channel at -16 feet MLLW and a maneuvering area at -12 feet MLLW with appropriate wave protection flow directing features consisting of a breakwater of 435 feet at 10 feet above MLLW and a circulation berm of 530 feet at 10 feet above MLLW.

LOCAL COOPERATION: Under Section 204(e) of Public Law 99-662, the Federal government agreed to reimburse the City 80% of the project costs upon acceptance by the Corps of Engineers. Under this agreement, the project was initially funded and supervised by the City of St. Paul.

EXISTING PROJECT:	<u>LENGTH</u>	<u>DEPTH</u>	<u>WIDTH</u>
• Main Breakwater (Federal)	1050 ft		
• Detached Breakwater	1000 ft		
• Entrance Channel	2000 ft	-30 ft	Varies
• Maneuvering Area	Varies	-29 ft	Varies
• Offshore Reefs (3)	1300 ft	-12 ft	
• Birth Area		-29 ft	
• Intertidal Beach Area		0 ft	

SMALL BOAT HARBOR:	<u>LENGTH</u>	<u>DEPTH</u>	<u>WIDTH</u>
• Detached Breakwater	160 ft		
• Circulation Berm	485 ft		
• Attached Breakwater	435 ft		
• Entrance Channel	Varies	-16 ft	Varies
• Mooring/Maneuvering Area.		-12 ft	
• Mooring Area (Back)		-8 ft	

PROJECT USAGE: The harbor at St. Paul (Pribilof Islands) is an important harbors-of-refuge for the bottom-fishing fleet in the Bering Sea and provides crucial economic support for this remote community. (See St. George, project 1-44, for related project)

St. Paul Harbor, St. Paul Island, St. Paul, Alaska



St. Paul Harbor Pictures taken in the summer of 2011.

St. Paul Harbor, St. Paul Island, St. Paul, Alaska



Breakwaters at St. Paul Harbor, St. Paul Island in 2011.

St. Paul Harbor, St. Paul Island, St. Paul, Alaska



The new St. Paul Harbor addition. Photograph taken in the summer of 2011.

St. Paul Harbor, St. Paul Island, St. Paul, Alaska



St. Paul Harbor on St. Paul Island in the summer of 2011.