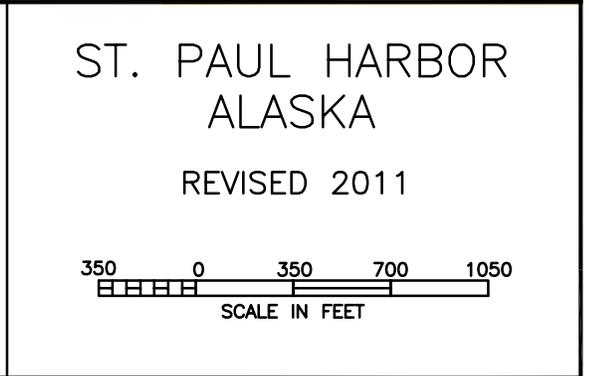
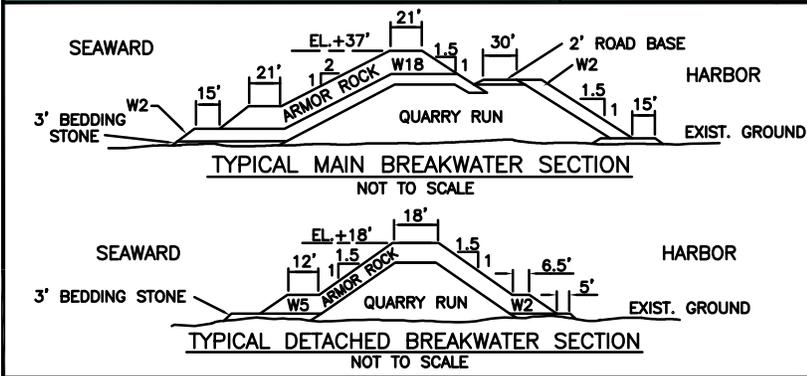
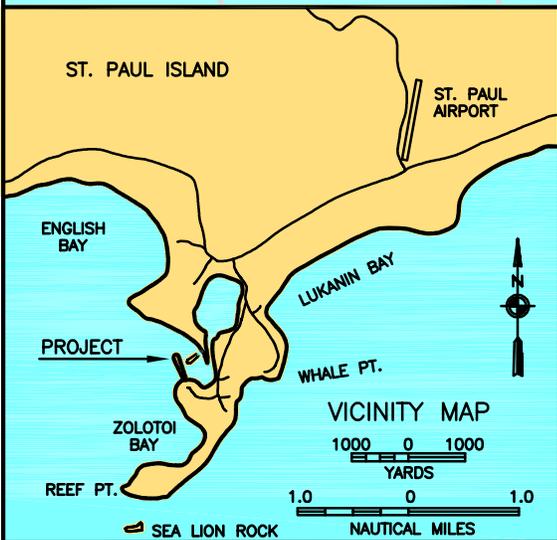
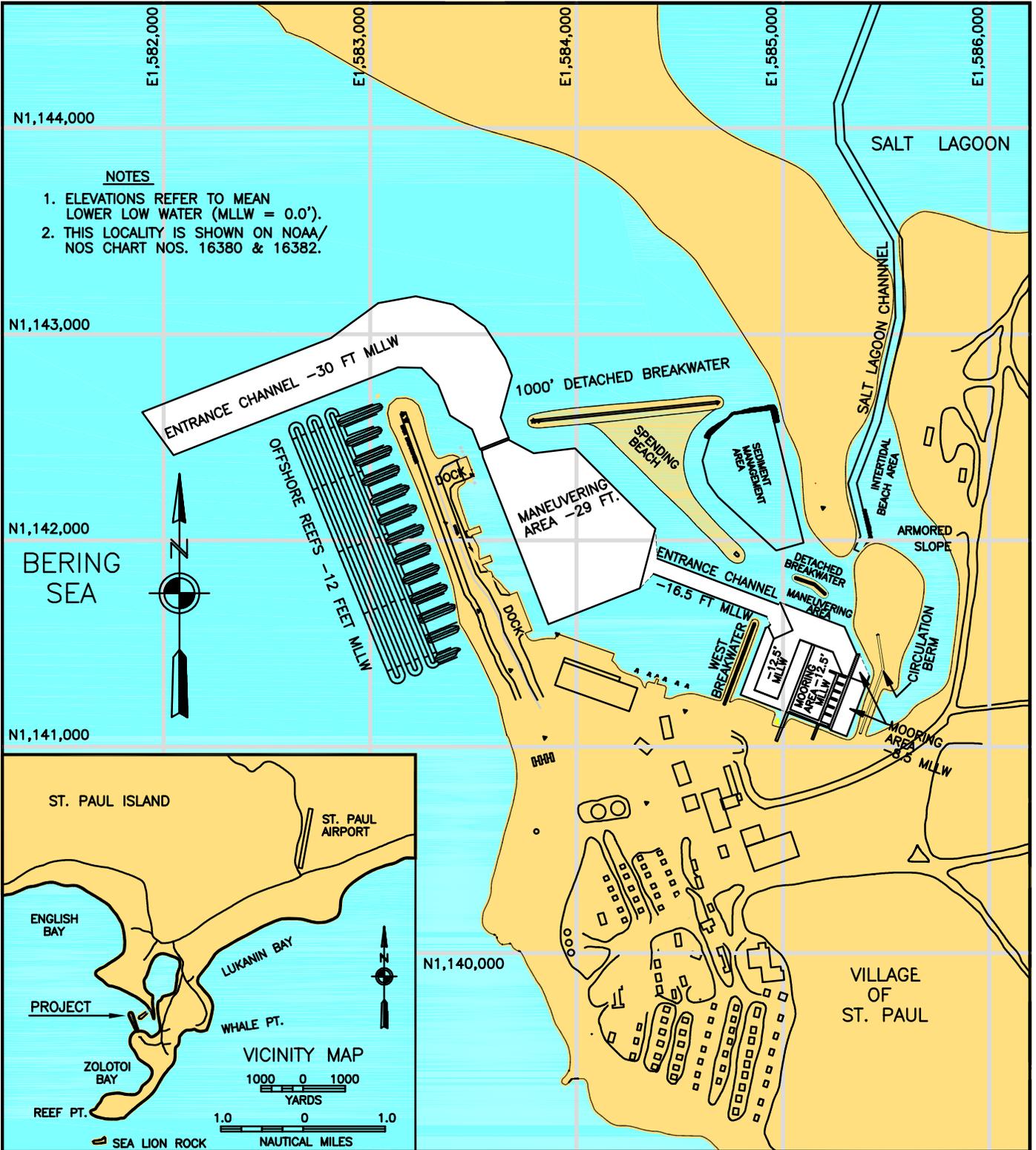


# **ST. PAUL HARBOR**



**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, 106<sup>th</sup> 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.

<b>EXISTING PROJECT:</b>	<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	

<b>SMALL BOAT HARBOR:</b>	<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.