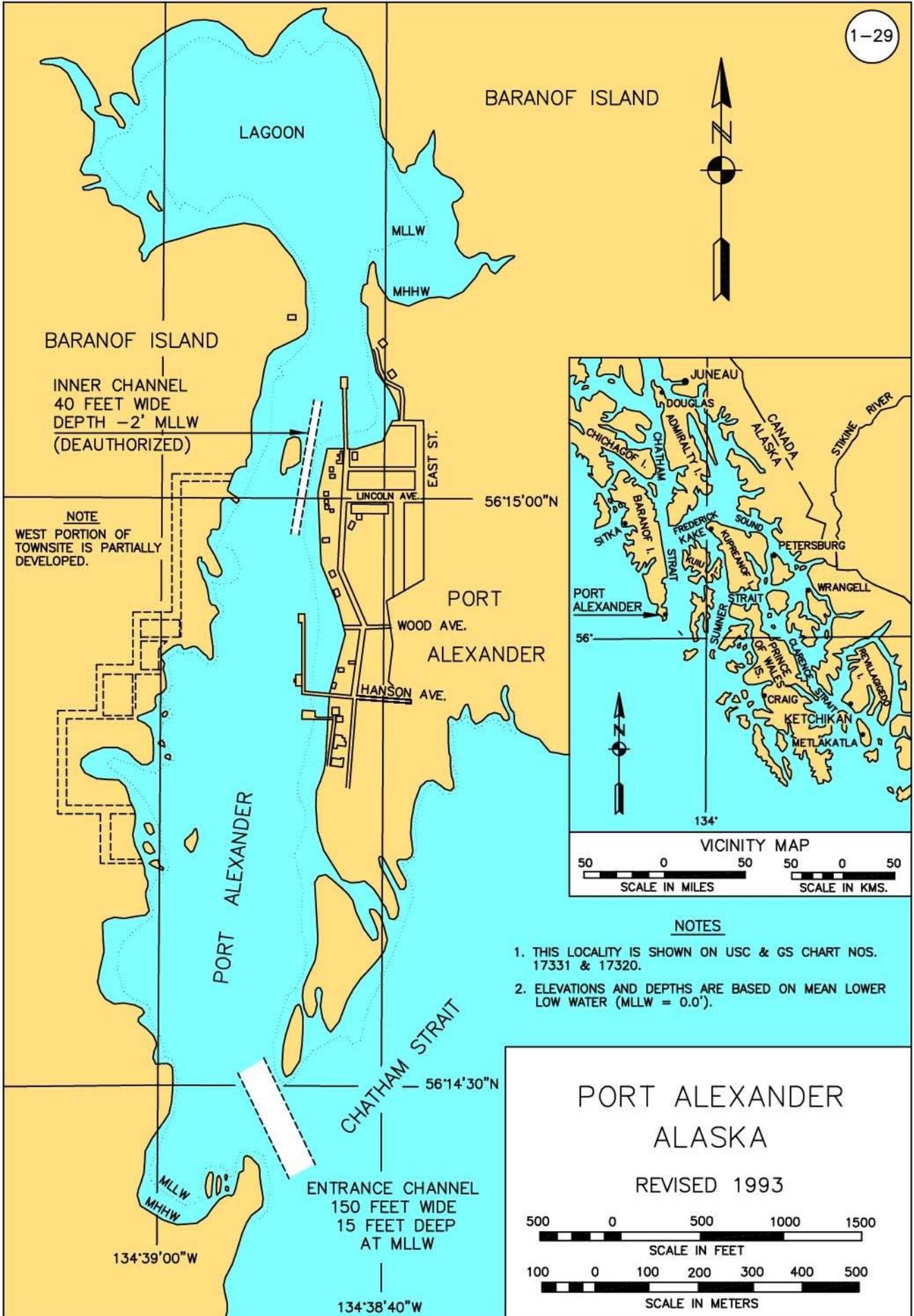


PORT ALEXANDER



BARANOF ISLAND

INNER CHANNEL
40 FEET WIDE
DEPTH -2' MLLW
(DEAUTHORIZED)

NOTE
WEST PORTION OF
TOWNSITE IS PARTIALLY
DEVELOPED.

BARANOF ISLAND

LAGOON

MLLW

MHHW

BARANOF ISLAND

56°15'00"N

PORT

WOOD AVE.

ALEXANDER

HANSON AVE.

PORT ALEXANDER

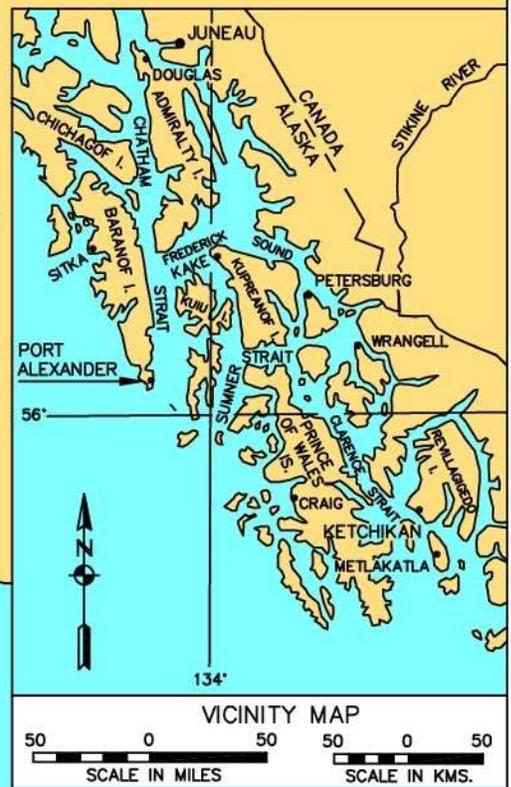
CHATHAM STRAIT

56°14'30"N

ENTRANCE CHANNEL
150 FEET WIDE
15 FEET DEEP
AT MLLW

134°39'00"W

134°38'40"W



VICINITY MAP

50 0 50 50 0 50

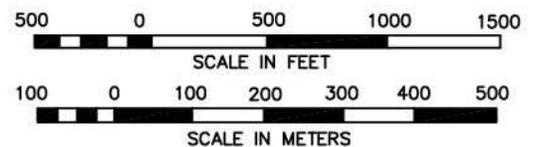
SCALE IN MILES SCALE IN KMS.

NOTES

1. THIS LOCALITY IS SHOWN ON USC & GS CHART NOS. 17331 & 17320.
2. ELEVATIONS AND DEPTHS ARE BASED ON MEAN LOWER LOW WATER (MLLW = 0.0').

PORT ALEXANDER
ALASKA

REVISED 1993



PORT ALEXANDER, ALASKA
(CWIS NO. 72761)

Condition of Improvement 30 September 2005

AUTHORIZATION: (1) Rivers and Harbors Act, 3 July 1930 (House Doc. 106, 70th Congress, 1st Session) as adopted, provides for the removal of ledge rock to create a channel 150 feet wide at a depth of 15 feet below MLLW for the main entrance, and a channel 40 feet wide at a depth of 2 feet below MLLW for the entrance to the inner lagoon. (2) Rivers and Harbors Act, 2 March 1945 (House Doc. 578, 76th Congress, 3rd Session) as adopted, provides for increasing the depth of the inner channel to 6 feet below MLLW.

EXISTING PROJECT:	<u>LENGTH</u>	<u>DEPTH</u>	<u>WIDTH</u>
• Outer channel	690 ft	-15 ft	150 ft

PROJECT USAGE: The two channels give access to a natural harbor area capable of serving 200 vessels. The present project is considered adequate since fish resources in the area have declined and do not warrant additional facilities. Port Alexander is also an important harbor-of-refuge.

PROGRESS OF WORK:

- 1931 - Both channels are dredged to their respective project depths.
- 1945 - Additional depth is authorized for the inner channel.
- 1949 - The last full report on the project indicates that the original project depths are available, and no new work is scheduled.
- 1977 - Additional improvement to the inner channel is de-authorized under Section 12 of Public Law 93-251, 6 November 1977.
- 1992 - The condition of the outer channel is checked by hydrographic survey in July.
- 1999 - A condition survey is conducted in June.
- 2005 - The most recent condition survey is conducted in May, and vertical and oblique aerial photography are taken in April.

COST TO DATE:	<u>New Work</u>	<u>Maintenance</u>	<u>Total</u>
	\$ 17,000	\$ 151,705	\$ 168,705

RANGE OF TIDE:	<u>Mean Range</u>	<u>Diurnal Range</u>	<u>Extreme Range</u>
	9.0'	11.4'	19.5'

CONTROLLING DEPTH: A depth of -13.8 feet MLLW appears to control in the outer channel, 30 feet inside the western project limit, May 2005.

PORT ALEXANDER, ALASKA



Port Alexander, 29 April 2005