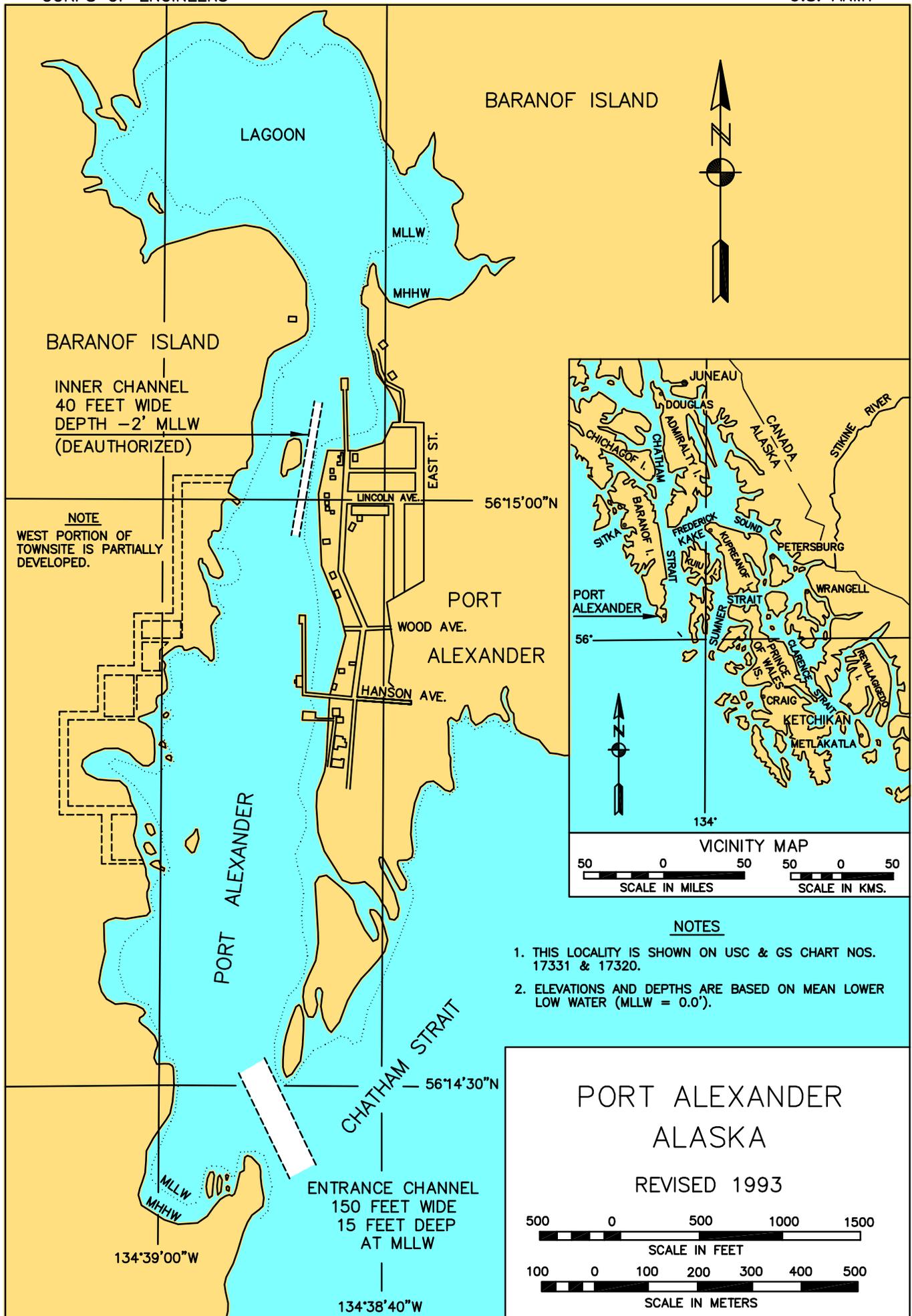


# Port Alexander



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

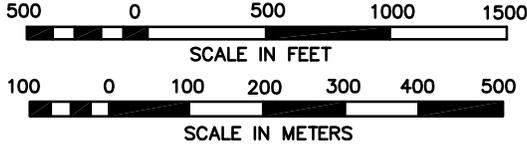
NOTE  
WEST PORTION OF  
TOWNSITE IS PARTIALLY  
DEVELOPED.

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



Condition of Improvements  
 30 December 2014  
**Port Alexander, Alaska**  
 (CWIS No. 072761)

**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.

**Table 1**

Existing Project	Length ft.	Width ft.	Depth ft.
Outer Channel	690	150	-15

**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**

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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	A condition survey is conducted in May, vertical and oblique aerial photography are taken in April.
2011	A project condition survey was conducted in July.
2012	USACE Comprehensive Evaluation of Project Datums (CEPD) Compliance report completed and recorded in September.

**Table 2 Cost to Date**

<b>Project</b>	<b>Description</b>	<b>Cost \$</b>
072761	CG	17,000
	O&M	594

**Table 3 Range of Tides in feet**

<b>Tide Station</b>	<b>Mean Range</b>	<b>Diurnal Range</b>	<b>Extreme Range</b>
945 1054 Port Alexander AK	8.63	10.92	19.21

**Controlling Depth** A depth of -5.7 feet MLLW appears to control the outer channel, 5 feet inside the western project limit just north of station 4+00, July 2011. The controlling depth near mid channel is -18.5 around station 4+00.

# Port Alexander, Alaska



Northwest oblique of Port Alexander, August 2005.



Entrance to Port Alexander, 2011.