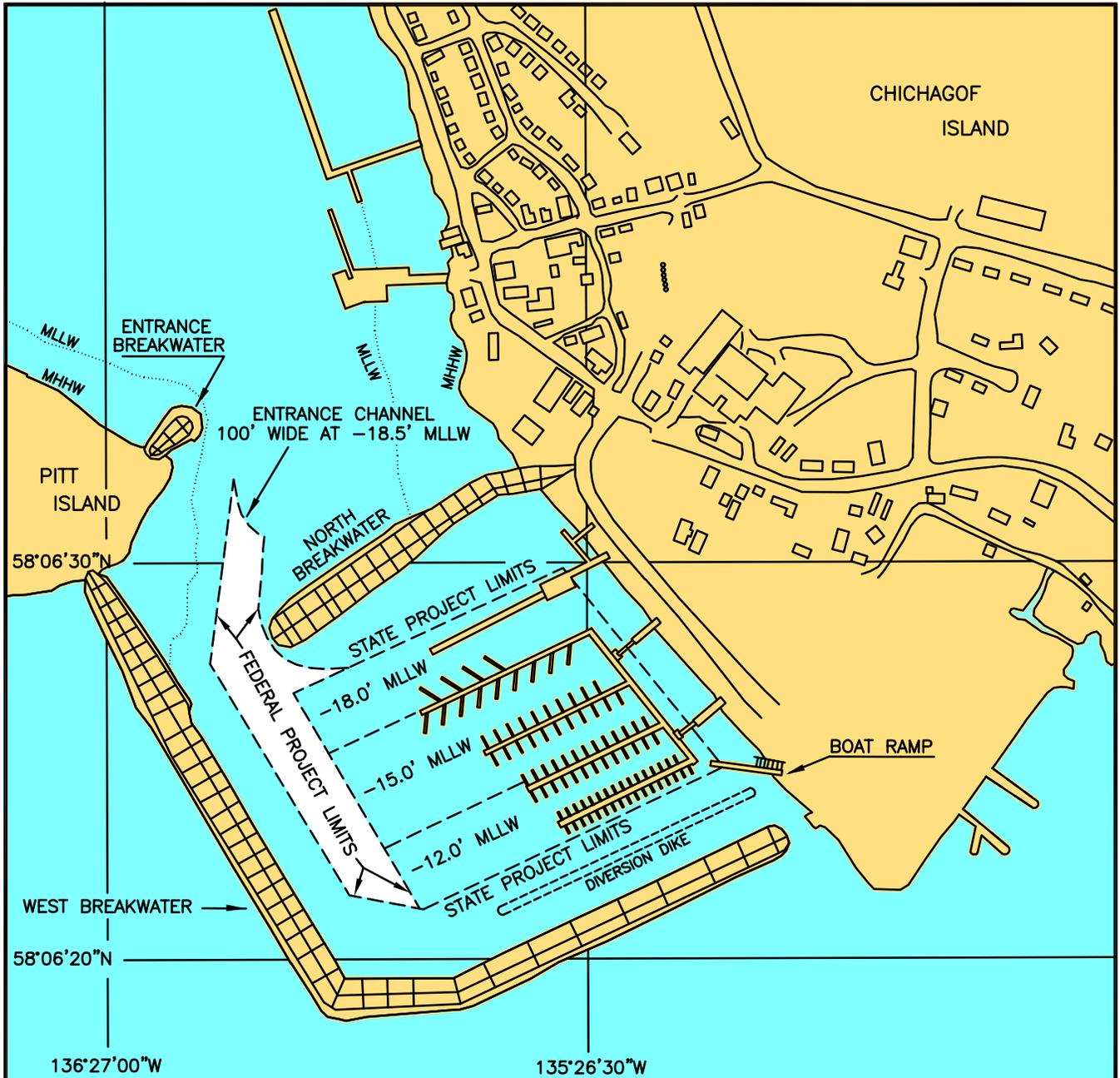


# **HOONAH HARBOR**



**NOTES:**

1. THIS LOCALITY IS SHOWN ON NOAA/NOS CHART NOS. 17316, 17302, & 17300.
2. ELEVATIONS AND DEPTHS ARE IN FEET AND REFER TO MEAN LOWER LOW WATER (MLLW=0.0').

**HOONAH HARBOR  
ALASKA**

REVISED 1993

200 0 200 400 600 800  
SCALE IN FEET

**HOONAH HARBOR, ALASKA**  
(CWIS NO. 76001)

Condition of Improvement 30 September 2010

**AUTHORIZATION:** Rivers and Harbors Act, 27 October 1965, as adopted under Section 201 of P.L. 89-298, 5 April 1972 (House Doc. 92-900, 92nd Congress, 2nd Session) and authorized by the Chief of Engineers, 12 October 1972, provides for a small boat basin of approximately 16 acres in area with project depths of -12, -15, and -18 feet MLLW; an entrance channel 100 feet wide and 400 feet long (widening to 150 feet for 600 feet along the western edge of the basin) dredged to a depth of -18.5 feet MLLW. The project provides for three rubble-mound breakwaters of 140 feet, 800 feet, and 1,459 feet in length, and one rubble-mound diversion dike 1,165 feet long.

<b>EXISTING PROJECT:</b>	<u>LENGTH</u>	<u>DEPTH</u>	<u>WIDTH</u>
• Entrance Channel . . . . .	400 ft	-18.5 ft	100 ft
• Turning Basin . . . . .	800 ft	-18.5 ft	150 ft
• Basin (State maintained) . . . . .	900 ft	-12,-15,-18 ft	700 ft
• Entrance Breakwater . . . . .	140 ft		
• North Breakwater . . . . .	800 ft		
• West Breakwater . . . . .	1507 ft		
• Diversion Dike . . . . .	1165 ft		

**PROJECT USAGE:** The project provides protected moorage for 105 local and transient commercial fishing boats with provision for expansion to 225 boats. Fishing (seining and trolling) and fish processing are important parts of the Hoonah economy.

**PROGRESS OF WORK:**

- 1978 - Plans and specifications are complete. Project is waiting for construction funds.
- 1979 - Construction commences on 15 June.
- 1980 - New work is successfully completed in September.
- 2002 - The condition of the project is checked by hydrographic survey in April of this year.
- 2003 - Vertical and oblique aerial photography is obtained in May.
- 2009 - A tide gauge is installed in the fall to take observations for a tidal datum update.
- 2010 - A project condition survey was completed in August.

**COST TO DATE:**

CG Appropriations	\$4,255,000
CG Costs	\$4,255,000
CG Contributed Appropriations	\$1,163,194
CG Contributed Costs	\$1,163,194

<b>RANGE OF TIDE:</b>	<u>Mean Range</u>	<u>Diurnal Range</u>	<u>Extreme Range</u>
	12.6'	15.1'	23.5'

Continues on page 1-17a

**HOONAH HARBOR, ALASKA** (continued)

30 September 2010

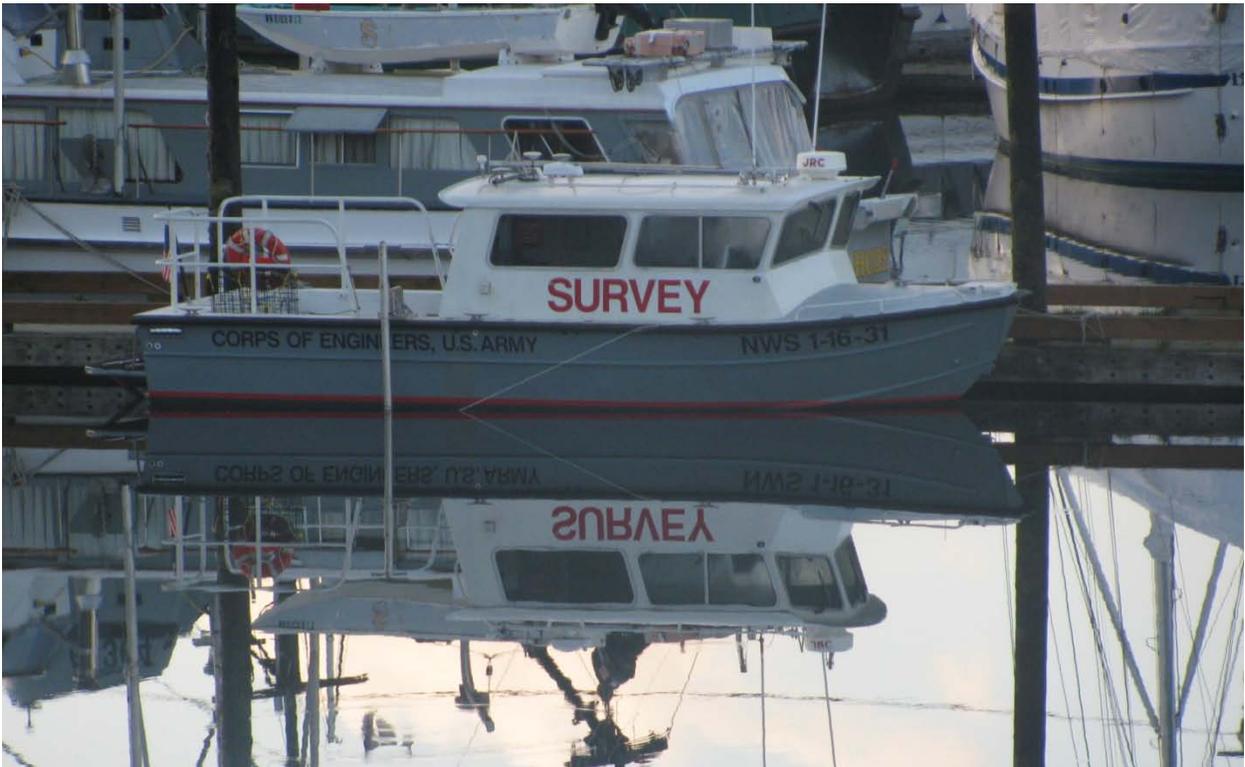
**CONTROLLING DEPTH:** . A depth of -14.0 feet MLLW controls in the Federal maneuvering area, August 2010.

## Hoonah Small Boat Harbor, Hoonah, Alaska



Hoonah SBH high tide (top) and low tide (bottom) in 2010.

## Hoonah Small Boat Harbor, Hoonah, Alaska



Hoonah Harbor aerial (top) and USACE survey boat in 2010.

## Hoonah Small Boat Harbor, Hoonah, Alaska



Totem in Hoonah, Alaska photograph taken in August 2010.