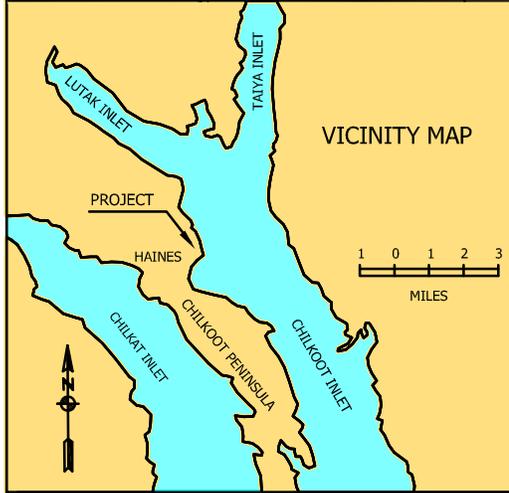
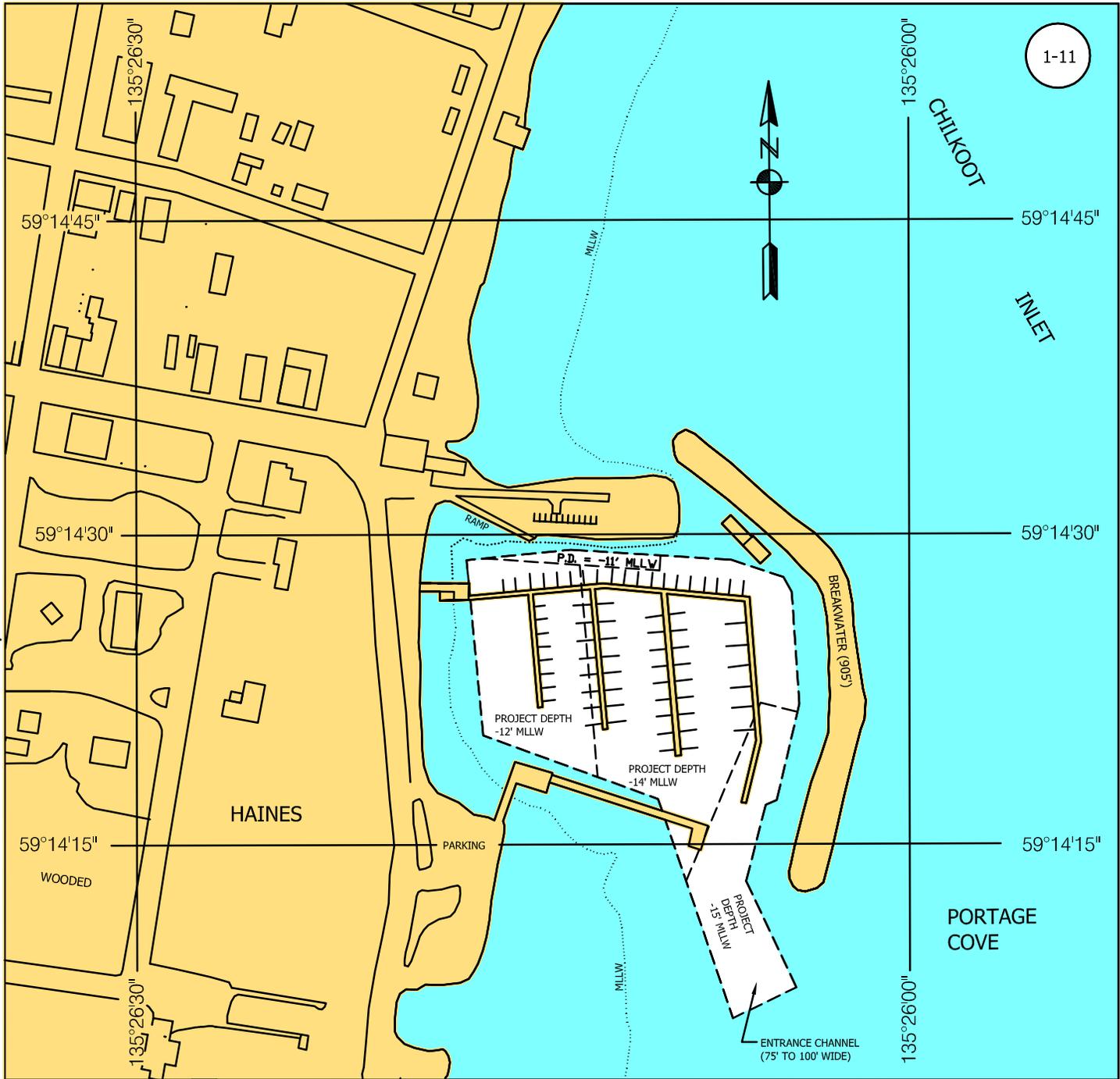


HAINES HARBOR



NOTES:

1. THIS LOCALITY IS SHOWN ON NOAA/NOS CHART NOS. 17317, 17300, AND 16016.
2. ELEVATIONS ARE IN FEET AND REFER TO MEAN LOWER LOW WATER (MLLW=0.0').

**HAINES HARBOR
ALASKA**

REVISED 1998

SCALE IN FEET

HAINES HARBOR, ALASKA
 (CWIS NO. 87015)
 (CWIS NO. 150037)
 (CWIS NO. 13576)

Condition of Improvement 30 September 2008

AUTHORIZATION: Rivers and Harbors Act, 14 July 1960 (Report in Office of Chief of Engineers) adopted as amended under Section 107, 21 December 1971, provides for enlarging an existing non-federal small boat harbor from 1.8 acres at -10 feet MLLW to 4.2 acres at -12 feet MLLW and -14 feet MLLW; construction of an entrance channel 75 to 100 feet wide at -15 feet MLLW; modification of the breakwater protection by removal of the existing seaward leg and construction of an offshore breakwater 905 feet in length with armor rock protection. The basin enlargement is to be funded by local interests.

EXISTING PROJECT:	<u>LENGTH</u>	<u>DEPTH</u>	<u>WIDTH</u>
• Breakwater (detached)	905 ft		
• Entrance Channel	555 ft	-15 ft	75-110 ft
• Basin 4.2 acres		-11,-12,-14 ft	

PROJECT USAGE: The small boat harbor is used by local and transient fisherman primarily employed by halibut and gillnet salmon fishing; the harbor (200 vessel capacity) is also home to resident recreational craft. Haines is an important link in the Alaska Marine Highway system. It is located at the southern end of the Haines Highway, linking southeastern Alaska by road with the Interior, the Southcentral region, and the Yukon Territory.

PROGRESS OF WORK:

- 1976 - Construction contract is awarded in May. Expansion of the small boat basin begins in June with the removal of the seaward leg of the existing breakwater and dredging of the basin to -12 feet and -14 feet MLLW. Dredging of the entrance channel to -15 feet MLLW is accomplished in September 1976. Construction of the detached breakwater and completion of the contract are finalized in December.
- 2000 - A condition survey is conducted in May.
- 2003 - Vertical and oblique aerial photography is taken in May.
- 2004 - The most recent condition survey is conducted in June.
- 2008 - A project condition survey was conducted in June 2008. The report found that the harbor infrastructure is in poor repair. Numerous shoals were corroborated by the survey. A boulder/hazard to navigation 30 feet south of the breakwater was sited but is not shown on the survey and may not be within the project site.

HAINES HARBOR, ALASKA (continued)

30 September 2008

COST TO DATE:

GI PED Appropriation 13576	\$903,056
GI PED Costs 13576	\$527,137
CG Appropriation Sec 107	\$1,265,000
CG Costs Sec 107	\$1,265,000
CG Contributed Appropriation 150037	\$85,000
CG Contributed Costs 150037	\$84,694
CG Contributed Appropriation 13576	\$398,000
CG Contributed Costs 13576	\$144,161
O&M 13576	\$24,077

RANGE OF TIDE:

Mean Range
14.2'

Diurnal Range
16.8'

Extreme Range
28.5'

CONTROLLING DEPTH: A depth of -8.9 feet MLLW was reported in the northwest corner of the project limits, June 2008. Other areas report controlling depths about 1 foot shallower than project depths.

Haines Harbor



View of the small boat harbor taken during project condition survey in June, 2008.



View from the Haines boat launch in June, 2008.