

Metlakatla New Harbor

Condition of Improvements
30 December 2019
Metlakatla New Harbor, Alaska
(CWIS No. 076002)

Authorization Under Section 201 of the Rivers and Harbors Act, 27 October 1965 (Senate Doc. 92-64, 92nd Congress, 2nd Session) as adopted, and authorized 12 October 1972, provides for construction of two rubble mound breakwaters 1,255 and 1,150 feet long, and for dredging an entrance channel and maneuvering area 1,000 feet long by 100 feet wide to a depth of -15 feet MLLW.

Table 1

Existing Project	Length ft.	Width ft.	Depth ft.
Entrance Channel & Maneuvering Area	1260	100	-15
East Breakwater	1150		
West Breakwater	1255		
Basin (maintained by others)	5.83 acres		-9

Project Usage The new harbor relieves overcrowding and provides for boats too large to use the original basin. Mooring capacities are 42 boats in the original basin, and 100 boats in the new basin. The local economy is based on fishing, fish processing, and logging.

Progress of Work

1976	Modification of the new harbor is completed during the design stage with the project taken on its current dimensions.
1979	Construction of the new harbor begins in September.
1981	New harbor construction is essentially complete with the removal of some isolated rock remaining.
1984	Work is physically completed on the New Harbor; some contractor claims still pending.
1995	A condition survey of the harbor is conducted in January.
2003	A condition survey of the harbor is conducted in April.
2005	Aerial photography is taken of the harbor in April.

Progress of Work

2007	A condition survey of the harbor is conducted in May.
2009	CEPD required NOAA Tidal Determination performed at harbor.
2010	A condition survey of the harbor is conducted in September
2012	Comprehensive Evaluation of Project Datums (CEPD) Compliance report completed and recorded in September.
2016	A condition survey of the harbor is conducted in late May.

Table 2 Cost to Date

Project	Description	Cost \$
076002	CG Appropriations	5,043,124
	CG Costs	5,043,124
	CG Contributed Appropriations	1,127,406
	CG Contributed Costs	1,127,406
	O&M Appropriations	154,701
	O&M Costs	154,701

Table 3 Range of Tides in feet

Tide Station	Mean Range	Diurnal Range	Extreme Range
945 0314 Metlakatla, Port Chester AK	12.43	14.86	-

NOAA Publication Date: 04/28/2010

Controlling Depth In May of 2016 the New Harbors controlling depth of -12.6 feet MLLW on the inner bank limit with -14.6 feet MLLW in the entrance channel and -14.5 feet MLLW in the harbor. About 93% of the new harbor is below project depth.

Metlakatla New Harbor, Metlakatla, Alaska



Oblique of New Harbor, May 2016



New Harbor Breakwater, May 2016