

Metlakatla Old Harbor

Condition of Improvements
31 December 2022
Metlakatla Old Harbor, Alaska
(CWIS No. 087762)

Authorization Rivers and Harbors Act, 2 March 1945, (House Doc. 138, 76th Congress, 1st Session) as adopted, provides for a small boat basin 2.18 acres in area to a depth of -10 feet MLLW, and for construction of a rubble-mound breakwater 900 feet long.

Table 1

Existing Project	Length ft.	Width ft.	Depth ft.
Mooring Basin	2.18 acres		-10
Breakwater	900		

Project Usage The original basin provides protection for 63 fishing vessels based in the area but requires boats to tie up three and four abreast.

Progress of Work

1956	The original harbor is constructed from April through June.
1973	A contract for maintenance dredging is awarded in June and completed in September with 1,146 cubic yards removed from the old harbor.
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.
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.
2021	A condition survey of the harbor is conducted in July.

Table 2 Cost to Date

Project	Description	Cost \$
087662	CG Appropriations	246,644
	CG Costs	246,644
	CG Contributed Appropriations	107,220
	CG Contributed Costs	103,446

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 July of 2021 within the Old (original) Harbor -8.9 feet MLLW near the limit at the southwest corner of the harbor is the controlling depth. About 98% of the original harbor is below project depth.

Metlakatla Old Harbor, Metlakatla, Alaska



Oblique of Old Harbor, May 2016



Old Harbor, July 2021