

Metlakatla Old Harbor

Condition of Improvements
30 December 2019
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. |

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 May of 2016 within the Old (original) Harbor -8.5 feet MLLW near the limit at corner 4 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, May 2016