

Akutan Harbor

Condition of Improvements
31 December 2022
Akutan Harbor, Alaska
(CWIS No. 010542)

Authorization PL 109-103 Section 138 (Energy and Water Development Appropriations Act, 2006) authorized construction of two rubble mound breakwaters each 600 feet in length, dredging of the entrance channel with a depth of -18 feet MLLW and a 15 acre mooring basin. PL 109-103, Section 138 authorized the dredging of the mooring basin as a federal general navigation feature.

Table 1

Existing Project	Length ft.	Width ft.	Depth ft.
Entrance Channel	850	100	-18
Federal Basin (irregular shape)	6.64 acres		-18
	4.95 acres		-16
	3.15 acres		-14
North Breakwater	720		
South Breakwater	535		

Project Usage The small boat harbor is used as a base for commercial fishing which is the primary industry of Akutan, Alaska.

Progress of Work

2010	A construction contract was awarded in February and work started in the spring.
2012	Construction was completed in the fall.
2014	A project condition survey found the harbor and breakwaters in good condition.
2018	A July project condition survey found the harbor and breakwaters in good condition.

Table 2 Cost to Date

Project	Description	Cost \$
010542	GI PED Appropriations	566,206
	GI PED Costs	566,206
	GI PED Contributed	188,735
	CG ARRA Appropriations	29,376,063
	CG ARRA Costs	29,376,063
	CG Contributed Appropriation	5,168,013
	CG Contributed Costs	4,947,911

Table 3 Range of Tides in feet

Tide Station	Mean Range	Diurnal Range	Extreme Range
946 2694 Akutan, Alaska AK	2.53	3.73	-

NOAA Publication Date: 06/19/2009

Controlling Depth Based on a July 2018 Project Condition Survey authorized depths are readily available throughout the project. The breakwaters and basin slope protection appear to be in good condition. For the Entrance Channel (-18) a depth of -14.8 feet MLLW along the side slope controls, for the Basin (-18) a depth of -17.7 feet MLLW near the transition controls, for the Basin (-16) a depth of -15.4 feet MLLW along the side slope controls and for the Basin (-14) a depth of -13.3 feet MLLW along the side slope controls.

Akutan Harbor, Alaska



Oblique of Akutan Harbor, June 2014



Akutan Harbor entrance channel, June 2014

Akutan Harbor, Alaska



Floats in Akutan Harbor, July 2018



Data collection for Project Condition Survey, July 2018