

Akutan Harbor

Condition of Improvements
30 December 2019
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 new small boat harbor will be 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.

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Oblique of Akutan Harbor, June 2014



Akutan Harbor entrance channel, June 2014