

# **Kodiak Near Island Channel**



# Condition of Improvements

## 31 December 2019

### Near Island Channel

### Kodiak, Alaska

### (CWIS No. 072753)

**Authorization** (1) Rivers and Harbors Act, 30 August 1935 (House Doc. 208, 72nd Congress, 1st Session) as adopted, provides for a channel between Near Island and Kodiak Island at a width of 200 feet and a depth of 22 feet below MLLW with additional width at the wharves.

**Table 1**

Existing Project	Length ft.	Width ft.	Depth ft.
Channel	4000	200	-22

**Project Usage** Kodiak, the third largest commercial fishing port in the United States, is a world leader in king crab production and ranks among the top four national ports in halibut production. This port is the only large full service harbor of refuge between Cook Inlet and the Shumagin Islands.

#### Progress of Work

1940	Additional width through the channel at the wharves is deleted from the project (Rivers and Harbors Act, 17 October 1940, House Doc. 332, 76th Congress, 1st Session).
1942	The channel is dredged in front of Erskine wharf providing a project width of 170 feet beginning in November with suitable material used in construction of the southwest breakwater.
1955	The Near Is. Channel width is increased to 190 feet by dredging and rock removal from June through November. The boat basin is to be maintained by local interests.
1992	A condition survey of Near Island channel is conducted in June.
1997	Near Island Channel is surveyed under contract.
2002	Multi-beam project condition survey was done for Near Island Channel.
2006	A project condition survey and aerial photography are done for Near Island Channel.

## Progress of Work

2009	A tidal datum update and project condition survey are conducted in June for Near Island Channel. The project limits for Near Island Channel are adjusted to align with the wharves and other structures.
2010	USACE Comprehensive Evaluation of Project Datums Compliance report completed and recorded in December.
2015	A project condition survey was conducted in July.

**Table 2 Cost to Date**

Project	Description	Cost \$
010168	CG PED Costs	1,318,308
	CG Appropriations	17,153,750
	CG Costs	17,153,750
	CG Contributed Appropriation	1,843,166
	CG Contributed Costs	1,843,166
	O&M Appropriations	118,586
	O&M Costs	118,586
320418	O&M Appropriations	5,684,433
	O&M Costs	5,684,433

*Note: Costs are combined among St. Paul Harbor, St. Herman's Harbor and Near Island Channel*

**Table 3 Range of Tides in feet**

Tide Station	Mean Range	Diurnal Range	Extreme Range
945 7283 Kodiak, St Pauls Harbor	6.65	8.7	16.48

*NOAA Publication Date: 01/10/2005*

**Controlling Depth** In July of 2015 the entire Near Island Channel is below the project depth of -22 feet MLLW except for minor shoaling on the northern side of the channel above the bridge.

## Near Island Channel, Kodiak, Alaska



Oblique of Near Island Channel, March 2015



Near Island Channel, March 2015