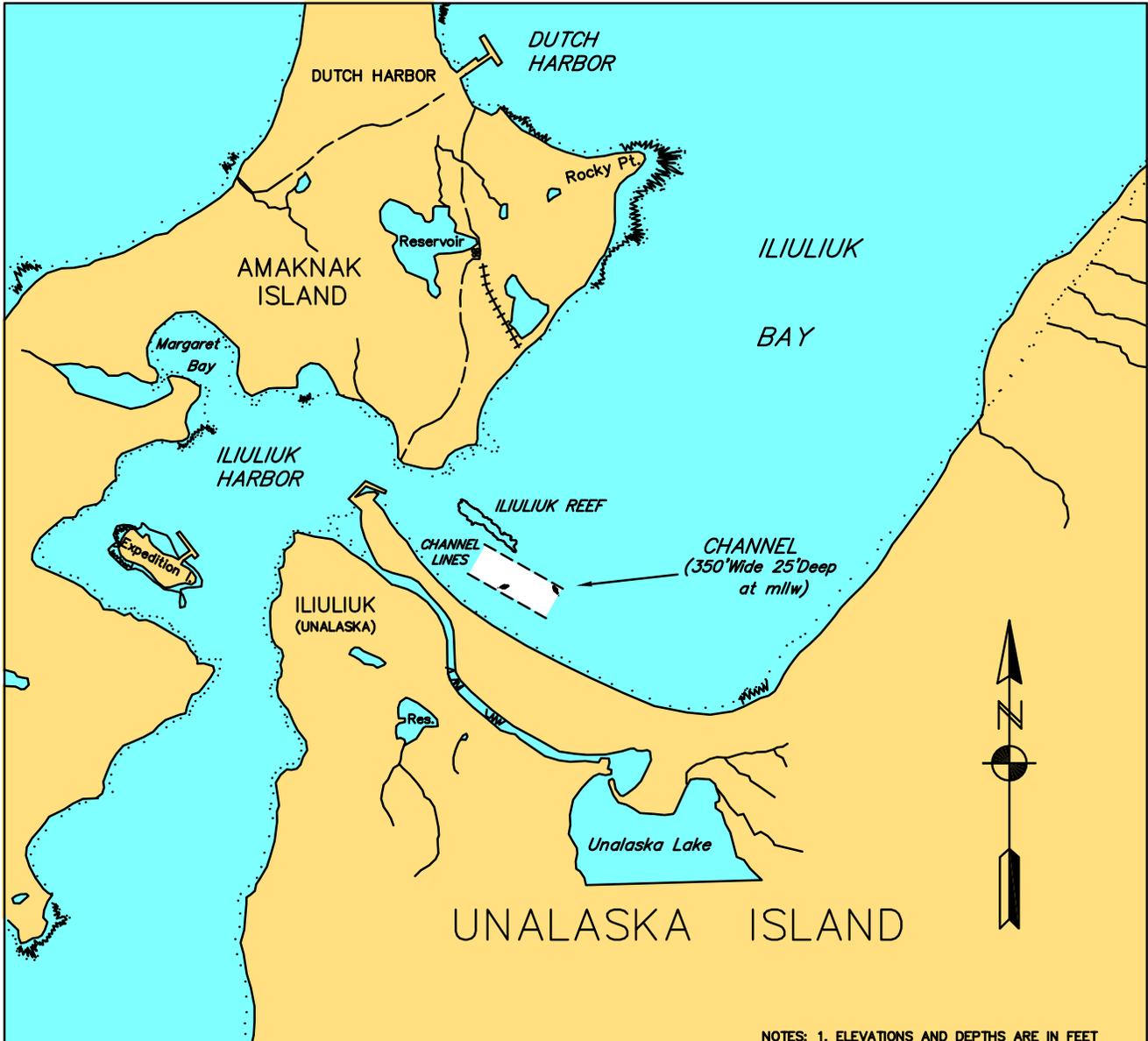


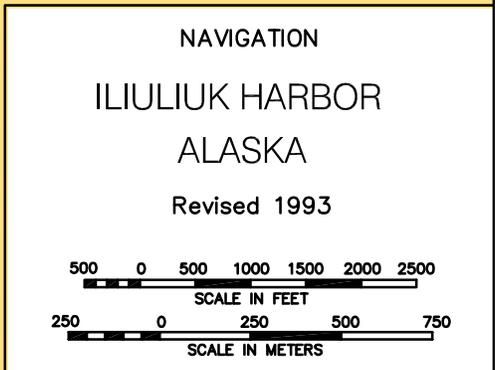
# Iliulik Channel



NOTES: 1. ELEVATIONS AND DEPTHS ARE IN FEET AND REFER TO MEAN LOWER LOW WATER (MLLW = 0.0').  
 2. THIS LOCALITY IS SHOWN ON USC & GS CHART No.'s 16529 & 16530.



METRIC CONVERSION	
FEET	METERS
2.2	.6705
3.7	1.127
9.1	2.773
22	6.705
25	7.62
350	106.68



Condition of Improvements  
30 December 2014  
**Iliuliuk Channel at Unalaska, Alaska**  
(CWIS NO. 72796)

**Authorization** The Rivers and Harbors Act, 20 June 1938 (House Doc. 543, 75th Congress, 3rd Session) as adopted, provides for the removal of Tuscarora Rock and the southern extremity of Iliuliuk Reef to create an entrance channel not less than 350 feet wide to a depth of -25 feet MLLW.

**Table 1**

Existing Project	Length	Width	Depth
Channel	950'	350'	-25

**Project Usage** Straightening and deepening of the east channel approach into Iliuliuk Harbor allows larger vessels to discharge freight directly at Unalaska, eliminating rehandling and lightening of cargo from Dutch Harbor. Unalaska is the principal port of the Aleutian Islands. The economy is based on fish processing, primarily shrimp and other varieties of shellfish.

**Progress of Work**

1940	The current project dimensions are achieved by removal of rock from the site.
2002	A condition survey of the project is accomplished in July.
2006	A condition survey is completed in July, and aerial photography is taken in May.
2010	A project condition survey was conducted in July.
2012	CEPD Compliance Report completed and recorded in September.
2014	A project condition survey was conducted in June.

**Table 2 Cost to Date**

Project	New Work	Maintenance	Total
72796	\$66,037	\$1,800	\$67,837

**Table 3 Range of Tides in feet**

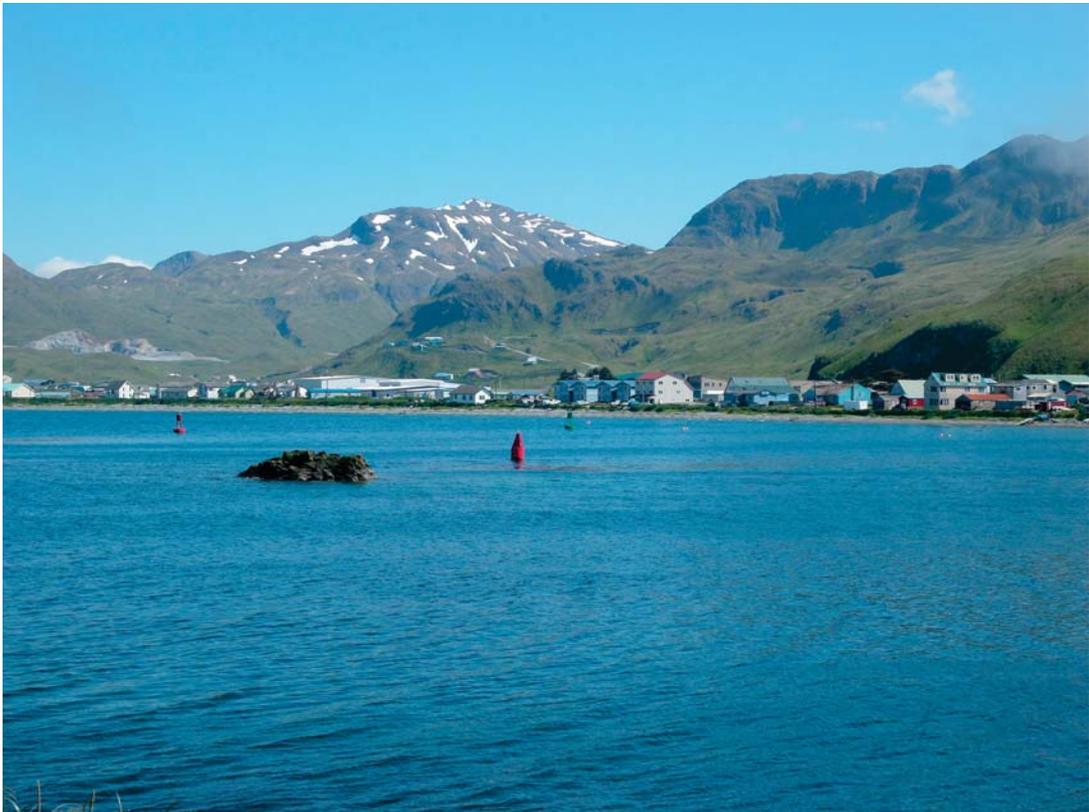
<b>Tide Station</b>	<b>Mean Range</b>	<b>Diurnal Range</b>	<b>Extreme Range</b>
946 2620 Unalaska AK	2.39	3.6	9.48

**Controlling Depth** A minimum depth of -10.0 feet MLLW was found at the northwestern end of the channel in June 2014.

# Iliuliuk Channel, Unalaska, Alaska



Oblique of Iliuliuk Channel, July 2014.



Iliuliuk Channel, July 2014.