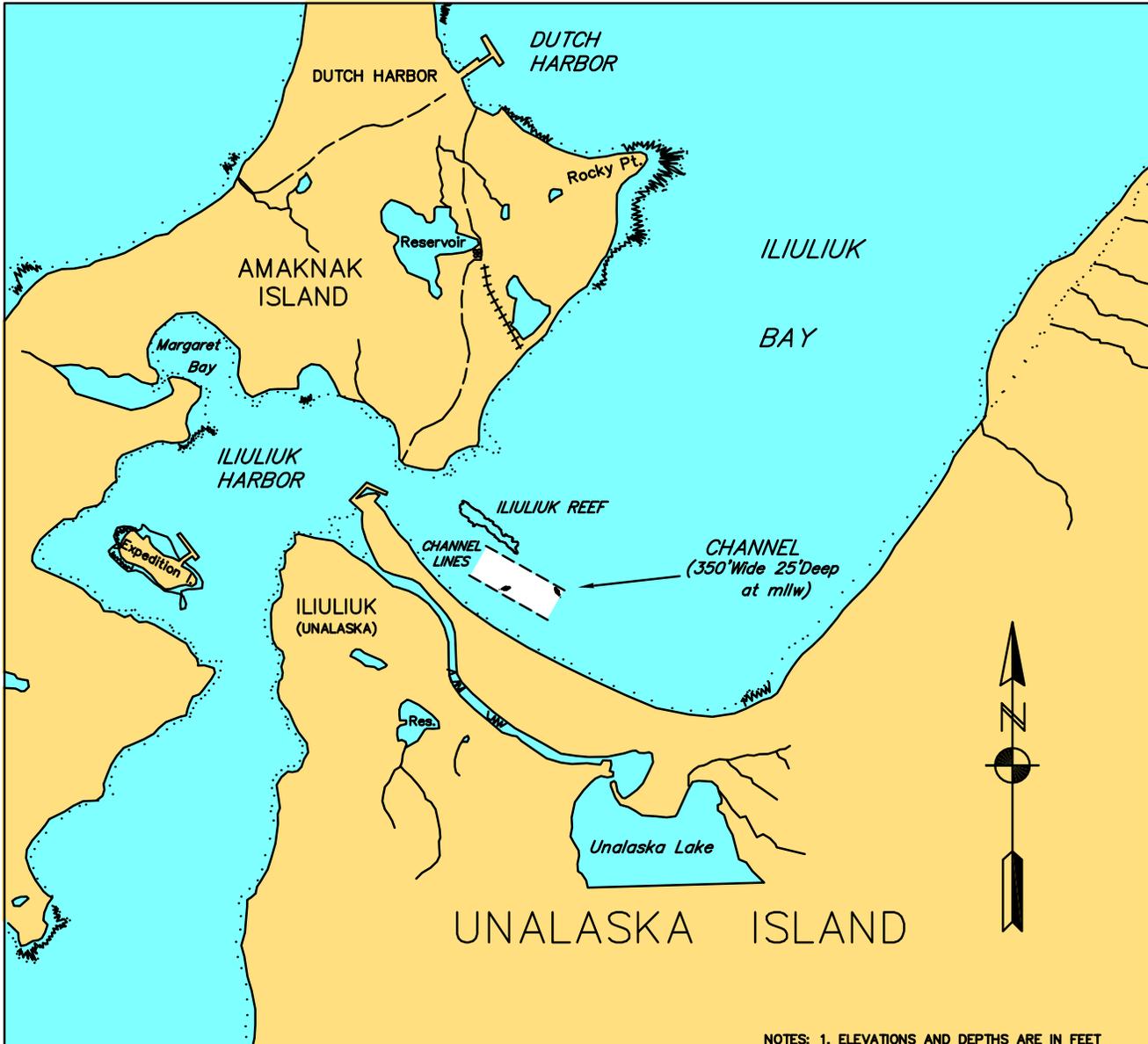


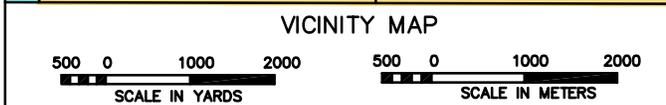
**ILIULIUK  
CHANNEL**



- 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



NAVIGATION  
 ILIULIUK HARBOR  
 ALASKA  
 Revised 1993

**ILIULIUK CHANNEL AT UNALASKA, ALASKA**  
(CWIS NO. 72796)

Condition of Improvement 30 September 2011

**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.

<b>EXISTING PROJECT:</b>	<u>LENGTH</u>	<u>DEPTH</u>	<u>WIDTH</u>
• Channel . . . . .	950 ft	-25 ft	350 ft

**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 lightering 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 the removal of rock from the site.
- 2002 - A condition survey of the project is accomplished in July.
- 2006 - The most recent condition survey is completed in July, and aerial photography is taken in May.
- 2010 – A project condition survey was conducted in July.

<b>COST TO DATE:</b>	<u>New Work</u>	<u>Maintenance</u>	<u>Total</u>
	\$ 66,037	\$ 1,800	\$ 67,837

<b>RANGE OF TIDE:</b>	<u>Mean Range</u>	<u>Diurnal Range</u>	<u>Extreme Range</u>
	2.2'	3.7'	9.1'

**CONTROLLING DEPTH:** A minimum depth of -23.4' MLLW was found at the eastern end of the channel in July 2010.

## Iliuliuk Channel near Dutch Harbor, Unalaska, Alaska



Iliuliuk Channel aerials taken in the summer of 2010.