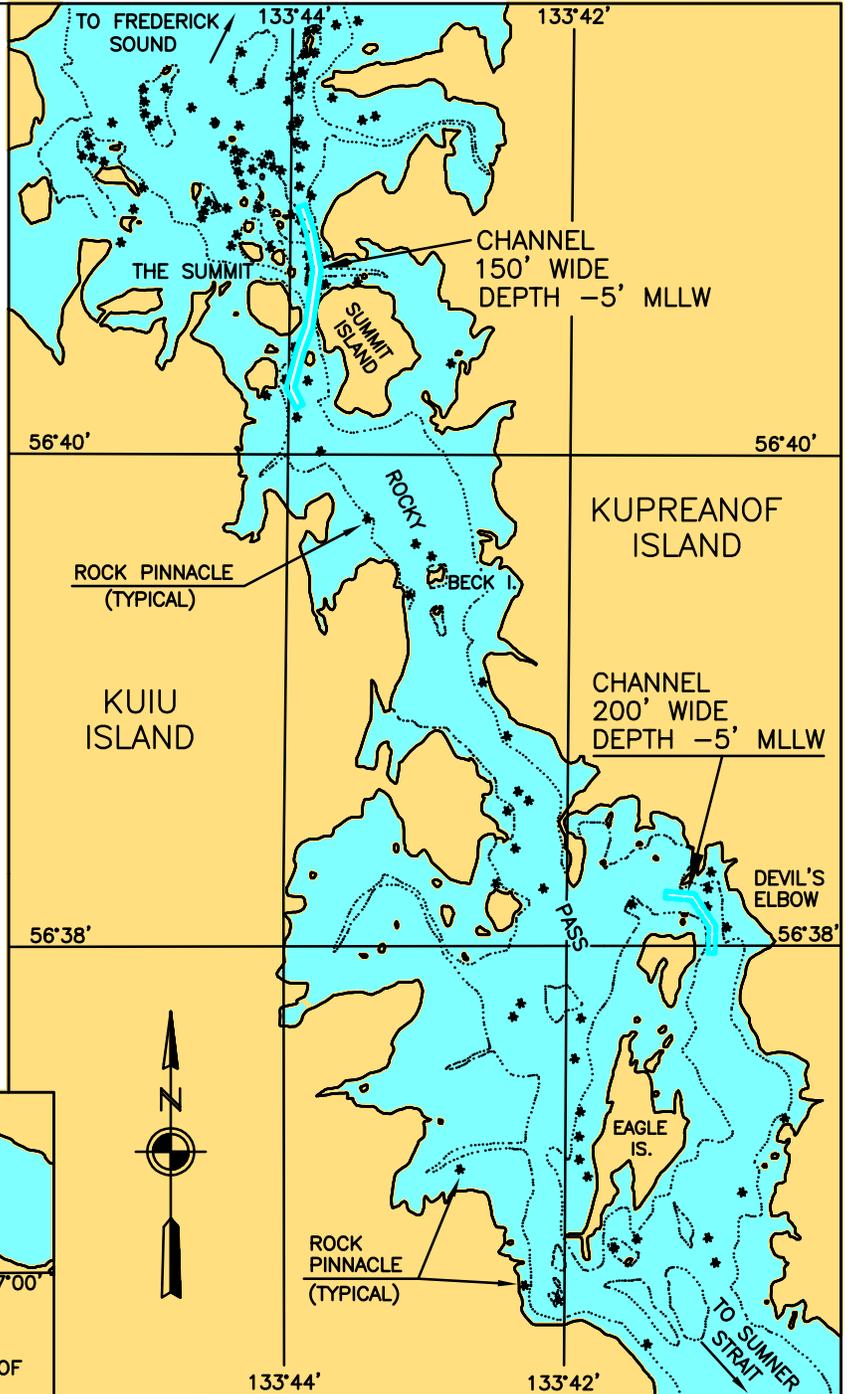
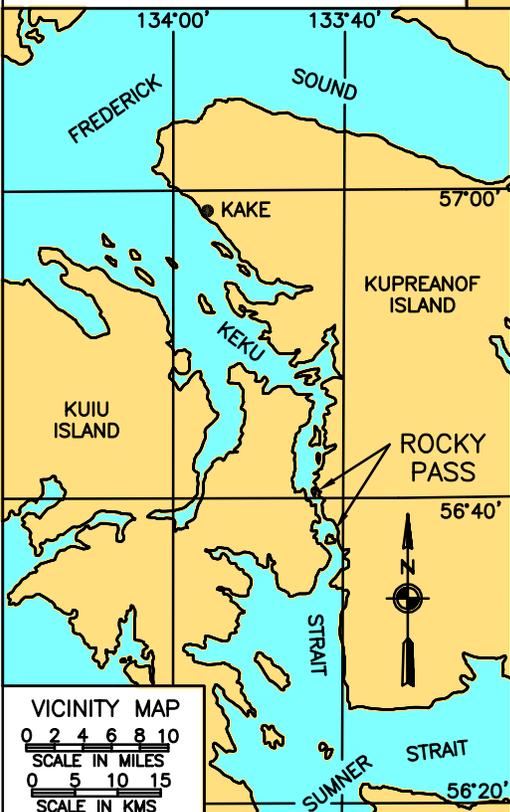


# Rocky Pass

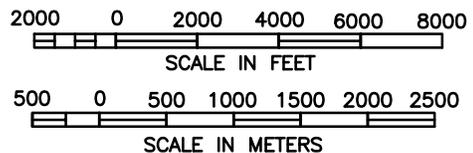
METRIC CONVERSIONS			
FEET	METERS	FEET	METERS
0.5	0.15	21	6.40
2	0.61	32.0	9.75
3.8	1.16	35.0	10.7
4	1.22	37.0	11.3
5	1.52	50.0	15.2
6	1.83	60	18.29
7.5	2.29	169	51.51
8	2.44	293	89.31
10.0	3.05	300	91.44
FEET	METERS	POUNDS	KILO-GRAMS
400	121.92	25	11.3
569	173.41	500	226.5
575	175.26	1500	679.5
600	182.88	3000	1359.0
619	188.67		
625	190.50		
		SQUARE FEET	HECTARES
		43,560	0.405

NOTES

1. THIS LOCALITY IS SHOWN ON USC & GS CHART NO. 17372.
2. ELEVATIONS AND DEPTHS ARE IN FEET AND REFER TO MEAN LOWER LOW WATER (MLLW = 0.0').



ROCKY PASS  
 IN  
 KEKU STRAIT, ALASKA  
 REVISED 1993



Condition of Improvements  
30 December 2014  
**Rocky Pass in Keku Strait, Alaska**  
(CWIS No. 072762)

**Authorization** Rivers and Harbors Act, 3 September 1954 (House Doc. 414, 83rd Congress, 2nd Session) as adopted, provides for a channel to a depth of 5 feet below MLLW by removal of obstructions at 17 separate locations. The channel widths are to vary according to difficulties encountered in navigation; channel width to be 150 feet at the Summit and 200 feet at Devil's Elbow.

**Table 1**

<b>Existing Project</b>	<b>Length ft.</b>	<b>Width ft.</b>	<b>Depth ft.</b>
Entire pass	18 mi.		
The Summit	5000	150	-5
Devil's Elbow	1700	200	-5

**Project Usage** Removal of hazards in the channel creates the shortest safe passage through central Southeastern Alaska for vessels with drafts up to 12 feet including tugboats, fishing vessels, cannery tenders, and log rafts.

**Progress of Work**

1958	A joint contract with the Dry Pass project is awarded in October.
1959	Blasting and rock removal begins in September.
1960	The channel is completed to project depths and widths in January.
1977	A condition survey is conducted in January.
2001	A condition survey is conducted in April with multi-beam techniques.
2005	Vertical and oblique aerial photography is taken in April.
2007	A condition survey is conducted in May.
2013	A condition survey is conducted in July. USACE Comprehensive Evaluation of Project Datums (CEPD) Compliance report completed and recorded in November.

**Table 2 Cost to Date**

<b>Project</b>	<b>Description</b>	<b>Cost \$</b>
072762	New work	337,668
	Maintenance	78,513
	Total	416,181

**Table 3 Range of Tides in feet**

<b>Tide Station</b>	<b>Mean Range</b>	<b>Diurnal Range</b>	<b>Extreme Range</b>
945 1349 The Summit AK	12.71	15.19	-

**Controlling Depth** For Devil's Elbow, a depth of -2.5 feet MLLW controls. For The Summit, a depth of -4.0 feet MLLW controls from the May 2007 condition survey.

# Rocky Pass, Keku Strait, Alaska



Oblique of Rocky Pass, 2005.



Oblique of Devil's Elbow in Rocky Pass, 2005.