



# ALASKA - ALEUTIAN ISLANDS UNALASKA I. TO AMUKTA I.

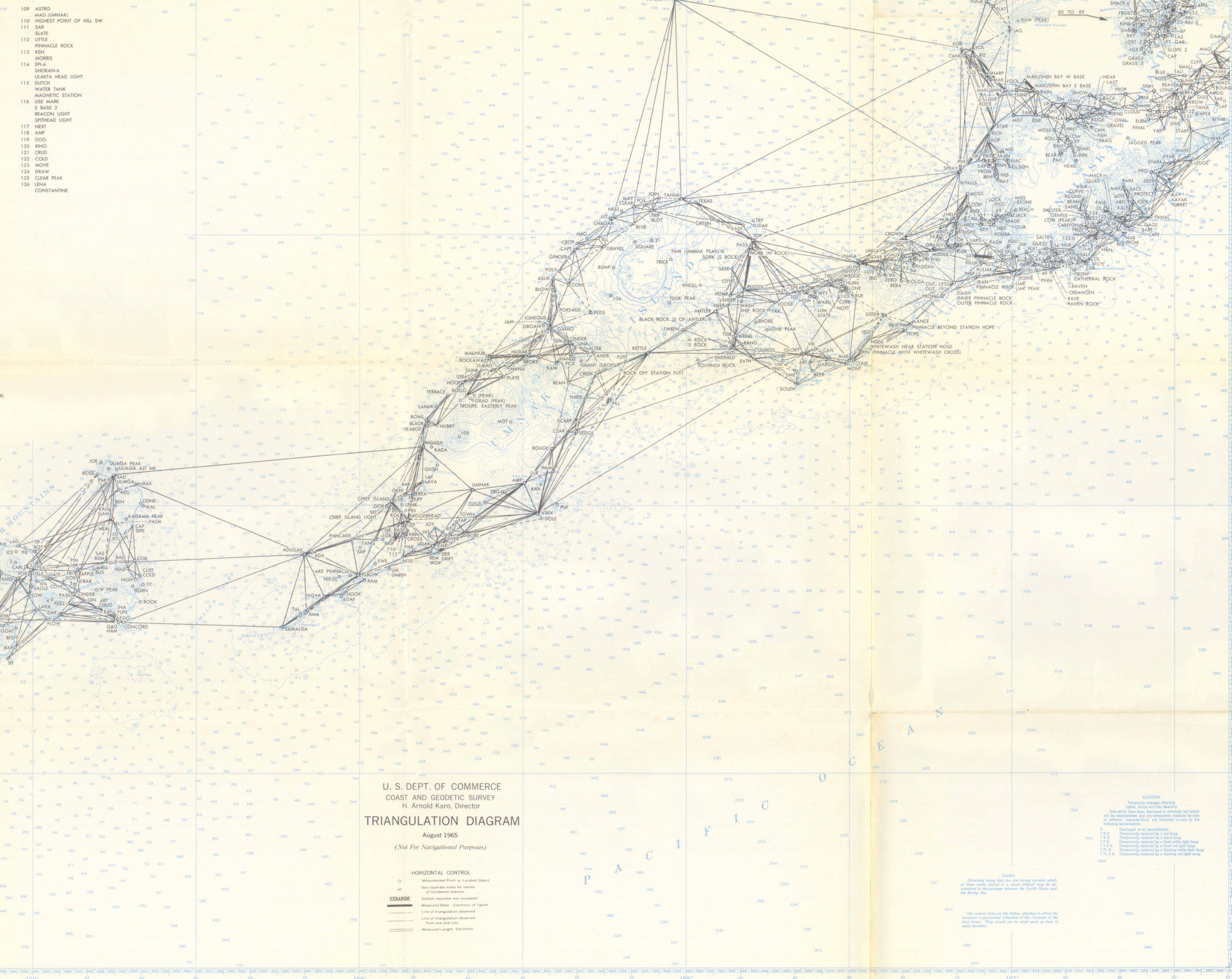
SOUNDINGS IN FATHOMS  
AT MEAN LOWER LOW WATER

Depth	Charted	Actual	Actual	Actual	Actual	Actual
Mean High Water	Mean High Water	Mean High Water	Mean High Water	Mean High Water	Mean High Water	Mean High Water
1.0	1.0	1.0	1.0	1.0	1.0	1.0
2.0	2.0	2.0	2.0	2.0	2.0	2.0
3.0	3.0	3.0	3.0	3.0	3.0	3.0
4.0	4.0	4.0	4.0	4.0	4.0	4.0
5.0	5.0	5.0	5.0	5.0	5.0	5.0
6.0	6.0	6.0	6.0	6.0	6.0	6.0
7.0	7.0	7.0	7.0	7.0	7.0	7.0
8.0	8.0	8.0	8.0	8.0	8.0	8.0
9.0	9.0	9.0	9.0	9.0	9.0	9.0
10.0	10.0	10.0	10.0	10.0	10.0	10.0
11.0	11.0	11.0	11.0	11.0	11.0	11.0
12.0	12.0	12.0	12.0	12.0	12.0	12.0
13.0	13.0	13.0	13.0	13.0	13.0	13.0
14.0	14.0	14.0	14.0	14.0	14.0	14.0
15.0	15.0	15.0	15.0	15.0	15.0	15.0
16.0	16.0	16.0	16.0	16.0	16.0	16.0
17.0	17.0	17.0	17.0	17.0	17.0	17.0
18.0	18.0	18.0	18.0	18.0	18.0	18.0
19.0	19.0	19.0	19.0	19.0	19.0	19.0
20.0	20.0	20.0	20.0	20.0	20.0	20.0
21.0	21.0	21.0	21.0	21.0	21.0	21.0
22.0	22.0	22.0	22.0	22.0	22.0	22.0
23.0	23.0	23.0	23.0	23.0	23.0	23.0
24.0	24.0	24.0	24.0	24.0	24.0	24.0
25.0	25.0	25.0	25.0	25.0	25.0	25.0
26.0	26.0	26.0	26.0	26.0	26.0	26.0
27.0	27.0	27.0	27.0	27.0	27.0	27.0
28.0	28.0	28.0	28.0	28.0	28.0	28.0
29.0	29.0	29.0	29.0	29.0	29.0	29.0
30.0	30.0	30.0	30.0	30.0	30.0	30.0
31.0	31.0	31.0	31.0	31.0	31.0	31.0
32.0	32.0	32.0	32.0	32.0	32.0	32.0
33.0	33.0	33.0	33.0	33.0	33.0	33.0
34.0	34.0	34.0	34.0	34.0	34.0	34.0
35.0	35.0	35.0	35.0	35.0	35.0	35.0
36.0	36.0	36.0	36.0	36.0	36.0	36.0
37.0	37.0	37.0	37.0	37.0	37.0	37.0
38.0	38.0	38.0	38.0	38.0	38.0	38.0
39.0	39.0	39.0	39.0	39.0	39.0	39.0
40.0	40.0	40.0	40.0	40.0	40.0	40.0
41.0	41.0	41.0	41.0	41.0	41.0	41.0
42.0	42.0	42.0	42.0	42.0	42.0	42.0
43.0	43.0	43.0	43.0	43.0	43.0	43.0
44.0	44.0	44.0	44.0	44.0	44.0	44.0
45.0	45.0	45.0	45.0	45.0	45.0	45.0
46.0	46.0	46.0	46.0	46.0	46.0	46.0
47.0	47.0	47.0	47.0	47.0	47.0	47.0
48.0	48.0	48.0	48.0	48.0	48.0	48.0
49.0	49.0	49.0	49.0	49.0	49.0	49.0
50.0	50.0	50.0	50.0	50.0	50.0	50.0
51.0	51.0	51.0	51.0	51.0	51.0	51.0
52.0	52.0	52.0	52.0	52.0	52.0	52.0

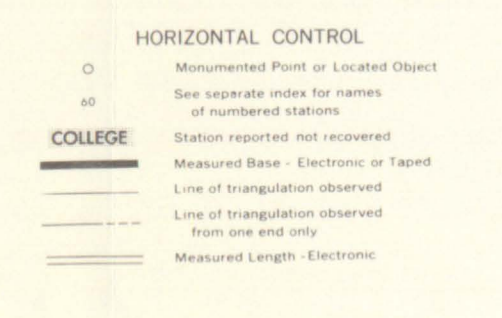
**ABBREVIATIONS**  
 S. - Soundings in fathoms  
 M. - Mean High Water  
 L. - Low Water  
 H. - High Water  
 T. - Tide  
 C. - Current  
 D. - Direction  
 S. - Speed  
 F. - Force  
 M. - Method  
 O. - Observation  
 R. - Reference  
 I. - Instrument  
 E. - Error  
 P. - Part  
 G. - General  
 S. - Special  
 C. - Current  
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- 1 HUMMOCK
- 2 CARISMA PEAK
- 3 EAR
- 4 MOUNT CLEVELAND
- 5 BOI
- 6 HERBERT PEAK
- 7 AL
- 8 AMUKTA PEAK, N POINT
- 9 NORD
- 10 KALUKTA 2
- 11 PRINCESS HEAD 1
- 12 PRINCESS HEAD 2
- 13 PRINCESS HEAD 3
- 14 N BASE 2
- 15 GREEN TANK
- 16 BONE
- 17 TRIP
- 18 BLUFF 2
- 19 RUSSIAN CHURCH
- 20 DOLPHIN
- 21 PEAK (NW END OF GREATER TULUK VOLCANO)
- 22 WATERFALL, CAPE CHEERFUL
- 23 SPUR
- 24 FLAT 2
- 25 HOOD
- 26 GRAVE
- 27 GRAVE 2
- 28 SUB
- 29 CENT
- 30 GAR
- 31 KULIUK SE BASE
- 32 BLUFF
- 33 STRONG
- 34 RINNET
- 35 SE
- 36 SHACK
- 37 EAR
- 38 OREY
- 39 PEAK BETWEEN STATIONS USOF & MOVE
- 40 RUG (PEAK)
- 41 HIP (PEAK)
- 42 OBSTRUCT
- 43 TABLE
- 44 HALL
- 45 POCK
- 46 EAGLE
- 47 OGAN
- 48 SQUINT
- 49 W ROCK
- 50 SHOAL
- 51 DIVIDE
- 52 ENTRANCE ROCK
- 53 LBI
- 54 OVER
- 55 NARROWS
- 56 POMME
- 57 KASHEGA
- 58 KASHEGA CHURCH CROSS
- 59 KULIUK NW BASE
- 60 UNALASKA S BASE
- 61 UNALASKA N BASE
- 62 OBSERVATORY
- 63 AZIMUTH MARK
- 64 NAK
- 65 SLOPE
- 66 OBER
- 67 NECK
- 68 BLUFF
- 69 LOST
- 70 BOD
- 71 BLACK
- 72 HOUSE N GABLE
- 73 PEAK C. CARRN
- 74 UNALASKA AC CO. FLAGSTAFF
- 75 DUTCH HARBOR CO. FLAGSTAFF
- 76 UNALASKA CHURCH, LOWER CROSS
- 77 PEAK A
- 78 PEAK B
- 79 POLE PEAK
- 80 Pinnacle
- 81 Pinnacle
- 82 RIDGE POINT
- 83 PEAK
- 84 PEAK 2
- 85 PEAK 3
- 86 PP
- 87 POINTED PEAK
- 88 HEAD
- 89 AMAKNAK
- 90 CAVE
- 91 CENTER
- 92 FLORA
- 93 LUPIN
- 94 TOM
- 95 HUBBY
- 96 VERNE
- 97 KANAK
- 98 PINNACLE NEAR STATION HOPE
- 99 WHITEWASH NEAR STATION HOPE
- 100 CHERNOFSKI HARBOR ENTRANCE LIGHT
- 101 TO (LARGE PINNACLE OFF POINT, W OF CHERNOFSKI HARBOR)
- 102 CROW (WHITEWASHED ROCK, W OF SPEAR)
- 103 LAMB
- 104 JAG (UNAK INLAND SHARP PEAK)
- 105 DUB (HIGHEST POINT OF KIEVVOF VOLCANO)
- 106 MAP (PINNACLE ROCK)
- 107 NICK
- 108 HIGHEST POINT ON GREEN RIDGE
- 109 ASTRO
- 110 MAG (UNAK)
- 111 HIGHEST POINT OF HILL SW
- 112 SAR
- 113 LITTLE
- 114 PINNACLE ROCK
- 115 KEN
- 116 MORIS
- 117 EPIA
- 118 SHORANA
- 119 ULAKTA HEAD LIGHT
- 120 DUTCH
- 121 WATER TANK
- 122 MAGNETIC STATION
- 123 USE MARK
- 124 S. BASE 2
- 125 BEACON LIGHT
- 126 SPREAD LIGHT
- 127 NEXT
- 128 AMP
- 129 DOG
- 130 RING
- 131 CRUD
- 132 COB
- 133 MOVE
- 134 DRAW
- 135 CLEAR PEAK
- 136 LENA
- 137 CONSTANTINE



U. S. DEPT. OF COMMERCE  
 COAST AND GEODETIC SURVEY  
 H. Arnold Karo, Director  
**TRIANGULATION DIAGRAM**  
 August 1965  
 (Not For Navigational Purposes)



**CAUTION**  
 All soundings are subject to change. Soundings are shown in fathoms, but which are in meters. The soundings are shown in fathoms, but which are in meters. The soundings are shown in fathoms, but which are in meters.

**CAUTION**  
 The contour lines are not shown, but are indicated by the numbers of the contour lines. The contour lines are not shown, but are indicated by the numbers of the contour lines.