



METRIC CONVERSIONS

1	30.48
2	60.96
3	91.44
4	121.92
5	152.40
6	182.88
7	213.36
8	243.84
9	274.32
10	304.80
11	335.28
12	365.76
13	396.24
14	426.72
15	457.20
16	487.68
17	518.16
18	548.64
19	579.12
20	609.60
21	640.08
22	670.56
23	701.04
24	731.52
25	762.00
26	792.48
27	822.96
28	853.44
29	883.92
30	914.40
31	944.88
32	975.36
33	1005.84
34	1036.32
35	1066.80
36	1097.28
37	1127.76
38	1158.24
39	1188.72
40	1219.20
41	1249.68
42	1280.16
43	1310.64
44	1341.12
45	1371.60
46	1402.08
47	1432.56
48	1463.04
49	1493.52
50	1524.00
51	1554.48
52	1584.96
53	1615.44
54	1645.92
55	1676.40
56	1706.88
57	1737.36
58	1767.84
59	1798.32
60	1828.80
61	1859.28
62	1889.76
63	1920.24
64	1950.72
65	1981.20
66	2011.68
67	2042.16
68	2072.64
69	2103.12
70	2133.60
71	2164.08
72	2194.56
73	2225.04
74	2255.52
75	2286.00
76	2316.48
77	2346.96
78	2377.44
79	2407.92
80	2438.40
81	2468.88
82	2499.36
83	2529.84
84	2560.32
85	2590.80
86	2621.28
87	2651.76
88	2682.24
89	2712.72
90	2743.20
91	2773.68
92	2804.16
93	2834.64
94	2865.12
95	2895.60
96	2926.08
97	2956.56
98	2987.04
99	3017.52
100	3048.00

- NOTES**
- HORIZONTAL CONTROL IS ALASKA STATE PLANE, ZONE 1, HOLDING USC & GS SBC "CHICH 1938" AS N2,332,853.32, E2,169,581.18, AND USC & GS SBC "FINN 1938" AS N2,334,107.60, E2,168,066.24.
 - VERTICAL CONTROL IS IN FEET, BASED ON MEAN LOWER LOW WATER (MLLW=0.0'), HOLDING USC & GS BM "NO. 3, 1938" AS 17.45'.
 - SOUNDINGS ARE IN FEET AND ARE MINUS UNLESS OTHERWISE INDICATED.
 - THIS DRAWING INDICATES GENERAL CONDITIONS AT THE TIME OF SURVEY.
 - THIS SURVEY WAS DONE UNDER CONTRACT NO. DACW85-91-D-0006 BY LCMF LIMITED.
 - DATA ACQUISITION WAS CONDUCTED ON JULY 13 TO JULY 14, 1992. SOUNDINGS WERE OBTAINED WITH AN ECHOTRAC 3100 DEPTHSOUNDER AND POSITIONING WAS PROVIDED BY A LASER TRACT RANGE/AZIMUTH SYSTEM AND INTEGRATED SEXTANT SOFTWARE. DEPTHS WERE CORRECTED FOR TIDE USING A TIDE STAFF AND ENDECO TIDE GAUGE INSTALLED BY LCMF LIMITED.

★#3	N2,334,058.910 GREEN DAYBEACON	E 2,168,439.039
★#5	N2,333,902.835 GREEN DAYBEACON	E 2,168,572.338
★#6	N2,333,702.425 RED DAYBEACON	E 2,168,569.708
★#7	N2,333,275.183 GREEN DAYBEACON	E 2,169,194.421

SURVEYOR'S CERTIFICATE

I HEREBY CERTIFY THAT I AM PROPERLY REGISTERED AND LICENSED TO PRACTICE LAND SURVEYING IN THE STATE OF ALASKA. THIS PLAT REPRESENTS A HYDROGRAPHIC SURVEY MADE BY ME OR UNDER MY DIRECT SUPERVISION. THE ELEVATIONS SHOWN HEREON ACCURATELY DEPICT THE GROUND AS SURVEYED ON JULY 13 TO JULY 14, 1992.

Lawrence M. Whiting Aug 21 '92 DATE
LAWRENCE M. WHITING, P.L.S. DATE
REGISTRATION No. LS7618



U.S. ARMY ENGINEER DISTRICT, ALASKA
CORPS OF ENGINEERS
ANCHORAGE, ALASKA

SURVEYED: BK
DRAWN: CR
CHECKED: TN
SUBMITTED:

ELFIN COVE, ALASKA
NAVIGATION CHANNELS
PROJECT CONDITION SURVEY

RECOMMENDED BY: *[Signature]* APPROVED: *[Signature]* DATE: *Sept 10, 1992*
PROJECT MANAGER: *[Signature]* DIST. OPERATIONS & READINESS BRANCH

SURVEY NO. 1578-92 SCALE 1" = 50'
SHEET 1 OF 1