

FE56

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NOAA FORM 76-35A	
U.S. DEPARTMENT OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION NATIONAL OCEAN SURVEY	
DESCRIPTIVE REPORT (HYDROGRAPHIC)	
Type of Survey	Field Examination.....
Field No.
Office No.....	FE-56 (1945).....
LOCALITY	
State	Alaska.....
General Locality	Rat Islands.....
Locality	Kiska Island to Buldir.....
.....	Island.....
.....	<u>1945</u>
.....	CHIEF OF PARTY L.C. Wilder.....
LIBRARY & ARCHIVES	
DATE	January 10, 1946.....

☆ U.S. GOV. PRINTING OFFICE: 1976-669-441

NOTE: A new system for registering Field Examinations (FE's) was established in 1980. All FE's are now consecutively numbered as shown hereon. The date shown in the new format is the actual date of survey. This material was previously registered as:

FE No.1 1946

FENo.1 1946

FE-56

FENo.1
1946

Form 504

U. S. COAST AND GEODETIC SURVEY
DEPARTMENT OF COMMERCE

DESCRIPTIVE REPORT

Type of Survey HYDROGRAPHIC

Field No. Reconnaissance Office No. F.E. # 1, 1946

LOCALITY

State Alaska

General locality Rat Islands

Locality Kiska Island to Buldir Island

194 5

CHIEF OF PARTY

L. C. Wilder

LIBRARY & ARCHIVES

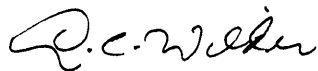
DATE JAN 10 1946

DESCRIPTIVE REPORT
To Accompany
RECONNAISSANCE LINES
KINKA ISLAND - BULDIR ISLAND
L. C. Wilder Chief of Party
USC&GSS DERICKSON
1945

The Reconnaissance Hydrography plotted on Chart No. 8864 is submitted in compliance with Instructions, dated 1 September 1945, from Captain F. B. T. Siems, Liaison Officer, 17th Naval District.

The soundings recorded on A Day are not part of this project and have not been plotted. The positions on B, C, & D Days were plotted in the field as the lines were run and were checked for errors after each day's work. Three point fixes, bearings and distances with radar to charted objects, as well as a combination of these methods were used to control the sounding lines.

All soundings were obtained with the NMC Fathometer, velocity of 800 fms./sec. The soundings were reduced by applying velocity and index correctors. The index or instrumental correction used was + 0.9 fm. The velocity corrections were computed from the data given for Area 25, page 26, British Admiralty Tables. The correctors have been scaled in one fathom units. The Fathometer was read to the nearest fathom.



L. C. Wilder
Lt. Comdr., USC&GS
Chief of Party

jew

CORRECTIONS IN ~~FEET~~ FATHOMS

VELOCITY CORRECTIONS

U.S. Coast and Geodetic Survey

Ship DERICKSON 1350N
L. G. Wilder Comdg.

These corrections are to be used
 between 5 Sept. 1945 and 16 Sept. 1945
 in the locality Buldir Island to Kiska
Island, Alaska

for hydrographic surveys Nos. Reconnaissance

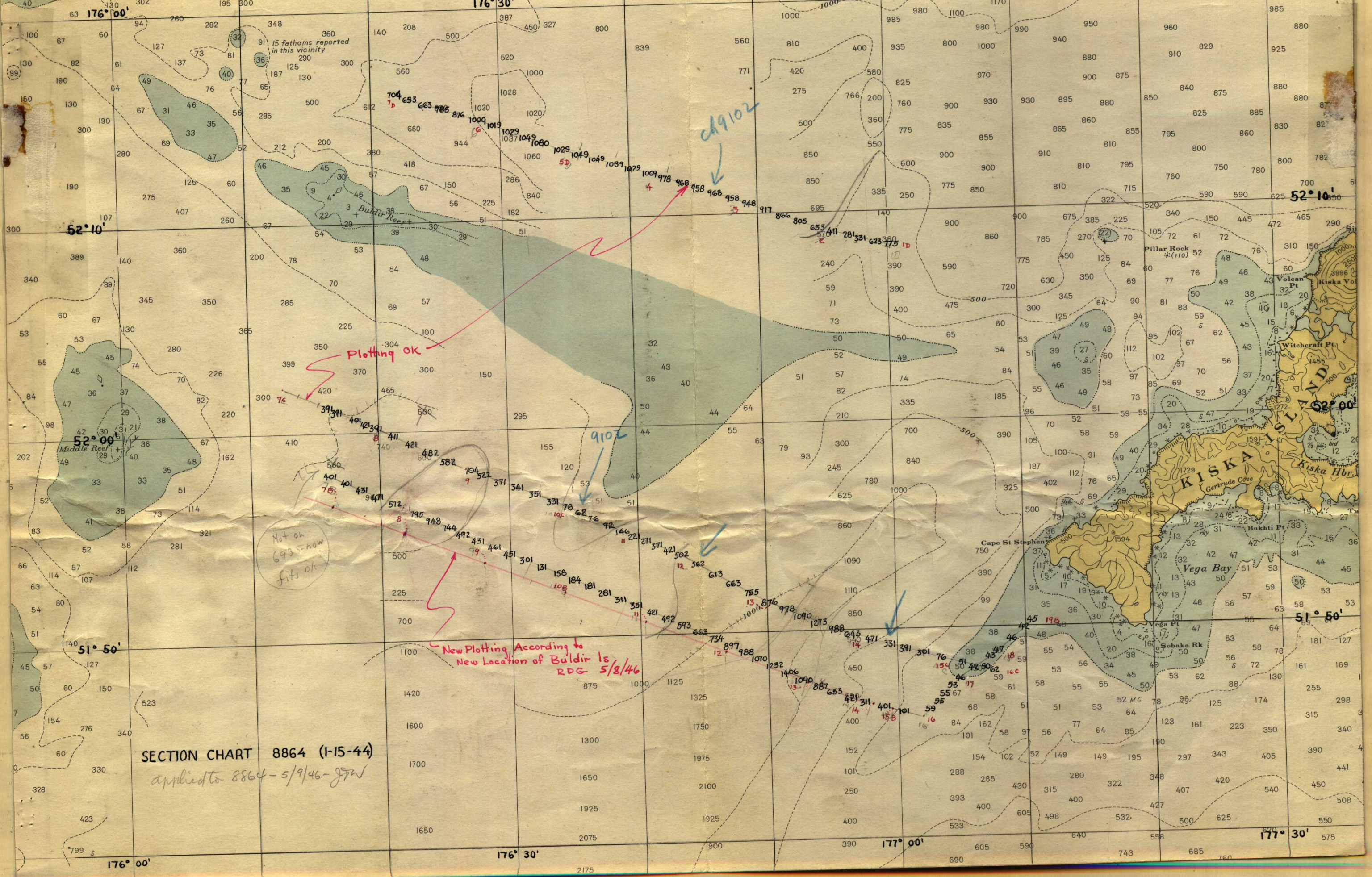
(For deep water add a 0 to these figures)

DEPTHS IN FATHOMS

10
20
30
40
50
60
70
80
90
100
110
120
130
140
150
160
170
180
190

Corr. fms.	From fms.	To fms.
0.0	0	470 ✓
+1.0	471	585 ✓
+2.0	586	670 ✓
+3.0	671	740 ✓
+4.0	741	805 ✓
+5.0	806	870 ✓
+6.0	871	930 ✓
+7.0	931	990 ✓
+8.0	991	1050 ✓
+9.0	1051	1110 ✓
+10.0	1111	1175 ✓
+11.0	1176	1230 ✓
+12.0	1231	1290 ✓
+13.0	1291	1335 ✓
+14.0	1336	1380 ✓
+15.0	1381	1420 ✓

42



SECTION CHART 8864 (1-15-44)

applied to 8864 - 5/9/46 - JTW

Plotting OK

New Plotting According to
New Location of Buldir Is
RDG 5/8/46

Not on
6935 - now
fits ok

d9102

9102

52° 10'

52° 00'

51° 50'

177° 30'

52° 10'

52° 00'

51° 50'

176° 00'

176° 30'

177° 00'

177° 30'

NAUTICAL CHARTS BRANCH

WIRE DRAG

SURVEY NO. F. E. No. 627 - 1945

Record of Application to Charts

DATE	CHART	CARTOGRAPHER	REMARKS
11/8/45	225	<i>J. Walker</i>	Before After Verification and Review <i>Completely</i>
3/12/46	70	<i>B. Pisegari</i>	" " " "
3-22-46	310	<i>A. Andrews</i>	Before After Verification and Review "
9/15/48	322	<i>H. Everett</i>	Before After Verification and Review
5-8-63	<i>Reconst 1203</i>	<i>M. Rogers</i>	Before After Verification and Review <i>thru charts 310 + 322</i>
			Before After Verification and Review
			Before After Verification and Review
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			Before After Verification and Review
			Before After Verification and Review
			Before After Verification and Review

M-2168-1

A basic hydrographic or topographic survey supersedes all information of like nature on the uncorrected chart. Give reasons for deviations, if any, from recommendations made under "Comparison with Charts" in the Review.