

6913

6913

Form 504 U. S. COAST AND GEODETIC SURVEY DEPARTMENT OF COMMERCE DESCRIPTIVE REPORT	
Type of Survey	Hydrographic
Field No.	2343 Office No. H-6913
LOCALITY	
State	Alaska
General locality	Andreanof Islands Aleutian Islands
Locality	Igitkin Pass
<hr/> 194 3 <hr/>	
CHIEF OF PARTY	
G. C. Mattison EXPLORER	
LIBRARY & ARCHIVES	
DATE	

DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY

REG. NO.

HYDROGRAPHIC TITLE SHEET

The Hydrographic Sheet should be accompanied by this form, filled in as completely as possible, when the sheet is forwarded to the Office.

Field No. 2343

REGISTER NO. H-6913

State Alaska

General locality Andreanof Islands
~~Aleutian Islands~~

Locality Igitkin Pass

Scale 1:20,000 Date of survey June, 1943

Vessel EXPLORER

Chief of Party G. C. Mattison

Surveyed by G. R. Shelton

Protracted by P. M. Fisher

Soundings penciled by P. M. Fisher

Soundings in fathoms ~~2000~~ Fathoms

Plane of reference MLLW

Subdivision of wire dragged areas by

Inked by G. K. Emining Jr.

Verified by G. K. Emining Jr.
Febr 3 1938

Instructions dated CS-216 April 16, 1943

Remarks: Smooth Sheet and Plotting by the

Seattle Processing Office.

Seattle Processing Office

H-6913

Aleutian Islands

Igitkin Pass

Scale 1:20,000

Surveyed by the party on the EXPLORER,

G. G. Mattison, Comdg., 1943.

- - - - -

This sheet was laid out to cover the area from sheet H-6918 (1943) to Tagalak Island through Igitkin Pass and Tagalak Pass. Due to the changes in orders occasioned by the war, only a few sounding lines were run before the working grounds were shifted. The work accomplished has been plotted on a sheet which covers only the necessary signals, as it seems doubtful that work in this area will be continued soon. ✓

Datum -

Unalaska, unadjusted. ✓

Control -

Depends on the Navy triangulation of 1934 extended by the EXPLORER's party in 1943. Topographic signals are from T-6931 (C-43) and T-6932 (H-43).⁽¹⁹⁴³⁾ The inked shoreline was redded in by the topographer. The penciled shoreline was not surveyed by the topographer, but shows on his sheet. This penciled shoreline was transferred to the topographic sheets from H.O. charts #5634 and #5635, making the enlargement by pantograph. It was traced and transferred to the smooth sheet H-6913. (1943) ✓

these sheets discarded after transferring information thereon.

Note the sounding of 11 fathoms 15 meters off rock, near pos. 11a Lat. $51^{\circ} 58' 33''$ Longitude $175^{\circ} 56' 18''$. Sounding line and spacing appear satisfactory. Unless boat deflected from course without making a record of it, there is deep water close against this point. ✓

H-6913

LIST OF SIGNALS

Triangulation

CHUGUL (U.S.N.)	1934	COVE	1943
EGO	"	PASS	"
IGITKIN	"	<u>SHELPER</u>	"
<u>TAGADAK</u>	"		

Topographic

ADE	T-6931	JIP	T-6931
BAD	"	LOG	"
COR	"	MEW	"
DIB	"	PAB	T-6932 (discarded)
FAG	"	REN	"
GEM	"	SIG	"
IRE	"	WIG	T-6931

H-6913

Alutian Islands

Igitkin Pass

Sand Bay - Great Sitkin Island

Portable Automatic Gage

Latitude 51° 58.35

Longitude 176 05.15

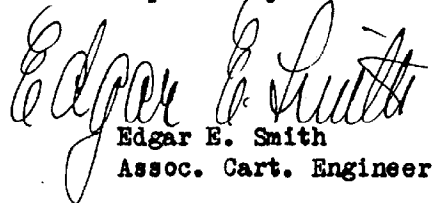
Staff reading of MLLW - 4.3 feet

See Director's Letter, 36-mlh, of Nov. 11, 1943.

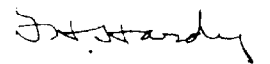
Statistics -

Statute Miles of Sounding Lines	17.2
Number of Positions	63
Area - Square Statute Miles	1.7

Respectfully submitted:


Edgar E. Smith
Assoc. Cart. Engineer

Approved and Forwarded:


F. H. Hardy
Officer in Charge

Surveys Section (Chart Division)

HYDROGRAPHIC SURVEY NO. **86913**

Records accompanying survey:

Boat sheets ...!.; sounding vols. ..!...; wire drag vols.;
 bomb vols.; graphic recorder rolls ...!...;
 special reports, etc.

The following statistics will be submitted with the cartographer's report on the sheet:

Number of positions on sheet	.63.
Number of positions checked	29.
Number of positions revised	..!..
Number of soundings recorded	368
Number of soundings revised (refers to depth only)
Number of soundings erroneously spaced
Number of signals erroneously plotted or transferred	..!..
Topographic details	Time 3 hrs
Junctions	Time none
Verification of soundings from graphic record	Time 2 hrs

Verification by *J. K. Gumminger, Jr.* Total time 10 hrs Date *Sept 25, 1944*
 Review by *R. H. Carstens* Time 4 hr Date *Sept 26, 1944*

GEOGRAPHIC NAMES

Survey No. **H6913**

Name on Survey											
	A	B	C	D	E	F	G	H	K		
Alaska		(For title)									1
Andreanof Is.		515760									2
Igitkin I.		515755			(USG 13)						3
Igitkin Pass		.			.						4
Chugul I.		.			.						5
											6
											7
											8
											9
											10
											11
Sand Bay, Great Sitkin I					= location of tide staff						12
											13
											14
											15
											16
											17
											18
											19
											20
											21
											22
											23
											24
											25
											26
											27

Names contained in the application
by L. Heck on 9/27/44

MEMORANDUM

IMMEDIATE ATTENTION

SURVEY
 DESCRIPTIVE REPORT
 PHOTOSTAT OF

} No. H
 } No. T

H6913

{ received
 { registered
 { verified
 { reviewed
 { approved

This is forwarded in order that your attention may be directed to the matters as indicated below. Please initial in column 3 as an acknowledgement that your attention has been thus directed. The complete original records are available if desired. If you cannot give this your immediate attention, please initial, note, and forward to the next section marked, calling for the records at your convenience.

ROUTE		Initial	Attention called to
20			
22			
24			
25			
26			
30			
40			
62			
63			
82			
83			
88			
90			

RETURN TO

82	
----	--

✓ PWS

200
7/10/44
RAC

TIDE NOTE FOR HYDROGRAPHIC SHEET

June 24, 1944.

~~Division of Hydrography and Topography:~~

✓ Division of Charts: Attention: H. R. EDMONSTON

Plane of reference approved in
1 volumes of sounding records for

HYDROGRAPHIC SHEET 6913


Locality Aleutian Islands: Igi~~kin~~ Pass, Alaska

Chief of Party: G. C. Mattison in 1943

Plane of reference is mean lower low water reading
4.3 ft. on tide staff at Sand Bay, Great Sitkin Island
8.0 ft. below B. M. 1

Height of mean high water above plane of reference is 3.7 feet

Condition of records satisfactory except as noted below:


Chief, Division of Tides and Currents.

DIVISION OF CHARTS

REVIEW SECTION - SURVEYS BRANCH

REVIEW OF HYDROGRAPHIC SURVEY

REGISTRY NO. 6913

Field No. 2343

Alaska, Andreanof Islands, Igitkin Pass
Surveyed in June 1943; Scale 1:20,000
Instructions dated
February 3, 1938 and April 16, 1943

Soundings:

808 Fathometer

Control:

Three-point fix on shore signals

Chief of Party - G. C. Mattison
Surveyed by - G. R. Shelton
Protracted by - P. M. Fisher
Soundings plotted by - P. M. Fisher
Verified and inked by - G. K. Emminizer
Reviewed by - R. H. Carstens
Inspected by H. R. Edmonston, September 26, 1944

1. Shoreline and Signals

The fragments of shoreline and the positions of the signals were determined by plane table methods on T-10001 (1943) and on a graphic control sheet which has not been retained.

2. Sounding Line Crossings

No system of crosslines was run.

3. Depth Curves and Submarine Relief

Additional development is needed for the complete delineation of the depth curves.

No unusual submarine configuration was revealed.

4. Junctions with Contemporary Surveys

The present survey joins no contemporary surveys.

5. Comparison with Prior Surveys

H-6895 (1934) 1:30,000

H-6897 (1934) 1:30,000

Agreement with depths from these U. S. Navy surveys is generally good. The present survey is not complete and should be used to supplement these prior surveys within the common area.

6. Comparison with Chart 9139 (latest print date 3-11-44)

A. Hydrography

The charted hydrography originates with the previously discussed surveys which need no further consideration.

B. Aids to Navigation

No charted aids to navigation fall within the limits of the present survey.

7. Condition of Survey

Satisfactory.

8. Compliance with Instructions for the Project

Satisfactory.

9. Additional Work Recommended

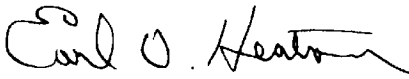
Work on the present survey was stopped before the survey was completed and crosslines, split lines, and bottom characteristics are needed within the area.

10. Superseded Surveys


None.

Examined and approved:


Chief, Surveys Branch


Chief, Section of Hydrography


Chief, Division of Charts


Chief, Division of
Coastal Surveys

applied a few soundings to Ch. 9139. (before ver. and review) LAM.
" " " " after review J.M.G. 6/28/44
Applied one sounding to Chart 8862 Jan. 1945. N.E.M.W.