

6950
6950

U.S. Navy Diag. Cht. No. 8862

Form 504

~~U. S. COAST AND GEODETIC SURVEY~~

~~DEPARTMENT OF COMMERCE~~

DESCRIPTIVE REPORT

Type of Survey TOPOGRAPHIC

Field No. 2 Office No. _____

LOCALITY

State Aleutian Islands, Alaska

General locality Atka Island

Locality Martin Harbor

194 3

CHIEF OF PARTY

W. M. Scaife
HYDROGRAPHER

LIBRARY & ARCHIVES

DATE February 8, 1944

Examined for chart 8862 - no correction, Z.M. A. 3-6-45
Partially applied to preliminary chart 9136 Z.M. A. 4-10-45
Fully applied to chart 9136 H. Schantz 11-13-69

U.S. NAVY
DEPARTMENT OF COMMERCE
U.S. COAST AND GEODETIC SURVEY

REG. NO.

16950

TOPOGRAPHIC TITLE SHEET

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

Field No. "Z"

6950

REGISTER NO.

State Alaska

General locality Aleutian Islands - Atka Island

Locality Martin Harbor

Scale 1:10,000 Date of survey Spring, 1943

Vessel HYDROGRAPHER

Chief of party W. M. Scaife

Surveyed by A. L. Wardwell

Inked by A. L. Wardwell

Heights in feet above MEW to ground ~~XXXXXXXXXXXX~~

Contour, Approximate contour, Form line interval _____ feet

Instructions dated _____, 19____

Remarks: _____

USS HYDROGRAPHER

(AGS 2)

c/o Fleet Post Office
San Francisco, Calif.
June 23, 1943.

Descriptive Report to accompany topographic sheet of Martin Harbor,
Atka Island.

General Description:

The headlands on either side of the entrance of Martin Harbor rise steeply to a height of over 200 feet and are very jagged, with reefs along the water line. The land continues to rise back from these headlands. A conical mountain peak in the interior of the island lies nearly on range with the centerline of the harbor. Except at the head of the harbor the shore line is steep and rocky. Across the head of the harbor there is a gravel beach where a stream enters.

Control:

The triangulation as plotted on this sheet was carried forward from positions of stations at Nazan Bay as scaled from a print of the hydrographic sheet used there on a previous survey. This was done in order to start work before the geographic positions of those stations had been received. Below is listed the stations in question.

Station	Position Datum: Atka I. 1925-34	Preliminary Position As used on this sheet.	Correction (Meters)
		Meters	
IS	Lat. 52°-14' - 59.36" N.	52°-14'-58.95" N.	1822.1
	Meters 1834.8		+ 12.7
	Long. 174°-15'-08.70" W.	174°-15'-08.03" W.	152.3
	Meters 165.1		+ 12.8
DAN	Lat. 52°-15'-26.22" N.	52°-15'-25.75" N.	795.9
	Meters 810.5		+ 14.6
	Long. 174°-16'-49.90" W.	174°-16'-49.03" W.	930.1
	Meters 946.6		+ 16.5
WEST	Lat. 52°-14'-07.76" N.	52°-14'-07.45" N.	230.2
	Meters 239.8		+ 09.6
	Long. 174°-16'-20.82" W.	174°-16'-19.99" W.	379.4
	Meters 395.2		+ 15.8
MARTIN	Lat. 52°-13'-54.249" N.	52°-13'-53.96" N.	1667.8
	Meters 1676.8		+ 09.0
	Long. 174°-17'-51.003" W.	174°-17'-49.98" W.	948.5
	Meters 968.0		+ 19.5

USS HYDROGRAPHER

(AGS 2)

These positions were obtained from the line Atka N.E. Base, 1934 - Isle, 1934.

Station	Datum:	Position	Preliminary Position	Correction Meters
<u>Atka I., 1925-34</u>				
Atka N.E.				
Base 1934	Lat.	52°-14'-22.516" N.	52°-14'-22.21"	+9.4
	Long.	174°-11'-02.458" W.	174°-11'-02.28"	+3.5
Isle, 1934	Lat.	52°-12'-34.691" N.	52°-12'-34.62"	+2.2
	Long.	174°-08'-59.956" W.	174°-09'-00.000"	-0.8

The hydrographic signals were located by graphic triangulation on the planetable sheet. In locating the shoreline, the only traverses run were between adjacent signals, so no adjustment of traverse was necessary. The shoreline east of signal LIT is only approximate, as shown by the dotted line.

A. L. Wardwell
A. L. WARDWELL,
Lieut. USC&GS, USN.

Forwarded: *W. M. Scaife*
W. M. SCAIFE
Commanding
USS HYDROGRAPHER.

Remarks

Decisions

1		
2		
3		520740 USCB
4		"
5		
6		
7		
8		
9		
10		
11		
12		
13		
14		
15		
16		
17		
18		
19		
20		
21		
22		
23		
24		
25		
26		
27		

GEOGRAPHIC NAMES
Survey No. **T6950**

GEOGRAPHIC NAMES											
Survey No. T6950											
Name on Survey											
	A	B	C	D	E	F	G	H	K		
<u>Alaska</u>											1
<u>Aleutian Islands</u>											2
<u>Atka Island</u>											3
<u>Martin Harbor</u>											4
											5
											6
											7
											8
											9
											10
											11
											12
											13
											14
											15
											16
											17
											18
											19
											20
											21
											22
											23
											24
											25
											26
											27

Names underlined in red approved

by L. HECK on 12/11/44

M 234

Names underlined in red approved
by L. HECK on 12/11/44

MEMORANDUM

IMMEDIATE ATTENTION

SURVEY
DESCRIPTIVE REPORT
PHOTOSTAT OF

No. H
No. T **T6950**

received February 2, 1944
registered February 8, 1944
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	Comdr. R. W. Knox
----	-------------------

W. R. Knox

DIVISION OF CHARTS

REVIEW SECTION - SURVEYS BRANCH

REVIEW OF TOPOGRAPHIC SURVEY

REGISTRY NO. 6950

Field No. Z

Alaska, Aleutian Islands - Atka Island, Martin Harbor
Surveyed in the Spring of 1943; Scale 1:10,000
Instructions dated February 3, 1938, etc. (Project 218)

Plane Table Survey

Aluminum Mounted

Chief of Party - W. M. Scaife
Surveyed by - A. L. Wardwell
Inked by - A. L. Wardwell
Reviewed by - Harold W. Murray
Inspected by - H. R. Edmonston, December 8, 1944

1. Junctions with Adjacent Surveys

The junctions at the mouth of the Harbor with T-6918a and T-6917a of 1943 are satisfactory.

2. Comparison with Prior Surveys

No prior surveys have been made in this area by this Bureau.

3. Comparison with Chart 9136 (New Print date 10-25-43)

The charted topography originates with Bp. 37173 (1943) which is an advance tracing of the present survey. The present survey supersedes this information.

The magnetic meridian agrees closely with the charted value.

4. Compliance with Project Instructions

Satisfactory.

5. Condition of Survey

Satisfactory.

6. Additional Field Work Recommended

This is an excellent survey and no additional field work is necessary.