

6425

Original

7760

Form 504
Ed. June, 1928

DEPARTMENT OF COMMERCE

U. S. COAST AND GEODETIC SURVEY

R. S. Patton, Director

U. S. COAST & GEODETIC SURVEY
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APR 8 1936

State: Alaska

Acc. No.

DESCRIPTIVE REPORT

Topographic

~~Hydrographic~~

Sheet No. C 6425

LOCALITY

Aleutian Islands

Unalaska Island

South end of Captain's Bay

1935.

CHIEF OF PARTY

H. B. Campbell

U. S. GOVERNMENT PRINTING OFFICE: 1928

Applied to new compilation of Chart No 9007

S.B.M. July 1936

Applied to drawing of Chart No 8860

S.B.M. Dec. 1936

Applied to drawing of Chart No 8807

S.B. Maize June 1937

Applied to new compilation of Chart No 9007, (extended)

L. Pisegani Aug. 1938

Applied to Chart Comp. 9018
" " " " 9006

Hellmacewer June 29, 1939
S.M.A. June 1943

DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY

REG. NO.

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. C

REGISTER NO. **T6425**

State Alaska

General locality Unalaska Island

Locality South end of Captain's Bay

Scale 1:5,000 Date of survey September, 1935

Vessel U.S.S. DISCOVERER

Chief of party H. B. Campbell

Surveyed by H. J. Seaborg

Inked by H. J. Seaborg

Heights in feet above M.H.W. to ground ~~to tops of trees~~

~~x Contour x Approximate contour x~~ Form line interval 50 feet

Instructions dated Project HT-177, April 13, 1934

Remarks: Shoreline complete--form lines only on small islands.

DESCRIPTIVE REPORT

to accompany

Topographic Sheet No. C.

South Half of Captain's Bay.

Unalaska Island, Alaska.

September, 1935

Scale - 1:5,000

U.S.C. & G.S.S. DISCOVERER

H. B. Campbell, Commanding

[illegible]

INSTRUCTIONS

The topography was executed in accordance with the Director's instructions, Project HT-177, dated April 13, 1934.

LIMITS

This sheet is a resurvey of the southern half of Captain's Bay, including both shores. Elevations were obtained and form lines drawn in only for the islands at the head of the bay. Sheet H of this same survey covers other elevations and form lines in this area.

JUNCTIONS

A junction was made with sheet D-1935 of this survey at the midway points of Captain's Bay shoreline.

CONTROL

Four triangulation stations control this sheet all of which were occupied.

METHODS

Ordinary plane table methods were used in making this survey. By the successive occupation of all control points and the taking of cuts

to all objects and signals visible, these objects and signals were located without traversing. Then, setting up at critical known signals and objects, sections of shoreline and detail were mapped until the sheet was completed.

CHARACTER OF SHORELINE

The shoreline of the mainland is stony dropping off quickly leaving but small areas to the low water line. Grassy slopes come down to the high water line on the east and west shores while at the south end of the bay a flat grassy valley makes inland. The shoreline of the islands at the south of the bay is steep and rocky there being little low water line. These islands are grass covered ^{and} of no particular distinction.

HIGH WATER LINE

The high water line is defined by the outside edge of the heavy black line.

FOUL AREAS, ROCKS, REEFS

A short black dash line has been used to represent the outside limit of the foul area obtainable by the topographic party. The area between this line and the high water line is rock infested, including rocks awash and sunken. Rocks above high water, individual rocks awash and sunken are shown by the customary symbol. There are three short stretches of rocky ledge awash at M.L.L.W. on the east shore of the bay.

ELEVATIONS AND FORM LINES

All elevations above M.H.W. are shown with figures in red. This applies to high water rocks as well as ground elevations. The position of all land points has been indicated by a red dot and the height figures placed over or to one side of the dot. The form line interval is 50 feet.

VERIFICATIONS AND CHANGES TO TOPOGRAPHY

This survey was compared with that of 1896. There were no large discrepancies although the datum has been changed since 1896 causing a shift to the west. In places there is a difference of shoreline but of no major consequence. A number of rocks and reefs were located which do not appear on the previous survey.

LANDMARKS

Landmarks will be taken up in the report of sheet H-1935.

GEOGRAPHIC NAMES

The name Captain's Bay is still in good usage.

Some local inhabitants know the area south of the islands as Captain's Bay Harbor and for a large scale chart ^{that name} it is recommended.

The river at the head of the bay is still called Shaishnikof and the same name applies to the lake up the valley.

NOTE: Names were inked in prior to knowledge of change of practice.

STATISTICS

Statute miles of shoreline, high water 8.8

Statute miles of shoreline, (marsh, creeks, rivers). 1.4

Statute miles of shoreline, low water. 4.6

Number of offshore rocks 26

Number of elevations determined. 26

Area square statute miles 0.1

Number of recoverable positions:

Planetable. 4

Triangulation 4

Approved and forwarded:

H. B. Campbell
H. B. Campbell, H. & G. E.,
Chief of Party, C. & G. S.

Respectfully submitted,

H. J. Seaborg
H. J. Seaborg, Aid,
Coast and Geodetic Survey.

LIST OF RECOVERABLE STATIONS

Name	Latitude	D.M.	Longitude	D.P.	Height	Description
Mis ✓	53° 50' 30" ✓	389 ✓	166° 34' 30" ✓	192 ✓	15 ✓	Center of ✓ roof of ✓ shack
Fan ✓	53 49 30 ✓	505 ✓	166 36 00 ✓	431 ✓	10 ✓	NW corner of ✓ boathouse
Pel ✓	53 50 00 ✓	303 ✓	166 36 30 ✓	340 ✓	4 ✓	Center of rock ✓
For ✓	53 50 30 ✓	22 ✓	166 36 00 ✓	409 ✓	4 ✓	Center of ✓ highest rock.

Remarks

Decisions

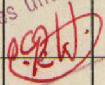
1		
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3		
4	spelling incorrect	<u>Shaishnikot River</u>
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24	* Since date of approval it has been learned	
25	that "Port Levashet" (which	
26	"Captain Bay Harbor" was intended to	
27	supplant) has the approval of USBCA,	
	and therefore must be retained on	
	charts, 9007 etc	4/27/36 <i>(signature)</i>

GEOGRAPHIC NAMES

Survey No. 6425

GEOGRAPHIC NAMES											
Survey No. 6425											
Name on Survey	On Chart No. 8860										
	A	B	C	D	E	F	G	H	K		
Captains Bay ✓	*				✓		✓			1	
Unalaska Bay	*				✓		✓		✓	2	
Captains Bay Harbor				*						3	
Shaishnikof River ?										4	
Shaishnikof River ✓					✓					5	
Port Levashof *							✓			6	
										7	
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Names underlined in red approved

by 

on 4/27/36

M 234

Names underlined in red approved
by *[Signature]* on 4/24/36

MEMORANDUM

IMMEDIATE ATTENTION

SURVEY
 DESCRIPTIVE REPORT } No. H
 PHOTOSTAT OF } No. T 6425

{ received April 9, 1936
 { registered April 14, 1936
 { 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
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RETURN TO

82	
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C. K. Green

April 18 - '36

REVIEW OF TOPOGRAPHIC SURVEY No. 6425

Title (Par. 56) *South End of Captains Bay, S.W. Alaska*Chief of Party *H.B. Campbell* Surveyed by *H.J. Seaborg* Inked by *H.J. Seaborg*Ship *Discoverer* Instructions dated *April 13, 1934* Surveyed in *Sept. 1935*

1. The survey and preparation for it conform to the requirements of the Topographic Manual. (Par. 7, 8, 9, 13, 16.) ✓
2. The character and scope of the survey satisfy the instructions. ✓
Except that only one magnetic meridian was shown
3. The control and closures of traverses were adequate. (Par. 12, 29.) ✓
4. The amount of vertical control that the Manual specifies for ~~contours-formlines-~~ was accomplished. (Par. 18, 19, 20, 21, 22, 23.)
See T 6430 (1935) for relief
5. The delineation of ~~contours-formlines-~~ is satisfactory. (Par. 49, 50.)
See T 6430 (1935)
6. There is sufficient control on maps from other sources that were transmitted by the field party to enable their application to the charts. (Par. 28.) *None submitted*
7. High water line ~~on marshy and mangrove coast~~ is clear and adequate for chart compilation. (Par. 16a, 43, 44.) ✓
8. The representation of low water lines, reefs, ~~coral reefs~~ and rocks, and legends pertaining to them is satisfactory. (Par. 36, 37, 38, 39, 40, 41.) ✓
9. Rocks and other important details shown on previous surveys and on the chart were verified. (Par. 25, 26, 27.)
See reverse side
10. ~~The span, draw and clearance of bridges are shown.~~ (Par. 16c.)
11. Locations and elevations of summits are given. (Par. 19, 51.)
See T 6430 (1935)
12. The tree line was shown on mountains. (Par. 16g.)
See T 6430 (1935)

NOTE: Strike out paragraphs, words or phrases not applicable and modify those requiring it. Paragraph numbers refer to those in the Topographic Manual. Use reverse side for extending remarks.

Paragraph 9

T1950 (1867)

Topographic survey T1950 is only a reconnaissance survey on a scale of 1:40000, whereas the present survey is 1:5000. The two surveys agree only in a very general way.

T2236 (1896)

The general shore line of the present survey is in good agreement. The control for T2236 was not near so good as on the present survey which shifts the general topography somewhat. The present survey is on a scale of 1:5000, whereas T2236 was on a scale of 1:10000. This increased scale permitted much more detail to be shown on the present ^{survey} (See Descriptive Report Page 3).

and T 1950

T6425 supersedes T2236 (1896) in part.

Chart 9007

The present survey has not yet been applied to this chart. The chart is, no doubt, compiled from T2236, differences of which were discussed under T2236.

13. The descriptive report covers all details listed in the Manual, in so far as they apply to this survey. (Par. 64, 65, 66, 67.) ✓
14. ~~The descriptive report also contains additional information required in aero-topography relative to type of photographs, method of compilation and type of ground control.~~
15. The descriptions of recoverable stations and references to shore line were accomplished on Form 524. (Par. 29, 30, 57, 67 except scaling of DMs and DPs, 68.) *None submitted*
16. A list of landmarks for charts was furnished on Form 567 and plotting checked. (Par. 16d, e, 60.) *Submitted with T6430*
17. The magnetic meridian was shown ✓ and declination was checked. ✓ (Par. 17, 52.) *Declination varies 1° to 3° in this area*
18. The geographic datum of the sheet is *general* *Unalaska (Unadjusted)* and the reference station is correctly noted. (Par. 34.)
19. Junctions with contemporary surveys are adequate. ✓
Joins T6526 (1935)
20. Geographic names are shown on the sheet and are covered by the Descriptive report. (Par. 64, 66k.) ✓
21. The quality of the drafting is good. (Par. 31, 32, 33, 35, 36, 37, 38, 39, 40, 41, 42, 45, 46, 47, 48, 49, 50.) *Free hand lettering rather poor*
22. No additional surveying is recommended. ✓
23. The Chief of Party inspected and approved the sheet and the descriptive report ~~after review by~~ ✓
24. Remarks: *All relief work was executed on T6430 (1935)*

Reviewed in office by *Chas. R. Bush Jr.* June 8, 1936

Examined and approved:

E. H. Green.
Chief, Section of Field Records

L. O. Polk.
Chief, Division of Charts

Fred. L. Peacock
Chief, Section of Field Work

G. H. Hude
Chief, Division of Hyd. and Top.