

4935



4935

Form 504
Rev. April 1935
DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY

DESCRIPTIVE REPORT

Topographic }
Hydrographic } Sheet No. U. S. D. 35

U. S. COAST & GEODETIC SURVEY
LIBRARY AND ARCHIVES

APR 25 1936

Acc. No. _____

State ALASKA

LOCALITY
Unalaska & Sedanka Islands
UDAGAK STRAIT

~~ALEUTIAN ISLANDS~~

1935

CHIEF OF PARTY
A. M. SOBIERALSKI, H. & G. E.

Applied to drawing of chart No 8860

S.B. Maize Jan 25 1937

Applied to drawing of chart No 8802

S.B. Maize June 1937

Applied to Chart Comp 9018

H. MacEwen June 19, 1939

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 Letter U-D-35 4935

REGISTER NO.

State ALASKA

General locality ~~ALEUTIAN ISLANDS~~ Unalaska & Sedanka Islands

Locality UDAGAK STRAIT
(Insert 1:5,000)

Scale 1-10,000 Date of survey SEPT. - OCT., 19 35

Vessel U. S. C. & G. S. S. SURVEYOR

Chief of Party A. M. SOBIERALSKI

Surveyed by H. C. APPLEQUIST

Inked by H. C. APPLEQUIST

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

~~Contour~~ Approximate contour Form line interval 100 feet

Instructions dated APRIL 13, 19 34

Remarks: _____

DESCRIPTIVE REPORT
to accompany
TOPOGRAPHIC SHEET U-D-35 - UDAGAK STRAIT
SEASON 1935

U. S. C. & G. S. S. SURVEYOR -o- A. M. SOBIERALSKI, COMMANDING

Authority:

This survey was made under the Director's Instructions dated April 13, 1934.

Extent:

This sheet covers both sides of Udagak Strait from Beaver Inlet to the Pacific Ocean.

This sheet was surveyed on a scale of 1:10,000 excepting the narrow part of the strait which is shown on an insert on a scale of 1:5,000.

General Description:

The country on either side of Udagak Strait is mountainous and the greater part of it covered with grass and moss. Bluffs and steep slopes are general along the shore. On the north side of Udagak Bay the bluffs are not very steep and have no well defined upper limit but gradually grade into grass and moss covered slopes. North of the narrow part of the strait the area along the shoreline is comparatively free of rocks excepting very close inshore. South of the narrow part there are more rocks and rocks awash, some as far as 250 meters off-shore.

Survey Methods:

The plane table and stadia were used throughout with no deviation from standard practice.

Junctions:

A satisfactory junction was made with Topographic Sheet U-B-34 at the point forming the northeast end of the strait.

At the point forming the northwest end of the strait a satisfactory junction was made with the sheet surveyed by Mr. Gilmore of the DISCOVERER in 1935.

At the south end of the strait this sheet joins Sheets U-B-35 and U-C-35, all of which were surveyed by the same topographer.

1-19-53

The position of
△ MIKE, 1935 is
questioned on this
sheet as it will
not hold with
either Ⓢ in this
vicinity at time
of aero-photo competition

EW Trout

Names:

No new names have been applied to any of the features shown on this sheet.

Comparison with Hydrographic Sheet:

The hydrographer and topographer collaborated in comparing the offshore detail shown on this sheet and the hydrographic sheet covering this area..

Miscellaneous:

Only the lower form lines are shown on this sheet. The form lines covering the area back of the shoreline are fully shown on Topographic Sheets U-B-35 and U-C-35.

STATUTE MILES OF SHORELINE- 17.0

Respectfully submitted,

H. C. Applequist
H. C. Applequist,
Ensign

Approved & Forwarded:

A. M. Sobieralski
A. M. Sobieralski,
Commanding Officer,
U. S. C. & G. S. S. SURVEYOR

Remarks

Decisions

	Remarks	Decisions
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GEOGRAPHIC NAMES
 Survey No. **T4935**

Name on Survey	8860										1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27
	A	B	C	D	E	F	G	H	I		
<u>Beaver Inlet</u>	*				—			—	✓	✓	1
<u>Unalaska Island</u>	*				—		✓	✓	✓	✓	2
<u>Udagak Strait</u>	*				—		✓		✓	✓	3
<u>Sedanka Island</u>	*				—		✓	✓	✓	✓	4
<u>Udagak Bay</u>	*								✓	✓	5
<u>Pacific Ocean</u>	*				✓		✓	✓	✓	✓	6
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On Chart No. 8860
 On previous survey No.
 On U. S. quadrangle Maps
 From local information
 On local Maps
 P. O. Guide or Map
 Rand McNally Atlas
 U.S. Light List
 K. Pict. Geog.
 Williams
 Atwood

Names underlined in res. approved
 by E. A. D. on 6/11/36

REVIEW OF TOPOGRAPHIC SURVEY No. 4935

Title (Par. 56) *Udagak Strait, S.W. Alaska*

Chief of Party *A.M. Sobieralski* Surveyed by *H.C. Applequist* Inked by *H.C. Applequist*

Ship *Surveyor* Instructions dated *April 13, 1934* Surveyed in *Sept.-Oct. 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. ✓
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.) ✓
5. The delineation of ~~contours-formlines-~~ is satisfactory. (Par. 49, 50.) ✓
Formlines shown more complete on adjoining sheets
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.) ✓
12. The tree line was shown on mountains. (Par. 16g.)
No trees in this area - Grass line not shown

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

T2544 (1901)

In general the present survey is in good agreement with T2544. The present survey was executed on a scale of 1:10,000, whereas T2544 was 1:40000. There is much more detail as to shore line, islets and rocks on the present survey than on T2544. Elevations of peaks, not having been shown on T2544, could not be checked with the present survey.

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.) *None submitted*
17. The magnetic meridians was shown ✓ and declination was checked. (Par. 17, 52.) *No note of having checked declinatoire. Declination taken at two stations differ by 1°30'*
18. The geographic datum of the sheet is *Unalaska (Unadjusted)* and the reference station is correctly noted. (Par. 34.)
Field computations values used
19. Junctions with contemporary surveys are adequate.
*Joins T 6434 (1935) and T 6244 (1934) on the North and West
Joins T 6460 (1935) and T 4934 (1935) on the East and South*
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.) *Rock symbols too small*
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:

Reviewed in office by *Chas R. Bush Jr. June 10, 1936.*

Examined and approved:

E. H. Green
Chief, Section of Field Records

L. O. Robert
Chief, Division of Charts

Fred. L. Peacock
Chief, Section of Field Work

Glude
Chief, Division of Hyd. and Top.

MEMORANDUM

IMMEDIATE ATTENTION

SURVEY
 DESCRIPTIVE REPORT } ~~No. H~~
~~PHOTOSTAT OF~~ } No. T **4935**

{ received APR 25 1936
 registered MAY 20 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

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C. K. Green

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