DESCRIPTIVE REPORT

State: ALASKA
Locality: Unalaska & Sedanka Islands
        Udagak Strait
        Aleutian Islands

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  F. L. Myers June 19, 1937
DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY

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 ALGSUTIAN ISLANDS Unalaska & Sedanka Islands

Locality UDAGAK STRAIT

(Insert 1:6,000)

Scale 1-10,000 Date of survey SEPT. - OCT. 1935

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

Chief of Party A. M. SOBIERSKI

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 Contours Form line interval 100 feet

Instructions dated APRIL 13, 1934

Remarks: 

V. S. OFFICE OF PRINTING OFFICE, 1935
DESCRIPTIVE REPORT
to accompany
TOPOGRAPHIC SHEET U-D-35 - UDAGAK STRAIT
SEASON 1935


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
deivation 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.
The position of MIKE 1935 is questioned on this chart as it will not fit with either A5 in this vicinity or with any of aero plate compilation.

E.W. Thorp
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,

[Signature]

H. C. Applequist,
Ensign

Approved & Forwarded:

[Signature]

A. M. Sobieralski,
Commanding Officer,
U.S.C. & G.S.S. SURVEYOR
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Names undersigned in red approved on 6/11/36.
REVIEW OF TOPOGRAPHIC SURVEY No. 4935

Title (Par. 56) Udokak Strait, S W. Alaska

Chief of Party M. S. Kitakami Surveyed by H. C. Applequist Inked by H. C. Applequist


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 marsh 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. 35, 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 meridian was shown and declination was checked. (Par. 17, 52.) No note of having checked declinatoire. Declination taken at two stations differ by 1.36.

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 T64S (1835) and T62S (1835) on the North and West.
   Joins T64N (1835) and T43S (1835) 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:


Examined and approved:

C. W. Green
Chief, Section of Field Records

Fred. W. Peacock
Chief, Section of Field Work

L. C. Robert
Chief, Division of Charts

H. D. C.
Chief, Division of Hyd. and Top.

A-437
MEMORANDUM
IMMEDIATE ATTENTION

SURVEY DESCRIPTIVE REPORT
PHOTOSTAT OF

No. H
No. T 4935

received APR 25 1936
delivered 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.

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RETURN TO

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[Signature]
Ki. Green