**State:** Alaska

**Locality**

- Aleutian Islands
- Unalaska Bay
- North End of Captain's Bay

**1935.**

**Chief of Party**

H. B. Campbell
Applied to drawing of chart No. 9008 - 7. B. Maiga May 1936

Applied to new compilation of chart No. 9007 - 7. B. Maiga July 1936

Applied to drawing of chart No. 8860 - 7. B. Maiga Dec 1936

Applied to drawing of chart No. 8807 - 7. B. Maiga June 1937

(Extended)

Applied to new compilation of Chart No. 9007 - 7. Filagari Aug. 1938

Applied to Chart Comp. 9018 - J. E. M. S. E. June 29, 1939

"  9206 - J. E. M. S. E. June 1943
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.: D...1235...

REGISTER NO.: T6426

State: ALASKA

General locality: ALEUTIAN ISLANDS

Locality: CAPTAINS BAY

Scale: 1:5000

Date of survey: SEPTEMBER, 1935

Vessel: SHIP DISCOVERER

Chief of party: E. E. CAMPBELL

Surveyed by: GEORGE E. MORRIS, JR.

Inked by: GEORGE E. MORRIS, JR.

Heights in feet above to ground to tops of trees

Contour, Approximate contour, Form line interval

Instructions dated: APRIL 13, 1935

Remarks: Delineation of shore line only... Relief shown on topographic sheet field no. D...1235...
DESCRIPTIVE REPORT

TO ACCOMPANY TOPOGRAPHIC SHEET D - 1935

NORTHERN HALF CAPTAINS BAY.

Work done under instructions Project HT 177 dated April 13, 1934.

a. GENERAL DESCRIPTION

The work done on this sheet is the delineation of the high and low water lines and the location of off-lying rocks. The land is mountainous and there is little or no beach. Notes are placed on the sheet to indicate the nature of the land areas immediately inside the high water line. The character of the beach is noted on the sheet.

The relief of the area covered by this sheet is shown on topographic sheet H - 1935.

b. LANDMARKS

There are no natural or artificial objects in the area covered by this sheet of sufficient prominence to be suitable for landmarks for charts.

c. CONTROL

Triangulation stations established in 1934 were used for the basic control of the sheet. Plane table graphic triangulation was used for intermediate control. All plane table set ups were made over intersection points.
d. **TRaverse**

No plane table traverse was run.

e. **off-lying features**

Off-lying rocks were located by stadia readings on a
telemeter rod held by a rodman working from a small boat.

k. **NEW NAMES**

A list of names for the area covered by this survey
will be included in the report on topographic sheet H - 1935.

n. **chANGES**

A close comparison was made as the survey progressed
between the chart and the survey. In general configuration
the chart agrees with the present survey. It is believed
that this survey is on a larger scale and in more detail than
the survey on which the chart is based so the detail differ-
ences would not indicate a great change in the shore line.
There are indications that the rock bluffs in places fail from
time to time and the resulting rock slides make slight changes
in the shore line. The water deepens so abruptly a few
meters from shore that with few exceptions any rocks which
roll beyond the low water line sink to such depths that they
do not become off-lying dangers. It is recommended that this
survey combined with topographic sheet H - 1935 supersedes the charted survey of the area covered by this sheet.

STATISTICS: 3.6 statute miles shore line.

Report respectfully submitted

George E. Morris, Jr.

Approved and Forwarded:

H. B. Campbell, H. & G. E.,
Chief of Party, C. & G. S.
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Names underlined in red approved on 4/27/36.
MEMORANDUM
IMMEDIATE ATTENTION

SURVEY
DESCRIPTIVE REPORT
PHOTOSTAT OF

No. H
No. T 6426

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.

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RETURN TO
82

C. K. Green April 18-36
REVIEW OF TOPOGRAPHIC SURVEY No. 6426

Title (Par. 56) North End of Captains Bay S.W. Alaska


Ship Discoverer Instructions dated April 1935 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 as 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 Page 2 of the Descriptive Report).

T6426 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.) None submitted

17. The magnetic meridian was shown and declination was checked. (Par. 17, 52.) Declination varies 10° 53' in the area and adjoining surveys

18. The geographic datum of the sheet is Unalaska (Unadjusted) and the reference station is correctly noted. (Par. 34.)

19. Junctions with contemporary surveys are adequate.

     Joins T 6415 (1935) on the South
     Joins T 4880 (1935) on the East
     Joins T 6427 (1935) on the Nor

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, 43, 44, 45, 46, 47, 48, 49, 50.)

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 for this area was executed on T 6430 (1935)

Reviewed in office by Chas. P. Busch J. June 8, 1936.

Examined and approved:

Chas. O. Babcock
Chief, Section of Field Work

Fred. L. Peacock
Chief, Section of Field Records

Examiner and approved:

W. D. Green
Chief, Division of Charts

L. D. Dobbs
Chief, Division of Hyd. and Top.