U. S. COAST AND GEODETIC SURVEY
DEPARTMENT OF COMMERCE

DESCRIPTIVE REPORT

Type of Survey: Topographic

Field No. L-43 Office No. T-6935

LOCALITY

State: Alaska-Aleutians
General locality: Andreanof Is., Kagalaska I.
Locality: Upper Arm of Cabin Cove

1943

CHIEF OF PARTY

L. C. Wilder

LIBRARY & ARCHIVES

DATE: July 24, 1944
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 No. 143

REGISTER NO. 6935

State... ALASKA

General locality... ANDREWHT IS... ZAGAIAKLA I.

Locality... North Arm of Cabin Cove

Scale... 1:10,000... Date of survey... October 11 & 12, 1945.

Vessel... Ship... SURVEYOR

Chief of party... Lc. C. WILDER

Surveyed by... HOWARD S. COLE

Inked by... HOWARD S. COLE

Heights in feet above... to ground to tops of trees

Contour, Approximate contour, Form line interval... feet

Verbal issued by... CAPT A. DURGIN, Lt. Comdr.

Instructions... C.S.S... Liaison Officer... F.K.

Remarks: No projection... See descriptive report for method of orientation.
DESCRIPTIVE REPORT
To Accompany

TOPOGRAPHIC SHEET - FIELD NO. M-43 26235

NORTH ARM OF CABIN COVE
KAGALASKA I.
October 11 & 12, 1943

SHIP SURVEYOR L. C. WILDER, COMDG.

INSTRUCTIONS
This work was done in accordance with verbal instructions issued by Casper M. Durgin, Lieut. Comdr., C. & G. S., Liaison Officer.

LIMITS
The sheet comprises the topography of the North Arm of Cabin Cove on Kagalaska Island, one of the Andreanof group.

CONTROL
No triangulation control was available and there is no projection on the sheet. The survey was oriented in the following manner: A set-up was made near signal FIRE. From this point, planetable cuts were taken on objects charted on H.O. Chart No. 5651. The cuts were then transferred to tracing paper and the position of the set-up plotted on the chart. The azimuths to the various objects were scaled from the chart and used to orient the survey. A declinatioire observation taken at the time checked reasonably close. Agrees closely with chart 941.
2.

Signals JUDY, JANE, SPIT and UP were built over the remains of old Navy signals. No station markers were found. A further check on the orientation may be possible, provided the positions of the Navy signals can be obtained.

SURVEY METHODS

The remaining signals were located by a combination of graphic triangulation and traverse. The traverses were short and no adjustment was made. Standard planable procedure was employed.

DESCRIPTION OF SHORELINE

The shoreline is generally rocky but is particularly clear of off-lying rocks and dangers.

STATISTICS

5.5 Statue miles of shoreline

REMARKS

The purpose of this survey was to furnish control for a reconnaissance hydrographic survey. With the exception of the orientation of the sheet the remaining work is of standard accuracy.

HOWARD S. COLE
Jr. H & G Engr.

APPROVED & FORWARDED

L. C. WILDER
Commanding Officer
U.S.C. & G.S.S. SURVEYOR
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Names underlined in red approved by L. Heck on 8/9/44.
MEMORANDUM
IMMEDIATE ATTENTION

SURVEY DESCRIPTIVE REPORT
PHOTOSTAT OF

No. H
No. T
T6935

received registered
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

[Signature]
DIVISION OF CHARTS

REVIEW SECTION - SURVEYS BRANCH

REVIEW OF TOPOGRAPHIC SURVEY  REGISTRY NO. 6935

Field No. M

Alaska, Andreanof Island, Kagalaska Island,
Upper Arm of Cabin Cove
Surveyed October 11 and 12, 1943, Scale 1:10,000
Instructions - Verbal

Plane Table Survey  Aluminum Mounted

Chief of Party - L. C. Wilder
Surveyed by - Howard S. Cole
Inked by - Howard S. Cole
Reviewed by - Harold W. Murray
Inspected by - H. R. Edmonston, August 7, 1944

1. **Junctions with Adjacent Surveys**

   No other surveys of this Bureau adjoin the present survey.

2. **Comparison with Previous Surveys**

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

3. **Comparison with Chart 9141 (Latest print dated 4-13-44)**

   Charted topography is mainly from an advance tracing of the present survey, Bp. 37696 (1943). Some minor differences are noted, particularly at the mouth of the cove where the present survey shows rock detail close inshore. The charted information should be corrected.

4. **Condition of Survey**

   The projection shown on the smooth sheet in pencil is approximate. It was constructed graphically from recovered remains of old U. S. Navy signals established for use on H-6893 (1934).

5. **Compliance with Project Instructions**

   Satisfactory.
6. **Additional Field Work Recommended**

The descriptive report of the contemporary hydrographic sheet H-6920 (1943) states that "it was intended that this work be reconnaissance." The work accomplished appears to be of standard survey accuracy except for absence of rigid control.

7. **Superseded Surveys**

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

Examined and approved:

[Signatures and titles]

Robert _____
Chief, Surveys Branch

J. S. _____
Chief, Division of Charts

E. O. _____
Chief, Section of Hydrography

Frank _____
Chief, Division of Coastal Surveys
Compared with chart 9/41. Only minor change necessary 3/8. 5/10-6-44.