

# 6935

Diag'd on Diag. No. 8863-2

Form 504

## U. S. COAST AND GEODETIC SURVEY

DEPARTMENT OF COMMERCE

### DESCRIPTIVE REPORT

Type of Survey Topographic

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

#### LOCALITY

State Alaska-Aleutians

General locality Andreanof Is., Kagalaska I.

Locality Upper Arm of Cabin Cove

194 3

#### CHIEF OF PARTY

L. C. Wilder

#### LIBRARY & ARCHIVES

DATE July 24, 1944

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. N-43

REGISTER NO. **6935**

State ALASKA

General locality ANDREANOF IS. KAGALASKA I.

Locality Upper North Arm of Cabin Cove

Scale 1:10,000 Date of survey October 11 & 12, 1943

Vessel Ship SURVEYOR

Chief of party L. 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 CASPER M. DURGIN, Lt. Comdr.

Instructions stated C. & G. S. Liaison Officer, 19

Remarks: No projection. See descriptive report for method of orientation.



197.

DESCRIPTIVE REPORT

To Accompany

TOPOGRAPHIC SHEET - FIELD NO. M-43 7-6235

<sup>Upper</sup>  
~~NORTH~~ ARM OF CABIN COVE

KAGALASKA I.

October 11 & 12, 1943

SHIP SURVEYOR

L. C. WILDER, COMDG.

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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 <sup>Upper</sup> 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. 5631. 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 declinoire observation taken at the time checked reasonably close. <sup>Agrees closely with Chart 9141</sup> ✓

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 planetable 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*

HOWARD S. COLE  
Jr. H & G Engr.

APPROVED & FORWARDED

*L. C. Wilder*  
L. C. WILDER  
Commanding Officer  
U.S.C. & G.S.S. SURVEYOR



# GEOGRAPHIC NAMES

Survey No. **T6935**

GEOGRAPHIC NAMES		Survey No. T6935																			
Name on Survey		A	B	C	D	E	F	G	H	K											
<u>Kagalaska I.</u>			(vs. G. B.)			515	760													1	
<u>Cabin Cove</u>			"			"														2	
<u>Upper Arm</u>			"			"														3	
																				4	
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Names underlined in red approved

by L. Heck on 8/9/44

M 234

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.

ROUTE		Initial	Attention called to
20			
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RETURN TO

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*VBK*

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:

  
Chief, Surveys Branch

  
Chief, Division of Charts

  
Chief, Section of Hydrography

  
Chief, Division of  
Coastal Surveys



Compared with chart 9141. Only minor change necessary J.M.G. 10-6-44