

6975

Diag. Cht. No. 8863-2

Form 504

U. S. COAST AND GEODETIC SURVEY

DEPARTMENT OF COMMERCE

DESCRIPTIVE REPORT

Type of Survey TOPOGRAPHIC

Field No. De-"C"-44 Office No. T6975

LOCALITY

State ALASKA - Aleutian Islands

General locality Tanaga Island
~~ANDREANOF ISLANDS~~

Locality SOUTH SHORE TANAGA BAY

194 4

CHIEF OF PARTY

L. C. WILDER

LIBRARY & ARCHIVES

FEB 2 1945

DATE DECEMBER 15, 1944

6975

DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY

REG. NO. T6975

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 De-"C"-44

REGISTER NO.

State Alaska - Aleutian Islands

General Locality Tanaga Island
Andreanof Islands

Locality of
South shore, Tanaga Bay

Scale 1:10,000 Date of survey July - September, 1944

Vessel DERICKSON

Chief of party L. C. Wilder

Surveyed by E. B. Brown & L. G. Taylor

Inked by E. B. Brown & L. G. Taylor

Heights in feet above high water to ground ~~to tops of trees~~

Contour, Approximate contour, Form line interval _____ feet

Instructions dated Revised 4/16/43; Supplemental 2/1, 1944

Remarks: Graphic Control

COM 17 Project 4

DESCRIPTIVE REPORT TO ACCOMPANY

TOPOGRAPHIC SHEET D-1C-44 (Graphic Control)

SOUTH SHORE TANAGA BAY

INSTRUCTIONS:

CS-218 Revised April 17, 1943, supplemental Feb. 1, 1944.
COM 17 Project 4.

SURVEY METHODS:

The control is a scheme of third order triangulation. Standard topographic methods were used in location of topographic stations. From FACE, 1944 to DOG 1943, stations were located by topographic cuts; where necessary cuts were supplemented by stadia distances (by E. B. Brown). From DOG, 1943 to ZED, 1943, a stadia traverse was run (by L. G. Taylor). The closing error of this traverse was 4 meters. The error was adjusted. ✓

DESCRIPTION OF COAST:

The shore line is rocky backed by grassy hills about 200 feet elevation. In general there are numerous offlying rocks and thick kelp to distances as great as $\frac{1}{2}$ mile off shore. Under usual weather conditions, small boat landings may be made almost anywhere on this shore by following the small openings between the rocks. ✓

LANDMARKS ARE RECOMMENDED FOR INSHORE CHARTS AS FOLLOWS:

SHACK, North Gable	51° 42'	222 ^m	(1632)	N	} Chart Letter 102 (1945)
	178 02	245	(907)	W	
Water fall	51 42	582	(1272)	N	
	178 01	792	(360)	W	}
Water fall	51 42	843	(1011)	N	
	178 01	434	(718)	W	

DISCREPANCIES:

None. The signals that were located by hydrography during the field season 1943 by the USC&GSS EXPLORER and USC&GSMV PATTON were relocated. The topographic locations should supersede the hydrographic locations. ✓

"MAGNETIC MERIDIANS" WERE DRAWN WITH THE DECLINITOIRE AS FOLLOWS:

Station	Time	Date	Declination	Instrument Number
EB	1420	7/18/44	08° 12' E	175
DAY	1600	7/18/44	05 36 E	175
INK	0930	8/26/44	07 55 E	224
ZED, 1943	1030	9/22/44	08 47 E	224

Scaled by E.B.B.
Checked by E.E.J.

Submitted December 15, 1944.

Edward B. Brown, Jr.,
Lieut.Comdr., U.S.C. & G. Survey.

Approved and forwarded:


L. C. Wilder,
Lieut.Comdr., U.S.C. & G. Survey.

DIVISION OF CHARTS

REVIEW SECTION - NAUTICAL CHART BRANCH

REVIEW OF TOPOGRAPHIC SURVEY

REGISTRY NO. 6975

FIELD NO. DE-C-44

Aleutian Islands; Tanaga Island; South Shore of Tanaga Bay
Surveyed in July - Sept. 1944 Scale 1:10,000
Project CS-218

Graphic Control

Aluminum Mounted

Chief of Party - L. C. Wilder
Surveyed by - E. B. Brown; L. G. Taylor
Inked by - E. B. Brown; L. G. Taylor; J. A. McCormick
Reviewed by - J. A. McCormick
Inspected by - H. W. Murray, Oct. 12, 1945

1. General Statement

Field work on this survey is classified as graphic control. Some shoreline and rock detail were located by rod and intersection; the remainder was left for office interpretation from photographs. Five-lens photographs flown by the U. S. Navy in 1934 were the only ones available. They were not satisfactory but radial plots were made and shoreline drawn as best it could be. The reviewer adjusted the resulting correction sheets CS-312 and CS-313 to the graphic control, in some cases resorting to plain ordinary sketching.

2. Adjoining Surveys

Photo shoreline at the eastern end of the present survey has been made to agree with T-6974a (1944). At the western end of the survey, photo shoreline has been continued on correction sheets CS-312 and CS-313.

3. Previous Surveys

This Bureau had not previously surveyed any part of this area.

4. Comparison with Chart 9146 (Print of March 31, 1945)

Topography now charted in this area is partly from the present survey as originally ^{received} ~~reviewed~~ in the office and partly from B.P. 39016, advance sketch submitted by the field party. Differences between chart and survey are not critical but should be eliminated by application to the chart of the survey in its present form.

5. Compliance with Project Instructions

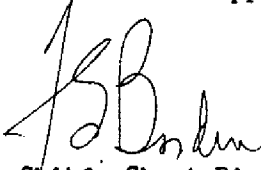
Instructions for these Aleutian projects state whether or not photographs are available but leave the decision as to their use to the Chief of Party. In the present instance, the photographs were not satisfactory and the area should have been surveyed entirely by planetable.

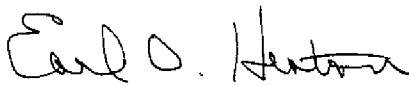
6. Additional Field Work Recommended

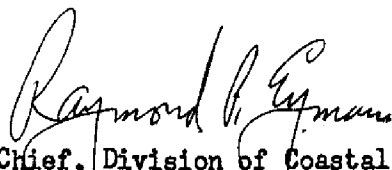
Immediate resurvey of the area is not essential. It is probable that any resurvey will be accomplished by photogrammetric methods with new photos. In such case, the reviewer wishes to stress the need for adequate field inspection.

Examined and approved:


Chief, Nautical Chart Branch


Chief, Chart Division


Chief, Section of Hydrography


Chief, Division of Coastal Surveys

GEOGRAPHIC NAMES

Survey No.

T6975

Name on Survey

	A	B	C	D	E	F	G	H	K	
	On Chart No.	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		
<u>Alentian Islands</u>			(for title)							1
<u>Tanaga Island</u>					515	775		U.S.G.B.		2
<u>Tanaga Bay</u>					515	780				3
<u>Kulak Point</u>										4
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Check on 10/15/45