Form 504
U. S. COAST AND GEODETIC SURVEY
DEPARTMENT OF COMMERCE

DESCRIPTIVE REPORT

Type of Survey  TOPOGRAPHIC

Field No. 563A & 464B  Office No. T6.974 a&b

LOCALITY

State  Alaska - Aleutian Islands
General locality  Tanaga Island
Locality  Tanaga Bay - Tanaga Island

1944

CHIEF OF PARTY

Charles Pierce

LIBRARY & ARCHIVES

DATE  FEB 2 1945
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. "A" 4/4

REGISTER NO.

State: Alaska - Aleutian Islands

General Locality: Aleutian Islands

Locality: Tanaga Bay - Tanaga Island

Scale 1:50,000 Date of survey May 1944

Vessel: USCGSGMV PATTON

Chief of party: Charles Pierce

Surveyed by: Max G. Ricketts

Inked by: Max G. Ricketts

Heights in feet above MHW to ground

Contour, Approximate contour, Form line interval ______ feet

Instructions dated: Feb. 1st and May 21st, 1944

Remarks: Shoreline detail only.

SFO 29683
DESCRIPTIVE REPORT
to accompany
TOPOGRAPHIC SHEET "A"
TANAGA BAY, ALASKA
1944

U.S.C. & G.S.M.V. PATTON

Charles Pierce, Comdg.

INSTRUCTIONS: Project CS-218, dated February 1, 1944.
Project CMD-4, dated May 21, 1944.

DESCRIPTION: This sheet was surveyed on a scale of 1:5,000 to
cover the shoreline and furnish control for detailed hydrography
of the inshore area requested by NAAF Tanaga. As pictures of the
area are available for compilation, only shoreline and offshore
detail was rodded. The shoreline on the point where FACE 1944
is located is rocky and backed by heavy bluffs. The shoreline
of the balance of the sheet is sand beach backed by low dune like
grass covered bluffs, these reach a height of about 100 feet in
the area near and just south of WASH 1943.

CONTROL: Control for this sheet was furnished by the
triangulation of 1943 and 1944. A traverse from BAY 1943 to
FACE 1944 closed 12 meters in error. This traverse was adjusted
in the field by occupying the signals and resecting and by cuts
from the two triangulation stations. Check cuts to verify this
field adjustment were taken from the traverse BAY 1943 to WASH 1943
which closed 2 meters in error. No adjustment was made on this
last traverse. The usual planetable methods were used in this survey.

JUNCTION: This sheet joins Sheet "B" of the PATTON in the
vicinity of WASH 1943 and the signal location sheet of the DERICKSON
in the vicinity of FACE 1944.

Max G. Ricketts
Lt., Comdr., USC&GS

Approved and Forwarded:

Charles Pierce
Lt., Comdr., USC&GS
Commanding PATTON
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. T6974 b

REGISTER NO. 6974 b

State Alaska - Aleutian Islands

General Locality Tanaga Island

Locality North Shore of Tanaga Bay - Tanaga Island

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

Vessel USCGS MV. Patton

Chief of party Charles Pierce

Surveyed by Max G. Ricketts

Inked by Max G. Ricketts

Heights in feet above Mean High Water to ground

Contour, Approximate contour, Form line interval feet

Instructions dated Feb. 1st and May 21st, 1944

Remarks: Shoreline detail only

396833
DESCRIPTIVE REPORT
to accompany
TOPOGRAPHIC SHEET "B"
TANAGA BAY, ALASKA
1944

U.S.C. & G.S.M.V. PATTON

Charles Pierce, Comdg.

INSTRUCTIONS:
Project GS-218, dated February 1, 1944.
Project CMD-4, dated May 21, 1944.

DESCRIPTION: This sheet was surveyed on a scale of 1:10,000
to cover shoreline obscured on pictures and to furnish control
and offshore detail for inshore hydrographic sheets. Steep bluffs
and rocky shoreline are found in the sector GAP 1944 to MEL 1944.
A heavy bluff and rocky shoreline is also found in the sector between
the creek near POD 1943 to signal HUT. The balance of the sheet has
sand beach backed by low dune like grass covered bluffs.

CONTROL: Control for this sheet was furnished by the
triangulation of 1943 and 1944, in addition a large percentage
of the signals were located by sextant cuts from the PATTON on
Hydro. Sheet 1144. The hydrographic locations were transferred
to this sheet and used as additional control. Check traverses
were carried between triangulation stations and the hydrographic
locations were checked. Closures on these short traverses were
1 to 2 meters and no adjustment was made. Cuts were taken to
all signals visible when occupying triangulation stations. The
traverse GAP to FAN changed the hydrographic location of signal
WIT somewhat, this being verified by cuts from the opposite side
of Cable Bay. The uncompleted traverse FAN to MEL on the subplan
was checked at the last setup by resection on MEL. Usual plane-
table methods were used in this survey.

JUNCTION: This sheet joins Sheet "A" of the PATTON in
the vicinity of WASH 1943.

Max G. Ricketts
Lt. Comdr., USCG

Approved and Forwarded:

Charles Pierce
Lt. Comdr., USCG
Commanding PATTON
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Survey No. T6974 & 4b

U.S. Light List

Handwritten note: "Handwritten Material: 1. Heard 10/15/45"
DIVISION OF CHARTS

REVIEW SECTION - NAUTICAL CHART BRANCH

REVIEW OF TOPOGRAPHIC SURVEY

ALEUTIAN ISLANDS; TANAGA ISLAND; NORTH SHORE OF TANAGA BAY
SURVEYED IN MAY - AUGUST 1944
PROJECT CS-218

Plane Table Survey

Chief of Party - C. Pierce
Surveyed by - M. G. Ricketts
Inked by - M. G. Ricketts
Reviewed by - J. A. McCormick
Inspected by - H. W. Murray, Oct. 12, 1945

Aluminum Mounted

1. Adjoining Surveys

Satisfactory junction was made between T-6974a and T-6975 (1944) on the west, also between T-6974a and b. This Bureau has made no surveys on the northwest.

2. Previous Surveys

None.

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

These surveys already have been applied to the chart. No revision is necessary.

4. Compliance with Project Instructions

Excellent.

5. Additional Field Work Recommended

None.

Examine and approved:

Robert Whart
Chief, Nautical Chart Branch

Earl O. Hutton
Chief, Section of Hydrography

Raymond A. White
Chief, Division of Coastal Surveys

Chief, Chart Division