

7043

a&b

Graphic Control

Diag'd. on Diag. Ch. 8252-2

Form 504

U. S. COAST AND GEODETIC SURVEY

DEPARTMENT OF COMMERCE

DESCRIPTIVE REPORT

Type of Survey TOPOGRAPHIC

Field No. PA-A-17 & PA-B-17 Office No. T-7043 a & b

LOCALITY

State Southeastern Alaska

General locality Sitka Sound

Locality Silver Bay

1947

CHIEF OF PARTY

Glendon E. Boothe

LIBRARY & ARCHIVES

DATE APR 30 1948

B-1870-1 (1)

7043

a&b

Graphic Control

DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY

REG. NO. T-7043a & T-7043b

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. PA-A-47 & PA-B-47

REGISTER NO. T-7043 a & b

State Southeastern Alaska

General Locality Sitka Sound

Locality Silver Bay

Scale 1:10,000 Date of survey May, 1947

Vessel PATTON

Chief of party Glendon E. Boothe

Surveyed by Arthur L. Wardwell

Inked by Arthur L. Wardwell

Heights in feet above MHW to ground ~~to tops of trees~~

Contour, Approximate contour, Form line interval feet

Instructions dated 14 April, 1947

Remarks: Project CS-247

DESCRIPTIVE REPORT TO ACCOMPANY

TOPOGRAPHIC SHEETS T-7043 a & b

SILVER BAY, ALASKA

SCALE 1:10,000

USC&GSS PATTON, GLENDON E. BOOTHE, CHIEF OF PARTY

* * *

AUTHORITY

This survey was made in accordance with Revised Instructions of 14 April 1947.

PURPOSE

The purpose of this survey is to locate signals for control of hydrography in Silver Bay, Camp Coogan Bay, No Thorofare Bay and adjacent waters.

CONTROL

This survey was controlled by the stations of a scheme of second-order triangulation which was extended into Silver Bay in 1946 and into Camp Coogan Bay in 1947.

SURVEY METHODS

Standard graphic control methods were used in locating the signals and such features as were delineated on this sheet. Short traverses were run from Camp Coogan Bay and from Station SUGAR to locate the many signals in the narrow channels there. These traverses were connected at topo signal SIR with no appreciable closing error. An unclosed traverse was run into No Thorofare Bay. Intersection of cuts was good at all signals.

SHORELINE

A short section of shoreline was rodded in, where practicable, at each set-up. Actual high water line rod readings are indicated by black dots in breaks in the shoreline. Data for rocks awash was referred to MLLW or MHW by noting the time at which estimation was made, and reducing from the table of predicted tides.

COMPARISON WITH PREVIOUS SURVEYS

This area is covered on Sheet T-2149, surveyed in 1893 on a scale of 1:20,000. This sheet ⁽⁷⁻²¹⁴⁹⁾ has two errors which will be noted in the air-photo compilation to be made, in the vicinity of Bird's Nest Bay. One is at the narrow gap between Bird's Nest and No Thorofare Bays, which is described in the Coast Pilot as being passable for small boats at high water. Actual observations here showed that at MHW the water just begins to trickle over the bed rock of this pass in a thin stream. The other discrepancy is the area just to the northward of the small island on which signal GAM is located (Lat. 57° 00.61'; Long. 135° 14.28'). This area does not bare at MLIW, as is shown on T-2149. No new rocks awash were found.

See
H-7189(1947)

See
H-7189(1947)

GEOGRAPHIC NAMES 814 ✓

One new geographic name is recommended; namely, Birds Nest Bay, to denote the small bay just south of No Thorofare Bay. This name is well established in local usage. ✓

Submitted by

Arthur L. Wardwell
Arthur L. Wardwell
Lieut., USC&GS

Approved and Forwarded:

Glendon E. Boothe
Glendon E. Boothe
Lt. Comdr., USC&GS
Cmdg., USC&GSS PATTON

GEOGRAPHIC NAMES

Survey No.

T7043a
T7043b

Name on Survey

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

A

B

C

D

E

F

G

H

K

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NAUTICAL CHARTS BRANCH

SURVEY NO. T 7043 a. b.

Record of Application to Charts

[illegible]

M-2168-1

A basic hydrographic or topographic survey supersedes all information of like nature on the uncorrected chart. Give reasons for deviations, if any, from recommendations made under "Comparison with Charts" in the Review.