

7045

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-D-47 Office No. T-7045

LOCALITY

State Southeastern Alaska

General locality Sitka Sound

Locality Pirate Cove to Deep Inlet

1947

CHIEF OF PARTY

Glendon E. Boothe

LIBRARY & ARCHIVES

DATE APR 30 1948

B-1870-1 (1)

7045

Graphic Control

DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY

REG. NO. T-7045

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-D-47

REGISTER NO. T-7045

State Southeastern Alaska

General Locality Sitka Sound

Locality Pirate Cove to Deep Inlet

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

Vessel USC&GSS PATTON

Chief of party Glendon E. Boothe

Surveyed by Arthur I. Wardwell

Inked by Arthur I. 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 SHEET T-7045 (PA-D-47)

SITKA SOUND, ALASKA

SCALE 1:10,000

U. S. C. & G. S. S. PATTON

GLENDON E. BOOTHE, CHIEF OF PARTY

AUTHORITY

The surveys were made in accordance with Revised Instructions of 14 April 1947, Project CS-247.

PURPOSE

The purpose of the survey is to locate signals for control of the inshore hydrography, and to supplement the field inspection of air photographs of this area.

CONTROL

Existing triangulation stations were used except at the entrance to Deep Inlet, where new triangulation stations were established in 1947.

SURVEY METHODS

Standard topographic surveying methods were used to locate signals and features.

SHORELINE

In accordance with Revised Instructions, a short section of shoreline was rodded in at the planetable setups where it was practical to do so. Actual high water line rod readings are indicated by black dots in broken shoreline. Rocks and reefs were located by rod readings and by intersection of cuts. Heights were noted at time of location and reduced to the M.L.L.W. datum from predicted tides.

COMPARISON WITH PREVIOUS SURVEYS

The area is covered by Sheet T-2149, 1893, scale 1:20,000. The small amount of shoreline on T-7045 does not agree well with T-2149. Rocks and reefs awash agree satisfactorily with the exception of the reef shown on T-2149 at the entrance to Deep Inlet, (Lat. 56° 59.17, Long. 135° 18.28'). This really is a sunken reef. It was located on hydrographic Sheet H-7191 (PA-1347) by the hydrographic party and a least depth of 0.8 fathom at MLLW was obtained at a time when the bottom was visible. (Pos. 7ca)

cancelled (See T-8483)

This area is covered also by air photographic compilation Sheet T-8482 which was compiled in advance of field inspection of air photographs. A comparison shows that this sheet agrees quite well with the small amount of shoreline on T-7045.

GEOGRAPHIC NAMES

The only new geographic name on this sheet is Samsing Cove, a well established local name for the small cove just east of Pirate Cove used as an anchorage for small fishing and pleasure craft.

Submitted by

Approved and Forwarded:

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

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

This graphic control survey has been compared with contemporary hydrographic survey H-7191. No further review is necessary at this time. This survey has been superseded by T-8483 (1947)

J.A. Winsmore

7 Oct. 1954

GEOGRAPHIC NAMES

Survey No. **T7045**

 Control

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	
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NAUTICAL CHARTS BRANCH

SURVEY NO. T 7045

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.