

6934

Diag. Cht. No. 8252-2

Form 504

U. S. COAST AND GEODETIC SURVEY

DEPARTMENT OF COMMERCE

DESCRIPTIVE REPORT

Type of Survey Topographic

T6934

Field No. J-43 Office No. \_\_\_\_\_

LOCALITY

State Southeast Alaska

General locality Sitka Sound  
East shoreline adjacent

Locality to Hot Springs Bay

1943

CHIEF OF PARTY

Charles Pierce

LIBRARY & ARCHIVES

DATE March 1, 1944

B-1870-1 (1)

436

Partially applied to	Chr. 8252	4/18/44	GR
"	" " " 8255	4/21/44	GR
Completely	" " " 8255 before review	1/15/46	2/7s
Completely	" " " 8252	6/17/47	f.am.

DEPARTMENT OF COMMERCE  
U. S. COAST AND GEODETIC SURVEY

REG. NO.

T6934

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. L-43

REGISTER NO.

State Southeast Alaska

General locality Sitka Sound

Locality East shoreline adjacent to Hot Springs Bay

Scale 1-10,000 Date of survey July, 1943

Vessel WESTDAHL

Chief of party Charles Pierce

Surveyed by Curtis Le Fever

Inked by Christine Nechaj

Heights in feet above MHW to ground ~~151155155155155155~~

Contour, Approximate contour, Form line interval \_\_\_\_\_ feet

Instructions dated Feb. 14/40, June 10/41, Feb. 5, June 19, Aug. 5, 1942

Remarks: \_\_\_\_\_



DESCRIPTIVE REPORT  
to accompany  
Topographic Sheet J-43  
Sitka Sound  
S. E. Alaska

AUTHORITY:

Instructions dated February 14, 1940, June 10, 1941, February 5, June 3 and August 5, 1943.

GENERAL DESCRIPTION OF AREA AND EXTENT OF SURVEY:

The area covered by this sheet is along the Eastern shore of Sitka Sound, directly north of Hot Springs Bay. The shoreline and adjoining rocks and islets from a junction with Survey 4554, scale 1-10000 at Crane Cove, in the vicinity of Hot Springs Bay north to a junction with Sheet F-43, 1943. Calligan Island is no longer an island but is now attached to Baranof Island by a narrow grass covered gravel peninsula.

CONTROL:

Triangulation control in this area was completed by this party in 1942 and 1943 and was used throughout this survey. There were no traverses of more than one or two setups necessary because of the close spacing of the triangulation. No traverse adjustments were made.

METHOD OF SURVEY:

Planetable methods were used. Offlying rocks and ledges adjacent to the shoreline surveyed are located by cuts and supplemented by rod readings. Those covered by tide and the low water line were located at low water by rod readings.

Necessary hydrographic signals around Torsar and Fragrant Islands were located on this sheet by directions taken from triangulation stations in the vicinity. The rocks, shoals and kelp spots shown on this sheet in this vicinity were located by sextant three point fixes taken from the different features. The angles taken are recorded in one of the sounding volumes of Hydrographic sheet 1443A covering this area.

COMPARISON WITH PREVIOUS SURVEY:

No comparison was made with the previous survey because of the difference in scale between the two surveys. A satisfactory junction with topographic survey 4554, scale 1-10000 was made adjacent to Crane Cove. The survey at the north end of the sheet was continued onto Sheet F-43 by the same topographic party.

LANDMARKS:

There are no landmarks for charts in this area.

AIDS TO NAVIGATION:

No aids to navigation are located in this area.



AIR PHOTOGRAPHS:

Photographs were taken of this area in 1942. ✓

ELEVATIONS:

All elevations are determined above MHW and are of the ground surface. ✓  
The heights of the trees are shown in parenthesis near the elevations.

RECOVERABLE TOPOGRAPHIC STATIONS:

Recoverable station ZIM is marked by a drillhole in bare rock and is described on form number 524. ✓

MAGNETIC OBSERVATIONS:

No declinatoire <sup>observations</sup> were taken in this area.

STATISTICS: ✓

Statute miles of shoreline - - - - - 7.0

Square statute miles - - - - - 1.0

Respectfully submitted,

*Curtis Le Fever*  
Curtis Le Fever,  
H. & G. Engr.

Approved and forwarded:

*Charles Pierce*

Charles Pierce,  
H. & G. E., Chief of Party

*The shoreline, rocks awash etc <sup>are</sup> the present survey have been applied to air photographic surveys T-8480 and T-8481 of 1942. A comparison has been made with H-6947 (1942-43). No further review by the Hydrographic Survey Section is necessary at the present time.*

*R.H. Canters*  
4/15/47

*T-8480, T-8481, ~~T-8480~~ shoreline revised, based on field-inspected photographs, and supersedes this survey.*  
G. F. L.  
7/5/51

# MEMORANDUM

## IMMEDIATE ATTENTION

SURVEY  
DESCRIPTIVE REPORT  
PHOTOSTAT OF

No. H

No. T

**T6934**

{	received	February 28, 1944
	registered	March 1, 1944
	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
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RETURN TO

82	Comdr. R. W. Knox
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*v Rank*