

6890

Form 504

U. S. COAST AND GEODETIC SURVEY

DEPARTMENT OF COMMERCE

DESCRIPTIVE REPORT

Type of Survey Topographic

Field No. N*A*1942 Office No. T-6890

LOCALITY

State Alaska

General locality Baranof Island

Locality Starrigavan Bay

1942

CHIEF OF PARTY

Charles Pierce

LIBRARY & ARCHIVES

DATE March 13, 1943

DEPARTMENT OF COMMERCE
U.S. COAST AND GEODETIC SURVEY

1a
REG. NO.

TOPOGRAPHIC TITLE SHEET

T6890

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. NA 1942

REGISTER NO. T 6890

State. Alaska

General locality. Baranof Island SE Alaska

Locality. Starrigavan Bay

Scale. 1:5,000 Date of survey. August 1942, 19

Vessel. Westdahl

Chief of party. Charles Pierce

Surveyed by. Curtis LeFever

Inked by.

Heights in feet above ^w MHHM to ground to tops of trees

Figures in Parentheses indicate height of trees
Contour, Approximate contour, Form line interval feet

Instructions dated. Navy August 1, 1942, 1942

Remarks:

DESCRIPTIVE REPORT

T6890 ^{ra}

Report to accompany sheet N-A-1942 Old Sitka Harbor, Baranof Island, Southeast Alaska.

AUTHORITY

Requested by Commanding Officer, Sitka Naval Air Station on Aug. 1, 1942. ✓

PURPOSE OF SURVEY

Control for a large scale hydrographic survey of the harbor and detail of shoreline in the vicinity of the construction in that area. ✓

CONTROL

The control in this area was all established by this party before the topography was executed. There are now several well marked triangulation stations in the area, all of which were used when the topography was done and which increased the accuracy of the survey. With the closely spaced triangulation, it was not necessary to establish any recoverable topographic stations except at station BAR where the topography was ended. This point was marked with a standard topographic disk and a description of its location was furnished on form 524. ✓

METHOD OF SURVEY:

Standard planetable methods were used through out the survey, short traverses were run between triangulation stations on all of which very good checks were obtained. Most distances were determined by stadia, the wharves and buildings being measured with a steel tape. The locations of the numerous piling were determined by a rod being held against the piling by the rodman standing in a small boat. The few detached rocks were located the same way. The low water line was only determined by the topographer adjoining the very steep beach, that in the flatter areas and at the edge of the tidal flats being taken from the hydrographic sheet. The roads and the highwater line were reduced as were the creeks and timber line. ✓

MAGNETIC OBSERVATIONS

Declinatoire observations were made at triangulation stations HARBOR 2, HALL and SITKA 1942. There is no indication of local disturbances in this area. ✓

STATISTICS

Statute miles of shoreline - - - - - 4.6
Statute miles of roads - - - - - 1.3

Approved and forwarded:

Charles Pierce
Charles Pierce,
Lieut. Comdr., USN
Commanding Officer,
M. V. WESTDAHL

Respectfully Submitted,

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

T6890

Remarks.

Decisions

1		
2		570 350 U.S.G.D
3		571 353 "
4		
5		
6		
7		
8		
9		
10		
11		
12		
13		
14		
15		
16		
17		
18		
19		
20		
21		
22		
23		
24		
25		
26		
27		
M 234		

GEOGRAPHIC NAMES

Survey No. **T6890**

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
<u>Alaska</u>										1
<u>Baranof Island</u>										2
<u>Starrigavan Bay</u>										3
<u>Harbor Pt.</u>										4
										5
										6
										7
										8
										9
										10
										11
										12
										13
										14
										15
										16
										17
										18
										19
										20
										21
										22
										23
										24
										25
										26
										27

Names underlined in red approved
by L. Heck on 6/21/43

MEMORANDUM

IMMEDIATE ATTENTION

SURVEY
DESCRIPTIVE REPORT
PHOTOSTAT OF

No. H
No. T

T6890

received *March 15, 1943*
registered *March 15, 1943*
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
20			
22			
24			
25			
26			
30			
40			
62			
63			
82			
83			
88			
90			

RETURN TO

82	<i>Com. P. W. Knox</i>
----	------------------------

VRW

DIVISION OF CHARTS

REVIEW SECTION - SURVEYS BRANCH

REVIEW OF TOPOGRAPHIC SURVEY

REGISTRY NO. 6890

Field No. NA-1942

Alaska; Baranof Island; Starrigavan Bay
Surveyed in August 1942; Scale 1:5,000
Instructions dated August 12, 1942
(Director's telegram to WESTDAHL)

Plane Table Survey

Aluminum Mounted

Chief of Party - C. Pierce
Surveyed by - C. LeFever
Reviewed by - J. A. McCormick, June 18, 1943
Inspected by - H. R. Edmonston

1. Adjoining Surveys

A satisfactory junction was effected with T-6829 (1941) on the south. There are no other contemporary surveys adjoining.

2. Previous Surveys

T-2289 (1896-97), 1:40,000; T-2290 (1897), 1:40,000;
T-2304 (1897) 1:20,000

The old surveys, being on comparatively small scales, are much more generalized than the present survey. It is not believed that any substantial change has occurred in the area. A sunken rock in Lat. $57^{\circ}08.3'$; Long. $135^{\circ}22.5'$ on T-2289 is very close to the position of the 2/6-fathom rock carried forward to the 1942 hydrographic survey H-6764 from H-2302 (1897). It is probable that they are the same rock.

3. Condition of Survey

The title sheet of the Descriptive Report states that figures in parentheses indicate heights of trees but does not state whether the unbracketed figures are heights to ground or to tops of trees. Also, the Descriptive Report states that the edges of the tidal flats were taken from the hydrographic sheet yet a note on the boat sheet of H-6764 (1942) says they were rodded in at M.L.L.W. The title sheet of the report does not state who inked the sheet.

T-6890 (1942) - 2

4. Comparison with Chart 8281 (Print of 6-1-1943)

Charted topography is from surveys discussed in
Par. 2. Declinatoire observations of declination
agree substantially with charted values.

5. Compliance with Project Instructions

Satisfactory.

6. Additional Field Work Recommended

None.

7. Superseded Surveys

T-2289 in part

T-2290 " "

T-2304 " "

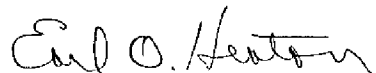
Examined and approved:



Chief, Surveys Branch



Chief, Division of Charts



Chief, Section of Hydrography



Chief, Division of Coastal
Surveys