

6641

CONFIDENTIAL

U. S. COAST & GEODETIC SURVEY  
LIBRARY AND ARCHIVES

MAY 8 1939

6241

6641  
CONFIDENTIAL

Form 504 Rev. April 1935 DEPARTMENT OF COMMERCE U. S. COAST AND GEODETIC SURVEY	
DESCRIPTIVE REPORT	
Topographic <del>Hydrographic</del>	Sheet No. B - 38 Reg. No. T - 6641
State <u>Aleutian Islands</u> <del>ALASKA</del>	
LOCALITY <del>ALEUTIAN ISLANDS</del> <del>S. COAST UANALASKA ID.</del> Island Huddle Rocks to Tower Point	
1938.	
CHIEF OF PARTY A. M. SOBIERALSKI	

U. S. GOVERNMENT PRINTING OFFICE

DECLASSIFICATION BY NOAA  
PURSUANT TO DOC SYSTEMATIC REVIEW  
GUIDELINES AS DESCRIBED IN SECTION  
3.3 (a), EXECUTIVE ORDER 12356

Applied to Confidential Chart 9022 before being reported 5/16/39 H.E.M.

before review.  
Applied to Confidential Chart 9020, May 1940. L.A.M.

DEPARTMENT OF COMMERCE  
U. S. COAST AND GEODETIC SURVEY

REG. NO.

## 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 Letter B - 38REGISTER NO. T - 6641State ~~Alaska~~ Aleutian IslandsGeneral locality ~~Aleutian Islands~~ Unalaska IslandLocality ~~S. Coast Unalaska Id.~~ Huddle Rocks to Tower PointScale 1:20,000 Date of survey June - July, 1938.Vessel U.S.C. & G.S.S. SURVEYORChief of Party A. M. SobieralskiSurveyed by G. A. NelsonInked by G. A. NelsonHeights in feet above M.H.W. to ground to ~~top of rocks~~~~Contour line interval~~ Form line interval 100 feetInstructions dated February 3, 1938.

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

DESCRIPTIVE REPORT  
TO ACCOMPANY TOPOGRAPHIC SHEET B-38

REG. # T6641

ALEUTIAN ISLANDS

SOUTH COAST OF UNALASKA ISLAND

- 0 -

SEASON OF 1938

- 0 -

U.S.S. SURVEYOR - A. M. SOBIERALSKI, Comdg.



DESCRIPTIVE REPORT

TO ACCOMPANY TOPOGRAPHIC SHEET B-38

REG. # T6641

U.S.S. SURVEYOR - A. M. SOBIERALSKI, Comdg.

SEASON OF 1938

AUTHORITY:

This survey was made under the  
Director's instructions dated February 3, 1938, Project No.  
H.T.-176. ✓

LOCALITY:

This sheet covers the area on  
the south side of Unalaska Island midway between Cape Aiak  
to Kuliliak Bay. ✓

JUNCTIONS WITH OTHER SHEETS:

It joins C-38 (Reg. # T6640) on  
the east; Reg. # T6548 on the north and Reg. # ~~6716~~<sup>x</sup> on the  
west.

METHOD OF SURVEY:

The standard plane table was used  
exclusively. ✓

Traverses Run:

PRONG - HOPE - 7 miles, closing error Plus 22  
~~minutes~~<sub>meters</sub>; adjusted. ✓

GENERAL DESCRIPTION OF COAST:

This area is typical of the  
Aleutian Islands. The shores largely terminate in cliffs  
with reefs and rocks lying short distances off shore. Kelp  
is generally fringing the reefs. ✓

The top of the bold point at  
Latitude  $53^{\circ} 22\frac{3}{4}'$ , Longitude  $167^{\circ} 15'$ , forms a conspicuous  
landmark. It suggests a buttress of a castle and may be dis-  
tinguished from the north of Unalaska Island as well as from  
the south. The peak may be identified as signal WEDGE  
(elevation 1272) on the topographic sheet. ✓

~~\* No number yet assigned - not  
completed.~~



OFFLYING DANGERS:

There are numerous reefs, rocks  
awash and sunken rocks as noted on the sheet. ✓

MAGNETICS:

The magnetic meridian shown was  
obtained with declinitoire No. 194. No local variation was  
noted. ✓

This declinitoire was standardized 23°15' charted  
at Green Lake Magnetic Station on April 20, 1938 at 2:18 P.M. at Green lake.  
It gave a reading of 23° 10'.

GEOGRAPHIC NAMES

"Lance Point" was obtained from  
the page proofs of the 1938 edition of Alaska Coast Pilot, Part  
II. This point is described as "Lake Point" in the book "Geo-  
graphic Names of Alaska". ✓

"South Islands" was obtained from HUDDLE ROCKS  
Chart 8802, 1936.

"Double Point" is suggested as a  
name for the easternmost of two similar bold points, about one  
mile apart, lying 4-1/2 miles east of "Lance Point". TOWER POINT

"Lake Bight" is suggested for the  
well defined open cove lying midway between "Double Point" and  
"Lance Point". Chart 8802, 1936, shows a large lake in this  
vicinity. Only a small lake, as shown, was found by the survey  
party but there is a possibility that a larger one exists near  
the head of the westward valley of this drainage basin, this  
area not being examined. RIDING COVE  
approved name.

ELEVATIONS:

These are in feet above Mean High  
Water. The means of the several determinations are rounded off  
to the nearest five feet. ✓

ANCHORAGES:

Small craft may find indifferent  
shelter from North-westerly weather in "Lake Bight". Anchoring  
close to the reef marking its southwestern limit offers limited  
protection from southerly swell. ✓

STATISTICS:

Shoreline	- Statute Miles.....	14.0
Area	- Square Statute Miles.....	14.0

Respectfully submitted,



George A. Nelson,  
Jr. H. & G. Engr.,  
U. S. C. & G. Survey.

November 14, 1938:-

Topographic Sheet No. B-38 (Register  
No. T-6641) and the descriptive report accompanying it, have been  
examined by me and are approved and forwarded. ✓



A. M. Sobieralski,  
Commanding Officer,  
U.S.C. & G.S.S. SURVEYOR.

T6641

	Remarks	Decisions
1		USGB decision
2	Recommended by field party Referred to USGB Tower Pt.	" "
3	" " Riding Cove	" "
4	" "	" "
5	" " Huddle Rocks	" "
6	" "	" "
7		
8		
9		
10		
11		
12		
13		
14		
15		
16		
17		
18		
19		
20		
21		
22		
23		
24		
25		
26		
27		



# GEOGRAPHIC NAMES

Survey No. T6641

GEOGRAPHIC NAMES										
Survey No. T6641										
Name on Survey	<div>On Chart No. 2802</div> <div>On previous survey No.</div> <div>On U. S. quadrangle Maps</div> <div>From local information</div> <div>Fish. Com. Map 1888</div> <div>P. O. Guide or Map</div> <div>Rand McNally Atlas</div> <div>U. S. Light List</div> <div>USCP. Alaska II</div>									
	A,	B,	C,	D	E	F	G	H	K	
<u>Unalaska I</u>	✓									1
<u>Tower</u>										
<del>Double Point</del>										2
<u>Riding Cove</u>										
<del>Lake Bight</del>										3
<u>Lance Point</u>					Lake pt.				p357	4
<u>Huddle Rocks</u>										
<del>South Islands</del>	South I									5
<u>Buttress Pt</u>										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 GHE on 5/19/39

M 234 YR

Names underlined in red approved  
by GHE on 5/17/39

# MEMORANDUM

## IMMEDIATE ATTENTION

SURVEY  
 DESCRIPTION REPORT } ~~xxxxxxx~~  
~~PHOTOGRAPH~~ } No. T -6641

{ received May 8, 1939  
 { registered June 14, 1939  
 { 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	
----	--

✓ JBR

DIVISION OF CHARTS

Section of Field Records

REVIEW OF TOPOGRAPHIC SURVEY NO. 6641 (1938) FIELD NO. B-38

Aleutian Islands, Unalaska Island, Huddle Rocks  
to Tower Point.

Surveyed in June - July 1938; Scale 1:20,000  
Instructions dated February 3, 1938 (SURVEYOR)

Plane Table Survey

Aluminum Mounted

Chief of Party - A. M. Sobieralski.  
Surveyed and inked by - G. A. Nelson.  
Reviewed by - J. A. McCormick, May 7, 1940.  
Inspected by - H. R. Edmonston.

1. Junctions with Contemporary Surveys.

- a. Junctions with T-6548 (1936) on the north and T-6640 (1937-38) on the east are satisfactory.
- b. Junction of shoreline on the west with that on T-6716 (1938-39) is satisfactory. A gap of approximately 1/2 mile between form lines on the two surveys was eliminated by office sketching. The sketched form lines are inked in dashed green.

2. Comparison with Prior Surveys.

This Bureau has made no previous surveys in this area.

3. Comparison with Chart 8802 (New Print of Dec. 21, 1939).

The chart is on such a small scale as to give only a general idea of the topography.

4. Condition of Survey.

Satisfactory.

5. Compliance with Instructions for the Project.

Satisfactory except as noted in par. 1b.

6. Additional Field Work Recommended.

None.

7. Superseded Surveys.

None.

Examined and approved:



T. B. Reed,  
Chief, Section of Field Records.



Chief, Division of Charts.



Chief, Section of Field Work.



Chief, Division of H. & T.