DESCRIPTIVE REPORT

Topographic Sheet No. B-58
Reg. No. T-6641

State: Aleutian Islands
ALASKA

Locality

- Aleutian Islands
- South Coast, Umnak 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
DEPARTMENT OF COMMERCE
U. S. COAST AND GEODENTIC SURVEY

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 - 58

REGISTER NO. T - 6641

State: Alaska Aleutian Islands

General locality: Aleutian Islands Unalaska Island

Locality: S. Coast Unalaska Id. Huddle Rocks to Tower Point

Scale: 1:20,000 Date of survey: June - July, 1938

Vessel: U. S. C. & G. S. SURVEYOR

Chief of Party: A. M. Sobiersalski

Surveyed by: G. A. Nelson

Inked by: G. A. Nelson

Heights in feet above M. H. W. to ground to

Form line interval 100 feet

Instructions dated: February 5, 1938

Remarks:
DESCRIPTIVE REPORT

TO ACCOMPANY TOPOGRAPHIC SHEET B-38

REG. # T6641

ALEUTIAN ISLANDS

SOUTH COAST OF UMALASKA ISLAND

- 0 -

SEASON OF 1958

- 0 -

U.S.S. SURVEYOR - A. M. SOBIESKI, Comdg.
DESCRIPTIVE REPORT
TO ACCOMPANY TOPOGRAPHIC SHEET B-38
REG. # T6641

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 Afak to Kuliliak Bay.

JUNCTIONS WITH OTHER SHEETS: It joins C-38 (Reg. # T6640) on the east; Reg. # T6548 on the north and Reg. # T6549 on the west.

METHOD OF SURVEY: The standard plane table was used exclusively.

Traverses Run:
PRONG - HOPE - 7 miles, closing error Plus 22 minutes; 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° 22-1/4', Longitude 167° 15', forms a conspicuous landmark. It suggests a buttress of a castle and may be distinguished 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 declinometer No. 194. No local variation was noted.
This declinometer was standardized at Green Lake Magnetic Station on April 20, 1936 at 2:18 P.M. It gave a reading of 23° 10'.

GEOGRAPHIC NAMES
"Lance Point" was obtained from the page proofs of the 1933 edition of Alaska Coast Pilot, Part II. This point is described as "Lake Point" in the book "Geographic Names of Alaska".

"South Islands" was obtained from Chart 8602, 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".

"Lake Eight" is suggested for the well defined open cove lying midway between "Double Point" and "Lance Point". Chart 8602, 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.

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 Eight". 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,

[Signature]

George A. Nelson,
Jr. H. & G. Engr.,

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.

[Signature]

A. M. Sobieralski,
Commanding Officer,
U.S.C. & G.S.S. SURVEYOR.
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Names underlined in red approved by [Signature] on 5/19/69.
MEMORANDUM
IMMEDIATE ATTENTION

SURVEY DESCRIBED REPORT 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.

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RETURN TO

82

\[Signature\]
DIVISION OF CHARTS

Section of Field Records

REVIEW OF TOPOGRAPHIC SURVEY NO. 6641 (1936) FIELD NO. B-38

Aleutian Islands, Unalaska Island, Huddle Rocks to Tower Point.
Surveyed in June - July 1936, Scale 1:20,000
Instructions dated February 3, 1936 (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 (1936-39) 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 6802 (New Print of Dec. 21, 1939).
   The chart is on such a small scale as to give only a general idea of the topography.

   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.

J. S. Brother
Chief, Division of Charts.

Raymond R. Eppman
Chief, Section of Field Work.

G. L. Nide
Chief, Division of H. & T.