

4957



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4957



Form 504 Rev. Dec. 1933	
DEPARTMENT OF COMMERCE U.S. COAST AND GEODETIC SURVEY R. S. PATTON, DIRECTOR	
DESCRIPTIVE REPORT	
Topographic Hydrographic	Sheet No. <u>FL-1</u>
U. S. COAST & GEODETIC SURVEY LIBRARY AND ARCHIVES DEC 3 1940 Acc. No.	
State <u>Aleutian Islands</u>	
LOCALITY <u>Umnak Island</u>	
<u>Vicinity of Mt. Vsevidof</u>	
1938 & 1939	
CHIEF OF PARTY <u>A.M. Sobieralski & Ray L. Schoppe</u>	

Applied to Chart 8802. December 5, 1940. L.A. M.
" " " 8861 Jan 1942 J.F.W.

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 No. FL-1

REGISTER NO. T4957

State ~~S. W. Alaska~~ Aleutian Islands

General locality ~~Unpak Island, Aleutian Islands~~

Locality vicinity of Mt. Vsevidof

Scale 1:20,000 Date of survey 1938 &, 1939

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

Chief of party A. M. Sobieralski & Ray L. Scheppe

Surveyed by J. C. T. Jr. & A. C. T.

Inked by G. W. B.

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

Contour, approximate contour Form line interval 100 feet

Instructions dated Feb. 3, 1938

Remarks: Project WT-218. Prepared in Seattle Processing

Office under supervision of A. M. Sobieralski.

DESCRIPTIVE REPORT

to accompany

Topographic Sheet FL-1 (Field Number)

T4957

Umnak Island

Vicinity of Mt. Vsevidof

Aleutian Islands, Alaska

U.S.C. & G.S.S. SURVEYOR

Ray L. Schoppe, Chief of Party

Season - 1939

INSTRUCTIONS

Project HT-218, instructions to Commanding Officer SURVEYOR,
dated February 3, 1938.

LIMITS OF SURVEY

This sheet shows the form lines in a small area at the junction
between T-6646 (1938) and T-6713 (1939) and also between T-6713 (1939) ✓
and T-4947 ¹⁹³⁷⁻ (1938).

The original survey was made on a piece of tracing paper which
is forwarded with the sheet. This tracing was originally prepared by
Lt. Tison, the topographer who surveyed the area covered by sheet T-6646
(1938) to show the junction with form lines on that survey. The upper
part of the tracing is a tracing of the form lines on sheet T-6646 (1938).
In addition, Lt. Tison traced the shoreline in detail between triangula-
tion stations KIGUSH and TEAPOT, which had been surveyed in 1938, except
for a very small section in the vicinity of triangulation station TEAPOT
at the junction of the two sheets.

The remainder of the tracing was prepared by Lt. A. C. Thorson,
the topographer who surveyed the area covered by sheet T-6713 (1939).

In order to make a permanent record of the data on this tracing
the topographic sheet was prepared in the Seattle Processing Office under
the supervision of Comdr. A. M. Sobieralski who was Chief of Party during
the course of the 1938 season.

The sheet contains the following information from the tracing,
additional to T-6646 ⁽¹⁹³⁸⁾ and T-6713 ⁽¹⁹³⁹⁾:

(a) Form lines from Mt. Vsevidof to ^{the 200 foot contour} the shore, between Lat. $57^{\circ} 07.55'$ and Lat. $57^{\circ} 08'$.

(b) Amendment to the shoreline in vicinity of triangulation station TEAPOT to reconcile junction between the two sheets. (T-6646 and T-6713)

This shoreline is in agreement with that shown on T-6713. The junction is satisfactory. Shoreline is shown on T-6713.

JUNCTION WITH T-4947 (1937-38)

The form lines in the area south of Lat. $57^{\circ} 07.55'$ as shown on the tracing are traced from T-6713. ⁽¹⁹³⁹⁾ However, in order to make a junction with T-4947 ⁽¹⁹³⁷⁻³⁸⁾ some amendment was necessary. It appears probable that the topographer made a mistake of 500 feet in interpreting T-4947, taking the 4500 foot curve for the 5000 foot, etc. It is therefore recommended that in the area covered by this sheet (Field No. FL-1), ^{T-4947 (1938-39)} the form lines supersede those shown on T-6713 and on T-4947. The amendment was made after studying the various sheets and photographs of the mountain. The form lines as shown on T-6713 disregard one of the determined elevations shown on T-4947.

The form lines as shown on T-4947 were the result of numerous cuts and careful study by various members of the party in ^{1937 and} 1938. In making the amendment, the delineation on the latter sheet was followed except where additional elevations indicated more information.

ELEVATIONS

There are several discrepancies in elevations, as listed below:

	<u>Elev.</u>	<u>Source</u>	<u>Elev.</u>	<u>Source</u>	<u>Accepted Elevation</u>
Mt. Vsevidof	6920	T-4947	6914	Tracing	6920 ✓
Station DUB 1938				Sheet W-39 (T-6713)	

	<u>Elev.</u>	<u>Source</u>	<u>Elev.</u>	<u>Source</u>	<u>Accepted Elevation</u>	
Station TEAPOT	288	T-6646	297	T-6713	288	✓
Lat. 53° 08.12'	1072	T-6646	1080	T-6713	1080	✓
Long. 168° 46.73'						
Lat. 53° 05.73'	522	T-6713	542 *	Tracing Sheet W (T-6713)	522	✓
Long. 168° 45.56'						
Lat. 53° 05.21'	536	T-6713	516 *	"	536	✓
Long. 168° 43.67'						
Lat. 53° 05.39'	1239	T-6713	1234 *	"	1239	✓
Long. 168° 43.23'						

These elevations are not within the area of T-4957 (1938-39)

The last three items appear to be mistakes in making the tracing. ✓

The elevation of Mt. Vsevidof was determined from numerous cuts from triangulation stations VSEV, NIGGER HEAD, etc., in 1938 as well as from topographic cuts, so that it is doubtful whether the 1939 determination is more accurate. *1938 work accepted.*

The elevation of triangulation station TEAPOT was determined from numerous topographic cuts in 1938 as 288 feet. The station is visible from relatively few points occupied in 1939, so it is assumed that the 1938 determination was more accurate. *1938 work accepted.*

The third item is probably visible from more points occupied during the 1939 season, so it is assumed that the 1939 determination was more accurate.

Respectfully submitted,

A. M. Sobieralski
A. M. Sobieralski,
Officer in Charge,
Seattle Processing Office.

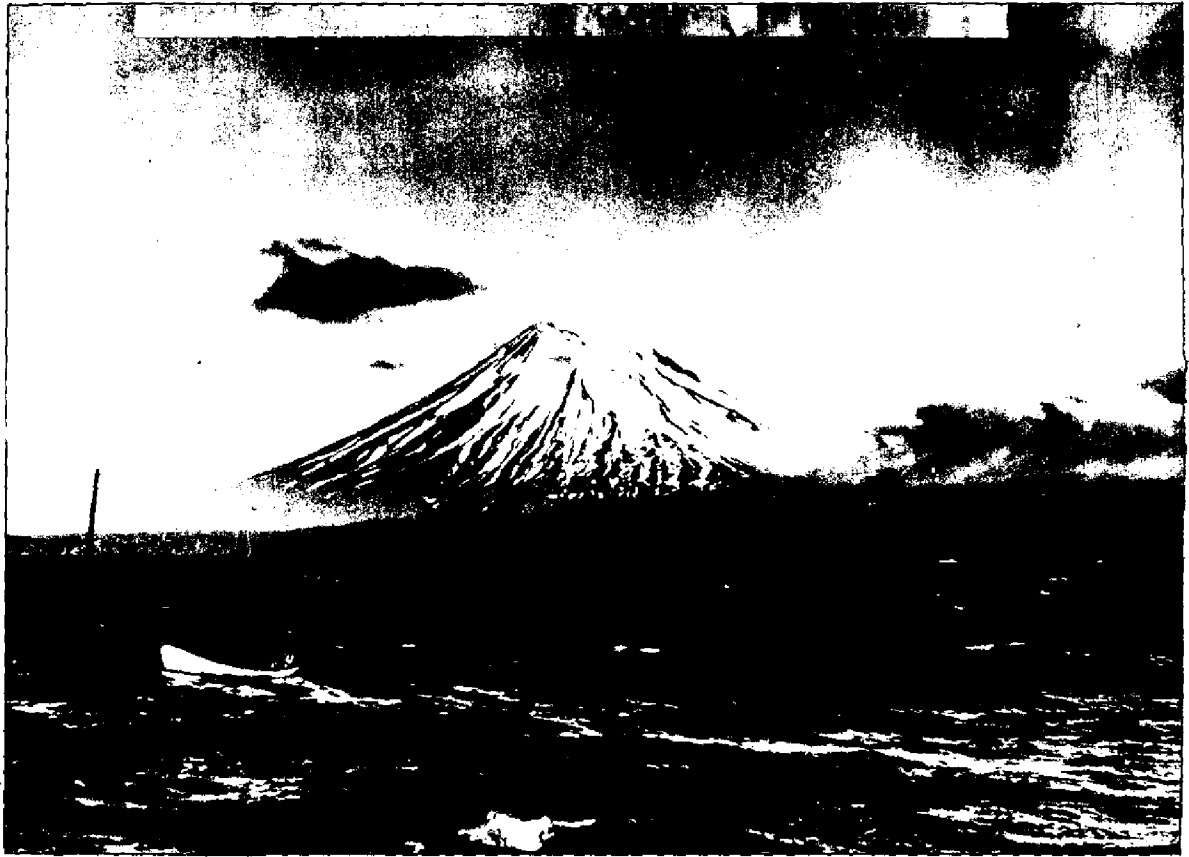
Remarks

Decisions

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GEOGRAPHIC NAMES
Survey No. **T4957**

GEOGRAPHIC NAMES											
Survey No. T4957											
Name on Survey											



"MT. VSEVIDOF"

MEMORANDUM

IMMEDIATE ATTENTION

SURVEY
DESCRIPTIVE REPORT
PHOTOSTAT OF

~~No. T~~

No. T **T4957**

received Nov. 30, 1940
registered Dec. 2, 1940
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	T. B. Reed
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✓ TBOR

DIVISION OF CHARTS

SURVEYS SECTION

REVIEW OF TOPOGRAPHIC SURVEY NO. T-4957 (1938-39) FIELD NO. FL-1

Aleutian Islands - Umnak Island, Vicinity of Mt. Vsevidof

Surveyed in 1938 and 1939, Scale 1:20,000

Instructions dated February 3, 1938 (SURVEYOR)

Plane Table Survey

Whatman's Paper

Chief of Party - A. M. Sobieralski and R. L. Schoppe

Surveyed by - J. C. Tison, Jr., A. C. Thorson

Inked by - G.W.B.

Reviewed by - H. F. Stegman

Inspected by - H. R. Edmonston

1. Junctions with Contemporary Surveys

Junctions with T-4947 (1937-38) on the east, T-6646 (1938) on the north, and T-6713 (1939) on the south-west are satisfactory. There are some differences in the form lines in the overlaps with T-4947 and T-6713. In such cases the present survey supersedes the form lines on the adjoining surveys. There are no contemporary surveys joining T-4957 on the southeast near Lat. $53^{\circ} 05'$, Long. $168^{\circ} 40'$.

2. Comparison with Prior Surveys

This Bureau has made no previous surveys in this area.

3. Comparison with Chart 8802 (Latest Print dated 11-1-40)

The charted elevation and position of Mt. Vsevidof are in agreement with the present survey. Charted shoreline and hachures in the vicinity of Cape Kigushimkade are in conflict with form lines on the present survey. T-4957 supersedes charted topography in the common area.

4. Condition of Survey

Satisfactory.

5. Compliance with Instructions for the Project

Satisfactory.

6. Additional Field Work Recommended

None.

7. Superseded Surveys

T-4947 (1937-38) In part, form lines only
T-6713 (1939) " " , " " "

Examined and approved:

Thos Reed

Chief, Surveys Section

J.S. Borden

Chief, Division of Charts

E.K. Green

Chief, Section of Hydrography

G. Hude

Chief, Division of Coastal
Surveys