

6460

~~CONFIDENTIAL~~

Form 504
Ed. June, 1928

DEPARTMENT OF COMMERCE

U. S. COAST AND GEODETIC SURVEY

R. S. PATTON, Director

U. S. COAST & GEODETIC SURVEY
LIBRARY AND ARCHIVES

APR 21 1936

State: ALASKA

Acc. No.

DESCRIPTIVE REPORT

Topographic

Hydrographic

} Sheet No. U-B-35

LOCALITY

SOUTH SIDE - SEDANKA ISLAND

ALEUTIAN ISLANDS

19 35

CHIEF OF PARTY

A. M. SOBIERALSKI, H. & G. E.

6460

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Applied to drawing of chart No. 8860.

S. B. Maize Jan 25 1937

Applied to drawing of chart No. 8802

S. B. Maize June 1937

Applied to chart Comp. 9018.

H. E. Mac Swen June 12, 1939.

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. U-B-35 6460

REGISTER NO.

State ALASKA

General locality ALEUTIAN ISLANDS

Locality SOUTH SIDE - SEDANKA ISLAND

Scale 1:20,000 Date of survey Aug. - Sept., 1935

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

Chief of Party A. M. SOBIERALSKI

Surveyed by H. C. APPLEQUIST

Inked by H. C. APPLEQUIST

Heights in feet above M.H.W. to ground ~~to tops of trees~~

~~Contours, Approximate contour,~~ Form line interval 100 feet

Instructions dated April 13, 1934

Remarks: _____

DESCRIPTIVE REPORT
to accompany
TOPOGRAPHIC SHEET NO. U-B-35 - SEDANKA ISLAND
SEASON -- 1935

U. S. C. & G. S. S. SURVEYOR -o- A. M. SOBIERALSKI, COMMANDING

Authority:

This survey was made under the Director's instructions dated April 13, 1934.

Extent:

This sheet covers the south side of Sedanka Island, Aleutian Islands.

General Description:

The island is mountainous and covered with grass and moss except on the cliffs, slides, rocky outcrops and some of the higher hills which are rocky. Cliffs are general along the shore.

There are two bays in this area, both of which are exposed to the southeast.

The point to the east of Udagak Strait is a double point. On the east point of this double point is a conspicuous sharp pinnacle (© Gad) about 100 feet high rising from the flat ledge forming the point.

Method of Survey:

The plane table and stadia were used with no deviations from standard methods.

The traverses closed well within the allowable limits.

Names:

The field party used the name Box Car Bay¹ for eastern Bay shown on this sheet. The name was suggested by the shape of the Bay.

Junctions:

A satisfactory junction was made with Topographic Sheet U-A-34 on the east at Δ station Sedan.

On the north this sheet joins Topographic Sheet U-B-34. The contours make the only junction with this sheet. The junction was satisfactory.

Junctions - continued:

On the west this sheet joins Topographic Sheet U-D-35. The same topographer surveyed this sheet.

Comparison with Hydrographic Sheet:

The hydrographer and topographer collaborated in comparing the detail shown on these sheets.

Miscellaneous:

The shoreline on the east side of Udagak Strait is shown on this sheet in pencil. It was roughly transferred from topographic sheet U-D-35 in order to show the relation of the contours to the shoreline.

On the north this sheet joins Topographic Sheet U-B-34. The contours make the only junction with this sheet. The junction was satisfactory.

Statistics:

Statute miles of shoreline..... 16.5

Are in square statute miles..... 16.0

Respectfully submitted,

H. C. Applequist
H. C. Applequist,
Aid

Approved & Forwarded:

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

Remarks

Decisions

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GEOGRAPHIC NAMES

Survey No. **T6460**

Name on Survey	Source										
	A	B	C	D	E	F	G	H	K		
	On Chart No.	On previous survey No.	On U.S. quadrant Maps	From local information	On local Maps	P. O. Guide or Map	Rand McNally Atlas				
Udagak Strait ✓	*		✓				-	✓			1
Sedanka Island ✓	*		✓		✓		✓	✓			2
Pacific Ocean ✓	*		✓		✓		-				3
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Names transcribed in red approved
 by *[Signature]* on 6/18/36

MEMORANDUM

IMMEDIATE ATTENTION

SURVEY
 DESCRIPTIVE REPORT } ~~No. H.~~
~~PHOTOSTAT OF~~ } No. T **6460**

{ received APR 21 1936
 registered MAY 20 1936
 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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✓ 25	<i>WSD</i>	<i>DP</i>
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RETURN TO

82	
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C. L. Green

REVIEW OF TOPOGRAPHIC SURVEY No. 6460

Title (Par. 56) *South Side of Sedanka Island, S.W. Alaska*Chief of Party *A.M. Sobieralski* Surveyed by *H.C. Applegquist* Inked by *H.C. Applegquist*

Ship Instructions dated Surveyed in

1. The survey and preparation for it conform to the requirements of the Topographic Manual. (Par. 7, 8, 9, 13, 16.) ✓
2. The character and scope of the survey satisfy the instructions. ✓
3. The control and closures of traverses were adequate. (Par. 12, 29.) ✓
4. The amount of vertical control that the Manual specifies for ~~centours-formlines-~~ was accomplished. (Par. 18, 19, 20, 21, 22, 23.) ✓
5. The delineation of ~~centours-formlines-~~ is satisfactory. (Par. 49, 50.) ✓
6. There is sufficient control on maps from other sources that were transmitted by the field party to enable their application to the charts. (Par. 28.) *None submitted*
7. High water line on ~~marshy and mangrove coast~~ is clear and adequate for chart compilation. (Par. 16a, 43, 44.) ✓
8. The representation of low water lines, reefs, ~~coral reefs~~ and rocks, and legends pertaining to them is satisfactory. (Par. 36, 37, 38, 39, 40, 41.) ✓
9. Rocks and other important details shown on previous surveys and on the chart were verified. (Par. 25, 26, 27.)

See reverse side

10. ~~The span, draw and clearance of bridges are shown.~~ (Par. 16e.)
11. Locations and elevations of summits are given. (Par. 19, 51.) ✓
12. The tree line was shown on mountains. (Par. 16g.)

No trees in this locality - Grass line shown

NOTE: Strike out paragraphs, words or phrases not applicable and modify those requiring it. Paragraph numbers refer to those in the Topographic Manual. Use reverse side for extending remarks.

Paragraph 9

T2544 (1901)

The present survey is on a scale of 1:20000, whereas T2544 is on 1:40000. The two surveys are in agreement in only a very general way. The present survey is much more in detail than T2544 as to islets, rocks and the entire shore line.

T6460 supersedes T2544 (1901) in part.

13. The descriptive report covers all details listed in the Manual, in so far as they apply to this survey. (Par. 64, 65, 66, 67.) ✓
14. ~~The descriptive report also contains additional information required in aero-topography relative to type of photographs, method of compilation and type of ground control.~~
15. The descriptions of recoverable stations and references to shore line were accomplished on Form 524. (Par. 29, 30, 57, 67 except scaling of DMS and DPS, 68.) *6 cards submitted*
16. A list of landmarks for charts was furnished on Form 567 and plotting checked. (Par. 16d, e, 60.) *None Submitted*
17. The magnetic meridian was shown ✓ and declination was checked. (Par. 17, 52.) *No indication of having checked declinaoire Declination at Δ Daga differs from that at Δ Sedan by 2°30'*
18. The geographic datum of the sheet is *Unalaska (Unadjusted)* and the reference station is correctly noted. (Par. 34.) ✓
Field Computations Values Used
19. Junctions with contemporary surveys are adequate.
Joins T 6244 (Form lines) on the North Joins T 6243 (1934) on the NE. All details south of Δ Sedan should be taken from T 6460 (See D.R. Review of T 6243)
Joins T 4935 (1935) on the West
20. Geographic names are shown on the sheet and are covered by the Descriptive report. (Par. 64, 66k.) ✓
21. The quality of the drafting is good. (Par. 31, 32, 33, 35, 36, 37, 38, 39, 40, 41, 42, 45, 46, 47, 48, 49, 50.) *Rock symbols are too small and notes to them not correctly stated as to datum*
22. No additional surveying is recommended. ✓
23. The Chief of Party inspected and approved the sheet and the descriptive report after review by ✓

24. Remarks:

Reviewed in office by

Chas. R. Bush Jr June 11, 1936

Examined and approved:

C. H. Green
Chief, Section of Field Records

L. O. Robert
Chief, Division of Charts

Fred. L. Peacock
Chief, Section of Field Work

G. H. Hude
Chief, Division of Hyd. and Top.