

6869

Diag. Ch. No. 8862

Form 504 Rev. April 1935	
DEPARTMENT OF COMMERCE U. S. COAST AND GEODETIC SURVEY	
DESCRIPTIVE REPORT	
Topographic Hydrographic	Sheet No. F - 41
U. S. COAST & GEODETIC SURVEY LIBRARY AND ARCHIVES MAR 26 1942 Acc. No. _____	
State Aleutian Islands, Alaska	
LOCALITY South side of Segum Island	
193/41	
CHIEF OF PARTY F. B. T. Siems	

U. S. GOVERNMENT PRINTING OFFICE 102221

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

applied to client 9102, before river June 10, 1942 G.H.S.

" " " 8862 " " July 24, 1942 JFW

" " " 8802 July 27, 1942 G.H.S.

DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY

TOPOGRAPHIC TITLE SHEET

REG. NO. T6869

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. F - 41

REGISTER NO. **T6869** Confidential

State ~~Alaska~~ Aleutian Islands

General Locality ~~Aleutian Islands~~

Locality South Side of Sequan Island

Scale 1:20,000 Date of survey August, September, 19 41

Vessel U.S.C. & G.S.S. Explorer

Chief of party F. B. T. Siens

Surveyed by K. S. Ulm

Inked by K. S. Ulm

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

Contour, Approximate contour, Form line interval 100 feet

Instructions dated Feb. 3, 19 ³⁸41

Remarks: _____

DESCRIPTIVE REPORT

to accompany

TOPOGRAPHIC SHEET ~~F-41~~ T-6869

U.S.C. & G. S. S. EXPLORER

F.B.T. Siems, H. & G. E.

Chief of Party

INSTRUCTION DATED

February 21, 1940, referring to instructions issued to ships Surveyor and Pioneer under date of February 3, 1938, project H218.

SCALE

1:20,000

LIMITS AND JUNCTIONS

South coast of Seguan Island from signal Moo, Latitude 52 degrees - 16.7', Longitude 172 degrees - 24.6', west to signal Lite, Latitude 52 degrees - 16.9', Longitude 172 degrees - 30.7'. Joined on the east by topographic sheet "G" - 41 and on the west by topographic sheet "D" - 41. ~~T-6867~~ T-6866

CONTROL

The control was furnished by triangulation established by the ship Pioneer in 1941.

GENERAL DESCRIPTION

The coast line for the most part is vertical lava cliffs ranging in height from 20 to 75 feet above mean high water with the exception of Lava Cove where there is a sand beach and a gravel beach around the point where triangulation station Point is located. There are several small streams flowing into Lava Cove.

SURVEY METHODS

Standard survey methods were used. A traverse was run from triangulation station Cove to signal Moo with a closing error of ten meters which was field adjusted. Another traverse was run from triangulation station Cove to triangulation station Burn with a closing error of 8 meters and was field adjusted. A traverse was run from triangulation station Burn to signal Lite with a closing error of 2 meters and was field adjusted.

2
T6869

FORM LINES

Due to limited visibility from the beach only a few plane table cuts for elevation were taken with the plane table. Form lines were sketched and sextant cuts taken for elevations from a motor sailor using three point fixes as control.

MAGNETICS

Declinatoire observation was taken at triangulation station Cove on August 17, 1941, at 11:15 a.m. with declinatoire # 252. Which has an index error of +4'. This observation is not in agreement with variation shown on the chart for the vicinity, which is probably due to large deposits of lava in the vicinity.

LAND MARKS

None.

COMPARISON WITH PUBLISHED CHART.

Due to small scale of chart 9102 no detailed comparison has been made.

GEOGRAPHIC NAMES ✓✕

It is recommended that the Cove shown on this sheet be called Lava Cove.

STATISTICS

Statute miles of shoreline	-	5.9
Area in square statute miles	-	9.1

Respectfully submitted,

Kenneth S. Ulm
Kenneth S. Ulm
Jr. H&G. Engr.

Approved and Forwarded

F.B.T. Siems
F.B.T. Siems
Commanding Officer
U. S. C. & G. S. S. Explorer

APPROVAL BY CHIEF OF PARTY

Topographic sheet ^{T-6869}~~F-41~~ has been inspected and approved
by me. The field work was done under my supervision. No
additional work is considered necessary.

F.B.T. Siens
F.B.T. Siens
Commanding Officer
U.S.C. & G. S.S. Explorer

Remarks

Decisions

1	For title only	520 715
2		520 720 0.268
3	Do not ink pending V.S.G.B. Decision = a new name	"
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GEOGRAPHIC NAMES

Survey No. **T6869**

Name on Survey	A, On Chart No.	B, On previous survey No.	C, On U. S. quadrangle Maps	D, From local information	E, On local Maps	F, P. O. Guide or Map	G, Rand McNally Atlas	H, U. S. Light List	K	
<u>Amukta Pass</u>										1
<u>Seguam Island</u>										2
Lava Cove										3
										4
										5
										6
										7
										8
Lava Point										9
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Names underlined in red approved
by L. Heck on 6/18/42

see coast pilot

MEMORANDUM

IMMEDIATE ATTENTION

SURVEY
DESCRIPTIVE REPORT
~~PHOTOSTATIC~~

~~No. 11~~

No. T **T6869**

received March 26, 1942
registered April 8, 1942
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	R. W. Knox
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W. R. Knox

DIVISION OF CHARTS

SURVEYS BRANCH

REVIEW OF TOPOGRAPHIC SURVEY

REGISTRY NO. 6869

Field No. F-41

Aleutian Islands, South Side of Segum Island
Surveyed August and September 1941; Scale 1:20,000
Instructions dated February 3, 1938

Plane Table Survey

Aluminum Mounted

Chief of Party - F. B. T. Siems

Surveyed by - K. S. Ulm

Inked by - K. S. Ulm

Reviewed by - G. F. Jordan

Inspected by - H. R. Edmonston, January 12, 1943

1. Junctions with Contemporary Surveys

Satisfactory junctions are made on the east with T-6866 (1941) and on the west with T-6867 (1941).

2. Comparison with Prior Surveys

This is an original survey and there are no prior surveys by this Bureau.

3. Comparison with Chart 8802 (Print of 8-31-42)

a. Topography

This chart is of such small scale that a comparison with the present survey is not feasible.

b. Magnetic Meridian

The magnetic observation differs by 7° with the charted value and is commented on in the Descriptive Report.

4. Compliance with Instructions for the Project

The survey complies with instructions with the exception that inland form lines were apparently prevented by cloudy weather and lack of time before end of the season.

5. Condition of Survey

Satisfactory.

6. Additional Field Work

The completion of form lines would be desirable whenever work is resumed in this area.

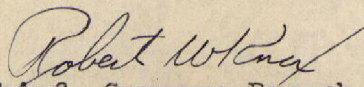
Some elevations
and form lines
added from data
submitted by
P.B.T. Siems.

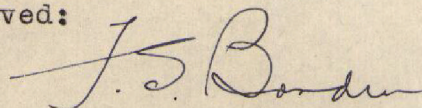
J.A.M. 1/29/44.

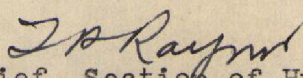
7. Superseded Surveys

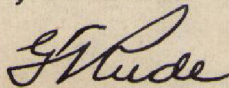
This is an original survey.

Examined and approved:


Chief, Surveys Branch


Chief, Division of Charts


Chief, Section of Hydrography


Chief, Division of
Coastal Surveys