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Form 504 Rev. April 1935	
DEPARTMENT OF COMMERCE U. S. COAST AND GEODETIC SURVEY	
DESCRIPTIVE REPORT	
Topographic Hydrographic	Sheet No. E-40 T 6748
U. S. COAST & GEODETIC SURVEY LIBRARY AND ARCHIVES MAR 3 1941 Acc. No.	
State Alaska	
LOCALITY	
West end of Chuginadak Island	
Islands of the Four Mountains,	
Alaska	
1940	
CHIEF OF PARTY	
J. H. Peters	

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

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. E-40

T6748

REGISTER NO. T6748

State ~~Alaska~~ Aleutian Islands

Islands Of Four Mountains

General locality ~~Aleutian Islands~~

Locality Chuginadak Island (West end)

Scale 1-20,000 Date of survey June, 1940

Vessel EXPLORER

Chief of party J. H. Peters

Surveyed by C. J. Wagner

Inked by C. J. Wagner

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

Contour, Approximate contour, Form line interval feet

Instructions dated February 3, 1938

Remarks:

DESCRIPTIVE REPORT

TO ACCOMPANY

TOPOGRAPHIC SHEET E-40

WEST END OF CHUGINADAK ISLAND

ISLANDS OF THE FOUR MOUNTAINS,

ALEUTIAN ISLANDS, ALASKA

SEASON OF 1940

- o -

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

J. H. Peters, Condg.

DESCRIPTIVE REPORT

to accompany

TOPOGRAPHIC SHEET E-40

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

J. H. Peters, H. & G.E., Chief of Party

INSTRUCTIONS DATED: February 21, 1940, referring to instructions issued to SURVEYOR & PIONEER under date of Feb. 3, 1938. Project No. 218.

LIMITS:

This sheet covers a portion of the shoreline on the west end of Chuginadak Island, Islands of Four Mountains, Aleutian Islands, Alaska.

GENERAL DESCRIPTION OF COAST

See descriptive report for sheet A-39 (PIONEER) written by Lieut. H. A. Paton for general description of island, as this sheet covers only the shoreline and adjacent area.

In general the shoreline is backed by lava bluffs and lava flows. Grass covered hills are found in the area from the north-limits of sheet to a line east of signal "Nig".

T-6746(1839)
φ 52-48.3
λ 170-00

The shoreline is generally fringed by kelp, the outer limits of which was located by the hydrographic parties.

LANDMARKS FOR CHARTS

No landmarks are submitted for this sheet.

CHARACTER OF CONTROL

The control is from the 1938 and 1939 triangulation executed by the U. S. C. & G. S. S. PIONEER, and based on the Unalaska 1901 datum.

SURVEY METHODS

Standard survey methods were used in this sheet. Three point fixes and resection furnished sufficient control to eliminate the need for traversing.

FORM LINING

The form lining was accomplished on sheet A-39 (PIONEER). 7-6746

MAGNETICS

The following declinoire observations were made, with the tabulated results.

Station	Date	Time	Variation
o Nig	June 24, 1940	2:20 p.m.	11°57' E charted variation 13°00' E
South of 4 Dak, 1938	June 16, 1940	4:30 p.m.	10°05'

The above observations were made with declinoire with alidade No. H 254, which was compared with transit declinometer No. 38979 and Compass Declinometer No. H. 11 on April 18, 1940, as follows:

Variation by compass decl. No. H-11 = 23°14.8' E.

Variation by transit decl. No. 38979 = 23°05.6' E.

Variation by declinoire No. 254 = 23°33' E.

JUNCTIONS WITH ADJACENT SHEETS

This sheet joins sheet A-39 ^{T-6746(1939)} (PIONEER) satisfactorily.

COMPARISON WITH PUBLISHED CHART

Due to small scale of chart 8802, no comparison is made.

GEOGRAPHIC NAMES ^{LH}

No new geographic names were assigned in the area covered by this sheet. *See Geographic Name sheet*

LIST OF PLANETABLE POSITIONS

See cards, form 524. *Filed with reviewing section*

GENERAL NOTE

No wild life was noted during the survey. At the north end of the bight to south of triangulation Low, a small waterfall was noticed but this dried up a few days later. This was the only fresh water noted along this stretch and is present only after a rain. The lava apparently is so porous that there is no run-off from the melting snow on this side of Mt. Cleveland.


STATISTICS

Statute miles of shoreline 7.2.

Respectfully submitted,


Clifton J. Wagner
Clifton J. Wagner
Jr. H. & G. Engr.,

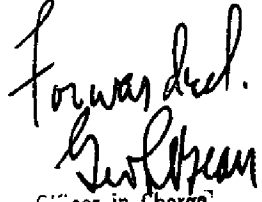
APPROVED AND FORWARDED:


J. H. Peters, H. & G. E.,
Chief of Party, C. & G. S.,
Commanding Ship EXPLORER

APPROVAL BY CHIEF OF PARTY:

Topographic sheet E-40 has been inspected and approved by me.
The field work was done under my supervision. No additional work
is considered necessary.


J. H. Peters, H. & G. E.,
Chief of Party


Forwarded.
G. L. Hansen
Officer in Charge,
Seattle Processing Office

Remarks

Decisions

1		525695 U.S.G.B
2	O.K. to ink pending U.S.G.B. action.	525700
3	For title	525695
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GEOGRAPHIC NAMES
Survey No. **T6748**

GEOGRAPHIC NAMES											
Survey No. T6748											
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>Chuginadak Island</u>										1	
<u>Chuginadak Pass</u>										2	
<u>Islands of Four Mountains</u>										3	
										4	
										5	
										6	
Names underlined in red approved by L. Heck on 6/18/42										7	
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MEMORANDUM

IMMEDIATE ATTENTION

SURVEY
DESCRIPTIVE REPORT
PHOTOSTAT OF

~~No. H~~

No. T

T6748

(Confidential)

received Mar, 3, 1941
registered Mar, 4, 1941
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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V JOR

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DIVISION OF CHARTS

SURVEYS SECTION

REVIEW OF TOPOGRAPHIC SURVEY

REGISTER NO. T-6748
Field No. E-40

Aleutian Islands, Islands of Four Mountains,
Chuginadak Island (West End)
Surveyed June 1940; Scale 1:20,600
Instructions dated February 3, 1938 and February 21, 1940

Plane Table Survey

Aluminum Mounted

Chief of Party - J. H. Peters
Surveyed by - C. J. Wagner
Inked by - C. J. Wagner
Reviewed by - R. H. Carstens
Inspected by - H. R. Edmonston, July 23, 1942

1. Adjoining Surveys

The present survey joins T-6746 (1939) on the east and north.

2. Comparison with Prior Surveys

No prior surveys of the area have been made by this Bureau.

3. Comparison with Chart 8802 (Latest print date 1-29-42)

A. Topography.

The charted topography originates with the present survey and, because of the small scale of the chart, only a general outline of the shore is shown.

B. Aids to Navigation.

There are no fixed aids to navigation within the area of the present survey.

4. Condition of Survey

Satisfactory.

5. Compliance with Instructions for the Project

Satisfactory.

6. Additional Field Work Recommended

None.

7. Superseded Surveys

None.

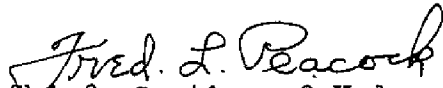
Examined and approved:



Chief, Surveys Section



Chief, Division of Charts



Chief, Section of Hydrography



Chief, Division of Coastal
Surveys