### DESCRIPTIVE REPORT

**Type of Survey** Photogrammetric Shoreline  
**Field No.** T-8443 thru  
**Office No.** T-8446  

**LOCALITY**  
**State** Alaska  
**General locality** Raspberry Strait  
**Locality** Northwest Entrance to Vicinity of  
**Relief Bay**  
**Year** 1941  

**CHIEF OF PARTY**  
L.C. Lander, Washington Office  

**LIBRARY & ARCHIVES**  
**DATE** June 4, 1950
DATA RECORD
T-8443
T-8444
T-8445
T-8446

Project No. (II): None
Quadrangle Name (IV):

Field Office (II):

Instructions dated (II) (III):

Chief of Party:

Copy filed in Division of Photogrammetry (IV)

Method of Compilation (III): Graphic

Manuscript Scale (III): 1:10,000
Stereoscopic Plotting Instrument Scale (III):

Scale Factor (III): 1.0

Date received in Washington Office (IV):
Date reported to Nautical Chart Branch (IV):

Applied to Chart No.
Date: Date registered (IV): 5-17-50

Publication Scale (IV):
Publication date (IV):

Geographic Datum (III): Valdez

Vertical Datum (III): MHW
Mean sea level except as follows:
Elevations shown as (1) refer to mean high water
Elevations shown as (2) refer to sounding datum
i.e., mean low water or mean lower low water

Reference Station (III):

Lat.: Long.: Adjusted

Plane Coordinates (IV):
State: Zone:

Y= X=

Roman numerals indicate whether the item is to be entered by (II) Field Party, (III) Photogrammetric Office, or (IV) Washington Office.

When entering names of personnel on this record give the surname and initials, not initials only.
Areas contoured by various personnel
(Show name within area)
(II) (III)
DATA RECORD

Field Inspection by (II): None Date:

Planetable contouring by (II): None Date:

Completion Surveys by (II): None Date:

Mean High Water Location (III) (State date and method of location):

Projection and Grids ruled by (IV): Ruling Machine (C.H.R.) Date: Sept. 1942
Projection and Grids checked by (IV): Washington Office Date: 1942
Control plotted by (III): Washington Office Date: 1942

Control checked by (III): Washington Office Date: 1942

Radial Plot by Washington Office Date: 1942-1943

Planimetry Date:

Stereoscopic Instrument compilation (III): Contours Date:

Manuscript delineated by (III): Washington Office Date: 1942-1943

Photogrammetric Office Review by (III):

Elevations on Manuscript checked by (II) (III):
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Reference Station:
Subordinate Station:
Subordinate Station:

Washington Office Review by (IV): **G. B. Willey**

Date: 30 March 1950

Final Drafting by (IV):

Drafting verified for reproduction by (IV):

Proof Edit by (IV):

Date:

Land Area (Sq. Statute Miles) (III):
Shoreline (More than 200 meters to opposite shore) (III):
Shoreline (Less than 200 meters to opposite shore) (III):
Control Leveling - Miles (II):
Number of Triangulation Stations searched for (II):
Number of BMs searched for (II):
Number of Recoverable Photo Stations established (III):
Number of Temporary Photo Hydro Stations established (III):

Remarks:
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SUMMARY TO ACCOMPANY SHORELINE MAPS
T-8443, T-8444, T-8445 & T-8446

Shoreline Map T-8443 covers the area of the Northwest Entrance to Raspberry Strait, Alaska, from Latitude 58°-07' to 58°-12'; and Longitude 153°-07' to 153°-14'; T-8444 covers the area of Raspberry Strait in the vicinity of Dolphin Point, from Latitude 58°-02' to 58°-07'; and Longitude 153°-07' to 153°-14'; T-8445 covers the area of Raspberry Strait in the vicinity of Muskomee Bay, from Latitude 58°-05' to 58°-09', and Longitude 153°-00' to 153°-07'; and T-8446 covers the area of Raspberry Strait in the vicinity of Selief Bay, from Latitude 57°-59' to 58°-05', and Longitude 153°-00' to 153°-07'.

These maps were radially plotted from 1:10,000 scale 9-lens photographs using acetate templates in continuous radial plot together with T-8443 and T-8450, covering the area of Raspberry Strait from Little Raspberry Island to Shelikof Strait, between Raspberry Island and Afognak Island, Alaska.

These maps were radially plotted and the detail delineated without field inspection of the photographs. However, the geodetic party marked some of the triangulation stations with whitewash that they might be visible on the photography, and as Graphic Control and Hydrographic Surveys had been accomplished in this area prior to the radial plot, the radial plot is believed to be in error no more than 1.5 mm. The detail is believed to be sufficiently accurate for smaller scale nautical charts, with the exception of the shoreline on T-8443 from Latitude 58°-10' to 58°-12, which was detailed from only two photographs.

The following comparisons were made with Graphic Control and Hydrographic Surveys, with no discrepancies noted:

T-8443: T-6840b (1:20,000) 1941, T-6840a (1:10,000) 1941
H-6691 (1:20,000) 1942, H-6680 (1:10,000) 1941

T-8444: T-6840a (1:10,000) 1941, T-6837b (1:10,000) 1941
H-6680 (1:10,000) 1941

T-8445: T-6837b (1:10,000) 1941, T-6836b (1:10,000) 1941
H-6680 (1:10,000) 1941, H-6679 (1:10,000) 1941

T-8446: T-6836b (1:10,000) 1941, T-6837a (1:10,000) 1941
H-6679 (1:10,000) 1941

Data pertaining to T-8443, T-8444, T-8445, and T-8446 is filed as follows:

A. Division of Photogrammetry General Files:
   1. Acetate Manuscripts.
B. Bureau Archives

1. Cloth backed lithographic prints of the reviewed map manuscripts at the compilation scale.
2. Registered original descriptive reports.

Reviewed by:

Gordon B. Willey
March 30, 1950

Approved by:

L.V. Griffith
Chief, Revis # Section \%\%
Division of Photogrammetry

H. Redmond
Chief, Nautical Chart Branch
Division of Charts

W.M. Scaife
Chief, Div. Coastal Surveys