**U. S. COAST AND GEODETIC SURVEY**  
**DEPARTMENT OF COMMERCE**

**DESCRIPTIVE REPORT**

<table>
<thead>
<tr>
<th>Type of Survey</th>
<th>Photogrammetric-Shoreline</th>
</tr>
</thead>
<tbody>
<tr>
<td>Field No.</td>
<td></td>
</tr>
<tr>
<td>Office No.</td>
<td>T-8450</td>
</tr>
</tbody>
</table>

**LOCALITY**

<table>
<thead>
<tr>
<th>State</th>
<th>ALASKA</th>
</tr>
</thead>
<tbody>
<tr>
<td>General locality</td>
<td>North End of</td>
</tr>
<tr>
<td>Locality</td>
<td>Raspberry Island</td>
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</tbody>
</table>

**1942**

**CHIEF OF PARTY**

Division of Photogrammetry  
Washington Office

**LIBRARY & ARCHIVES**

**DATE**  
April 18, 1950
DATA RECORD

T = 8450

Project No. (II): None

Quadrangle Name (IV):

Field Office (II):

Chief of Party:

Photogrammetric Office (III): Washington, D.C.

Officer-in-Charge: L. C. Lande

Division of Photogrammetry

Copy filed in Division of Photogrammetry (IV)

Method of Compilation (III): Graphic Compilation

Manuscript Scale (III): 1:10,000

Stereoscopic Plotting Instrument Scale (III):

Scale Factor (III): 1.0

Data received in Washington Office (IV):

Date reported to Nautical Chart Branch (IV):

Applied to Chart No.

Date:

Date registered (IV):

Publication Scale (IV):

Publication date (IV):

Geographic Datum (III): Valdez

Vertical Datum (III): MHW

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

Reference Station (III):

Lat.:

Long.:

Unadjusted

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.

Form T- Page 1

N-2518-12(4)
Areas contoured by various personnel
(Show name within area)
(II) (III)
DATA RECORD

Field Inspection by (II): None

Planetary contouring by (II):

Completion Surveys by (II):

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

Projection and Grids ruled by (IV): Ruling Machine

Projection and Grids checked by (IV): Washington Office

Control plotted by (III): Washington Office

Control checked by (III): Washington Office

Radial Plot or Stereoscopic: Washington Office

Stereoscopic Instrument compilation (III):

Planimetry

Contours

Manuscript delineated by (III):

Washington Office

Photogrammetric Office Review by (III):

Elevations on Manuscript checked by (II) (III):

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Camera (kind or source) (III): 9-Lens - U. S. C. & G. S.

PHOTOGRAPHS (III)

<table>
<thead>
<tr>
<th>Number</th>
<th>Date</th>
<th>Time</th>
<th>Scale</th>
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<tbody>
<tr>
<td>5998-6000</td>
<td>8/5/41</td>
<td></td>
<td>1:10,000</td>
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Tide (III)

<table>
<thead>
<tr>
<th>Reference Station:</th>
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<tbody>
<tr>
<td>Subordinate Station:</td>
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<tr>
<td>Subordinate Station:</td>
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</table>

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

Date: 3 March 1950

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): Recovered: Identified:

Number of BMs searched for (II):

Number of Recoverable Photo Stations established (III):

Number of Temporary Photo Hydro Stations established (III):

Remarks:
<table>
<thead>
<tr>
<th>Name on Survey</th>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
<th>E</th>
<th>F</th>
<th>G</th>
<th>H</th>
<th>K</th>
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</thead>
<tbody>
<tr>
<td>Raspberry Island</td>
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<td>Raspberry Strait</td>
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<td>Shelikof Strait</td>
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<td>Alaska</td>
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</tbody>
</table>

* = Declas. BCN
* = Approved Name
1-25-50
AJW.
Descriptive Report and Review

Summary to accompany Shoreline Map T-8450

Shoreline Map T-8450 covers the north end of Raspberry Island, Alaska, from Latitude 58°-05' to 58°-09' and from Longitude 153°-14' to 153°-21'.

This map was radially plotted from 1:10,000 scale 9-lens photographs using acetate templates in a continuous radial plot together with T-8443, T-8444, T-8445, T-8446, and T-8448, covering the area of Raspberry Strait from Little Raspberry Island to Shelikof Strait, between Raspberry Island and Afognak Island, Alaska.

This map was radially plotted and the detail delineated without field inspection of the photographs. However, the geodetic party marked some of the triangulation stations with white-wash that they might be visible on the photography taken the next season, 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 details is believed to be sufficiently accurate for smaller scale nautical charts.

A comparison was made with Graphic Control T-5940b (1:20,000) 1941, and with H-6680 (1:10,000) 1941 and with H-6681 (1:20,000) 1942. No discrepancies were noted.

Data pertaining to T-8450 is filed as follows:

A. Division of Photogrammetry General Files:
   1. Acetate manuscript
   2. Duplicate of the Descriptive Report

B. Bureau Archives:
   1. A cloth backed lithographic print of the reviewed map at the compilation scale
   2. Registered original Descriptive Report

Reviewed by:

Gordon B. Willey
March 3, 1950

Approved by:

S. V. Griffith
Chief, Review Section 4-1-2-50
Division of Photogrammetry

W. B. McHargue
Chief, Nautical Chart Branch
Division of Charts

W. J. Reading
Chief, Div. of Photogrammetry

W. M. Scife
Chief, Div. Coastal Surveys