

# 8450

Diag. Cht. No. 8556-2

Form 804

## U. S. COAST AND GEODETIC SURVEY

DEPARTMENT OF COMMERCE

### DESCRIPTIVE REPORT

Type of Survey Photogrammetric-Shoreline

Field No. \_\_\_\_\_ Office No. T-8450

#### LOCALITY

State ALASKA

General locality North End of

Locality Raspberry Island

1942

#### CHIEF OF PARTY

Division of Photogrammetry  
Washington Office

#### LIBRARY & ARCHIVES

DATE April 18, 1950

B-1870-1 (1)

8450

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  
*Graphic Compilation Section  
Division of Photogrammetry*  
Copy filed in Division of  
Photogrammetry (IV)

Instructions dated (II) (III):

Method of Compilation (III): Graphic Compilation

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):

Publication Scale (IV):

Publication date (IV):

Geographic Datum (III): Valdez

Vertical Datum (III): MHW

Mean sea level except as follows:  
Elevations shown as (25) 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~~  
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.


Areas contoured by various personnel  
(Show name within area)  
(II) (III)

# DATA RECORD

Field Inspection by (II): **None**

Date:

Planetable contouring by (II):

Date:

Completion Surveys by (II):

Date:

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

*Date of photographs*

Projection and Grids ruled by (IV): **Ruling Machine**

Date: **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 or ~~Stereoscopic~~  
~~Control Extension by (II):~~

**Washington Office**

Date: **1942**

Stereoscopic Instrument compilation (III):

*Planimetry*

Date:

*Contours*

Date:

Manuscript delineated by (III): **Washington Office**

Date: **1942**

Photogrammetric Office Review by (III):

Date:

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

Date:

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

Number	Date	PHOTOGRAPHS (III) Time	Scale	Stage of Tide
5998-6000	8/5/41		1:10,000	

Tide (III)

Reference Station:  
Subordinate Station:  
Subordinate Station:

Ratio of Ranges	Mean Range	Spring Range

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

Date: 3 March 1950

Final Drafting by (IV):

Date:

Drafting verified for reproduction by (IV):

Date:

Proof Edit by (IV):

Date:

Land Area (Sq. Statute Miles) (III):

Shoreline (More than 200 meters to opposite shore) (II):

Shoreline (Less than 200 meters to opposite shore) (II):

Control Leveling - Miles (II):

Number of Triangulation Stations searched for (II):

Recovered:

Identified:

Number of BMs searched for (II):

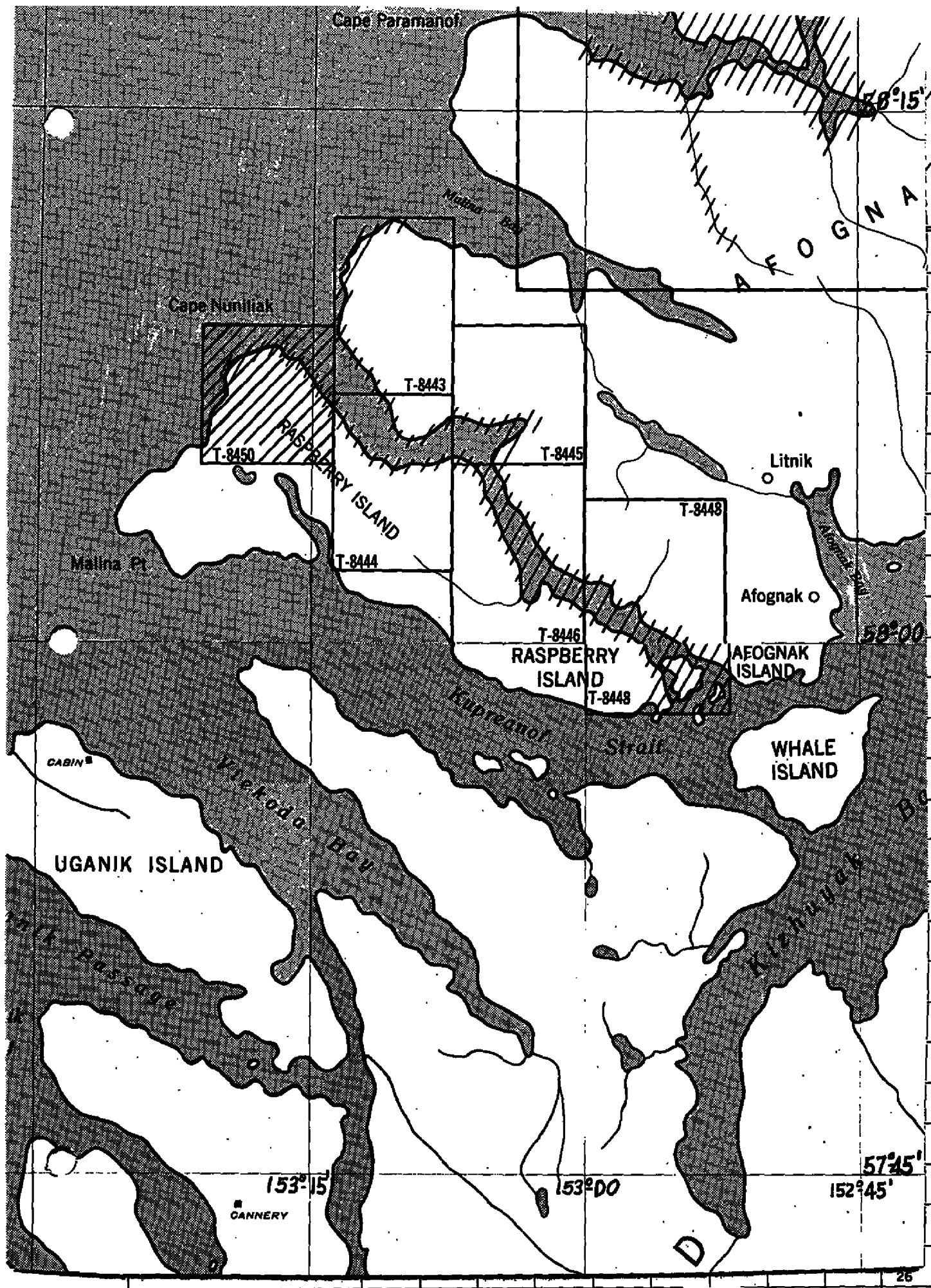
Recovered:

Identified:

Number of Recoverable Photo Stations established (III):

Number of Temporary Photo Hydro Stations established (III):

Remarks:



# GEOGRAPHIC NAMES

Survey No.

T-8450

Name on Survey

	On Chart No.	On previous survey No.	On U. S. quadrangle Maps	From local information	On local Maps	P. O. Guide or Map	Rand McNally Atlas	U. S. Light List	
A	B	C	D	E	F	G	H	K	
Raspberry Island •									1
Raspberry Strait •									2
Shelikof Strait.									3
Alaska*.									4
									5
									6
									7
									8
									9
									10
									11
									12
									13
									14
									15
									16
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									19
									20
									21
									22
									23
									24
									25
									26

\* = Decis. BGN

• = 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-6840b (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  
Gordon B. Willey  
March 3, 1950

Approved by:

S. V. Griffith  
Chief, Review Section B 4-12-50  
Division of Photogrammetry

H. Edmundson  
Chief, Nautical Charts Branch  
Division of Charts

O. S. Reading  
Chief, Div. of Photogrammetry

W. M. Scaife  
Chief, Div. Coastal Surveys