

8467

Diag. Cht. No. 8802

Form 504

U. S. COAST AND GEODETIC SURVEY

DEPARTMENT OF COMMERCE

DESCRIPTIVE REPORT

Type of Survey Photogrammetric-Topographic

Field No. \_\_\_\_\_ Office No. T-8467

LOCALITY

State Alaska

General locality Alaska Peninsula

Locality Paul and Jacobs Islands

194 1

CHIEF OF PARTY

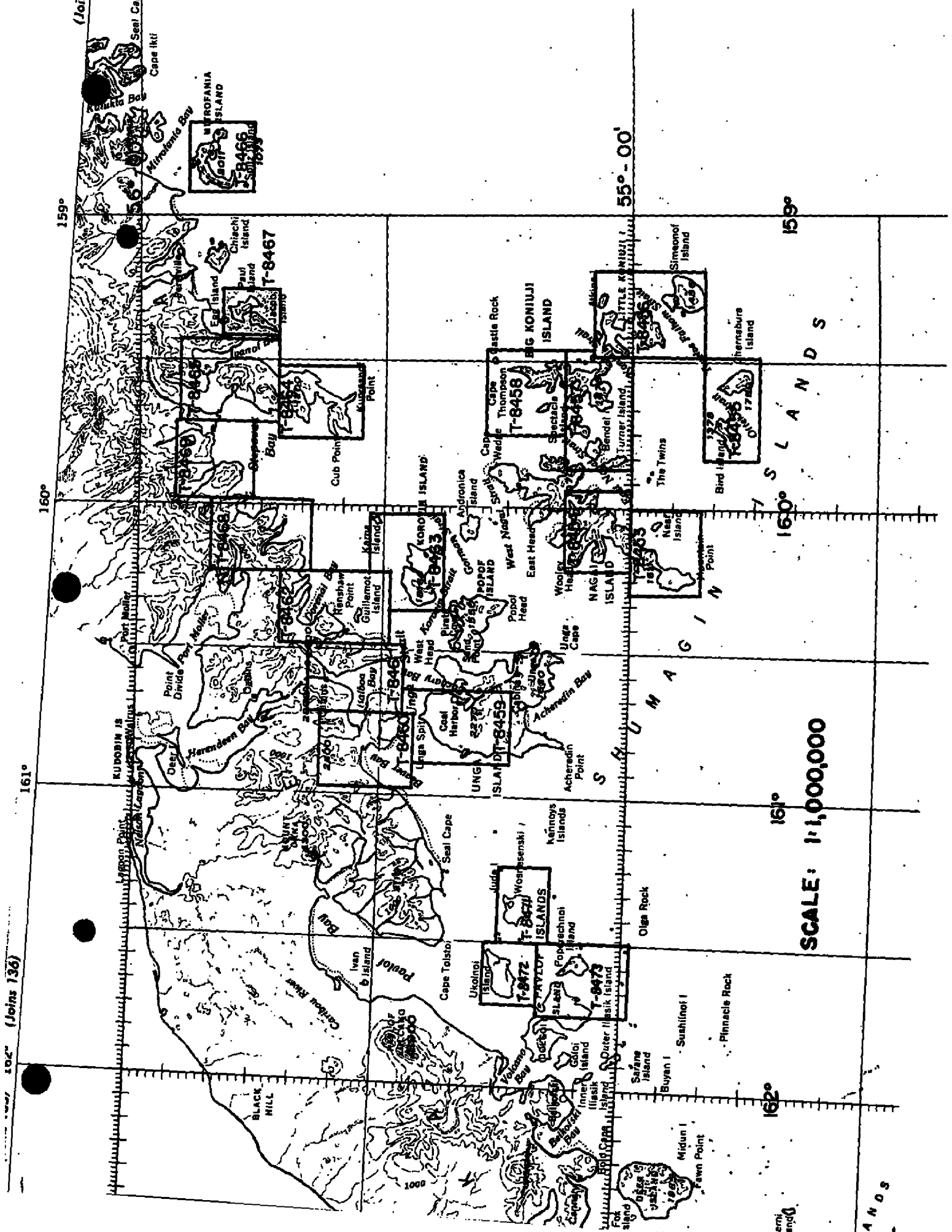
R.W. Knox, Chief of Section  
Washington Office

LIBRARY & ARCHIVES

DATE February 27, 1950

B-1870-1 (1)

8467



162° (Joins 136)

161°

160°

159°

(Joins 137)

162°

161°

160°

159°

55° - 00'

SCALE: 1:1,000,000

KURIL ISLANDS

UMAGIN

ANDS

Summary to Accompany T-8467

Preliminary topographic map T-8467 covers Paul Island, Jacob Island and the southeastern end of Egg Island, south of the Alaska Peninsular, extending in Latitude from  $55^{\circ}-43'$  to  $55^{\circ}-49'$  and in Longitude from  $159^{\circ}-16'$  to  $159^{\circ}-24'$ .

This sheet was radial plotted and delineated<sup>in 1944</sup> without benefit of field inspection of any kind.

Topographic map T-8830 (1:10,000 scale) Project CS-319, covers the area of Paul and Jacob Islands, and topographic map T-8829 (1:20,000) covers the entire area of Egg Island. When reviewed and registered T-8829 and T-8830 will supersede T-8467.

Data pertaining to T-8467 is filed as follows:

A. Division of Photogrammetry General Files:

1. Acetate manuscript.

B. Bureau Archives:

1. A cloth backed lithographic print of the reviewed map at the compilation scale. (1:10,000)
2. Registered original descriptive report.

Gordon B. Willey  
1 December 1949

DESCRIPTIVE REPORT

SHEET T-8467

Paul and Jacob Islands  
Alaska Peninsula  
Scale 1:10,000

March 30, 1944

in 1944

This sheet was compiled from 1:10,000 scale nine lens aerial photographs printed on low shrink paper. The radial line method with transparent hand templets was used without the aid of field inspection. Underlined elevations of mountain peaks were obtained from the triangulation records, and elevations not underlined were derived from measurements on the photographs. The radial plot was made at 1:10,000 scale utilizing all the control which appeared on the photographs. Fourteen photographs were used, their numbers being 6280 to 6293, inclusive, and the date of photography was August, 1941.

The shoreline was delineated with stereoscope without field inspection. The time and tide were not used because of the low tide range, lack of tide data, and the precipitous nature of the shore whose position could be affected but slightly by small tide changes.

The control consisted of eleven Coast and Geodetic Survey triangulation stations, determined in 1914. The stations are listed as follows: (*Unalaska Datum*)

|        |                           |
|--------|---------------------------|
| Leader | Lum                       |
| Mer    | Rock                      |
| Rid    | Rock off Alexandria Point |
| Jacob  | Rock East of Paul Island  |
| Bet    | Pole and Flag             |
| Nub    |                           |

Since none of the stations could be positively identified from the descriptions, the radial plot was not forced to fit any station or stations, but all stations except Jacob held within 1.0 mm. Stations Mer and Rid served only to hold direction because they were so near the line of flight of the photographs on which they appeared. The station Leader served to fix the latitude of the southern extremity of Jacob Island although it appeared on only one photograph.

*G. C. Tewinkel*

G. C. Tewinkel  
March 30, 1944

Reviewed by:

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Gordon B. Willey 12/1/49

Under direction of:

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