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Form 504	
DEPARTMENT OF COMMERCE SURVEY	
U. S. COAST AND GEODETIC SURVEY L. & A.	
APR 1 1927	
Acc. No.	
State: S. E. ALASKA.	
11-5613	
DESCRIPTIVE REPORT.	
Topographic	Sheet No. 4262
LOCALITY:	
Long Island - Dall Island	
Kaigani Strait.	
1916	
CHIEF OF PARTY:	
F. B. T. Siems.	

DESCRIPTIVE REPORT
to accompany
KAIGANI STRAIT TOPOGRAPHIC SHEET.

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DESCRIPTIVE REPORT

to accompany

KAIGANI STRAIT TOPOGRAPHIC SHEET.

This survey joins Register 3313 on the north and connects with the NATOMA's work of 1925 at triangulation CLIFF and SPOT on the south. It was made under the Director's orders dated March 9th, 1926.

GENERAL DESCRIPTION OF COAST: The hills are in general densely wooded to an elevation of 1800 feet and the shores are without exception wooded to the waters edge.

OFF SHORE DANGERS: These include several rocks baring at various stages of the tide and are sufficiently described on the sheet.

LANDMARKS FOR CHART: A small wooded island, elevation 90 feet to tops of trees, about one half mile from the east shore at latitude $54^{\circ} 49.9'$, longitude $132^{\circ} 44.7'$ approximately, is easily distinguishable from its surroundings because of the dark green color of the foliage of the trees thereon. The dark appearance, almost black at a short distance, is due to the absence of dead trees. The island may be further identified having triangulation station SHORT on it.

METHOD OF SURVEY: The survey was made by planetable and stadia, the control being the triangulation established in 1925. In addition, three triangulation stations were established in American Bay and two in Pond Bay.

The three point fix was used almost exclusively since the two shores practically paralleling each other at a distance of about a mile made this very convenient.

A traverse was run into Bolles Inlet from two directions. It checked within the required limits and was adjusted. There are two entrances to this Inlet but both are rapids, one going dry at low tide.

The signals used in hydrography established in previous surveyed areas at the northwest part of Kaigani Straits were located by sextant ~~Cuts~~ and plotted on a new projection which accompanies this sheet. Sextant topography of the Channel Island was also

* For sextant cuts, see Vol. #3, H-46226 — H. W. M.
2/19/34

accomplished to connect former surveys. The positions of the signals are considered more accurately determined by sextant than by location on the warped planetable sheet and the former positions are therefore used on the hydrographic smooth sheet.

ELEVATIONS: Elevations are given in feet above ordinary high water. The height of trees is taken as 60 feet and in the case of wooded hills is shown in parenthesis.

George A. Nelson

George A. Nelson,
Topographer.

Approved
J. B. Williams
Chief of Party.

DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY

TOPOGRAPHIC TITLE SHEET

The finished Topographic Sheet is to be accompanied by the following title sheet, filled in as completely as possible, when the sheet is forwarded to the Office.

Field letter R

U. S. Coast and Geodetic Survey.

Register No. ⁴²⁶²**4262**

State S. E. ALASKA.

General locality . . LONG ISLAND - DALL ISLAND

Locality KAIGANI STRAIT

Chief of party . . . F. B. T. SIEMS.

Surveyed by GEORGE A. NELSON

Date of survey . . . APRIL - MAY, 1926.

Scale 1:20,000.

Heights in feet above Ordinary High Water.

Contour interval . 100 . feet.

Inked by . G. A. N. . . Lettered by . G. A. N.

Records accompanying sheet (check those forwarded): Photographs,

Descriptive report, Horizontal angle books, Field computations,

Data from other sources affecting sheet

Remarks:

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