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Form 504
DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY
State: <u>SE. Alaska</u>
11-5013
DESCRIPTIVE REPORT.
<u>Topographic</u> Sheet No. <u>4166</u>
LOCALITY:
<u>Chichagof I.-W. Coast</u>
<u>Outer Rocks to Edward Is.</u>
<u>1925</u>
CHIEF OF PARTY:
<u>A.M. Sobieralski</u>

DESCRIPTIVE REPORT
TOPOGRAPHIC SHEET NO. _____

S. E. ALASKA
WEST COAST OF CHICHAGOF ISLAND
OUTER ROCKS TO POLE PT.

U.S.C. & G.S. STR. SURVEYOR

A. M. SOBIERALSKI COMMANDING

SEASON 1925

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TOPOGRAPHIC REPORT TO ACCOMPANY SHEET NO. 1 (Field No.)

Register No. _____

This sheet extends from Outer Rocks to Pole Pt. and includes everything seaward from the outside edge of the chain of islands forming the western side of Ogden Passage.

- GENERAL DESCRIPTION -

The shore line is rocky and wooded almost to the high water line. The whole area is filled in with breakers, rocks and small islands. The outer rocks and islands are a granite formation with a varying degree of whiteness.

The islands are wooded with spruce and fir with a small amount of deciduous trees, mostly underbrush.

- DETAIL DESCRIPTION -

Outer Rocks, the southernmost rocks at the entrance to Khaz Bay, are two rocky islands, the higher being 150 meters inshore and a little north of the outermost rock which is 20 feet high. They are uniform and moundlike in shape and furnish good landmarks.

Granite Isles, is the suggested name because of the granite formation, for a group of high wooded islands. They are very close together, not more than 50 meters at the widest part and resemble one large flat topped island, one half mile long and 300 meters wide, from any direction, except the South West. The southernmost; 120 feet high is the highest of the group.

Black Island is a small wooded island $2\frac{1}{2}$ miles North West of Outer Rocks, having a group of bare islands south of it and two small rocks, 6 feet at high water, 1500 meters due west. It is 100 meters by 150 meters but only a small portion on the southwestern end is wooded.

It is a very useful landmark and can be distinguished easily because of the absence of wooded islands in the vicinity.

TOPOGRAPHIC REPORT TO ACCOMPANY SHEET NO. 1 (Field No.)

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Myriad Islands, suggested name, is a large group of islands of varying sizes, the largest being one mile long and one half mile wide. They have no special characteristics, being fairly uniform in elevation and have narrow channels between them which are unfit for use by even small boats, for these channels are rocky and in most cases have a large amount of kelp and sea weed.

White Sisters are three outlying rocks of a distinct white color, the larger two almost joining together and appear as one. They are the southern ones; are 61 feet at the highest point and 250 meters in diameter. The smallest island is 200 meters north, about half the size of the other two combined and 35 feet high.

Goose Passage is the suggested name for pass leading from the southern end of Myriad Islands into Cape Edward Passage. *Named by GR, "Tawak Passage."*
JWN

Cape Edward Passage is the local name for passage leading from Kukkan Bay to Ogden Passage. It's width is 115 meters at the narrowest part.
Named by AB, "Kukkan P."
JWN

- SURVEY METHODS -

The control for this work was from the north. Stations; Goose, White, Black, Gray and Outer were located from stations, Edward and Doolth. The positions of Snipe Box, Clear and Egg were obtained by assuming their discrepancy to be the mean of that obtained by relocation of stations Outer and Shot.

The topography was done almost entirely by plane table except a few rocks and breakers between stations Outer and Gray which were located by sextant fixes. The three point fix was used several times and in each case a check was obtained by traversing to a triangulation station. The longest traverse ran from Δ Edward to Δ Box, checked within 15 meters.

The outermost rocks were located by at least three cuts.

During the period of surveying this area, the sea was unusually calm and it was impossible to locate but a few breakers.

Respectfully submitted,

A. B. Jankowski

Aid, C. & G. Survey

- LIST OF PLANE TABLE POSITIONS -

<u>Object</u>	<u>Lat.</u>	<u>Sec-Meters</u>	<u>Long.</u>	<u>Sec-Meters</u>	<u>Height</u>	<u>Remarks</u>
Reo	57 - 35	756	136 - 08	867	30	Largest tree on Id.
Ax	57 - 35	767	136 - 11	312	25	Tree on Pt. slats nailed on.
Bark	57 - 36	321	136 - 11	478	20	Dead Tree on Pt.
Yap	57 - 39	430	136 - 13	979	25	Highest Pt. on Id.

12 ft on T. 466.

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.

4166

U. S. Coast and Geodetic Survey.

Register No. 4166

State . . . ~~South East~~ ^{SE} Alaska

General locality . . . ~~West Coast of Chichagof Island~~ ^{Chichagof I. ~ W. Coast}

Locality . . . ~~Outer Rocks to Pole Point~~ ^{Edward Is.}

Chief of party . . A. M. Sobieralski

Surveyed by . . A. F. Jankowski

Date of survey . . Season 1925

Scale . . . 1-10,000

Heights in feet above ~~Mean High Water~~

Contour interval . 100 . feet.

Inked by A.F.Jankowski . Lettered by A.F.Jankowski

Records accompanying sheet (check those forwarded): Photographs,

Descriptive report, ☒ Horizontal angle books, Field computations,

Data from other sources affecting sheet

Remarks: