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| Form 504 | |
| DEPARTMENT OF COMMERCE | |
| U. S. COAST AND GEODETIC SURVEY | |
| State: <u>SE. Alaska</u> | |
| 11-5013 | |
| DESCRIPTIVE REPORT. | |
| Topographic | Sheet No. ^A <u>4327</u> |
| LOCALITY: | |
| <u>Dall Island</u> | |
| <u>High Pt. and Vic. of Coco Harbor</u> | |
| | |
| | |
| 1927 | |
| CHIEF OF PARTY: | |
| <u>H. A. Cotton</u> | |

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LIMITS -

The survey includes the shore line and islands from High Point to the head of Coco Harbor. The limits of the work are Latitudes $55^{\circ}-00$ and $55^{\circ}-04$; and Longitude $132^{\circ}-57$ and $133^{\circ}-07$.

CONTROL-

Five new and two old triangulation stations furnished the control. The work terminated at triangulation stations.

ELEVATIONS-

Elevations are to the tops of trees except in the case of off lying bare rocks. All elevations are above mean high water.

METHODS -

The shore line was surveyed by plane table traverse by C. K. GREEN. Points on off lying Islands were located by resection on triangulation stations, and a traverse run around the Island. Plane table triangulation was carried into the head of Coco Harbor from triangulation stations, "Coco" and "In"

CHARACTER OF SHORE LINE -

The shore line in general is steep (except at head or bights) and is rock ledge or boulders. A dotted low water line, not otherwise marked, indicates rock ledge.

DESCRIPTION OF COUNTRY -

The land areas are heavily wooded with Hemlock, Spruce, and Cedar trees extending down to the high water line. In general, the land rises steeply from the shore, making elevations and form lines difficult to obtain from the long narrow Inlets.

No villages are within the area of the sheet. There are three abandoned shacks in Coco Harbor.

No large streams are within the areas surveyed.

Names -

The names used on the sheet are those found on previous Coast Survey Charts, or those used locally.

BAYS AND ANCHORAGES -

The best small boat anchorage is in the south arm of the head of Coco Harbor.

The topography of the country is such that stiff wind squalls sweep across the water areas of the sheet, even on fine days.

DISCREPANCIES BETWEEN THIS AND PREVIOUS SURVEYS -

As the old survey of Tlevak Strait did not show Reef Islands correctly they were re-surveyed on this sheet.

STATISTICS

| | |
|--|-----|
| Statute miles shore line - highwater | 26 |
| " " " low water | 16 |
| Area - square statute miles | 14 |
| Number of Elevations | 152 |
| Number of Recoverable Stations | 12 |
| Triangulation | 7 |
| Plane Table | 5 |
| Position occupied | 78 |

Examined, approved and forwarded,

Respectfully submitted,

Harold A. Cotton

Harold A. Cotton,
Hyd. & Geo. Engineer
C. & G. Survey
Commanding Str EXPLORER

Chas. K. Green

Chas. K. Green,
H. & G. Engineer

Inspected and found adequate.

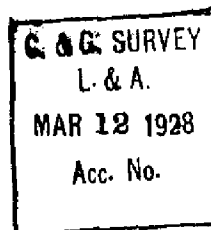
E. P. Ellis

May, 1927

LIST OF RECOVERABLE PLANE TABLE POSITIONS

| Object & Description | Latitude & Longitude | Seconds in Meters | Height ft | Remarks |
|---|----------------------------|-------------------------|--------------|--|
| <u>CAT</u> - On rock ledge 300 m. from head of Coco Harbor and on north side near H.W. | 55-02 133-04 | 1455 736 | 3 | Marked note 2 |
| <u>Me</u> - Highest point bare rock 100 meters from north shore, half way to head of Coco Harbor | 55-02 133-03 | 1366 94 | 12 | Described form 524 Marked note 2 |
| <u>ED</u> - Black outcrop between two small streams at S.E. side of head of Windy Cove | 55-00 133-01 | 1466 787 | 8 | Described form 524 Marked note 2 |
| <u>ED</u> - On N.E. point of 80 meter wooded Islet off east side of Inlet one mile south of Reef Islands | 55-00 132-59 | 1534 682 | 8 | Described form 524 Marked note 2 |
| <u>OUT</u> - Rock covered at high water off east side entrance Windy Bay | 55-01 133-01 | 1460 542 | 0 | |

DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY



REG. NO. 4327

TOPOGRAPHIC TITLE SHEET

The Topographic Sheet should be accompanied by this form, filled in as completely as possible, when the sheet is forwarded to the Office.

Field No. A

REGISTER NO. 4327

State S. E. ALASKA

General locality ~~TELEAK STRAIT~~ E. Dall Island

Locality ~~COCO HARBOR~~ High Pt. and Vic. of Coco Harbor

Scale 1: 10,000 Date of survey MAY AND JUNE, 1927

Vessel EXPLORER

Chief of Party HAROLD A. COTTON

Surveyed by C. K. GREEN

Inked by C. K. GREEN

Heights in feet above HIGH WATER ~~to ground~~ to tops of trees

Contour, Approximate ~~contour~~ ^{interval}, Form line interval 100 feet

Instructions dated FEBRUARY 18, 1927

Remarks: