DEPARTMENT OF COMMERCE
U.S. COAST AND GEODETIC SURVEY

State: S.E. Alaska

DESCRIPTIVE REPORT.

Topographic Sheet No. 4332

Locality:
Keku Strait, North End
Pt. Camden to Pt. Hamilton

1927

Chief of Party:
H.A. Cotton
LIMITS -

This sheet covers the shore line of Keau Strait (North entrance) from Point Camden to Point Hamilton. The sheet was laid out to include Hamilton Bay, which was not surveyed on account of insufficient time. The head of the north arm of Big John Bay is included, as it does not fall on the next sheet south. The limits of the work are, Latitudes 56°-46' and 56°-55'. Longitudes 133°-46' and 134°-05'.

CONTROL -

Fourteen new triangulation stations furnished the control. The work terminated at triangulation stations with the exception of the entrance to Port Camden, where the shore lines ended at two marked topographic stations. (Wes and Cam)

ELEVATIONS -

Elevations are to the tops of the trees except in the case of off lying bare rocks. All elevations are above mean high water; on account of much low wooded country, the land areas could not be covered with form lines.

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 Islands.

Topographic stations "Wes" was located by a cut from triangulation "Pup" and a resection on triangulation station "Luck". Pointings to more distant stations fell as much as 12 meters away from the station, due to distortion of the sheet. The position of "Wes", as shown, is from the two nearest triangulation stations. This intersection is almost a right angle. When control is carried into Port Camden, "Wes" will no doubt be made a triangulation station.

CHARACTER OF SHORE LINE -

The shore line in general is rock ledge when steep-to, and loose rocks, gravel, or rock ledge when the low water area is extensive.

A dotted low water line, not otherwise marked, indicate rock ledge. On account of the extensive low water flats, practically all of the low water was rodded in at or near zero tide. The large low water areas in the bays are all made up of a combination of rocks, gravel, and mud.
ROCKS -

The rock about midway between Pup Island and Round Island is about 20 meters in diameter and bares two feet at zero tide. This is the "P.D." rock on chart S2200. The reported "reef", off Point Camden is probably the two rocks two thirds of the way out to Pup Island. These rocks bare at 3 tide, and are shown as "P.D." on chart S200. The various low water rocks off the west shore were located on a minus 3 foot tide. The sunken rock half mile off triangulation station "Son" was seen on a minus 3 foot tide, and a sounding taken which was carefully reduced to 14 feet as shown on the sheet.

DESCRIPTION OF COUNTRY -

The land areas are heavily wooded with Hemlock, Spruce, and Cedar trees, the trees extend down to the high water line. Except where the form lines are shown, the land areas are low. The 1840 foot elevation shown 2 miles west of Kadak Bay, is only a shoulder of high country (between 2000 and 3000 feet) several miles off the sheet.

No villages are within the areas of the sheet. A few Indian shacks are near the entrance to Kadak Bay and a few fox farm buildings (abandoned) on the south west side of Round Island.

Mr. Cole runs a fox farm on the island half mile S.E. of triangulation station "Hill".

NAMES -

The names used are those found on previous Coast Survey Charts, or those furnished by the Forestry Service, and Natives of the Pass.

BAYS AND ANCHORAGES -

Da-Ka-Neek Bay is the best anchorage for small boats and is used considerably by herring boats and trollers. The boats anchor in about 3 fathoms.

Small boats anchor off the entrance to Kadak Bay, and good shelter in southerly weather can be had in the bay two miles north of Kadak Bay.
STATISTICS

Statute miles along line - high water ......................... 62
" " " low water ........................................... 25
Area - square statute miles .................................... 13
Number of elevations ........................................... 49
Number of recoverable triangulation stations ............... 12
" " plane table .............................................. 6
Positions occupied ............................................. 131

Examined, approved and forwarded, Respectfully submitted,

Harold A. Cotton, Chas. K. Green
Hyd. & Geo. Engineer Hyd. & Geo. Engineer
C. & G. Survey C. & G. Survey
Commanding Stm EXPLORER

Inspector and Sound officiate

E. Prisc

May 21, 1928
<table>
<thead>
<tr>
<th>Object and Description</th>
<th>Latitude °</th>
<th>Seconds</th>
<th>Height ft</th>
<th>Remarks</th>
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<td>DEB - Conspicuous lone rock</td>
<td>56-50</td>
<td>1642</td>
<td>2</td>
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<tr>
<td>6 feet diameter</td>
<td>133-46</td>
<td>974</td>
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<tr>
<td>FAN - Highest part off-lying rock</td>
<td>56-46</td>
<td>558</td>
<td>3</td>
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<td></td>
<td>133-55</td>
<td>512</td>
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<tr>
<td>CAM - Edge of tree line, rock outcrop</td>
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<td>302</td>
<td>4</td>
<td>Described form 524 Marked note 2</td>
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<tr>
<td></td>
<td>133-55</td>
<td>337</td>
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<tr>
<td>WES - N.E. point of small wooded Islet</td>
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<td>10</td>
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<td>133-56</td>
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<tr>
<td>LIG - Highest part rock out crop 20 meters off high water line</td>
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<td>327</td>
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<td>133-51</td>
<td>930</td>
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<td>BIG - Highest part conspicuous rock</td>
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<td>1518</td>
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DEPARTMENT OF COMMERCE  
U.S. COAST AND GEODETIC SURVEY  

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. M

REGISTER NO. 4332

State  S. E. ALASKA

General locality  KACHUU STRAIT, North End

Locality  KACHUU ISLAND, Camden to Pt. Hamilton

Scale  1: 20,000  Date of survey AUGUST - SEPTEMBER, 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 tops of trees
Contour, Approximate interval 100 feet
Instructions dated  FEBRUARY 18, 1927
Remarks:-------------

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