DESCRIPTIVE REPORT

TOPOGRAPHIC SHEET " " CANOE BAY

U.S.C. & G.S.S. PIONEER

R. R. LUKEKNS Cmandg.

LIMITS AND EXTENT: This sheet on a scale 1:20,000 represents the shore line of Canoe Bay from the entrance to the head of the Bay and extends from north Latitude 55-30 to 55-36 and west Longitude 161-01 to 161-25.

CONTROL AND SURVEY METHODS: The following points of control were located by primary triangulation [Albert J. Hoskinson, 1924] Trap, Half, Top, Point, Not, Low, Half, Nob, Bay, New, and Near.

The shore line and Hydrographic signals were located by plane table traverse between triangulation signals. In the lower portion of the Bay there were signals enough so that a good check by resection or the three point problem could be obtained on all traverses. In the upper portion of the Bay where there were no control points a traverse was run from \( \triangle \) Bluff around to \( \triangle \) Low, the closing error was 25 meters which was equally distributed throughout the traverse. The control points for the form lines were located by at least three cuts from shore stations and the elevation from at least two stations.

GENERAL DESCRIPTION OF SHORE LINE: The entire shore line of Canoe Bay is a sand or gravel beach with an occasional short stretch of low cliffs or steep grass covered bluffs.

ISLANDS: There are three small grass covered islands to the westward of Point, elevation about thirty feet.

LANDMARKS: The black point, location \( \triangle \) Point.

Old volcanic crater, elevation 3,000 feet Latitude 55-38, Longitude 161-12.5

Narrow dark ridge, elevation 1280 feet, location \( \triangle \) Top.

ANCHORAGE: Small craft may anchor in any of the small bights along the northern shore with good protection and good holding ground. The southern shore is rocky and should be avoided. The tide runs very strong through the entrance at flood and ebb estimated maximum velocity of about 5 knots.

INSHORE DANGERS: The bight to the westward of \( \triangle \) Point is shoal inside of islands and should be avoided.

Respectfully Submitted,

by

ALBERT J. HOSKINSON
Canoe Bay

List of Distances on Meridians and Distances on Parallels.

<table>
<thead>
<tr>
<th>NO.</th>
<th>NAME</th>
<th>LATITUDE</th>
<th>LONGITUDE</th>
<th>NOTES</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Ray</td>
<td>55 35° 14'50&quot;</td>
<td>161° 21' 704&quot;</td>
<td>W.W.Rock</td>
</tr>
<tr>
<td>2</td>
<td>Put</td>
<td>55 36° 28'56&quot;</td>
<td>161° 19' 735&quot;</td>
<td>Tripod signal</td>
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<tr>
<td>3</td>
<td>Nat</td>
<td>55 34° 69'00&quot;</td>
<td>161° 16' 145&quot;</td>
<td>&quot;</td>
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<tr>
<td>4</td>
<td>Lit</td>
<td>55 34° 49'16&quot;</td>
<td>161° 15' 318&quot;</td>
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<tr>
<td>5</td>
<td>Tia</td>
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<td>161° 14' 337&quot;</td>
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<tr>
<td>6</td>
<td>Won</td>
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<td>161° 14' 380&quot;</td>
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<td>An</td>
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<td>161° 14' 1021&quot;</td>
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<td>Jack</td>
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<td>161° 16' 856&quot;</td>
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<td>161° 17' 208&quot;</td>
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<tr>
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<td>161° 17' 165&quot;</td>
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<td>161° 17' 116&quot;</td>
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DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY
WASHINGTON  February 11, 1925.

SECTION OF FIELD RECORDS

Report on Topographic Sheet No. 4079
Canoe Bay, Alaska Peninsula
Surveyed in 1924
Instructions dated February 8, 1924.

Chief of Party, R. R. Lukens:

Surveyed and inked by A. J. Hoskinson.

✓ 1. The records conform to the requirements of the General Instructions.
✓ 2. The plan and character of the survey conform to the requirements of the General Instructions.
✓ 3. The plan and extent of the survey satisfy the specific instructions except possibly upon one point. 25-foot contours were called for on areas that are suitable for town sites. Only 100-foot contours are shown on this sheet although it contains several areas that look like suitable town sites.
✓ 4. The junctions with the adjoining sheets are satisfactory.
✓ 5. Attention is called to the fact that the shores of Canoe Bay contain several areas that might serve for airplane landings.
✓ 6. No further surveying is required in the area covered by this sheet, unless towns or airplane landings are located there.

7. The character and scope of the surveying and field drafting are excellent.

✓ 8. Reviewed by E. P. Ellis, February, 1925.

Approved-

[Signature]

[Date]
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.

U. S. Coast and Geodetic Survey.

Register No. 4079.

State S.W. Alaska.

General locality Alaska Peninsula

Locality Canoe Bay.

Chief of party R.R. Lukens.

Surveyed by Albert J. Hoskinson.

Date of survey Aug. & Sept. 1924.

Scale .1:20,000.

Heights in feet above Mean sea level.

Contour interval 100. feet.

Inked by A.J.H. Lettored by A.J.H.

Records accompanying sheet (check those forwarded): Photographs,

Descriptive report, Horizontal angle books, Field computations,

Data from other sources affecting sheet.

Remarks: