

4079

Form 504  
DEPARTMENT OF COMMERCE  
U. S. COAST AND GEODETIC SURVEY

SOUTHWEST ALASKA  
State: \_\_\_\_\_

11-5613

DESCRIPTIVE REPORT.

Topog. \_\_\_\_\_ Sheet No. 4079

LOCALITY:

Alaska Peninsula

Canoe Bay

1924

CHIEF OF PARTY:

R. R. Lukens

Applied to ch. 8704 (extension of limits) I.M.A. Mar. 6, 1943

# DESCRIPTIVE REPORT

## TOPOGRAPHIC SHEET " " CANOE BAY

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

R. R. LUKENS Cmmdg.

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 55-38 and west Longitude 161-01 to 161-25.

CONTROL AND SURVEY METHODS: The following points of control were located by ~~Primary~~ <sup>Secondary</sup> Triangulation (Albert J. Hoskinson, 1924) Trap, Half, Top, Point, Not, Low, Bluff, 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  $\Delta$  Bluff around to  $\Delta$  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  $\Delta$  Point.

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

Narrow dark ridge, elevation 1280 feet, location  $\Delta$  Top.

ANCHORAGES: 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  $\Delta$  Point is shoal inside of islands and should be avoided.

Respectfully Submitted,

by  
ALBERT J. HOSKINSON

R.R. Lukens  
Cmmdg.

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

R. R. LUKENS  
Chief of Party

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Canoe Bay

List of Distances on Meridians and Distances on Parallels.

TOPOGRAPHIC SHEET \_\_\_\_\_

CANOE BAY.

NO.	NAME	LATITUDE			LONGITUDE			NOTES.
		°	'	"	°	'	"	
1	Ray	55	35	1450	161	21	704	W.W.Rock
2	Put	55	36	2860	161	19	735	Tripod signal
3	Nat	55	34	680	161	16	145	"
4	Lit	55	34	496	161	15	318	W.W.Rock
5	Tia	55	33	536	161	14	337	Tripod signal
6	Won	55	32	1632	161	14	380	"
7	An	55	32	1034	161	14	1021	W.W.Rock
8	Jack	55	32	700	161	16	856	Tripod signal
9	Ter	55	32	1243	161	17	208	W.W.Rock
10	Sis	55	32	1649	161	17	165	"
11	Can	55	33	25	161	17	116	Tripod signal
12	Dun	55	33	310	161	17	182	"
13	Wash	55	33	660	161	17	348	W.W.Rock
14	Set	55	32	1196	161	18	838	Tripod signal
15	Isle	55	33	738	161	18	694	W.W.Rock
16	Try	55	34	20	161	20	537	Tripod signal
17	Get	55	34	1195	161	20	855	W.W.Rock
18	Ben	55	35	128	161	21	382	"
19	End	55	35	1287	161	21	593	"

DEPARTMENT OF COMMERCE  
U. S. COAST AND GEODETIC SURVEY

WASHINGTON February 11, 1925.

SECTION OF FIELD RECORDS

Report on Topographic Sheet No. 4079

Canoë 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 Canoë 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 -*  
*A. L. G.*  
*J. J. J.*

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.

U. S. Coast and Geodetic Survey.

Register No. <sup>4079</sup> ~~4079~~

State S.W. Alaska . . . . .  
General locality Alaska Peninsula  
~~Pavlof Bay~~ . . . . .  
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. . . . Lettered 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: