

4031

NOV 15 1923

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

State: ALASKA
11-5613

DESCRIPTIVE REPORT.

Topographic Sheet No. 4031 (6)

LOCALITY:

S. W. Alaska, Shelikof Strait
~~Shelikof Strait, Kodiak Bay~~

Wide Bay, Western Part

1923

CHIEF OF PARTY:

H. A. Seran, H. & J. Eng

4031

Approved.
H. A. Seran
Comdr

DESCRIPTIVE REPORT

(To Accompany Topographic Sheet No. 6. Kialagvik Bay, Southern End)

Instructions dated February 11, 1923.

LIMITS OF SHEET

The topography included in this sheet covers the shore line of the southern half of Kialagvik Bay, from Station Northeast Base, southwest to the southern end of the bay, thence northeast to a point on the mainland approximately south of Station Titcliff. From this point the topography extends northeast to Channel Rock, including the shore line of five large and four small islands which form the eastern boundary of the bay. This sheet joins the topographic sheet of the Northern end of the bay at Station Northeast Base.

GENERAL CHARACTERISTICS OF SHORE LINE

The western shore from Station Northeast Base to the southern end of the bay has a gradually sloping sand and gravel beach immediately back of which the land is comparatively flat and covered with grass. The beach on the eastern side of the bay is more precipitous and from this the land rises almost directly to 1500 and 2000 foot peaks. The shore line of the islands between the mainland and Channel Rock consists chiefly of steep rocky cliffs rising directly from the water to heights of from fifty to one hundred and eighty feet, with occasional grassy valleys running to the beach.

INSHORE DANGERS

The shore on the western side of the bay is apparently free of reefs or other dangers except the ledge that makes out just south of Northeast Base. On the eastern side of the bay reefs make out from almost every point on the islands as shown on the sheet, and are covered at high water.

SURVEY METHODS

The usual plane table methods were used in the execution of the sheet. Three point fixes were obtainable at nearly all points and practically no traverse was needed.

NEW PLACE NAMES

Kialagvik Bay is locally known as Wide Bay, which name is in general use among all the inhabitants of this vicinity. The names Terrace Island, Hartman Island and Titcliff Island, as shown on the sheet, are local names and are shown on the land office and claim maps of this region. Their derivation is unknown.

Respectfully Submitted,

John A. Bond
Jr. H. & B. Eng.

LIST OF PLANE TABLE POSITIONS

OBJECT	Lat.	D.M.	Long.	D.P.	Height	
Rock	57 20	170	156 16	489	20 ft	Prominent pinnacle
Rock	57 20	154	156 16	947	20 ft	Prominent pinnacle

AND REFER TO No. 4-DEM

DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY

WASHINGTON

November 10, 1923.

SECTION OF FIELD RECORDS

Report on Topographic Sheets 4031, 4032 and 4033

Wide and Portage Bays, Alaska

Surveyed in 1923

Date of instructions, Feb. 21, 1923

Chief of Party, H. A. Seran.

Surveyed by J. A. Bond (4031), P. H. White (4032) and F. E. Joekel (4033)

Inked by J. A. Bond, P. H. White and F. E. Joekel.

1. The records of all three sheets conform to the requirements of the General Instructions.
2. The plan and extent of development fulfill the requirements of the General Instructions. ~~It should be noted, however, that none of the sheets and descriptive reports give any indication of the character of the forest growth.~~ *Not timber*
- ✓ 3. The plan and extent of the surveys satisfy the specific instructions.
- ✓ 4. The field drafting was completed to the extent prescribed by the General Instructions.
- ✓ 5. The junctions of the sheets are satisfactory.
- ~~6. Mt. Bocharof is probably a useful landmark and cuts should have been taken to its summit.~~
- ✓ 7. No further surveying is required within the area covered by these surveys, except that there is a deficient area in the form lines on Cape Kayakliut which should be supplied when work is resumed to the westward.
8. The character and scope of ~~both~~ the surveying *are good* and field drafting *is* ~~are~~ excellent.
9. Reviewed by E. P. Ellis, November, 1923.

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. 4031 6

State ALASKA

General locality . S. W. Alaska, Shelikof Strait

Locality ~~Kialuk~~ Wide Bay - Western Part

Chief of party . . H. A. Seran, H. & G. Eng.

Surveyed by . . . John A. Bond, Jr., H. & G. Eng.

Date of survey . . August 1923

Scale 1 : 20,000

Heights in feet above . Mean tide level

Contour interval . 100 feet.

Inked by J. A. Bond . . Lettered by J. A. Bond

Records accompanying sheet (check those forwarded): Photographs,

Descriptive report, Horizontal-angle books, Field-computations,

Data from other sources affecting sheet

Remarks: