

4032

Department of Commerce

U. S. Coast and Geodetic Survey

State: Alaska

DESCRIPTIVE REPORT

Topographic Sheet No. 5-4032

Locality:

Kialagvik (Wide) Bay,

Shelikof Strait,

S. W. Alaska, Shelikof Strait

Wide Bay, — Eastern Part

1923

Chief of Party:

H. A. Seran, H. & G. Eng.

Approved
H. A. Seran
Comdr

Descriptive Report)

To accompany Topographic Sheet No. 5⁽⁴⁰³⁾, Kialagvik Bay, Shelikof Strait, S.W. Alaska
Executed under Instructions to Commanding Officer, U.S.S. Discoverer dated 2/21/23

Limits and Connections.

The area covered by this sheet is included within the following limits:

N. Lat.	57-19	57-25	57-33	57-27
W. Long.	156-19	156-27	156-06	155-59

The sheet is drawn to the scale of 1 - 20,000 and includes the shore line of Wide Bay and adjacent islands from Cape Igvak southwestward to a line drawn west true through Channel Rock. Connection was made at a point on the south shore of Cape Igvak with Topographic Sheet # 4 of Portage Bay, and at A North East Base with Topographic Sheet # 6 covering the southwest half of Wide Bay. Both connecting sheets are of the current season's work.

General Characteristics.

The shore line along Cape Igvak is very rugged, consisting of high rocky cliffs with reefs extending out for some distance along the entire length, with mountains 2000 feet high rising from the water's edge. From the inshore end of Cape Igvak the topography flattens out, low bluffs and sandy beaches occur in succession until Lee's Cabin is reached, westward of which the shore line is entirely sandy beach. The islands shown on this sheet are with one exception approximately fifty feet high, rise abruptly from the water's edge, and are grass-covered. The small island close to Cape Igvak on which O Hump is located consists of three grass-covered humps connected by low spits.

Survey Methods.

The plane table work on the sheet was done entirely by use of the three-point problem and resection, no traverse being run. The form lines are drawn with an interval of 100 feet.

Habitation.

The shores of the bay are uninhabited, with the exception of two cabins located on the northwest shore of the bay, known as Lee's Cabins and occupied at various times by prospectors, packers, surveyors, etc. These cabins are located directly in line with main entrance channel to the bay.

New Place Names.

The names, Mt. Shannon, Des Moines Creek, Big Creek, and Pass Creek are of generally accepted local use and have been placed by the U. S. Geological Survey on their maps of this region. Coal Point is also a name in local use. East Channel Island is a name given by the officers of the Coast Survey. Although the name Kialagvik Bay is used on the charts of the Coast Survey, Wide Bay is the term applied by the people of this region in preference to the Russian name.

Respectfully submitted,

Philip H. White
Philip H. White, Aid

List of Plane Table Positions.

Object and description	Lat.	D.M.	Long.	D.P.	Height
Hump (O mark on south hump of island)	57-25	956	156-05	570	20 ft.
● Bil (stack on larger of two cabins)	57-25	1100	156-18	812	20 ft.
Pin (pinnacle rock)	57-25	1656	156-13	265	50 ft.
MA (small rocky islet off East Ghan. I.)	57-24	1128	156-11	474	15 ft.

DEPARTMENT OF COMMERCE.

U.S. COAST AND GEODETIC SURVEY November 10, 1923.

WASHINGTON

SECTION OF FIELD RECORDS

Report on Topographic Sheets 4031, 4032 and 4033 *Good*

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.~~ *No 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. Becharof 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 and field drafting~~ *are good* ^{as} ~~are excellent.~~
9. Reviewed by E. P. Ellis, November, 1923.

Approved-
A. L. G.
F. 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. 4032 ⁵

State ~~S.W.~~ Alaska
S.W. Alaska

General locality [^] Shelikof Straits

Locality . . . Wide Bay - Eastern Part

Chief of party . H. A. Seran, Lt.-Comdr.

Surveyed by . P. H. White, Aid.

Date of survey . July 30 -- Sept. 8, 1923,

Scale . 1 = 20,000.

Heights in feet above high water.

Contour interval . 100. . feet.

Inked by . P. H. White . Lettered by P. H. White

Records accompanying sheet (check those forwarded): Photographs,

✓ Descriptive report, Horizontal angle books, Field computations,

Data from other sources affecting sheet

Remarks: