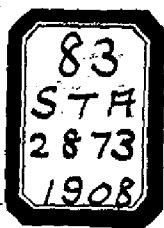


2873 2873a



2873 & 2873^a

Department of Commerce and Labor
COAST AND GEODETIC SURVEY

C. H. Tittmann
Superintendent.

State: *Alaska*

DESCRIPTIVE REPORT.

Topographic Sheet No. ²⁸⁷³_{2873^a}

LOCALITY:

*Western shore of
Afognak Island
Shelikof Strait*

1908

CHIEF OF PARTY:

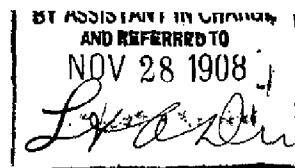
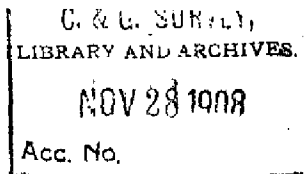
W. C. Dibrell

C. & G. SURVEY,
LIBRARY AND ARCHIVES.

NOV 28 1908

Acc. No.

2873



Descriptive Report to Accompany Topographic Sheet No. 2873
(Field No. 2.), western shore of Afognak Island, Shelikof Strait,
Alaska. Scale 1: 20,000.

On this sheet is mapped the shore line and adjacent topography from Alimvoak Bay to Paramanof Bay. It joins topographic sheet No. 1. (field number) at its southern limit. From this point it covers a stretch of about $3 \frac{3}{4}$ statute miles to the entrance to Paramanof Bay and extends about $1 \frac{3}{4}$ miles into the bay.

Ordinary plane table methods were employed in the field work, the sheet being used without a projection. Owing to press of other work, the sheet is forwarded to the office without a projection having been constructed. The topography has been adjusted between stations Man Δ (Sup.) and Glass \odot . The coordinates of the former are finished by the triangulation of this party, and the coordinates of the latter may be taken from topographic sheet No. 1. From this data a projection can readily be constructed and oriented. The approximate geographical position of "Man" is latitude $58^{\circ} - 18' N.$, longitude $153^{\circ} - 03' W.$

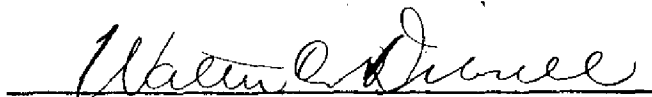
One hundred foot contours show the configuration of the land to a distance of about one mile from the shore line. Elevations are ⁱⁿ feet, above high water. The western part of the peninsula lying between Alimvoak and Paramanof Bays is characterized by two high ridges, trending easterly and westerly, separated by a valley through which discharges a small stream. The ends of the two ridges are marked by steep, rounded slopes. The land is for the most part covered with grass, but bare rocks show in places. There is no timber. From the north-western part of the headland a low tongue of

(2)

land extends about half a mile from the foot of the mountain and terminates in a sharp point. Station "Man" is near the end of this point. A rocky reef lies on the north side of the point just within Paramanof Bay. A small portion about one half mile off shore bares at low water.

The sheet includes Cape Paramanof, but it is not clear to just what part of the headland the name should be applied.

Respectfully submitted,

A handwritten signature in cursive script, reading "Walter Q. Dineen", is written over a horizontal line.

Assistant, C. & G. Survey,
Chief of Party.

2873a

DESCRIPTIVE REPORT TO ACCOMPANY TOPOGRAPHIC SHEET

NO. 2873^a (FIELD NO. 3), BLACK CAPE, WESTERN SHORE OF
AFOGNAK ISLAND, SHELIKOF STRAIT, ALASKA. SCALE 1:20 000.

On this sheet is shown a small amount of topography at the end of Black Cape. This work was done in order to facilitate the adjustment of this point of land upon the chart.

No projection was constructed for this sheet. Two triangulation points, Black Cape and Point (Sup.) are plotted upon the sheet at the proper distance apart according to scale, and the topography is oriented by the line joining these stations. A projection can readily be constructed, knowing the coordinates of the two triangulation points. It was the intention to transfer this work to Sheet No. 2, but owing to the press of other work at the end of the season this has not been done.

The extremity of Black Cape is sharp, low and grassy. The shore line is irregular and rocky, and for the most part abrupt. There are a numbers of rocks, submerged and showing a short distance off shore.

The Cape consists of a narrow ridge rising gradually from the end for a distance of about 2 miles to a rounded bald knob, upon the highest part of which is Black Cape Δ . The ridge is heavily timbered with spruce (hence its name), excepting, as may be inferred from above statements, near the end and over the knob-shaped summit. One-hundred-foot contours show in a general way the slope up to the triangulation station.

Respectfully submitted,

Walter C. Dineen

Ass't., C. & G. Survey,

Chief of Party.

NAUTICAL CHARTS BRANCH

SURVEY NO. J. 2873

Record of Application to Charts

[illegible]

M-216B-1

A basic hydrographic or topographic survey supersedes all information of like nature on the uncorrected chart. Give reasons for deviations, if any, from recommendations made under "Comparison with Charts" in the Review.

Applied to Chart No.

8534, by James W. McGuire. (1935).