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3417

3417

C. & G. SURVEY,  
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DEC 10 1913  
Acc. No. \_\_\_\_\_

Department of Commerce and Labor  
COAST AND GEODETIC SURVEY

\_\_\_\_\_  
Superintendent.

State: \_\_\_\_\_

DESCRIPTIVE REPORT.

*Top.* \_\_\_\_\_ Sheet No. *3417.*

LOCALITY:

\_\_\_\_\_  
191  
\_\_\_\_\_

CHIEF OF PARTY:

3417

Alaska

Department of Commerce and Labor

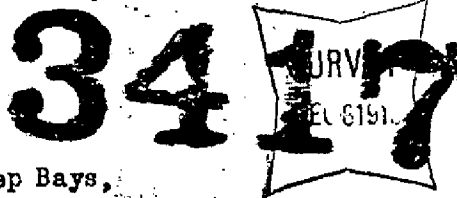
Gilbert T. Rude, 1913.

DESCRIPTIVE REPORT

to accompany

Topographic Sheet <sup>3417.</sup> "X", Simpson and Sheep Bays,

Prince William Sound, Alaska.



This sheet covers the eastern Arm of Simpson Bay, and <sup>outer part</sup> ~~all~~ of Sheep Bay, Prince William Sound, Alaska. In Simpson Bay it joins on the west with the work of the Str. Taku for season 1912, at the point between the two arms of the bay; on the east it connects with the work previously charted, at <sup>Bomb</sup> ~~Bomb~~ Point. The survey is controlled by triangulation of a former party.

SIMPSON BAY

East of the Bay the land is low, with rugged, rocky shore-line, the rocks being broken into fragments. One rocky point makes out from shore, having a gravel beach connecting it with the shore at low water. The shore-line is broken by the narrow entrance to a lagoon about half a mile long, and by several small bights. The land is covered with trees and grass.

The head of the Bay on the east, is a delta of gravel washed down by a glacial stream; it extends far out from the high-water line. West of the delta the land makes out forming a low rocky barrier, covered with trees, between the delta on the east, and a lagoon, several miles long, on the west. This lagoon was named Simpson Lagoon. Near the head of the Bay are two small, low islands with a narrow passage between them; they are both covered with trees.

On the west side, the point at which the survey starts is low, rocky, tree-covered and slopes up to a low ridge. The shoreline changes with the slope of the land, from low and irregular for the lower land, to high and almost

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precipitous where the land is high. The shoreline is paralleled for a short distant by a line of several small, rugged islands. At about one-third the length of the bay from the mouth, is a small settlement of Indians, with a good landing at the beach near by.

Back at the head of the bay are two valleys with a high central divide and high confining ridges. The valleys are quite narrow and apparently have a steep slope. Large streams of glacial water are in both valleys. The tree line is from one thousand to twelve hundred feet elevation.

### S H E E P    B A Y.

East of the bay is a low point with a moderate slope back to a curved ridge, all tree-covered. The shore-line is principally <sup>beach</sup> with patches of high rocks at intervals, till opposite the higher land. Here the shore is more rugged and the beaches fewer. The shore is very irregular, being cut by small bays and bights.

Several islands of a good size in the middle of the bay, cut off the view and make the bay look smaller than it actually is. These islands are all tree covered but low and have several good beaches.

On the west the survey starts at Point Gravina, and for probably two-thirds of the distant traversed the shore is composed of a boulder beach, back of which the land is low. For the remaining distance the shore is high and becomes precipitous, making landing at high tide impossible and difficult even at low water. Beyond where the survey was carried the mountain slope comes down almost to the waters edge, leaving but a very narrow boulder beach. These higher mountains are mostly bare, the tree line being from 1600 to 1800 feet.

The scale of this sheet is 1-20,000, the contour interval 100 feet.

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The survey is controlled by new triangulation brought from Hawkins Island.

On August 7th the work was suspended due to orders from the Superintendent sending the party to Passage Canal. On Sept. 26th one day was spent sketching contours in Sheep Bay.

Respectfully submitted,

*James S. Jones*  
Aid, C. & G. Survey

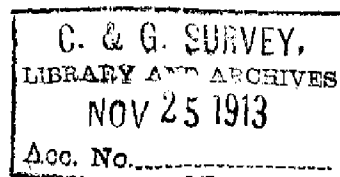
Approved:

*Gilbert J. Vreder.*  
Assistant, C. & G. Survey.

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Object	Lat	D M	Long	D M	Remarks
Ex	60° 37'	981	145° 54'	352	Marked by copper bolt
Ho	60° 37'	1750	145° 53'	153	Indian house
Lit	60° 38'	1181	145° 50'	832	East end of rocky islet.
Stub	60° 37'	1106	146° 12'	359	Large flat surfaces rock in edge of woodline.
Point	60° 37'	722	146° 11'	698	Outermost tree on point.

All other stations on sheet not recoverable.



Description of topographic stations  
to accompany topographic sheet  
of Sheep Bay, P.W. Id., Alaska

Str. Taken 1913

G. T. Rude, Comdg.

Alaska

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Topographic Station I T.

Flag on second prominent point west of Sheep Point, Prince William Sound, Alaska. A bay about 600 meters deep and 300 meters wide is between the first and the second points.

Topographic Station S I D E.

One sided banner nailed to a 8" x 8' on third point from Sheep point on north side of Sheep Bay. This point forms entrance to small bight in center of which is an island.

Topographic Station L E A N.

Cloth wrapped around a tree on east side of above bight.

Topographic Station W H I T E.

Cloth around small white dead ~~stump~~ tree in the head of above bight.

Topographic Station W A V E.

Flag on north end of large rock 5 meters off east side of Island in center of first Bay southeast of Triangulation Station Up, Sheep Bay, Prince William Sound, Alaska.

Topographic Station B E T.

Target on beach between back and point. This is the first point southeast of Triangulation Station Hid. A deep Bay is between Bet and Hid.

Topographic Station T W I N.

Large stump on timber line in center of hollow of east shore line of Sheep Bay. It is 700 meters N. of Triangulation Station Up. Stump has two dead trunks 10' high.

Alaska.

G. T. Rude

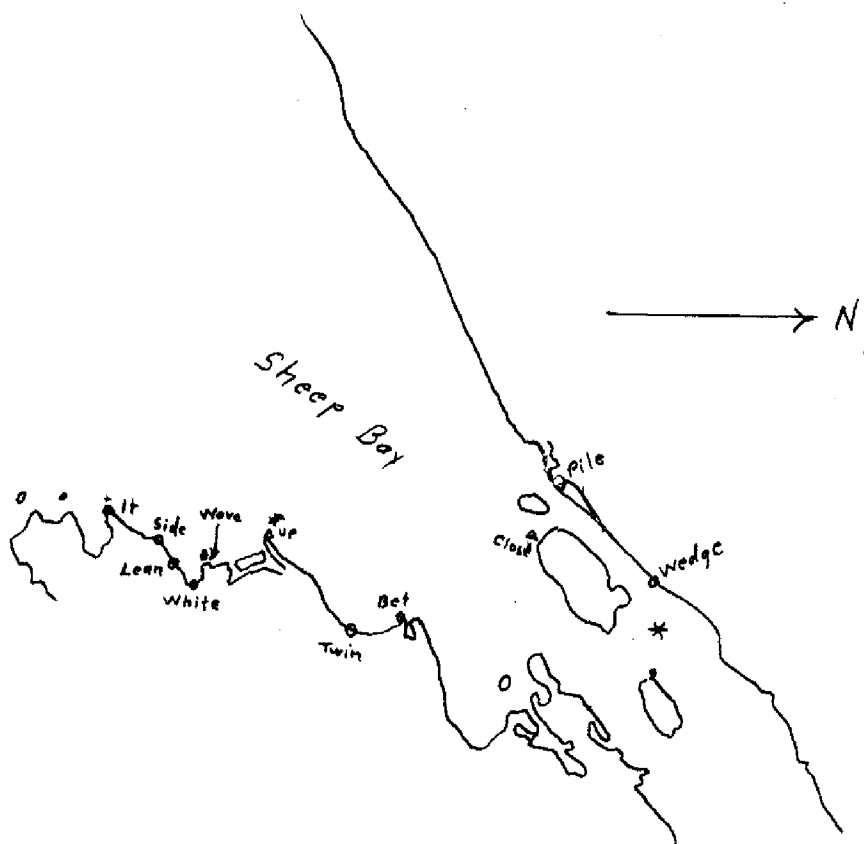
1913

Topographic Station W E D G E.

Flag on point of west shore of Sheep Bay, Prince William Sound, Alaska and opposite North end of island that is opposite Triangulation Hid and north of Triangulation Station Close.

Topographic Station P I L E.

Flag on top of pile of rocks on point of west shore of Sheep Bay, Prince William Sound, Alaska. Point is opposite south end of the small island which is the first mid channel island towards entrance to Bay.



Alaska

G. T. Rude

1913.

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Topographic Station W A V E.

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Target on beach between rock and point. This is the first point southeast of Triangulation Station Hid. A deep Bay is between Bet and Hid.

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