



3305

DEC 14 1912

Department of Commerce and Labor  
COAST AND GEODETIC SURVEY

O. H. Tittmann  
Superintendent.

State: Alaska.

DESCRIPTIVE REPORT.

Topographic Sheet No. 3305

LOCALITY:

Simpson Bay, Prince William Sound.

1912

CHIEF OF PARTY:

Gilbert T. Rude.

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DESCRIPTIVE REPORT,

to accompany,

Topographic Sheet Number \_\_\_\_\_

North Arm of Simpson Bay, Prince William Sound, Alaska.

Steamer TAKU

Season 1912.

Gilbert T. Rude,

Chief of Party.

Earl F. Church,

Topographer.

Control:

The work on this sheet is controlled by triangulation Stations Reef, Fox, Spruce and Narrows on the south shore of Orca Bay, Stations Simpson 1 and Simpson 2 at the entrance to Simpson Bay and by plane table triangulation carried from these stations to the head of the bay.

Hills:

The summits of the hills were determined by plane table intersections as to position and elevation and one hundred foot contours sketched as seen from the shore. The slopes from high water to an elevation of from twelve hundred to fifteen hundred feet are heavily wooded with spruce and hemlock. The summits of the hills are bare or moss-covered.

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Shoreline:

The shoreline is rocky. A large number of the points are rounding, with trees almost to the waters edge, rendering the plane table work difficult.

The head of the bay is composed of mudflats and marsh. Owing to the uncertainty of the confines of the marshy area the shoreline at the head of the bay is put on the sheet in a broken line.

Weather:

The work on this sheet was done during the month of September. Bad weather conditions prevailed throughout the month and it was necessary to do most of the work in the rain.

Respectfully submitted,

*Gilbert J. Rude*

Assistant, C. & G. Survey,

Chief of Party.

## List of Topographic stations,

to accompany

Topographic Sheet Number \_\_\_\_\_.

Name	Latitude ° ' "	M	Longitude ° ' "	M	Remarks.
Stack	60 38	1005	145 56	30	See description
Lean	60 39	1594	145 53	556	" "
Lash	60 40	220	145 53	280	" "
Tide	60 38	1602	145 52	880	See description of tide staff
Ex	60 37	970	145 54	353	See description.
Dog	60 37	1054	145 53	572	" "
Sig	60 37	315	145 53	480	" "
Isle					Not recoverable.
Pail					" "
Hide					" "
Nail					" "
Pole					" "
Swamp					" "
Bill					" "
Jim					" "
Round					" "
Crow					" "
Flat					" "
Camp					" "
Fame					" "
Cliff					" "
Last					" "
Bark					" "

Name	Latitude	M	Longitude	M	Remarks.
Sharp					Not recoverable
Board					" "
Log					" "
Next					" "
Slip					" "
Aim					" "
Tar					" "
Point					" "

Topographic station Ex.

Is on the southwest side of a small island at the north side of the entrance to the east arm of Simpson Bay and is marked by a copper bolt leaded in the rocky surface of the island. A target signal was erected over the spot and large rocks piled around it to hold it in place.

Topographic station Stack.

On the west side of Simpson Bay about one mile from the entrance. It is a whitewash patch on the end of a small sharp point. The point consists of a large grass covered mound which has the appearance of a straw stack when viewed from the bay and is very prominent.

Topographic Station Lean.

Is a prominent dead tree near the water line on the west shore of the north arm of Simpson. A piece of white signal cloth was wrapped around the tree.

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Topographic sheet of North arm of Simpson Bay,  
Prince William Sound, Alaska.

Projection by Earl F. Church.

Topography by Earl F. Church.

Inked by G. T. Rude.

G. T. Rude, Chief of Party.

Steamer Taku, Season 1912.

Topography from Sept. 4th to Oct. 3rd.

Scale 1:20,000.

Topographic Station Lash.

is an old decayed stump of a tree near the water line on the east side of a small island on the west shore of the north arm of Simpson Bay. The stump is very much decayed and would not hold nails, so the banners were lashed to it.

Topographic station Dog.

Is on the southwest side of a small island on the north side of the east arm of Simpson Bay and just inside the entrance. It is a whitewash patch on the rocky shore of the island about five feet above high water mark. The rock was thoroughly whitewashed and will probably remain conspicuous for two or three years.

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Topographic station Sig.

Is marked by two whitewash patches close together on the first prominent little point on the south side of the entrance to the east arm of Simpson Bay about one half mile in from Triangulation station Simpson 2... The white wash patches at this station will probably last for one year.