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C. & G. SURVEY,
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JUN 9 - 1910
Acc No.

Diag. Cht. No. 8551-1

Department of Commerce and Labor
COAST AND GEODETIC SURVEY

O. H. Tittmann
Superintendent.

State: *Alaska*

DESCRIPTIVE REPORT.

Hyst Sheet No. *3026*

LOCALITY:

*Prince William Sound,
Knight Island,
Hagan Bay to Discovery
Bay*

1909

CHIEF OF PARTY:

G. T. Rudy

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COAST AND
GEODETIC SURVEY

JUN -8 1910

REFERRED TO:
Assistant in Charge

DESCRIPTIVE REPORT.

TOPOGRAPHIC SHEET NO. 3026.

HOGAN BAY TO DISCOVERY BAY.

PRINCE WILLIAM SOUND, ALASKA.

SEASON 1909.

G. G. SUTLEY,
LIBRARY AND ARCHIVES

JUN 9 - 1910

Acc. No.

Gilbert T. Rude, Chief of Party.

P.M. Trueblood, Topographer.

General Appearance:

The shoreline is rather bold, rising to mountains 2000 to 2500 feet in height not far back from the coast line and wooded to a height of 600 to 1400 feet. The summits of the mountains surrounding Snug Harbor are jagged in appearance and composed of black rock.

Bays and Harbors:

Discovery Bay and Snug Harbor are the only bays within the limits of the sheet. Anchorage can be found in Discovery Bay but it is a very poor harbor for Northerly Winds, the sea from the Northward piling up in the bay. Anchorage in 19 fathoms can be found in Snug Harbor, just off the waterfall on the North side of the bay. The entrances to both bays are clear.

Instructions:

The instructions for the work called for the inshore hydrography to join that already done offshore, and the hydrography of the bays.

Prominent Objects:

Horn Mountain, north of Hogan Bay, is the only prominent

object worthy of mention. The peak is pyramidal in shape and is visible over nearly the whole of Prince William Sound.

Shoals:

The Head of Discovery Bay is foul. The only other shoal is off Signal Mal on the North end of the work. This was developed and the least water found.

Signals:

The signals used for the location of sounding boat were Triangulation Points determined by former survey and Topographic Points determined by present survey.

Respectfully submitted,

Gilbert J. Rude.

Asst. C. & G. Survey,

Chief of Party.

Statistics - Sta. Taku

Date	Letter	Vol	Soundings	Angle	Miles	Boat
1909						
July 12	A	1	55	100	8.3	Taku
" 13	B	1	40	80	6.6	"
" 14	C	1	137	214	14.3	"
" 15	D	1	129	202	14.1	"
" 16	E	1	92	108	4.1	"
Total		1	453	704	47.4	

Positions & soundings plotted by A. H. Simons
 Verified by R. L. Johnston

All soundings plotted in feet.

V.E.C.
Jan. 5, 1910.

3026

HYDROGRAPHIC SHEET NO. 3026.

Eastern Shore, Knight Island, Prince William Sound,
Alaska, by Asst. G. T. Rude in 1909.

TIDES.

	Bay of Isles ft.
Mean lower low water, or plane of refernce on staff	5.2
Lowest tide observed " "	2.0
Highest " " " "	18.6
Mean range of tide	9.6

Coast and Geodetic Survey
JAN 7 1910
TIDAL DIVISION

Applied 1/19-11

At.

Hyd Sheet No 3026

Apr 8 1910

The ground within the limits of the work is fairly well covered with the exception of the two shoal areas east of Δ C. which should have been more carefully developed.

The records were kept in a satisfactory manner.

H. L. Simons

Verified

Nov 18th, 1910.

R. L. Johnston.