

3416

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Form 504
DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY

State: Alaska

11-5813

DESCRIPTIVE REPORT.

Hyd. Sheet No. 3416^a

LOCALITY:

192

CHIEF OF PARTY:

R. B. Derickson

3416

Hyd. 3416
DESCRIPTIVE REPORT.

This sheet scale 1:1000 was enlarged from a tracing of the original topographic sheet made in 1912, in order to show the supplemental hydrography done at the head of Rose Inlet, S.E. Alaska in July 1913.

Hydrography executed by sounding party in charge of Mr. Healy, Mate, with ship's dinghy. Hydrography plotted by Mr. Healy.

This sheet shows development of 2 fathom shoal west of buoyed rock at head of Inlet. Soundings are included in one original volume. Tides were observed and recorded in one original Tide Volume.

R. B. Anderson
Chief of Party, C. & G. S.

MKQ
Sept. 8, 1913.

HYDROGRAPHIC SHEET 3416a.

Rose Inlet, Alaska, by
Assistant R. B. Derickson, in 1913.

TIDES.

	Rose Inlet
	ft.
Mean lower low water, or plane of reference on staff,	7.0
Lowest tide observed " "	5.8
Highest " " " "	21.4
Mean range of tide " "	10.5

Hyd. Sheet No. 3416 a

As there was no projection on this sheet and signals used are not in the same position, as on Hyd 3416, the work could not be combined except by using the shoreline for control. As this also differed, no combination was made.

The two foot spot, 220 me. S. E. of "Dick", is undoubtedly the rock awash, shown on Hyd 3416, and the twelve foot shoal, just west of this spot, is evidently the point where the Delhi grounded. The work itself is O. K.

R. L. Johnston

Soundings shown in feet.