



3410

Des. Chart No 9103

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Department of Commerce and Labor
COAST AND GEODETIC SURVEY

Superintendent.

State: *Alaska*

DESCRIPTIVE REPORT.

Hyd. Sheet No. *3410.*

LOCALITY:

*Alaska - West Coast -
Bering Sea - Security
Cove*

1912

CHIEF OF PARTY:

B. S. Patton

11-4645

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HYDROGRAPHIC SHEET ~~3410~~

Security Cove, Cape Newenham,

Alaska.

Scale, 1/20000

Steamer Explorer,

R.S. Patton,

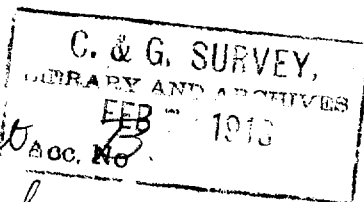
Chief of Party.

1912

3410

Descriptive Report

To accompany hydrographic sheet
Security Cove, Cape Nevenham.
Alaska.



As Security Cove furnishes the best anchorage to be found in this vicinity, it was surveyed in detail on a scale larger than that of the remainder of the survey.

There are no details connected with the survey which require special mention. The bottom is flat; soundings give no indication of shoal areas which require a closer examination.

During the 1912 season, all bad weather was from a south-easterly direction, and should this prove to be the general rule, Security Cove will be found to furnish the best anchorage in the vicinity of Cape Nevenham.

Either the large or small light may be used. During the 1912 season, the Explorer commonly anchored in the small light, where the deeper water enabled her to get close under the land and so escape from the ground swell which makes up along the coast from Cape Nevenham. The usual anchorage was on a line from Thumb to the northern end of Castle Rock, and

about half way between the two. Here will be found twenty feet of water, with good holding ground. In this anchorage the Explorer rode out two south-easterly gales very comfortably, at times when there was a considerable sea making into the larger light.

Statistics of sheet:

Boat,	Day,	miles,	soundings,	angles
Sannah	a	26.5	696	220
"	b	0.7	30	6
"	c	<u>52.6</u>	<u>1044</u>	<u>326</u>
Total		77.8	1770	552.

Respectfully submitted,

R. S. Pattow,
Chief of Party.

REC
Feb. 28, 1918.

C. C. Div

HYDROGRAPHIC SHEET 3410.

Security Cove

Kuskokwin Bay, Alaska, by Assistant R. S. Patton
in 1912.

TIDES.

	Goodnews Bay ft.
Mean lower low water, or plane of reference on staff	0.4
Lowest tide observed " "	-0.8
Highest " " " "	11.4
Mean range of tide	6.2

VEC
Feb. 20, 1913.

HYDROGRAPHIC SHEET 3410.

Kuskokwim Bay, Alaska, by Assistant R. S. Patton,
in 1912.

TIDES.

	Goodnews Bay ft.
Mean lower low water, or plane of reference on staff	0.4
Lowest tide observed " "	-0.8
Highest " " " "	11.4
Mean range of tide	6.2

Hyd. Sheet # 3410.

The hydrography of this sheet consists of a hydrographic survey of 'Security Cove' - West coast of Alaska.

The positions were plotted by the Field Party, accepted as correct, although a number of them were checked.

The survey is of sufficient density; the work, in general, good, and the crossings fairly close.

Soundings were plotted in feet.

J. D. Shkemin

Verified by J. D. Torrey

March 20, 1913.

3/12-13.