

3564

Diag. Ch. No. 8202-1

Form 504

DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY

State: *Southeast Alaska*

11-5813

DESCRIPTIVE REPORT.

Sheet No. *H-3564*

LOCALITY:

Jay Strait
Swanson Harbor
and

Approaches

1913

CHIEF OF PARTY:

C. G. Quillian

3564
3564

POST-OFFICE ADDRESS: Str. Bache, Charleston, S.C.

TELEGRAPH ADDRESS:

do.

EXPRESS OFFICE:

do.



DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY
Str. Bache, Charleston, S.C.

Chart Construction

Aug. 18th, 1914.

Superintendent,

Coast & Geodetic Survey,

Sir:

I have the honor to acknowledge the receipt of your letter of Aug. 11th together with photo copies of section of Hydrographic sheet No. 3564 and two pages of sounding record of Swanson harbor, Alaska.

After examination and replotting of the line, I can recall distinctly the time it was run, and that considerable current and choppy sea made progress very slow and showers of rain shut in signals that were necessary to make strong positions, therefore a weak set had to be used. The whaleboat sheet being wet and previous soundings being practically obliterated, I did not notice the discrepancy at the time.

It seems probable that the shoal soundings were within the area covered by wire drag and upon the same shoal. On account of the weakness of the positions, I would recommend that the line be re-jected as the ship soundings west of the shoal develop that area sufficiently. I have replotted this line assuming a displacement of signal "dyke", 10 meters east of its position on the sheet

VEC
Jan. 24, 1914

HYDROGRAPHIC SHEET 3564.

C. G. Quillian

Icy Straits, Alaska, by party of Assistant
C. G. Quillian in 1913.

TIDES.

	Swanson Harbor ft.
Mean lower low water, or plane of reference on staff	2.0
Lowest tide observed " "	-0.7
Highest " " " "	20.5
Mean range of tide	13.0

H. 3564.

No descriptive report to accompany this sheet. Swanson Harbor is an important anchorage, and further development of the approaches and additional lines in the main channel are desirable.

Sheet examined in Div.
of Hyd'y & Top'y.

Hyd. Sheet No 3564

The line, which begins at pos. 28d (blue) and ends at pos 42d, has been rejected, at least temporarily, as it looks to be out of position. (by direction Chief of C. C. Div.)

Vol No. 1, is not a good record. Courses are seldom stated and changes of course were not entered.

The practice of showing a small ink circle at each position, has long been discontinued. (See "General Instructions for Field Work", par. #293).

Ralph L Johnston

See letter of Aug 18th, 1914, accompanying this.

Soundings shown in fathoms.

Effective depth of drag shown in feet.

Protracted by field party.

Plotted & inked by R. L. J.

Verified by J. B. Shreeve 11/20/15