

2668

83
SHA
2668
1903

Diag. Cht. No. 8152-1 & 8252-1

Treasury Department,
U. S. COAST AND GEODETIC SURVEY.

U. S. C. & G. SURVEY,
LIBRARY AND ARCHIVES
MAR 31 1904
Acc. No. 2668

O. H. Tittman

Superintendent

State: *Alaska*

U. S. C. & G. SURVEY
LIBRARY AND ARCHIVES
MAR 31 1904
Acc. No.

DESCRIPTIVE REPORT.

Hydrographic Sheet No. *2668*

LOCALITY:

Entrance to Chatham

Sketch - Soundings for

U. S. Army Cable

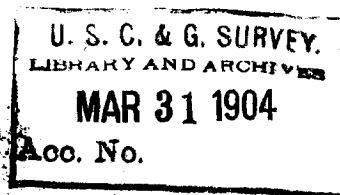
1903

CHIEF OF PARTY:

J. F. Pratt, Assistant

2668

U. S. Coast and Geodetic Survey
O. H. Tittmann, Superintendent.



Descriptive Report
of
Soundings
for the
U. S. Army Cable
Entrance
to
Chatham Strait
S. E. Alaska

Scale 1/100,000

by

The Party under charge of
J. F. Pratt, Assistant
Commanding U.S.C. & G. Survey S.S. "PATTERSON"

July 11th to 16th

1903

Statistics
Hydrography
Entrance to Chatham Strait
Reconnaissance for
U. S. Army Cable
July 11th to 16th, 1903

No. of Miles of Soundings	103
No. of Positions	52
No. of Soundings	52
Average depth, Fathoms	180
Shoalest depth, "	42
Deepest depth, "	394
Average distance between Soundings, miles	2.0
Maximum distance between Soundings, miles	3.5
Minimum distance between Soundings, miles	0.66
Number of objects: prominent natural works and peaks determined for hydro- graphic signals (shown in blue)	21

This Hydrographic Reconnaissance was executed with the Sigsbee Deep Sea Sounding Machine on the U.S.C. & G.S.S. "PATTERERSON" and was executed for the purpose of filling in between the outside work *and the surveyed portion of Chatham Strait,*

2. The sounding from position 135 K to 140 K was transferred from the sheet of outside work from Cape Flattery to Cape Ommaney, and is here inserted to cover the space. *But not counted in the statistics*

3. The remaining positions are dependent upon two simultaneous sextant angles measured on the hydrographic ^{shows} signals on the sheet.

4. None of the soundings are reduced for tides.

5. The character of the bottom was obtained with Sigsbee Detaching Rods and Stellwagen Cups.

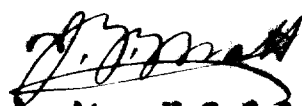
6. The broken red lines shows the track advised and indicates the more favorable bottom for a cable bed.

7. The records pertaining to this sheet comprise the following:-

One Volume Angles from triangulation stations on mountain peaks and natural objects.

One Volume Sounding Record.

9. A tracing of this sheet before it was inked and lettered was furnished the Senior Officer, Signal Service, U.S.A., on July 19, 1903.


Ass't., U.S.C. & G. Survey,

Commanding.

Report
on
Hydrographic Sheet
No. 2663.
Chatham Strait,
Entrance and Southern Part,
Alaska.
Assistant Pratt.
1903.

There are so few soundings on this sheet that the curves cannot be drawn with any degree of certainty, therefore they were left in pencil. The work is good as far as it goes. Positions are determined by sextant angles. Soundings were verified.

F. C. Donn. (Signed).

Department of Commerce and Labor

Sheet No 2668.

Entrance to Chatham Strait.

There are so few soundings on this sheet that the curves cannot be drawn with any degree of certainty therefore they were left in pencil. The work is good as far as it goes. positions are determined by sextant angles.

8dgp. Verified by F. C. Dorn

no. of miles	103
" " positions	52
" " soundings	52