

3909

Diag. Cht. No. 8201-2

Form 504

U. S. COAST AND GEODETIC SURVEY

DEPARTMENT OF COMMERCE

DESCRIPTIVE REPORT

Type of Survey HYDROGRAPHIC

Field No. Office No. H-3909 W.D.

LOCALITY

State ALASKA

General locality CHICHAGOF PASSAGE & ZIMOVIA STRAIT

Locality

194/1916

CHIEF OF PARTY

J. A. Daniels

LIBRARY & ARCHIVES

DATE JANUARY 16, 1917

3909

DEPARTMENT OF COMMERCE
U.S. COAST AND GEODETIC SURVEY

HYDROGRAPHIC TITLE SHEET.

The finished Hydrographic Sheet is to be accompanied by the following title sheet, filled in as completely as possible, when the sheet is forwarded to the Office.

U. S. Coast and Geodetic Survey.

Register No. **3909** - Temporary No. 5

State S. E. Alaska.

General locality Vicinity of Clarence Strait.

Locality Zimovia Strait and Chichagof Passage.

Chief of Party John A. Daniels, Assistant.

Surveyed by John A. Daniels, H. R. Bartlett.

Date of survey Sept. 9 to Oct. 11, 1916.

Scale 1 : 20000

Soundings in Feet *None*

Plane of reference - Mean Lower low water.

Protracted by C.A.E.

Soundings in pencil by - - - -

Inked by C.A.E.

Verified by

Records accompanying sheet (check those forwarded)

Des. report, - - - Tide books, - - - Marigrams, - - - Boat sheets,
No Soundings taken.
 - - - Sounding books, - - - Wire drag books, - - - Photographs.

Data from other sources affecting sheet. - - - - -

Remarks:

DESCRIPTIVE REPORT

To accompany

HYDROGRAPHIC SHEET NO. (5.) 3909.

Chichagof Passage and Zimovia Strait.

From

Latitude 56°20' to Olive Cove.

Surveyed under instructions from the Superintendent dated

Feb . 26, 1916.

Wire Drag Party No. 3.

Seasen 1916.

John A. Daniels ,

Assistant, Coast and Geidetic Survey,
Chief of Party.

Hyd. 3909.

Descriptive Report.
Hydrographic Sheet No. (5)
Wire Drag Party No. 3, 1916.
Scale 1 : 20000

The sheet includes the eastern end of Chichagof Passage from longitude $132^{\circ}29'$ eastward to Zimovia Strait, and that part of Zimovia Strait from a line just southward of latitude $56^{\circ}20'$ southward to Olive Cove. The work of Wire Drag Party No. 4 joins the area upon this sheet at the eastern end of Chichagof Passage and at the north limit of work in Zimovia Strait. In Chichagof Passage the work joins that on sheet No. 3, Stikine Strait

In general, the drag was passed within fifty to one hundred meters from headlands and at a distance not greater than one fourth mile from all points.

A general depth of fifty feet and not less than forty five feet was verified on the area covered by this sheet.

The entire area was found clear of obstructions, no soundings being taken.

Respectfully Submitted

John A. Daniels.
Asst. C. & G. S.

STATISTICS SHEET 5.

Day	Date	Angles	Miles	Soundings
A	Sept. 9	154	4.0	0
B	Sept. 13	142	3.75	0
C	Oct. 9	141	4.6	0.
D	Oct. 11	235	6.8	0

VEC
Sept. 17, 1917

HYDROGRAPHIC SHEET 3909.

Zimovia Strait, S. E. Alaska, by John A. Daniels
in 1916.

J.S.S.U.
P.S.
H.C.9

LIBRARY
Place with descriptive report
of hydrographic sheet No. 3909
Drawing Section *J.A.D.*

TIDES.

	Wrangell Feet.
Mean lower low water, or plane of reference on staff	4.6
Mean range of tide	13.8

Verification Report to the Drag 3909.

There were no errors found in the plotting.

The area is well covered overlaps sufficient-
ly with the adjacent work.

Respectfully,

Alois Baer.

Draftsman

8.0.8

ADDRESS THE DIRECTOR
U. S. COAST AND GEODETIC SURVEY

AND REFER TO NO. **4-MEM**

DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY
WASHINGTON

June 6, 1922.

SECTION OF FIELD RECORDS.
REPORT ON WIRE DRAG SHEET No. 3909.
Surveyed in 1916.

Chief of Party: John A. Daniels

Surveyed by Wire Drag Party No. 3. Instructions dated Feb. 26, 1916.

Protracted and inked by C. A. Egner

Verified and area and depth sheet by A. Baer.

1. There were no specific requirements as to the depth to which this area was to be dragged, hence it is assumed the chief of party acted within his rights in dragging to a minimum effective depth of 45 feet. The extent of the drag work satisfies the specific instructions.
2. No shoals were discovered.
3. The overlaps are ample.
4. Within the geographic limits of this survey the area has been covered by the drag operations and no further dragging is required. See special diagram No. 8200 for limits of the survey.
5. Reviewed by A. L. Shalowitz, June, 1922.