

3851

C. & G. SURVEY

L. & A.

DEC 16 1921

Ass. No.

Form 504

DEPARTMENT OF COMMERCE

U. S. COAST AND GEODETIC SURVEY

State: *A. E. Alaska*

11-5613

DESCRIPTIVE REPORT.

Topo Sheet No. *38517*

LOCALITY:

*Stiphens Passage
Pt Hilda (Douglas
Island)*

1921

CHIEF OF PARTY:

H. H. Hech

DESCRIPTIVE REPORT TO ACCOMPANY TOPOGRAPHIC SHEET No4-

LIMITS:

This sheet extends from north latitude $58^{\circ} 17'$ to $58^{\circ} 10'$ and from west longitude $134^{\circ} 26'$ to $134^{\circ} 52'$. It was made to complete the form line work on Admiralty Island and to run a portion of the form lines on Douglas Island. The previous work done is shown in black ink, the part finished this year is in red. After this section of form lines was run I found that the Geological Survey had made a very complete survey of this side of the passage, therefore I determined to concentrate my efforts on the Admiralty Island side. The weather conditions at this part of the season were unfavorable for form line work, many days shore line work was carried on when low hanging clouds made it impossible to see the mountain tops. The work already done on this sheet will be useful in transferring the work done by the Geological Survey.

I would recommend that this sheet be returned to the field next season as it will save making another one for this area. It also has all the data on it, necessary to tieing in with the previous work.

DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY

WASHINGTON

October 15, 1924.

SECTION OF FIELD RECORDS

Report on Topographic Sheet No. 3851

Douglas Island, Alaska

Surveyed in 1921

Instructions dated February 17, 1921

Chief of Party, N. H. Heck.

Surveyed and inked by B. H. Rigg.

1. The records conform to the requirements of the General Instructions.
2. This survey, as far as made, conforms to the requirements of the General Instructions, except that it has only about one-half the specified number of determined elevations.
3. The descriptive report states that weather conditions did not permit doing the proposed work on the Admiralty Island portion of the sheet. It also states that the work was discontinued on Douglas Island because the surveyor learned that the Geological Survey had recently contoured the island.

The Geological Survey stated in September, 1924, that they had done no surveying in the locality of this sheet, and Capt. Heck's information, therefore, is erroneous. There are no form lines by either the Geological or Coast Survey on the southern and western shores of Douglas Island.

The form lines remain to be done on Admiralty Island from the southwest bight of Young Bay to Horse Island. When this is done the gap in the shoreline between T. 3681 and T. 3848 should be supplied. At the same time the head of Hawk Inlet should be surveyed if possible.

4. Reviewed by E. P. Ellis, October, 1924.

DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY

TOPOGRAPHIC TITLE SHEET

The finished Topographic 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. 3851

State SE Alaska

General locality Stephens Passage

Locality Point Hilda ~~ex~~ Douglas Island

Chief of party M.H. Heck

Surveyed by Benj. H. Rigg

Date of survey Season 1921

Scale 1 to 20,000

Heights in feet above Mean sea Level

Contour interval 100 feet.

Inked by B.H. Rigg Lettered by B.H. Rigg

Records accompanying sheet (check those forwarded): Photographs,

Descriptive report, Horizontal angle books, Field computations,

Data from other sources affecting sheet Contours can be obtained
for this area from the U.S.G. Survey.

Remarks: