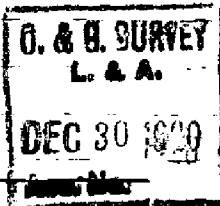


3807



Form 504
DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY

State: *S. F. Alaska*

11-5613

DESCRIPTIVE REPORT.

Topo Sheet No. *3807*

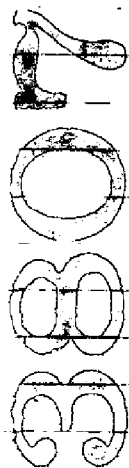
LOCALITY:

*Stephens Passage
Glass Peninsula -
Vicinity of Pt. Hugh and
Pt. Lookout to Pt. Astley*

1920

CHIEF OF PARTY:

T. H. Heck



Descriptive Report to accompany Sheet No. 4.

Limits and Extent.

This sheet covers the shore line from Point Hugh to a light $3\frac{1}{2}$ miles north of it on Glass Peninsula, Stephens Passage, S.E. Alaska and on the opposite shore from Point Lookout to Point Astley.

Description of Coast.

The section of shore from Point Hugh north is of a rocky and reefy nature. There are also thick growths of kelp that extend out from the shore for a distance of 25 to 200 meters. The shore line from Point Lookout to Point Ashley is rocky and steep.

System of control and Methods.

Points of control were determined by tertiary triangulation by Jack Senior, H. & G. E. They are; Hugh, Mid, and Lite, lookout and Ham.

The form lines of the country on Glass Peninsula were delineated on a scale of 1 - 40, 000 by Jack Senior, H. & G. E. The shore on Glass Peninsula is more or less foul.

This coast was traversed and slight discrepancies were adjusted in the field.

Inshore dangers.

Thistle ledge is covered at high water and marked by kelp. It is about $\frac{3}{4}$ mile off shore.

There is a bare islet about $\frac{7}{8}$ mile south of Point Astley surrounded by kelp. There is an islet and bare rock about $\frac{1}{4}$ mile west southwestward of Point Astley. The islet is covered with grass. \triangle Ham is located on this islet.

Augustus P. Ratti
Jr. H. & G. E.

AND REFER TO No. 4-MEM

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

SECTION OF FIELD RECORDS.

REPORT ON TOPOGRAPHIC SHEET. No. 3807.

Surveyed in 1920.

Chief of Party: N. H. Heck.

Surveyed and inked by A. P. Ratti.

1. This survey conforms to the General Instructions with the following exceptions:
 - a. The magnetic meridian is not shown
 - b. The plane of reference should be mean sea level instead of high water.
 - c. Elevations of detached islets should be given.
 - d. Except for a narrow strip alongshore the character of vegetation is not indicated.
2. The junctions with adjoining sheets are satisfactory.
3. The extent of the survey satisfies the specific instructions and no further surveying is required.
4. The character of the surveying and inking are good.
5. Reviewed by E. P. Ellis, April 22, 1921, and two copies of this report to be sent to Division of Hydrography and Topography.

DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY

ORIGINAL
7

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. 3807

State S.E. Alaska
General locality Stephens Passage
Locality Glass Peninsula - Vicinity of Pt. Hughes and Point Lookout to Point Astley.
Chief of party M.H. Heck, H. & G.E.
Surveyed by Augustus P. Ratti
Date of survey August 1920
Scale 1:20,000
Heights in feet above M.W.
Contour interval 100 feet.
Inked by A.P. Ratti Lettered by A.P. Ratti
Records accompanying sheet (check those forwarded): Photographs,
Descriptive report, Horizontal angle books, Field computations,
Data from other sources affecting sheet

Remarks: