

3786

Diag. Cht. No. 8102-2

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

State: *Southeast Alaska*

11-5813

DESCRIPTIVE REPORT.

Sheet No. \_\_\_\_\_

LOCALITY:

*Tongass Harbor*  
*Annette Island*

\_\_\_\_\_

1915

CHIEF OF PARTY:

*C. J. Gillian*

3786

**LIBRARY**

Place with descriptive report  
of hydrographic sheet No. 3786

G.P.P.,  
Drawing Section.

The finished hydrographic sheet is to be accompanied by the following form, properly filled in, when the sheet is turned in to the office.

U. S. COAST AND GEODETIC SURVEY  
Register No. 3786

STATE ALASKA

H. 3786.

No Descriptive Report. Statistics written on sheet notes and names of points not given.

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

Date July 1918

Scale- 10 000

SOUNDINGS IN Fathoms

Plane of reference Mean Lower Low Water

Protracted by W. D. Sutcliffe

Soundings plotted by R. d. Schoppa

Inked by R. d. Johnston

Verified by "

The 6 foot curve is shown thus

" 12 " " " " "  
" 18 " " " " "  
" 30 " " " " "

**TIDES**

Mean lower low water of,  
Plane of reference on staff  
Lowest tide observed " "  
Highest " " " "  
Mean range of tide

Ryus Cove

5.4  
1.3  
23.2  
12.7

Kalchukan  
1.4  
- 2.9  
21.6  
131

H- 3786

DESCRIPTIVE REPORT  
TO  
ACCOMPANY HYDROGRAPHIC SHEET OF  
TAMGAS HARBOR, ANNETTE ISLAND,  
SOUTHEASTERN ALASKA.

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UNDER INSTRUCTIONS FROM THE SUPERINTENDENT  
DATED MARCH 24, and APRIL 30, 1915.

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S E A S O N 1 9 1 5 /

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Party of U S S McARTHUR,  
C. G. QUILLIAN, ASSISTANT, C. & G. SURVEY,  
COMMANDING.

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HYDROGRAPHY BY LAUNCH "DELTA:"

J. W. Maupin, Assistant, In Charge.  
W. D. Sutcliffe, Aid, Left Angle.  
F. R. Webb, Assistant Surgeon, Recorder.

DESCRIPTIVE REPORT TO ACCOMPANY HYDROGRAPHIC SHEET OF  
TAMGAS HARBOR, ANNETTE ISLAND, SOUTHEASTERN ALASKA.

- LIMITS AND AREA -

This survey was done on a scale of 1/20,000, and forms only a small part of a sheet. The work is supplementary to the work done the previous season (McARTHUR 1914), and, together with that work, completes the survey of Tamgas Harbor. Most of this season's work was done in the upper end of the bay and extends along the western shore all the way out to the entrance. One line was run close to the east shore, abreast of Tamgas Lake, and a line was run around Mule and Grass rocks, respectively.

- GENERAL DESCRIPTION -

Tamgas Harbor is in the southwest end of Annette Island. It is about 5 miles (Naut.) long and extends in a general northwesterly direction. The harbor attains a depth of 37 fathoms on the east side, the main part of which is deep and clear of obstructions. Shoal water extends off all the points on the west side, and off Yellow Point on the east side. The water is also quite shoal in the head of the harbor on the west side. Mule Rock, lying about 1/4 mile from the east side at the entrance, is bare at H. W., and has deep water all around it. Grass Rock, which is about 3/8 of a mile from the west side at the entrance, is 15 feet above H. W., and there is a rock bare at L. W., lying about 250 yards S. SE. of it.

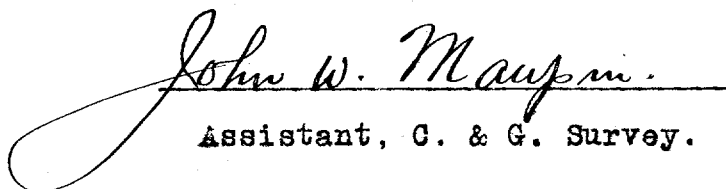
- SAILING DIRECTIONS -

Pass about 1/4 of a mile west of Mule Rock on a course of 347° (Mag.), when Deer Point is abeam change course to 316° (Mag.). Hold this course until Tent Point is abeam and the shore dead ahead is 425 yards distant then change to 269° (Mag.), care being

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TAMGAS HARBOR, ANNETTE ISLAND, SOUTHEASTERN ALASKA.

taken to pass Yellow Point at a distance of 240 yards. When on line, and midway between Yellow Point and Crab Point, change course to 290° (Mag.) and round Crab Point at a distance of 350 yards, then come to anchor in 4 or 5 fathoms in the south end of the head of the harbor.

Respectfully submitted,

  
Assistant, C. & G. Survey.

JWM/MDG/

Hyd Sheet No. 3786

The purpose of this work, to supplement previous work on Hyd  $\odot$  3712, seems to have been accomplished satisfactorily.

The position of the most prominent rocks should have been checked, especially the one 230 me. S. E. of  $\odot$  Grass.

R. L. Johnston

The rock noted above is shown on the boat sheet (1915 work plotted on the boat sheet of H. 3712). The rock, about 90 m. S. E. of  $\odot$  Grass was not shown on the boat sheet. Neither rock was mentioned in the sounding book.

All the hydrog above Grass Rk, from H. 3712, should have been transferred to H. 3786 in order to show the complete development on one sheet.

E. T. Bellis

Aug. 17, '16

Soundings shown in fathoms

Protracted by field party.

Soundings plotted by

Verified and inked by R. L. J.