

3679

Diag. Cht. No. 8152-1

Form 504

U. S. COAST AND GEODETIC SURVEY
DEPARTMENT OF COMMERCE

DESCRIPTIVE REPORT

Type of Survey HYDROGRAPHIC

Field No. _____ Office No. H-3679

LOCALITY

State ALASKA

General locality TOMONEK BAY

Locality _____

1914

CHIEF OF PARTY

F. H. Hardy

LIBRARY & ARCHIVES

DATE DECEMBER 7, 1914

B-1870-1 (1)

3679

Descriptive Report to Accompany Hydrographic Sheet 3679

of Warm Chuck Bay, Heceta Island.

West Coast of Prince of Wales Island, Alaska.

The hydrography of Warm Chuck Bay was done by a party from the steamer "GEDNEY" in launch No. 117 in charge of Mr. W. H. Stanford, Watch Officer, assisted by Mr. H. B. Campbell, Aid. The sounding lines and soundings were spaced approximately 200 meters apart, except on the south side of the Bay below and in the vicinity of Swift's Cannery where they were spaced about 100 meters apart. All indications of shoal water were thoroughly developed and the least water is believed to have been found. Particular attention is called to the shoal lying about 950 meters N.E. of \triangle Silla and the one about 400 meters E.S.E. of \triangle Skip. These were the only outlying dangers found in the approach to Swift's Cannery from the Northward and Eastward.

The passage north of the small rocky islands of which \triangle Skip forms the Easternmost is foul with numerous sunken rocks. A good channel leading into the Bay was found on either side of the small wooded islands north of Swift's Cannery.

The submerged rock in the middle of the south arm ~~of~~^{at} the head of the Bay may be passed on either side, preferably leaving the rock to starboard when entering. Good anchorage may be had about 1/2 to 3/4 mile from the head of this arm in from 4 to 8 fathoms, mud bottom.

Only scattered sounding lines were run in the north arm, but it appears to be clear for a mid channel course, favoring slightly the

starboard shore entering. Anchorage for a small vessel may be had at the head of the north arm in 3 to 5 fathoms, mud bottom.

Respectfully Submitted,

W. H. Stanford

Watch Officer, C. & G. S.
Hydrographer.

Approved.

J. S. Standley

Assistant, C. & G. Survey.
Commanding Str. GEDNEY.

HYDROGRAPHIC STATISTICS, Sheet No. **3679**

Date 1914	Letter.	Vol.	Posi tions.	Sound ings.	Miles Statute.	Vessels.
May 18	a	1	119	269	11.5	Launch No.117
" 19	b	1	163	316	20.0	"
" 20	c	1-2	157	466	20.2	"
" 21	d	2	170	549	16.0	"
" 22	e	2	78	165	5.0	"
June 8	f	2	10	12	.5	"
TOTAL.....	697	1777	73.2	

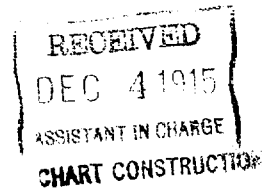
ADDRESS
U. S. COAST AND GEODETIC SURVEY
WASHINGTON, D. C.

REFER TO NO. 13

VEC

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

January 4, 1915.



Assistant in Charge:

I have had revised for the Chart Construction Division, the plane of reference, tide reducers, and reduced soundings for 2 volumes of Soundings, for Hydrographic Sheet 3679, for West Coast of Prince of Wales Island, Alaska, by Assistant F. H. Hardy in 1914.

Tide note for 3679 is transmitted herewith.

Hydrographic sheet 3679, descriptive report, and sounding records for same have been returned to the Archives.

L. P. Shidy

Chief of Tidal Division.

Enclosure.

VEC
Dec.26,1914.

HYDROGRAPHIC SHEET 3679.

West Coast Prince of Wales Island, Alaska, by Asst.F.H.Hardy
in 1914.

TIDES.

	Warm Chuck ft.	Karheen Cannery ft.
Mean lower low water, or plane of reference on staff	11.2	7.7
Lowest tide observed " "	9.5	5.1
Highest tide observed " "	21.9	20.6
Mean range of tide	8.0	8.4

Hydrographic Sheet No. 3679.

"Warm Chuk ^{Sound.} Bay: Heeeta Id. West Coast of Prince
of Wales Id" Alaska

No smooth sheet was submitted with this work therefore
the projection was made and all plotting done in this
Office.

The work is good and appears sufficient to develop
the bottom with a degree of accuracy.

The records are in good shape and no indefinite conditions
appear.

John D. Torrey
Jan. 19, 1915.

Developments in N.E. arm and at the islets
in the inlet and close along shore is deficient

Verified by J.B. Shkleari -
Feb. 23 - 15

-1-

H. 3679.

Topographic projection used as smooth hydrographic sheet. The area is fairly well covered. The north arm needs additional soundings, also soundings between the islands near the central portion of the bay are desirable.

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