

4325

Diag. Cht. Nos. 8152-1 & 8252-1

4325

Form 501 DEPARTMENT OF COMMERCE U. S. COAST AND GEODETIC SURVEY
State: <u>S.E. Alaska</u>
DESCRIPTIVE REPORT.
Hydro. Sheet No. <u>4325</u>
LOCALITY:
<u>W. Coast. Prince of Wales I.</u>
<u>South and West Coast of</u>
<u>Coronation I.</u>
<u>1923</u>
CHIEF OF PARTY:
<u>T. J. Maher</u>

Statistics Sheet
Coronation Island (South)

<u>Date</u> <u>1923</u>	<u>Letter</u>	<u>Vol.</u>	<u>Positions</u>	<u>Soundings</u>	<u>Miles</u> <u>Statute.</u>	<u>Vessel</u>
July 7	a	1	59	102	8.3	Cosmos.
" 14	b	1	48	76	5.7	"
" 17	c	1	160	292	21.0	"
" 31	d	1	126	229	17.2	"
Aug. 1	e	2	81	155	13.0	"
" 2	f	2	5	9	0.6	"
" 3	g	2	56	97	4.7	"
" 6	h	2	35	72	4.9	"
" 7	j	2	139	263	24.2	"
" 8	k	2	55	105	9.3	"
" 8	k	3	89	147	13.7	"
" 9	l	3	156	298	27.4	"
" 10	m	3	160	296	26.5	"
" 14	n	4	139	257	23.8	"
" 16	p	4	139	247	19.5	"
" 17	q	4	104	181	16.4	"
" 18	r	5	39	73	6.6	"
Sept. 11	s	5	139	258	15.0	"
" 12	t	5	105	232	11.5	"

DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY

WASHINGTON June 3, 1924.

Preliminary Report on H. 4325

Verified and inked by H. E. MacEwen.

1. The records conform to the requirements of the General Instructions.
2. The plan and character of the development fulfill the requirements of the General Instructions.
3. Sounding line crossings are not adequate. Except in the case of a few shoal developments there are no cross lines run. In such cases the depths check satisfactorily.
4. The main depth curves can be completely drawn. Shoal curves (1, 2, 3, 5 and 10) can not be completely drawn for want of closer development inshore.
5. The field plotting was completed to the extent prescribed in the General Instructions. In all cases where the sounding record showed 4 feet, the field party plotted the 4 as the next whole fathom or: 21 fms. This does not comply with General Instructions. In many instances fractions were omitted in depths below $8 \frac{3}{4}$ fathoms. Where fractions were plotted there were some indications of carelessness or lack of familiarity with instructions.
6. At this writing overlapping soundings from adjacent sheets have not been transferred.
7. Further surveying is not required to complete the area covered.
8. Remarks: The work on this sheet is excellent. The records are well kept and not lacking in any information necessary to an understanding of the operations. Explanations were complete and all necessary notes were included. The field plotting is open and legible and the field protracting excellent. It will be noted that lettering on signal names is rather heavy and put in without regard for the rule prohibiting the cluttering of water areas on Hydro. sheets with names, etc.
9. Character and scope of surveying - excellent.
Field drafting - excellent.

H. E. MacEwen.

May 24, 1924

DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY
WASHINGTON June 3, 1924.

SECTION OF FIELD RECORDS

Report on Hydrographic Sheet No. 4325

South and West Coasts of Coronation I., Alaska

Surveyed in 1923

Instructions dated February 15, 1923.

Chief of Party, T. J. Maher.

Surveyed by A. G. Katz.

Protracted and soundings plotted by G. L. Nyman.

Verified and inked by H. E. MacEwen.

1. The records conform to the requirements of the General Instructions, except that no descriptive report was submitted.
2. The plan and character of development conform to the requirements of the General Instructions.
3. The plan and extent of development satisfy the specific instructions.
4. The sounding line crossings are adequate.
5. The information is sufficient for drawing the usual depth curves.
6. The field plotting was completed to the extent prescribed in the General Instructions. Paragraphs 336 and 337 were not followed in converting fractions. In all depths greater than 9 fathoms 4 feet was plotted as the next greater fathom and in many instances of depths less than 9 fathoms fractions were omitted. The names of triangulation points were lettered without regard to interference with hydrography.
7. The character of the junctions with the adjoining sheets cannot be stated as the latter have not yet been plotted.
8. No further leadline surveying is required within the area of this sheet. The rocks and indications revealed by the survey show the need of dragging.
9. The character and scope of the surveying are excellent and the field drafting is good.
10. Reviewed by E. P. Ellis, May, 1924.

~~00~~ May 2, 1924. C. I. P.

Division of Hydrography and Topography:

Division of Charts:

Tide reducers are approved in
5 volumes of sounding records for

HYDROGRAPHIC SHEET 4325

Locality: Coronation Island, S. E. Alaska

Chief of Party: T. J. Maher in 1923

Plane of reference is mean lower water reading

11:2 ft. on tide staff at Egg Harbor

For reduction of soundings, condition of records satisfactory.
except as checked below:

1. Locality and sublocality of survey omitted.
2. Month and day of month omitted.
3. Time meridian not given at beginning of day's work.
4. Time (whether A.M. or P.M.) not given at beginning of day's work.
5. Soundings (whether in feet or fathoms) not clearly shown in record.
6. Leadline correction entered wrong column.
7. Field reductions entered in "Office" column.
8. Location of tide gauge not given at beginning of each day's work.
9. Leadline corrections not clearly stated.
10. Kind of sounding tube used not stated.
11. Sounding tube No. entered in column of "Soundings" instead of "Remarks".
12. Legibility of record could be improved.
13. Remarks

G. Wade

Chief, Division of Tides and Currents.

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. 4325

State S.E. Alaska

General locality W.Coast Prince of Wales I.
~~South Eastern Alaska~~

Locality and W.Coast of
South of Coronation Island

Chief of party Lt. Comdr. T. J. Maher

Surveyed by A. G. Katz

Date of survey 1923

Scale 1:20,000

Soundings in Fathoms & feet

Plane of reference (1/2) M.L.L.W.

Protracted by C. L. Nyman . Soundings in pencil by C. L. Nyman

Inked by Verified by

Records accompanying sheet (check those forwarded):

Des. report, Tide books, Marigrams, 1 Boat sheets,

5 Sounding books, Wire-drag books, Photographs.

Data from other sources affecting sheet

Remarks:

The data between high water line and low water line was not transferred from the topographical sheet as that sheet was not inked at the time this sheet was layed out.