

4028

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

State Maine

11-5613

DESCRIPTIVE REPORT.

Hyd. Sheet No. 4028

LOCALITY:

Grand Manan
Channel, Bay
of Bundy, N^F

1918

CHIEF OF PARTY:

J. H. Hawley

PROGRESS CHART

SHOWING CONDITION OF RECORDS OF

Hydrographic Sheet No. 4028 Field No. 3

Wire drag survey of Grand Manan Channel, Canada

1:30,000

Date of Survey Sept. 1918

Surveyed by W. D. Party No. 2

Day	DATE	Signaled angles compared	Distances entered	Distances checked	Length of upright entered	Length of upright checked	Correction entered	Correction checked	Drag depth entered	Drag depth checked	Reducers entered	Reducers checked	Effective depth entered	Effective depth checked	Effective depth diagram entered	Effective depth diagram checked	Positions plotted	Dragged strip traced	Tracing checked	Area subdivided	Subdivision checked	Transferred and inked	Compared with chart
A	Sept. 3	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓			✓					✓	
B	" 10				Not used																		
C	" 11	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓			✓			✓		✓	
D	" 14	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓			✓			✓		✓	
E	" 16	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓			✓			✓		✓	

DESCRIPTIVE REPORT.

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To accompany hydrographic sheet No. 3 (field number)

This sheet shows the wire drag survey in Grand Manan Channel, Canada, made by Wire Drag Party No. 2 during September, 1918.

This area was dragged in order to make sure that there were no obstructions to navigation along the east coast of Campobello, Island in the locality where very few soundings have been obtained.

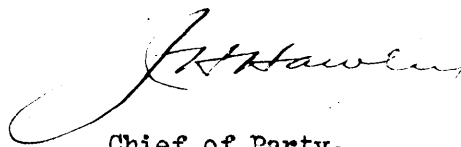
The work was therefore extended from the north limit of soundings opposite West Quoddy Head L.H. to a juncture with the drag work in Head Harbor Passage.

No obstructions were found in the area dragged.

As only a few days work was done on the sheet the boat sheet, which was made in the field, was also used as a smooth sheet.

Tidal observations for the reduction of the work were obtained at Eastport, Maine.

Respectfully submitted,



Chief of Party.

TABLE OF STATISTICS

To accompany hydrographic sheet No. 3

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Day	Date	Vol.	Drag Length	Positions	Soundings	Miles
A	Sept. 3, 1918.	1	6000	39	0	15.0
C	" 11 "	1	12000	36	0	12.0
D	" 14 "	1	6000	20	0	3.5
E	" 16 "	1	3200	11	0	2.0
				106	0	32.5

LIST OF SIGNALS. 4028

Hydrographic Sheet No. 3 (field number)

Hydrographic name	How located, etc.
Sis	Bliss L. L.H., C.G.S., 1918.
Hit	White Horse, 1863.
And	Spruce Island Spindle, 1918.
Sac	White washed rock Casco I. see p angle book.
Wood	E. Quoddy L.H. 1860.
Fog	Wolf I. L.H., angle and distance from station Wolf. measured by C.G.S., 1918.
Cam	East Campobello, 1918. C.G.S.
Bel	West Campobello, C.G.S., 1918.
West	West Quoddy Head L.H., 1860
Out	Lookout flagstaff, 1913.

* ~~Scientific~~ Triangulation by Canadian Geodetic Survey, Computed by Wire Drag Party No. 2 and included in the field computations.

ADDRESS THE SUPERINTENDENT
U. S. COAST AND GEODETIC SURVEY

AND REFER TO NO. 41-ACC



DEPARTMENT OF COMMERCE

U. S. COAST AND GEODETIC SURVEY

WASHINGTON May 6, 1919.

CHARTS ✓

FIELD RECORDS (C)

Division of Hydrography ✓ and Topography:

Division of Charts;

Tidal reductions hve been approved in
1 volume of Sounding records for

HYDROGRAPHIC SHEET 4028

Grand Manan Channel, Bay of Fundy, Maine
J. H. Hawley in 1918.

Plane of reference is
Mean low water, reading

7.2 ft. on tide staff at Eastport.

A handwritten signature in cursive script, appearing to read "A. P. Lusk".

Chief, Section of Tides
and Currents.

DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY

WASHINGTON

September 22, 1924.

SECTION OF FIELD RECORDS

Report on Wire Drag Sheet No. 4028

Grand Manan Channel, Me.

Surveyed in 1918

Instructions dated May 23, 1918.

Chief of Party, J. H. Hawley.

Surveyed by Wire Drag Party No. 2.

Protracted and inked by S. M. Ferguson.

Area and Depth Sheet by H. R. Edmonston.

Verified by A. L. Shalowitz.

1. As this work was of a confidential nature, no written instructions as to depth and extent of dragging were issued, but verbal information was furnished by the Chief of the Division of Hydrography and Topography to the Chief of Party. It is therefore assumed that the work was prosecuted in full accord with these instructions.
2. No shoals were discovered within the limits of the work on this sheet.
3. The overlaps are sufficient.
4. There were no splits developed on this work.
5. For the purpose of insuring safety to both submarine and surface navigation in the sparsely sounded area east of Campobello Island this survey is complete and no further dragging will have to be done. Other areas within the geographic limits of this sheet should be dragged whenever work is resumed in this locality.
6. Reviewed by A. L. Shalowitz, September, 1924.