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Diag. Ch. No. 1306-2

Form 504

DEPARTMENT OF COMMERCE  
U. S. COAST AND GEODETIC SURVEY

State: .....

11-5013

DESCRIPTIVE REPORT.

Sheet No. ....

LOCALITY:

191

CHIEF OF PARTY:

*R. P. Strough*

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*File this with descriptive  
report of Hyd. 2656.*

ANSWERED  
AUG  
26  
1913  
L. & A. DIV.

To A. Dir:

File with descriptive report  
of Hyd. 2656

Department of Commerce and Labor  
COAST AND GEODETIC SURVEY  
Washington

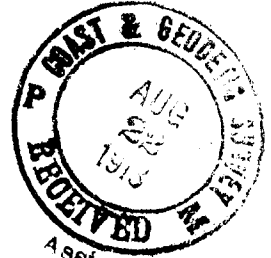
La A. Dir ✓

A. A. Dir

Tidal Div.

August, 22 nd. 1913.

Superintendent,  
Coast and Geodetic Survey,  
Washington, D.C.



I have the honor to forward herewith the following field records of an examination of a shoal in Portsmouth harbor, northward from Gangway rock and South Beacon, in compliance with your instructions of July 3rd.

- 1 volume Sounding record. *In Hyd 2656 #68221*
- 1 volume Tide observations. *#68218*

The 1903 tide staff at Portsmouth was recovered for the work and the soundings are referred to that staff. The least water found on the spot 70 yards N.N.E'd. from South Beacon was 19 feet while hydrographic sheet No. 2656 shows 17 feet at this point. The least water found on the spot lying 180 yards N.N.E'd. from South Beacon was 20 feet, while the sheet shows a depth of 19 feet here. There is probably no doubt that the least water on both of these shoals was found by the party of 1903.

It will be noted in the tide record that there has been submitted a revised description of two of the bench marks for the Portsmouth tide staff.

Respectfully,

*R. P. Strong*

Assistant, C. & G. Survey.

For Files of L. & A. Div.

MKQ  
Nov. 13, 1913.

HYDROGRAPHIC SHEET 2656 bis.

Portsmouth Harbor, N. H., by  
Assistant R. P. Strough in 1913.

TIDES.

	Portsmouth Ft.
Mean low water, or plane of reference on staff	5.3
Lowest tide observed " "	3.2
Highest " " " "	14.5
Mean range of tide	7.8