

2042^a

Diag. Cht. No. 77-1

Department of Commerce and Labor
COAST AND GEODETIC SURVEY

Superintendent.

State: *W. C.*

DESCRIPTIVE REPORT.

Sheet No.

LOCALITY:

Potomac River

1913

CHIEF OF PARTY:

W. C. Hodgkins

11-4846

2042^a

Discriptive Report
Shoal near Easbys Point
Potomac River,
District of Columbia
November 1, 1913

The hydrography on this sheet was executed in connection with locating a shoal spot near spar buoy No. 9, Easbys Point, Potomac River.

The tracing and signals were taken from topographic Sheet No. 2621.

The shoal spot reported was located after feeling around in the locality. No record was made of these soundings, the work being done at random. Regular lines however were run after locating the shoal to define the depths and bottoms adjacent to it. The 18 foot spot to the southward, as shown on the present chart, was found in this search and therefore the new shoal is a separate one and not to be confounded with it.

From the feel of the lead this 9-foot shoal is about 10 feet x 10 feet in extent and consists of a boulder pile of irregular shaped rocks with a sharp apex. The bottom beyond the limits of this shoal is all soft or sticky mud.

Ranges of natural objects to locate this shoal in lieu of sextant angles, are as follows:- Right tangent corner Huerich's Brewery on range with left tangent corner of frame house, note:- a flag pole shows over roof of this house. Left tangent corner of brick shop belonging to Cranford Paving Co. on range with left tangent of a red brick cupola, apparently on top of a school-house.

No tides were read, as from Office information there is
an automatic gauge in operation at Alexandria, Virginia.

Respectfully submitted,

W. C. Hodgkins

Assistant, C. & G. SURVEY.

VEC
Jan. 10, 1914.

HYDROGRAPHIC SHEET 2042^a.

Shoal near Easbys Point, Potomac River, D.C.,
by Asst. W. C. Hodgkins in 1913.

TIDES.

	Alexandria, Va. ft.
Mean low water, or plane of reference on staff	4.1
Lowest tide observed " "	2.2
Highest " " " "	8.5
Mean range of tide	2.8

Hyd. Sheet No. 2042^a

This work is all right as far as it goes and the records clear.

R. Johnston

W. G. P.