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Diagram No. 77-2

Treasury Department,
U. S. COAST AND GEODETIC SURVEY.

O. H. Tittmann
Superintendent.

State: *Md.*

DESCRIPTIVE REPORT.

Hydrographic Sheet No. 2650

LOCALITY:

*Severn River,
Chesapeake Bay*

1903

CHIEF OF PARTY:

G. L. Flower

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2

Write me at: **H-2650**
 Telegraph me at:
 My Express Office is:

U. S. COAST AND GEODETIC SURVEY,

Schooner Matchless

Aug. 15, 1903

2-547

Description Report
To Accompany Hydrographic Sheet

Hydrography

Severn River, Chesapeake Bay, Maryland

May 25 to July 25, 1903

By the Party in Charge of Geo. L. Flower, Asst.

“

Mr. O. H. Pittmann

Superintendent U. S. C. & G. Survey

Washington, D. C.

Sir:—

As the topographic survey of the shores of the Severn River was in hand and two plane table parties in the field, a sounding boat could be manned only at odd times and the hydrographic survey of the River

extended over two months.

No especial difficulty was encountered in the prosecution of the work and there is no feature requiring a special description.

Two tide gauges were established and used during the survey. One at the draw of the railway bridge and the other on a small wharf at Round Bay Resort.

The work was slow at first as the leadsmen and copswains were new hands. Some of the first lines run had to be rejected on account of faulty readings. Additional lines were run to cover the rejected work.

Just through the draw of the lower or County Bridge there is a sounding of $20\frac{1}{2}$ feet. A vessel passing over this sounding could proceed to the head of Round Bay with from a foot to two feet more water under her. From the head of Round Bay to Hobbs Creek, the water shoals gradually to 16 feet.

H-2650

As the old survey is not at hand, changes in depths cannot be noted. Comparing with the published chart, the $8\frac{1}{4}$ feet sounding, shown thereon, N.W. by N. of Cedar Point, was not found, and the 18 feet spot shown in the channel just below the railway bridge is not a separate shoal in the channel. The water deepens gradually from the shore at this place.

The names of the Creeks and Points will be found on the topographic sheets.

The topography along shore is rough hilly and broken with frequent steep eroded banks. The shore is heavily wooded or fringed with trees and underbrush and only a few farm houses can be seen from the River. ~~With~~

With the exception of a few landing places for row-boats and two wharves, at said pits, one on the River above Parked Creek and one at Parked Creek, there are no wharves on the River above the

H2650

County Bridge.

About this Bridge there is very little traffic on the River. During June and July 1903, not more than a dozen small schooners and scows passed through the bridge draws. These loaded sand at the sand pits mentioned above.

Respectfully submitted
Geo. L. Flower
Chief of Party, C. & G. S.

Applied to new chart 550
Sept 27, 1934 H.L.P.

DM

Department of Commerce and Labor
COAST AND GEODETIC SURVEY
Washington

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July 5, 1904.

Mr. Andrew Braid,

Assistant in charge of the Office.

Sir:

I forward herewith Hydrographic Sheet No. 2650,
"Severn River, Md.", by Assistant Flower in 1903, together
with report on same. This sheet is now ready for the approv-
al of the Office.

Report.

The protracting and plotting was well done and the
records well kept.

H. L. Simons. (Signed).

Respectfully,

Acting Chief, Drawing and Engraving Division.

Applied to reconstruction of chK 566 A/S D Sept 1947