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

O. H. Tittmann
Superintendent.

State: *Md.*

U. S. C. & G. SURVEY,
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DESCRIPTIVE REPORT.

Hydrographic Sheet No. *2652*

LOCALITY:

*Chesapeake Bay,
Off Kent + Poplar
Islands*

1903

CHIEF OF PARTY:

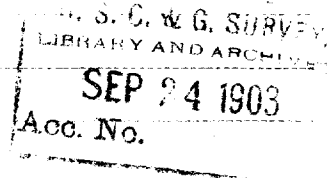
G. L. Flower

2652

Write me at:

Telegraph me at:

My Express Office is:



U. S. COAST AND GEODETIC SURVEY.

Schooner *Matchless*

Galloway, Md. Sept 21, 1903

2-547

Descriptive Report
Hydrography
Chesapeake Bay, Maryland
Off. Kent and Poplar Islands
" "

Mr. O. H. Pittmann,
Supt. U. S. C. & G. Survey
Washington, D. C.

Sir:—

The work on this sheet was executed in compliance with your Instructions, dated March 27, 1903, and the limits to be covered were indicated on the projection furnished me.

In order to develop the shoal at the entrance to Eastern Bay, it was necessary to extend the work at this place farther northward than indicated.

Bloody Point Lighthouse Redigone

was used and the reading of M.L.W. on the staff, used for the reduction of the soundings, was received from the Office.

In addition to the development of the shoal waters off Kent Island and at the entrance to Eastern Bay, four lines of soundings were run across the Bay far enough to the westward to enter the completed hydrography or that in hand, along the western shore of the Bay.

Owing to the strong tidal currents it was difficult to run straight lines, so positions were taken at short intervals. The launch was stopped and a position taken at the soundings which were too deep to get while underway.

As the soundings already in hand on the sheet are, presumably, selected soundings from the previous work, it is difficult for me to tell how closely my survey agrees with it. Between

positions 2 and 3 of "d" day I got 54 feet close to soundings of 50 to 53 feet of the previous survey, and between positions 71 & 72 of "d" day I got a sounding of 49 feet close to one of 47 and my soundings between these positions show a depression not indicated by the inked soundings from the previous work. Excepting the above, the agreement with the former survey seems fairly good.

In my own work the soundings from 113 e to 117 e are a foot deeper than those on the lines intersecting.

Respectfully submitted

Geo. L. Flower

Asst. Co. G, I. Comdg.

H2652

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REPORT
ON
HYDROGRAPHIC SHEET

NO. 2652.

Chesapeake Bay,
off Kent and Poplar Island
Md.
Assistant Flower,
1903.

In this work the positions and soundings were well
plotted and the records well kept.

H.L. Stmons (Signed)