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U. S. COAST AND GEODETIC SURVEY.

O. H. Tittmann, Superintendent.

State: Md. & Va.

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DESCRIPTIVE REPORT.

Sheet No. 2549-52.

LOCALITY:

Chesapeake Bay

1901.

CHIEF OF PARTY:

F. F. Weld.

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Topographic Sheet No.2549.

Scale-1/20,000. Date of survey - November 4 to 16,1901.
Locality-Fishing Bay as far south as Rose point,alsoBishops'Head from a point one mile west of the extreme S.E.end of the Headto and including Tedious Creek on the Fishing Bay side.
Control was secured by a system of plane-table triangulation based upon data furnished by Asst.W.I.Vinal,begining at his triangulation station "Rose."
But little was done in this region except to rerun the shore line of the Bay and make a survey of Elliott's Island,a settlement of some seventy families situated upon the hard land on the eastern side midway up the Bay.
Great difficulty was experienced at Elliott's Island in finding suitable accomodations for the party,which combined with the bad weather prevailing made this part of the work especially trying.

A list of positions was prepared as for sheet No. 2550. The station marks upon this sheet however,consist of two inch square spruce stubs driven firmly into the ground and left to project about six inches above the surface.

F. F. Weld,
Aid. C. & G. S.

Topographic Sheet No.2550.

Scale-1/20.000. Date of Survey - October 4 to November 4. 1904.

Locality - From Broad Creek, on the North shore of the Manokin River, to and including the Great Annemessex River.

The main shore line was rerun and all buildings on or near it located. Creeks leading into the marshes were rodded out to where they narrowed down to unimportant "guts" terminating in the marsh. These were left to be transferred from the original sheets of the locality, as examination showed them there represented with a sufficient degree of accuracy.

There are many new houses in the region between the Annemessex and the Manokin Rivers and an occasional new road. The houses were all located, with as much of the roads as could be reached from the shore. The old roads remain about as when first surveyed. Parts of them, including the main points of junction, were run out in order that they might be transferred if desired.

With the exceptions noted above but few changes were noted, aside from the erosion of the shore at all exposed points, as is the case in all parts of the Eastern Shore of Chesapeake Bay.

A list of the geographical positions of such plane-table stations as might become of use to the hydrographer, was prepared and sent to the Office, with a tracing showing their location. These stations were marked by driving a piece of two inch iron pipe firmly into the ground.

F. F. Weld,
Ass. Cor. G.S.

Topographic Sheet No.2551.

Scale 1/20,000. Date of Survey - Aug.22 to Oct.4. 1901,
Locality - From the mouth of the Great Annemessex River tothe Md.- Va.boundary line,including both sides of the Pocomoke River from its mouth.

A small scheme of triangulation furnished control for the plane-table work in the Pocomoke Sound. Computed positions an either side of the mouth of the Great Annemessex River were determined by the use of the three point problem.

This work was done in a manner similar to that upon sheet No. 2550,except that upon making an examination of the creeks in the large marsh area in the region,their representation upon the old sheet was found to be so erronious as to be misleading. They were thereforere-surveyed.

The Pocomoke River was surveyed up a distance of about four miles from its mouth in order to be sure that the boundary was reached. People living in the locality said the line left the River at the mouth of Pitts Creek,(the Creek emptying into it from the right just above the second wharf),but no boundary stone could be found. The boundary marks(piles) set at corners C & D by Assistants Hodgkins and Baylor in 1898 have dissapeared,having probably been carried away by the ice.

Although I was instructed to do no work that would interfere with a rapid resurvey of the shore-line,I deemed it desirable to make a survey of the town of Crisfield,as it is very close to the water and hardly existed at the time of the previous survey. At one time Crisfield was the center of the oyster industry on the Eastern Shore.The major portion of the business places are built upon made soil,consisting wholly of

Topographic Sheet No.2551,con.

oyster shells. This land has all been made since the original survey. Many other changes in the topographical features have been made since that survey. New roads and new houses have been built,so that a resurvey of the region is desirable.

The local names of the two large creeks on Pocomoke Sound,East Cr.and Morumsco Cr. are correctly given and were correctly given upon the original sheet,but are incorrect as given upon the chart. The sand island in front of Old House Cove,## now connected with the mainland as a point,was also shown upon the original sheet but does not appear upon the published chart.

The land bordering upon the Tangier Sound is in many places being rapidly washed away.

A list of positions was prepared and stations marked,as upon sheet No.2550.

F. F. Weld,
Aid. C.&G.S.

Topographic Sheet No.2552.

Scale-1/20.000. Date of survey-November 16 to Dec.4. 1901,
Locality - Ellis Bay, the Wycomico River to White Haven, and Monie Bay.

The shore line was resurveyed with the plane-table, care being taken to locate the ends of roads coming down to the shore. A system of plane-table triangulation was carried up the River. The stations were marked for the use of hydrographic parties.

The town of White Haven and the thickly settled ~~community~~ district between Monie Bay and the Wycomico were mapped in order to obviate the necessity of a parties having to go there for a little work.

A list of geographical positions of plane-table stations was prepared as for sheet No.2550. Upon this sheet the stations were marked by the use of spruce scantling, three by four inches, bythree feet long.

F. F. Wyld
aid. Coast S.