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U. S. Coast and Geodetic Survey
APR 18 1917
Ass. No.



FORM 504

DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY

State: _____

11-5613

DESCRIPTIVE REPORT.

Top Sheet No. *3662*

LOCALITY:

191

CHIEF OF PARTY:

3662

Descriptive Report

Plane Table Sheet No.1. Pamlico Sound

Core Sound to Hatteras Inlet

North Carolina

May - Oct. 1916

P. M. Trusblood.

F. B. T. Siems.

Chiefs of Party

The topography of this sheet includes a section of the southern part of the Pamlico Sound, from Hatteras Inlet to the entrance of Core Sound; known as "The Banks" by its inhabitants.

Part of the triangulation which controls this topography was executed this season and forms part of the triangulation of Assistant John W. Maupin 1909. The hydrographic signals that have been located by topography are marked in red circles with the names used by the hydrographic party, and are all given in the list of plane table positions accompanying this report.

The whole south shore line on the Atlantic Ocean side is a straight sand beach ridge of about three or four feet elevation. Extreme high tides wash over this low sand ridge.

The north shore line is much cut up, and is a grass marsh for the entire stretch, except at the place of "swashes", where the variation of tides keeps the sand soft and wet over large areas. Extreme high tides, caused by northerly winds, flood the marsh land.

The topography on both sides of Hatteras and Ocracoke Inlets and the islands in the inlets, is constantly changing. The change seems to be more marked on the east side of these inlets, where the land seems to be making.

The small islands at Ocracoke Inlet, namely White Rock, Ayers Rock, Shell Castle and the small group just to the westward of Beacon Id. are low shell rocks, being mostly covered during high tide. North RK. which has a few fish camps at its N. W. end, Beacon Id. which has a large club house at its southern end, and Casey Id., are all low, grassy, marshy islands.

The islands at the entrance of Core Sound; Shell Island, Harbor Island, and Chain Shot Island are islands of shell rock. Wainwright Island is a low grassy, marshy, island.

The towns shown on this sheet are Portsmouth and Ocracoke Islands.

Portsmouth which lies on the west side of Ocracoke Inlet is a small town of about 150 population. It has a general store, a school, a church and a life saving station. It has three fish boats a week plying to each Washington N. C. and Moorehead City, N. C. It also has a daily (except Sunday) delivery of mail by launch from Beaufort, N. C.

Ocracoke, which lies to the eastward of Ocracoke Inlet is a larger town of about 400-500 population. From this town there are also three fish boats going to Washington, N. C. every week, and one fish boat going to Beaufort every day. Ocracoke is the end of the daily (except Sunday) mail route from Beaufort N. C. This town has two churches, two small hotels, a school, a number of general stores, a life saving station, and a light house. During the summer months it is quite a summer resort, and harbors many people from Washington, N.C., Newbern, N.C. Beaufort, N.C. and other towns on the main land. It has three wharfs out in Pamlico Sound and a

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number of small wharfs in Silver Lake, which is an excellent harbor for
boats not drawing more than three feet.

Mr. H. E. Jedamske, Deck Officer, executed the topography.

Respectfully submitted,

H. E. Jedamske
Deck Officer, C. & G. S.

Approved
J. P. Adams
Chief of Party

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