

3663

C. & G. SURVEY,
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Diag. Ch. Nos. 537 & 1231-1

Department of Commerce and Labor
COAST AND GEODETIC SURVEY

D. H. Tittmann
Superintendent.

State: *N. C.*

DESCRIPTIVE REPORT.

Hyd. Sheet No. *3663*

LOCALITY:

1914

CHIEF OF PARTY:

P. C. Whitney

11-4640

3663

Discriptive Report
to accompany hydrographic sheet 3663
Pamlico River, Core Point to Adams Point
North Carolina
March-April, 1914
Paul C. Whitney
Chief of Party

The hydrography executed on this sheet was done in accordance with notes on Chart No. 144^a, furnished me by the Office, as supplementing my instructions under date of December 4, 1913.

The signals as plotted depend upon a triangulation scheme observed by this party during the season. Some few in blue were cut in by sextant angles by the hydrographic party, the angles being recorded in the sounding records.

All buoys within the limits of the sheet were cut in and plotted on the smooth sheet. The angles are recorded in the sounding records. A new wharf, not shown on the present chart has been built some east of Bath Creek. There is a saw-mill located here and a good deal of lumber is shipped out. Ten feet can be brought to the dock. The location is shown on the hydrographic sheet. A large water-tank was cut in by triangulation. It is a very prominent object in passing up or down the river and should be plotted on the chart.

Attached to this report is a section cut from Chart No.

537 showing a draw-bridge which has been erected across Bath

*See letter 305 (1914)
Draw. section files.*

Creek at Bath, N. C. The draw has a clear width of 30 feet.

Tides were read at Pamlico Point Light-house, to reduce the soundings by. The plane of reference was determined by taking the mean of all the low waters observed during the period. The height of water depends practically upon the direction and velocity of the wind. The plane used corresponds to a gauge reading of 5.0 feet.

Respectfully submitted,

A handwritten signature in cursive script that reads "Paul Whitney". The signature is written in dark ink and is positioned above the typed name.

Chief of Party, C. & G. Survey

List of Statistics

Hydrographic Sheet

Pamlico River, Core Point to Adams Pt

North Carolina

March - April, 1914

Scale= 1/20,000

Date 1914	Let	Vol	No. of Miles	No. of Pos.	No. of Sdgs	Boat
Mar. 25	a	1	7.0	76	403	Stbd Launch
" 26	b	1	16.25	134	682	ditto
" 27	c	1	15.75	154	791	ditto
Apr. 2	e	1	4.25	43	221	ditto
" 2	e	2	2.50	30	160	ditto
" 3	f	2	11.75	137	690	ditto
" 6	<u>g</u>	<u>2</u>	<u>9.00</u>	<u>102</u>	<u>630</u>	ditto
Totals	6	2	66.50	676	3577	

Soundings on this sheet in fathoms

Tide Gauge for reduction of Soundings located at Pamlico Pt. L.H.

Plane of reference, reading on gauge= 5.0 feet M. L. W.

Lowest tide observed= 3.6 feet

Highest tide observed= 6.0 feet

VEC
July 22, 1914

Sty 2. 3663

HYDROGRAPHIC SHEET 3663.

Pamlico River, Core Point to Adams Point, North Carolina,
by Asst. Paul C. Whitney in 1914.

Tides.

	Pamlico Light ft.
Mean low water, or plane of reference on staff	5.0
Lowest tide observed " "	3.6
Highest " " " "	6.4
Mean range of tide	0.4

H. 3663.

Small patches of supplementary work in Pamlico River.
shore line. The work appears satisfactory.

No sheet examined in Div.
of Hyd'y & Top'y.