

3662

C. & G. SURVEY,
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Department of Commerce and Labor
COAST AND GEODETIC SURVEY

O. H. Tittmann,
Superintendent.

State: *N. C.*

DESCRIPTIVE REPORT.

Floyd, Sheet No. *366**
Hyd. *3662*

LOCALITY:

Pamlico River, N. C.

Vicinity of Washington N. C.

1914

CHIEF OF PARTY:

Paul C. Whitney

11-4645

3662

Discriptive Report

to accompany Hydrographic Sheet 3662
Pamlico River, in the vicinity of Washington

North Carolina

March 1914

Str. Hydrographer

Paul C. Whitney

Chief of Party

The hydrography on this sheet was executed to show the depths of water on the various dumping-grounds outside of the dredged cuts leading to Washington.

The signals used depend upon triangulation executed the same season by this party.

Dumping-grounds for material from the dredged cuts were designated by the Army Engineer's and these areas were gone over in this work. The areas are full of bad snags, cypress stumps, etc, taken from the river bottom, and especially so on the middle-ground between McWilliams Pt. Light (old) and McWilliams Pt. Light (new), where in places they show above high water. In the area between Stations Creek and Fort there is another exposed snag. Along the south shore from Rodney Creek to the county bridge at Washington the area is quite full of snags and stumps. This dumping has been so pronounced that it has almost forced all craft to keep to the cuts. This is bad for sailing vessels navigating up or down the river under an unfavorable wind and for motor-boats wishing to cruise in the river.

No soundings were made in the main channel cuts, as the Army Engineers project is for 10 feet at mean low water, to Washington, and the dredging was not completed at the time of this hydrography, above Rodman Point Light.

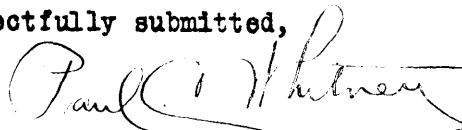
The project called for is a 10 foot cut at mean low-water 200 feet wide from Hill's Creek Light, red structure, to Fork Point Light, red structure, thence pass McWilliam's Point Light, red structure, (New) to Rodmans Pt. Light, black structure, (new), thence to Windmill Pt. Light, red structure, (new), thence to the Norfolk Southern R.R. bridge, passing midchannel between red and black buoys, through the draw, to the wharves at Washington. At the time of the survey the channel had been completed to Rodmans Pt. Light, black structure, (new) and from there the old nine foot channel has to be followed, viz: to Rodmans Pt. Light, black structure, (old) thence to Windmill Pt. Light, red structure, (old), mid channel between the buoys to the draw.. Both the old and new structures are in place. It is contemplated by the Engineers to continue dredging operations after July 1st, on the new appropriation.

A ten foot dredged channel, marked by buoys maintained by the Pamlico Chemical Company, branches off the main channel north of Rodmans Pt. Light (old) and leads to their wharf 1/3 mile N. W. of Austin's Point. Ten feet can be carried to the outer face of the dock. The dredged material from this channel was placed on the southern side, which now bares at extreme low-water.

Storm warnings are displayed by the U. S. Weather-bureau from a tower near the N. E. end of the N. S. R.R. bridge.

Tides were read at the Army Engineer's tide-staff, at the Light -house dock, Washington. to reduce these soundings by and the plane of reference is mean low water at that place, established by them in 1909 from two daily observations during October, November and December, during which period the water in the river was generally very low.

Respectfully submitted,



Chief of Party, C. & G. Survey,

Commanding.

Hyd. 3662

List of Statistics

to accompany Hydrographic Sheet

Pamlico River, in the vicinity of Washington

North Carolina

March 1914

Date 1914	letter	Vol.	No. miles	No. of positions	No. of soundings	Boat.
Mar. 7	a	1	6.25	73	354	Stbd launch
" 9	b	1	4.25	63	291	ditto
" 10	c	1	11.5	157	651	ditto
" 11	d	1	10.5	130	596	ditto
" 13	e	2	9.5	137	617	ditto
" 14	f	2	10.5	128	581	ditto
" 16	g	2	7.5	98	458	ditto
" 17	h	2	5.0	71	317	ditto
" 17	h	3	2.5	33	185	ditto
" 18	i	3	0.5	18	77	ditto
" 19	j	3	6.5	76	288	ditto
Totals	10	3	74.25	984	4411	—

VEC
July 21, 1914

HYDROGRAPHIC SHEET 3662.

Pamlico River, North Carolina, by Assistant Paul C. Whitney
in 1914.

TIDES.

	Washington ft.
Mean low water, or plane of reference on staff	0.0
Lowest tide observed " "	-2.5
Highest " " " "	1.9
Mean range of tide	1.0

H. 3662.

• Shore line should be drawn on sheet, a number of shoal sound-
ings in places surrounded by greater depths should have received
more attention.

Sheet examined in Div.
of Hyd'ly. & Top'ly.