

6476

Form 504
Rev. April 1935
DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY

DESCRIPTIVE REPORT

Topographic }
Hydrographic } Sheet No. 00

U. S. COAST & GEODETIC SURVEY
LIBRARY AND ARCHIVES
APR 23 1936
Acc. No.

State North Carolina

LOCALITY

NEUSE RIVER

Northwest Creek.

Fort Point to Hampton Shoal (Br)

1935

CHIEF OF PARTY

John A. Bond

6476

DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY

REG. NO.

TOPOGRAPHIC TITLE SHEET

The Topographic Sheet should be accompanied by this form, filled in as completely as possible, when the sheet is forwarded to the Office.

Field No. QQ **6476**

REGISTER NO.

State North Carolina

General locality NEUSE RIVER

Locality ~~Northwest Creek Fort Pt. to Hampton Shoal~~ F-1

Scale 1:10,000 Date of survey November, 1935

Vessel LIKANE

Chief of party John A. Bond

Surveyed by Edmund L. Jones

Inked by Edmund L. Jones

Heights in feet above.....to ground to tops of trees

Contour, Approximate contour, Form line interval.....feet

Instructions dated August 31, 1934

Remarks:.....

DESCRIPTIVE REPORT

To Accompany Topographic Sheet QQ

Instructions dated August 31, 1934
Project No. HT-197

NEUSE RIVER
Northwest Creek

GENERAL DESCRIPTION

This sheet covers the shoreline of Neuse River, from Fort Point to 1 3/4 miles southeast of Johnson Point on the south shore and from 3/4 mile north of Fort Point Beacon to the entrance of Upper Broad Creek on the north shore, together with the shoreline of Northwest Creek.

There are many duck blinds along the south shoreline. They are of a temporary nature and are of no danger to navigation.

The several small islets appearing on this sheet are sand bars covered with grass. The bars are covered at high water. The grass, however, extends about 2 to 3 feet above at this stage of the tide.

The land area on the south shore is mostly under cultivation. The several bluff banks are prominent from the river. The wooded areas along this shoreline do not extend far inshore.

The land area on the north shore is low with a fringe of tall marsh grass paralleling the shore. The area inshore from the marsh is thickly covered with brush, cypress, gum and southern pine.

The two wrecked ships appearing on this sheet (at 0 La and near 0 Ic) have part of the planking and ribs extending above high water.

CONTROL AND SURVEY METHODS

The fifteen triangulation stations on this sheet gave ample control on the Neuse River. The shoreline on the river was surveyed entirely by resections and three point fixes.

Traverse methods were used on Northwest Creek.

Traverse	Dist. Stat. Mi.	Closing error	Remarks
1 Δ Station West to Δ Station Silver	1.3	3.5m	adjusted
2 0 Mow to 0 Jar	1.6	—	unclosed

On traverse 2 it was impossible to use the azimuth mark at station Silver without a great deal of clearing. The traverse was started from an adjusted position of 0 Mow with an orientation on 0 Dik (at mouth of creek). Extra precautions were taken on this traverse to guard against error.

The treeline was sketched from cuts and estimated distances.

CHARACTER OF MARSHES

The marsh area inshore from the high water line is covered with high marsh grass and, in most cases, the lower portion is not covered at high tide.

NEW NAMES

There are no new names appearing on this sheet.

LANDMARKS

"Landmarks for Charts" and "Non-floating Aids to Navigation" have been submitted as separate reports.

RECOVERABLE TOPOGRAPHIC STATIONS

Other than triangulation points there are no recoverable stations in the area covered by this sheet.

Submitted by,

Edmund L. Jones

E. L. Jones

Aid, C. & G. S.

Approved by,

John A. Bond
John A. Bond
H. & G. Engr.
Chief of Party

Remarks

Decisions

1		
2		
3	<i>has "Rebel Fab," showing origin of name</i>	<i>Fort Point</i>
4		
5		
6	<i>the actual shed is in center of river, and, being hyd. feature, not shown here.</i>	
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GEOGRAPHIC NAMES

Survey No. **6476**

On Chart No. **538**
 On previous survey No. **71031**
 On U. S. quadrangle Maps **INDEX**
 From local information **77018**
 On local Maps
 P. O. Guide or Map
 Rand McNally Atlas
 U. S. Light List **USCP**

Name on Survey

	A	B	C	D	E	F	G	H	K	
<u>Bay Point</u> ✓	*			—						1
<u>Northwest Creek</u> ✓	*	✓		✓	✓					2
<u>Fort Point</u> ✓	*	✓		✓				✓		3
<u>Johnson Pt.</u> ✓	*	✓		✓	✓			✓		4
<u>Neuse River</u> ✓	*	✓	—	✓			✓	✓	✓	5
<u>Hampton Shoal (Bn)</u> ✓	*							—		6
										7
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Names underlined in red approved
 by *[Signature]* 01/6/43/36

MEMORANDUM

IMMEDIATE ATTENTION

SURVEY
 DESCRIPTIVE REPORT
~~PHOTOSTAT OF~~

No. ~~H~~

No. T **6476**

{ received APR 21 1936
 registered MAY 20 1936
 verified
 reviewed
 approved

This is forwarded in order that your attention may be directed to the matters as indicated below. Please initial in column 3 as an acknowledgement that your attention has been thus directed. The complete original records are available if desired. If you cannot give this your immediate attention, please initial, note, and forward to the next section marked, calling for the records at your convenience.

ROUTE		Initial	Attention called to
20			
22			
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62			
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82			
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90			

RETURN TO

82	
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C. K. Green

REVIEW OF TOPOGRAPHIC SURVEY No. 6476

Title (Par. 56) *Fort. Point to Hampton Shoal Br., N. Carolina*Chief of Party *J. A. Bond* Surveyed by *E. L. Jones* Inked by *E. L. Jones*Ship *Mikawa* Instructions dated *Aug 31, 1934* Surveyed in *Nov. 1935*

1. The survey and preparation for it conform to the requirements of the Topographic Manual. (Par. 7, 8, 9, 13, 16.) ✓
2. The character and scope of the survey satisfy the instructions. ✓
3. The control and closures of traverses were adequate. (Par. 12, 29.) ✓
4. ~~The amount of vertical control that the Manual specifies for contours-formlines was accomplished. (Par. 18, 19, 20, 21, 22, 23.)~~
5. ~~The delineation of contours-formlines is satisfactory. (Par. 49, 50.)~~
6. There is sufficient control on maps from other sources that were transmitted by the field party to enable their application to the charts. (Par. 28.) *None Submitted*
7. High water line on marshy and mangrove coast is clear and adequate for chart compilation. (Par. 16a, 43, 44.) ✓
8. The representation of low water lines, reefs, coral reefs and rocks, and legends pertaining to them is satisfactory. (Par. 36, 37, 38, 39, 40, 41.) ✓
9. ~~Rocks and other important details shown on previous surveys and on the chart were verified. (Par. 25, 26, 27.)~~
See Reverse Side
10. ~~The span, draw and clearance of bridges are shown. (Par. 16e.)~~
11. ~~Locations and elevations of summits are given. (Par. 19, 51.)~~
12. ~~The tree line was shown on mountains. (Par. 16g.)~~

NOTE: Strike out paragraphs, words or phrases not applicable and modify those requiring it. Paragraph numbers refer to those in the Topographic Manual. Use reverse side for extending remarks.

Paragraph 9

T1018(1866) and T1031(1866)

These surveys are in good agreement with the present survey generally, especially considering the marsh shore line which constitutes nearly the entire survey. New stumps, piles and docks appear on the present survey that did not show on the old surveys. Old docks which were shown on the old surveys are non existant on the present survey. Minor changes in detail of shore line have also taken place, which is only natural along a river bank in a low country such as this.

T6476 supersedes T1018 and T1031
in part.

13. The descriptive report covers all details listed in the Manual, in so far as they apply to this survey. (Par. 64, 65, 66, 67.) ✓
14. ~~The descriptive report also contains additional information required in aere topography relative to type of photographs, method of compilation and type of ground control.~~
15. The descriptions of recoverable stations and references to shore line were accomplished on Form 524. (Par. 29, 30, 57, 67 except scaling of DMs and DPs, 68.) *None Submitted*
16. A list of landmarks for charts was furnished on Form 567 and plotting checked. (Par. 16d, e, 60.) ✓
17. The magnetic meridian was shown and declination was checked. (Par. 17, 52.) *Declination checks value on chart
No note of having checked declination*
18. The geographic datum of the sheet is *N.A. 1927 (Adjusted)* and the reference station is correctly noted. (Par. 34.)
19. Junctions with contemporary surveys are adequate. ✓
*Joins T 6477 (1935) on the North
Joins T 6474 (1935) and T 6475 (1935) on the South*
20. Geographic names are shown on the sheet and are covered by the Descriptive report. (Par. 64, 66k.) ✓
21. The quality of the drafting is good. (Par. 31, 32, 33, 35, 36, 37, 38, 39, 40, 41, 42, 45, 46, 47, 48, 49, 50.) ✓
22. No additional surveying is recommended. ✓
23. The Chief of Party inspected and approved the sheet and the descriptive report after review by ✓
24. Remarks:

Reviewed in office by *Chas. R. Bush Jr* June 17, 1936

Examined and approved:

C. H. Green
Chief, Section of Field Records

L. A. Pollock
Chief, Division of Charts

Fred. L. Peacock
Chief, Section of Field Work

Wade
Chief, Division of Hyd. and Top.