

6478

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

DESCRIPTIVE REPORT

Topographic }
Hydrographic } Sheet No. SS

U. S. COAST & GEODETIC SURV^Y
LIBRARY AND ARCHIVE
APR 23 1936
Acc. No.

State North Carolina

LOCALITY

NEUSE RIVER - TRENT RIVER

Vicinity of New Bern, N. C.

193 5

CHIEF OF PARTY

John A. Bond

U. S. GOVERNMENT PRINTING OFFICE

6478

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. SS 6478

REGISTER NO.

State North Carolina

General locality NEUSE RIVER + TRENT RIVER

Locality Vicinity of New Bern, N. C.

Scale 1:5,000 & ~~1:10,000~~ Date of survey January & December, 1935-36

Vessel MIKANE

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 SS

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

NEUSE RIVER
Trent River,
New Bern, N. C.

GENERAL DESCRIPTION

This sheet covers the shoreline of Neuse River at New Bern, N. C. together with Lawson Creek and a portion of Trent River.

In general the shoreline is foul. Numerous piling, especially between the highway bridge and the railroad bridge on the Neuse River, extend considerable distance offshore. These Piling were originally lumber wharfs which were razed by a water-front fire.

Only two of the marine railways shown on the sheet are in operation. The Barbour Boat Works (on the north side of the Trent River about 50 meters east of the highway bridge) can haul vessels up to 80 tons gross weight and 80 feet in length. They carry a small amount of marine supplies.

The Meadows Marine R.R. (located about 250 meters west of Union Point) can handle vessels up to 200 tons. The cradle on the railway is 150 feet in length. There is a small machine shop in connection.

Gasoline and oil may be obtained at 3 docks on the Trent River between Union Point and the N.S.R.R. Bridge.

None of the wrecks shown on this sheet are completely submerged at high water.

CONTROL AND SURVEY METHODS

The 21 triangulation stations appearing on this sheet give rigid control. The detail was rodded from positions located by resections and 3 point fixes.

CHARACTER OF MARSHES

The marsh area appearing on this sheet is covered with high marsh grass and, in most cases, the lower portion is not covered by high water.

The grassy islets in the vicinity of @ Zoo are covered at high water, as is also the islet 20 meters south of @ Law.

NEW NAMES

The name Union Point for the point formed by the junction of the Trent and Neuse River, is in local usage and appears on the city plan of New Bern.

OTHER SURVEYS

There is forwarded with the topograph sheet a "Plan of the City of New Bern", a field examination of which was made on December 20, 1935. The shoreline shown on the city plan is no longer correct. The street plan, however, is the same as at the present time. Rod shots common to both the city plan and the topographic sheet are marked with red circles, the circles on the topographic sheet being smaller than the circles for hydrographic use. The width of the streets as shown on the city plan is the street right of way, while on the topographic sheet the streets shown are the actual width from curb to curb.

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. Engineer
Chief of Party

Remarks

Decisions

	Remarks	Decisions
1	new bern mt 103)	New Bern
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6		
7	Norfolk southern #	
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24		
25	#terminal of Atlantic Coast	
26	Line, from Wilmington, in	
27	New Bern is not indicated on	
	this sheet skt	

GEOGRAPHIC NAMES

Survey No. 6478

Name on Survey	On Chart No. 538		On previous survey No. T1031		On U. S. quadrangle Maps		From local information		On local Maps		P. O. Guide or Map		Rand McNally Atlas		U. S. Light List	
	A	B	C	D	E	F	G	H	K							
<u>New Bern</u> ✓	*	✓				✓					✓					1
<u>Union Pt.</u> ✓				✓	✓										*	2
<u>Trent River</u> ✓	*	✓		✓												3
<u>James City</u> ✓	*			✓						✓						4
<u>Lawson Creek</u> ✓	*	✓		✓												5
<u>Bridgeton</u> ✓	*			✓												6
<u>N. S. R. R.</u> ✓	*			✓							Railway Guide					7
<u>Neuse River</u> ✓	*		✓	✓							✓	✓	✓			8
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Names underlined in red approved
by *[Signature]* on 6/4/36

MEMORANDUM

IMMEDIATE ATTENTION

SURVEY
 DESCRIPTIVE REPORT
~~PHOTOSTAT OF~~

No. ~~H~~
 No. T **6478**

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
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RETURN TO

82	
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C. K. Green

REVIEW OF TOPOGRAPHIC SURVEY No. 6478

Title (Par. 56) *Vicinity of New Bern, North Carolina*Chief of Party *J.A. Bond* Surveyed by *E.L. Jones* Inked by *E.L. Jones*Ship *Mitawe* Instructions dated *Aug. 31, 1934* Surveyed in *Jan. 1936*
Dec. 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 and lines was accomplished. (Par. 18, 19, 20, 21, 22, 23.)~~
5. ~~The delineation of contours and lines 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.) *City map of New Bern submitted with Descriptive Report*
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. ~~Reefs and~~ other important details shown on previous surveys and on the chart were verified. (Par. 25, 26, 27.) ✓
10. The span, draw and clearance of bridges are shown. (Par. 16c.) ✓
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

T928 (1863)

This survey was made during the Civil War and is on a much smaller scale than the present survey, T6478. T928 is of no value in making a comparison with the present survey.

T1031 (1866)

This survey is much more complete than T928, but like T928 it emphasizes fortifications. The present survey T6478 shows many changes over T1031 and, also, over the Chart 538. Features that are not man changed are in fair agreement.

T6478 supersedes T928 (1863) and T1031 (1866) 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 declinatoire
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 North and 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. P. Bush Jr* *June 13, 1936*

Examined and approved:

E. H. Green
Chief, Section of Field Records

L. O. Rollbut.
Chief, Division of Charts

Fred. L. Peacock
Chief, Section of Field Work

G. H. Hude
Chief, Division of Hyd. and Top.