

6466

Form 504
Rev. Dec. 1933
DEPARTMENT OF COMMERCE
U.S. COAST AND GEODETIC SURVEY
R. S. PATTON, DIRECTOR

DESCRIPTIVE REPORT

Topographic }
Hydrographic } Sheet No. EE

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

State North Carolina

LOCALITY

Neuse River

Pierson Pt. eastward

Dawson Creek

193 5

CHIEF OF PARTY

John A. Bond

6466

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. EE **6466**

REGISTER NO.

State North Carolina

General locality Neuse River

Locality ~~Pierson Pt. eastward,~~ Dawson Creek

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

Vessel MIKAWA

Chief of party John A. Bond

Surveyed by C. F. Chenworth

Inked by C. F. Chenworth

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 EE

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

Neuse River, N. C.
Pierson Pt. eastward.

GENERAL DESCRIPTION

The sheet is a survey of the north shore of Neuse River from a point about $1\frac{1}{4}$ miles southwest of the town of Oriental to Pierson Point and includes the surveys of Dawson and Tar Kiln Creeks and the upper portion of Greens Creek. The upper portion of Greens Creek, as shown, joins with the air-photo compilation.

The area adjacent to the shoreline on the sheet is a combination of timber-land and farm-land with some fringes of marsh, particularly along the creeks.

LANDMARKS

"Landmarks for Charts" will be made the subject of a separate report to be submitted for the entire project.

CONTROL

The control was adequate, triangulation stations being about a mile apart.

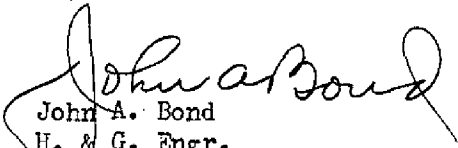
SURVEYING METHODS

Standard Coast Survey methods were used throughout. Traverses were run and checked by graphic triangulation where possible. There was no control point at the head of Tar Kiln Creek but extra care was taken to guard against error in traversing up the stream. All closures were satisfactory and were adjusted in the field.

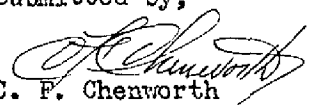
CHARACTER OF MARSHES

In most cases the lower portion of the grass is not covered by high water in the marsh area.

Approved by,


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

Submitted by,


C. F. Chenworth
Aid, C. & G. S.

Remarks

Decisions

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6	<i>the "S" has been removed on chart 538 by some Previous name reviewer</i>	<u>GREEN</u>
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GEOGRAPHIC NAMES

Survey No. **6466**

On Chart No. **538**

On previous survey No.

On U. S. quadrangle Maps

From local information

On local Maps

P. O. Guide or Map

Rand McNally Atlas

U. S. Light List

Name on Survey

	A	B	C	D	E	F	G	H	K	
<u>Neuse River</u> ✓	*			✓			✓			1
<u>Dawson Creek</u> ✓	*			✓						2
<u>Tar Kiln Creek</u> ✓	*			✓						3
<u>Janeiro</u> ✓	*			✓		✓	✓			4
<u>Pierson Pt.</u> ✓	*			✓						5
<u>Green Creek</u> ✓	*			✓						6
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Names underlined in red approved
 on 6/2/36
 [Signature]

MEMORANDUM

IMMEDIATE ATTENTION

SURVEY
 DESCRIPTIVE REPORT }
~~PHOTOSTAT OF~~ }

No. H

No. T **6466**

{ 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

May 25, 1936

REVIEW OF TOPOGRAPHIC SURVEY No. 6466(1935) Field No. EETitle (Par. 56) Dawson Creek, Neuse River, N.C.Chief of Party John A. Bond Surveyed by C.F. Chenworth Inked by C.F. ChenworthShip MIKAWA Instructions dated Aug. 31, 1934 Surveyed in Sept. 1935
(Natoma)

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.) ✓
except that the errors of closures were not listed.
4. The amount of vertical control that the Manual specifies for -contours-formlines- was accomplished. (Par. 18, 19, 20, 21, 22, 23.) ✓
No contours shown.
5. The delineation of -contours-formlines- is satisfactory. (Par. 49, 50.) ✓
No contours shown.
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 ^{offshore} 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.

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 aero-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 established, due to adequacy of triangulation.~~ ✓
One or two marked stations up Sawzari creek would have been desirable.
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 ^{but there is no evidence that the declinatoire} and declination was checked. (Par. 17, 52.) ✓
18. The geographic datum of the sheet is North American 1927 and the values ^{of the reference station is correctly noted.} ~~(Par. 34.)~~ ^{are based on a field adjustment. These are not available.} ✓
19. Junctions with contemporary surveys are adequate.
The junction on the east with Air Photo Compilation: T-5565(1934) will be considered in the review of that survey.
20. Geographic names are shown on the sheet and ^{but are not} ~~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

Harold W. Murray
*Inspected by A. L. Shalant**May 28, 1936*

Examined and approved:

C. H. Green
Chief, Section of Field Records*L. O. Robert*
Chief, Division of Charts*Fred. L. Peacock*
Chief, Section of Field Work*W. H. de*
Chief, Division of Hyd. and Top.