

6407

Form 504
Ed. June, 1928

DEPARTMENT OF COMMERCE

U. S. COAST AND GEODETIC SURVEY

R. S. PATTON, Director

State: N. C.

DESCRIPTIVE REPORT

Topographic
Hydrographic

Sheet No. N 6407

LOCALITY

North Carolina

Pamlico River

Vicinity of North Creek

1935

CHIEF OF PARTY

John A. Bond

U. S. GOVERNMENT PRINTING OFFICE: 1921

DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY

U. S. COAST & GEODETIC SURVEY
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MAR 13 1936

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. N

REGISTER NO. 6407

State North Carolina

General locality PAMLICO RIVER

Locality Vicinity of North Creek
~~Hickory Point to Long Point~~ Vic of N. Creek

Scale 1:10,000 Date of survey April, 19 35

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, 19 34

Remarks: _____

DESCRIPTIVE REPORT

To Accompany Topographic Sheet N

Pamlico River
Vicinity of North Creek

Instructions dated August 31, 1934

Project No. HT-197

GENERAL DESCRIPTIONS

The sheet covers the north shore of Pamlico River about one mile each side of the entrance to North Creek, and the south shore of the river from Hickory Point to Long Point.

This country is mostly low, wooded land or farm lands behind a fringe of trees along the shore. Offshore it presents the appearance of being all wooded.

There are no settlements in this area and no features outstanding enough to warrant special comment.

LANDMARKS

There are no objects within the limits of the sheet suitable as landmarks.

CONTROL

The control was adequate. Triangulation stations were so located that it was not necessary to extend traverses for more than about a mile and a half, and all traverses were started and ended on triangulation stations.

SURVEY METHODS

Standard Coast Survey methods were used throughout. The closure of the traverse extended between stations Hick and Found on the south shore was negligible and no adjustment was necessary. On the north shore the traverse between stations North and Turn fell short of closing on station Turn by about six meters and the traverse from station Cousin fell short of closing on station Turn by about fifteen meters. This was evidently due to a poor rating on the telemeters as both traverses were rerun and identical results were obtained. In addition, cuts were obtained on signals from the opposite side of the river, which showed an increasing error in the direction of progress of the traverses. All of the topography on the north shore was then adjusted by shifting signals in the proper direction to close out on the triangulation stations and to fall upon the cuts taken to them from the opposite side of the river. The shoreline was then adjusted between the adjusted positions of the signals.

PLANETABLE POSITIONS

There were no natural objects which would make good permanent planetable positions, and no stations were marked because the triangulation control was considered plentiful.

CHARACTER OF MARSHES

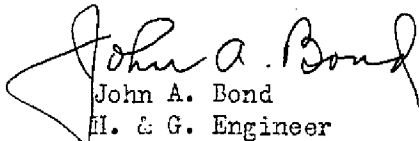
The only marshlands within the limits of the sheet are narrow strips along some sections of the shoreline, which are seldom covered by high water.

Submitted by:



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

Approved by:



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

Remarks

Decisions

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GEOGRAPHIC NAMES

Survey No. T6407

GEOGRAPHIC NAMES											
Survey No. T6407											
Name on Survey	<div>On Chart No. 537</div> <div>On previous survey.</div> <div>On U. S. Maps <i>index</i></div> <div>From local information</div> <div>On local Maps</div> <div>P. O. Guide or Map</div> <div>Rand McNally Atlas</div> <div>U. S. Light List</div> <div><i>U.S.C.P.</i></div>										
	A	B	C	D	E	F	G	H	K		
<u>Cousin Pt.</u>	*			—						1	
<u>North Creek</u>	*			—					✓	2	
<u>Pamlico River</u>	*		✓				✓		✓	3	
<u>Long Point</u>	*			✓						4	
<u>Hickory Point</u>	*									5	
<u>South Creek</u>	*		✓				✓		✓	6	
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Names underlined in red approved

by *[Signature]*

on 4/22/36

M 234

Names underlined in red approved
by *EGH* on 4/22/36

MEMORANDUM

IMMEDIATE ATTENTION

SURVEY
 DESCRIPTIVE REPORT } ~~No. H~~
 PHOTOSTAT OF } No. T6407

{ received March 13, 1936
 { registered March 26, 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

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C. K. Green Mar. 28 - '36

REVIEW OF TOPOGRAPHIC SURVEY No. 6407(1935) Field No. N

Title (Par. 56) *Vicinity of North Creek, Pamlico River, N.C.*Chief of Party *John A. Bond* Surveyed by *C.F. Chenworth* Inked by *C.F. Chenworth*Ship *MIKAWA* Instructions dated *Aug. 31, 1934* Surveyed in *April 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.) ✓
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~~ ^{offshore} important details shown on previous surveys and on the chart were verified. ✓ (Par. 25, 26, 27.)
From Long. 76°39'2" to Long. 76°40'8" verified. May 15, 1936 H.W. Murray
Remainder of sheet verified May 21, 1936 H.W. Murray
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.) No recoverable stations established except due to frequency of Δ stations. ✓
16. A list of landmarks for charts was furnished on Form 567 and plotting checked. (Par. 16d, e, 60.) No objects suitable for landmarks. ✓
17. but there is no evidence that the declination The magnetic meridian was shown 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.) will be checked and are based when the adjusted values are available on a field adjustment. These are not available. ✓
19. Junctions with contemporary surveys are adequate. ✓
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

Harold W. Murray May 15, 1936
Inspected by A. R. Schlanitz

Examined and approved:

E. H. Green
 Chief, Section of Field Records

J. R. Peacock
 Chief, Section of Field Work

L. O. Lobnitz
 Chief, Division of Charts

W. H. Hilde
 Chief, Division of Hyd. and Top.