

6461

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

DESCRIPTIVE REPORT

Topographic } Sheet No. S
Hydrographic }

U. S. COAST & GEODETIC SURVEY
LIBRARY AND ARCHIVES

APR 23 1936

Acc. No. _____

State North Carolina

LOCALITY

Pamlico River

Blount Bay

1935

CHIEF OF PARTY

John A. Bond

U. S. GOVERNMENT PRINTING OFFICE: 1934

6461

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. S 6461

REGISTER NO.

State North Carolina

General locality Pamlico River

Locality Blount Bay

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

Vessel LIKAWA

Chief of party John A. Bond

Surveyed by D. M. Watt

Inked by D. M. Watt

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 S.

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

Pamlico River
Blount Bay

GENERAL DESCRIPTION

This sheet includes both shores of Pamlico River from Mauls Pt. to Hills Pt. and includes all of Blount Bay. It is joined on the east by sheet R, on the west by sheet T, and the creeks to north and south of this sheet are on sheet CC.

The northern shore is wooded with no bluffs or cultivated areas.

Along the southeast shore of Blount Bay there is a prominent clay bluff about 25 feet high. On top of the bluff the land is wooded with occasional cultivated areas.

South of Hills Pt. there is a bluff about 25 feet high but it is not visible from the water. Between Hills Pt. and topo signal Del the bluff is covered with a thick growth of bushes and underbrush. From the water the appearance is of dense woodland.

LANDMARKS

A list of landmarks for charts and non-floating aids to navigation will be submitted in a separate report.

CONTROL

The sheet was controlled with frequent triangulation stations established from 1914 to 1935 and adjusted in the field to the N. A. 1927 datum.

SURVEY METHODS

Standard Coast Survey methods were used throughout. Cuts were taken on all hydrographic signals from triangulation stations. Planetable positions were located by resection and 3 point fixes. No traverses were run.

RECOVERABLE PLANETABLE POSITIONS

Owing to the frequency of triangulation stations, no recoverable planetable positions were established.

GEOGRAPHIC NAMES

Geographic names shown on this sheet were taken from chart
537 and are well known locally.

Submitted by,

D. M. Watt

D. M. Watt
Surveyor, C. & G. S.

Approved by,

John A. Bond

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

Remarks

Decisions

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GEOGRAPHIC NAMES

Survey No.

6461

On Chart
No. 537On previous survey
No. 7/211On U. S. quadrangle
MapsFrom 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>Pamlico River</u> ✓	*	✓		✓			✓		✓	1
<u>Broad Creek</u> ✓	*	✓		✓						2
<u>Upper Goose Creek</u> ✓	*	✓		✓						3
<u>Mauls Point</u> ✓	*	✓		✓				✓	✓	4
<u>Blount Bay</u> ✓	*	✓		✓						5
<u>Blount Creek</u> ✓	*	✓		✓					✓	6
<u>Hills Pt.</u> ✓	*	✓		✓						7
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Names underlined in red approved
on 6/5/36
P.R.N.

MEMORANDUM

IMMEDIATE ATTENTION

SURVEY
DESCRIPTIVE REPORT
~~PHOTOSTAT OF~~

No. ~~H~~

No. T **6461**

{ 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

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C. K. Green

REVIEW OF TOPOGRAPHIC SURVEY No. 6461 (1935) Field No. STitle (Par. 56) Blount Bay, Pamlico River, North CarolinaChief of Party John A. Bowd Surveyed by D.M. Watt Inked by D.M. WattShip MIKAWA Instructions dated Aug. 31, 1934 Surveyed in May 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.) ✓
No traverses necessary.
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.) No maps 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 ^{Grass Limits} ~~low water lines, reefs, coral reefs and rocks,~~ and legends pertaining to them is satisfactory. (Par. 36, 37, 38, 39, 40, 41.) ✓
9. ^{offshore} ~~Rocks and other~~ important details shown on previous surveys and on the chart were verified. (Par. 25, 26, 27.) except that the bare rock having 2 feet at high water in lat. 35° 26.6, long. 76° 56.7 and located on the previous survey, T-1211 (1870-71) and also on the hydrographic survey, H-5950 (1935) was not located on the present survey. This rock has been carried forward on the present survey. ✓
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 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.) ✓
17. The magnetic meridian was shown ^{but there is no evidence that the declinator} 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. ✓
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: *Aids to Navigation have been* ~~will be~~ *considered in the review of H-5950(1935).*

Reviewed in office by

Harold W. Murray June 17, 1936
Inspected by G. L. Schallert

Examined and approved:

C. K. Green
Chief, Section of Field Records*L. O. Robbitt*
Chief, Division of Charts*Fred. L. Peacock*
Chief, Section of Field Work*G. Hulse*
Chief, Division of Hyd. and Top.