

6409

U. S. COAST & GEODETIC SURVEY
LIBRARY AND ARCHIVES

MAR 18 1936

Acc. No.

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

DESCRIPTIVE REPORT

Topographic } Sheet No. 6409
~~*Hydrographic*~~

State North Carolina

LOCALITY

Pamlico River

Rumley Marsh to Bath Creek

1935

CHIEF OF PARTY

John A. Bond

U. S. GOVERNMENT PRINTING OFFICE: 1934

DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY

U. S. COAST & GEODETIC SURVEY
LIBRARY AND ARCHIVES

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. Q

REGISTER NO. 6409

State North Carolina

General locality PAMLICO RIVER

Locality Rumley Marsh to Bath Creek

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

Vessel MIKAWE

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 Q

Pamlico River
Vicinity of Bath Creek

Instructions dated August 31, 1934

Project No. HT-197

GENERAL DESCRIPTIONS

The sheet covers both shores of Pamlico River from Rumley Marsh to the mouth of Bath Creek. It joins sheet P of this season's work on the east and sheet R on the west.

In general the appearance of the country from the river is wooded with occasional small farms.

The only marshland on the sheet is the area known as Rumley Marsh at the extreme eastern end of the sheet.

Bayview, the only settlement falling within the limits of the sheet, is a local resort development, and is made up mostly of summer cottages, a hotel, and recreational facilities. The long building shown on the sheet extending the length of the earth wharf is a covered archway which houses numerous concession stands.

LANDMARKS

Landmarks for charts in the Pamlico River area will be submitted in a separate report.

CONTROL

The control was adequate. Triangulation stations were located about two miles apart on both sides of the river.

SURVEY METHODS

Standard Coast Survey methods were used throughout. No traverse was necessary as the triangulation stations were occupied first and the topographic signals located by intersections, which locations were later utilized as control points.

PLANE TABLE POSITIONS

The only recoverable topographic location on the sheet is the tank at Bayview, a description card for which accompanies this report.

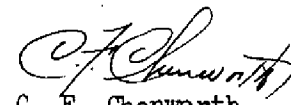
CHARACTER OF MARSHES

The lower portion of the grass in the marshland found within the limits of this sheet is but seldom covered by ordinary high water.

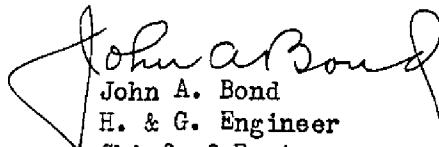
GEOGRAPHIC NAMES

All names shown on the sheet have been taken from Chart 537 ✓
and were found to be in well-established local usage:

Submitted by:


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

Approved by:


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

Remarks

Decisions

1		
2		
3		
4		
5		
6		
7		
8		
9		
10		
11		
12		
13		
14		
15		
16		
17		
18		
19		
20		
21		
22		
23		
24		
25		
26		
27		
M 234		

GEOGRAPHIC NAMES

Survey No. T6409

GEOGRAPHIC NAMES											
Survey No. T6409											
Name on Survey	On Chart No. 537										
	A	B	C	D	E	F	G	H	K		
		On previous survey No. T1210									
		On U. S. quadrangle Maps									
		From local information									
		On local Maps									
		P. O. Guide or Map									
		Rand McNally Atlas									
		U. S. Light List									
		T6409									
Bath Creek ✓	*	✓		✓							1
Bayview ✓				✓					*		2
Mixon Creek ✓	*	✓		✓							3
Rumley Marsh ✓	*	✓		✓							4
Pamlico River ✓	*	✓		✓							5
Core Pt. ✓	*	✓		✓							6
Durham Creek ✓	*	✓		✓							7
Garrison Pt. ✓	*	✓		✓							8
Lee Creek ✓	*	✓		✓							9
											10
Name added 12/10/36				GTE							11
Plum Pt.		✓									12
											13
											14
											15
											16
											17
											18
											19
											20
											21
											22
											23
											24
											25
											26
											27

Names underlined in red approved by

5/14/36

C.R.N.

M 234

Names underlined in red approved
by C.R.T. on 5/4/36

MEMORANDUM

IMMEDIATE ATTENTION

SURVEY
 DESCRIPTIVE REPORT } No. ~~H~~
~~PHOTOSTAT OF~~ } No. T 6409

{ 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
20			
22			
24			
25			
26			
30			
40			
62			
63			
82			
83			
88			
90			

RETURN TO

82	
----	--

C. K. Green Mar. 28 - '36

REVIEW OF TOPOGRAPHIC SURVEY No. 6409 (1935) Field No. QTitle (Par. 56) Rumley Marsh to Bath Creek, Pamlico River, N.C.Chief of Party J.A. Bond Surveyed by C.F. Chenworth Inked by C.F. ChenworthShip 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.) ✓
~~Error of closures not listed. No traverse 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.) ~~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.) Three charted docks, ^(2 near the entrance to Bath Creek) originating with T-1210 (1871) are not shown on the present survey. They have probably been destroyed and should be disregarded in future chartings.
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.

entrance to Bath Creek and one near the entrance to Bath Creek

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.) ~~except that the closing errors were not listed.~~ ✓
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.) ✓
16. A list of landmarks for charts was furnished on Form 567 ~~and plotting checked.~~ (Par. 16d, e, 60.) *as a separate report* ✓
17. The magnetic meridian was shown ^{but there is no evidence that the declination} and declination was checked. (Par. 17, 52.) ✓
18. The geographic datum of the sheet is *NA 1927 Datum* and the values *are from a field adjustment. These values are not available.* ~~of the reference station is correctly noted. (Par. 34.) will be checked when the adjusted values are available.~~ ✓
19. Junctions with contemporary surveys are adequate. *The junction in Batu Creek will be considered in the review of that sheet when that work is received from the field.* ✓
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 located on this survey which also agree in position with those shown on H-5941(1935) have been discussed in the review of that survey.*

Reviewed in office by

Harold L. Murray May 12, 1936
Inspected by A. L. Chalant

Examined and approved:

C. H. Green
Chief, Section of Field Records
L. O. Lobert
Chief, Division of Charts

Fred. L. Peacock
Chief, Section of Field Work
Stude
Chief, Division of Hyd. and Top.