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6363b

U. S. COAST & GEODETIC SURVEY  
LIBRARY AND ARCHIVES  
OCT 31 1925  
Acc. No. \_\_\_\_\_

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Form 504  
Ed. June, 1923

DEPARTMENT OF COMMERCE  
U. S. COAST AND GEODETIC SURVEY  
R. S. Patton, Director

State: North Carolina

**DESCRIPTIVE REPORT**  
 Topographic } 6363a  
 Hydrographic } Sheet No. C

**LOCALITY**

N.C. Inland waterway.

North Landing River, N.C.

Blackwater Creek to Northwest River.

1934

**CHIEF OF PARTY**

J. C. Sammons, Hyd. & Geod. Engr.

applied to ckt 1227 - Mar '36 - J.H. Gamble

T-6363a & b applied to ckt 830, May 7 1937 - R.L.G.

DEPARTMENT OF COMMERCE  
U. S. COAST AND GEODETIC SURVEY

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OCT 16 1935  
REG. NO.  
Acc. 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. "C" T6363 a

REGISTER NO.

State ~~Virginia, North Carolina~~

General locality ~~North Landing River~~ <sup>17</sup>

Locality ~~Munden Va. and Vicinity~~ <sup>Blackwater Creek to Northwest River 34</sup>

Scale 1/10,000 Date of survey December, 1934

Vessel M.V. Natoma

Chief of Party R. P. Eyman

Surveyed by J. H. Tiller jr.

Inked by J. H. Tiller jr.

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 " C "

NORTH LANDING RIVER

INSTRUCTIONS:

The survey of topographic sheet "C" was a part of project HT 189 and carried out in accordance with instructions by the Director dated August 31, 1934.

LIMITS AND SCALE:

Sheet "C" was surveyed on a scale of 1: 10,000 and comprises a survey of the eastern and western shoreline of North Landing River from a line Lat. 36 32.2 North to a line Lat 36 36.2. The sheet is joined on the north by sheet B and on the South by sheet D.

CONTROL AND SURVEY METHODS:

The control for this sheet consisted of eleven triangulation stations so spaced as to give a very rigid control scheme. The usual plane table methods of survey were employed. All topographic signals were located by plane table cuts from triangulation stations and resection, while the location of the shore line and roads necessitated the use of three point fixes.

The following traverses were run on this sheet: From Station MUN -2 to the intersection of the highway and back with no error. A traverse was run along the railroad to a point found to be easily accessible by the roadway. Then a traverse was run from the intersection of the roadway, north along the highway and thence west over secondary roads to this point on the railroad. The error was within the adjustable limits and were adjusted.

In surveying the western shore it was found that many places were far too unsteady to set up and this caused rod shots to be spaced further apart than desired. Some errors in the shoreline due to sketching were found and corrected in the field.

DESCRIPTION:

The shoreline of North Landing River on the West is bordered by marsh lands extending approximately one mile to the westward. Along the western shore are numerous fishnet stakes that make this area foul to a large extent. The eastern shore of North Landing River is bordered by a line of pine and cypress trees behind which is cultivated land. The shoreline is rather regular but shows signs of rapid erosion. The village Munden is at the

Description Continued:

southern end of the branch line of the Norfolk and Southern Railroad. There is only one store and a few cotages located there. The Railroad company has a schedule of two trains weekly through this area. The old wharf shown on previous charts has rotted away. There is as present two or three old dredging scows of some dredging company anchored at the end of the remains.

Evidence that this dock is in ruins is also noted in Chart Letter # 62 (1935)  
H. W. M.  
10/20/36

NEW NAMES:

The only new name appearing on this sheet is SNAKE CREEK. The charts of this area show the first creek south of Mill Dam Creek to be Walnut Island Creek. This is in error. The first creek south of Mill Dam Creek is Snake Creek the second creek south of Mill Dam Creek is Walnut Island creek. Snake Creek is almost due west of Munden.

LANDMARKS:

Landmarks for this area are forwarded on form 567.

MAGNETIC MERIDIANS:

Magnetic Meridians were determined at triangulation Stations Wall, 1911-34, Creek 1911-34 and Ware 2 1934.

ALUMINUM SHEETS:

An aluminum backed sheet was used and found to be very satisfactory.

STATISTICS:

AREA IN SQUARE MILES	7
SHORELINE IN STATUTE MILES	10.2
TRAVERSE IN STATUTE MILES	2.1

Respectfully submitted,

*James H. Tiller Jr.*  
James H. Tiller jr  
Accountant, Observer.

Approved:

J. C. Sammons, Chief of Party,

By:

*Raymond P. Eyman*  
Raymond P. Eyman, Chief of Party.

List of Positions of Signals

<u>Name</u>	<u>Latitude</u>		<u>Longitude</u>	<u>Remarks</u>	
Us	36	36 198	<del>(1651)</del> - 76 03 965	( 526)	
Zoo	35	1398	( 451)	1443 ( 48)	
Son		1075	( 774)	02 979 ( 512)	
Dam		210	(1639)	03 115 (1376)	
Pal	34	1767	( 82)	04 126 <del>(1366)</del>	
Wax		1696	( 153)	03 946 ( 546)	
Pack		1641	( 208)	701 ( 791)	
Mad		1362	( 487)	408 (1084)	
Lace		929	( 920)	02 1231 ( 261)	marked by disc.
Hay		1021	( 828)	01 1185 ( 307)	
Rot		366	<del>(1583)</del>	697 ( 795)	
Keg	33	1808	( 41)	02 885 ( 607)	
Joy		1837	( 12)	01 433 (1059)	
Jab		684	(1165)	1462 ( 30)	
Yank		267	(1582)	963 ( 529)	Va.*N.C. sign on piles.
Hack	32	1733	( 116)	02 241 (1251)	marked by disc.
Rod	35	1476	( 373)	03 1182 ( 310)	" " "
Ice	33	556	(1293)	00 1451 ( 41)	

DEPARTMENT OF COMMERCE  
U. S. COAST AND GEODETIC SURVEY

LANDMARKS FOR CHARTS

Elizabeth City, N.C.

August 29, 1935

DIRECTOR, U. S. COAST AND GEODETIC SURVEY:

The following determined objects are prominent, can be readily distinguished from seaward from the description given below, and should be charted.

*Raymond P. Eyma*  
Raymond P. Eyma

Chief of Party.

DESCRIPTION	POSITION						METHOD OF DETERMINATION	CHARTS AFFECTED
	LATITUDE			LONGITUDE				
	°	'	D. M. METERS	°	'	D. P. METERS		
Beacon 19	36	35	1288.8	76	03	816.5	NA	Triang. 3257, 1227, 406, 830
Beacon 21	36	35	982.9	76	03	37.5	"	" 1227 406, 830
Beacon 23	36	34	958.1	76	02	645.8	"	" 1227 406, 830
Beacon 25	36	33	730.1	76	01	1146.0	"	" " " "
Beacon 27	36	32	420.0	76	01	457.4	"	" " " "
Son, Gable house	36	35	<sup>1075</sup> <del>1175.0</del>	76	02	<sup>979</sup> <del>936</del>	"	Topo. " " " "
Rot Boat house gble.	36	34	366	76	01	697	"	" " " " No
YANK Va. NC. Boundy.	36	33	267	76	01	963	"	" " " " 830

A list of objects which are of sufficient prominence for use on the charts, together with a description of the same, must be furnished in a special report on this form, and a copy of such report must be attached by the Chief of Party to his descriptive report. The selection, determination, and description of these points are of primary importance. The description of each object should be short, but such as will identify it; for example, standpipe, water tower, church spire, tank, tall stack, red chimney, radio mast, etc. Generally, flagstaves and like objects are not sufficiently permanent to chart.

## REVIEW OF TOPOGRAPHIC SURVEY No. 6363a

Title (Par. 56) *Blackwater-Creek to Northwest River, N. Carolina*Chief of Party *R.P. Eyman* Surveyed by *J.H. Tiller Jr* Inked by *J.H. Tiller Jr.*Ship *Natoma* Instructions dated *Aug. 31, 1934* Surveyed in *Dec. 1934*

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 closures listed*
4. ~~The amount of vertical control that the Manual specifies for contours-formlines was accomplished. (Par. 18, 19, 20, 21, 22, 23.)~~
5. ~~The delineation of contours-formlines 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.) *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.) *L.W. line not shown*
9. ~~Reefs and other important details shown on previous surveys and on the chart were verified. (Par. 25, 26, 27.)~~  
*See Reverse Side*
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

T736 (1858), T754 (1859)

These two surveys covering the present survey are on a scale of 1:20,000 whereas the present survey is on 1:10,000. Due to this difference in scale the present survey is more in detail. There are no important changes along the river bank. As is always the case in a river in low country, such as this, the shore line has built up in some places and washed away in others. These changes, however, are minor.

T6363a supersedes T736 and T754 in part.

No important changes are noted in comparing the present survey with chart 1227.

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.) *5 Cards 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.) *3 Meridians shown - 1°-2° West of value on Chart*  
*No note of having checked declinatoire*
18. The geographic datum of the sheet is *N.A. 1927 (Unadjusted)* and the reference station is correctly noted. (Par. 34.) ✓
19. Junctions with contemporary surveys are adequate. ✓  
*Joins T 6362b (1934) on the North*  
*Joins T 6363b (1934) on the 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.* July 6, 1936.

Examined and approved:

*C. H. Green*  
Chief, Section of Field Records

*L. O. Lobbert*  
Chief, Division of Charts

*Fred. L. Peacock*  
Chief, Section of Field Work

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

DEPARTMENT OF COMMERCE  
U. S. COAST AND GEODETIC SURVEY

U. S. COAST & GEODETIC SURVEY  
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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. "D" T6363 b

REGISTER NO.

State Virginia, North Carolina

General locality North Landing River

Locality ~~Morse Point and Vicinity~~ Blackwater Creek to Northwest River

Scale 1/10,000 Date of survey Oct., Nov., 1934

Vessel M.V. Natoma

Chief of Party R. P. Eymann

Surveyed by J. H. Tiller Jr.

Inked by J. H. Tiller Jr.

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 "D".

NORTH LANDING RIVER

INSTRUCTIONS:

Sheet "D" is a part of Project HT 189 and was surveyed in accordance with instructions issued by the Director August 31, 1934 covering this project.

LIMITS AND SCALE:

Sheet "D" was surveyed on a scale of 1:10,000 and comprises a survey of the shoreline of North Landing River from Faraby Island Lat. 36-32.8 south to Hog Island Lat. 36 - 30.7. It is joined on the North by sheet "C" and on the South by sheets "F", on the east by "E", and on the west by "H".

CONTROL AND SURVEY METHODS:

The usual plane table methods of survey were employed such as plane-table cuts, resection and three point fixes. The control of the sheet consisted of 9 triangulation stations very adequately spaced so as to give rigid control for the sheet. The topographic signals of this sheet were located by cuts from triangulation stations and resection. The shoreline was rodded in from these stations supplemented by three point fixes.

A traverse was run from station LODGE 1934 to the Virginia N.C. Boundry # 3 with no error of closure. Then a traverse was run from this Boundry to Station Morse-2 1934 with no error. Taking off from a point on the highway, where a small private road goes down to station Morse 2, a traverse was run to the end of the sheet and back with no error of closure. These traverses were all very short and afforded little chance of error.

DESCRIPTION:

The western shore of North landing River shown on this sheet is bounded by marsh lands which extend approximately one mile to the westward. There are many fish net stakes along this shore which cause this area to be foul to a certain degree. The eastern shore is very regular and bordered by a low fringe of pine and cypress trees. Along this shore shown on this sheet are two private wharfs owned and kept up by hunters owning the land. Behind the fringe of trees is cultivated land. This shoreline shows signs of rapid beach erosion.

MAGNETIC MERIDIANS:

Magnetic meridians were taken at triangulation stations Morse 2 and Mack 1911-34. ✓

ALUMINUM SHEETS:

An aluminum backed sheet was used and found to be very satisfactory in every respect. ✓

NEW NAMES:

No newnames appear on this sheet. ✓

LANDMARKS:

Landmarks for this sheet will be forwarded on Form 567. ✓

STATISTICS:

AREA	8 square miles
Traverses	3.3 stat. miles.
Shoreline	5.8 " "

Respectfully, submitted.

*James H. Tiller Jr.*  
James H. Tiller jr.,  
Accountant. Observer.

Approved:

J.C.Sammons, Chief of Party,

By:

*Raymond P. Egan*  
Raymond P. Egan  
H.&G. Engr.

List of positions of Signals

<u>Name</u>		<u>Latitude</u>		<u>Longitude</u>		<u>Remarks</u>	
Jab	36	33	684 (1165)	- -	76 01	1462 ( 30)	
Ice			556 (1293)		00	1451 ( 41)	
Hack		32	1733 ( 116)		02	241 (1251)	
Gag			480 (1371)		00	377 (1115)	
Let		31	691 (1158)		01	848 ( 645)	marked by disc.
At			1084 ( 65)	75	59	589 ( 904)	
Boy			987 ( 862)		58	1093 ( 400)	" " "
On		30	1263 ( 586)	76	01	1471 ( 22)	" " "
Fog			1360 ( 489)	75	58	1348 ( 145)	
Out (Day)		29	1459 ( 390)	76	02	367 (1126)	" " "
Act		32	931 ( 918)		00	1336 ( 156)	



Date. Nov. 18. 1935.

GEOGRAPHIC NAMES

Survey No. 6363a C  
6363b D

Chart No. 406, 1227

Diagram No. 1227-2

Approved by the Division of Geographic Names, Department of Interior. ✱

Referred to the Division of Geographic Names, Department of Interior. R

Under investigation. Q

Status	Name on Survey	Name on Chart	New Names in local use	Names assigned by Field	Location
	<u>North Landing River</u> ✓		1227 406		
	<del>Black Water Creek</del>	<u>Blackwater Cr.</u> ✓			
	<u>Mill Dam Creek</u> ✓		406		
	<u>Munden</u> ✓		406 1227		
	<u>Snake Creek</u> ✓	<u>Walnut I. Cr.</u> on 406.	R	✓	
	<u>Walnut Island Creek</u> ✓			R ✓	
	<u>Walke Pt.</u> ✓		406, 1227		
	TT				
	<u>Sandy Pt.</u> ✓		406, 1227		
	<u>Faraby Island</u> ✓		406, 1227		
	<u>North Landing River</u> ✓		406, 1227		
	<u>Back Cr.</u> ✓			R	
	<u>Hog Island</u> ✓		406, 1227		
	<u>GREEN Pt.</u> ✓		406, 1227		
	<u>Gibbs Pt</u>		USGB decision		
		<i>Names approved Dec. 18 1935</i>			
	<u>Troublesome Pt</u>			<i>C. E. S. S. S.</i>	



REVIEW OF TOPOGRAPHIC SURVEY No. 63636 *Field No. D*Title (Par. 56) *North Landing River, Blackwater Creek to Northwest River, North Carolina*Chief of Party *R. P. Eymann* Surveyed by *J. H. Liller Jr.* Inked by *J. H. Liller Jr.*Ship *Natoma* Instructions dated *Aug. 31, 1934* Surveyed in *Oct. Nov. 1934*

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.)  
*the area is low and no elevations are shown.*
5. The delineation of -contours-formlines- is satisfactory. (Par. 49, 50.) *No contours are 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 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.)  
*No bridges are shown on this survey.*
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.) ✓
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.) *there is no evidence that the declination was checked.* ✓
18. The geographic datum of the sheet is *North American 1927* and the reference station is correctly noted. (Par. 34.)
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

Examined and approved:

*E. H. Green*  
Chief, Section of Field Records

*L. O. Polkat.*  
Chief, Division of Charts

*Fred. L. Peacock*  
Chief, Section of Field Work

*G. H. de*  
Chief, Division of Hyd. and Top.