Original

8184

13

Form 504

U. S. COAST AND GEODETIC SURVEY

DEPARTMENT OF COMMERCE

DESCRIPTIVE REPORT

ON
Diag Ch. 1110

Type of Survey Air Photographic Topographic

Field No. ..... Office No. T-8184

LOCALITY

State North Carolina

General locality Brunswick County, N. C.

Locality Winnabow, North Carolina

1943

CHIEF OF PARTY

Fred. L. Peacock

LIBRARY & ARCHIVES

DATE June 5, 1946

B-1870-1 (1)

8184

Form T-1

DATA RECORD

T-8184

Quadrangle (II): Winnabow 7½ minute

Project No. (II): CS-284

Field Office: Myrtle Beach, S. C.

Chief of Party: F. L. Gallen

Compilation Office: Baltimore, Maryland

Chief of Party: Fred. L. Peacock

Instructions dated (II III): July 15, Oct. 19, Oct. 23 & 27, 1942

Copy filed in Descriptive Report No. T- (VI)

Completed survey received in office: 7/43

Reported to Nautical Chart Section: 1/45

Reviewed: 11/43 Applied to chart No. Date:

Redrafting Completed: 2/44

Registered: 5/46 Published: 6/44

Compilation Scale: 1:20,000 Published Scale: 1/31:680

Scale Factor (III): none

Geographic Datum (III): N. A. 1927 Datum Plane (III): Mean Sea Level

Reference Station (III): WINNABOW, 1942

Lat.: 34° 08' 53.360" 1644.1 (204.6)m. Long.: 78° 05' 54.018" 1383.8 (153.3)m. Adjusted ~~Unadjusted~~

State Plane Coordinates (VI): North Carolina

X = Y =

Military Grid Zone (VI) 18

PHOTOGRAPHS (III)

Number	Date	Time	Scale	Stage of Tide
8111	4/1/42	12:12p.m.	1:20,000	There are no tidal waters within the limits of this map manuscript.
8443 to 8445 (Inc.)	4/6/42	unknown	1:20,000	
8108	4/1/42	11:57a.m.	1:20,000	
8109	4/1/42	11:57a.m.	1:20,000	

Tide from (III): No tide computation necessary

Mean Range: Spring Range:

Camera: (Kind or source) U. S. Coast & Geodetic Survey nine lens (focal length $8\frac{1}{4}$")

Field Inspection and contouring by: H. M. Eldridge date: April, 1943

Field Edit by: L Levin date: Aug 1943

Date of Mean High-Water Line Location (III):

Projection and Grids ruled by (III) Washington Office date: April 6, 1943

" " " checked by: Washington Office date: April 6, 1943

Control plotted by: Charles C. Tropp date: April 9, 1943

Control checked by: John M. Reinoldi date: April 13, 1943

Radial Plot by: Joseph Steinberg & J. Edward Deal, Jr. date: May, 1943

Detailed by: Ruth E. Rudolph date: May 27-July 14, 1943

Reviewed in compilation office by: Henry P. Eichert date: July 9-14, 1943

Elevations on Field Edit Sheet checked by: L. Levin date: Aug 13 1943

STATISTICS (III)

Land Area (Sq Statute Miles): 61

Shoreline (More than 200 meters to opposite shore): None

Shoreline (Less than 200 meters to opposite shore): None

Number of Recoverable Topographic Stations established:
3 Azimuth Reference Marks

Number of Temporary Hydrographic Stations located by radial plot:
None

Leveling (to control contours) Statute miles: 46

Roman numerals indicate whether the item is to be entered by, (II) Field Party, (III) Compilation Party, or, (VI) the Washington Office.

When entering names of personnel on this record give the surname and initials (not initials only).

Remarks:

General Procedure in the Production of Topographic Quadrangles for the War Department

This quadrangle, together with similar adjoining maps produced under Project C.S.284 , was prepared by the Coast and Geodetic Survey for the War Department under "General Specifications for War Department Mapping Program" issued about December 1941, in which is incorporated the "Standard of Accuracy for a National Map Production Program" issued by the Bureau of the Budget under date of June 10, 1941.

The general procedure in the production of this and the adjoining quadrangles was:

FIELD SURVEYS

Aerial photography with the Coast and Geodetic Survey nine-lens camera, with airplane and flight crew furnished by the U. S. Coast Guard. The photographs were taken to the scale of 1:20,000.

Ground inspection of the photographs for identification of control points, and classification and clarification of planimetric details on the photographs.

Contouring by planetable directly on the photographs. Supplementary vertical control was established by means of an extensive subordinate level net, furnishing unmarked elevations at road intersections, driveways, and numerous other points identifiable on the photographs.

COMPILATION OF MANUSCRIPT

Compilation on the map manuscripts by radial plot methods (celluloid hand templets) of all planimetry and contours. These manuscripts were drawn on the scale of 1:20,000 on celluloid sheets on which polyconic projections had been ruled with the Projection Ruling Machine in the Washington Office. Compilation was accomplished in the Baltimore Tampa Photogrammetric Office.

FIELD EDIT

Comparison of a copy of the manuscript with the ground. This included inspection for completeness and accuracy as well as the location by planetable methods of additional details, checking of nautical and aeronautical aids to navigation, etc.

Accuracy Tests - Application of systematic horizontal and vertical accuracy tests to check the maps for conformity with the specifications. These tests consisted of comparison of the map position and elevation of selected random points with the true position and elevation as independently determined by standard survey methods.

PROCESSING IN THE WASHINGTON OFFICE

Review - Examination of the manuscript for accuracy and completeness of compilation and compliance with specifications, correcting where necessary; addition of military and state grids and other special features; and verification of the general adequacy of the manuscript as a basis for the production of a finished map.

Drafting and Reproduction - Preparation of smooth color separation drawings on 1:20,000 scale on metal-mounted "blueline" copies of the manuscript. From these drawings, negatives and printing plates were prepared for reproduction of the finished map on the scale of 1:31,680 or 1:25,000.

FIELD INSPECTION REPORT
QUADRANGLE T-8184
PROJECT CS-284
F. L. GALLEN, CHIEF OF PARTY.

1. DESCRIPTION OF THE AREA:

The area covered by this Quadrangle is rolling country and poorly developed with very few farms on the higher ground, the lower ground comprising mostly swamp, being covered by a dense growth of trees, principally gum, cypress and water oak in the swamp areas, and pine and oak on the higher ground. There are several flat wet-weather swamps in the north central section of this area. The other portions of this area are quite hilly and very well drained.

Drainage for this area follows a well-defined pattern. Cowford Branch, Monk Branch and Jackies Creek drain the northern section of the area. Town Creek enters at about the middle of the area on the west, flowing in an east-by-south direction and leaves the Quadrangle on the east near the southeast corner. Bell Swamp, which is a tributary to Town Creek, makes up the rest of the drainage for the area.

There are numerous ditches in the cultivated areas, and the most important of these are shown.

2. COMPLETENESS OF THE INSPECTION:

The field inspection is believed to be complete except for the classification of bridges and culverts, which will be done by the field edit party.

3. INTERPRETATION OF THE PHOTOGRAPHS:

Dark tones on the photographs indicate pine trees on the higher ground, but they may also indicate heavy brush in the wet weather swampy areas. These areas have been indicated by the L.G. symbol. Lighter tones indicate deciduous trees as in swamps.

4. HORIZONTAL CONTROL:

The horizontal control for this Quadrangle was established by the U. S. G. S. in 1942, all of which were recovered and pricked on the photographs and submitted to the Baltimore Office previously.

5. VERTICAL CONTROL:

First order bench marks were established in this Quadrangle by the U. S. C. & G. S. in 1932, and 1942, all of which were recovered and pricked on the photographs and were submitted to the Baltimore Office.

Supplemental level lines were run over several of the country roads and main highways in February, 1943, to provide control for the

planetable party. Elevations were established on the top of the stakes in the case of T. B.'M.'s and at the base of stakes at other points, also on the center lines of the bridges and culverts. The stakes were set at identifiable points on the photographs and were checked by the planetable party. All of the lines were tied into permanently marked bench marks, and where the closure was less than 0.30 foot, no adjustment was made. Lines closing from 0.30 to 1.00 foot were adjusted. Lines which closed over 1.00 foot were rerun.

6. CONTOURING AND DRAINAGE:

Contouring was accomplished by a three and four man planetable party using the regular equipment.

All contouring was done directly on the photographs and the orientation taken from identifiable points and through the wooded areas. Short hand level lines were run where the area was too densely wooded, but these were held to a minimum. The distances were paced to the hand level elevation points from the nearest identifiable point on the photograph.

Streams were located by field inspection.

A declination was established on all the photographs by using a long straight stretch of road on the photograph..

7-13. These items do not apply to this area.

14. ROAD CLASSIFICATION:

Roads were classified according to instructions, a copy of which is attached to Quadrangle T-8189.

15. BRIDGES AND CULVERTS:

Classification of bridges and culverts was not done on the photographs although they have been indicated. This will be done by the field edit party.

16. BUILDINGS:

All buildings which should be shown on the final map are circled in red and new buildings which have been built since the photographs were taken are shown by a red square. Dwellings are not labeled; barns, churches stores and schools are labeled. Any building not circled should not be shown on the final map.

17. BOUNDARIES AND LINES:

This Quadrangle lies entirely in Brunswick County, North Carolina. Only political boundaries apply. These will be added by the field edit party.

18. GEOGRAPHIC NAMES:

Geographic Names are the subject of a special report by A. J. Wraight in Project CS-284.

19. JUNCTIONS:

Junctions with Quadrangle T-8185 on the west have been made and checked in the field.

Junctions with Quadrangle T-8190 on the south will be discussed in the report for that Quadrangle as the work is still in progress, and, therefore, junctions have not been made.

There are no surveys to the north and east of this area.

Respectfully submitted,
Henry M. Eldridge per FLG.
Henry M. Eldridge,
Sr. Photogrammetric Aid.

Approved and forwarded:
F. L. Gallen.
F. L. Gallen,
Chief of Party.

26 CONTROL:

Fourteen U. S. Coast and Geodetic Survey triangulation stations were recovered by the field party and were used as control in establishing secondary control points and detail points on this map manuscript. Of these fourteen, three are within the detailed limits of the map manuscript. The other eleven are just outside the limits.

The three stations within the limits are:

LANVALE, 1942
STURGEON, 1942
WINNABOW, 1942

Those stations just outside the limits are:

SHILOH, 1942
PHOENIX, 1942
NAVASSA, 1942
NAVASSA, VA.- CAROLINA CHEMICAL CO. TANK, 1942
NAVASSA, ARMOUR FERTILIZER WORKS, TANK, 1942
JOHNSON, 1932
DRU, 1918
WILMINGTON, 1932
YADKIN, 1918 (Datum adjustment applied at the compilation office)
IN, 1917 (Datum adjustment applied at the compilation office)
OAKS, 1917 (Datum adjustment applied at the compilation office)

In order to facilitate more accurate picking on the office photographs, the field party established field inspection stations at well-defined points near the following triangulation stations:

LANVALE, 1942
STURGEON, 1942
WINNABOW, 1942
PHOENIX, 1942
JOHNSON, 1932
NAVASSA, 1942
DRU, 1918
WILMINGTON, 1932
OAKS, 1917

These are shown with small orange circles on the glossy side of the map manuscript.

27 RADIAL PLOT:

The radial plot for this map manuscript is described in section four of the descriptive report of the radial plots for Projects CS-275 & 284 which has been submitted to the Washington Office.

28 DETAILING:

This map manuscript was detailed largely from the unmounted nine lens office photographs.

Drainage and the limits of swamps, as shown by the field inspection data, were verified by stereoscopic examination of the office photographs and found to be in good agreement. These streams and swamp areas were detailed directly from the field inspection photographs after common detail control points had been pricked on them. In a few instances, additional drainage as delineated from stereoscopic examination of the photographs, was shown by the dot-dash symbol. Wherever the limits of swamps and low ground areas had not been furnished from the field inspection data, these limits were determined also from stereoscopic examination of the office photographs and the areas shown by the conventional swamp symbol omitting the dashed black acid ink line at the boundaries.

The compilation office was able to interpret the office photographs satisfactorily from the field inspection data submitted by the field party.

29 SUPPLEMENTAL DATA:

Previous topographic surveys No. T-1463-a and No. T-1463-b, cover portions of this map manuscript. These surveys are not available to this compilation office for comparison.

The field party furnished the compilation office a copy of the North Carolina State Highway public works commission map of Brunswick County.

Paragraphs 30 to 35 are not applicable to this map manuscript.

36 LANDING FIELDS AND AERONAUTICAL AIDS:

There is no data available to this compilation office regarding landing fields or aeronautical aids.

37 GEOGRAPHIC NAMES:

A list of undisputed, disputed and recommended geographic names has been prepared to accompany this map manuscript. These geographic names were furnished the compilation office by the field inspection party and were shown on a copy of the North Carolina State Highway and Public Works Commission Map of Brunswick County. Only the undisputed names have been shown on the map manuscript.

38 DISCREPANCY OVERLAY:

A discrepancy overlay has been prepared to accompany this map manuscript. On it are shown appropriate notes calling attention to roads, unclassified on the field inspection photographs, and to the location of probable bridges or culverts. Several other notes believed to be useful to the field edit party during the field edit are included. A set of general notes for use in interpreting the symbols used on this map manuscript are also shown. The numbers of all bench marks are shown for use of the Baltimore Compilation Office in scaling their geographic positions from the red-line print.

The traverse test points used in Horizontal Accuracy Test Traverse No. 5 have been shown on the discrepancy overlay by double circles in black ink and have been numbered.

39 HORIZONTAL ACCURACY:

Because of difficulties encountered in the running of main radial plots for Projects CS-275 & 284 the test traverse points for horizontal accuracy test traverse No. 5 were resected on this map manuscript. This was done prior to the compilation of the map manuscript.

The positions of these test traverse points were scaled from the map manuscript and sent to the Washington Office for comparison with the computed geographic positions submitted by the field inspection party.

A tabulation of the results of horizontal accuracy test traverse No. 5, as furnished to the compilation office by the Washington office, is attached to this descriptive report.

40 AZIMUTH REFERENCE MARKS:

Three azimuth reference marks have been established by radial intersections and their descriptions and scaled positions are being submitted on Form No. 524. They are:

STURGEON, 1942, Azimuth Mark
WINNABOW, 1942, Azimuth Mark
LANVALE, 1942, Azimuth Mark

41 RECOMMENDATIONS FOR FUTURE SURVEYS:

The planimetry as presented on this map manuscript is believed to be complete but is subject to field edit for corrections, additions and deletions.

42 JUNCTIONS:

A complete satisfactory junction has been made with the map manuscript for Survey No. T-8185 to the West and with the map manuscript for Survey No. T-8190 to the south.

Along the East side, comparison of junction was made with the Corps of Engineers, U. S. Army Tactical Map, Wilmington Quadrangle, N. C. Junction was in disagreement at the following points:

Road and Railroad above Mill Creek, approximate Latitude 34° 15'.

Lower limit of swamp in the vicinity of Jackeys Creek, approximate Latitude 34° 12.5'.

Mallory Creek, approximate Latitude 34° 10.5'.

Road above Town Creek, approximate Latitude 34° 08.5'.

Town Creek, approximate Latitude 34° 08.2'.

All contours were in disagreement.

No contemporary surveys, bordering this map manuscript to the North, are available to the compilation office.

43 REMARKS:

The field inspection party has submitted an adequate description of the area covered by this map manuscript in the field report, which is attached to the compilation office descriptive report.

44 COMPARISON WITH EXISTING TOPOGRAPHIC QUADRANGLES:

No topographic quadrangles in this area were available to the compilation office. A general comparison was made with the North Carolina State Highway and Public Works Commission map of Brunswick County. In general, the agreement was fair.

45 COMPARISON WITH NAUTICAL CHARTS:

There are no nautical charts which cover the area of this map -manuscript.

Respectfully submitted:
July 16, 1943

Ruth E. Rudolph
Ruth E. Rudolph
Jr. Engineering Draftsman

Map Manuscript, Discrepancy Overlay & Descriptive Report Reviewed by:

Henry P. Eichert
Henry P. Eichert
Jr. Photogrammetric Engineer

Compilation of Map Manuscript Supervised by:

Joseph Steinberg
Joseph Steinberg
Asst. Photo. Engineer

and

J. Edward Deal Jr.
J. Edward Deal, Jr.
Asst. Photo. Engineer

Approved & Forwarded:
July 17, 1943

Fred. L. Peacock
Fred. L. Peacock
Commander, C & G Survey
Officer-in-Charge
Baltimore Photogrammetric Office

FIELD EDIT REPORT
T-8184
PROJECT CS-284

46. The field edit was accomplished by visual inspection making all additions and corrections on the map manuscript in the field and transferring all detail to a smooth copy while inking.

The following color scheme was used:

FEATURES	COLORS
Additions, bench marks, wye level elevations and crosses	RED
Deletions	GREEN
Drainage features	BLUE
Contours	BROWN
Political boundaries	VIOLET

47. The position and amount of detail on this map manuscript is believed to be complete and adequate.

48. A horizontal accuracy test was run in this quadrangle.

Vertical accuracy tests are the subject of a special report for Project CS-284.

Submitted by
Louis Levin for FLG
Louis Levin
Photogrammetric Aid

Approved and Forwarded
F. L. Gallen
F. L. Gallen
Chief of Party

LIST OF GEOGRAPHIC NAMES

Undisputed

Beaver Dam Branch
Bell Swamp
Bell Swamp Bridge
Bishop
Bishop Branch
Dews Creek
Eliah Road
Funston Road
Goodland Branch
Henrytown
Hood Creek
Jackeys Creek
Lanvale
Lewis Swamp Road
Little Green Swamp
Maco Road
Mallory ~~Branch~~ Creek
Mill Creek
Mill Creek Bridge
Morgan Branch
Piney Branch
Rice Creek Bridges
Rice Creek Road
Russells Creek (stream)
Russells Creek (town)
Sturgeon Creek
Sturgeon Creek Bridge
Town Creek (stream)
Town Creek (town)
Wilmington, Brunswick & Southern Railroad
Winnabow
Winnabow Bridge
New Hope Road

LIST OF GEOGRAPHIC NAMES

Disputed

Recommended	Disputed
✓Bell Swamp	Bell Swamp Creek
✓Easy Hill	Long Beach
✓Eliah	Ela
✓Rice Creek	Rices Creek
✓Spring Hill	El Paso

RESULTS OF PLOTTING HORIZONTAL ACCURACY TEST TRAVERSE № 5

T-1

1746.5 1007.2
"Latitude 34° 08' 1751.0 m. (98.7 m.) Longitude 78° 05' 1007.7 m. (529.4 m.)
Road intersection, well defined on all photographs

T-2

716.3 841.4
Latitude 34° 09' 720.4 m. (1128.3 m.) Longitude 78° 05' 844.5 m. (692.5 m.)
Center of bridge, well defined on all photographs

*T-3

1732.5 * 885.5 *
Latitude 34° 09' 1118.2 m. (730.5 m.) Longitude 78° 05' 803.2 m. (733.7 m.)
Center of store, not well defined on all photographs
different point ?

T-4

1732.5 885.5
Latitude 34° 09' 1733.7 m. (115.0 m.) Longitude 78° 05' 887.8 m. (649.0 m.)
Center of church, well defined on all photographs

*T-5

84.2 916.6
Latitude 34° 10' 83.4 m. (1765.3 m.) Longitude 78° 05' 918.4 m. (618.4 m.)
Road intersection, not well defined on all photographs

T-6

471.2 695.9
Latitude 34° 10' 466.3 m. (1382.4 m.) Longitude 78° 05' 701.3 m. (835.4 m.)
Road intersection, well defined on all photographs

T-7

1375.9 179.1
Latitude 34° 10' 1373.7 m. (475.0 m.) Longitude 78° 05' 180.0 m. (1356.6 m.)
Road intersection, well defined on all photographs

T-8

1607.0 47.1
Latitude 34° 10' 1603.6 m. (245.1 m.) Longitude 78° 05' 47.6 m. (1488.9 m.)
Road intersection, well defined on all photographs

T-9

456.6 1185.6
Latitude 34° 11' 451.7 m. (1397.0 m.) Longitude 78° 04' 1186.8 m. (349.6 m.)
Road intersection, well defined on all photographs

T-10

1083.4 441.7
Latitude 34° 11' 1083.5 m. (765.2 m.) Longitude 78° 04' 446.8 m. (1089.5 m.)
Center of house, well defined on all photographs

T-11

1241.3 256.0
Latitude 34° 11' 1236.5 m. (612.2 m.) Longitude 78° 04' 260.4 m. (1275.9 m.)
Center line highway and "T" Road, well defined on all photographs

*T-12

1561.1 1193.0
Latitude 34° 11' 1562.3 m. (286.4 m.) Longitude 78° 03' 1194.7 m. (341.6 m.)
Center line highway and "T" Road to northwest. This point is probably pricked poorly on traverse field inspection photograph No. 8444. This geographic position is of the compilation office interpretation of this point.

T-13

1723.2 799.1
Latitude 34° 11' 1724.0 m. (124.7 m.) Longitude 78° 03' 798.2 m. (738.0 m.)
Center line cross roads, well defined on all photographs

T-14

24.1 436.4
Latitude 34° 12' 22.1 m. (1826.6 m.) Longitude 78° 03' 437.1 m. (1099.1 m.)
Center line road intersection, well defined on all photographs

*T-15

357.9 1165.5
Latitude 34° 12' 353.2 m. (1495.5 m.) Longitude 78° 02' 1175.9 m. (360.2 m.)
Center line highway only. This point was radially plotted as pricked on Traverse Field Inspection photograph No. 8444. It should be used for azimuth of road between T-15 and T-16 only.

*T-16

742.5 235.9
Latitude 34° 12' 739.6 m. (1109.1 m.) Longitude 78° 02' 246.0 m. (1290.1 m.)
Center line highway only. (Same note as T-15)

*T-17

901.6 1513.5
Latitude 34° 12' 900.7 m. (948.0 m.) Longitude 78° 01' 1520.8 m. (15.2 m.)
This point is not pricked as described on traverse field photograph No. 8444. The point radially plotted is not the intersection of roads but is center line of road to southeast extended to center line of main road as shown, on photograph 8444. This compilation office assumes that the point shown on photograph No. 8444 is correct.

T-18

1025.3 1333.3
Latitude 34° 12' 1025.2 m. (823.5 m.) Longitude 78° 01' 1333.0 m. (203.0 m.)
Center line bridge, not well defined on all photographs

*T-19

1374.6 823.7
Latitude 34° 12' 1370.4 m. (478.3 m.) Longitude 78° 01' 838 m. (698 m.)
Center line highway only. (Same note as T-15) (Total = 0.7 mm)

T-20

277.4 1263.7
Latitude 34° 13' 277.6 m. (1571.1 m.) Longitude 78° 00' 1257.0 m. (278.8 m.)
Center line highway and road crossing, well defined on all photographs

T-21

Latitude 34° 13' 328.3 331.8 m. (1516.9 m.) Longitude 78° 00' 1127.7 1126.8 m. (409.0 m.)
Center of house well defined on all photographs.

Scaled by - Joseph Steinberg
Checked by- J. Edward Deal, Jr.

The above scaled test traverse stations fall on T-8184 of radial plot No. 4 of Project CS 284.

This test traverse was run between triangulation station WINNABOW, 1942 and triangulation station STURGEON, 1942.

All points marked with an asterisk should not be considered well defined points.

Due to insufficient overlap of photographs, it was necessary to establish points T-7, T-8, and T-9 from almost parallel radials."

Fred. L. Peacock

Fred. L. Peacock
Chief, Air Photographic
Compilation Party No. 2

T-8194

No. 1

	Remarks	Decisions
1		
2		Road Maps
3		"
4		"
5		1943 Railway Guide
6		
7		
8		
9	Pending with USGB	341779
10		"
11		"
12		341780
13		"
14		"
15		"
16		"
17		"
18		"
19		"
20		"
21		"
22		"
23		"
24		"
25		"
26		"
27	Pending with USGB	"

M 234

GEOGRAPHIC NAMES

Survey No. T-8184

WINNABOW quadrangle

1 Name on Survey	On Chart No. A,	On previous survey No. B,	On U. S. quadrangle Maps C,	From local information D	On local Maps E	P. O. Guide or Map F	Rand McNally Atlas G	U. S. Light List H	K	
Brunswick County	✓									1
U.S. Highway ~~701~~ 17	✓									2
" " 74,76	✓									3
State Highway No. 303	✓									4
Wilmington, Brunswick and Southern R.R. (Abd.)	✓									5
Town Creek Township	✓									6
Northwest Township	✓									7
										8
Town Creek	(stream) ✓									9
Beaverdam Branch		✓								10
Mallory Creek		✓								11
Dews Creek		✓								12
Rice Creek Road		✓								13
Funston Road		✓								14
Rice Creek		✓								15
Rice Creek Bridges		✓								16
Bell Swamp	(settlement)		✓							17
Bell Swamp	(stream)		✓							18
Bell Swamp Bridge			✓							19
Goodland Branch			✓							20
Morgan Branch			✓							21
Town Creek	(settlement)		✓							22
Winnabow			✓							23
Winnabow Bridge			✓							24
Bishop			✓							25
Bishop Branch			✓							26
Spring Hill			✓							27

M 234

T-8184

No. 2

	Remarks	Decisions
1		341781
2		"
3		"
4	On this quadrangle and on the Brunswick Co. names sheet this name is applied to two roads	"
5		"
6		342781
7		"
8		"
9		342780
10		"
11		"
12		"
13		"
14		"
15		"
16		342779
17		342780
18		"
19		
20		
21		
22		
23		
24		
25		
26		
27		

M 234

GEOGRAPHIC NAMES

Survey No. T-8184

2 Name on Survey	On Chart No. A,	On previous survey No. B.	On U. S. quadrangle Maps C,	From local information D	On local Maps E	P. O. Guide or Map F	Rand McNally Atlas G	U. S. Light List H	K	
New Hope Road	✓									1
Russells Creek	(settlement)		✓							2
Russells Creek	(stream)		✓							3
Lewis Swamp Road	✓									4
Henrytown	✓									5
Little Green Swamp	(only a part of it here) ←									6
Maco Road	✓									7
Hood Creek	←									8
Lanvale	←									9
Eliah	←									10
Eliah Road	←									11
Jackeys Creek	←									12
Piney Branch	←									13
Sturgeon Creek	←									14
Sturgeon Creek Bridge	✓									15
Mill Creek	←									16
Mill Creek Bridge	←									17
Easy Hill	✓									18
										19
										20
										21
										22
										23
										24
										25
										26
										27

L Heck on 11/22/43

M 234

RECORDS

Between January, 1942 and July, 1944, this Bureau completed 323 quadrangles. These maps have been published, or are in the process of being published on scales of 1:31,680 or 1:25,000. This series of quadrangles includes a land area of approximately 15,000 square miles. Incident to this work, a considerable volume of survey records and data has accumulated which will be filed for future reference. This material is filed as follows:

Registered and Filed in the Vault

Cloth-mounted copy of the published quadrangle.
Black and white cloth-mounted copy of the published quadrangle at 1:20,000 scale/~~map manuscript~~. This copy is filed to preserve original survey detail shown on the manuscript at 1:20,000 scale which may not have been shown on the published sheet. For ~~political boundaries~~, woodland, ~~marsh, and swamp limits~~, refer to the published quadrangle for the finally adopted positions.

Descriptive Report.

Filed in the Photogrammetric ~~Section -- Surveys Branch~~ Division

Field inspection photographs.

Contoured photographs (on which planetable contouring work was performed.)

Field edit sheet.

Descriptions of recoverable topographic stations (Form 524), filed in Review~~ing Unit~~. Section

Supplementary traverse and level records.

Field notes, computations, lists of positions, and tabulations of results of horizontal and vertical accuracy tests.

Reproduction proof.

Correction sheet (copy of quadrangle showing in red changes to be made when next printed.)

Check lists of work performed on each sheet in the Washington Office during review, drafting, edit, and reproduction.

Original celluloid manuscript.

Copies of specifications and all instructions to field parties and field offices.

Filed in Reproduction Branch

Glass negatives of the color separation drawings.

Filed in the Library

~~Special report on field work by Commander K. T. Adams, 1944.~~

Special report on office work by B. G. Jones, 1944.

Season's report on field work by Commander F. L. Gallen, 1944.

Season's report on field work by Commander R. L. Schoppe, 1944.

Delivered to the Army Map Service in accordance with the contract

Film negatives and film positives of the color separation drawings.

All color separation drawings.

~~Original celluloid manuscript.~~

A correction sheet consisting of a copy of the first edition of the quadrangle with notes in red indicating changes desirable at the next printing.

DIVISION OF CHARTS

SURVEYS BRANCH

REVIEW OF AIR PHOTOGRAPHIC SURVEY T- 8184

WINNABOW QUADRANGLE

This quadrangle manuscript has been examined for completeness, accuracy, and conformity with the specifications. It is adequate for smooth drafting, reproduction and publication. Revisions found to be necessary in this office are discussed on the next page.

Horizontal and Vertical Accuracy

The results of the horizontal accuracy test for this quadrangle are on the pages marked "2,3,4" in this report.

There is no vertical accuracy test in this area.

Previous Surveys

This manuscript has been compared with the following previous topographic surveys of this Bureau and other agencies. This map is satisfactory to supersede the previous surveys over the common area.

There are no previous topographic surveys in this area.

Comparison with Nautical Charts Nos. 425

The manuscript has not been applied to the charts at the date of this review. The following comments are pertinent to the compilation and correction of nautical charts:

The details of T-8184 are complete and adequate for chart correction.

The following revisions of the map manuscript were found to be necessary and were accomplished as a part of this review:

Only changes of a minor nature were necessary during the review of this map manuscript.

Reviewed Nov. 2, 1943 By A. W. Carnell per D.M.

under direction of D. H. Benson

Inspected by B. G. Jones B.G. Jones 5/46

Examined and approved:

K.T. Adams
Chief, ~~Surveys Branch~~
Division of Photogrammetry

~~Chief, Topography Section~~

Robert W. Knox
Chief, Div. of Charts
Robert W. Knox
Chief, Nautical Chart Branch

Raymond Rayman
Chief, Div. of Coastal Surveys