

8995

Diag. Cht. No. 1231-2

Form 504

U. S. COAST AND GEODETIC SURVEY

DEPARTMENT OF COMMERCE

DESCRIPTIVE REPORT

Type of Survey TOPOGRAPHIC

Field No. Ph-20(47) Office No. T-8995

LOCALITY

State NORTH CAROLINA

General locality PAMLICO-BEAUFORT COUNTIES

Locality VANDEMERE

194

CHIEF OF PARTY

R.J.Sipe, Chief of Field Party.

R.A.Gilmore, Tampa Photogrammetric Office

LIBRARY & ARCHIVES

DATE April 1, 1953

DATA RECORD

T-8995

Project No. (II): Ph-20(47)

Quadrangle Name (IV): VANDEMERE, N.C.

Field Office (II): Washington, N.C.

Chief of Party: Riley J. Sipe

Photogrammetric Office (III): Tampa, Florida

Officer-in-Charge: Ross A. Gilmore

Instructions dated (II) (III): July 23, 1948

Copy filed in Division of
Photogrammetry (IV)

Office Files

Method of Compilation (III): Graphic

Manuscript Scale (III): 1: 20,000

Stereoscopic Plotting Instrument Scale (III):

Scale Factor (III): None

Date received in Washington Office (IV): 8-3-49 Date reported to Nautical Chart Branch (IV):

Applied to Chart No.

Date:

Date registered (IV): 13 Jan 1953

Publication Scale (IV): 1:24,000

Publication date (IV):

Geographic Datum (III): N.A. 1927 ✓

Vertical Datum (III): M S L ✓

Mean sea level except as follows:

Elevations shown as (25) refer to mean high water

Elevations shown as (5) refer to sounding datum

i.e., mean low water or mean lower low water

Reference Station (III): BRICK, 1935 ✓

Lat.: 35° 09' 31.486" (970.3m.) ✓ Long.: 76° 40' 51.278" (1297.8m.) ✓

Adjusted ✓
~~Unadjusted~~

Plane Coordinates (IV): North Carolina

State:

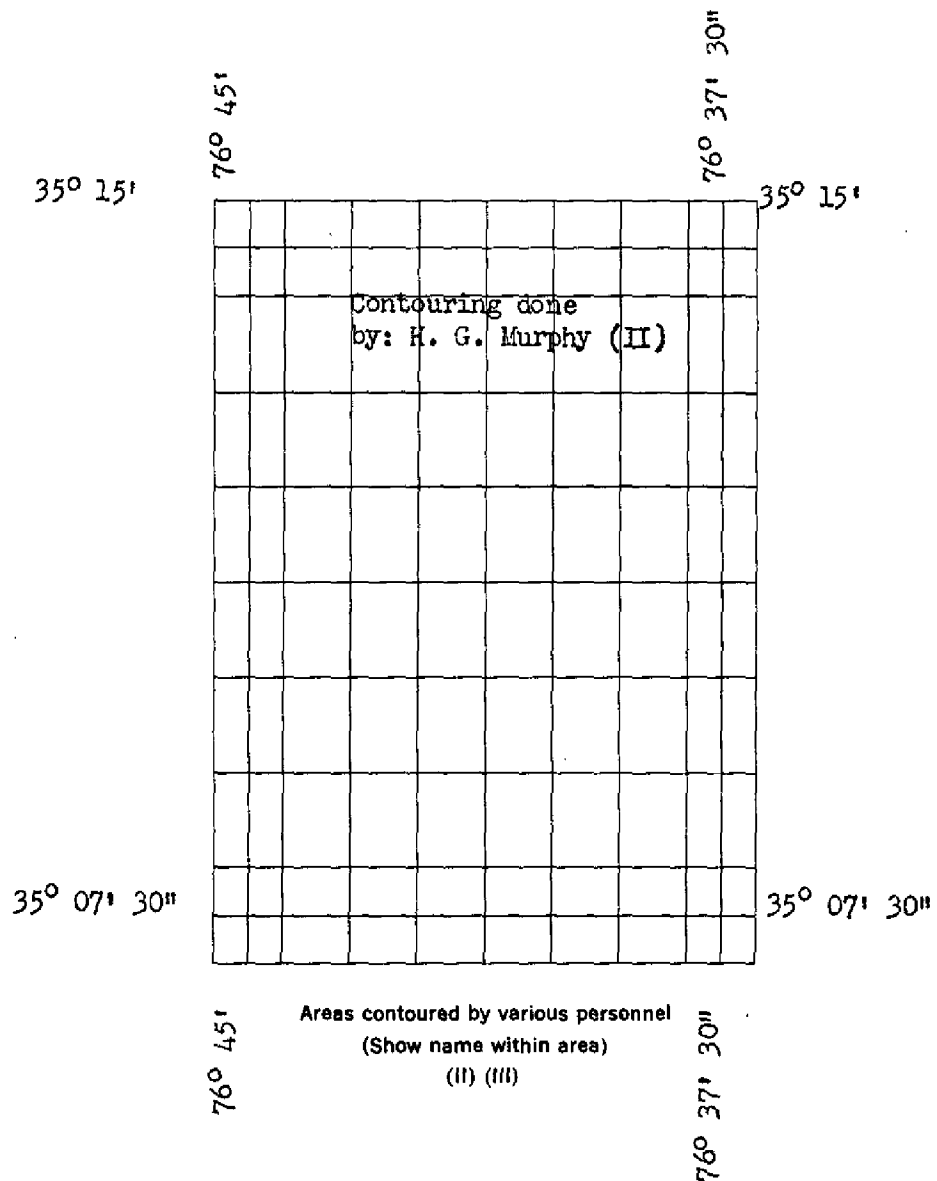
Zone:

Y= 520,784.40 Feet

X= 2,693,091.78 Feet

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

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



DATA RECORD

Field Inspection by (II): E. L. Williams & H. G. Murphy

Date: May-Oct., 1948

Planetable contouring by (II): H. G. Murphy

Date: Aug.-Nov., 1948

Completion Surveys by (II): CA NAVIN

Date: MAY 1950

Mean High Water Location (III) (State date and method of location):

Air Photo Compilation

Nov. 5, 1948

Projection and Grids ruled by (IV): W.E.W. (W.O.)

Date: June 18, 1948

Projection and Grids checked by (IV): " "

Date: " " "

Control plotted by (III): B.F. Lampton

Date: Sept. 1948

Control checked by (III): R.R. Wagner

Date: Oct. 1948

Radial Plot of Stereoscopic

Date: Dec. 21, 1948

Control extended by (III): M.M. Slavney

Planimetry

Date:

Stereoscopic Instrument compilation (III):

Contours

Date:

Manuscript delineated by (III): W.H. Shearouse

Date: Apr. 1949

Photogrammetric Office Review by (III): J.A. Giles

Date: June, 1949

Elevations on Manuscript

Date:

checked by (II) (III): W.W. Dawsey (III)

June, 1949

Camera (kind or source) (III): U. S. C. & G. S. 9-lens camera

| Number | Date | Time | Scale | Stage of Tide |
|--------|---------------|------|-----------|------------------|
| 15901 | Apr. 1, 1946 | 1207 | 1: 20,000 | No periodic tide |
| 15902 | " | 1209 | 1: 20,000 | " |
| 15903 | " | 1211 | 1: 20,000 | " |
| 21653 | Jan. 26, 1948 | 1501 | 1: 20,000 | " |
| 21654 | " | 1502 | 1: 20,000 | " |
| 24140 | Dec. 21, 1948 | 1300 | 1: 20,000 | " |
| 24141 | " | 1301 | 1: 20,000 | " |

Tide (III)

Reference Station: *None appreciable periodic tide.*
Subordinate Station:
Subordinate Station:

| Ratio of Ranges | Mean Range | Spring Range |
|--------------------|---------------|-----------------|
| | | |
| | | |
| | | |

Washington Office Review by (IV): *J L RINA*

Date: *June 1951*

Final Drafting by (IV): *USGS*

Date:

Drafting verified for reproduction by (IV):

Date:

Proof Edit by (IV): *Everett H. Ramey*

Date: *7 Mar 1952*

Land Area (Sq. Statute Miles) (III): 58

Shoreline (More than 200 meters to opposite shore) (III): 11.5

Shoreline (Less than 200 meters to opposite shore) (III): 23.1

Control Leveling - Miles (II): 30

Number of Triangulation Stations searched for (II): 63

Recovered: 39

Identified: 13

Number of BMs searched for (II): 4

Recovered: 4

Identified: 4

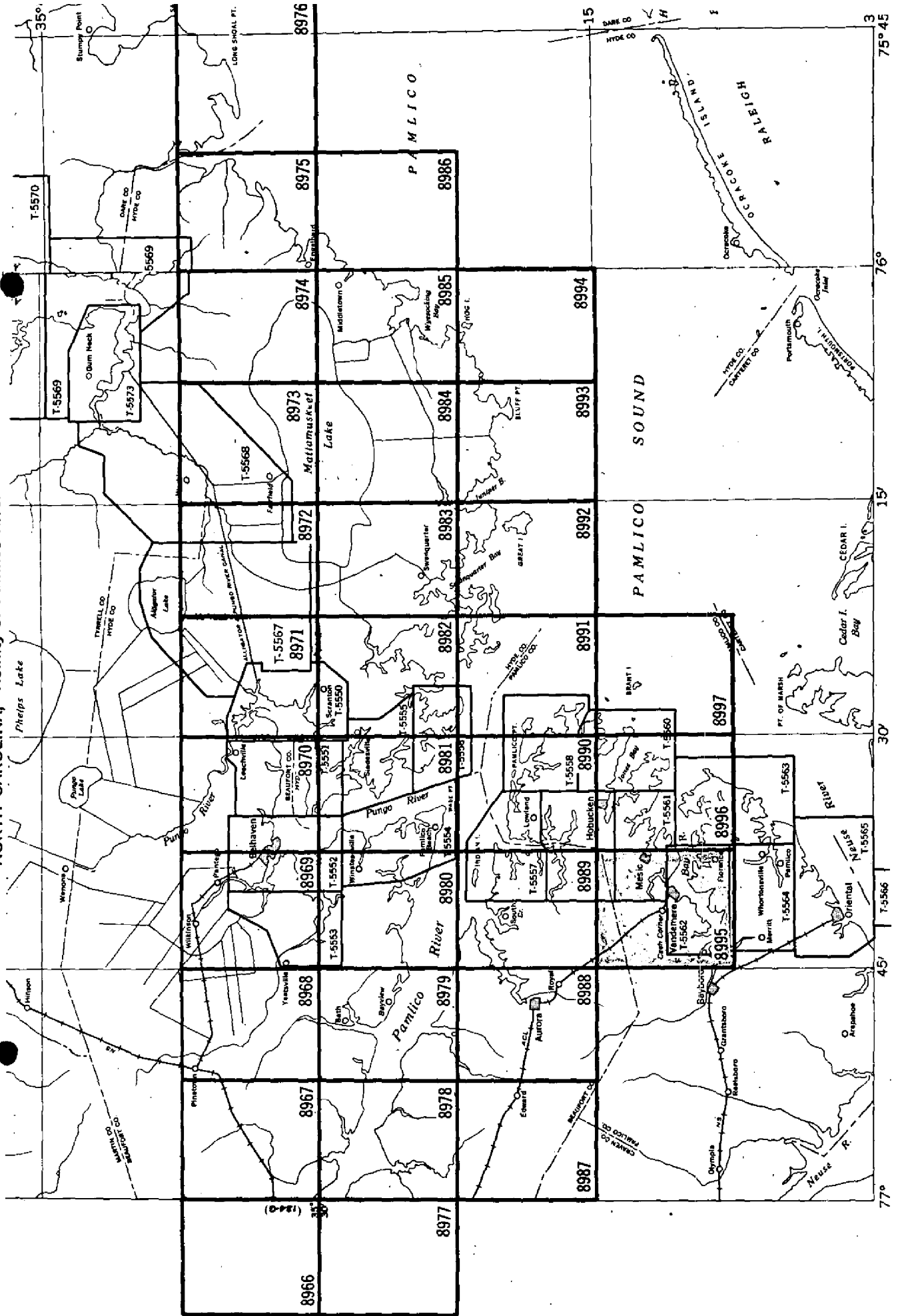
Number of Recoverable Photo Stations established (III): 7

Number of Temporary Photo Hydro Stations established (III): None

Remarks:

TOPOGRAPHIC MAPPING PROJECT
PH-200077

NORTH CAROLINA, Vicinity of Pamlico River



SUMMARY TO ACCOMPANY T-8995

Topographic map T-8995 is one of a series of 32 maps, graphically compiled, in project Ph-20(47). The field operations included complete field inspection and plane-table contouring on 1:20,000 scale nine-lens photos. A manuscript was compiled and completely field edited.

This map is to be published by the U. S. Geological Survey at a scale of 1:24,000 as a standard $7\frac{1}{2}$ minute quadrangle. The registered copies under T-8995 will include the original descriptive report; a cloth-mounted print of the manuscript at a scale of 1:20,000 and a cloth-mounted print of the published map at a scale of 1:24,000.

FIELD INSPECTION REPORT
QUADRANGLE T-8995
(35° 07' 30" - 76° 37' 30")
Project Ph-20(47)
Riley J. Sipe, Chief of Party

The field work for this quadrangle was done in accordance with the Director's Instructions, Project Ph-20(47), Field, dated 23 July 1948 and other instructions as noted herein. The field work was accomplished by the following personnel.

| <u>Name & Title</u> | <u>Phase</u> | <u>Dates</u> |
|---------------------------------|--|----------------------------------|
| E. L. Williams Engr. Aid | Shoreline & Horizontal Control | May 7, 1948 / May 27, 1948 |
| Herschel G. Murphy Engr. Aid | Contouring Interior Field Inspection | Aug. 31, 1948/ Nov. 5, 1948 |
| Matthew A. Stewart Engr. Aid | Leveling | Sept. 9, 1947 / Oct. 30, 1947 |

1. DESCRIPTION OF AREA

This quadrangle is located in Pamlico and Beaufort Counties, North Carolina, with only a small portion of the northern part of the quadrangle in Beaufort County.

The Bay River flows through the southern part of the quadrangle in a general east-west direction.

There is one hard surfaced highway (N.C. Route No. 304) running generally northeast-southwest through the southern part of the quadrangle, approximately one mile north of Bay River. A branch of this highway (N. C. Route No. 307) serves the town of Vandemere. A secondary road, now in the process of being surfaced serves the area south of Bay River.

The area north of N. C. Route No. 304 is comprised of heavily wooded swamp land. The Atlantic Coast Line Railroad runs through this swamp in a northwest-southeast direction and with this one exception there is no means of access to the entire area whatsoever. The trees in this swamp are mixed pine, cypress and gum.

The area south of N. C. Route No. 304 is comprised of farm land and scattered areas of heavily wooded land.

There are a number of small communities in the quadrangle, largest of which is Vandemere with an approximate population of two hundred and fifty people.

Farming is the predominating industry in the quadrangle although a number of shrimp, fish and oyster boats work the Bay River and adjacent waters, using Vandemere as their home port.

2. COMPLETENESS OF THE FIELD INSPECTION

Field inspection of the quadrangle is thought to be complete and all features are adequately classified and identified on the photographs.

Woodland cover was classified in accordance with Photogrammetry Instructions No. 21 dated 18 August 1948.

3. INTERPRETATION OF THE PHOTOGRAPHS

No great difficulty was encountered in topographic interpretation of photographic details. *See next page*

4. HORIZONTAL CONTROL

All known horizontal control was searched for within the quadrangle and a report for each triangulation station submitted on Form 526.

No supplemental control was established during field inspection.

5. VERTICAL CONTROL

Nine miles of a third order level line were run through the quadrangle and thirteen bench marks established.

Thirty miles of fly levels were run to establish additional vertical control for planetable contouring. All existing bench marks were searched for or recovered.

6. CONTOURS AND DRAINAGE

Contouring was done by planetable methods directly on 1:20,000 scale nine lens photographs.

Elevations range from sea level to fifteen feet.

3. CLARIFICATION OF PHOTOGRAPHIC DETAIL

The area in the quadrangle lying north of N. C. Route No. 304 was worked during the dry season and except for areas under cultivation, water was standing to a depth of one foot.

There are several ditches in the swamp, west of the Atlantic Coast Line Railroad tracks, they are approximately twenty-five feet wide and their banks are broken and irregular. No contour was, or should be shown along these banks.

East of the railroad tracks in this same swamp are a number of patches of reeds and scattered trees. While these areas appear to be higher than the surrounding country, they are, according to elevations taken in these areas actually about 0.5 of a foot lower.

A line inked in green has been shown on the photographs indicating the dividing point between swampland and areas to be classified as T.

Cultivated fields in this quadrangle are ditched at intervals of approximately one hundred feet. These ditches are too numerous and too small to be shown.

A line was run along the western limit of the quadrangle and elevations set at approximately six hundred foot intervals.

The swamp comprising the northern portion of the quadrangle has no definite pattern of drainage.

7. MEAN HIGH-WATER LINE

Mean high-water line is as photographed. In many cases it was determined by lone trees on the mean high-water line which were identifiable on the photographs.

8. LOW-WATER LINE

Mean low-water line is the same as mean high-water line because there is no periodic tide.
↑ appreciable

9. WHARVES AND SHORELINE STRUCTURES

Adequately covered by photographs.

10. DETAILS OFFSHORE FROM HIGH-WATER LINE

Duck blinds, all of which are of a temporary nature, were disregarded.

11. LANDMARKS AND AIDS TO NAVIGATION

All fixed aids were located by theodolite cuts (1 set 3 D & R) from triangulation stations. *See review report*

12. HYDROGRAPHIC CONTROL

At no place along the shore does the interval between triangulation stations, daybeacons, lights, and topographic stations exceed 1.8 mile. In most areas the control is much closer.

13. LANDING FIELDS AND AERONAUTICAL AIDS

There are no landing fields or aeronautical aids in the area, encompassed by the limits of this quadrangle.

14. ROAD CLASSIFICATION

All roads were classified in accordance with Photogrammetry Instructions No. 10 dated 14 April 1947 and amendment thereto dated 24 October 1947. It was noted during the course of field inspection

that the highway linking Trent, N. C. and Florence, N. C. was being improved. When it is complete the classification of the road probably should be changed.

15. BRIDGES

There are no bridges over navigable waters in this quadrangle.

16. BUILDINGS AND STRUCTURES

The field inspection of buildings and structures was completed in accordance with the Acting Director's letter to Commander Riley J. Sipe, dated 9 September 1948, and prior to receipt of Photogrammetry Instructions No. 29, dated 1 October 1948.

New buildings and structures erected since photography were located directly on the nine lens photographs by (1) planetable methods, (2) measurements from identifiable points of detail.

17. BOUNDARY MONUMENTS AND LINES

For legal descriptions of all boundaries in this project, see Special Boundary Report by Wilber H. Nelson, which will be submitted at a later date. *Filed in Div of Photogrammetry under project data*

18. GEOGRAPHIC NAMES

This will be the subject of a Special Report which will be submitted by Wilber H. Nelson at a later date. *Filed in Geographic Name Section*

Submitted: *Div of Charts,*

3 November 1948

Herschel G. Murphy
Herschel G. Murphy
Engr. Aid

Date:

Approved by:

Riley J. Sipe
Riley J. Sipe
Chief of Party

MAP T-8995

PROJECT NO. Ph-20(47)

SCALE OF MAP 1: 20,000

SCALE FACTOR

| STATION | SOURCE OF INFORMATION (INDEX) | DATUM | LATITUDE OR μ -COORDINATE LONGITUDE OR κ -COORDINATE | DISTANCE FROM GRID IN FEET. OR PROJECTION LINE IN METERS FORWARD (BACK) | DATUM CORRECTION | N.A. 1927 - DATUM DISTANCE FROM GRID OR PROJECTION LINE IN METERS FORWARD (BACK) | FACTOR DISTANCE FROM GRID OR PROJECTION LINE IN METERS FORWARD (BACK) |
|--|-------------------------------|-------|--|---|------------------|---|--|
| <i>✓</i> 36 23 7 BAYBORO, 1935 | G.P.s. N.A. 1927 P.376 | | 35 08 37.152 76 46 07.280 | <i>Outside Project limits</i> | | 1144.9 (704.1) | |
| <i>✓</i> 37 7 TOR 1935 | P.392 X | " | 35 08 39.884 76 43 09.905 | | | 184.3 (1334.6) | |
| <i>✓</i> 37 7 N (USE) 1913 | P.427 | " | 35 08 54.43 76 43 37.84 | | | 1229.1 (619.9) | |
| <i>✓</i> 37 7 P (USE) 1913 | " | " | 35 09 00.13 76 43 46.81 | | | 250.7 (1268.1) | |
| <i>✓</i> 36 7 O (USE) 1913 | " | " | 35 09 02.52 76 43 31.03 | | | 1677.4 (171.7) | |
| <i>✓</i> 36 7 M (USE) 1913 | 426 | " | 35 08 49.40 76 43 21.81 | | | 957.8 (560.9) | |
| <i>✓</i> 36 7 LYNCH BEACH PAVILION 1935 | P.394 | " | 35 09 32.251 76 41 17.538 | | | 4.0 (1845.0) | |
| <i>✓</i> 36 7 NEAR, 1913 | P.391 | " | 35 10 12.194 76 40 17.043 | | | 1184.9 (333.9) | |
| <i>✓</i> 36 7 HORTON, 1935 | P.397 4 | " | 35 09 50.746 76 39 44.260 | | | 77.7 (1771.4) | |
| <i>✓</i> 36 7 BAPTIST CHURCH 1935 | P.394 | " | 35 10 59.49 76 39 58.00 | | | 785.4 (733.3) | |
| <i>✓</i> 36 7 ROPE, 1935 | P.375 | " | 35 12 03.354 76 40 41.938 | | | 1522.4 (326.7) | |
| <i>✓</i> 36 7 METHODIST CHURCH 1935 | P.394 | " | 35 10 58.74 76 39 52.66 | | | 552.1 (966.7) | |
| <i>✓</i> 36 7 SPIRE, 1935 | P.394 | " | | | | 993.9 (855.1) | |
| | | | | | | 443.9 (1074.7) | |
| | | | | | | 375.8 (1473.2) | |
| | | | | | | 431.3 (1087.1) | |
| | | | | | | 1563.8 (285.2) | |
| | | | | | | 1120.1 (398.3) | |
| | | | | | | 1833.3 (15.7) | |
| | | | | | | 1467.5 (50.6) | |
| | | | | | | 103.4 (1745.7) | |
| | | | | | | 1060.9 (456.9) | |
| | | | | | | 1810.2 (38.8) | |
| | | | | | | 1332.4 (185.7) | |

MAP T-8995

PROJECT NO. Ph-20(47)

SCALE OF MAP: 20,000

SCALE FACTOR

| STATION | SOURCE OF INFORMATION (INDEX) | DATUM | LATITUDE OR ψ -COORDINATE LONGITUDE OR χ -COORDINATE | | DISTANCE FROM GRID IN FEET. OR PROJECTION LINE IN METERS | | DATUM CORRECTION | N.A. 1927 - DATUM DISTANCE FROM GRID OR PROJECTION LINE IN METERS | | FACTOR DISTANCE FROM GRID OR PROJECTION LINE IN METERS |
|--|-------------------------------|-------|---|----|---|--|------------------|---|----------|--|
| | | | | | | | | FORWARD | (BACK) | |
| E. HOLTON, WEST ^{EAST} | G.P.s. | N.A. | 35 | 10 | 55.904 | | | 1727.8 | (126.2) | |
| WHITE HOUSE, 1935 | P.394 | 1927 | 76 | 39 | 46.769 | | | 1183.3 | (334.8) | |
| ✓ PENN, 1935 | P.390 | " | 35 | 10 | 58.261 | | | 1795.4 | (453.6) | |
| | | | 76 | 39 | 44.600 | | | 1128.5 | (389.7) | |
| ✓ FLORENCE, 1935 | P.376 | " | 35 | 08 | 35.981 | | | 1108.8 | (740.2) | |
| | | | 76 | 37 | 54.199 | | | 1372.0 | (146.8) | |
| ✓ CHAP, 1935 | P.392 | " | 35 | 08 | 45.149 | | | 1391.4 | (457.7) | |
| | | | 76 | 42 | 22.859 | | | 578.6 | (940.2) | |
| ✓ HARP, 1935 | P.391 | " | 35 | 09 | 06.017 | | | 185.4 | (1663.6) | |
| | | | 76 | 41 | 54.107 | | | 1369.5 | (149.2) | |
| ✓ POWERS, 1935 | P.379 | " | 35 | 08 | 55.449 | | | 1708.8 | (140.2) | |
| | | | 76 | 41 | 02.137 | | | 54.1 | (1464.6) | |
| ✓ POTTER, 1935 | P.391 | " | 35 | 09 | 36.739 | | | 1132.2 | (716.8) | |
| | | | 76 | 40 | 02.907 | | | 73.6 | (1445.0) | |
| ✓ ROBER, 1935 | P.391 | " | 35 | 08 | 51.291 | | | 1580.6 | (268.4) | |
| | | | 76 | 40 | 21.130 | | | 534.9 | (983.9) | |
| ✓ BRICK, 1935 | P.391 | " | 35 | 09 | 31.486 | | | 970.3 | (878.7) | |
| | | | 76 | 40 | 51.278 | | | 1297.8 | (220.8) | |
| ✓ IVES, 1935 | P.376 | " | 35 | 09 | 44.474 | | | 1370.6 | (478.5) | |
| | | | 76 | 43 | 28.877 | | | 730.8 | (787.7) | |
| ✓ P. (495) 1935 | P.426 | " | 35 | 08 | 35.119 | | | 1084.5 | (764.6) | |
| | | | 76 | 42 | 52.66 | | | 1333.0 | (185.8) | |
| ✓ TRENT, 1935 | P.392 | " | 35 | 08 | 26.219 | | | 808.0 | (1041.0) | |
| | | | 76 | 43 | 09.725 | | | 246.2 | (1272.7) | |

1 FT. = 3048006 METER

COMPUTED BY B.F. Lampton

DATE Sept. 22, 1948

CHECKED BY: R.R. Wagner

DATE

27 September 1948

M-2388.12

MAP T-8995

PROJECT NO. Ph-20(47)

SCALE OF MAP 1: 20,000

SCALE FACTOR

| STATION | SOURCE OF INFORMATION (INDEX) | DATUM | LATITUDE OR ψ -COORDINATE LONGITUDE OR χ -COORDINATE | DISTANCE FROM GRID IN FEET. OR PROJECTION LINE IN METERS FORWARD (BACK) | DATUM CORRECTION | N.A. 1927 - DATUM DISTANCE FROM GRID OR PROJECTION LINE IN METERS FORWARD (BACK) | FACTOR DISTANCE FROM GRID OR PROJECTION LINE IN METERS FORWARD (BACK) |
|-----------------------------|-------------------------------|-----------|---|---|------------------|--|---|
| 34 BOS 1935 | G.P.s. P.392 | N.A. 1927 | 35 08 11.983 76 42 49.473 | | | 369.3 (1479.7) 1252.5 (266.5) | |
| 34 CASA, 1935 | " | " | 35 08 27.213 76 42 29.954 | | | 838.6 (1010.4) 758.3 (760.6) | |
| 34 MASON, 1935 | " | " | 35 07 52.204 76 41 06.814 | | | 1608.8 (240.2) 172.5 (1346.6) | |
| 34 MASON, 1935 | P. 376 | " | 35 08 09.947 76 41 41.328 | | | 306.5 (1542.5) 1046.3 (472.7) | |
| 34 SKIP, 1935 | P. 392 | " | 35 09 43.542 76 38 24.392 | | | 1341.8 (507.2) 617.3 (901.2) | |
| 34 HOP, 1935 | P. 390 | " | 35 09 38.481 76 38 00.863 | | | 1185.9 (663.2) 21.8 (1496.7) | |
| 34 GULL, 1935 | P-390 | " | 35 10 26.921 76 38 09.399 | | | 829.6 (1019.4) 237.8 (1280.5) | |
| 34 POINT- PETTYS 2, 1913 | P. 393 | " | 35 10 27.352 76 38 09.778 | | | 842.9 (1006.1) 247.4 (1270.9) | |
| 34 MERE, 1935 | P. 390 | " | 35 10 40.502 76 38 41.803 | | | 1248.2 (600.9) 1057.8 (460.4) | |
| 34 MESIC, 1935 | P. 375 | " | 35 12 19.602 76 37 44.650 | | | 604.1 (1244.9) 1129.4 (388.3) | |
| 34 LIGHT, 1935 | P. 390 | " | 35 10 02.209 76 39 15.319 | | | 68.1 (1780.9) 387.7 (1130.7) | |
| 34 POINT- BELL'S 2, 1913 | P. 393 | " | 35 10 02.717 76 39 15.986 | | | 83.7 (1765.3) 404.6 (1113.9) | |

1 FT. = 3048006 METER

COMPUTED BY B.F. Lampton

DATE Sept. 22, 1948

CHECKED BY R.R. Wagner

DATE Sept. 27, 1948

MAP T. 8995.

PROJECT NO. Ph-20(47)

SCALE OF MAP 1: 20,000

SCALE FACTOR

[illegible]

1 FT = 3048006 METER

COMPUTED BY: B.F. Lampton...

DATE Sept. 22, 1948

CHECKED BY: R.R. Wagner

DATE Sept. 27, 1948

M-238A-12

COMPILATION REPORT
T-8995

26 & 27. CONTROL AND RADIAL PLOT:

These are the subject of a special report to be submitted to the Washington Office by Mr. Milton M. Slavney, Photogrammetric Engineer.

Filed in Descriptive Report for T-8996

28. DELINEATION:

An attempt was made to draw buildings in accordance with Photogrammetry Instructions No. 29, dated October 1, 1948. Since the instructions were issued after field inspection the compiler may be in error in classifying some of the second class buildings as such. The field editor is requested to give this matter a careful checking.

No unusual conditions were encountered in compilation. Photographic coverage was complete and the photographs of fair to good scale. They are classified as follows: 15901, 15902 and 15903 fair scale; 21653 and 21654, good; 24140 and 24141 good. The latter two photographs were used very little since they mainly cover a swamp where little delineation was required.

Field inspection was good and complete enough to warrant a thorough delineation with only a few points in question being referred to the field editor.

29. SUPPLEMENTAL DATA:

None used.

30 & 31. MEAN HIGH-WATER LINE, LOW-WATER AND SHOAL LINES:

Reference is hereby made to items 7 and 8 of the field inspection report.

32. DETAILS OFFSHORE FROM THE HIGH-WATER LINE:

None.

33. WHARVES AND SHORELINE STRUCTURES:

Drafted as photographed and field inspected.

34. LANDMARKS AND AIDS TO NAVIGATION:

No landmarks were recommended for charting by field party. Two landmarks shown on Nautical Chart 1231 will be referred to the field editor for further investigation. *See forms 567 attached*

Nonfloating aids to navigation were satisfactorily located from theodolite cuts furnished by the field inspector. Positions have been scaled and listed on Form 567.

35. HYDROGRAPHIC CONTROL:

Seven topographic stations were established.

No hydrographic signal sites were required in this part of the project.

36. LANDING FIELDS AND AERONAUTICAL AIDS:

None

37. CONTOURS:

Contouring appears to be complete and well done with the exception of one area. Further study of this area has been requested of the Washington Office review section or the field editor.

38. POLITICAL BOUNDARIES:

The county line between Beaufort and Pamlico Counties was shown on this map manuscript according to the boundary report submitted by the Washington Office. Township lines were shown according to county maps submitted by the field party.

A point on the Beaufort-Pamlico county line west of the project was identified by the field inspector and subsequently located by the radial plot method. The angle point in the northeast corner of the map manuscript on the said county line was established from notes in the boundary report submitted for the project. The two points were connected with a straight line and the resulting Beaufort-Pamlico county line appears to be in good agreement with the map submitted with the boundary report.

See item 59

39. GEOGRAPHIC NAMES:

Names as shown on the official Geographic Name Sheets have been applied to the map manuscript.

44. COMPARISON WITH EXISTING TOPOGRAPHIC QUADRANGLES:

A comparison was made with the 1: 10,000 scale USC&GS planimetric maps in this area, and generally were found to be in good agreement.

45. COMPARISON WITH NAUTICAL CHARTS:

Nautical Chart No. 538, scale 1: 40,000, bearing a correction date of December 9, 1946, and Nautical Chart No. 1231, scale 1: 80,000 bearing a correction date October 5, 1946 were used for comparison, and were found to be in good agreement

Respectfully submitted,

William H. Shearouse
William H. Shearouse *by naz*
Cartographer

Approved and Forwarded:

Ross A. Gilmore
Ross A. Gilmore, 7/27/49
Chief of Party.

Bm

FIELD EDIT REPORT
Quadrangle T-8995
35°07.5'/76°37.5'/7.5'
Project Ph-20(47)

Harry F. Garber, Chief of Party

The field edit of this quadrangle was accomplished during the period from May 22 through May 31, 1950 by Cecil A. Navin, Topographic Engineer. All work was performed in accordance with Field Edit Instruction, dated August 1945; Supplement No. 1, dated February 1946; Related Photogrammetry Instructions; and Topographic Manual-Part II, dated June 1949.

51. METHODS

All features were checked with the exception of the swamp in the northwest portion of the quadrangle. This swamp was verified by the Washington Office as needing no further check during field edit. Corrections were made by visual inspection augmented by hand-level elevations and tape measured distances; and are shown on the field edit sheet or the field photographs. For the most part the photographs used were void of conflicting inked detail, and in many cases a broad cross-reference has been shown on the field edit sheet regarding all corrections in an entire area rather than for individual references.

All field edit corrections have been shown in violet ink with deletions in green ink.

The field edit data is shown on one(1) field edit sheet; one(1) discrepancy sheet; one(1) geographic names sheet; and three(3) field photographs, numbers 15901, 15902, and 21653.

52. ADEQUACY OF COMPILATION

Considering the extent of field inspection, the compilation is excellent.

53. MAP ACCURACY

From visual inspection the horizontal and vertical accuracy appears very good.

54. RECOMMENDATIONS

No comment

55. EXAMINATION OF THE PROOF COPY

The copy of the map manuscript was submitted to Mr. W. H. Holton, Cash Corner, N.C. for examination. He recommended no changes other than those covered by field edit.

The geographic names sheet was verified correct by numerous local residents. They recommended the changing of the name "BALL CREEK PT" at 35°09.7'/76°38.0' be changed to "CEDAR PT".

56. WOODLAND COVER, Reference to item 2 of Field Inspection Report

Many open areas in this and adjacent quadrangles are being left idle and subject to natural re-forestation for commercial pulp-wood purposes. These areas have been delineated on the photographs as "T"; although, some borderline cases have been left as indicated by photography.

57. BUILDINGS AND STRUCTURES, Reference item 16

All buildings have been re-classified in accordance with current instructions. Numerous class 2 structures have been deleted inasmuch as tool sheds in cultivated areas are more or less temporary nature and tobacco barns are too plentiful to be outstanding as class 2 structures. Only those outbuildings of prominent nature are shown in the interior of the quadrangle and all buildings are shown adjacent to the waters edge.

58. ROADS, Reference item 14

Numerous roads have come under county or state highway maintenance since field inspection and have been re-classified.

59. POLITICAL BOUNDARIES, Reference items 17 and 38

The Beaufort-Pamlico County Line as shown on this quadrangle is believed in error. Information regarding its location was submitted to the Tampa Office with Field Edit Data for quadrangle T-8722, Ph-5.

*Corrected during review.
J.R.*

Submitted:
2 June 1950

Cecil A. Navin
Cecil A. Navin
Topographic Engineer

Approved:

Harry F. Garber
Chief of Party

TO BE CHARTED

STRIKE OUT ONE

THE NEW BOOK

NONFLOATING AIDS OR EXPAND MARKS FOR CHARTS

Washington, N. C.

13 July 1948

I recommend that the following objects which have ~~(have been)~~ been inspected from seaward to determine their value as landmarks be charted on ~~(detected from)~~ the charts indicated.

The positions given have been checked after listing by T.J. Sauerstein

Tampa Photogrammetric Office

Riley J. Sipe
Chief of Party

[illegible]

This form shall be prepared in accordance with Hydrographic Manual, pages 800 to 804. Positions of charted landmarks and *nonfloating aids* to navigation, if redetermined, shall be reported on this form. The data should be considered for 43.

C
O
P
Y

DEPARTMENT OF COMMERCE
U. S. Coast and Geodetic Survey
Washington, D. C.

Reference 73-rb

9 September 1948

To: Comdr. Riley J. Sipe
U. S. Coast and Geodetic Survey
P. O. Box No. 1
Washington, North Carolina

Subject: Field Inspection - Buildings

Reference is made to your letter dated 2 September 1948
on the same subject as above.

Until receipt of new instructions on field inspection
and classification of buildings, you should continue with your
present practice of encircling all buildings to be shown on
the finished map manuscript.

J. H. Hawley
/s/ Acting Director

GEOGRAPHIC NAMES

Survey No. T-8995

Vandemere 7 $\frac{1}{2}$ ' quad., N.C.

1 Name on Survey

| | A | B | C | D | E | F | G | H | K | |
|--|---|---|---|---|---|---|---|---|---|----|
| North Carolina ✓✓ | | | | | | | | | | 1 |
| Pemlico County ✓✓ | | | | | | | | | | 2 |
| Township 3 ✓✓ | | | | | | | | | | 3 |
| Township 2 ✓✓ | | | | | | | | | | 4 |
| Beaufort County ✓✓ | | | | | | | | | | 5 |
| Richland Township ✓✓ | | | | | | | | | | 6 |
| Norfolk Southern (dismantled) ✓✓ | | | | | | | | | | 7 |
| Atlantic Coast Line ✓✓ | | | | | | | | | | 8 |
| State Nos. 55, 304, 307 ✓✓ | | | | | | | | | | 9 |
| Bay River ✓✓ | | | | | | | | | | 10 |
| | | | | | | | | | | 11 |
| Cabin Creek ✓✓ | | | | | | | | | | 12 |
| Bell Creek ✓✓ | | | | | | | | | | 13 |
| Bell Creek Creek Point Cedar Pt. (per F.E.) | | | | | | | | | | 14 |
| Simpson Creek ✓✓ | | | | | | | | | | 15 |
| Pasture Creek ✓✓ | | | | | | | | | | 16 |
| Florence ✓✓ | | | | | | | | | | 17 |
| Rice Creek ✓✓ | | | | | | | | | | 18 |
| Bell Point ✓✓ | | | | | | | | | | 19 |
| Moore Bay ✓✓ | | | | | | | | | | 20 |
| Moore Creek ✓✓ | | | | | | | | | | 21 |
| Chappel Creek ✓✓ | | | | | | | | | | 22 |
| Powers Point ✓✓ | | | | | | | | | | 23 |
| Flea Point ✓✓ | | | | | | | | | | 24 |
| Mason Bay ✓✓ | | | | | | | | | | 25 |
| Mason Creek ✓✓ | | | | | | | | | | 26 |
| Lewis Creek ✓✓ | | | | | | | | | | 27 |

GEOGRAPHIC NAMES

Survey No.

T-8995

| 2 | Name on Survey | A | B | C | D | E | F | G | H | K | |
|---|----------------------------------|---|---|---|---|---|---|---|---|---|----|
| | <u>Mason Point</u> ✓ | | | | | | | | | | 1 |
| | <u>Swindell Bay</u> ✓ | | | | | | | | | | 2 |
| | <u>Fowler Point</u> ✓ | | | | | | | | | | 3 |
| | <u>Trent Creek</u> ✓ | | | Hitherto charted as Trent River: name changed on recommendation field party pending decision of USECN, in view of much larger Trent River near New Bern | | | | | | | 4 |
| | <u>Alligator Creek</u> ✓ | | | | | | | | | | 5 |
| | <u>Turtle Gut</u> ✓ | | | | | | | | | | 6 |
| | <u>Stonewall</u> ✓ | | | | | | | | | | 7 |
| | <u>Crotch Hole</u> <i>omit</i> | | | | | | | | | | 8 |
| | <u>Armstrong Creek</u> ✓ | | | | | | | | | | 9 |
| | <u>Raccoon Island</u> ✓ | | | | | | | | | | 10 |
| | <u>Raccoon Creek</u> ✓ | | | | | | | | | | 11 |
| | <u>Raccoon Creek Point</u> ✓ | | | | | | | | | | 12 |
| | <u>Hall Point</u> ✓ | | | | | | | | | | 13 |
| | <u>Bee Tree Creek</u> ✓ | | | | | | | | | | 14 |
| | <u>Chapel Creek</u> ✓ | | | | | | | | | | 15 |
| | <u>Whitehurst Creek</u> ✓ | | | | | | | | | | 16 |
| | <u>Maribel</u> ✓ | | | | | | | | | | 17 |
| | <u>Punch Bowl</u> ✓ | | | (cove) | | | | | | | 18 |
| | <u>Chapel Creek Point</u> | | | | | | | | | | 19 |
| | <u>Swan Point</u> ✓ | | | | | | | | | | 20 |
| | <u>Swan Cove</u> ✓ | | | | | | | | | | 21 |
| | <u>The Hammock</u> ✓ | | | | | | | | | | 22 |
| | <u>Harper Creek</u> ✓ | | | | | | | | | | 23 |
| | <u>Lambert Point</u> ✓ | | | | | | | | | | 24 |
| | <u>Tempe Gut</u> ✓ | | | | | | | | | | 25 |
| | <u>Inch Beach</u> ✓ | | | | | | | | | | 26 |
| | <u>Hudnell Creek</u> <i>omit</i> | | | | | | | | | | 27 |

M 234

GEOGRAPHIC NAMES

Survey No.

T-8995

3

Name on Survey

| | A | B | C | D | E | F | G | H | K | |
|--------------------------|-----------------|---------------------------|-----------------------------|---------------------------|---------------|--------------------|--------------------|------------------|---|----|
| | On Chart No. | On previous survey No. | On U. S. quadrangle Maps | From local information | On local Maps | P. O. Guide or Map | Rand McNally Atlas | U. S. Light List | | |
| Harper Point ✓ | | | | | | | | | | 1 |
| Newton Creeks ✓ | | | | | | | | | | 2 |
| Parch Corn Bay | | | | | | | | | | 3 |
| Poorhouse Point | | | | | | | | | | 4 |
| Smith Creek Point | | | | | | | | | | 5 |
| Smith Creek ✓ | | | | | | | | | | 6 |
| Windmill Point | | | | | | | | | | 7 |
| Vandemere ✓ | | | | | | | | | | 8 |
| Cash Corner ✓ | | | | | | | | | | 9 |
| Log Pond Creek ✓ | | | | | | | | | | 10 |
| Cedar Creek ✓ | | | | | | | | | | 11 |
| Cedar Point ✓ | | | | | | | | | | 12 |
| Vandemere Creek ✓ | | | | | | | | | | 13 |
| Alligator Point | | | | | | | | | | 14 |
| Little Vandemere Creek ✓ | | | | | | | | | | 15 |
| Mesia ✓ | | | | | | | | | | 16 |
| Long Creek ✓ | | | | | | | | | | 17 |
| Graveyard Point ✓ | | | | | | | | | | 18 |
| Darby Point ✓ | | | | | | | | | | 19 |
| White Pine Shoal ✓ | | | | | | | | | | 20 |
| Box Point ✓ | | | | | | | | | | 21 |
| Petty Point | | | | | | | | | | 22 |
| Mesia Creek ✓ | | | | | | | | | | 23 |
| Wise Point | | | | | | | | | | 24 |
| Harris Creek ✓ | | | | | | | | | | 25 |
| Bennett Creek ✓ | | | | | | | | | | 26 |
| Bear Creek | | | | | | | | | | 27 |

GEOGRAPHIC NAMES

Survey No.

T-8995

| GEOGRAPHIC NAMES | | | | | | | | | | | |
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| T-8995 | | | | | | | | | | | |
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| 4 | | | | | | | | | | | |
| | <u>Mt. Zion Church</u> ✓ | | | | | | | | | | 1 |
| | <u>Maribel Elem. School</u> ○ | | | | | | | | | | 2 |
| | <u>Antioch Church</u> ✓ | | | | | | | | | | 3 |
| | <u>Stonewall Church</u> ○ St. James Church St. Galilee Church | | | | | | | | | | 4 |
| | <u>Mt. Olive Church</u> ✓ | | | | | | | | | | 5 |
| | <u>St. James Church</u> ✓ B ← uncertain (at Vanduse) | | | | | | | | | | 6 |
| | <u>Concord Church</u> ✓ (near Florence) Names underlined in red are approved. 9-13-49 | | | | | | | | | | 7 |
| | <u>Mt. Sinai Church</u> ✓ (at Stonewall) L. Heck | | | | | | | | | | 8 |
| | <u>St. Galilee Church</u> ✓ (at Maribel) | | | | | | | | | | 9 |
| | <u>Bay Creek Church</u> ✓ (at Mesic) | | | | | | | | | | 10 |
| | <u>Mesic Elem. School</u> ○ | | | | | | | | | | 11 |
| | <u>Little Pasture Cr.</u> ✓ | | | | | | | | | | 12 |
| | <u>St. Peters Ch.</u> ✓ | | | | | | | | | | 13 |
| | <u>Gum Swamp</u> ✓ | | | | | | | | | | 14 |
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M 234

Rechecked after F.T.
and approved
5-28-51
a.g.w.

REVIEW REPORT T-8995

TOPOGRAPHIC MAP MANUSCRIPT

5 June 1951

62. Comparison with Registered Topo Surveys:

This survey supersedes: T-1094 (1869) 1:20,000
T-6417 (1935) 1:10,000; T-5562 (1935) 1:10,000
T-5559 (") 1:10,000; T-5561 (") 1:10,000
for nautical charting purposes.

63. Comparison with maps of other agencies:

None

64. Comparison with contemporary Hydro surveys:

None

65. Comparison with Nautical Charts:

No. 1231 2/20/50 1:80,000

This survey should be applied to the chart when it is reconstructed. Changes and additions made during review are shown in red on the manuscript.

66. Aids and Landmarks:

Aids are listed on Form 567 and filed as Chart Letter Nos. 118 (1950) and 67 (1949). See copy following Field Edit Report.


67. Adequacy of Results:

This map complies with national map accuracy standards.

68. Overlay, etc.:

An overlay has been prepared showing road classifications, control, etc. A list of control names has also been prepared. This map will be edited and published by the U. S. Geological Survey.

Reviewed by:


Jack L. Rihn, Cartographer

Approved:

S. V. Gifford 3/10/53
Chief, Review Section
Div. of Photogrammetry

M. B. Mendenhall
Chief, Nautical Chart Branch
Div. of Charts GFC

O. S. Reading
Chief, Div. Photogrammetry

Earl O. Heaton
Chief, Div. Coastal Surveys
skt

MMJ
Bda

HYDROGRAPHY

T-8995

Hydrography of T-8995 was compiled according to general instructions of May 18, 1949. Origin of soundings and depth curves are from C&GS Hydrographic Surveys:

H-5904 (1935) 1:10,000

H-5903 (1935) 1:10,000

The depths and curves were compared with C&GS Nautical Charts:

538 (1947) 1:40,000

1231 (1950) 1:80,000

The six and twelve foot curves are shown, soundings are in feet; the datum is mean low water. Compiled by J. L. Rihn checked by R. E. Elkins June 11, 1951.