U. S. COAST AND GEODETIC SURVEY
DEPARTMENT OF COMMERCE

DESCRIPTIVE REPORT

Type of Survey: TOPOGRAPHIC
Field No.: Ph-20(47)  Office No.: 7-8971

LOCALITY
State: NORTH CAROLINA
General locality: HYDE COUNTY
Locality: PUNGO RIVER

1945

CHIEF OF PARTY
H. F. Garber, Chief of Party.
A.L. Wardwell, Tampa Photogrammetric Office

LIBRARY & ARCHIVES

DATE: August 4, 1953
DATA RECORD

T-8971

Project No. (II): Ph-20 (47)    Quadrangle Name (IV):

Field Office (II): Manteo, North Carolina    Chief of Party: Harry F. Garber

Photogrammetric Office (III): Tampa, Florida    Officer-in-Charge: Arthur L. Wardwell

Instructions dated (II) (III): 23 July 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): Date reported to Nautical Chart Branch (IV):

Applied to Chart No. Date: Date registered (IV): 7-22-53

Publication Scale (IV): 1:24,000

Geographic Datum (III): N. A. 1927

Vertical Datum (III):
Mean sea level except as follows:
Elevations shown as (25) refer to mean high water
Elevations shown as (6) refer to sounding datum
i.e., mean low water at mean lower low water

Reference Station (III): WILKERSON, 1935

Lat.: 35° 33' 15.813 (487.3m) Long.: 76° 26' 22.732 (572.6m)

Plane Coordinates (IV):

Y =

X =

State: North Carolina    Zone:

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

Richard E. Conway, Jr.,
Cartographic Survey Aid
Matthew A. Stewart
Cartographic Survey Aid

Field Inspection by (II):
Date: 3-23-50 to 5-9-50

Planetable contouring by (II):
M. A. Stewart
R. E. Conway, Jr.
Date: 5-9-50

Completion Surveys by (II):
James E. Hundley
Date: June, 1951

Mean High Water Location (III) (State date and method of location):
Air photo compilation
Date: FEB. 1950

Projection and Grids ruled by (IV):
W. E. W. (W. O.)
Date: 2 June 1948

Projection and Grids checked by (IV):
W. E. W. (W. O.)
Date: 2 June 1948

Control plotted by (III):
R. R. Wagner
Date: 14 Oct. 1948

Control checked by (III):
B. F. Lampton
Date: 26 Oct. 1948

Radial Plot by (II):
M. M. Slavney
Date: 17 August 1950

Stereoscopic Instrument compilation (III):
Planimetry
Inapplicable
Contours
Date: —

Manuscript delineated by (III):
R. A. Reece
Date: 8 Nov. 1950

Photogrammetric Office Review by (III):
J. A. Giles
Date: Dec. 1950

Elevations on Manuscript
checked by (III):
R. A. Reece
Date: 6 Nov. 1950
PHOTOGRAPHS (III)

<table>
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<th>Date</th>
<th>Time</th>
<th>Scale</th>
<th>Stage of Tide</th>
</tr>
</thead>
<tbody>
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<td>22153</td>
<td>29 March 1948</td>
<td>12:59</td>
<td>1:20,000</td>
<td>No periodic tide</td>
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<tr>
<td>22154</td>
<td></td>
<td>13:00</td>
<td></td>
<td></td>
</tr>
<tr>
<td>24112</td>
<td>21 Dec. 1948</td>
<td>12:09</td>
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<td></td>
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<tr>
<td>24113</td>
<td></td>
<td>12:11</td>
<td></td>
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<tr>
<td>24119</td>
<td></td>
<td>12:22</td>
<td></td>
<td></td>
</tr>
<tr>
<td>24120</td>
<td></td>
<td>12:23</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Tide (III)

Reference Station:
Subordinate Station:
Washington Office Review by (IV): K. M. Maki
Final Drafting by (IV):
Drafting verified for reproduction by (IV):
Proof Edit by (IV):

Land Area (Sq. Statute Miles) (III): 55
Shoreline (More than 200 meters to opposite shore) (III): 23 mi.
Shoreline (Less than 200 meters to opposite shore) (III): 10 mi.
Control Leveling - Miles (II): 8.4 Third Order Levels - 6.8 Fiv Levels
Number of Triangulation Stations searched for (II): 28
Number of BMs searched for (II): Recovered: 14
Number of Recoverable Photo Stations established (III): 2
Number of Temporary Photo Hydro Stations established (III): None

Remarks: 15 Third Order Bench Marks established by party
Summary to Accompany T-8971

Topographic map T-8971 is one of a series of 32 maps in Project Ph-20 (47). The field operations included complete field inspection and planetable contouring on 1:20,000 scale nine-lens photos. The manuscript was graphically 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 7½ minute quadrangle. The registered copies under T-8971 to be filed in the Bureau Archives 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-8971
Project Ph-20 (47)

Harry F. Garber, Chief of Party

The field work for this quadrangle was done in accordance with Instructions, dated 23 July 1948 (Ph-20). Field work in addition to those phases listed on Pages 2 and 3 was done by the following personnel:

<table>
<thead>
<tr>
<th>Name and Title</th>
<th>Phase</th>
<th>Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Matthew A. Stewart</td>
<td>Third Order Levels</td>
<td>October, 1948</td>
</tr>
<tr>
<td>Cartographic Survey Aid</td>
<td></td>
<td>April, 1949</td>
</tr>
<tr>
<td>Herschel G. Murphy</td>
<td>Shoreline Inspection</td>
<td>February 1949</td>
</tr>
<tr>
<td>Cartographic Survey Aid</td>
<td>Horizontal &amp; Vertical Control</td>
<td>April 1949</td>
</tr>
<tr>
<td></td>
<td>Recovery and Identification</td>
<td></td>
</tr>
</tbody>
</table>

This report is written in accordance with Paragraph 724 of the Preliminary Edition of the Topographic Manual dated June 1949.

2. AREAL FIELD INSPECTION

The area is chiefly burnt over wasteland and timberland, some water and marshland in the southern section with a very small percentage of cultivated land.

Logging is the chief industry, while farming is very minor and confined to small patches along U. S. Highway No. 264.

One hard surfaced highway, U. S. Highway No. 264, serves the quadrangle running north from Scranton Creek to the Intracoastal Waterway, thence in a westerly direction to Leechville. Several secondary roads adequately serve the inhabited areas.

The Intracoastal Waterway Canal enters the quadrangle in the northeastern corner and extends to the Pungo River through Wilkerson Creek, the junction being near the center of the quadrangle. The Old State Canal runs from New Lake, just northeast of the quadrangle and empties into Mill Creek near the center of the quadrangle. In the northeast section are a system of canals and ditches originally dug to drain the area for farming and grazing land. This idea, originated by the owners (The Koper Lumber Company of Norfolk, Virginia) was never carried out as the land was much too pitted with burned out holes typical of the entire northern part of the quadrangle. None of the canals are navigable, except the Intracoastal Waterway.
Several creeks which are tributaries of the Pungo River run northerly into the Quadrangle and are navigable to small fishing craft only as far as U. S. Highway No. 264, except, of course, Wilkerson Creek which is part of the Intracoastal Waterway.

Ponzer, the only community in the area, is located in the west central section.

No difficulty was encountered in the interpretation of the photographs.

The field inspection is believed to be complete.

3. HORIZONTAL CONTROL

All known horizontal control stations within the Quadrangle were searched for. A sufficient number were identified to control the photogrammetric plot.

(c) Stations not established by the Coast & Geodetic Survey are:

<table>
<thead>
<tr>
<th>Station</th>
<th>Agency</th>
<th>Order</th>
<th>Datum</th>
</tr>
</thead>
<tbody>
<tr>
<td>269</td>
<td>NCGS</td>
<td>Third</td>
<td>NA 1927</td>
</tr>
<tr>
<td>270</td>
<td>NCGS</td>
<td>Third</td>
<td>NA 1927</td>
</tr>
<tr>
<td>273</td>
<td>NCGS</td>
<td>Third</td>
<td>NA 1927</td>
</tr>
</tbody>
</table>

(e) Station reported as "Lost" on Form 526:

Beacon 20A
Bight
Head
Island
Large Brown House Chimney
Mex
Name
Point
Queen
Rut
Smith
Swamp
Tarkling
Tunn

4. VERTICAL CONTROL

(a) Bench Marks

All Bench Marks in this Quadrangle are Third Order Bench Marks established by this party:
(b) 6.8 miles of fly levels were run to control the contours. The greatest error in closure was 0.16 feet unadjusted.

(c) The first and last points are 71-1 to 71-10.

5. CONTOUR AND DRAINAGE

All contouring was done by planetable directly on nine-lens photographs. The interval was five feet. Elevations ranged from one to sixteen feet. Although elevations on spoil banks ran up to twelve and fifteen feet, no contours were shown as the banks were too narrow. Along the Intracoastal Waterway and on the creeks from the Pungo River elevations were taken from the water surface which was carefully checked from a B. M. on fly level point before and after work.

Canals and ditches artificially drain a good part of the northern areas with several creeks and their tributaries taking care of most of the southeastern and south central sections. These all empty into the Pungo River which enters the quadrangle in the southwestern corner with headwater's just outside of the central western side. All the drainage is south toward the Pungo River, except in the northeastern section. This area drains north into New Lake and thence into the Alligator River.

6. WOODLAND COVER

The cover was classified in accordance with Paragraph 5433 of the Preliminary Edition of the Topographic Manual dated June 1949, in accordance with published edition.

7. SHORELINE AND ALONGSHORE FEATURES

(a) There is no perceptive periodic tidal change in this area, therefore, the fluctuation of the water level is due to winds. The mean-high-water-line and the low-water-line are synonymous.

The shoreline is generally apparent. However, changes to fast land have been duly indicated on the photographs.

8. OFFSHORE FEATURES

There are no offshore features within the limits of this quadrangle.
9. LANDMARKS AND AIDS
   (a,b,c) There are no landmarks or aeronautical aids within this quadrangle. *(see item #58)*
   (d) Four fixed aids to navigation were identified on the photographs and/or located by theodolite cuts and reported on Form 567. Form 567 attached.

10. BOUNDARY MONUMENT AND LINES

    This is covered in a "Special Boundary Report" which was submitted by Wilbur A. Nelson on 14 February 1949 and a Supplemental Report submitted 8 November 1949 by A. J. Wraith. Filed in the Div. of Photogrammetry general files.

11. OTHER CONTROLS

    Recoverable Topographic Stations established are:

    Anne, 1949
    Dust, 1949
    Fire Tower, 1950—Form 524 submitted by Field Ed. (see item #58)

12. OTHER INTERIOR FEATURES

    Wilkerson Creek Bridge over the Intracoastal Waterway is the only bridge over navigable water in the quadrangle. The vertical clearances of this bridge and the power line just east of it were determined and noted on the photographs. About 1600.0 feet south of this bridge and about 50.0 feet west of U. S. Highway No. 264 is a skeleton steel fire tower. This fire tower is 130.0 feet high and in fairly dense woods and is not visible from any great distance.

    All woods and buildings were classified in accordance with Paragraph 544 of the Preliminary Edition of the Topographic Manual dated June 1949. In accordance with published edition.

13. GEOGRAPHIC NAMES

    This is the subject of a report submitted 15 January 1950 by A. J. Wraith. *(see item #58)* Filed in Geographic Names Section, Div. of Charts.

14. SPECIAL REPORTS AND SUPPLEMENTAL DATA

    Except as noted in items 10 and 13, there are no special data for this sheet.
15. SWAMP

True Swamp has been classified with the "Sw" symbol, and intermittent swamp as "Elw".

15 May 1950
Submitted by:
Richard E. Conway, Jr.
Cartographic Survey Aid

Approved:

Harry F. Gardner
Harry F. Gardner
Chief of Party
Photogrammetric Plot Report No. 5

This report covers the radial plot for maps T-3969 to T-3972 inclusive, T-3980 to T-3983 inclusive, and T-3992 and is filed as part of the descriptive report for T-3992.
<table>
<thead>
<tr>
<th>STATION</th>
<th>SOURCE OF INFORMATION (INDEX)</th>
<th>DATUM</th>
<th>LATITUDE OR Y-COORDINATE</th>
<th>LONGITUDE OR X-COORDINATE</th>
<th>DISTANCE FROM GRID IN FEET OR PROJECTION LINE IN METERS</th>
<th>DATUM CORRECTION</th>
<th>N.A. 1927 - DATUM DISTANCE FROM GRID OR PROJECTION LINE IN METERS</th>
<th>FACTOR DISTANCE FROM GRID OR PROJECTION LINE IN METERS</th>
</tr>
</thead>
<tbody>
<tr>
<td>1/273 (N.C.G.S.)</td>
<td>N.C.G.S.</td>
<td>N.A. 1927</td>
<td>679.260.40</td>
<td>2,766.843.42</td>
<td>9,260.40(739.60)</td>
<td>2,822.6(225.4)</td>
<td>2,083.1(964.9)</td>
<td>Not shown: 1930 recovery describes site as 'learned' position, not in original position.</td>
</tr>
<tr>
<td>1/269 (N.C.G.S.)</td>
<td>N.C.G.S.</td>
<td></td>
<td>675.855.86</td>
<td>2,749.195.16</td>
<td>9,195.16(804.84)</td>
<td>1,784.9(1,263.1)</td>
<td>2,802.7(245.3)</td>
<td></td>
</tr>
<tr>
<td>1/274 (N.C.G.S.)</td>
<td>N.C.G.S.</td>
<td></td>
<td>675.855.86</td>
<td>2,749.195.16</td>
<td>9,195.16(804.84)</td>
<td>1,784.9(1,263.1)</td>
<td>2,802.7(245.3)</td>
<td></td>
</tr>
<tr>
<td>1/275 (G.P. 346)</td>
<td>G.P. 346</td>
<td></td>
<td>35 34 45.193</td>
<td>76 29 21.733</td>
<td>1,392.7(1,564.4)</td>
<td>547.2(963.5)</td>
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</tr>
<tr>
<td>1/276 (G.P. 346)</td>
<td>G.P. 346</td>
<td></td>
<td>35 33 56.672</td>
<td>76 29 30.806</td>
<td>1,746.6(102.6)</td>
<td>775.8(735.2)</td>
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<td></td>
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<tr>
<td>1/277 (G.P. 346)</td>
<td>G.P. 346</td>
<td></td>
<td>35 33 16.290</td>
<td>76 27 30.806</td>
<td>502.0(1,347.1)</td>
<td>917.9(593.3)</td>
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<td></td>
</tr>
<tr>
<td>1/278 (G.P. 346)</td>
<td>G.P. 346</td>
<td></td>
<td>35 33 12.411</td>
<td>76 28 14.501</td>
<td>382.1(1,466.6)</td>
<td>1,221.6(289.6)</td>
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<td></td>
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<tr>
<td>1/279 (G.P. 297)</td>
<td>G.P. 297</td>
<td></td>
<td>35 32 59.010</td>
<td>76 29 38.832</td>
<td>1,818.6(30.5)</td>
<td>978.1(533.2)</td>
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<td></td>
</tr>
<tr>
<td>1/280 (G.P. 297)</td>
<td>G.P. 297</td>
<td></td>
<td>35 33 15.813</td>
<td>76 30 22.732</td>
<td>487.3(1,361.8)</td>
<td>572.6(938.7)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>1/281 (G.P. 348)</td>
<td>G.P. 348</td>
<td></td>
<td>35 33 01.612</td>
<td>76 28 06.154</td>
<td>49.7(1,799.5)</td>
<td>155.0(1,356.3)</td>
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<tr>
<td>1/282 (N.C.G.S.)</td>
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<td>665.167.62</td>
<td>2,761.336.07</td>
<td>5,167.62(4,832.38)</td>
<td>1,575.1(1,472.9)</td>
<td>407.2(2,640.8)</td>
<td></td>
</tr>
<tr>
<td>1/283 (G.P. 345)</td>
<td>G.P. 345</td>
<td></td>
<td>35 32 12.522</td>
<td>76 28 03.981</td>
<td>385.9(1,463.2)</td>
<td>100.3(1,411.2)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>1/284 (G.P. 345)</td>
<td>G.P. 345</td>
<td></td>
<td>35 31 00.525</td>
<td>76 28 13.852</td>
<td>16.2(1,833.0)</td>
<td>349.0(1,162.8)</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

J FT.- 3048006 METER

COMPUTED BY: S. F. Lampton  
DATE: 22 September 1948  
CHECKED BY: R. R. Wagner  
DATE: 23 September 1948
<table>
<thead>
<tr>
<th>STATION</th>
<th>SOURCE OF INFORMATION (INDEX)</th>
<th>DATUM</th>
<th>LATITUDE OR ( \phi )-COORDINATE</th>
<th>LONGITUDE OR ( \lambda )-COORDINATE</th>
<th>DISTANCE FROM GRID IN FEET. OR PROJECTION LINE IN METERS</th>
<th>N.A. 1927 - DATUM DISTANCE FROM GRID OR PROJECTION LINE IN METERS</th>
</tr>
</thead>
<tbody>
<tr>
<td>M-2046 (H.O.S.), 1934</td>
<td>N.C.G.S.</td>
<td>1927</td>
<td>35 30</td>
<td>21 786</td>
<td>672.4(1,177.7)</td>
<td>754.8(1,257.3)</td>
</tr>
<tr>
<td>M-269 (H.O.S.), 1934</td>
<td>N.C.G.S.</td>
<td>1927</td>
<td>2,767,390.92</td>
<td>7390.92(2,609.08)</td>
<td>2,985.0(63.0)</td>
<td>2,252.8(795.2)</td>
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<tr>
<td>M-269 (H.O.S.), 1934</td>
<td>N.C.G.S.</td>
<td>1927</td>
<td>675,885.92</td>
<td>5,850.92(4,149.08)</td>
<td>1,783.4(1264.6)</td>
<td>Not plotted</td>
</tr>
<tr>
<td>M-270 (H.O.S.), 1934</td>
<td>N.C.G.S.</td>
<td>1927</td>
<td>2,761,420.28</td>
<td>4,042.28(8,579.72)</td>
<td>1,171.1(1,877.0)</td>
<td>Not plotted</td>
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<tr>
<td>M-270 (H.O.S.), 1934</td>
<td>N.C.G.S.</td>
<td>1927</td>
<td>2,761,420.28</td>
<td>1,420.28(8,579.72)</td>
<td>432.9(2,615.1)</td>
<td></td>
</tr>
</tbody>
</table>

1 FT. = 0.3048006 METER

COMPUTED BY: B. F. Lampton
DATE: 22 September 1948
CHECKED BY: R. R. Wagner
DATE: 23 September 1948
COMPILATION REPORT T-8971

PHOTOGRAMMETRIC PLOT REPORT.

Submitted with Descriptive Report for T-8992.

31. Delineation.

The graphic method was used.

The field inspection was adequate except for several items noted on the discrepancy overlay.

32. Control.

There was a sufficient number of well placed primary and secondary control points identified to insure accurate establishment of detail points.

33. Supplemental Data.

None used.

34. Contours and Drainage.

Contours have been shown as indicated on the field inspection photographs. Due to the poor scale of these photographs it was necessary, in most instances, to transfer the contours by using the projector.

All drainage has been shown as indicated on the field photographs or as interpreted by the compiler. Most of the drainage ditches have been shown as intermittent pending verification by the field editor. Section 56.

35. Shoreline and Alongshore Details.

Shoreline inspection was adequate for the delineation of all shoreline and alongshore features.

36. Offshore Details.

There were no offshore features noted by the field inspector. The field editor is requested to investigate piling shown on nautical charts and planimetric map No. T-5550. Section 57.
37. **LANDMARKS AND AIDS.**

There are no landmarks. *See Item 58.*

Four (4) fixed aids to navigation are listed on Form 567. No unusual methods were used in locating these aids.

Attached to this report.

38. **CONTROL FOR FUTURE SURVEYS.**

Two (2) Forms 524 are being submitted with this report.

A list of the recoverable topographic stations have been listed in Item 11, p. 10.

FIRE TOWER, 1950, listed under Item Eleven (11) had no Form 524 submitted with it, and is not listed under Item 49. It is near N. C. G. S. Triangulation Station 270, 1934, so is not essential to the hydrographer except in facilitating recovery of the triangulation station. *See Item 58* Field Ed. Report

39. **JUNCTIONS.**

Junction was made with T-8970 on the west, T-8972 on the east and T-8982 on the south. Except for minor discrepancies noted on the overlay, all were in good agreement.

40. **HORIZONTAL AND VERTICAL ACCURACY.**

No statement.

46. **COMPARISON WITH EXISTING MAPS.**

Comparison was made with C of E Quadrangle, COLUMBIA, N. C., scale 1:125,000, 1942. Shallop Creek is shown in the northwest corner of the C of E Quadrangle and is noted on the discrepancy overlay. Otherwise the two are in good agreement.

Comparison was also made with Planimetric Maps T-5550, scale 1:10,000, and T-5567, scale 1:20,000, compiled from photographs taken in 1934. They were in general agreement; minor discrepancies have been noted on the overlay.
47. **COMPARISON WITH NAUTICAL CHARTS.**

Comparison was made with the following Nautical Charts:


Chart 832, scale 1:40,000, published January 1938, print date 31 October 1949.

The overhead clearance of the cable at Wilkerson Cr. Bridge is given as 102 feet on Chart 832. The map manuscript shows 104 feet, this latter being in agreement with Chart 1231 and the field inspection notes.

The planimetric maps listed under item 46 were the source of the planimetry on the nautical charts and the same statements under that item apply to the charts.

**ITEMS TO BE APPLIED TO NAUTICAL CHARTS IMMEDIATELY.**

None.

**ITEMS TO BE CARRIED FORWARD.**

None.

---

*Richard A. Reese,*
Cartographic Survey Aid

Approved and Forwarded:

*Arthur L. Wardwell,*
Chief of Party
PHOTOGRAMMETRIC OFFICE REVIEW

T-8971


CONTROL STATIONS


ALONGSHORE AREAS

(Nautical Chart Data)


PHYSICAL FEATURES


CULTURAL FEATURES


BOUNDARIES

31. Boundary lines JG

MISCELLANEOUS


40. William A. Rasure William A. Rasure

Supervisor, Review Section or Unit

FIELD COMPLETION ADDITIONS AND CORRECTIONS TO THE MANUSCRIPT

42. Additions and corrections furnished by the field completion survey have been applied to the manuscript. The manuscript is now complete except as noted under item 43.

43. Remarks: [Signature]

Compiler

Supervisor
FIELD EDIT REPORT
Project Ph-20(47)
Quadrangle T-3971

Harry F. Garber, Chief of Party

51. METHODS

The field edit of this area was accomplished by traversing, via truck, all roads and walking to other areas for a general check on the adequacy of the map compilation. The shoreline was inspected from a skiff.

Corrections and additions were made by standard surveying methods in conjunction with visual inspection.

All corrections, additions and deletions are shown on the field edit sheet.

The reviewer's questions are answered on the discrepancy print, field edit sheet and this report.

A legend appears on the field edit sheet which is self-explanatory.

The actual field work was accomplished in two days in June, 1951.

52. ADEQUACY OF COMPILATION

The map compilation is adequate and will be complete after field edit data has been applied.

53. MAP ACCURACY

The horizontal accuracy of the map detail is relatively good.

A part of one contour was corrected to include a small area of swampland near Lat. 35°-34', Long. 76°-25'.

54. RECOMMENDATIONS

None.

55. EXAMINATION OF PROOF COPY

It is believed that Mr. Bennie Harris, of Leechville, N. C. is best-qualified to examine a proof copy of this work.

Ref. to item 43 - Compilation Report.
All names requiring investigation have been verified as to name, present usage and position, and clarified either in item 48 - Compilation Report, discrepancy print or field edit sheet. Authority for these names are: Mr. Lillard Harris, Mr. H. A. Toland, and Mr. Bennie Harris, all residents of Leechville, N. C. for the past 40 years.

56. CONTOURS AND DRAINAGE

Ref. to item 34 - Compilation Report.

All contour corrections are shown on the field edit sheet.

All drainage ditches in this area should be charted as perennial drainage.

57. SHORELINE AND ALONGSHORE DETAILS

Ref. to item 35 - Compilation Report.

Piling has been shown on the field edit sheet in five separate areas in Scranton Creek.

58. LANDMARKS AND AIDS TO NAVIGATION

Ref. to item 37 - Compilation Report.

The fire tower located at Lat. 35°-33' Long. 76°-26' is recommended as a landmark. Contrary to previous reports, this object is very prominent for a good distance down Pungo River. Forms 524 and 567 are submitted.

59. OTHER INTERIOR FEATURES

Ref. to item 12 - Field Inspection Report.

Minor changes in vegetation classification have been shown on the field edit sheet.

60. JUNCTIONS

Satisfactory junctions have been made with T-8972 to the east, T-8982 to the south, and T-8970 to the west.

29 June 1951
Submitted by:

James E. Hundley
Cartographer

17 July 1951
Approved by:

Harry F. Garber
Commander, USC&GS
Chief of Party
I recommend that the following objects which have (have not) been inspected from seaward to determine their value as landmarks be charted on (deleted from) the charts indicated.

The positions given have been checked after listing by

<table>
<thead>
<tr>
<th>CHARTING NAME</th>
<th>DESCRIPTION</th>
<th>SIGNAL NAME</th>
<th>LATITUDE (D.METERS)</th>
<th>LONGITUDE (D.P.METERS)</th>
<th>DATUM</th>
<th>METHOD OF LOCATION AND SURVEY NO.</th>
<th>DATE OF LOCATION</th>
<th>CHARTS AFFECTED</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lookout</td>
<td>1st, Fourth, 330 ft. high</td>
<td></td>
<td>35 31 36</td>
<td>76 16 03</td>
<td>19-7 1st</td>
<td>1050 x</td>
<td>832</td>
<td></td>
</tr>
</tbody>
</table>

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 the charts of the area and not by individual chart under each column heading should be given.
I recommend that the following objects which have been inspected from seaward to determine their value as landmarks be charted on the charts indicated.

The positions given have been checked after listing by Richard A. Reese

Tampa Photogrammetric Office

E. R. Mc Carthy
Chief of Party.

<table>
<thead>
<tr>
<th>State</th>
<th>North Carolina</th>
</tr>
</thead>
<tbody>
<tr>
<td>Charting Name</td>
<td></td>
</tr>
<tr>
<td>Description</td>
<td></td>
</tr>
<tr>
<td>Signal Name</td>
<td></td>
</tr>
<tr>
<td>Latitude</td>
<td>Longitude</td>
</tr>
<tr>
<td>Lt 25</td>
<td>Punco River (Black square Daymark with yellow triangle on white struc.)</td>
</tr>
<tr>
<td>Lt 23</td>
<td>Punco River (White pile struc. black tank house with yellow triangle)</td>
</tr>
<tr>
<td>Lt 21</td>
<td>Punco River (White pile struc. black tankhouse with yellow triangle)</td>
</tr>
<tr>
<td>Lt 18</td>
<td>Punco River (White pile struc. red tank house with yellow square)</td>
</tr>
</tbody>
</table>

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 the charts of the area and not by
48. **GEOGRAPHIC NAME LIST.**

**ALLIGATOR RIVER - PUNGO RIVER CANAL**

BACK LANDING BAY  
*BATEMAN CREEK  
BEAUFORT COUNTY

CLARKE MILL CREEK  
COHENSON CREEK  
CRABTREE BAY  
**CRABTREE CHURCH — ?—**  
CURRITUCK TOWNSHIP

DIP CREEK  
DRUM POINT

**EBORN POINT**  
GALLOWAY CREEK

HORSE ISLAND CREEK  
HYDE COUNTY

**INTRACOASTAL WATERWAY**

***MILL CREEK (this is apparently a conflicting name for Clarke Mill Creek, per Names Report)**

MT OLIVE  
MT OLIVE CEMETERY  
MT OLIVE CHURCH  
MT OLIVE CREEK

NEW LAKE ROAD  
NORTH CAROLINA

OLD STATE CANAL

PANTESCO TOWNSHIP  
PONZER  
PONZER ROAD  
POSTER CREEK  
PUNGO RIVER

QUEEN CREEK

RUSSELL CREEK

***RUTMAN CREEK (in conflict with Burgess Mill Cr - use old name pending)**

Broad creek Point (use old name for point on South bank Pungo R. pending BN decision re abandonment)
48. **GEOGRAPHIC NAME LIST (CONTINUED)**

SATERTHWAITE POINT (North Bank Pungo R.)
SCRANTON CREEK (B&N decision 1952)
SIGNAL POINT
SMITH CREEK
SMITH CREEK POINT
*SOPHIE ISLAND CREEK
ST JOHN'S CHURCH
*STYRON CREEK

TARKLIN CREEK
*THE ISLANDS

U. S. 264

WILKERSON CREEK (B&N decision 1952)
WILKERSON CREEK BRIDGE (or Wilkerson Bridge?)

*Name shown in pencil on Map Manuscript and was taken from Planimetric Map No. T-5550. Field Editor is requested to check.

**Name in pencil on Map Manuscript, to be checked by the Field Editor.

***Name taken from field print 22153, to be checked by the Field Editor.

Names underlined in red are approved, subject to Field Edt.

3-24-51
W. Heck

O.K., 4-25-52, A.Y.W.
A VIEWS REPORT T-5971
Topographic Map
29 April 1952

62. Comparison with Registered Topographic Surveys:

<table>
<thead>
<tr>
<th>Survey</th>
<th>Scale</th>
<th>Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>T-1210</td>
<td>1:20,000</td>
<td>1873</td>
</tr>
<tr>
<td>T-5550</td>
<td>1:10,000</td>
<td>1924</td>
</tr>
<tr>
<td>T-5567</td>
<td>1:20,000</td>
<td>1931</td>
</tr>
<tr>
<td>T-6237</td>
<td>1:10,000</td>
<td>1935 (graphic control)</td>
</tr>
<tr>
<td>T-6338</td>
<td>1:10,000</td>
<td>1935</td>
</tr>
</tbody>
</table>

T-8971 supersedes the above surveys for nautical chart purposes. However, it should be noted that the planimetric survey T-5550 and the graphic control surveys T-6237 and T-6338 are at a scale of 1:10,000.

A small islet on T-5550 shown at latitude 35° 33.1' and longitude 76° 20.4' is not shown on T-8971.

63. Comparison with Maps of Other Agencies:

Columbia, N. C., U.S.E. quadrangle, 1:125,000, 1942.

64. Comparison with Contemporary Hydrographic Surveys:

None.

65. Comparison with Nautical Charts:

- 831 (Intracoastal Waterway) 1:40,000, 1st ed 1952.
- 832 " " " " " " " " " " " 1231, 1:80,000, ed 1938, corr. 11/12/51

The small islet referred to in item 62 above has been carried forward to the charts. There is no evidence of this islet on the photographs and field inspection does not refer to it.

The piling shown northeast of Pungo River Light 23 or immediately west of Pungo River Light 25 on the charts is not shown on T-8971.

There are no other significant differences between the charts and T-8971.

66. Adequacy of Results and Future Surveys:

This map complies with national map accuracy standards. It is adequate as a base for construction of nautical charts.

Reviewed by:

K. N. Paki
History of Hydrographic Information
Quadrangle T-3971
Pamlico Sound
Pungo River, North Carolina

Hydrography was applied to the manuscript of this quadrangle in accordance with Division of Photogrammetry general specifications dated 18 May, 1949.

Soundings and 6 and 12 foot depth curves at mean low water datum, originate with the following:

U.S.G.&G.S. Hydrographic Survey:
H-5847 (1935) 1:10,000

Hydrography was compiled by K. N. Maki and verified by C. B. Samuel 5-26-52.

[Signature]
K. N. Maki
Div. of Photogrammetry
20 May 1952