# DESCRIPTIVE REPORT

**Type of Survey**  
TOPOGRAPHIC

**Field No.**  
Ph-20(47)  
**Office No.**  
T-8977

## LOCALITY

**State**  
NORTH CAROLINA

**General locality**  
PAMLICO RIVER

**Locality**  
SOUTH OF CHOCTOINITY

---

**19451**

**CHIEF OF PARTY**  
E.R. McCarthy, Chief of Field Party.  
A.L. Wardwell, Tampa Photogrammetric Office.

## LIBRARY & ARCHIVES

**DATE**  
August 14, 1953
DATA RECORD

T-8977

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


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): Inapplicable

Scale Factor (III): None

Date received in Washington Office (IV): 2-2-51 Date reported to Nautical Chart Branch (IV): 9 Feb 1951

Applied to Chart No. Date: Date registered (IV): 7-24-53

Publication Scale (IV): 1:24,000 Publication date (IV):

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 (9) refer to sounding datum
i.e., mean low water or mean lower low-water

Reference Station (III): RICE - 1935

Lat.: 35° 29' 46.118 (1421.3 m) Long.: 77° 02' 13.983 (352.4 m)

Adjusted

Plane Coordinates (IV): State: Zone:

Y= X=

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.

Form T- Page 1
All Contouring done by:

W. F. Massie
Cartographic Survey Aide

Areas contoured by various personnel
(Show name within area)
(II) (III)
DATA RECORD

Field Inspection by (II): Walter P. Massie
Cartographic Survey Aid
Date: 3-29-49-
9-21-49

Planetary contouring by (II): Walter P. Massie
Cartographic Survey Aid
Date: 3-29-49-
9-21-49

Completion Surveys by (II): James E. Hundley
Date: 13 April 1951
through May 1951

Mean High Water Location (III) (State date and method of location):
29 March 1948 Air Photographic compilation

Projection and Grids ruled by (IV): W.E.W. (W.O.)
Date: 30 June 1948

Projection and Grids checked by (IV): W.E.W. (W.O.)
Date: 30 June 1948

Control plotted by (III): B. F. Lampton
Date: 22 September 1948

Control checked by (III): R. R. Wagner
Date: 24 September 1948

Radial Plot compiled
by (III): M. M. Slavney
Date: 16 December 1949.

Stereoscopic Instrument compilation (III):
- Planimetry: Inapplicable
- Contours: Inapplicable

Manuscript delineated by (III): C. J. Downing
Date: November 1950

Date: November 1950

J. A. Giles

Elevations on Manuscript
checked by (III): C. J. Downing
Date: 20 September 1950
<table>
<thead>
<tr>
<th>Number</th>
<th>Date</th>
<th>Time</th>
<th>Scale</th>
<th>Stage of Tide</th>
</tr>
</thead>
<tbody>
<tr>
<td>22182</td>
<td>3-29-48</td>
<td>13.38</td>
<td>1:20,000</td>
<td>No periodic tide</td>
</tr>
<tr>
<td>22227</td>
<td>3-29-48</td>
<td>15.20</td>
<td></td>
<td></td>
</tr>
<tr>
<td>22228</td>
<td>3-29-48</td>
<td>15.21</td>
<td></td>
<td></td>
</tr>
<tr>
<td>22340</td>
<td>3-30-48</td>
<td></td>
<td></td>
<td>clock stopped</td>
</tr>
</tbody>
</table>

**Tide (III)**

Reference Station: No periodic tide

<table>
<thead>
<tr>
<th>Ratio of</th>
<th>Mean Range</th>
<th>Spring Range</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Washington Office Review by (IV): K. N. Nakai. Date: 11 April 1952

Final Drafting by (IV): Drafting verified for reproduction by (IV):

Proof Edit by (IV):

Land Area (Sq. Statute Miles) (III): 58
Shoreline (More than 200 meters to opposite shore) (III): 3 miles
Shoreline (Less than 200 meters to opposite shore) (III): 1 mile
Control Leveling: Miles (II): 52.7
Number of Triangulation Stations searched for (II): 13
Number of BMs searched for (II): 15
Number of Recoverable Photo Stations established (III): None
Number of Temporary Photo Hydro Stations established (III): None

Remarks:
SUMMARY TO ACCOMPANY T-8977

Topographic map T-8977 is one of a series of 32 maps in project Ph-20(47). The field operations included complete field inspection and planetable contouring on 1:20000 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-8977 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-8977
35-22.5/77-00/7.5
Project Ph-20(47)

E. R. McCarthy, 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:

<table>
<thead>
<tr>
<th>Name and Title</th>
<th>Phase</th>
<th>Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>M. A. Stewart</td>
<td>Third Order Levels</td>
<td>Sept. 9, 1947 - Oct. 30, 1947</td>
</tr>
<tr>
<td>Cart. Sur. Aid</td>
<td></td>
<td></td>
</tr>
<tr>
<td>E. T. Ogilby</td>
<td>Horizontal Control</td>
<td>April, 1949 - May, 1949</td>
</tr>
<tr>
<td>Cart. Sur. Aid</td>
<td>Recovery</td>
<td></td>
</tr>
<tr>
<td>W. P. Massie</td>
<td>Field Inspection</td>
<td>March 28, 1949</td>
</tr>
<tr>
<td>Cart. Sur. Aid</td>
<td>Fly levels</td>
<td>to Contours</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Sept. 21, 1949</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

One third of the area is under cultivation, one third pocosin or highland swamp, and one third heavily wooded. Farming is the chief occupation.

The area is relatively high land intersected by numerous steep sided streams or creeks which flow toward Chocowinity Bay and the Pamlico River, which cut the Northeast corner of the quad.

The north boundary of the quad is about one and one-half (1.5) miles south of the village of Chocowinity.

There are no towns or villages within the quad limits. U.S. Highway #17 runs close by and parallel to the west boundary, and N.C. Highway #33 runs NW-SE through the eastern half. The Norfolk Southern Railroad runs parallel to and west of
Highway 17. The Washington-Vandemere Branch of the Atlantic Coast Line runs parallel and north of N. C. Highway #33, crossing it about one mile west of the east boundary.

The photographs were clear. No difficulty was encountered in interpretation.

The field inspection is believed to be complete.

3. HORIZONTAL CONTROL

There was very little control within the limits of the quad, which could be used to advantage on the radial plot. Stations C of E Mon 34, 1942 and C of E Mon 35, 1942, which were west of the project limits; C of E Mon 38, 1942 and C of E Mon 39, 1942, which were southwest; Vance, 1931, which was south and Chocowinity, 1931, which was about on the west limit were identified on the photographs in order to provide adequate control. The pricking cards for these stations were forwarded to the Tampa office on 12 May, 1943.

(a) Control by other Agencies.

C of E Mon 34, 1942 Third order
C of E Mon 35, 1942 "
C of E Mon 38, 1942 "
C of E Mon 39, 1942 "
CREEK (USE), 1914 "
FORK (USE), 1914 "

(b) Stations Lost.

FORK POINT LIGHT, 1935

Stations Not Identified.

RICE, 1935 CHALK, 1933
FORK (USE), 1914 CREEK (USE), 1914
CALF, 1935

None of the above stations were needed for the radial plot. All were difficult and some impractical to identify.

4. VERTICAL CONTROL

(a) Bench marks third order and above.

First order bench marks USC&GS

D-26, 1932 F-26, 1932
E-25, 1932
Third order bench marks USC&GS

L-242, 1947  R-242, 1947
M-242, 1947  S-242, 1947
N-242, 1947  T-242, 1947
P-242, 1947  U-242, 1947
Q-242, 1947

(b) Fly levels using a wye level and Philadelphia rod were used to control the contours. Fifty two and seven tenths (52.7) miles of levels were run with no closures sufficiently large to require an adjustment.

(c) First level point 77-1. Last level point 77-113.

5. CONTOURS AND DRAINAGE

All contouring was done by planitable methods directly on the nine-lens photos using photo detail for horizontal control. The contour interval was five (5) feet. In wooded areas, the planitable was supplemented by use of the hand level for short distances or in locations where vertical control existed on either side of an area. \( \delta \leq \pm 0.005 \) in. In places where it was impossible to show all contours, notes were made on the photograph to aid the compiler.

6. WOODLAND COVER

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

7. SHORELINE AND ALONGSHORE FEATURES

(a) All shoreline is apparent except where sand has built up in small protected bights as a beach. At these points MHWL has been definitely defined where the length of the beach exceeds thirty meters or more.

(b) Pamlico River has no periodic tide, consequently MLWL is the same as MHWL.

(e) There are two piers along the Pamlico River which are now in ruins. They were clarified on the photos.
8. OFFSHORE FEATURES

Inapplicable.

9. LANDMARKS AND AIDS

(a) There are no landmarks in this quadrangle.

(d) One fixed aid (FORK POINT LIGHT) is submitted on Form 567. It was located by theodolite cuts, which will be submitted with T-8966. Copy of Form 567 attached.

10. BOUNDARIES, MONUMENTS 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, which will be submitted at a later date by A. J. Waight. Filed in Div. of Photogrammetry general files.

One pricking card is submitted for a point on the Beaufort-Beaver County line.

11. OTHER CONTROL

Not applicable.

12. OTHER INTERIOR FEATURES.

A prominent natural feature in this quadrangle is the relatively high swamp which is located in the southern portion of this quad. It is called pocosin, which is the Indian word for highland swamp.

13. GEOGRAPHIC NAMES

This is covered in a special report which was submitted by Wilbur A. Nelson, 14th February, 1949. Filed in Geographic Names Section, Div. Charts.

14. SPECIAL REPORTS AND SUPPLEMENTAL DATA

Except as noted in Paragraph 10 and 13, there are no special reports for this quadrangle.

15. SWAMP

There are two types of swampland within the quad. In the southern section it is known as 'Pocosin' or highland swamp and is characterized by a dense growth of reeds with
occasional small gums, a large number of dead trees, but no large live trees. These 'pocosin' areas have been outlined with violet ink. In the areas adjacent to the Pamlico River, there are several gum and cypress swamps which support a heavy growth of trees.

Submitted:
23 September 1949

Walter P. Massie
Walter P. Massie
Cartographic Survey Aid

Approved:
29 September 1949

E. R. McCarthy
Chief of Party
Photogrammetric Plot Report

This report is filed as part of the Descriptive Report for T-8967 and covers the photogrammetric plot for maps T-8966 to T-8968 inclusive and T-8977 to T-8979 inclusive.
<table>
<thead>
<tr>
<th>STATION</th>
<th>SOURCE OF INFORMATION (INDEX)</th>
<th>LATITUDE OR y-COORDINATE</th>
<th>LONGITUDE OR x-COORDINATE</th>
<th>DISTANCE FROM GRID OR PROJECTION LINE IN METERS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chocowinity, 1931</td>
<td>S. F. 192</td>
<td>35 25</td>
<td>46.403</td>
<td>1430.0 (419.0)</td>
</tr>
<tr>
<td></td>
<td>P. 23</td>
<td>35 07</td>
<td>41.312</td>
<td>1042.1 (471.4)</td>
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<tr>
<td>Rice, 1935</td>
<td>G. Ps. 422</td>
<td>35 29</td>
<td>46.118</td>
<td>1421.3 (427.8)</td>
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<tr>
<td></td>
<td></td>
<td>77 02</td>
<td>13.983</td>
<td>352.4 (1159.8)</td>
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<tr>
<td>Fork (USE), 1914</td>
<td>G. Ps. 420</td>
<td>35 29</td>
<td>43.960</td>
<td>1354.8 (494.3)</td>
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<td></td>
<td>77 01</td>
<td>11.001</td>
<td>277.3 (1235.0)</td>
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<tr>
<td>Chalk, 1933</td>
<td>G. Ps.</td>
<td>35 29</td>
<td>43.923</td>
<td>1353.6 (495.5)</td>
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<tr>
<td></td>
<td></td>
<td>77 01</td>
<td>12.121</td>
<td>305.5 (1206.7)</td>
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<tr>
<td>Calf, 1935</td>
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<td>35 29</td>
<td>13.716</td>
<td>422.7 (1426.4)</td>
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<td></td>
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<td>19.062</td>
<td>480.5 (1031.9)</td>
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<tr>
<td>Creek R.M., 1933</td>
<td>G. Ps. 415</td>
<td>35 28</td>
<td>55.781</td>
<td>1719.1 (130.0)</td>
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<tr>
<td></td>
<td></td>
<td>77 00</td>
<td>53.056</td>
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<tr>
<td>Fork Pt Lt, 1935</td>
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<td>77 00</td>
<td>14.347</td>
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**Notes:**
- 1 FT. = 30480.06 METER
- Computed by: B.F. Lampton
- Date: September 22, 1948
- Checked by: R.R. Wagner
- Date: 24 September 1948

- Outside map limits

**Footnotes:**
- Outside map limits

COMPILATION REPORT T-8977

PHOTOGRAFMERIC PLOT REPORT.

Submitted with T-8967.

31. **DELINEATION.**

Compilation was by graphic methods. Incomplete or unsatisfactory areas have been indicated on the discrepancy overlay.

32. **CONTROL.**

A sufficient number of well placed pass points were established to insure control for the detail points.

33. **SUPPLEMENTAL DATA.**

None used.

34. **CONTOURS AND DRAINAGE.**

Contours were delineated as indicated on the field photographs with exceptions duly noted on the discrepancy overlay. See 53 and 57.

Drainage was compiled after careful stereoscopic examination; especial attention being paid to the heavily wooded swamps. See 57.

35. **SHORELINE AND ALONGSHORE FEATURES**

Shoreline inspection was adequate.

36. **OFFSHORE DETAILS**

None.
37. LANDMARKS AND AIDS.

No unusual methods of compilation employed.
See item 9.

38. CONTROL FOR FUTURE SURVEYS.

None.

39. JUNCTIONS.

Satisfactory junction has been made with T-8966 on the north, and with T-8978 on the east. There is no contemporary survey on the south and west.

40. HORIZONTAL AND VERTICAL ACCURACY.

No statement. See item 66.

46. COMPARISON WITH EXISTING MAPS.

Comparison was made with U.S. Geological Survey topographic Quadrangle "Vanceboro, N.C." scale 1:62,500, edition of 1904, reprinted 1945. The planimetry in general appears to be in agreement. Many cultural changes, however, have taken place.

47. COMPARISON WITH NAUTICAL CHARTS

Comparison has been made with U.S. Coast and Geodetic Survey Chart 537, scale 1:40,000, edition of September 1937, bearing a print date of 12 January 1948. The chart and the map manuscript appear to be in agreement.

ITEMS TO BE APPLIED TO NAUTICAL CHARTS IMMEDIATELY.

None.

ITEMS TO BE CARRIED FORWARD.

None.

Approved and Forwarded:

Charles J. Downing
Cartographic Aid

Arthur L. Wardwell, LCDR
Chief of Party
PHOTOGRAMMETRIC OFFICE REVIEW
T. 8977

1. Projection and grids
2. Title
3. Manuscript numbers
4. Manuscript size

CONTROL STATIONS
5. Horizontal control stations of third-order or higher accuracy
6. Recoverable horizontal stations of less than third-order accuracy (topographic stations)
7. Bench marks
8. Plotting of sextant fixes
9. Photogrammetric plot report
10. Detail points

ALONGSHORE AREAS
(Nautical Chart Data)
12. Shoreline
13. Low-water line
14. Rocks, shoals, etc.
15. Bridges
16. Aids to navigation
17. Other alongshore physical features
18. Other alongshore cultural features

PHYSICAL FEATURES
20. Water features
21. Natural ground cover
22. Planetable contours
23. Contours in general
24. Spot elevations
25. Other physical features

CULTURAL FEATURES
27. Roads
28. Buildings
29. Railroads
30. Other cultural features

BOUNDARIES
31. Boundary lines

MISCELLANEOUS
33. Geographic names
34. Junctions
35. Legibility of the manuscript
36. Discrepancy
37. Descriptive Report
38. Field Inspection photographs
39. Forms

Jesse A. Giles
William A. Rasure
Reviewed
Supervisor, Review Section or Unit

41. Remarks (see attached sheet)

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.

Compiler
Supervisor

43. Remarks:
FIELD EDIT REPORT
Project Ph-20(47)
Quadrangle T-8977

51. METHODS

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

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

All corrections and additions have been shown on the field edit sheet, field photograph 22340 and one overlay sheet. All work shown on the photograph is properly referenced to on the field edit sheet. All deletions have been noted on the field edit sheet.

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

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

52. ADEQUACY OF COMPILATION

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

53. MAP ACCURACY See 51.

The horizontal accuracy of the map detail, in general, is relatively good. However, it was necessary to correct the turning points of some contours almost throughout the quadrangle for topographic expression.

One vertical accuracy test was made by planetable traverse, on the field edit sheet, in the vicinity of Bay Branch at or near Lat. 35°28', Long. 77°05'.

Ninety one per cent of the points tested were in error less than one-half contour interval.
55. EXAMINATION OF PROOF COPY

It is believed that Mr. W. C. Rodman, registered land surveyor, of Washington, N. C., is best qualified to examine a proof copy of this work.

Ref. to item 48 - Compilation Report.

A spot check of geographic names was made and found to be in excellent agreement with the geographic names list. All names referred for investigation have been clarified either in item 48 or on the field edit sheet.

56. SHORELINE AND OFFSHORE FEATURES

Ref. to item 7 - Field Inspection Report and Nautical Chart #537.

The shoreline and offshore features as indicated on the field edit sheet are correct.

57. CONTOURS AND DRAINAGE

Ref. to item 34 - Compilation Report.

Numerous corrections of contours were made throughout by both planetable and visual inspection methods. The majority of corrections were made to indicate, as near as possible, the true topography of the terrain.

Ditches in this area vary in width from 1 ft. to 8 ft. and do not affect the course of contours depicted on a map of this scale.

58. AREAL FIELD INSPECTION

Ref. to item 2 - Field Inspection Report.

Numerous additional buildings have been located on the field edit sheet.

Three new roads have been located on the field edit sheet. All roads have been reclassified, where necessary, in their proper category.
59. JUNCTIONS

Satisfactory junctions have been made with T-8966 to the north, T-8978 to the east. There are no contemporary surveys to the south and west.

1 June 1951
Submitted by:

James E. Hundle
Cartographer

8 June 1951
Approved:

Harry F. Garber
Commander, USC&GS
Chief of Party
VERTICAL ACCURACY TEST REPORT
Project Ph-20(47)
Quadrangle T-3977

1. A vertical accuracy test was made in the vicinity of Bay Branch, Lat. 35°-28', Long. 77°-05', as requested.

2. Thirty points on contours were tested along the course of a 2.1 mile planetable traverse. This planetable traverse originated and terminated on a fly level point previously established. Both, the horizontal and vertical closures were negligible.

3. The elevations obtained are plotted directly on the field edit sheet.

4. After applying the allowable horizontal shift to the contours on the very steep slopes, 91% of the points tested were correct to within one-half contour interval.

2 May 1951
Submitted by:

James E. Hundley
Cartographer

8 June 1951
Approved:

Harry F. Garber
Chief of Party
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 C. J. Downing, Tampa Photogrammetric Office.

<table>
<thead>
<tr>
<th>STATE</th>
<th>North Carolina</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHARTING NAME</td>
<td>LIGHT</td>
</tr>
<tr>
<td>DESCRIPTION</td>
<td>FORK POINT</td>
</tr>
<tr>
<td>RED SLATTED PILE STRUCTURE</td>
<td></td>
</tr>
<tr>
<td>LATITUDE</td>
<td>35 29</td>
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<tr>
<td>LINES</td>
<td>788</td>
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<tr>
<td>MERTS</td>
<td>77 00</td>
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<td>P.M. METERS</td>
<td>359</td>
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<tr>
<td>DATUM</td>
<td>M.A.</td>
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<tr>
<td>DATE OF LOCATION</td>
<td>1927</td>
</tr>
<tr>
<td>METHOD OF LOCATION AND SURVEY NO</td>
<td>T-8977</td>
</tr>
<tr>
<td>DATE OF LOCATION</td>
<td>1949</td>
</tr>
<tr>
<td>CHARTS AFFECTED</td>
<td>x 537</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

ATLANTIC COAST LINE RAILWAY

BAY BRANCH
BEAUFORT COUNTY
BLount POSCON
BROWN BRANCH
BARR RD
*CALS CREEK
CEDAR GROVE CHURCH
CHOCOWINITY BAY
CHOCOWINITY CREEK
CHOCOWINITY TOWNSHIP
CLAYBOTTOM CHURCH
CLAYBOTTOM ELEMENTARY SCHOOL
CINDY EDWARDS BRANCH
CRAYVEN COUNTY

DIVIDING CANAL
EDWARDS CEM.
FORK POINT
FORK POINT ISLAND
FORK SWAMP
GILEAD ROAD
GRAY ROAD
GUM RUN CANAL
GUM SWAMP RUN
HACKNEY SIDING
HAWBRANCH CHURCH
HILLS CREEK
HOG HOLE BRANCH
HORSE BRANCH

ISLAND CANAL

JOE BRANCH
JUNIPER SWAMP

LOT CANAL
LONG ACRE TOWNSHIP

MAPLE GROVE CHURCH
MAPLE GROVE ELEMENTARY SCHOOL
MC CONNEL
MORRIS RUN

(Where is it?) On map is of Edwards Branch
GEOGRAPHIC NAME LIST (CONTINUED)

NORFOLK SOUTHERN RAILWAY
NORTH CAROLINA

OLD BLOUNT CREEK ROAD

PAMLICO RIVER
PINKY POND CANAL
PROVIDENCE CHURCH

REEDY FOSCOSON
RICE CREEK
ROVER STATION

SHEPPARD RUN
SHEPPARD RUN CANAL
SIDNEY CREEK
SILAS CREEK
ST JAMES CHURCH
STATE NO. 33

TOWNSHIP NO. 1

UNITED STATES NO. 17
UNION CHAPEL
WHITE BRANCH
WILMAR COMMUNITY BLDG.

*To be clarified by Field Editor.

CALS CREEK and CALF CREEK both given for the same stream on Geographic Name Sheets.

Names approved -

-subject to Field Ed. t

2-14-51

A. J. W.

Recheck 4-10-52

L.H. H.
62. **Comparison with Registered Topographic Surveys.**

- T-1211 1:20,000 1870-71
- T-6462 1:10,000 1935

No large changes in shoreline are evident between T-8977 and the previous surveys. T-1211 is superseded by T-8977 for nautical charting purposes. T-6462 shows close inshore features such as stakes, piling, and a wire fence which are not shown on T-8977.

63. **Comparison with Maps of Other Agencies.**

Vanceboro, N.C., USGS 15' quadrangle
1:62,500 1902 Refer to item No. 46.

64. **Comparison with Contemporary Hydrographic Surveys.** None

65. **Comparison with Nautical Charts.**

- NO. 537 1:40,000 ed. 1937 corr. 6/11/51

There are no significant differences between T-8977 and the chart other than piling in the vicinity of Fork St. I. and in the vicinity of the ruined pier between the mouth of Rice Creek and Cals Creek. This piling is shown on the chart but not on T-8977.

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.

67. **Geographic Names.**

A list of geographic names, approved by the Geographic Names Section, Div. of Charts, is attached (item 48).

Reviewed by:

[K. N. Maki]

K. N. Maki

**APPROVED**

[S. E. Griffith]

S. E. Griffith

Chief, Photogrammetry Branch

7-27-53

[Earl A. Irvin]

Earl A. Irvin

Chief, Div. of Photogrammetry

[Richard H. Turner]

Chief, Division of Charts

[Earl A. Irvin]

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

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

USC&GS Hydrographic Survey
H-5996 (1935) 1:10,000

Hydrography was compiled by K. N. Maki and verified by C. B. Samuel.

[Signature]
K. N. Maki
Div. of Photogrammetry
18 April 1952