8979

<table>
<thead>
<tr>
<th>Type of Survey</th>
<th>TOPOGRAPHIC</th>
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<tbody>
<tr>
<td>Field No.</td>
<td>Ph-20(47)</td>
</tr>
<tr>
<td>Office No.</td>
<td>T-8979</td>
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**LOCALITY**

<table>
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<tr>
<td>General locality</td>
<td>PAMLICO RIVER</td>
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<tr>
<td>Locality</td>
<td>BATH</td>
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</table>

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**194**

**CHIEF OF PARTY**

E.R. McCarthy, Chief of Field Party.
A.L. Wardwell, Tampa Photogrammetric Office

**LIBRARY & ARCHIVES**

DATE April 1, 1953
DATA RECORD

T - 8979

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): 7-3-50 Date reported to Nautical Chart Branch (IV): 7-7-50

Applied to Chart No. Date: Date registered (IV): 9 Jan 1953

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 (F) refer to mean high water
Elevations shown as (G) refer to sounding datum
i.e., mean low water or mean lower low water

Reference Station (III): BAYVIEW, 1933

Lat.: 35° 26' 08.433(259.9m) Long.: 76° 47' 34.770 (877.0m) Adjusted

Plane Coordinates (IV): Lambert State: North Carolina Zone:

Y = 620,781.62 Ft. X = 2,657,357.93

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

Elmer L. Williams, Cartographer
Matthew A. Stewart, Cartographic Survey Aid
Walter P. Massie, Cartographic Survey Aid
DATA RECORD

Field Inspection by (II):  
E. L. Williams            Date: 16 Dec. 48
M. A. Stewart            3 Mar. 49

Planetary contouring by (II):  
E. L. Williams               Date: 16 Dec. 48
M. A. Stewart               22 Mar. 49
W. P. Massie

Completion Surveys by (II):  
J. E. Hundle                Date: Jan 51

Mean High Water Location (III) (State date and method of location):  
Date of photographs, Aerial Photo. Compilation

Date: 28 June 48

Projection and Grids checked by (IV): W.E.W. ( )  
Date: 28 June 48

Control plotted by (III):  
R. R. Wagner                Date: 12 Oct. 48

Control checked by (III):  
B. F. Lampton               Date: 20 Oct. 48

Radial Plot  
M. M. Slavney               Date: 30 Dec. 49

Stereoscopic Instrument compilation (III):  
In applicable

Pimemetry
Contours

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

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

Elevations on Manuscript  
J. A. Giles                Date: May 1950
checked by (II) (III):
PHOTOGRAPHS (III)

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Tide (III)

Reference Station: appreciable
Subordinate Station: No periodic tide
Subordinate Station:

Washington Office Review by (IV): Jack L. Rikin Date: 30 Aug 1951

Final Drafting by (IV): U.S.G.S Date:

Drafting verified for reproduction by (IV):

Proof Edit by (IV):

Land Area (Sq. Statute Miles) (III): 39
Shoreline (More than 200 meters to opposite shore) (III): 31.3 Mi
Shoreline (Less than 200 meters to opposite shore) (III): 33.1 Mi
Control Leveling - Miles (II): 34
Number of Triangulation Stations searched for (II): 18 Recovered: 13 Identified: 9
Number of BMs searched for (II): 3 Recovered: 3 Identified: 1
Number of Recoverable Photo Stations established (II): 7
Number of Temporary Photo Hydro Stations established (II): None

Remarks:
Summary to Accompany T-8979

Topographic map T-8979 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. A 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 7 1/2 minute quadrangle. The registered copies under T-8979 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-8979
35-22.5/76-45/07.5
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 report is submitted under instructions dated 30 September 1942. The field work was accomplished by the following personnel:

<table>
<thead>
<tr>
<th>Name and Title</th>
<th>Phase</th>
<th>Started</th>
<th>Completed</th>
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<tr>
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<td>2-8-49</td>
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<tr>
<td>E. L. Williams Cartographer (Photo)</td>
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<tr>
<td>W. P. Massie Cart. Sur. Aid</td>
<td>Contours</td>
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<tr>
<td></td>
<td>Field Inspection</td>
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</table>

1. DESCRIPTION OF THE AREA

This quadrangle is located in Beaufort County, North Carolina, and is bisected by the Pamlico River. South of the river the land is mostly wooded. North of the river, the western section is cultivated and the eastern is wooded.

There are one incorporated town and several incorporated villages in the area. Bath, the incorporated town is the oldest permanent settlement in the state. The villages are scattered along the Pamlico River.

The area is adequately served by roads. The main route (State Highway #92) traverses the northern part of the quadrangle in an east-west direction.

2. COMPLETENESS OF FIELD INSPECTION

Field inspection is believed to be adequate and complete.

3. INTERPRETATION OF THE PHOTOGRAPHS

No difficulties were encountered in interpretation of the
photographs.

4. HORIZONTAL CONTROL

A search was made for all known horizontal control and a report for each triangulation station submitted on Form 526. A sufficient number of stations was identified to control the radial plot.

No supplemental control was established. See item 38.

5. VERTICAL CONTROL

There are no third order bench marks. There are three tidal bench marks located in the town of Bath which were recovered, identified, and reported on Form 685A. Thirty-four miles of fly levels were run to furnish supplemental control for contouring.

6. CONTOURS AND DRAINAGE

Contouring was done on nine lens photographs of 1:20,000 scale at an interval of 5 ft. Elevations range from 0 to 36 feet. The higher elevations are near the southwest corner. Approximately 36.

A tributary of Pamlico River, Bath Creek, and its tributaries Back and Duck Creeks drain the northern part of the quadrangle. Durham Creek, an arm of the Pamlico River, serves as the drainage artery for the southern part.

7. MEAN HIGH-WATER LINE

Mean high-water line shows clearly on the photographs.

8. MEAN LOW-WATER LINE

Mean low-water line coincides with the mean high-water line as there is no periodic tide.

9. WHARVES AND SHORELINE STRUCTURES

Most of the shoreline structures in the area are near the villages of Bath and Bayview. All structures have been shown on the photographs. Many of the piers are in ruins.

10. DETAILS OFFSHORE FROM THE HIGH-WATER LINE

There are no details offshore, except for a few temporary duck blinds.

11. LANDMARKS AND AIDS TO NAVIGATION

There are two landmarks, Bath Tank and Bayview Tank. These
features were identified on the photographs and are reported on Form 567. There are three aids to Navigation; Durham Creek Light and Rumley Marsh Light which are submitted on Form 567; a copy of which is attached to this report.

12. HYDROGRAPHIC CONTROL

Control was identified in accordance with the Director's Instructions, Project Ph-20(47), Field dated 23 July 1948.

13. LANDING FIELD AND AERONAUTICAL AIDS

There are no landing fields or aeronautical aids in this quadrangle.

14. ROAD CLASSIFICATION

All roads were classified in accordance with Photogrammetry Instructions No. 10, dated 14 April 1947 as amended 24 October 1947.

15. BRIDGES

All bridge information for the area covered by this report as listed in the U. S. Engineers "List of Bridges Over Navigable Waters in the U. S." dated 1 July 1941 was verified in the field. All clearances were carefully measured with a steel tape. The published descriptions and clearances were found to be correct.

16. BUILDINGS AND STRUCTURES

The field inspection of buildings and structures was completed in accordance with Photogrammetry Instructions No. 29 dated 1 October 1948.

17. BOUNDARY MONUMENTS AND LINES

For description of all boundary monuments and lines in this project see Special Boundary Report which was submitted on 14 February 1949 by Mr. Wilbur H. Nelson, and supplement boundary report by Mr. A.J. Wright, which will be submitted. Filed in Div of Photogrammetry

18. GEOGRAPHIC NAMES

This will be the subject of a special report which will be submitted by Mr. A.J. Wright. Filed in Geographic Name Section, Div of Charts

Approved
25 July 1949

E.R. McCarthy
Chief of Party

20 June 1949
Submitted by:

Matthew A. Stewart
Cartographic Survey Aid
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<th>STATION</th>
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<th>DATUM</th>
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<th>LONGITUDE OR x-COORDINATE</th>
<th>DISTANCE FROM GRID IN FEET OR PROJECTION LINE IN METERS</th>
<th>FACTOR DISTANCE FROM GRID OR PROJECTION LINE IN METERS</th>
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1 FT = 30.48006 METER

D.F. Lampton

22 September 1948

R.R. Wagner

24 September, 1948
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1 FT. = 0.3048006 METER

COMPUTED BY: D.E. Lampton
DATE: 22 September 1948

CHECKED BY: E.R. Wagner
DATE: 24 September 1948
COMPILATION REPORT, T-8979

PHOTOGRAMMETRIC PLOT REPORT

This report will be submitted with T-8967.

31. DELINEATION

The manuscript was delineated by the graphic method.

Due to the poor scale of the photographs, it was necessary to use the projector in transferring much of the detail, particularly contours.

Areas that are left for the completion survey, either for corrections or verification, have been noted on the discrepancy overlay.

As a whole, the field inspection is considered adequate.

32. CONTROL

A sufficient number of secondary control points were established and so placed that no difficulty was encountered in cutting in detail points.

33. SUPPLEMENTAL DATA

None.

34. CONTOURS AND DRAINAGE

Many contours that were questionable, that is, did not conform to the drainage pattern, were omitted from the manuscript until further investigation by the field editor.

Drainage has been applied to the manuscript after careful study under the stereoscope. Some discrepancies were noted in the field interpretation of drainage.

Minor contour changes have been made to conform more closely to the drainage and relief in general.

All major variances in contour and drainage interpretation have been shown on the discrepancy overlay.

35. SHORELINE AND ALONGSHORE DETAILS

No difficulty was encountered in the interpretation or delineation of the shoreline, the inspection of which was adequate.

All alongshore features have been shown according to the field inspector's notes.
35. SHORELINE AND ALONGSHORE DETAILS (Continued)

The limits of Core Point Shoal could not be discerned on the photographs and was therefore omitted from the manuscript. However, investigation should be made by the hydrographer to define the limits of the shoal.

The limits of Beacham Slough is probably an undefinable feature and need not be further investigated by the hydrographer. The geographic name has therefore been retained on the manuscript.

36. OFFSHORE DETAILS

No difficulty was encountered in delineating offshore details that were noted by the Field Inspector. However, numerous offshore features shown on Chart 537 as piles and logs have not been recovered by the Field Inspector. These features may be found as shown on the Chart, in Bath Creek, in Durham Creek and offshore from the town of Bayview. If any of these features are still in existence and above the lines of MHW the field editor should locate them so that a position can be determined in the office.

37. LANDMARKS AND AIDS

Reference Item 11 concerning landmarks.

The Field Inspection Report is in error in stating that two aids to navigation fall within the quadrangle, when there are actually three. BATH CREEK LT. was cut in radially. RUSSELY MARSH LT. and DURHAM CREEK LT. was located by a combination of radial cuts, theodolite cuts and a sextant fix. The theodolite cuts were not too strong in some instances and there is some doubt if these two aids are in their correct position. They should be checked by the completion survey.

38. CONTROL FOR FUTURE SURVEYS

Seven recoverable topographic stations have been established and Form 524 submitted for each.

A list of these stations has been prepared and listed under Item 49.
39. JUNCTIONS
   T-8968 to the north: in agreement
   T-8988 to the south: in agreement
   T-8978 to the west: in agreement
   T-8980 to the east: not compiled

40. HORIZONTAL AND VERTICAL ACCURACY
   No statement.

46. COMPARISON WITH EXISTING MAPS
   There are no topographic or planimetric maps available for comparison.

47. COMPARISON WITH NAUTICAL CHARTS
   Comparison has been made with U.S.C.&G.S. Chart No. 537, scale 1:40,000, edition of Sept. 1937, bearing a print date of 12 Jan. 1948.
   The chart and map manuscript appear to be in good agreement with the following exceptions:

   A pond shown on the chart at approximate latitude 35° 28' longitude 76° 51' is now non-existent.

   Numerous road changes and additions have occurred.

ITEMS TO BE APPLIED TO NAUTICAL CHARTS IMMEDIATELY.

None.

ITEMS TO BE CARRIED FORWARD

None.

Richard A. Reece
Cartographic Survey Aid

Approved and Forwarded

Arthur L. Wardwell
Chief of Party
50 PHOTOGRAMMETRIC OFFICE REVIEW
T. 8979


CONTROL STATIONS
5. Horizontal control stations of third-order or higher accuracy JG 6. Recoverable horizontal stations of less than third-order accuracy (topographic stations) JG 7. Records of control stations JG 8. Bench marks JG

ALONGSHORE AREAS
(Nautical Chart Data)

PHYSICAL FEATURES

CULTURAL FEATURES

BOUNDARIES
31. Boundary lines JG 32. Public and private roads JG

MISCELLANEOUS

40. Jesse A. Giles
Compiler

William A. Rasule
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

M-2623-12
FIELD EDIT REPORT T-8979

51. METHODS

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

Corrections and additions were made with standard survey instruments in conjunction with visual inspection.

All deletions have been noted on the field edit sheet. Additions and corrections have been noted on the field edit sheet and field photograph number 22223. All work shown on the photograph is properly referenced on the discrepancy print or field edit sheet.

The reviewer's questions are answered on the discrepancy prints whenever possible.

A legend appears on the field edit sheet indicating the different colored inks used for the various additions, corrections and deletions.

Geographic names revision appears on the geographic names print.

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

In general, the accuracy of the map is good.

Minor corrections of the placement of contours were made throughout the area.

54. RECOMMENDATIONS

None.

55. EXAMINATION OF PROOF COPY

It is believed that Mr. Stewart Harris, land surveyor of Pungo, N.C., is best qualified to examine a proof copy of this map.

Reference to item 48 - Geographic Names List - Compilation Report
All geographic names which were to be investigated have been properly shown on the Geographic Names print.
55. HORIZONTAL CONTROL

Reference to item 4 - Field Inspection Report
Three third-order triangulation intersection stations were established, namely, Bayview Tank, Rumley Marsh Light and Durham Creek Light.

57. WHARVES AND SHORELINE STRUCTURES

Reference to item 9 - Field Inspection Report
Numerous shoreline structures have been noted on the field edit sheet that were completely ignored during time of original field inspection.

58. OFFSHORE DETAILS

Reference to item 10 - Field Inspection Report
Note to Hydrographer.
There are numerous fish traps (stake) and duck blinds (stake) along both shores of the Pamlico River. Not located by field parties but probably of a temporary nature.

59. LANDMARKS AND AIDS TO NAVIGATION

Reference to item 11 - Field Inspection Report
All landmarks and aids to navigation shown on Chart #537, for this area, are in existence.

60. JUNCTIONS

Reference to item 39 - Compilation Report
A satisfactory junction has been made with quadrangle T-8988 to the south, T-8968 to the north; junctions with T-8978 on the west and T-8980 on the east will be made at a later date.

Submitted by:

James E. Hundley
Cartographer

Approved by:

Harry F. Gerber
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

<table>
<thead>
<tr>
<th>STATE</th>
<th>NORTH CAROLINA</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHARTING NAME</td>
<td>TANK</td>
</tr>
<tr>
<td>DECEMPTION</td>
<td>Skeleton, steel, water tank, 67 feet high</td>
</tr>
<tr>
<td>SIGNAL NAME</td>
<td>T-0979</td>
</tr>
<tr>
<td>LATITUDE</td>
<td>35 28</td>
</tr>
<tr>
<td>LONGITUDE</td>
<td>1,177.0</td>
</tr>
<tr>
<td>DATUM</td>
<td>W.A. Triang. 1927</td>
</tr>
<tr>
<td>METHOD OF LOCATION AND SURVEY</td>
<td>Radial Plot</td>
</tr>
<tr>
<td>DATE OF LOCATION</td>
<td>June, 1949</td>
</tr>
<tr>
<td>CHARTS AFFECTED</td>
<td>x 537</td>
</tr>
</tbody>
</table>

| CHARTING NAME | TANK |
| DECEMPTION | Skeleton, steel, water tank, 80 feet high |
| SIGNAL NAME | |
| LATITUDE | 35 26 |
| LONGITUDE | 560 |
| DATUM | |
| METHOD OF LOCATION AND SURVEY | |
| DATE OF LOCATION | |
| CHARTS AFFECTED | x 537 |

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 field survey sheets. Information 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. Rees
Tampa Photogrammetric Office N. H. McCarthy
Chief of Party.

<table>
<thead>
<tr>
<th>STATE</th>
<th>NORTH CAROLINA</th>
<th>POSITION</th>
<th>METHOD OF LOCATION AND SURVEY</th>
<th>DATE OF LOCATION</th>
<th>CHART AFFECTED</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHARTING NAME</td>
<td>DESCRIPTION</td>
<td>LATITUDE</td>
<td>LONGITUDE</td>
<td>DATUM</td>
<td>NO.</td>
</tr>
<tr>
<td>Lt.</td>
<td>Rumley Marsh - Red slatted pile strut, 19 ft. high</td>
<td>35 24 1435</td>
<td>76 45 1334</td>
<td>M.A. 1927</td>
<td>T-6979</td>
</tr>
<tr>
<td>Lt.</td>
<td>Durham Creek - Red box on pile, 14 ft. high</td>
<td>35 24 106</td>
<td>76 49 365</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Lt.</td>
<td>Bath Creek - Black slatted pile strut, 19 ft. high</td>
<td>35 27 246</td>
<td>76 49 375</td>
<td></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 reetermined, shall be reported on this form. The data should be considered for the charts of the area and not by individual field survey sheets. Information 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 shown (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</th>
<th>LONGITUDE</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>TANK</td>
<td>BAYVIEW - Skeleton steel water tank, 50' high</td>
<td></td>
<td>35 26</td>
<td>560 76 47</td>
<td>717</td>
<td>N.A. Radial Plot</td>
<td>June 1949</td>
<td>x 537</td>
</tr>
</tbody>
</table>

NOTE: See new position for this tank

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 field survey sheets. Information 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

R. F. Garber

Chief of Party.

<table>
<thead>
<tr>
<th>STATE</th>
<th>NORTH CAROLINA</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHARTING NAME</td>
<td>DESCRIPTION</td>
</tr>
<tr>
<td>LT</td>
<td>BUMLEY MARSH - Red slatted pile structure - 19 ft. high</td>
</tr>
<tr>
<td>LT</td>
<td>DUNHAM CREEK - Red box on pile</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 field survey sheets. Information under each column heading should be given.
GEOGRAPHIC NAME LIST

- Adams Creek
- Archibell Gut
- Archibell Point
- Back Creek
- Barris Creek
- Bath
- Bath Creek
- Bath Township
- Bayside School
- Bay View
- Bayview Church
- Beacham Slough
- Bear Grass Point
- Beasley Point
- Beaufort County
- Big Bay
- Bogus Point
- Bonners Point
- Boyd Creek
- Brick House Cove
- Brown Run
- Carter Creek
- Catnip Point
- Core Point
- Core Point (Community)
- Core Point Chapel
- Core Point Shoal
- Cradle Gut
- Crawford Mill Run
- Cupler Sloughs
- Duck Creek
- Durham Creek
- Durham Creek Point
- Eborn Point
- Fry Point
- Gar Gut
- Garrison Point
- Glee Creek
- Gum Point
- Handys Point
- Hawkins Landing
- Hickory Point Road
- Horse Point

- Athens Chapel (as written)
- Cool Point (added)
- Free Will Baptist Church (added)
48. GEOGRAPHIC NAME LIST (Continued)

- JACKSON SWAMP
- KILBY ISLAND
- LEE CREEK
- LONG POINT
- MIDGETTE POINT
- MILL GUT
- MCMINN CREEK
- MONEY POINT
- MYRTLE BRANCH (note enlarged application)
- NORTH CAROLINA
- PAMLICO RIVER
- PLUM POINT
- PLUM POINT GUT
- PORTER CREEK
- REESE'S BRANCH CHURCH (to be located by F.E.)
- RESPES SHORE
- RICHLAND TOWNSHIP
- RUMLEY MARSH
- SANDY POINT
- SHELL LANDINGS
- SLADE GUT
- ST. THOMAS CHURCH
- STATE NO. 92
- STEWARTS CHURCH
- SULLIVAN POINT
- TAYLOR BRANCH
- TEALS GUT
- WHITE POST (one word per 1950 R.H.N. decision)

Names underlined in red are approved - after Field Edit. 8-4-51

L. Heck
62. **Comparison with Registered Topo Surveys:** For the areas in common, this survey supersedes:

- T-1210 (1871) 1:20,000
- T-1212 (1870) 1:20,000
- T-6408
- T-6409 (1935) 1:10,000
- T-6410
- T-6416
- T-6464

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. 537 6/11/51 1:40,000

The overhead cable and submarine cable at Bath should be charted. This survey should be applied to the chart when it is reconstructed, changes and additions made during review are shown in red ink on the manuscript.

66. **Aids and Landmarks:**

Aids and landmarks are listed on Form 567. See copies 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 as they are to be shown on the published map has also been prepared. This map will be edited and published by the U. S. Geological Survey.
Reviewed by:

Jack L. Pihn
Jack L. Pihn, Cartographer

Approved by:

S. J. Griffith 3/10/53
Chief, Review Section
Division of Photogrammetry

hydration
Chief, Div. of Photogrammetry

Melmon
Chief, Nautical Chart Branch
Division of Charts

Earl O. Newton
Chief, Division of Coastal Surveys
HISTORY OF HYDROGRAPHIC INFORMATION

T-8979 - North Carolina

Hydrography was applied to the manuscript of this quadangle in accordance with Division of Photogrammetry request of 12 September 1951, and with general specifications of 18 May 1949.

The depths are in feet at mean low water and originate with the following surveys and charts:

USC&GS Hydrographic Surveys
- H-5918 (1935) 1:10,000
- H-5941 (1935) 1:10,000
- H-5950 (1935) 1:10,000
- H-5961 (1935) 1:10,000

USC&GS Nautical Chart
- 537 (1951) 1:40,000

Bottom contours are shown at 6, 12 and 18 feet.

The hydrography was compiled by R. E. Elkins and checked by G. F. Jordan.

R. E. Elkins
R. E. Elkins - 1 October 1951
Nautical Chart Branch