

8971

Disc. Mt. 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-8971

LOCALITY

State NORTH CAROLINA

General locality HYDE COUNTY

Locality PUNGO RIVER

194' 51

CHIEF OF PARTY

H. F. Garber, Chief of Party.

A. L. Hardwell, Tampa Photogrammetric Office

LIBRARY & ARCHIVES

DATE August 4, 1953

B-1870-1 (1)

8971

## 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): **10/10/50** Date reported to Nautical Chart Branch (IV): **10/10/50**

Applied to Chart No.

Date:

Date registered (IV): **7-22-53**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 (5) refer to sounding datum  
i.e., mean low water or mean lower low waterReference Station (III): **WILKERSON, 1935**Lat.: **35° 33' 15".813 (487.3m)** Long.: **76° 26' 22".732 (572.6m)**

Adjusted

~~Unadjusted~~

Plane Coordinates (IV):

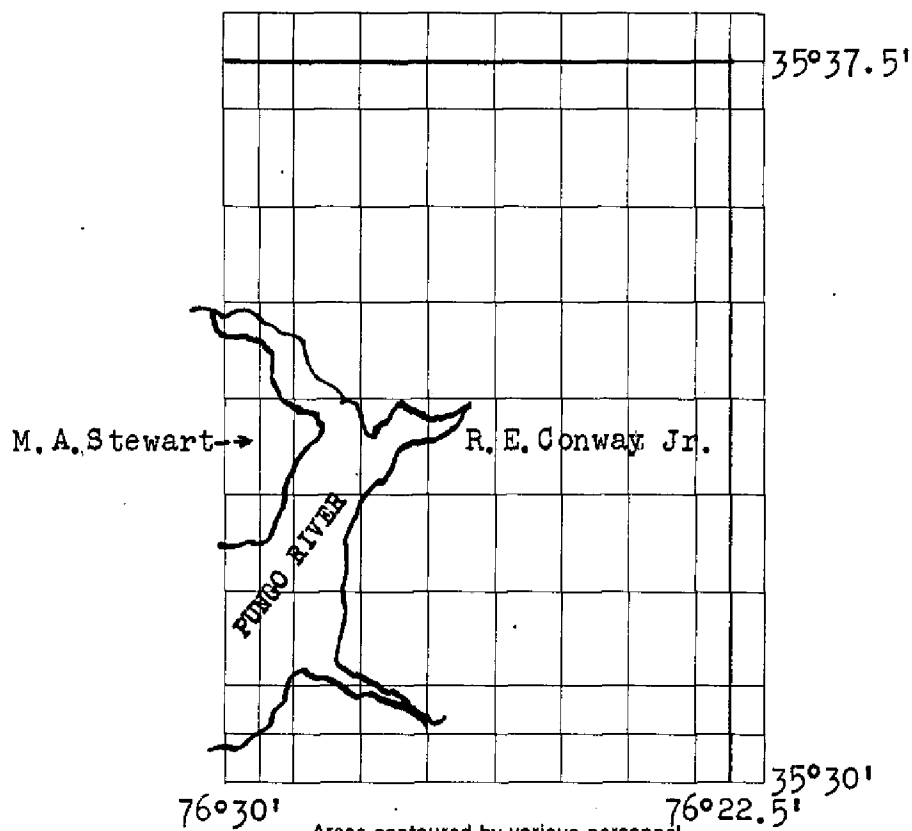
State: *North Carolina*Zone: **—**

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.



Areas contoured by various personnel

(Show name within area)

(II) (III)

## DATA RECORD

Field Inspection by (II):	<b>Richard E. Conway, Jr., Cartographic Survey Aid Matthew A. Stewart Cartographic Survey Aid</b>	Date:	<b>3-23-50 to 5-9-50</b>
Planetable contouring by (II):	<b>M. A. Stewart R. E. Conway, Jr.</b>	Date:	<b>5-9-50</b>
Completion Surveys by (II):	<b>James E. Hundley</b>	Date:	<b>June, 1951</b>
Mean High Water Location (III) (State date and method of location):			
	<b>Air photo compilation</b>		<b>FEB. 1950</b>
Projection and Grids ruled by (IV):	<b>W. E. W. (W. O.)</b>	Date:	<b>2 June 1948</b>
Projection and Grids checked by (IV):	<b>W. E. W. (W. O.)</b>	Date:	<b>2 June 1948</b>
Control plotted by (III):	<b>R. R. Wagner</b>	Date:	<b>14 Oct. 1948</b>
Control checked by (III):	<b>B. F. Lampton</b>	Date:	<b>26 Oct. 1948</b>
Radial Plot or <del>Stereoscopic</del> <del>Contour</del> by (III):	<b>M. M. Slavney</b>	Date:	<b>17 August 1950</b>
	Planimetry	Date:	_____
Stereoscopic Instrument compilation (III):	<b>Inapplicable</b>	Date:	_____
	Contours	Date:	_____
Manuscript delineated by (III):	<b>R. A. Reece</b>	Date:	<b>8 Nov. 1950</b>
Photogrammetric Office Review by (III):	<b>J. A. Giles</b>	Date:	<b>Dec. 1950</b>
Elevations on Manuscript checked by <del>RA</del> (III):	<b>R. A. Reece</b>	Date:	<b>6 Nov. 1950</b>

Camera (kind or source) (III): U. S. C. & G. S. 9 lens, 8 $\frac{1}{4}$ " focal length

Number	Date	Time	Scale	Stage of Tide
22153	29 March 1948	12:59	1:20,000	No periodic tide
22154	" " "	13:00	"	
24112	21 Dec. 1948	12:09	"	
24113	" " "	12:11	"	
24119	" " "	12:22	"	
24120	" " "	12:23	"	

## Tide (III)

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

Ratio of Ranges	Mean Range	Spring Range

Washington Office Review by (IV): K. N. Maki

Date: 4-28-52

Final Drafting by (IV):

Date:

Drafting verified for reproduction by (IV):

Date:

Proof Edit by (IV):

Date:

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 Fly Levels

Number of Triangulation Stations searched for (II): 28 Recovered: 14 Identified: 14

Number of BMs searched for (II): Recovered: Identified: 10

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:

<u>Name and Title</u>	<u>Phase</u>	<u>Date</u>
Matthew A. Stewart Cartographic Survey Aid	Third Order Levels	October, 1948 April, 1949
Herschel G. Murphy Cartographic Survey Aid	Shoreline Inspection Horizontal & Vertical Control Recovery and Identification	February 1949 April 1949

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 Roper 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:

<u>Station</u>	<u>Agency</u>	<u>Order</u>	<u>Datum</u>
269	NOGS	Third	NA 1927
270	NOGS	Third	NA 1927
273	NOGS	Third	NA 1927

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

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

### 4. VERTICAL CONTROL

(a) Bench Marks

All Bench Marks in this Quadrangle are Third Order Bench Marks established by this party:



✓V-243	✓Durden, 1934	
✓W-243	Durden RM No. 1	] Not shown on manuscript.
✓X-243	Durden RM No. 2	
✓Y-243	✓Wilkerson, 1933	
✓Z-243	Wilkerson RM No. 1	] Not shown on manuscript.
✓269 (NCGS)	Wilkerson RM No. 2	
269 (NCGS) (AZ)		
✓270 (NCGS)		
270 (NCGS) (AZ)		

(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 <sup>nineteen</sup> 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 head-water'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. Wraight. *Filed in the Div. of Photogrammetry general files.*

11. OTHER CONTROLS

Recoverable Topographic Stations established are:

Anne, 1949

Dude, 1949

Fire Tower, 1950 - *Form 524 submitted by Field Edit. see item #38 and #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 5441 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. Wraight. *✓ 54 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 "E1a".~~

15 May 1950  
Submitted by:

*Richard E. Conway Jr.*  
Richard E. Conway, Jr.  
Cartographic Survey Aid

Approved:

*Harry F. Garber*  
Harry F. Garber  
Chief of Party

Photogrammetric Plot Report No.5

This report covers the radial plot for maps T-8969 to T-8972 inclusive, T-8980 to T-8983 inclusive, and T-8992 and is filed as part of the descriptive report for T-8992.



MAP T. 8971

PROJECT NO. Ph-20(47)

SCALE OF MAP 1:20,000

SCALE FACTOR 1.000

STATION	SOURCE OF INFORMATION (INDEX)	DATUM	LATITUDE OR $\psi$ -COORDINATE LONGITUDE OR $\chi$ -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		FACTOR DISTANCE FROM GRID OR PROJECTION LINE IN METERS
						FORWARD	(BACK)	
✓ 273 (N.C.G.S.) 1934	N.C.G.S.	N.A. 1927	679,260.40 2,766,834.42	9,260.40 ( 739.60) 6,834.42 (3,165.58)		2,822.6 ( 225.4) 2,083.1 ( 964.9)		Not shown 1950 recovery describes Sta. as leaning by not in bearing position.
✓ DUDEN, 1934	G.P. 346	"	35 34 45.191 76 29 21.733			1,392.7 ( 456.4) 547.2 ( 963.5)		
✓ 269 (N.C.G.S.) 1934	N.C.G.S.	"	675,855.86 2,749,195.16	5,855.86 (4,144.14) 9,195.16 (804.84)		1,784.9 (1,263.1) 2,802.7 ( 245.3)		
✓ BELT, 1934	G.P. 346	"	35 33 56.672 76 29 30.806			1,746.6 ( 102.6) 775.8 ( 735.2)		
✓ HERM, 1934	G.P. 346	"	35 33 16.290 76 27 36.444			502.0 (1,347.1) 917.9 ( 593.3)		
✓ POOLE, 1934	G.P. 346	"	35 33 12.411 76 28 48.501			382.5 (1,466.6) 1,221.6 ( 289.6)		
✓ BULLOCK, 1935	G.P. 297	"	35 32 59.010 76 29 38.832			1,818.6 ( 30.5) 978.1 ( 533.2)		
✓ WILKERSON, 1935	G.P. 297	"	35 33 15.813 76 26 22.732			487.3 (1,361.8) 572.6 ( 938.7)		
✓ INTRACOASTAL WATER WAY BN. 22, 1934	G.P. 348	"	35 33 01.612 76 28 06.154			49.7 (1,799.5) 155.0 (1,356.3)		
✓ 270 (N.C.G.S.) 1934	N.C.G.S.	"	665,167.62 2,761,336.07	5,167.62 (4,832.38) 1,336.07 (8,663.93)		1,575.1 (1,472.9) 407.2 (2,640.8)		
✓ CAHD, 1934	G.P. 345	"	35 32 12.522 76 28 03.981			385.9 (1,463.2) 100.3 (1,411.2)		
✓ BECK, 1934	G.P. 345	"	35 31 00.525 76 28 13.852			16.2 (1,833.0) 349.0 (1,162.8)		

1 FT. = 3048006 METER

COMPUTED BY B. F. Lampton

DATE 22 September 1948

CHECKED BY R. R. Wagner

DATE 23 September 1948

M. 2388-12

12

SCA FACTOR 1.000

[illegible]

DATE 23 September 1948 M-2

**M-2388-12**

## 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. *See item 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. *See item 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.

<sup>3</sup>  
Two (2) Forms 524 are being submitted with this report.

A list of the recoverable topographic stations have been listed in ~~Item 49.~~ *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 Edit 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 1231, scale 1:80,000, published November 1938,  
(8th Edition) corrected to 2 October 1950.

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. Reece,  
Cartographic Survey Aid

Approved and Forwarded:

  
Arthur L. Wardwell  
Chief of Party

50.

## PHOTOGRAMMETRIC OFFICE REVIEW

T-8971

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

## CONTROL STATIONS

5. Horizontal control stations of third-order or higher accuracy
- M.M.S.
6. Recoverable horizontal stations of less than third-order accuracy (topographic stations)
- J.G.
- ~~XXXXXXXXXXXX~~
8. Bench marks
- J.G.
9. Plotting of sextant fixes
- J.G.
10. Photogrammetric plot report
- J.G.
11. Detail points
- J.G.

## ALONGSHORE AREAS

(Nautical Chart Data)

12. Shoreline
- J.G.
13. Low-water line
- J.G.
14. Rocks, shoals, etc.
- J.G.
15. Bridges
- J.G.
16. Aids to navigation
- J.G.
- ~~XXXXXXXXXXXX~~
18. Other alongshore physical features
- J.G.
19. Other along-shore cultural features
- J.G.

## PHYSICAL FEATURES

20. Water features
- J.G.
21. Natural ground cover
- J.G.
22. Planetable contours
- J.G.
- ~~XXXXXXXXXXXX~~
- ~~XXXXXXXXXXXX~~
24. Contours in general
- J.G.
25. Spot elevations
- J.G.
26. Other physical features
- J.G.

## CULTURAL FEATURES

27. Roads
- J.G.
28. Buildings
- J.G.
29. Railroads
- J.G.
30. Other cultural features
- J.G.

## BOUNDARIES

31. Boundary lines
- J.G.
- ~~XXXXXXXXXXXX~~

## MISCELLANEOUS

33. Geographic names
- J.G.
34. Junctions
- J.G.
35. Legibility of the manuscript
- J.G.
36. Discrepancy overlay
- J.G.
37. Descriptive Report
- J.G.
38. Field inspection photographs
- J.G.
39. Forms
- J.G.

40. Jesse A. Giles

Reviewer

William A. Rasure

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:

M-2623-12

FIELD EDIT REPORT  
Project Ph-20(47)  
Quadrangle T-8971

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.  $35^{\circ}-34'$ , Long.  $76^{\circ}-25'$ .

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 48 - 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. Millar 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.  $35^{\circ}-33'$  Long.  $76^{\circ}-26'$  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*  
James E. Hundley *CEV*  
Cartographer

17 July 1951  
Approved by:

*Harry F. Garber*  
Harry F. Garber *CEV*  
Commander, USC&GS  
Chief of Party

**DEPARTMENT OF COMMERCE**  
**U. S. COAST AND GEODETIC SURVEY**

## NONFLOATING AIDS OR LANDMARKS FOR CHARTS

TO BE CHARTED  
TO BE DELETED

## STRIKE OUT ONE

# James K. Polk

29 June, 19 24

I recommend that the following objects which have ~~(have not)~~ been inspected from seaward to determine their value as landmarks be charted on ~~(attached from)~~ the charts indicated.

The positions given have been checked after listing by

# Electrostatics

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 the charts of the area and not by individual stations. Under each column heading should be given.

DEPARTMENT OF COMMERCE  
U. S. COAST AND GEODETIC SURVEY

**TO BE CHARTED  
TO BE CHARTED**

**STRIKE OUT ONE**

## NONFLOATING AIDS CRYSTALLINITIES FOR CHARTS

Washington, N. C.

27 Sept 1949

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

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

Tampa Photogrammetric Office

**E. R. Mc Carthy**

**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 the charts of the area and not by

48. GEOGRAPHIC NAME LIST.

ALLIGATOR RIVER - PUNGO RIVER CANAL

BACK LANDING BAY

\*BATEMAN CREEK  
BEAUFORT COUNTY

Broad Creek Point (use old name  
for point on South  
bank Pungo R;  
pending B&N  
decision re  
Satterfield)

CLARKE MILL CREEK

CORKENSON CREEK

CRABTREE BAY

~~\*\*CRABTREE CHURCH~~ - i

CURRITUCK TOWNSHIP

DIP CREEK

DRUM POINT

\*EBORN POINT

Fairfield Township (in conflict with section)

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

PANTEGO TOWNSHIP

PONZER

PONZER ROAD

POSTER CREEK

PUNGO RIVER

QUEEN CREEK

RUSSELL CREEK

\*\*RUTMAN CREEK (in conflict with Burgess Mill Cr - use old name  
Pending B&N decision)



48. GEOGRAPHIC NAME LIST (CONTINUED)

SATTERTHWAITE POINT (North bank Pungo R.)  
SCRANTON CREEK (B&N decision 1950)

SIGNAL POINT

SMITH CREEK

SMITH CREEK POINT

\*SOPHIE ISLAND CREEK

ST JOHN'S CHURCH

\*STYRON CREEK

Sophie Island (area of  
higher ground.)

TARKLIN CREEK

\*THE ISLANDS

U. S. 264

WILKERSON CREEK (B&N decision 1950)

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 Edit.

3-29-51.

L. Heck

O.K., 4-25-52, A.J.W.

REVIEW REPORT T-8971  
Topographic Map  
29 April 1952

62. Comparison with Registered Topographic Surveys:

T-1310	1:20,000	1873
T-5550	1:10,000	1934
T-5567	1:20,000	1934
T-6337	1:10,000	1935 (graphic control)
T-6338	1:10,000	1935 " "

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-6337 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° 28.4' 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. H. Naki*

K. H. Naki

L. V. Griffith  
Branch 7-22-53

H. Edmonston  
GFI

O. Reading

MS

Carl O. Heaton  
RT

History of Hydrographic Information  
Quadrangle T-8971  
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.C.&G.S. Hydrographic Surveys:  
H-5847 (1935) 1:10,000

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

*K. N. Maki*

K. N. Maki  
Div. of Photogrammetry  
20 May 1952