

9280



Diagram Chart No. 1231-2

Form 504

U. S. COAST AND GEODETIC SURVEY

DEPARTMENT OF COMMERCE

DESCRIPTIVE REPORT

Type of Survey TOPOGRAPHIC

Field No. PH-45(49) Office No. T9280

LOCALITY

State NORTH CAROLINA

General locality ALLIGATOR RIVER

Locality BUCK ISLAND

1948 - 53

CHIEF OF PARTY

Harry F. Garber, Chief of Field Party

J.E. Waugh, Tampa Photogrammetric Office

LIBRARY & ARCHIVES

DATE APRIL 27, 1955

B-1870-1 (1)

9280

DATA RECORD

Page 1

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Project No. (II): **Ph-45(49)** Quadrangle Name (IV):

Field Office (II): **Edenton, N. C.** Chief of Party: **Harry F. Garber**

Photogrammetric Office (III): **Tampa, Florida** Officer-in-Charge: **J. E. Waugh**

Instructions dated (II) (III):
15 September 1949
19 January 1950 (Supplement One)
15 May 1951 (Supplement Two)

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): **SEP 16 1952** Date reported to Nautical Chart Branch (IV): **SEP 24 1952**

Applied to Chart No. Date: Date registered (IV): **15 March 1955**

Publication Scale (IV): Publication date (IV):

Geographic Datum (III): **N. A. 1927** Vertical Datum (III): **M.S.L.**

Mean sea level except as follows:
Elevations shown as (25) refer to mean high water
Elevations shown as (5) refer to sounding datum
i.e., mean low water or mean lower low water

Reference Station (III): **ENTRANCE, 1935** ✓

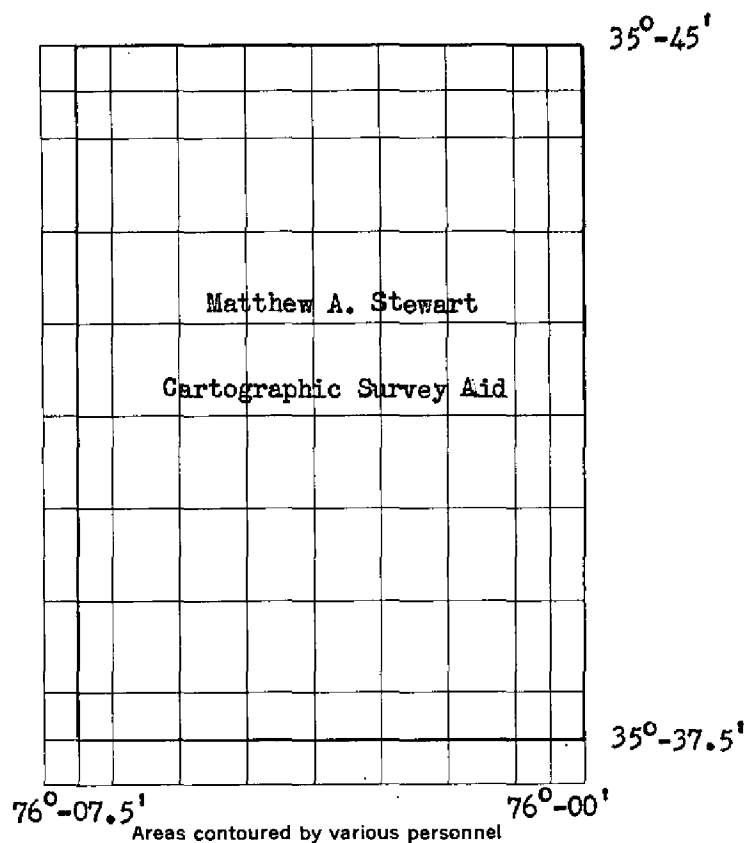
Lat.: **35° 40' 01".418 (43.7m)** ✓ Long.: **76° 06' 15".929 (400.6m)** ✓ Adjusted
~~coordinates~~

Plane Coordinates (IV): **Lambert** State: **N. Car.** 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): **Matthew A. Stewart,**
Cartographic Survey Aid

Date: **April, 1951**

Planetable contouring by (II): **Matthew A. Stewart,**
Cartographic Survey Aid

Date: **April, 1951**

Completion Surveys by (II): **James E. Hundley**

Date: **Feb.-
 1 March 1953**

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

~~Air Photo Compilation~~
Photographs Taken Dec. 1949

~~April 1952~~

Projection and Grids ruled by (IV): **L. B. D. (W.O.)**

Date: **9 July 1951**

Projection and Grids checked by (IV): **H. D. W. (W.O.)**

Date: **11 July 1951**

Control plotted by (III): **I. I. Saperstein**

Date: **20 Sept. 1951**

Control checked by (III): **R. J. Pate**

Date: **25 Sept. 1951**

Radial Plot ~~of Stereoscopic~~
~~by (III):~~ **M. M. Slavney**

Date: **11 Jan. 1952**

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

Date:

Date:

Manuscript delineated by (III): **R. E. Smith**

Date: **14 April 1952**

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

Date: **15 Aug. 1952**

Elevations on Manuscript
 checked by ~~JP~~ (III): **J. A. Giles**

Date: **14 Aug. 1952**

Camera (kind or source) (III): **USC&S Nine-lens 8 $\frac{1}{2}$ focal length
Fairchild Cartograph 6" Matrogon Lens Camera "O"**

PHOTOGRAPHS (III)

Number	Date	Time	Scale	Stage of Tide
22114	29 March 1948	1149	1:20,000	No periodic tide *
22115	"	1150	"	"
22116	"	1151	"	"
22117	"	1152	"	"
49-0-1717	5 Dec. 1949	1145	"	"
1718	"	1145	"	"
1719-	"	"	"	"
1721 incl.	"	1145	"	"
1730-	"	1215	"	inshore
1731-	"	1215	"	No periodic tide
1735 incl.	"	"	"	"

Tide (III)

~~No periodic tide~~

Reference Station:
Subordinate Station:
Subordinate Station:

* Tide less than $\frac{1}{2}$ foot. *ENTR*

Ratio of Ranges	Mean Range	Spring Range

Washington Office Review by (IV):

Everett H. Rawley

Date: 14 Apr 1954

Final Drafting by (IV):

Anna P. Berry

Date: 20 Sept 1954

Drafting verified for reproduction by (IV):

W.O. Hallum

Date: 11-15-54

Proof Edit by (IV):

Date:

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

39

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

30

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

2

Control Leveling - Miles (II):

7.6

Number of Triangulation Stations searched for (II):

29

Recovered:

14

Identified: 7

Number of BMs searched for (II):

3

Recovered:

0

Identified:

Number of Recoverable Photo Stations established (III):

1

Number of Temporary Photo Hydro Stations established (III):

0

Remarks:

NORTH CAROLINA, vicinity of Albemarle Sound



Summary to Accompany Topographic Map T-9280

Map T-9280 is one of eighteen similar maps of project Ph-45(49). It covers a portion of the Alligator River and adjacent land area in North Carolina and includes portions Dare, Hyde, and Tyrrell counties.

Project Ph-45(49) is a graphic compilation project. Field work in advance of compilation included the recovery and identification of control, complete field inspection of shoreline and interior features, the investigation of boundaries and geographic names, and the delineation of 5-foot contours directly on the photographs by planetable methods.

Map T-9280 was compiled at a scale of 1:20,000 using single-lens photographs taken in 1949 and a flight of nine-lens photographs taken in 1948 along the southern junction. It covers $7\frac{1}{2}'$ in latitude by $7\frac{1}{2}'$ in longitude. The map was field edited. After the addition of hydrographic information the map will be forwarded to the Geological Survey for publication as a standard topographic map.

Items registered under T-4280 will include the descriptive report, a copy of the map manuscript at a scale of 1:20,000 and a color print of the published map at a scale of 1:24,000.

FIELD INSPECTION REPORT
Quadrangle T-9280
Project Ph-45(49)

Harry F. Garber, Chief of Party

The field work for this quadrangle was done in accordance with Instructions for Ph-45(49) as listed on page 1. In addition to the phases shown on pages 2 and 3, the work was accomplished by the following personnel:

<u>Name and Title</u>	<u>Phase</u>	<u>Date</u>
Richard E. Conway, Jr.	Horizontal Control	March, 1951
Cartographic Survey Aid	Recovery, Identification	April, 1951
Richard L. McGlinchey	Shoreline Inspection	May, 1951
Cartographic Survey Aid		

2. AREAL FIELD INSPECTION

This quadrangle embraces that area around the south end of the Alligator River and includes the eastern section of the settlement of Gum Neck. The Intracoastal Waterway, running along the river into the Alligator-^{River}Pungo^{River} Canal, cuts the quadrangle diagonally northeast-southwest.

Other than the small cultivated area around Gum Neck in the western part of the quadrangle, the land area is predominantly swamp and water. Fishing and lumbering are the only industries. Some farming is done in the vicinity of Gum Neck but this is limited because of drainage difficulties.

There are no incorporated towns within the limits of the quadrangle.

No difficulty was encountered in interpretation of the photographs. The field inspection is believed to be complete.

3. HORIZONTAL CONTROL

All known horizontal control was searched for and reported on Form 526. A sufficient number of stations were identified to satisfy project instructions. An unusual number of stations along the shoreline of Alligator River have been destroyed. The ground is very soft and the shoreline is receding at a rapid rate. In many instances, stations, including reference marks and witness marks that were established in 1935, have completely washed away. Alligator River Light No. 54 was identified during field work on Ph-20(47) and the identification card submitted.

(b) No datum adjustments were made by this party. *

* All control on 1927 N.A. datum. ENR

(e) REEDY, 1935 was found destroyed. The monument was broken off and covered by 18 inches of water. However, the base of the monument was found and though no reference measurements could be taken to verify its original position, the station was identified for use in the radial plot. The accuracy of identification has been labeled as "doubtful".

Stations reported as lost or destroyed are:

REEDY, 1935
 ALL, 1935
 BEAR PT. 2, 1935
 CAMP 2, 1935
 COVE 2, 1935
 HUMP, 1935
 HYDE 2, 1935
 LAST 2
 NEWPORT NEWS 2, 1935
 NEWS, 1935
 ORANGE PT. 2, 1935
 POLE, 1935
 POPULAR 2, 1935
 TURN 2, 1935
 WHIPPING CREEK 2, 1935

4. VERTICAL CONTROL

Three tidal bench marks on the southern shore of Alligator River were found destroyed. They are:

T.B.M. No. 1, 1935 BEAR POINT (BEACON 18)
 T.B.M. No. 2, 1935 BEAR POINT (BEACON 18)
 T.B.M. No. 3, 1935 BEAR POINT (BEACON 18)

There is no other known vertical control within the quadrangle. The first and last fly-level points established by this party for control in contouring are 80-1 to 80-19. Control for these supplement elevations was carried in from a third-order level line along N. C. Highway No. 94.

5. CONTOURS AND DRAINAGE

Plane-table elevations were established directly on single-lens photographs. The entire quadrangle is below the 5-foot contour with the exception of two small areas in the vicinity of Gum Neck.*

* Also a 6-ft elevation near the Intracoastal Waterway. ENR

Drainage in the area is affected by the wind tides of Albemarle Sound and Alligator River. The numerous ditches scattered throughout the cultivated area will flood or dry out, depending on a sustained wind in any one direction. Normally, these ditches remain at one third level and drainage is very slight. In the large swamp areas, drainage is affected by seepage. See § 59

6. WOODLAND COVER

The coverage was classified in accordance with the Topographic Manual, Part II. Pine, gum, and cypress cover the entire wooded area. However, the two most predominant types were noted on the photographs in any one particular area. Reference is made to Paragraph 6 of Field Inspection Report, Quadrangle T-9154, regarding the line of demarkation between swamp and woodland. ENR

7. SHORELINE AND ALONGSHORE FEATURES

All shoreline was inspected and classified on the field photographs.

(a) All shoreline within the quadrangle is apparent shoreline.

(b) There is no periodic tide. Slight periodic tides in area. ENR

(d) No bluffs or cliffs exist.

(e) Docks, wharves, piers and landings are clearly discernible on the photographs and are so labeled.

(f) There are no submarine cables within the quadrangle.

(g) There are no offshore structures.

8. OFFSHORE FEATURES

Numerous fish stakes extend offshore in Alligator River. All obstructions and wrecks shown on charts Nos. 1231 and 831 were investigated and labeled on the chart. Practically all the offshore in Alligator River is foul with stumps and snags for approximately 50 meters out.

9. LANDMARKS AND AIDS

This is the subject of a special report, which includes all non-floating aids in Alligator River, a copy of which is part of the report for T-9157.

Copies of forms 567 for this survey are attached. ENR

10. BOUNDARIES, MONUMENTS AND LINES

See special report on boundaries, dated 10 May 1950, by Richard L. McGlinchey, Cartographic Survey Aid. *This report is filed with project data in the Div. of Photogrammetry. ENR*

11. OTHER CONTROL

Recoverable topographic stations established by this party are:

1950 ENR
Boundary Monument ~~No. 1~~ (Intracoastal Waterway)

12. OTHER INTERIOR FEATURES

Roads were classified in accordance with Topographic Manual, Part II. All buildings were inspected and classified in accordance with project instructions.

13. GEOGRAPHIC NAMES

This is the subject of a special report ^{*} by Merle W. Smith, Cartographic Survey Aid, to be submitted at a later date.

** Filed in the Geographic Names Section, Division of Charts. ENR*

14. SPECIAL REPORTS AND SUPPLEMENTAL DATA

Other than those reports mentioned in paragraphs 9, 10 and 13, there is no other data pertaining to this quadrangle.

8 August 1951

Submitted by:

Richard L. McGlinchey
Richard L. McGlinchey
Cartographic Survey Aid

8 August 1951

Approved by:

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

Photogrammetric Plot Report

This report covers surveys T-9154 through T-9158, T-9273 through T-9276 and T-9279 through T-9283. It is filed as part of the Descriptive Report for T-9158.

MAP T. 9280

PROJECT NO. PH-45(49)

SCALE OF MAP 1:20,000

SCALE FACTOR

STATION	SOURCE OF INFORMATION (INDEX)	DATUM	LATITUDE OR y -COORDINATE LONGITUDE OR x -COORDINATE	DISTANCE FROM GRID IN FEET. OR PROJECTION LINE IN METERS		DATUM CORRECTION	N.A. 1927 - DATUM DISTANCE FROM GRID OR PROJECTION LINE IN METERS		FACTOR DISTANCE FROM GRID OR PROJECTION LINE IN METERS	
				FORWARD	(BACK)		FORWARD	(BACK)	FORWARD	(BACK)
REEDY, 1935	Fairfield Quad	N.A. 1927	35 42 06.392 76 02 34.101	Put symbol on back in red			197.0 (1,652.2) 857.3 (651.1)		Sta destroyed. RM 2 Identified for plot only.	
LOW, 1935	"	"	35 41 26.054 76 07 21.730				803.0 (1,046.2) 546.4 (962.2)		Sta. disturbed. RM 2 RM 2 plotted	
BAY 2, 1935	"	"	35 39 56.318 76 04 27.586				1,735.7 (113.5) 693.8 (815.2)			
HOOK, 1935	"	"	35 40 37.816 76 00 35.742				1,165.5 (683.7) 898.8 (610.0)		Recovered in poor condition. RM 2 Not mapped.	
NEWS, R.M. 2, 1935	Photostat P.C.	"	719,027.50 2,879,587.47				9,027.50 (972.50) 9,587.47 (412.53)			
GRAPEVINE 2, 1935	G.Ps. Pge 295	"	35 43 55.013 76 02 24.187						1,695.5 (153.7) Disturbed. RM 2 plotted.	
ORANGE POINT 2 R.M.L., 1935	Photostat P.C.	"	740,378.03 2,876,188.14				378.03 (9,621.97) 6,188.14 (3,811.86)			
TRAM, 1935	Fairfield Quad	"	35 40 44.456 76 03 33.195						1,370.1 (479.1) 834.8 (674.1)	
DEEP POINT 2 R.M. 2, 1935	Photostat P.C.	"	712,361.78 2,873,061.22				2,361.78 (7,638.22) 3,061.22 (6,938.78)			
ENTRANCE, 1935	G.Ps. Pge 296	"	35 40 01.118 76 06 15.929						43.7 (1,805.4) 400.6 (1,108.4)	
LOW RM 2, 1935										
GRAPEVINE 2 RM 2, 1935										

Plotted in compilation office.

1 FT. = 3048006 METER

COMPUTED BY: I.I. Saperstein

DATE 18 Sept. 1951

CHECKED BY: M.M. Slavney

DATE 30 Sept. 1951

M. 2388-12

COMPILATION REPORT T-9280PHOTOGRAMMETRIC PLOT REPORT.

This report submitted with T-9158.

31. DELINEATION.

The graphic method was used. Due to poor scale, numerous detail points had to be established. The projector was used in some areas.

32. CONTROL.

The identification of the control points was good. Density and placement were satisfactory.

33. SUPPLEMENTAL DATA.

None used.

See §14.

34. CONTOURS AND DRAINAGE.

Reference Item 5.

No difficulty was encountered in the delineation of drainage.

35. SHORELINE AND ALONGSHORE DETAILS.

The shoreline inspection was adequate.

Reference Item 7.

36. OFFSHORE DETAILS.

No statement.

37. LANDMARKS AND AIDS.

Reference Item 9.

See §56

38. CONTROL FOR FUTURE SURVEYS.

One (1) recoverable topographic station is being submitted on Form 524 with this report. It has been listed under Item 49.

39. JUNCTIONS.

T-9274 to the north is in agreement.

T-9281 to the east is in agreement.

T-9279 to the west is in agreement.

T-8974 (Ph-20(47) to the south is in agreement except for vegetation which is to be corrected by the Washington Office.

40. HORIZONTAL AND VERTICAL ACCURACY.

No statement.

See §53

46. COMPARISON WITH EXISTING MAPS.

Comparison has been made with Planimetric Maps T-5569, scale 1:20,000, dated June 1935; and T-5573, scale 1:10,000, dated July 1935. They are in good agreement except for minor shoreline discrepancies.

See §62

47. COMPARISON WITH NAUTICAL CHARTS.

Comparison has been made with Chart 831, scale 1:40,000, published February 1943, second edition, corrected to 4 December 1950; and Chart 1231, scale 1:80,000, published November 1938, eighth edition, corrected to 2 December 1950. The maps listed under Item 46 were the source of the topography on the charts and the same statement applies.

See §65

ITEMS TO BE APPLIED TO NAUTICAL CHARTS IMMEDIATELY.

NONE

ITEMS TO BE CARRIED FORWARD.

NONE

Rexford E. Smith Jr
Rexford E. Smith, Jr., J.G.
Carto. Photo. Aid

APPROVED AND FORWARDED.

J. E. Waugh
J. E. Waugh, Chief of Party

FIELD EDIT REPORT
Project Ph-45(49)
Quadrangle T-9280

51. METHODS

The field edit of this area was accomplished by standard surveying methods in conjunction with visual inspection. The actual field work was completed in February, 1953.

Field edit data appears on the field edit sheet, discrepancy print, and in this report.

The reviewer's questions are answered on the discrepancy print when feasible.

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

52. ADEQUACY OF COMPILATION

The map compilation is adequate and will be complete after field edit revisions have been applied.

53. MAP ACCURACY

The horizontal accuracy of the map detail is relatively good. *See 516*
Refer to item 5 - Descriptive Report - relative to vertical accuracy.

54. RECOMMENDATIONS

None.

55. EXAMINATION OF PROOF COPY

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

GEOGRAPHIC NAMES - Refer to question on Discrepancy Print.

1. GUM NECK - This name applies to all inhabited portions of Gum Neck Township north of northwest fork of Alligator River.

56. AIDS TO NAVIGATION

Refer to item 9 - Field Inspection Report.

One additional fixed aid "ALLIGATOR RIVER DAYBEACON 43" was located by theodolite cuts and plotted on the field edit sheet. Forms 24A and 567 are submitted. *Copy of form 567 attached.*

Review Report
Topographic Map T-9280
14 April 1954

62. Comparison with Registered Topographic Surveys.-

T-285	1:20,000	1849
H-1315	"	1876
T-3437	"	1914
T-5569	"	1935
T-5573	1:10,000	1935
T-6370	1:20,000	1935
T-6371	1:10,000	1935

The shoreline has eroded as much as 100 meters since 1935. No significant cultural changes have occurred. Map T-9280 is to supersede the above surveys for nautical charting purposes for the area of this map.

63. Comparison with maps of other Agencies.- None

64. Comparison with Contemporary Hydrographic Surveys.- None

65. Comparison with Nautical Charts.-

831	1:40,000	1952	corr. to 53-6/15
1231	1:80,000	1938	corr. to 53-5/18

A wreck at Deep Point is shown as exposed on one part of Chart 831 whereas it is not shown at all in another part which overlaps. It is shown as "sunken" on Chart 1231. The field editor checked this area, but found no wreck. Other than this, there are no discrepancies with the charts. *Sec L. 570(50)*
Chart standard marked 4/1/55 - G.F.D.

66. Adequacy of Results and Future Surveys.- This map meets the National Standards of Map Accuracy and complies with project instructions.

Reviewed by:

Everett H. Ramsey
Everett H. Ramsey

APPROVED

L. C. Lande 16 Mar 1955
Chief, Review Branch
Div. of Photogrammetry

W. G. Ricketts
Chief, Div. of Photogrammetry

J. H. Commons
Chief, Nautical Chart Branch
Division of Charts GFI

Carl O. Weston B
Chief, Div. of Coastal Surveys

49. NOTES FOR THE HYDROGRAPHER

The following recoverable topographic station may be of use to the hydrographer:

BOUNDARY MK. ^{MON}~~1~~, 1950 (^{SHR}~~USED~~)

The following lights were plotted on the map manuscript (Register No. T-9280) from plane coordinates furnished by the Washington Office. Their geographic positions have been scaled and listed on Form 567:

ALLIGATOR RIVER LIGHT 28, 1951
ALLIGATOR RIVER LIGHT 31, 1951
ALLIGATOR RIVER LIGHT 37, 1951
ALLIGATOR RIVER LIGHT 39, 1951
ALLIGATOR RIVER LIGHT 46, 1951
ALLIGATOR RIVER LIGHT 54, 1951

" " DAYBEACON 43, 1953 ^{SHR}

48. GEOGRAPHIC NAME LIST.

- ALLIGATOR RIVER ✓
- ALLIGATOR RIVER - PUNGO RIVER CANAL ✓
- BEAR POINT ✓
- BUCK ISLAND ✓
- CLABBER POINT ✓
- CYPRESS POINT ✓
- DARE COUNTY ✓
- DEEP POINT ✓
- EAST LAKE TOWNSHIP ✓
- FAIRFIELD TOWNSHIP ✓
- GEORGIA BAY ✓
- GRAPEVINE BAY ✓
- GRAPEVINE LANDING ✓
- GRAPEVINE MARSH ✓
- GRASSY POINT ✓
- GUM NECK CREEK ✓
- GUM NECK LANDING ✓
- GUM NECK TOWNSHIP ✓
- HYDE COUNTY ✓
- INTRACOASTAL WATERWAY ✓
- LAKE LANDING TOWNSHIP ✓
- NEWPORT NEWS POINT ✓
- NORTH CAROLINA ✓
- POINT LOOKOUT ✓
- PINEY POINT ✓
- POPLAR RIDGE POINT ✓
- RATTLESNAKE BAY ✓
- STUMPY CREEK ✓
- STUMPY CREEK BAY ✓
- SWAN CREEK ✓
- SWAN CREEK LAKE ✓
- TUCKAHOE POINT ✓
- TYRRELL COUNTY ✓
- WHIPPING CREEK ✓
- WINN BAY ✓

Gum Neck (make adjacent to application of name on T9279)

Names underlined in red are approved, on basis of Project Names Report.

10-6-52

L. Heck

DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY

PHOTOGRAMMETRIC REVIEW SECTION

NONFLOATING AIDS OR BANDMARKS FOR CHARTS

**TO BE CHARTED
TO BE DELETED**

STRIKE OUT ONE

Tampa Photogrammetric Office, Tampa, Fla. 11 April 1952

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

The positions given have been checked after listing by **Barford E. Smith Jr., Carlo Turso M.D.**

J. E. Ward

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 field survey sheets. Information under each column heading should be given.

NONFLOATING AIDS OR LANDMARKS FOR CHARTS

TO BE CHARTED }
TO BE DELETED } STRIKE OUT ONE

Tampa Photogrammetric Office, Tampa, Fla. 21 August, 1953

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

Richard E. Smith, Jr.
Rexford E. Smith, Jr.

Chief of Party.

J. E. Maugh

STATE	NORTH CAROLINA	CHARTING NAME	DESCRIPTION	SIGNAL NAME	POSITION						METHOD OF LOCATION AND SURVEY No.	DATE OF LOCATION	HARBOR CHART	INSHORE CHART	OFFSHORE CHART	CHARTS AFFECTED
					LATITUDE *		LONGITUDE *		DATUM							
					°	'	°	'								
		ALLIGATOR RIVER DAYBEACON 43			35	40	76	03	19.31 595	36.62 921	N.A. 1927	Feb. 1953 Theodolite Feb. 1953		x		1231
													</			

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.

* TABULATE SECONDS AND METERS

History of Hydrographic Information for T-9280

Hydrography was added to the map manuscript in accordance with the general specifications of 18 May 1949.

Depth curves and soundings are in feet at mean low water datum and originate with the following sources:

Hydrographic surveys:

H-5914	1:10,000	1935
H-5915	"	"

Nautical chart 831, 1:40,000, 1952 corrected to 52-1/14.

Channel data was taken from this nautical chart.

The hydrography was compiled by Everett H. Ramey on 29 April 1954 and checked by O. Svendsen on 4 May 1954.

Everett H. Ramey
Everett H. Ramey

57. BOUNDARIES

Refer to item 10 - Field Inspection Report and to the publication entitled "The Formation of the North Carolina Counties" submitted to the Tampa Office with Boundary Report for Project Ph-61.

1. FAIRFIELD - LAKE LANDING TOWNSHIPS - See the field edit sheet for proper delineation of this boundary. According to Mr. George F. Davis, Hyde County Attorney, this line is correct as indicated. *

2. HYDE - DARE COUNTY LINE - According to Mr. George F. Davis, Hyde County Attorney, this line is correct as indicated on the field edit sheet. *

* Both lines ^{well} not defined by features or monuments. Shown as approximate. ^{ENR}

58. OTHER INTERIOR FEATURES

Refer to item 12 - Field Inspection Report.

All features labeled "Dismantled R.R." have been deleted. These features are of a temporary nature only. After these tram lines (dismantled railroads) have served the purpose of the lumber companies, who build them, the rails are removed and the lines soon become covered with vegetation.

59. DRAINAGE

Refer to item 5 - Field Inspection Report.

All "feeder" ditches have been deleted.

60. JUNCTIONS

Satisfactory junctions have been made with all adjacent contemporary quadrangles.

12 March 1953

Submitted by:

James E. Hundley
James E. Hundley
Cartographer

25 March 1953

Approved by:

Paul Taylor
Paul Taylor
Lt. Comdr., USCGS
Chief of Party

50.

PHOTOGRAMMETRIC OFFICE REVIEW

T- 9280

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. 7. Photo hydro stations XX 8. Bench marks J.G. 9. Plotting of sextant fixes XX 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 XX 16. Aids to navigation J.G. 17. Landmarks XX 18. Other alongshore physical features J.G. 19. Other along-shore cultural features J.G.

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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 William A. Rasure
Reviewer Supervisor, Review Section or Unit J.G.

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: