

9277



Diag. Cht. No. 1229

Form 504

U. S. COAST AND GEODETIC SURVEY

DEPARTMENT OF COMMERCE

DESCRIPTIVE REPORT

Type of Survey Topographic

Field No. Ph-45 (49) Office No. T-9277

LOCALITY

State North Carolina

General locality Croatan Sound

Locality Wanchese

194 53

CHIEF OF PARTY

Harry F. Garber, Chief of Field Party

Arthur L. Wardwell, Tampa Photogrammetric

Office.

LIBRARY & ARCHIVES

DATE JUNE 22, 1955

B-1870-1 (1)

2226

## DATA RECORD

T -9277

Project No. (II): **Ph-45(49)**      Quadrangle Name (IV):Field Office (II): **Manteo, N.C.**Chief of Party: **Harry F. Garber**Photogrammetric Office (III): **Tampa, Florida**Officer-in-Charge: **Arthur L. Wardwell**Instructions dated (II) (III): **15 September, 1949**  
**19 January, 1950 (Supplement one)**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):

**MAR 12 1952**

Date reported to Nautical Chart Branch (IV):

**MAR 17 1952**

Applied to Chart No.

Date:

Date registered (IV): **13 Apr 1955**

Publication Scale (IV):

Publication date (IV):

Geographic Datum (III): **N. A. 1927**Vertical Datum (III): **MSL**

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): **WANCH, 1933**Lat.: **35°52'09".120 (281.1m)**Long.: **75°39'02".749 (69.0m)**

Adjusted

~~unadjusted~~

Plane Coordinates (IV):

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.

All contouring done  
by  
Richard E. Conway Jr.  
Cartographic Survey And

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



Camera (kind or source) (III): Fairchild Cartographic - 6" Metrogon Lens

Number	Date	Time	Scale	Stage of Tide
0-1742	12-5-49	1:40	1:20,000	No periodic Tide *
0-1743	12-5-49	1:40	"	"
0-1747	12-5-49	13:00	"	"
0-1748	12-5-49	13:00	"	"
0-1786	12-5-49	13:30	"	"
0-1787	12-5-49	13:30	"	"
0-1789	12-5-49	13:30	"	"
0-1790	12-5-49	13:30	"	"
0-1791	12-5-49	13:30	"	"

## Tide (III)

Reference Station:

Inapplicable \*

Subordinate Station:

Subordinate Station:

\* Less than 1/4 foot. EHR

Washington Office Review by (IV):

Everett H. Ramey

Final Drafting by (IV):

Anna P. Berry

Drafting verified for reproduction by (IV):

W.O. Hallum

Proof Edit by (IV):

Everett H. Ramey

Land Area (Sq. Statute Miles) (III): 15

Shoreline (More than 200 meters to opposite shore) (III): 24

Shoreline (Less than 200 meters to opposite shore) (III): 6.4

Control Leveling - Miles (II): 4 miles Third Order

Number of Triangulation Stations searched for (II): 5

Number of BMs searched for (II): 4

Number of Recoverable Photo Stations established (III): 7

Number of Temporary Photo Hydro Stations established (III):

Recovered: 5

Recovered: 4

None

Ratio of Ranges	Mean Range	Spring Range

Date: 18 Jan 1954

Date: 9 Jan 1955

Date: 10 Jan 1955

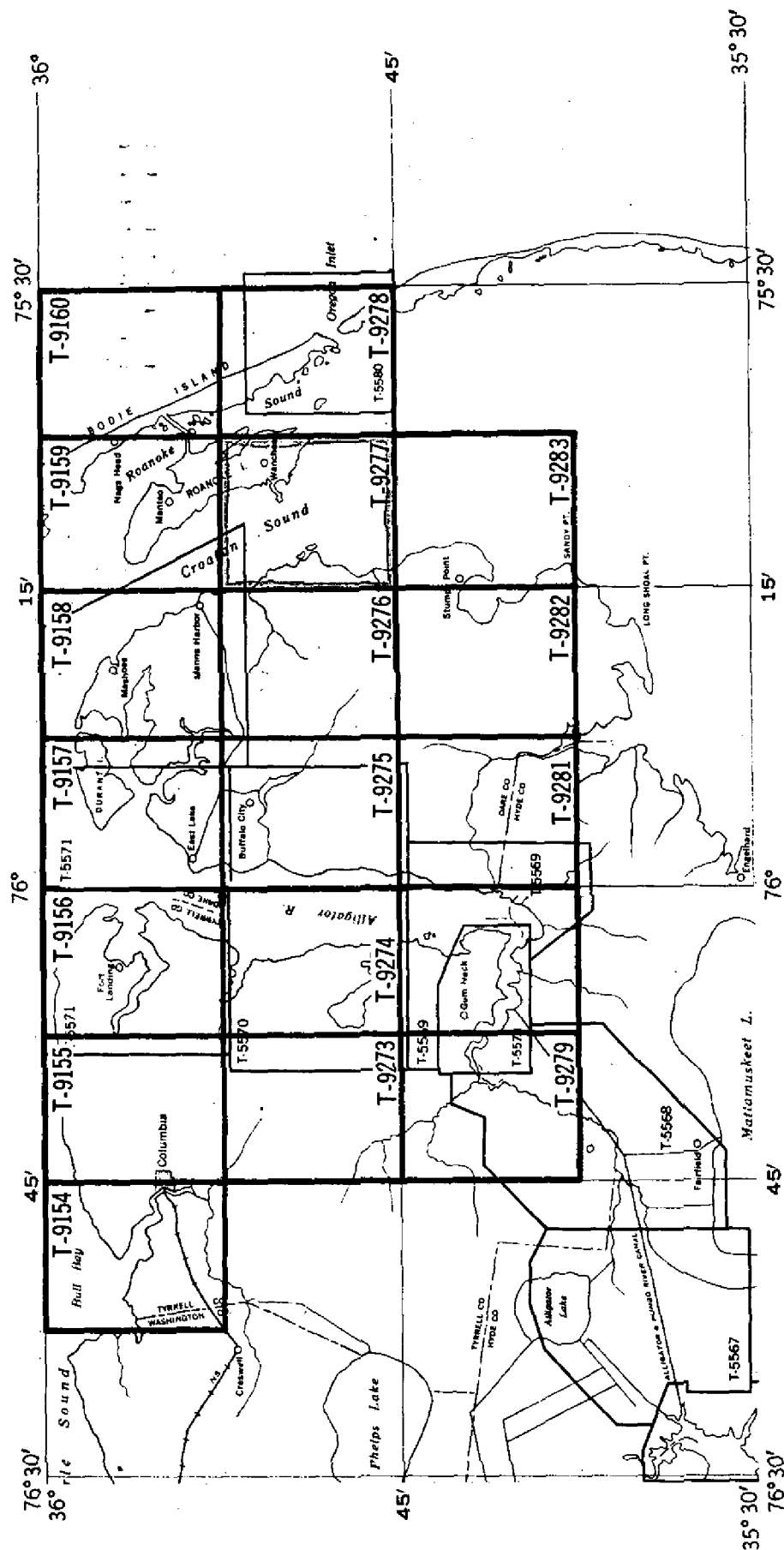
Date: 25 Feb 1955

Identified: 3

Identified:

Remarks:

**NORTH CAROLINA, Vicinity of Albemarle Sound**



## Summary to Accompany Topographic Map T-9277

Map T-9277 is one of eighteen topographic maps in project Ph-45(49). It covers a portion of Croatan Sound and some land area on both sides of the Sound — all within Dare County.

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

Map T-9277 was compiled at a scale of 1:20,000 using single-lens aerial photographs taken in 1949. The map was field edited. After the addition of hydrography the map will be forwarded to the Geological Survey for publication as a standard  $7\frac{1}{2}'$  topographic quadrangle map.

Items registered under T-9277 will include a descriptive report, a lithographic print of the map manuscript at a scale of 1:20,000 and a copy of the published map at a scale of 1:24,000.

FIELD INSPECTION REPORT  
QUADRANGLE T-9277  
Project Ph-45(49)

Harry F. Garber, Chief of Party

The field work for this quadrangle was done in accordance with the Director's Instructions, Project Ph-45(49) dated 15 September 1949 and Supplement One Instructions dated 19 January 1950. In addition to contouring as indicated on Page 2 the field work was accomplished by:

<u>Name and Title</u>	<u>Phase</u>	<u>Dates</u>
Ralph G. Holland Topographic Engineer	Horizontal and Vertical Control Recovery, Interior Inspection, Shoreline, Third Order Levels and Supplementary Horizontal Control	May 1950

## 2. AERIAL FIELD INSPECTION

This quadrangle lies in Dare County, North Carolina and covers the southern portion of Croatan Sound and an area of land to the east and west of Croatan Sound.

The chief occupation is fishing and hunting.

There are no incorporated towns or villages within the limits of this quadrangle. Wanchese is a small fishing village that lies in the south central section of Roanoke Island and is the only settlement in this area.

The land area in this quadrangle is mostly of low marshland except for the higher terrain located in the south central section of Roanoke Island at Wanchese and vicinity. There is some swamp land located on the mainland at the southwestern limits of the quadrangle.

The southern portion of Roanoke Island located in this quadrangle is served by one primary highway from the north (State Highway No. 345) terminating in Wanchese. There is a fair system of secondary roads serving the higher terrain in Wanchese and vicinity. See 568

The quality of the photographs is satisfactory except at the southwestern end of Roanoke Island. There is not sufficient photograph coverage in this area.

The field inspection is believed to be complete.

### 3. HORIZONTAL CONTROL

(a) A ~~fourth~~ <sup>less than third</sup> order position on topographic station OLGA, 1950 was determined by a three point fix to supplement the horizontal control in lieu of DARE R. M., 1909.

(b) No datum adjustments was made by the field party.

(c) No stations of agencies other than USC&GS were recovered.

(d) Sufficient stations were identified to satisfy project instructions.

(e) All Coast and Geodetic stations were searched for and reported on Form 526.

See 967

(f) All stations except CEDAR R. M. No. 1, 1933 were **positively** identified. CEDAR R. M. No. 1 could not be positively identified due to lack of photography.\*

\* Identified on one photograph. ENR

### 4. VERTICAL CONTROL

(a) The following third order bench marks were established by this party. No field adjustment was made.

J-249, 1949  
K-249, 1949  
Wanch, 1933  
Wanch R. M. No. 1, 1933

(b, c)

(d) Inapplicable

## 5. CONTOURS AND DRAINAGE

Contouring was done directly on single lens photographs by standard planetable methods at a contour interval of five feet.

Most of the area on Roanoke Island is marshland and in the vicinity of Wanchese, elevations run above 10 feet. The drainage is indefinite but in general it runs east and west from Highway 345.

On the west and mainland side of the quadrangle, the area is all marshland and there are no contours. Average elevations run between one and three feet. Two creeks in the northern part of the quadrangle, Callagan and Spencer, and a canal in the southern part, tend to drain the area. These creeks are navigable only to skiffs and small fishing craft.

## 6. WOODLAND COVER

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

## 7. SHORELINE AND ALONGSHORE FEATURES

(a, b) There is very little periodic tide in this area. The fluctuation of the water level is due principally to the wind, the mean high water line and the low water line are nearly synonymous.

(c) The shoreline is generally apparent, however, changes to fast ground have been indicated on the photographs.

(d) There are no alongshore bluffs.

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

(f) There are no known submarine cables within the limits of this quadrangle.

## 8. OFFSHORE FEATURES

There are no offshore features requiring further investigation. *See §65*

## 9. LANDMARKS AND AIDS

(a) Landmarks and non-floating aids to navigation are listed on Form 567.

The most significant aid in this area is the Roanoke Marshes Lighthouse.

10. BOUNDARIES MONUMENTS AND LINES

For legal descriptions of all boundaries in this project see  
 "Special Boundary Report" submitted by Mr. R. L. McGlinchey. \*

*\* Filed in Div. of Photogrammetry under project data.*

11. OTHER CONTROL

Recoverable Topographic Stations established are:

OLGA, 1950 ✓	KEEP, 1950 ✓
GABLE, 1950 ✓	STACK, 1950
GAIN, 1950 ✓	GABLE, 1950
GABE, 1950 ✓	CAMP, 1950 ✓
GABLE <sup>ERR</sup>	

*See § 38*

12. OTHER INTERIOR INSPECTION

Roads and buildings were classified in accordance with instructions.  
 There are no bridges over navigable waters in this quadrangle.

13. GEOGRAPHIC NAMES

This special report will be submitted by Mr. R. L. McGlinchey. \*

*\* Report by Merle W. Smith. Filed in Geo. Names Sect., Div. of Charts.*

14. SPECIAL REPORT AND SUPPLEMENTAL DATA

Except for items 10 and 13 above, there are no special reports for this sheet.

2 June 1950  
 Submitted by:

*Harry F. Guler*  
 For Ralph G. Holland  
 Topographic Engineer

## Photogrammetric Plot Report

This map was compiled from control furnished by two photogrammetric plots. The plot report for the area of this map east of Croatan Sound is filed as part of the Descriptive Report for T-9159. The plot report for the area of this map west of Croatan Sound is filed as part of the Descriptive Report for T-9158.

MAP T- 9277

PROJECT NO. Ph-45(49)

SCALE OF MAP 1:20,000

SCALE FACTOR **None**

1 of 1

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  
FORWARD (BACK)

TOR DISTANCE  
OR PROJECTION LINE  
IN METERS  
ARD (BACK)

WANCH, 1933

.P. 218

N.A.  
1927

35	52	09.120
75	30	03.510

100

28

281.1 (1.568.1)

ROANOKE MARSHES  
LIGHTHOUSE, 1933

11

11

75	1.2	01-573
----	-----	--------

DARE RM, 1909

二

#

35	50	12.367
----	----	--------

**Put on back in  
red ink**

၆၆၇

81.2 (1,468.0)

CEDAR RM1, 1933

COMP.

11

35	49	48.527
75	40	28.824

11

1

676

195.6 ( 353.6)

Recovered as  
disturbed.

1 FT = 3048006 MICRONS

COMPUTED BY: **W.W. Dawsey**

DATE \_\_\_\_\_

17 August 1950

CHECKED BY: **I. I. Saperstein**

DATE.....6 Dec. 1950.....

M. 2388.12

COMPILATION REPORT T-9277PHOTOGRAMMETRIC PLOT REPORT.

Submitted with T-9159.

31. DELINEATION.

Compiled by graphic methods. Due to the unusually poor scale of the photographs, the projector was used in the area of ROANOKE ISLAND.

32. CONTROL.

Control points, established by the radial plot, were satisfactory with reference to identification, density and placement.

33. SUPPLEMENTAL DATA.

None.

34. CONTOURS AND DRAINAGE.

No difficulty was encountered in the delineation of contours or drainage.

35. SHORELINE AND ALONGSHORE DETAILS.

The shoreline inspection was adequate and complete. No difficulty was encountered in delineation. For Low-Water line information, refer to Item 7.

36. OFFSHORE DETAILS.

No statement.

37. LANDMARKS AND AIDS.

No unusual method was used.

38. CONTROL FOR FUTURE SURVEYS.

Seven recoverable topographic stations are being submitted on Form 524 with this report. Two topographic stations submitted by the field party for this quadrangle fall on T-9276 and T-9278. Topographic Station EAST, 1950, submitted with T-9278, falls on this quadrangle.

Refer to Item 49.

39. JUNCTIONS.

T-9278 East - in agreement.  
T-9159 North - in agreement.  
T-9283 South - in agreement.  
T-9276 West - in agreement.

40. HORIZONTAL AND VERTICAL ACCURACY.

No statement required.

See §66

46. COMPARISON WITH EXISTING MAPS.

No existing maps for comparison.

See §62 & §63

47. COMPARISON WITH NAUTICAL CHARTS.

A comparison has been made with USC&GS Nautical Chart No. 1229, scale 1:80,000, published December 1942, corrected December 1950. They are in agreement except for small changes in shoreline around Roanoke marshes.

See §65

ITEMS TO BE APPLIED TO NAUTICAL CHARTS IMMEDIATELY.

None.

ITEMS TO BE CARRIED FORWARD.

None.

APPROVED AND FORWARDED:

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

Arthur L. Wardwell  
Arthur L. Wardwell  
Chief of Party

49. NOTES FOR THE HYDROGRAPHER.

The following topographic stations may be useful for the hydrographer:

CAMP, 1950 .

~~GABLE~~  
~~GABE~~, 1950 .

GABLE, 1950 .

GAIN, 1950 .

KEEP, 1950 .

OLGA, 1950 .

EAST, 1950 .

FIELD EDIT REPORT  
Project Ph-45(49)  
Quadrangle T-9277

51. METHODS

The field edit for this area was accomplished by traversing, via truck, all roads, and walking to other areas in which the reviewer requested information. 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 noted on the discrepancy print, the field edit sheet and field photographs 49-0-1748, 1790A, 1791A and 1742.

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

The actual field work was accomplished intermittently during March, 1953.

52. ADEQUACY OF COMPILATION

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

See §66

53. MAP ACCURACY

The horizontal accuracy of the map detail is good.

Contouring was completed along the spoil bank of one canal south of Roanoke Marshes. This canal extends west into quadrangle T-9276. The highest elevation found was seven (7) feet.

54. RECOMMENDATIONS

None.

55. EXAMINATION OF PROOF COPY

It is believed that Mr. Melvin R. Daniels, Manteo, N. C. Registrar of Deeds, Dare County, or Mr. David Cox, Jr., Hertford, N.C. Registered Land Surveyor, are best qualified to examine a proof copy of this map.

A spot check of Geographic Names was made and found to be in excellent agreement with the Geographic Name List.

Reference Item 48, Field Inspection Report.

A thorough investigation was made of LONG WRETCH CREEK. This is a well established name to fishermen of Wanchese, Manns Harbor and Stumpy Point. The feature is a popular fishing ground and this name is recommended for mapping. Some of the persons contacted, verifying this name, are:

Mr. T. R. Tillett	Wanchese, N. C.	Fisherman
Mr. Tom Tillett	Manns Harbor, N. C.	"
Mr. Hugh C. Craddock	" " "	Fisherman and guide.
Mr. D. M. Gray	" " "	Fisherman.

56. JUNCTIONS

Satisfactory junctions have been made with T-9159 on the north, T-9278 on the east, T-9283 on the south and T-9276 on the west.

2 April 1953  
Submitted by:

*Richard L. McGlinchey*  
Richard L. McGlinchey, *by P.T.*  
Cartographic Survey Aid

10 April 1953  
Approved by:

*Paul Taylor*  
Paul Taylor  
Lt. Comdr., USC&GS  
Chief of Photo. Party #1

49.

## PHOTOGRAMMETRIC OFFICE REVIEW

T- 9277

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 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 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.

## PHYSICAL FEATURES

20. Water features J.G. 21. Natural ground cover J.G. 22. Planetable contours J.G. 23. Stereoscopic instrument contours XX 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 XX 30. Other cultural features J.G.

## BOUNDARIES

31. Boundary lines J.G. 32. Public land lines XX

## 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 William A. Rasure

Reviewer

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

by Tampa ENR

Review Report  
Topographic Map T-9277  
18 January 1954

62. Comparison with Registered Topographic Surveys.-

T-826	1:20,000	1861
T-933	"	1864
T-1385	"	1875
T-2952	"	1909

The shoreline has eroded in some places as much as several hundred meters since these surveys were made. Also, many cultural changes have occurred. T-9277 supersedes the prior surveys for nautical charting for the areas covered by T-9277.

63. Comparison with Maps of Other Agencies.-

Roanoke Island, N.C. (USE) 1:125,000 1943

A comparison between the above map and T-9277 reveals some differences in the position of shoreline and delineation of streams, although the vast difference in scale prohibits a comprehensive comparison.

64. Comparison with Contemporary Hydrographic Surveys.-

There are no contemporary hydrographic surveys of the area of T-9277.

65. Comparison with Nautical Charts.-

1229 1:80,000 1942 corr. to 53- 8/24

Two foreshore areas on the chart at lat.  $35^{\circ} 48.5'$ , long.  $75^{\circ} 40.0'$  and lat.  $35^{\circ} 49.3'$ , long.  $75^{\circ} 40.9'$  were not covered by the photographs. <sup>otherwise</sup> The shoreline shown on T-9277 should be applied to the chart. The shoreline changes are not critical to navigation.

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

67. Horizontal Control.- Oyster Creek Light and Oyster Creek Daybeacon in Croatan Sound west of the village of Wanchese, ~~Florida~~ <sup>North Carolina</sup> were located by field parties in 1950 by theodolite observations from a topographic station and the reference mark of a triangulation station. The Oyster Creek Daybeacon falls at the position of the triangulation station "Wanchese Beacon 1933". It is presumed that the two beacons are the same but that the Wanchese Beacon has been renamed Oyster Creek Daybeacon. There is a possibility, however, that the beacon has been rebuilt or moved since 1933, therefore, the beacon has been shown on this map as a topographic station.

Page 2  
T-9277

68. Roads: The terminus for North Carolina 345 was not clearly indicated during the field inspection or the field edit. NC 345 and NC 345A as shown on the map manuscript were taken from the Dare County highway map of 1949 by the North Carolina Highway Department.

Reviewed by:

Everett H. Ramey  
Everett H. Ramey

APPROVED

L. C. Lande  
Chief, Review Branch  
Div. of Photogrammetry

P. W. Swanson  
Chief, Div. of Photogrammetry *MSR*  
*June 24, 1958*

H. R. Edmonson  
Chief, Nautical Chart Branch  
Division of Charts *CFD*

Carl O. Heston  
Chief, Div. of Coastal Surveys

48. GEOGRAPHIC NAME LIST.

- . . BAUM CREEK ✓
- . . BAUMTOWN ✓
- . . BAUMTOWN ROAD ✓
- . . BETHANY CHURCH ✓
- . . BROAD CREEK ✓
- . . CALLAGHAN CREEK ✓
- . . CEDAR BUSH BAY ✓
- . . CROATAN SOUND ✓
- . . CROATAN TOWNSHIP ✓
- . . Cut Through ✓
- . . DARE COUNTY ✓
- . . HOG ISLAND ✓
- . . HOG ISLAND CREEK ✓
- . . KENNEKEET TOWNSHIP ✓
- . . \* LONG WRETCH CREEK ✓ (name approved 1-13-54)  
L.H.
- . . NAGS HEAD TOWNSHIP ✓
- . . NORTH CAROLINA ✓
- . . OYSTER CREEK ✓
- . . ROANOKE ISLAND ✓
- . . ROANOKE MARSHES ✓
- . . STATE 345 ✓ See § 58
- . . WANCHESE ✓

- . . Sand Beach Creek ✓

\* To be checked by Field Editor.

(See § 55)

Names finally approved  
1-13-54. L. Heck



DEPARTMENT OF COMMERCE  
U. S. COAST AND GEODETIC SURVEY

## NONFLOATING AIDS OR LANDMARKS FOR CHARTS

~~TO BE DELETED~~

**STRIKE OUT ONE**

Washington, D. C. 5 June 1952

to 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

S. J. Hathorn

S. V. Griffith

*Chief of Party.*

STATE	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							
				°	'	D. M. METERS	°		'						
	LIGHT	Oyster Creek		35	50	662.0	75	39	1329.4	NA 1927	Theod. T-9277	1950	X		1229
	BEACON	Oyster Creek		35	50	751.0	75	40	203.0	"	" T-9277	1933*	"		"
		* Positioned in 1950. Position apparently coincides with 1933 $\Delta$ position													
		No sufficient investigation was made to show that aid has not been moved or rebuilt. EHR													
		CC:													
		NAUTICAL CHART BRANCH													
		COAST PILOT													

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

History of Hydrographic Information  
for T-9277

Hydrography was added to map T-9277 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 C&GS hydrographic surveys:

H-1180	1:20,000	1873
H-1862	"	1887
H-3772	"	1915-17

and Nautical Chart 1229, 1:80,000, 1942 corrected to 53-8/24.

Hydrography was compiled by Everett H. Ramey on 2 March 1954 and verified by O. Svendsen on 12 March 1954.

*Everett H. Ramey*  
Everett H. Ramey

## NAUTICAL CHARTS BRANCH

SURVEY NO. 9277

### Record of Application to Charts

[illegible]

M-2168-1

A basic hydrographic or topographic survey supersedes all information of like nature on the uncorrected chart. Give reasons for deviations, if any, from recommendations made under "Comparison with Charts" in the Review.