

# 8985

ORIGINAL

Diag. Cht. Nos. 1110, 1231-2 & 1232

Form 504

## U. S. COAST AND GEODETIC SURVEY

DEPARTMENT OF COMMERCE

### DESCRIPTIVE REPORT

Type of Survey TOPOGRAPHIC

Field No. \_\_\_\_\_ Office No. T-8985

#### LOCALITY

State NORTH CAROLINA

General locality PAMLICO SOUND

Locality MIDDLETOWN

1951

#### CHIEF OF PARTY

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

Office

LIBRARY & ARCHIVES

DATE \_\_\_\_\_

8985

## DATA RECORD

T-8985

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

Field Office (II): Washington, North Carolina

Chief of Party: E. R. McCarthy

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

Inapplicable

Date received in Washington Office (IV): 12-13-49      Date reported to Nautical Chart Branch (IV):

Applied to Chart No.

Date:

Date registered (IV): 12 Jan '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 water

Reference Station (III): Mt. Pleasant, 1933

Lat.:  $35^{\circ} 24' 56''$  502(1,741.3m)      Long.:  $76^{\circ} 04' 59''$  484(1,500.7m)Adjusted  
Unadjusted

Plane Coordinates (IV): Lambert

State: N.C.

Zone:

Y= 618 968.68

X= 2 868 935.37

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.





## DATA RECORD

Field Inspection by (II): Elmer L. Williams, Cartographer	Date: 11 March 1949 to 1 June 1949
Planetable contouring by (II): Elmer L. Williams, Cartographer	Date: 11 March 1949 to 1 June 1949
Completion Surveys by (II): <b>James E. Hundley</b>	Date: <b>10 Aug 1951</b>
Mean High Water Location (III) (State date and method of location):	29 March 1948 Aerial photography
Projection and Grids ruled by (IV): W. E. W. (W.O.)	Date: 29 June 1948
Projection and Grids checked by (IV): W. E. W. (W. O. )	Date: 29 June 1948
Control plotted by (III): B. F. Lampton	Date: 13 October 1948
Control checked by (III): R. R. Wagner	Date: 19 October 1948
Radial Plot or <del>Stereoscopic</del> <del>Control extension</del> by (III): M. M. Slavney	Date: 13 April 1950
Planimetry	Date:
Stereoscopic Instrument compilation (III):	Date:
Contours	Date:
Inapplicable	
Manuscript delineated by (III): J. C. Richter	Date: 30 August 1950
Photogrammetric Office Review by (III): J. A. Giles	Date: 6 October 1950
Elevations on Manuscript checked by (II) (III): J. A. Giles	Date: 3 October 1950



Camera (kind or source) (III): U. S. Coast & Geodetic Survey - Nine-lens 8 $\frac{1}{4}$ " Focal length.

Number	Date	Time	Scale	Stage of Tide
22167	3-29-48	1319	1:20,000	No periodic tide *
22168	3-29-48	1320	"	
22210	3-29-48	1433	"	
22211	3-29-48	1435	"	

## Tide (III)

No periodic tide \*

Reference Station:  
Subordinate Station:  
Subordinate Station:

Ratio of Ranges	Mean Range	Spring Range

Washington Office Review by (IV): *Everett H. Ramey*Date: *17 Dec 1951*Final Drafting by (IV): *Geo. Survey*

Date:

Drafting verified for reproduction by (IV):

Date:

Proof Edit by (IV): *Everett H. Ramey*Date: *17 May 1952*

Land Area (Sq. Statute Miles) (III): *43*  
Shoreline (More than 200 meters to opposite shore) (III): *24*  
Shoreline (Less than 200 meters to opposite shore) (III): *17*  
Control Leveling - Miles (II): *22.2*  
Number of Triangulation Stations searched for (II): *21*  
Number of BMs searched for (II): *0*  
Number of Recoverable Photo Stations established (III):  
Number of Temporary Photo Hydro Stations established (III):

Recovered: *19* Identified: *11*  
Recovered: *0* Identified: *0*

## Remarks:

- 4 Third order B.M.'s established.  
2 Third order B.M.'s established on triangulation. stations.

\* The periodic tide is negligible. *ENR*



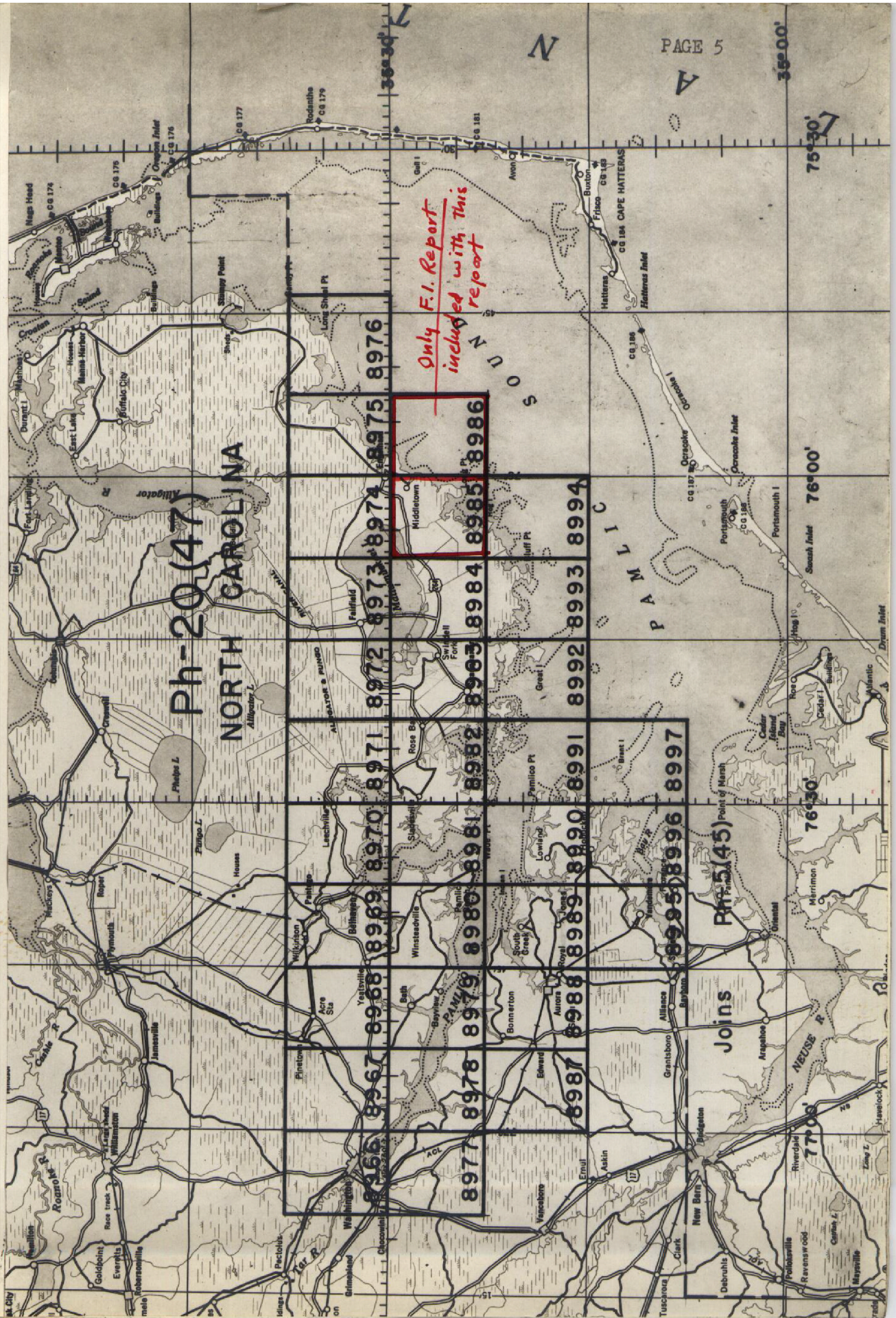
A

Only F.I. Report  
included with this  
report

Ph-20(47)  
NORTH CAROLINA

Ph-5(45)

Joins





### Summary to Accompany T-8985

Topographic map T-8985 is one of 32 similar maps of Project Ph-20(47) and is located in the eastern part of the project. It covers Wysocking Bay in Pamlico Sound and some land area adjacent.

Project Ph-20(47) is a graphic compilation project. Operations which preceded compilation included complete field inspection, the recovery and identification of horizontal control and the delineation of contours on the photographs by planetable methods.

The map was compiled at a scale of 1:20,000 and covers  $7\frac{1}{2}'$  in latitude by  $7\frac{1}{2}'$  in longitude. The entire map was field edited. After the addition of hydrographic data by the Nautical Chart Branch, the map will be published by the Geological Survey as a standard topographic quadrangle.

Items registered under T-8985 will include a cloth-mounted lithographic print of the manuscript at a scale of 1:20,000, a cloth-mounted color print at a scale of 1:24,000 and the descriptive report.

## FIELD INSPECTION REPORT

Quadrangles T-8985-6

35-22.5/30.0 76-00/07.5 (85)

35-22.5/30.0 75-52.5/60.0 (86)

Project Ph-20 (47)

E. R. McCarthy, Chief of Party

The field work for these quadrangles was done in accordance with the Director's Instructions, Project Ph-20(47), Field, dated 23 July, 1948, and other instructions as noted herein. All field work was done by the following personnel:

<u>Name and Title</u>	<u>Phase</u>	<u>Date</u>
M. A. Stewart Cartographic Survey Aid.	Third order levels	
E. L. Williams Cartographer	Horizontal control recovery Field Inspection Fly levels Contours.	18 February 1949 through 22 June 1949

This report is written in accordance with Chapter 7, Paragraph 724, of the preliminary edition of the Topographic Manual dated June, 1949.

## 2. AREAL FIELD INSPECTION

One third of the area is under cultivation, one third is marsh along Mattamuskeet Lake and Pamlico Sound, and the remaining third is these two bodies of water.

Farming is the chief occupation. The land is very fertile. Drainage, by means of many ditches and canals, is and has always been the most difficult problem of the farmer. In the early 1700's a canal known as Great Canal was dug by slave labor and followed a cow path from Wysocking Bay to Mattamuskeet Lake. It is still in use and is now called Gray Ditch. Evidences of farming in the woods and uncultivated open areas bear witness to the farmers' desire to exploit the land's basic fertility. Land which was ditched and cultivated too close to Pamlico Sound soon had to be abandoned because of impregnation of the land with salt from the waters of the Sound. At other places inshore farming was abandoned because of sub-surface fires in the peaty soil. In the 1920's Mattamuskeet Lake was drained in an attempt to practice large scale mechanised farming. Although the soil proved to be as fertile as that of the Nile Valley, the plan failed because of engineering and financial difficulties. A small portion of the drained area may still be seen along the edge of the Lake in this quadrangle and is now cultivated by the U.S. Fish & Wildlife Service to supply additional forage for water fowl and game.



In addition to the U. S. Wildlife Service Mattamuskeet Refuge, there is a state owned untended and unimproved game refuge at Gull Rock.

*See item 57*

Middletown is the largest of four unincorporated villages. United States Highway #264 is the only through highway, but the areas under cultivation are well traversed by improved secondary roads.

Field work was complicated by clouds obscuring detail in the center of one of the photographs.

The field inspection is believed to be complete.

### 3. HORIZONTAL CONTROL

(c) Stations not established by the Coast & Geodetic Survey are:

#### T-8985

<u>Station</u>	<u>Agency</u>	<u>Order</u>
A-1	Corps of Engineers	Third (traverse)
A-2	" "	"
B-1	" "	"
B-2	" "	"
C-1	" "	"
C-2	" "	"
63	North Carolina Geodetic Sur.	Unknown
66	" " " "	"
255	" " " "	"
256	" " " "	"

#### T-8986

None.

These stations are on the N.A. 1927 Datum.

(e) Stations reported as "Lost" on Form 526.

#### T-8985

YESOCKING, 1874  
GULL BEACON, 1933

*See item 58*

#### T-8986

None.



4. VERTICAL CONTROL

(a) (5) Third order Bench Marks established by this party are:

T-8985

63 NCGS	H 246, 1949
66 NCGS	J 246, 1949
G 246, 1949	F 246, 1949

T-8986

Inapplicable.

(b) Twenty-two miles of fly levels were run to supplement existing control. All <sup>was a</sup> ~~contours~~ <sup>elevations</sup> which averaged over .01 feet per set up in error were adjusted by prorating the error through the line.

T-8985

The first and last level points were 85-01 and 85-47.

T-8986

Fly levels in T-8985 were used to control Topography.

5. CONTOURS AND DRAINAGE

All contouring was done by planetable methods directly on nine-lens photographs.

Drainage is by numerous small ditches leading to larger ditches or canals which drain into Mattamuskeet Lake or Pamlico Sound.

*See Memo. by Chief of Party, attached to this report*

6. WOODLAND COVER

The cover was classified in accordance with the Preliminary Edition of the Topographic Manual, Part II, dated June, 1949, Chapter 5, Paragraph #5433.

7. SHORELINE AND ALONGSHORE FEATURES

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



(b) Pamlico Sound has no periodic tide, consequently MLWL is the same as MHWL. *See Remarks in Data Record.*

#### 8. OFFSHORE FEATURES

Inapplicable.

#### 9. LANDMARKS AND AIDS

There are no landmarks in the quadrangle. Positions of fixed Aids to Navigation are submitted on Form 567 which accompanies this report.

#### 10. BOUNDARIES, MONUMENTS, AND LINES

This is covered in a "Special Boundary Report", which was submitted by Wilbur A. Nelson on 14 February, 1949, and a supplemental report which will be submitted at a later date by A. J. Wraight.

*Both reports filed in the Div. of Photogrammetry. See item 57*

#### 11. OTHER CONTROL

Recoverable Topographic Stations established are:

T-8985

T-8986

1. JOYS, 1949
2. HUMP, 1949
3. SLOT, 1949

1. GUMP, 1949

#### 12. OTHER INTERIOR FEATURES

A prominent natural feature in this quadrangle is the relatively high ridge which parallels the edge of Mattamuskeet Lake. Between the ridge and the Lake the gradual slope of the land is broken by a conspicuous one foot drop at the five foot contour. This is known in local property deeds and by natives as "The Lake Wash", and is said to parallel the entire shoreline of Mattamuskeet Lake.

#### 13. GEOGRAPHIC NAMES

This will be the subject of a special report which will be submitted by A. J. Wraight at a later date. *Filed in Geo. Names Section, Div. of Charts.*

#### 14. SPECIAL REPORTS AND SUPPLEMENTAL DATA

Except as noted in Paragraph 10 and 13, there are no special data for these charts.

(See also 'Note by Chief of Party')



15. SWAMP

Wooded land along the shore of the Sound is classified as swamp because the land averages about one foot in elevation and is wet most of the year. Along the ridge traversed by Route #264, the wooded land is dry, but below the five foot contour on the Lake side, the land is very soft and is classified as swamp.

*See item 60*

1 August 1949

Submitted by:

*Elmer E. Williams*  
Elmer E. Williams  
Cartographer

Approved:

25 August, 1949

*E. R. McCarthy*  
E. R. McCarthy  
Chief of Party



MEMORANDUM BY CHIEF OF PARTY.  
TOPOGRAPHIC QUADRANGLES T-8985 and T-8986.

The contouring in the vicinity of Lake Mattamuskeet was checked against a topographic map made by a Mr Joseph S Mann of Fairfield in 1929. The check was made by Mr Williams during the progress of the field work.

The topography executed by Mr Mann was done by taking cross sections from the road which circles the Lake and sketching the contours at one foot intervals. His purpose was to check the drainage into the canals and Lake for tax purposes. Bench marks of the US Engineers were used to control the elevations.

The agreement, in general, is good although in some instances it is only fair. Since the topography was done over twenty years ago, and since ground fires, new cultivations, and natural changes have modified the area somewhat, the reliability of the map cannot be considered as more than fair.

A tracing of the SE quarter of Mr Mann's map is submitted with these quads. The balance of the (his) map will be submitted with the other sheets which include the Lake. The scale is approximately 1:24000. The original map could not be photostated because of the faint contours.

Never Received -  
Tampa.  
war.

*E. R. McCarthy*  
E. R. McCarthy  
Chief of Party

Photogrammetric Plot Report

This report covers the plot for maps  
T-8973 to T-8976 inclusive, T-8984 to T-8986  
inclusive, T-8993 and T-8994, and is filed  
as part of the descriptive report for T-8974.



MAP T. 8985

PROJECT NO. PH-20(47)

SCALE OF MAP 1:20,000

SCALE FACTOR 1.000

STATION	SOURCE OF INFORMATION (INDEX)	DATUM	LATITUDE OR $\nu$ -COORDINATE LONGITUDE OR $x$ -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 FORWARD (BACK)	FACTOR DISTANCE FROM GRID OR PROJECTION LINE IN METERS FORWARD (BACK)
PIPE STA. C-2 (U.S.E.) 1942	WYESOCK- ING A17	N.A. 1927	35 29 15.100 76 00 10.655			465.4 (1,383.7) 268.6 (1,243.8)	
PIPE STA. C-1 (U.S.E.) 1942	WYESOCK- ING A16	"	35 28 59.883 76 00 23.746			1,845.5 (3.6) 598.6 (913.9)	
66 (N.C.G.S.) 1934	N.C.G.S. Pge 1	"	644,330.80 2,876,959.27	4,330.80 (5,669.20) 6,959.27 (3,040.73)			
63 (N.C.G.S.) 1934	WYESOCK- ING A15	"	35 28 19.347 76 07 18.736			596.2 (1,252.8) 472.4 (1,040.4)	
256 (N.C.G.S.) 1934	WYESOCK- ING A15	"	35 28 22.690 76 01 02.840			699.3 (1,149.8) 71.6 (1,441.1)	
PIPE STA. B-2 (U.S.E.) 1942	WYESOCK- ING A14	"	35 27 59.663 76 02 11.964			1,838.7 (10.4) 301.7 (1,211.2)	
PIPE STA. B-1 (U.S.E.) 1942	WYESOCK- ING A14	"	35 27 51.959 76 02 31.937			1,601.3 (247.8) 805.3 (707.6)	
255 (N.C.G.S.) 1934	N.C.G.S. Pge 1	"	632,159.41 2,870,885.19	2,159.41 (7,840.59) 885.19 (9,114.81)			
PIPE STA. A-2 (U.S.E.) 1942	WYESOCK- ING A12	"	35 26 55.005 76 04 27.314			1,695.1 (153.9) 688.8 (824.3)	
PIPE STA. A-1 (U.S.E.) 1942	WYESOCK- ING A11	"	35 26 39.346 76 04 21.825			1,212.6 (636.5) 550.4 (962.8)	
YESOCKING, 1874	G.P.s 397	"	35 25 33.208 76 02 15.356			1,023.4 (825.7) 387.3 (1,126.2)	Probably lost. unrecovered. e#2
SOCK, 1933	G.P.s 396	"	35 25 34.368 76 02 15.206			1,059.2 (789.9) 383.6 (1,130.0)	

1 FT. = 3048006 METER

COMPUTED BY B. F. Lampton

DATE 22 Sept. 48

CHECKED BY R. R. Wagner

DATE 24 Sept. 48

M. 2388-12

- 9 -



MAP T. 8985

PROJECT NO. PH-20(47)

SCALE OF MAP 1:20,000

SCALE FACTOR 1.000

STATION	SOURCE OF INFORMATION (INDEX)	DATUM	LATITUDE OR $\nu$ -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
OLD BAY BN, 1933	G.P.s 397	N.A. 1927	35 25 08.994			277.2(1,571.9)	FORWARD (BACK)
MOUNT PLEASANT, 1933	S.P.218 14	"	76 03 08.789 35 24 56.502 76 04 59.484			221.7(1,292.0) 1,741.3(107.8) 1,500.7(13.0)	
BEAR PT, 1874	G.P.s 397	"	35 23 07.547 76 04 11.361			232.6(1,616.5) 286.7(1,227.6)	Lost. See F.E. <sup>ENR</sup>
WYE, 1933	G.P.s 396	"	35 23 06.586 76 04 11.970			203.0(1,646.1) 302.1(1,212.2)	
GULL ROCK BN, 1933	G.P.s 396	"	35 23 02.526 76 00 15.314			77.8(1,771.2) 386.5(1,127.9)	
66 AZ. MK. (N.C.G.S.) 1934	N.C.G.S. Pge 1	"	643,974.23 2,876,029.90	3,974.23(6,025.77) 6,029.90(3,970.10)			
256 AZ. MK. (N.C.G.S.) 1934	N.C.G.S. Pge 1	"	641,590.55 2,888,784.47	1,590.55(8,409.45) 8,784.47(1,215.53)			
255 AZ. MK. (N.C.G.S.) 1934	N.C.G.S. Pge 1	"	631,406.77 2,871,068.35	1,406.77(8,593.23) 1,068.35(8,931.65)			
SUB. PT. WYE 1933	COMP.	"	35 23 01.027 76 03 59.923			31.7(1,817.4) 1,512.5(1.9)	
SUB. PT. #2 MT. PLEASANT, 1933	COMP.	"	35 25 01.765 76 04 52.730			54.4(1,794.7) 1,330.3(183.4)	

1 FT. = 3048006 METER  
COMPUTED BY: B. F. Lampton

DATE 22 Sept 48

CHECKED BY: R. R. Wagner

DATE 24 Sept. 48

M-2388-12

14



## COMPILATION REPORT - T-8985

PHOTOGRAMMETRIC PLOT REPORT

Submitted with T-8974

31. DELINEATION

Delineation was by graphic method.

The photographs were of reasonably good scale.

The field inspection was adequate.

32. CONTROL

Sufficient secondary control was established and placement was such that no difficulty was encountered in securing additional control necessary in the delineation of this map manuscript.

33. SUPPLEMENTAL DATA

None.

34. CONTOURS AND DRAINAGE

Drainage has been delineated as shown on the photographs. No difficulty was encountered in transferring contours from the field photographs.

35. SHORELINE AND ALONGSHORE DETAIL

The shoreline inspection was adequate.

There are no alongshore details.

36. OFFSHORE DETAILS

None.

37. LANDMARKS AND AIDS

No unusual methods of compilation were employed.

### 38. CONTROL FOR FUTURE SURVEYS

Three (3) topographic stations are applicable and are listed on Form 524. They are being submitted herewith. *Filed in Div. of Photogrammetry.*

A list of these topographic stations has been prepared and included in Item 49.

### 39. JUNCTIONS

T-8974 to the north: in agreement  
 T-8986 to the east: " "  
 T-8984 to the west: " "  
 T-8994 to the south: " "

### 40. HORIZONTAL AND VERTICAL ACCURACY

No statement.

*See item 53*

### 46. COMPARISON WITH EXISTING MAPS

There are no available maps in this office for comparison.

*See item 62*

### 47. COMPARISON WITH NAUTICAL CHARTS

Comparison has been made with U. S. C. & G. S. Nautical Chart No. 1231, scale 1:80,000, edition of November 1938, corrected to 10 May 1948, and found to be in good agreement except for a few new canals.

*See item 65*

### ITEMS TO BE APPLIED TO NAUTICAL CHARTS IMMEDIATELY

None.

### ITEMS TO BE CARRIED FORWARD

None.

*William A. Rasur*  
 for John C. Richter  
 Cartographic (Photo) Aid

Approved and forwarded:

*Arthur L. Wardwell*  
 Arthur L. Wardwell  
 Chief of Party

49. NOTES TO HYDROGRAPHER

Following is a list of topographic stations that may be useful to the hydrographer:

SLOT 1949

JOYS 1949

HUMP 1949

The geographic name GULL ROCKS has not been shown on the map manuscript since this feature could not be delimited or its position determined from the photographs.



50

## PHOTOGRAMMETRIC OFFICE REVIEW

T. 8985

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 MMS 6. Recoverable horizontal stations of less than third-order accuracy (topographic stations) J.G. ~~XXXXXX~~ 7. Photo hydro stations J.G. 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. 17. Landmarks J.G. 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. ~~XXXXXX~~ 23. ~~XXXXXX~~ 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. ~~XXXXXX~~ 29. ~~XXXXXX~~ 30. Other cultural features J.G.

## BOUNDARIES

31. Boundary lines J.G. ~~XXXXXX~~ 32. ~~XXXXXX~~

## 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 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-2523-12

FIELD EDIT REPORT  
PROJECT PH-20(47)  
QUADRANGLE T-8985

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 in which the reviewer requested information. A general check on the adequacy of the map compilation was made. The shoreline was inspected from a skiff.

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

All corrections, additions and deletions have been noted on the field edit sheet.

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

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

The actual field work was accomplished in five days in July and August, 1951.

52. ADEQUACY OF COMPILATION

The map compilation, in general, is adequate and will be complete after field edit data has been applied. *See item 66*

53. MAP ACCURACY

The horizontal and vertical accuracy of the map detail is relatively good. *See item 66*

54. RECOMMENDATIONS

None.



55. EXAMINATION OF PROOF COPY

It is believed that Mr. Joseph S. Mann, of Fairfield, N. C., is best-qualified to examine a proof copy of this work.

Ref. to Item 48 - Compilation Report.

1. AMITY

Several inhabitants, from Lake Landing to Engelhard, were questioned in regard to this name, but none could recall a community so named. However, there is a church in Lake Landing Community that is named "AMITY M.E. CHURCH". Its location is shown on the field edit sheet.

2. DYKE CANAL - BOUNDARY CANAL

Boundary Canal is the correct name. See F. E. Report on T-8972.

3. GRAY DITCH

This is the correct name for the canal running from Lake Landing south to Wysocking Bay. Authority for application of this name was the consensus of local inhabitants, three of whom are listed below:

Warren Payne, Gubrock, N. C.,  
C. B. McKinney, Lake Landing, N. C., and  
Phillip Selby, Last Chance, N. C.

4. GULROCK REFUGE

This is the correct spelling of the N. C. Dept. of Conservation and Defelopment refuge located in Hyde County, N. C.

*See item 57*

56. AIDS TO NAVIGATION

Ref. to item 9 - Field Inspection Report.

One additional fixed aid, Nebraska Canal Entrance Lt., has been plotted on the field edit sheet. Form 567 and Forms 24A are submitted.



#### 57. BOUNDARIES, MONUMENTS AND LINES

Ref. to item 10 - Field Inspection Report and to reviewer's question on discrepancy print in regard to Gulrock Refuge Boundary.

A search was made for four boundary marks on this refuge boundary, but none were recovered.

The approximate position of a property corner (stone monument) has been pricked on the field edit sheet. According to Mr. Phillip Selby, the owner of this property, this pricked point is within five feet of the true position of the stone. The stone was searched for but not recovered. The stone is not a refuge boundary marker, but it could be used as a starting point to plot the approximate boundary of the refuge. *Shown on F.E. sheet*

Mr. Warren Payne, Gulrock, N. C., was contacted and questioned in regard to the survey that Mr. Lindsey B. Hopkins, N. C. Dept. of Conservation and Development, Raleigh, N. C. started from the aforementioned "stone". According to Mr. Payne, who aided Mr. Hopkins in the survey, an attempt was made to survey this refuge boundary, but was abandoned after about seven bearings and distances had been run, as none of the bearings and distances would check with the old deeds of the property on the perimeter of the refuge.

Mr. Hopkins plotted the boundary of the refuge from records of property lines adjoining, irrespective of adjoining property owner's disagreement as to the true position of their lines.

Therefore, the only available information concerning this refuge boundary is contained in the map made by Mr. Hopkins in June, 1945.

This property is a wildlife refuge in name only, as it is unmarked, untended, and unimproved. The state of North Carolina has owned this land for forty-two years.

#### 58. HORIZONTAL CONTROL

Ref. to item 3 - Field Inspection Report.

Triangulation station "BEAR POINT, 1874" has been destroyed. Form 526 is submitted.

#### 59. OTHER INTERIOR FEATURES

Ref. to item 12 - Field Inspection Report.

Reclassification of roads and buildings was made on the field edit sheet, where necessary.

A few additional buildings have been noted on the field edit sheet.



60. WOODLAND COVER

Ref. to item 6 - Field Inspection Report.

Numerous changes in the classification and delineation of woodland cover have been shown on the field edit sheet.

In all areas labeled "T", pine trees predominate.

In all areas labeled "SW", swamp vegetation predominates.

JUNCTIONS

Satisfactory junctions have been made with all adjoining quadrangles.

10 August 1951

Submitted by:

*James E. Hundley* H 72  
James E. Hundley  
Cartographer

16 August 1951

Approved by:

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

DEPARTMENT OF COMMERCE  
U. S. COAST AND GEODETIC SURVEY

## PHOTOPARAMETRIC REVIEW SECTION

# NONFLOATING AIDS OR LANDMARKS FOR CHARTS

TO BE CHARTED ]

**STRIKE OUT ONE**

Washington, North Carolina

25 August

1949

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

The positions given have been checked after listing by John C. Richter

Tampa Photogrammetric Office

R. R. McCarthy

*Chief of Party.*

[illegible]

This form shall be prepared in accordance with Hydrographic Manual, pages 800 to 804. Positions of charted landmarks and *nonfloating*



DEPARTMENT OF COMMERCE  
U. S. COAST AND GEODETIC SURVEY

## NONFLOATING AIDS OR LANDMARKS FOR CHARTS

TO BE CHARTED  
~~TO BE DELETED~~

**STRIKE OUT ONE**

Tampa, Florida

3 August 1951

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

The positions given have been checked after listing by

Tampa Photogrammetric Office

Arthur L. Wardwell

*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 re-



48. GEOGRAPHIC NAMES*See item 55*AMITY CHURCHBACK CREEKBENSONS POINT ✓BROOKS CREEKBROWNS ISLANDBOUNDARY CANALCEDAR CREEKDOUGLAS BAY~~DYKE CANAL~~FEDS CREEKGRAY DITCHGREEN POINT\*GULL ROCKS ← *Are covered with water.*HICKORY CREEKHICKORY CREEK BAYHILLERYS COVEHYDE COUNTYJEANETTE CREEKJEANETTE HAMMOCKLAKE LANDING TOWNSHIPLAKE LANDINGLAKE MATTAMUSKEETLAST CHANCELONE TREE CREEK -LONG POINTMACKEY POINTMATTAMUSKEET NATIONAL WILDLIFE REFUGEMIDDLETOWNMIDDLETOWN CREEKMT. PLEASANTNEBRASKANORTH CAROLINANORTHEAST SANDOLD HILL BAYOUTFALL CANALPAMLICO SOUNDPLEASANT GROVE CHURCH



48. GEOGRAPHIC NAMES (CONTINUED)SLOCUMST. GEORGE CHURCHU. S. NO. 264WHITE PLAINSWY SOCKING BAYGulrock P.O.(located in Mt. Pleasant) ?  
*See F.E. Sheet*Rose Canal

\*Feature not shown on map manuscript because position and limits  
could not be determined from the photographs.

Names approved,  
subject to field edit.  
12-19-50  
a.j.w.

O.K. : 12-11-51  
a.j.w.



Review Report  
Topographic Map T-8985  
December 19, 1951

62. Comparison with Registered Topographic Surveys:

T-1384                      1:20,000                      1874-75

There are some changes in shoreline and cultural features since this survey. Otherwise, the two surveys are in close agreement. Map T-8985 is to supersede the above survey for nautical charting purposes for common areas.

63. Comparison with Maps of Other Agencies:

None

64. Comparison with Contemporary Hydrographic Surveys:

None

65. Comparison with Nautical Charts:

1231	1:80,000	50-2/20
1232	1:80,000	51-2/19

Changes made on the map manuscript during this review are shown in red.

66. Adequacy of Results and Future Surveys:

This map meets the National Standards of Map Accuracy and complies with project instructions.

67. Boundaries:

Reference item 57. Gulrock Refuge could not be positioned on the manuscript.

Reviewed by:

*Everett H. Ramey*  
\_\_\_\_\_  
Everett H. Ramey

Approved by:

*A. V. Griffith*  
\_\_\_\_\_  
Chief, Review Section  
Division of Photogrammetry  
7-10-53

*H. Edmonson*  
\_\_\_\_\_  
Chief, Nautical Chart Branch  
Division of Charts

*C. J. Jones Jr*  
\_\_\_\_\_  
Chief, Division of Photogrammetry

*Earl O. Hooton*  
\_\_\_\_\_  
Chief, Division of Coastal Surveys  
ARF



## History of Hydrographic Information

T-8985

Wysocking Bay - Pamlico Sound, North Carolina

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

Depth curves and soundings are in feet and originate with the following survey:

C&GS Hydrographic Survey H-1254 (1875)  
1:20,000. Depth curves are shown at  
6 feet. Depth curves and soundings  
were compiled by K. N. Maki and verified  
by R. E. Elkins.

*K. N. Maki*  
K. N. Maki  
1-5-52



## NAUTICAL CHARTS BRANCH

SURVEY NO. 8985

### 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.