8975

Diag. Cht. No. 1229 & 1232

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-8975

LOCALITY

State NORTH CAROLINA

General locality PAMLICO SOUND

Locality ENGELHARD-LONG SHOAL RIVER

1948-51

CHIEF OF PARTY

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

LIBRARY & ARCHIVES

DATE

B-1870-1 (1)

8975

DATA RECORD

T- 8975

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

Field Office (II): Manteo, 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): Inapplicable

Scale Factor (III): None

Date received in Washington Office (IV): DEC 7 1950 Date reported to Nautical Chart Branch (IV): DEC 13 1950

Applied to Chart No. Date: Date registered (IV): 12 sept 1952

Publication Scale (IV): 1:24,000 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): HARD, 1933

Lat.: 35° 32' 43".191 (1331.1m) Long.: 75° 54' 45".000 (1133.5m) Adjusted ~~Unadjusted~~

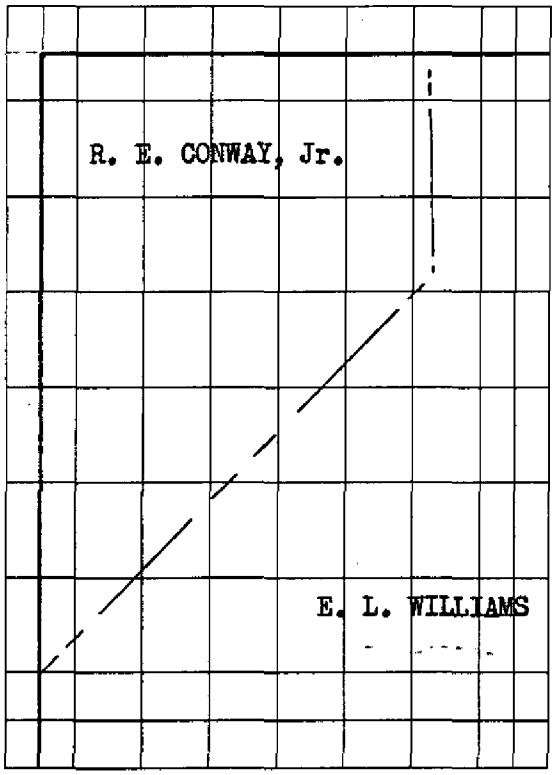
(LAMBERT)
Plane Coordinates (IV): State: N.C. Zone:

Y= 667,665.05 X= 2,918,301.81

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.

M-2618-12(4)



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

Elmer L. Williams, Cartographic Survey Aid June-August 1949
Richard E. Conway, Jr., Cartographic Survey Aid December 1949 - January 1950

DATA RECORD

Field Inspection by (II): E. L. Williams, Cartographic Survey Aid Date: June-August 1949

Planetable contouring by (II): (See Page 2) Date:

Completion Surveys by (II): J.E. Hundley Date: 19 July 1951

Mean High Water Location (III) (State date and method of location):
Air Photo Compilation 29 March 1948

Projection and Grids ruled by (IV): W. E. W. (Washington Office) Date: 1 July 1948

Projection and Grids checked by (IV): W. E. W. (Washington Office) Date: 1 July 1948

Control plotted by (III): R. R. Wagner Date: 13 October 1948

Control checked by (III): B. F. Lampton Date: 22 October 1948

Radial Plot ~~or Stereoscopic~~ Control extension by (III): M. M. Slavney Date: 2 May 1950

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

Manuscript delineated by (III): W. W. Dawsey Date: 13 July 1950

Photogrammetric Office Review by (III): J. A. Giles Date: 29 August 1950

Elevations on Manuscript checked by ~~(III)~~ (III): W. W. Dawsey Date: 6 July 1950

Camera (kind or source) (III): U. S. C. & G. S. 9-lens 8¼" focal length

PHOTOGRAPHS (III)

Number	Date	Time	Scale	Stage of Tide
22112	29 March 1948	11:47		The ~~No~~ periodic tide is negligible.
22113	29 March 1948	11:48	1:20,000	
22114	29 March 1948	11:49	"	
24104	21 Dec. 1948	11:52	"	
21516	18 Dec 1947	11:24	"	
21517	18 Dec 1947	11:25	"	
22161	29 Mar 1948	13:06	"	
22166	29 Mar 1948	13:18	"	
22167	29 Mar 1948	13:19	"	
24105	21 Dec 1948	11:53	"	

Tide (III)

Reference Station:
Subordinate Station: The ~~No~~ periodic tide ~~is negligible~~ is less than ¼ foot.
Subordinate Station:

Ratio of Ranges	Mean Range	Spring Range

Washington Office Review by (IV): S.J. Hathorn Date: April 1952

Final Drafting by (IV): Date:

Drafting verified for reproduction by (IV): Date:

Proof Edit by (IV): Date:

Land Area (Sq. Statute Miles) (III): 38.1
Shoreline (More than 200 meters to opposite shore) (III): 20.3
Shoreline (Less than 200 meters to opposite shore) (III): 5.6
Control Leveling - Miles (II): 7.1
Number of Triangulation Stations searched for (II): 9 Recovered: 8 Identified: 8
Number of BMs searched for (II): * 12 Recovered: 12 Identified: 12
Number of Recoverable Photo Stations established (III): 7
Number of Temporary Photo Hydro Stations established (III): None.

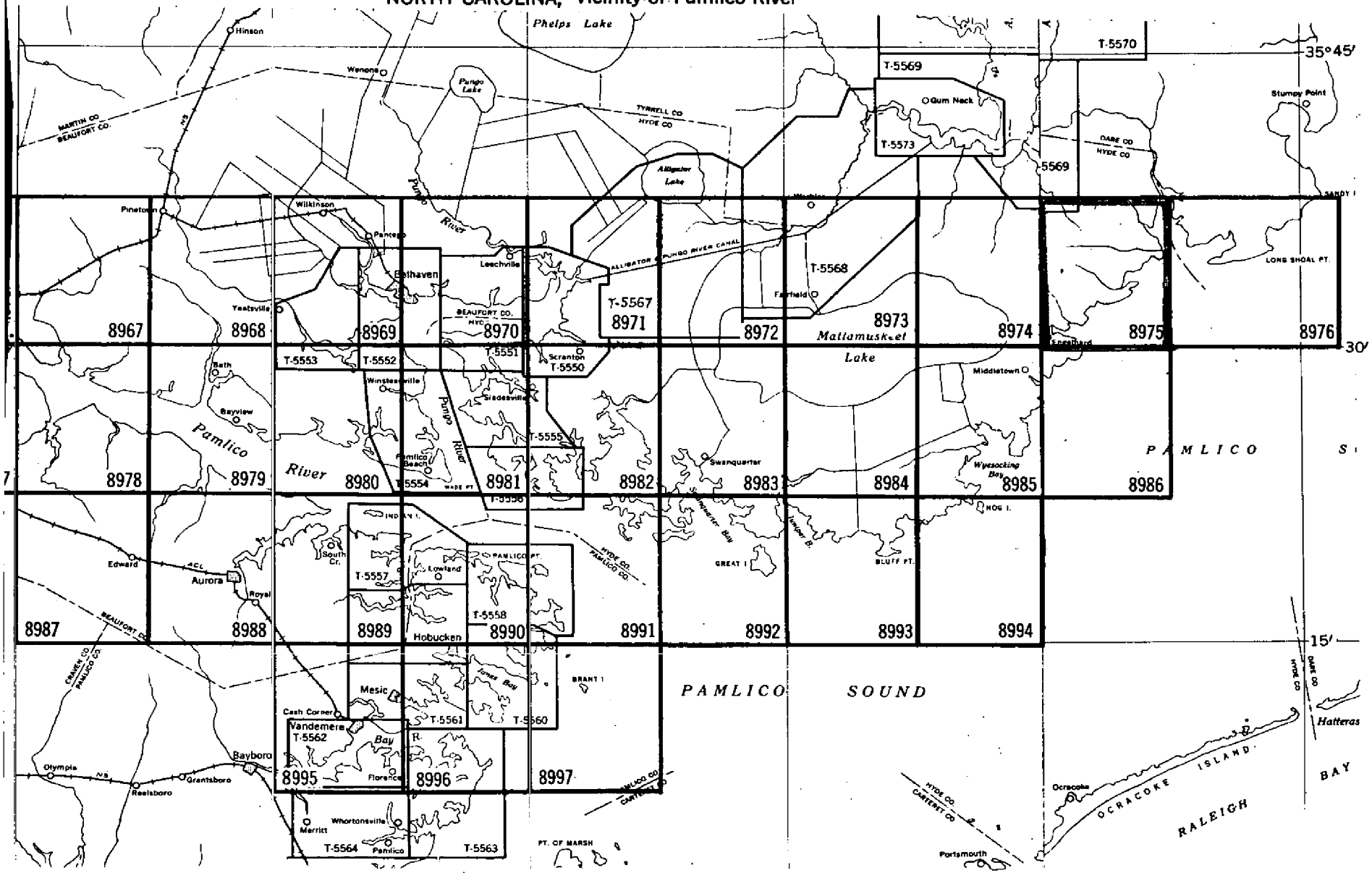
Remarks:
*Twelve third order bench marks established

M-2618-12(4)

TOPOGRAPHIC MAPPING PROJECT

PH-20(47)

NORTH CAROLINA, Vicinity of Pamlico River



SUMMARY TO ACCOMPANY T-8975

Topographic map T-8975 is one of 32 similar maps in project Ph-20(47) and is located immediately west of the northeasternmost map in the project. It covers the west shore of Pamlico Sound between Engelhard and Long Shoal River. The land area is situated completely within Hyde County, but lies adjacent to Dare County on the east.

Project Ph-20(47) is a graphic compilation project. Field work in advance of compilation included complete field inspection, the recovery and identification of horizontal control, the establishment of third-order vertical control and the delineation of contours on the photographs by planetable methods.

The map was compiled at a scale of 1:20,000 and is $7\frac{1}{2}'$ in latitude by $7\frac{1}{2}'$ in longitude. The entire map was field edited. After addition of hydrographic information the map will be forwarded to the U. S. Geological Survey for publication as a standard topographic quadrangle.

Items registered under T-8975 include a cloth-mounted lithographic print of the manuscript at 1:20,000 scale, a cloth-mounted color print of the published map at 1:24,000 scale and the descriptive report.

FIELD INSPECTION REPORT
QUADRANGLE T-8975
35-30/37.5 76-07.5/15

E. R. McCarthy, Chief of Party

The field work for this quadrangle was done in accordance with Instructions dated 23 July 1948 (Project Ph-20). Field work in addition to those phases listed on Pages 2-3, was done by the following personnel:

Name and Title	Phase	Data
E. L. Williams Cartographer	Horizontal Control Recovery	April - August 1949

This report is written in accordance with Paragraph 724 of the Preliminary Edition of the Topographic Manual dated June 1949.

2. AERAL FIELD INSPECTION

Except for the area in the immediate vicinity of the village of Engelhard, the land is a densely overgrown and uninhabited wasteland.

U. S. Highway No. 264 bisects the quadrangle from Engelhard in the southwest corner to Long Shoal River in the northeast corner.

Engelhard, an incorporated but non-functioning town, has a population which is estimated from 350 to 400. It serves as a trading center for the eastern half of Hyde County, is the headquarters for the 200-300 boats engaged in shrimping during the summer season, and is the base for a few dozen of local boats which engage in oystering during the winter months.

A freight and passenger ferry plies between Engelhard and Hatteras on three run a week schedule-weather permitting. A bus line maintains a two to three times per day schedule with Washington all during the year with additional runs to Manteo during the summer season.

In addition to the fishing and oystering activities, which form the major industries, there are a small ice and power plant, a small mill, a large produce warehouse, and a trucking concern.

No difficulty was encountered in interpretation of the photographs.

The field inspection is believed to be complete.

3. HORIZONTAL CONTROL

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

Station	Agency	Order	Datum
Pipe Station D-1	U. S. Engineers	Third	NA 1927
Pipe Station D-2	U. S. Engineers	Third	NA 1927

258	North Carolina Geodetic Survey	Third	NA 1927
259	North Carolina Geodetic Survey	Third	NA 1927

(e) Station reported as lost is:

Far Creek Beacon 1933

4. VERTICAL CONTROL

(a) All Bench Marks in the quadrangle area are Third Order Bench Marks established by this Party.

K-246, 1949 } T-8974
L-246, 1949 }
M-246, 1949
N-246, 1949
P-246, 1949
R-246, 1949
S-246, 1949

Pipe Station D-1, 1942 (USE)
Pipe Station D-2, 1942 (USE)
Engelhard, 1933
Engelhard RM No. 2, 1933
Engelhard RM No. 3, 1933
259 (NCGS)

(b) 7.1 miles of fly levels were run to control the elevations. The errors were small and were prorated.

The fly levels were run in advance of the Third Order levels. Elevations of common Bench Marks are as follows:

Bench Mark	Fly Levels	Third Order Levels Unadj.	Adj.
259 (NCGS)	5.56'	5.88'	5.633'
258 (NCGS)	3.65'	3.82'	3.606'
258 (NCGS) AZ MK	2.69'	2.82'	2.651'

(c) The first and last level points are: 75-1 and 75-22

5. CONTOURS AND DRAINAGE

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

Drainage of the cultivated land in the vicinity of Engelhard is by numerous small ditches or canals leading to Pamlico Sound or the creeks. Drainage of the area east of U. S. Highway No. 264 is toward the sound. Drainage of the area west of the Highway is apparent from the contours. The east section toward Long Shoal River and the Sound, the west section toward Swan Lake and Alligator River.

6. WOODLAND COVER

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

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. (The periodic tide is ~~[illegible]~~ less than ¼ ft.)

(e) The waterfront along both banks of Far Creek in Engelhard is almost a continuous line of wharfs in front of fish houses. Many of the wharfs are of flimsey construction and in poor repair.

8. OFFSHORE FEATURES

Inapplicable.

9. LANDMARKS AND AIDS

There are no landmarks in the quadrangle. Positions of Non-Floating aids 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 submitted 8 November 1949 by A. J. Wraight.

Reports filed in Division of Photogrammetry.

11. OTHER CONTROL

Recoverable Topographic Stations* established are:

Ador, 1949
Gate, 1949
Far Creek Entrance Light, 1949
Husk, 1949
Lane, 1949
Leon, 1949
Tape, 1949

12. OTHER INTERIOR FEATURES

Inapplicable.

13. GEOGRAPHIC NAMES

This report was submitted 15 January 1950 by A. J. Wraight.

Report filed in Geographic Names Sect.-Div. of Charts.

14. SPECIAL REPORTS AND SUPPLEMENTAL DATA

Except as noted in Paragraphs 10 and 13, there are no special data for this sheet.

* Forms 524 filed in the Division of Photogrammetry

15. SWAMP

All wooded land for an average distance of one-half mile back from the shore of Long Shoal River, Pamlico Sound and the tidal creeks off them is classified as swamp. A good portion of the trees are Gums and other typical swamp vegetation. However, pines grow on low tussocks with marsh grass among the trees. Ocassionally storms drive salt water back into the pine woods and the trees are killed. Many stands of dead trunks can bee seen along the shore.

The reed areas and the wooded areas in the interior do not have water standing except for short periods following heavy rains nor is the ground spongy except in small pot holes up to twenty feet in diameter. These could not be identified on the photographs.

The true swamp areas have been classified with 'SW' symbol and the intermittent swamp with 'Fls'.

16. NOTE BY CHIEF OF PARTY

The area adjecent to the shoreline and the highway was done by E. L. Williams during the spring and summer months and the long lines into the interior by E. L. Conway, Jr. during the winter. As in T-8974, the principal difficulty in the quadrangle has been transportation.

No corrections were made to the elevations for the differences between the preliminary fly level and third order level elevations dicussed in Paragraph 4.

30 January 1950
Submitted by:
E. R. McCarthy
for
Messers Conway & Williams

Approved:
31 January 1950

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-8975 PROJECT NO PH-20(47) SCALE OF MAP 1:20,000 SCALE FACTOR 1.000

STATION	SOURCE OF INFORMATION (INDEX)	DATUM	LATITUDE OR y-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)
258 (N.C.G.S.)1935	ENGELHARD	N.A.	35 37 58.977			1,817.6 (31.5)	
	A9	1927	76 55 17.665			444.5 (1065.2)	
PINGLE, 1933	G.P.s	"	35 34 41.194			1,269.6 (579.6)	
	395		75 52 57.215			1,440.6 (70.1)	
259 (N.C.G.S.)1935	ENGELHARD	"	35 34 28.796			887.5 (961.7)	
	A5		75 55 41.321			1,040.4 (470.3)	
HARD 1933	G.P.s	"	35 32 43.191			1,331.1 (518.0)	
	395		75 54 45.000			1,133.5 (377.8)	
ENGLEHARD, 1933	S.P.218	"	35 32 31.241			962.8 (886.3)	
	14		75 57 53.493			1,347.5 (163.9)	
PIPE STA. D-2	ENGELHARD	"	35 30 47.523			1,464.6 (384.5)	
(U.S.E.) 1942	A2		75 59 38.297			965.1 (546.9)	
PIPE STA. D-1	ENGELHARD	"	35 30 33,987			1,047.4 (801.7)	
(U.S.E.) 1942	A2		75 59 46.964			1,183.5 (328.5)	
258 AZ.MK.	N.C.G.S.	"	698,115.46	8,115.46(1,884.54)			
(N.C.G.S.) 1935	Pge 1		2,914,498.94	4,498.94(5,501.06)			
259 AZ.MK.	N.C.G.S.	"	679,636.16	9,636.16(363.84)			
(N.C.G.S.) 1935	Pge 2		2,913,382.24	3,382.24(6,617.76)			
GIBB, 1933	G.P.s	"	35 30 01.692			52.1(1796.9)	
	396		75 57 47.094			1186.9(325.3)	
PIPE STA. H-1	ENGELHARD	"	35 38 45.198			1393.0(456.2)	
1942	15		75 53 26.503			666.7(842.7)	
ENGLEHARD R.M. 3	TRAV.	"	35 32 26.186			807.0(1042.1)	
(AZ.MK.) 1933	COMP.		75 57 59.853			1507.8(3.7)	

1 FT. = .3048006 METER

COMPUTED BY: B. F. Lampton DATE 22 Sept. 48 CHECKED BY: R. R. Wagner DATE 23 Sept. 48

M-2388-12

COMPILATION REPORT T-8975

PHOTOGRAMMETRIC PLOT REPORT

This report will be submitted with T-8974.

31. DELINEATION

Compilation was by the graphic method.

The scale of the photographs was fair.

The field inspection was adequate.

32. CONTROL

No difficulty was encountered in obtaining detail points since placement of secondary control was good.

33. SUPPLEMENTAL DATA

None.

34. CONTOURS AND DRAINAGE

The poor scale of the field photographs necessitated the employment of the projector during the transfer of contours. No difficulties arose with the drainage.

35. SHORELINE AND ALONGSHORE DETAILS

No difficulty was encountered in the delineation of the shoreline since the inspection was adequate making for the completeness and accuracy of the map manuscript. Low-water and shoal lines were not shown since none could be seen on the photographs.

36. OFFSHORE DETAILS

None.

37. LANDMARKS AND AIDS

No landmarks were submitted for charting.

All aids to navigation were located by Radial Plot methods.

38. CONTROL FOR FUTURE SURVEYS

Seven (7) Forms 524 are being submitted. These topographic stations have been listed and included under Item No. 49.

39. JUNCTIONS

T-9281 to the north: not compiled
T-8976 to the east: in agreement
T-8986 to the south: in agreement
T-8974 to the west: in agreement

40. HORIZONTAL AND VERTICAL ACCURACY

No statement. See item 66.

46. COMPARISON WITH EXISTING MAPS

Comparison was made with the Corps of Engineers quadrangle, ROANOKE ISLAND, N. C., scale 1:125,000. They were found to be in good agreement.

47. COMPARISON WITH NAUTICAL CHARTS

Comparison has been made with Chart 1232, scale 1:80,000, edition of Oct. 1942, corrected to 21 November 1949 and found to be in good agreement. Comparison was made with Chart 1229, scale 1:80,000, edition of December 1942, corrected to 26 July 1949 and found to be in good agreement.

ITEMS TO BE CARRIED FORWARD

None.

ITEMS TO BE APPLIED TO NAUTICAL CHARTS IMMEDIATELY

None.

Webber W. Dawsey
Webber W. Dawsey
Cartographic Photo. Aid

Approved and Forwarded

Arthur L. Wardwell
Arthur L. Wardwell
Chief of Party

49. NOTES FOR THE HYDROGRAPHER

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

GATE, 1949

LEON, 1949

ADOR, 1949

HUSK, 1949

LANE, 1949

TAPE, 1949

FAR CREEK ENTRANCE LIGHT, 1949

Pingleton Shoal is not shown on the map manuscript because its limits could not be determined.

Form T-2

50 PHOTOGRAMMETRIC OFFICE REVIEW

T- 8975

1. Projection and grids JG 2. Title JG 3. Manuscript numbers JG 4. Manuscript size JG

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) JG ~~7. Photogrammetric stations~~ ~~8. Bench marks~~ JG
9. Plotting of sextant fixes JG 10. Photogrammetric plot report JG 11. Detail points JG

ALONGSHORE AREAS

(Nautical Chart Data)

12. Shoreline JG 13. Low-water line JG 14. Rocks, shoals, etc. JG 15. ~~Bridges~~ JG 16. Aids to navigation JG ~~17. Landmarks~~ 18. Other alongshore physical features JG 19. Other alongshore cultural features JG

PHYSICAL FEATURES

20. Water features JG 21. Natural ground cover JG 22. Planetable contours JG ~~23. Stereoscopic instrument contours~~ 24. Contours in general JG 25. Spot elevations JG 26. Other physical features JG

CULTURAL FEATURES

27. Roads JG 28. Buildings JG ~~29. Railroads~~ 30. Other cultural features JG

BOUNDARIES

31. Boundary lines JG ~~32. Public land lines~~

MISCELLANEOUS

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

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-8975

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 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, or, in this report.

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

The field work was accomplished during July, 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, Fairfield, N. C., is best qualified to examine a proof copy of this work.

Ref. to question on Discrepancy Print concerning alternate spelling of the name "Englehard" (See Field Edit Report, T-8974.)

56. WOODLAND COVER

Ref. to item 15 - Field Inspection Report.

Reclassification of vegetation east of U.S. 264 was made, where necessary. The "swamp" classification has been deleted as most of this area does not meet the requirements of a true swamp, even though the tones on some of the photographs are misleading. Most of the woodland is either old or second growth pine.

See item 67.

57. JUNCTIONS

Satisfactory junctions have been made with T-8976 to the east, T-8986 to the south, and T-8974 to the west. Junction with T-9281, Ph-45(49) to the north will be made at a later date. See item 68.

19 July 1951
Submitted by:

James E. Hundley H.T.S.
James E. Hundley
Cartographer

26 July 1951
Approved by:

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

Form 567
April 1945

DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY

PHOTOGRAMMETRIC REVIEW SECTION

NONFLOATING AIDS ~~OR LANDMARKS~~ FOR CHARTS

TO BE CHARTED
~~TO BE DELETED~~ } STRIKE OUT ONE

Manteo, North Carolina — 30 January, 1950

I recommend that the following objects which have ~~been~~ 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 W. W. Dawsey, Tampa Photogrammetric Office

R. R. McCarthy — *Chief of Party.*

STATE: NORTH CAROLINA

CHARTING NAME	DESCRIPTION	SIGNAL NAME	POSITION: LATITUDE ° ′	LATITUDE D.M. METERS	LONGITUDE ° ′	LONGITUDE D.P. METERS	DATUM	METHOD OF LOCATION AND SURVEY No.	DATE OF LOCATION	HARBOR CHART	INSHORE CHART	OFFSHORE CHART	CHARTS AFFECTED
LIGHT	FAR CREEK CHANNEL LIGHT Black pile		35 30	1283	75 59	130	N A 1927	R.Plot T-8975	1949 ~~1950~~		X		1232
BN. 3	FAR CREEK CHANNEL DAYBEACON Black square daymark on pile		35 30	1057	75 58	63	"	"	"		X		"
BN. 5	FAR CREEK CHANNEL DAYBEACON Black square daymark on pile		35 30	1170	75 58	833	"	"	"		X		"
LIGHT	FAR CREEK CHANNEL ENTRANCE LIGHT Black slatted pile structure		35 30	911	75 57	604	"	"	"		X		"

L. 118 (1950)

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.

U. S. GOVERNMENT PRINTING OFFICE 1949 O - 853418

48. GEOGRAPHIC NAME LIST

BERRYS BAY
BROAD CREEK

CROATAN TOWNSHIP

DARE COUNTY

A.f.W. 3-25-52 ENGELHARD ~~(or England)~~.
ENGELHARD-STUMPY POINT ROAD

FAR CREEK

GIBBS POINT

HYDE COUNTY

JUNIPER SWAMP POINT

KITTY CREEK

LAKE LANDING TOWNSHIP

LONG SHOAL RIVER

NORTH CAROLINA

OTTER CREEK
OTTER CREEK BRIDGE
OYSTER CREEK

PAMLICO SOUND
PINGLETON POINT
~~*PINGLETON SHOAL~~ covered with water

U. S. No. 264

SHAD POINT

WAUPOPIN CREEK

~~*Pingleton Shoal~~ is not shown on the map manuscript because its limits could not be determined.

Names approved,
subject to F.E.
12-19-50
A.f.W.

REVIEW REPORT T-8975
Topographic Manuscript
10 April 1952

62. Comparison with Registered Topographic Surveys:

T-1384b	1:20,000	1874-75
T-1385	1:20,000	1875

Map T-8975 is to supersede these surveys for nautical charting purposes for common areas.

63. Comparison with Maps of other Agencies:

See item 46.

64. Comparison with Contemporary Hydrographic Surveys:

None.

65. Comparison with Nautical Charts:

1229	1:80,000	51-10/22
1232	1:80,000	51-2/19

See item 47.

There are only minor shoreline changes which do not require immediate application to the Nautical Charts.

66. Adequacy of Results and Future Surveys:

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

67. Woodland Cover:

See item 56.

The field editor's reclassification of swamp east of U.S. 264 was not consistent with his classification in T-8976 to the east and T-8974 to the west. His delineation on the manuscript was changed to agree substantially with the original field inspection; thus effecting a junction with the aforementioned quadrangles.

68. Junctions:

See items 39 and 57.

This quadrangle joins T-9281, Ph-45(49) to the north. Compilation of T-9281 has not been started. However, field

inspection data along the project junction was transferred from the Ph-20(47) field photographs to the Ph-45(49) field photographs prior to field work on Ph-45(49) by H. F. Garber, chief of party, and no junction difficulties are anticipated.

Reviewed by:

Stanley J. Hathorn
Stanley J. Hathorn

APPROVED:

S. V. Griffin 10/17/51
Chief, Review Section
Division of Photogrammetry

H. H. Edmonston
Chief, Nautical Chart Branch
Division of Charts

O. S. Reading
Chief, Div. of Photogrammetry

L. S. Hubbard
Chief, Div. Coastal Surveys
Acting

History of Hydrographic Information

Quadrangle T-8975

Pamlico Sound, 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 Survey:
H-1362a (1875-77) 1:20,000

U.S.C.&G.S. Nautical Chart
1232, 1:80,000, latest print date 2-19-51

Hydrography was compiled by K. N. Maki and verified by C. B. Samuels.

K. N. Maki

K. N. Maki
Division of Photogrammetry
16 April 1952

NAUTICAL CHARTS BRANCH

SURVEY NO. 8975

Record of Application to Charts

DATE	CHART	CARTOGRAPHER	REMARKS
6-24-54	Rev 1232	C. Wilson	~~Before~~ After Verification and Review
10-28-54	1229	C. Wilson	~~Before~~ After Verification and Review
			Before After Verification and Review
			Before After Verification and Review
			Before After Verification and Review
			Before After Verification and Review
			Before After Verification and Review
			Before After Verification and Review
			Before After Verification and Review
			Before After Verification and Review
			Before After Verification and Review
			Before After Verification and Review

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.