

8730

8730

Diag. Cht. No. 538

Form 504

U. S. COAST AND GEODETIC SURVEY

DEPARTMENT OF COMMERCE

DESCRIPTIVE REPORT

Type of Survey TOPOGRAPHIC

Field No. _____ Office No. T-8730

LOCALITY

State North Carolina

General locality Neuse River

Locality Cherry Point

1946-'49

CHIEF OF PARTY

R.J.Sipe, Chief of Field Party

R.A.Gilmore, Tampa Photo. Office

LIBRARY & ARCHIVES

DATE Sep. 18, 1950

Form T-1

DATA RECORD

T-8730

Quadrangle (II):

CLUBFOOT CREEK

Project No. (II): Ph-5(45)

Field Office: New Bern, N.C.

Chief of Party: Riley J. Sipe

Compilation Office: Tampa, Fla.

Chief of Party: Ross A. Gilmore

Instructions dated (II III): Undated

Copy filed in Descriptive
Report No. ~~II~~ (VI)DIVISION OF PHOTOGRAMMETRY
REVIEW SECTION
OFFICE FILES

Completed survey received in office:

10-21-48

Reported to Nautical Chart Section: 10-28-48

Reviewed: 5-11-50

Applied to chart No.

Date:

Redrafting Completed:

Registered: 6-2-50

Published:

Compilation Scale: 1:20,000

Published Scale: 1:24,000

Scale Factor (III): None

Geographic Datum (III): N.A. 1927

Datum Plane (III): M.S.L.

Reference Station (III): RIP, 1935

Lat.: 34° 56' 21.027" (6480m) Long.: 76° 48' 46.780" (1187.1m) Adjusted
Unadjusted

State Plane Coordinates (VI):

NORTH CAROLINA

X =

Y =

Military Grid Zone (VI)

PHOTOGRAPHS (III)

<u>Number</u>	<u>Date</u>	<u>Time</u>	<u>Scale</u>	<u>Stage of Tide</u>
15987	5 April	15:07	1:20,000	No perceptible tide
15988	"	15:07	"	in this area
16006	"	15:47	"	
16007	"	15:48	"	
16008	"	15:49	"	

Tide from (III): No tide

Mean Range:

Spring Range:

Camera: (Kind or source) U.S. C. & G.S. 9-Lens 8 $\frac{1}{4}$ " focal length

Field Inspection by: E.L. Williams
M.A. Stewart

date: 31 March 1948
19 April 1948

Field Edit by: *E.T. Jenkins*

date: *Nov., 1949*

Date of Mean High-Water Line Location (III): 1-15 April, 1948

Projection and Grids ruled by (III) H.R. (W.O.) date: 18 Nov. 1947

" " " checked by: T.L.J.(W.O.) date: "

Control plotted by: R.A. Reece date: 8 Dec. 1947

Control checked by: C.H. Baldwin date: 8 Mar. 1948

Radial Plot by: M.M. Slavney date: 1 June 1948

Detailed by: R.A. Reece date: Aug. 1948

Reviewed in compilation office by: W.H. Shearouse date: Sept. 1948

Map Manuscript

Elevations on ~~Field Edit Sheet~~
checked by: W.H. Shearouse

date: Sept. 1948

STATISTICS (III)

Land Area (Sq. Statute Miles): 39

Shoreline (More than 200 meters to opposite shore): 31

Shoreline (Less than 200 meters to opposite shore): 65

Number of Recoverable Topographic Stations established: 15

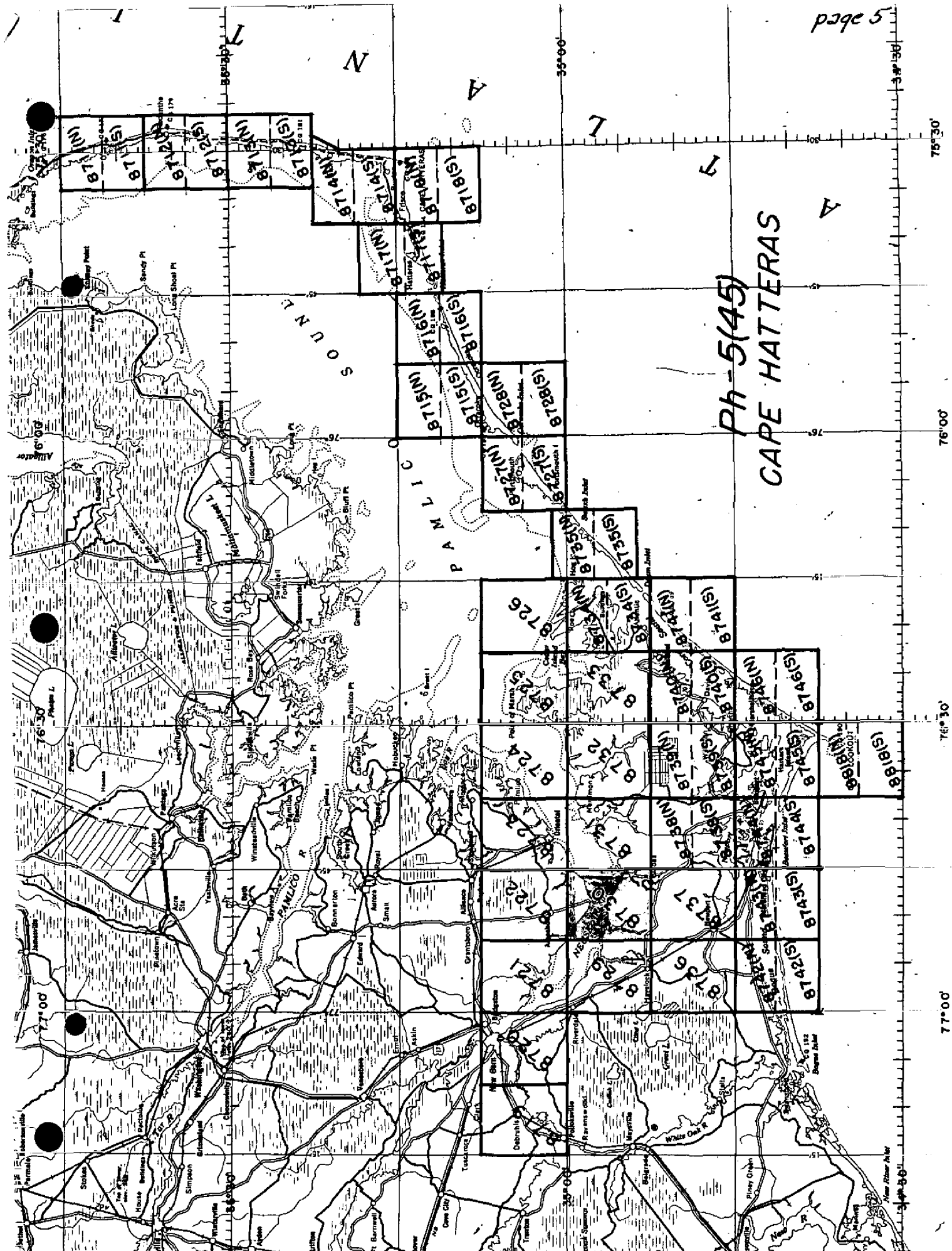
Number of Temporary Hydrographic Stations located by radial plot: None

Leveling (to control contours) - miles: 15

Roman numerals indicate whether the item is to be entered by
(II) Field Party, (III) Compilation Party, or, (VI) the Washington
Office.

When entering names of personnel on this record give the surname
and initials, not initials only.

Remarks:



Ph-5(45)
CAPE HATTERAS

75°30'

76°00'

76°30'

77°00'

SUMMARY REPORT TO ACCOMPANY T-8730
(TOPOGRAPHIC)

T-8730 is one of a series of 37 7.5-minute quadrangles in project Ph-5(45) in North Carolina. It covers an area which includes a portion of the Neuse River in the vicinity of Wilkinson Pt., Cherry Pt., Hancock Creek, and Clubfoot Creek. The southern half of the quadrangle falls almost entirely within the Croatan National Forest and is nearly all wooded. The beach areas on Wilkinson Pt. serve as recreation sites for two youth camps, and the beach at Cherry Pt. is the site for the Pine Cliff Recreation Area provided for negroes and is sponsored by the U. S. Forest Service. The eastern part of the U. S. Marine Corps Air Station at Cherry Pt. occupies the western part of the quadrangle south of the Neuse River.

T-8730 consists of but one manuscript at 1:20,000 scale.

One set of 1:20,000 scale, nine-lens photographs were flown and used for the compilation, and all contours and field inspection data were surveyed and applied at 1:20,000 scale.

The several mapping operations were as follows:

- a) Nine-lens photography and laboratory processing, 1:20,000 scale.
- b) Field work included shoreline inspection, identification and establishment of horizontal and vertical control, planetable contouring, clarification of questionable photographic detail, and geographic names investigation.
- c) Radial plot and graphic compilation.
- d) Preliminary office inspection.
- e) Field edit and completion
- f) Final review of the manuscripts to ensure completeness and conformance with specifications and project instructions, and to include additions and corrections from the field edit survey.
- g) Processing - A 1:20,000 scale glass plate negative of the manuscript will be prepared for transmittal to the Geological Survey.

T-8730 will be published and distributed by the Geological Survey at a scale of 1:24,000 as a standard topographic quadrangle in accordance with an agreement dated March 25, 1947.

Data pertaining to this survey (T-8730) will be filed and may be obtained as follows:

T-8730

- a) Filed in the Division of Photogrammetry.
 - 1. The map manuscript (original)
1:20,000 with final review
corrections applied.
 - 2. Field edit sheet
 - 3. Form 524 topographic station
descriptions (10)
- b) Filed in the Bureau Archives
 - 1. Descriptive report
 - 2. A cloth-backed lithographic print
of T-8730 at 1:20,000 scale.

The above data (b) are to be permanently registered under one number (T-8730) and when the topographic map is published, a cloth-backed copy of the printed map at 1:24,000 scale will be registered.

FIELD INSPECTION REPORT
T-8730
(34-52.5/76-45.0/7.5)
Project Ph-5(45)
Riley J. Sipe, Chief of Party

All phases of the field work were done in accordance with the Director's Instructions, Project Ph-5(45), Field, undated; Supplement No. 1 to the above, dated 11 November 1946, and other applicable instructions as herein noted.

The various phases of the field work were done by the following personnel:

<u>Name & Title</u>	<u>Phase</u>	<u>Date</u>
Matthew A. Stewart Engineering Aid	Third Order Levels Contours	3/16/48 3/31/48
Millard F. Kirk Topographic Engr.	Horizontal Control Recovery	2/9/48 2/15/48
E. T. Jenkins Engineering Aid	Shoreline	4/1/48 4/15/48
Frank M. Wisiecki Engineering Aid	Levels	11/7/47 11/14/47
Elmer L. Williams Engineering Aid	Contours, Levels, Horizontal Control Recovery, Shoreline, Interior Field Inspection	1/16/48 4/19/48

1. DESCRIPTION OF AREA

This 7½ minute quadrangle is located within Craven and Pamlico Counties, North Carolina.

About seven square miles of the land area of the quadrangle are north of the Neuse River which traverses the quadrangle from west to east. Two tributaries of the Neuse River, Hancock Creek and Clubfoot Creek, roughly paralleling one another, divide the land area south of the Neuse River into three parts. That portion west of Hancock Creek is part of the Cherry Point Marine Corps Air Base. The area between Hancock and Clubfoot Creeks is largely settled by colored farmers. Much government timberland is located in this area and a beach, set up by the Forest Service for the pleasure of the colored population, is on the Neuse River banks. Almost all of the area east of Clubfoot Creek is under cultivation.

Some fishing boats ply the waters of Clubfoot Creek. The Neuse River is used by many boats, and some freight is shipped by water and unloaded at the Navy dock near the mouth of Hancock Creek.

2. COMPLETENESS OF FIELD INSPECTION

Field inspection of the quadrangle is complete and all features are adequately classified and identified on the photographs except North Carolina State Route 101, which is under construction. The changes being made have been left for the field editor to interpret. Classification of woodlands was in accordance with Photogrammetry Instructions No. 15, dated 16 June 1947.

3. INTERPRETATION OF THE PHOTOGRAPHS

The photographs were easily interpreted and no difficulties were encountered.

4. HORIZONTAL CONTROL

All existing known horizontal control was searched for within the quadrangle and submitted on Form 526.

No supplemental control was established during field inspection.

The following C. & G. S. control station was not identified:

(1) Triangulation Station RUN, 1935

5. VERTICAL CONTROL

A third order level line was established along Route 101.

From this, fly levels were run north toward the Neuse River along the roads. Fly levels were extended from quadrangle T-8729 and used by the planetable party for contouring the Cherry Point Marine Corps Base.

6. CONTOURS AND DRAINAGE

Contouring was done by planetable methods directly on 1:20,000 scale 9-lens photographs.

The drainage was located by use of the stereoscope before contouring and corrected in the field by planetable.

Elevations range from 38 feet to sea level. The highest elevation of the quadrangle is located just north of Wilkinson Point.

The entire area drains into the Neuse River.

7. MEAN HIGH-WATER LINE

Mean high-water line along the Neuse River is as photographed.

8. LOW-WATER LINE

Mean low-water line is the same as mean high-water line because there is no periodic tide in the Neuse River.

9. WHARVES AND SHORELINE STRUCTURES

Adequately covered by the photographs.

10. DETAILS OFFSHORE FROM THE HIGH-WATER LINE

Not applicable.

11. LANDMARKS AND AIDS TO NAVIGATION

Hancock Creek Day^{mark} is no longer in existence. Boats and barges coming into the Cherry Point Corps Airbase dock have knocked it down so frequently, that it has not been replaced.

All other fixed aids were located by theodolite cuts. They were reported on Form 567. *See attached copies.*

12. HYDROGRAPHIC CONTROL

Heavy woods along the river and creeks made it impossible to establish control at the desired intervals.

13. LANDING FIELDS AND AERONAUTICAL AIDS

Portions of the eastern strips of the Cherry Point Marine Corps Airbase are in the quadrangle. See the field inspection report for quadrangle T-8729 for further details.

14. ROAD CLASSIFICATION

All roads were classified in accordance with Photogrammetry Instructions No. 10, and amendment dated 14 October 1947. *Photogr Instr. #10413
filed in Div. Photogr
Office files.*

15. BRIDGES

There is one bridge over navigable water in the quadrangle. It was measured in accordance with Photogrammetry Instructions No. 13, dated 23 April 1947.

All bridge information for the area covered by this report as listed in the U. S. Engineers "List of Bridges Over Navigable Waters in The United States" dated July 1, 1941, was verified in the field, all clearances were carefully measured with a steel tape, and the published descriptions and clearances were found to be correct except for the following discrepancies; which were reported to the Local District Engineer by

letter, a copy of which is attached. (p26)

16. BUILDINGS AND STRUCTURES

A Forest Service steel fire lookout tower, 106.9 feet high, is located centrally in the land area of the quadrangle lying south of Neuse River.

Five small graveyards were shown in the Cherry Point Marine Corps Airbase. This was done because these graveyards are not family plots, but contain the bodies removed from areas excavated while the government was building the Airbase and are permanent features.

17. BOUNDARY MONUMENTS AND LINES

See special report on Boundaries for project by A. J. Wraight, Topographic Engineer, which was forwarded to the Washington Office on 20 October 1947.

18. GEOGRAPHIC NAMES Q14✓

See special report on Geographic Names for project by A. J. Wraight, Topographic Engineer, which was forwarded to the Washington Office on 13 October 1947.

Date: 20 May 1948
Submitted:

E. L. Williams
E. L. Williams
Engr. Aid

Date: 21 May 1948
Approved by:
Riley J. Sipe
Riley J. Sipe
Chief of Party

MAP T-8730

PROJECT NO Ph-5(45)

SCALE OF MAP 1:20,000

SCALE FACTOR

STATION	SOURCE OF INFORMATION (INDEX)	DATUM	LATITUDE OR ϕ -COORDINATE LONGITUDE OR λ -COORDINATE	DISTANCE FROM GRID IN FEET. OR PROJECTION LINE IN METERS FORWARD (BACK)	DATUM CORRECTION	N.A. 1927 - DATUM DISTANCE FROM GRID OR PROJECTION LINE IN METERS		FACTOR DISTANCE FROM GRID OR PROJECTION LINE IN METERS
						FORWARD	(BACK)	
CLUEFOOT CREEK BN. LT. 1935	G.P.s. P.450	N.A. 1927	34 55 16.546			509.9 (1339.0)	✓	
			76 45 33.204			842.8 (680.1)	✓	
TEMPLE, 1931	Sp. Pub. 192 P.24	"	34 54 52.528			1618.7 (230.2)	✓	
			76 45 45.109			1145.1 (378.0)	✓	
HOWARD, 1935	G.P.s. P.268	"	34 53 25.468			784.8 (1064.1)	✓	
			76 46 02.992			76.0 (1447.6)	✓	
WILKINSON PT. 2, 1931	G.P.s. P.478	L	34 57 55.446			1708.6 (140.3)		
			76 48 15.690			398.0 (1124.1)		
RUN, 1935	G.P.s. P.450	"	34 55 37.867			1166.9 (682.0)	✓	
			76 47 11.418			289.8 (1233.0)	✓	
RIP, 1935	G.P.s. P.450	"	34 56 21.027			648.0 (1200.9)	✓	
			76 48 46.780			1187.1 (335.5)	✓	
PART, 1935	"	L	34 58 48.920			1507.5 (341.4)	✓	
			76 50 05.645			143.2 (1378.7)	✓	
BEARD CR. BN. Lt., 1935	"	"	34 59 48.844			1505.2 (343.7)	✓	
			76 51 55.803			1415.1 (106.5)	✓	
FITZ, 1935	G.P.s. P.265	"	34 53 43.203			1331.3 (517.6)		
			76 51 59.278			1505.1 (18.4)		
HANGOCK, 1932	P.438	L	34 56 50.411			1553.5 (295.4)		
			76 52 02.244			56.9 (1465.5)		
PIERSON PT. 2, ECC. 1931	Sp. Pub. 192 P.31	"	34 58 35.730			1101.0 (747.9)	✓	
			76 46 19.834			503.1 (1018.8)	✓	
WILKINSON 2, 1932	G.P.s. P.438	L	34 57 56.577			1743.5 (105.4)		
			76 48 15.644			396.9 (1125.2)		

1 FT. = 3048008 METERS

COMPUTED BY: W.H. Shearouse

DATE 2 April, 1947

CHECKED BY: M.M. Slavney

DATE 8 July 1947

M. 2388-12

COMPILATION REPORT
TO ACCOMPANY
QUADRANGLE T-8730

26 AND 27. CONTROL AND RADIAL PLOT:

These are the subject of a special report submitted by M.M. Slavney, Photogrammetric Engineer, on 4 August 1948.

28. DELINEATION:

The photographs adequately covered the area of the quadrangle. They were clear and of fairly good scale. No unusual difficulty was experienced in interpretation. The centers of photographs 15987, 15988 and 16007 fall within the delineating limits of the map manuscript. Photographs 16006 and 16008 were also used for delineating though their centers fall outside the limits.

Field inspection was adequate with few discrepancies calling for further investigation by the field editor. These have been noted on the discrepancy overlay.

Several of the photo points, identified by the field inspector for plotting topographic stations and aids to navigation, were too near each other for obtaining the highest degree of accuracy. The compiler believes, however, that the stations are in their correct positions. *See 51. Field edit.*

RIF

29. SUPPLEMENTAL DATA:

None available.

30. MEAN HIGH-WATER LINE:

Adequate notes were provided on the photographs and the mean high-water line was delineated accordingly.

31. LOW-WATER AND SHOAL LINES:

There are no shoal or low-water lines shown within the limits of the quadrangle.

32. DETAILS OFFSHORE FROM HIGH-WATER LINE:

None requiring further investigation by the hydrographer.

See review report 66.

RIF

14

33. WHARVES AND SHORELINE STRUCTURES:

Shown on the map manuscript according to field inspection notes.

34. LANDMARKS AND AIDS TO NAVIGATION:

Reference is hereby made to item 11 of the Field Inspection report where this subject is discussed.

Good intersections were obtained from the theodolite cuts, the point of intersection pricked and scaled and listed on Form 567, which is a part of this report.

There are no landmarks recommended for charting.

35. HYDROGRAPHIC CONTROL:

No photo-hydro stations were required in the area.

Nine topographic stations were established for future use of the hydrographer. Their positions were scaled and listed on Form 524. The field inspector states in item 12 of his report that "heavy woods along the river and creeks made it impossible to establish control at the desired intervals." The compiler feels that with the several triangulation stations previously established along the shoreline of the river the hydrographic party will not find it too difficult to establish the necessary supplemental control for the hydrographic survey.

Forms 524 filed in Div. Photogrammetry General Files

36. LANDING FIELDS AND AERONAUTICAL AIDS:

There are no aeronautical aids within the quadrangle limits.

Marine Corps Air Station, Cherry Point
The eastern part of the ~~Cherry Point Marine Aviation Base~~ lies within the area of the quadrangle. The details of this base are discussed in the Field Inspection Report for quadrangle T-8729.

37. BOUNDARIES:

Boundaries shown on this map manuscript are as follows:

Marine Corps Air Station, Cherry Point
Pamlico-Craven county line, township lines, eastern boundary line of ~~Cherry Point Marine Aviation Base~~, and Croatan National Forest. These lines were delineated in accordance with source material submitted by the field inspection party.

38. GEOGRAPHIC NAMES:

All geographic names received from the Washington Office have been applied to the map manuscript. *See attached list of approved geographic names.*

44. COMPARISON WITH EXISTING TOPOGRAPHIC QUADRANGLES:

None available in this office for comparison.

45. COMPARISON WITH NAUTICAL CHARTS:

A comparison was made with U.S.C. & G. Survey Chart No. 538 (Neuse River and Upper part of Bay River) scale 1: 40,000 bearing a print date 8 April 1947. Agreement was very good with no discrepancies worthy of note. *See review report 66. RIF*

This map manuscript should supersede the present charted information.

Respectfully submitted,

Richard A. Reece
Richard A. Reece,
Engr. Draftsman.

Approved and Forwarded:

Ross A. Gilmore
Ross A. Gilmore
Chief of Party.
10/15/48

FIELD EDIT REPORT
Quadrangle T-8730
34°-52.5' - 76°-45.0' / 7.5'
Project Ph-5 (45)

E. R. McCarthy, Chief of Party

The field edit of this quadrangle was accomplished during the month of November 1949 by Elgan T. Jenkins, Cartographer. All work was performed in accordance with Field Edit Instructions dated August, 1945, and Supplement 1, dated 4 February, 1946. The first section of this report follows the form given in Paragraph 727-Part II-Topographic Manual (June 1949).

51. METHODS

All features were checked visually. Corrections and additions were made directly on the double weight sheet and supplemented, as necessary, by planetable methods.

Two vertical accuracy tests were made employing standard planetable methods.

Most of the additions and corrections were made directly on the field edit sheet. Some were made on the photographs and cross referenced on the field edit sheet.

Hancock Creek Light Number 1 was located by direction and distance from a photo print. Hancock Creek Range Lights were located by a short traverse from the same photo print. A calibrated wire was used for determination of the distance.

A legend describing the symbols and the colored ink used is shown on the field edit sheet and the photographs.

The field edit information is shown on one field edit sheet, one discrepancy print, one geographic name print, and three nine lens photographs, numbers 15987, 15988 and 16007.

Discrepancies, where not settled directly on the discrepancy print or photographs, are discussed in the body of this report.

New geographic names and changes and deletion of old names were discussed with residents throughout the quadrangle. No name was changed or deleted unless a majority of residents declared the mapped name was incorrect. Some new names were uncovered during field edit investigation.

52. ADEQUACY OF COMPILATION

The map manuscript compilation is considered good. A few features that should have been delineated by the Field Inspector were overlooked by the compiler.

In reference to item 53 on opposite page:

This quadrangle was completely field edited and contours corrected in several wooded areas. The analysis of test points does not indicate results of a vertical accuracy tests as these points were compiled from field edit corrections in small wooded areas. No vertical accuracy tests were run on this quadrangle.

See Review Report. 8/11/50

REVIEW REPORT

53. MAP ACCURACY

The horizontal accuracy is considered good except for the placement of some contours. Several planetable traverses were conducted and the error of closure between mapped features was negligible.

(a) Two vertical accuracy tests were made in this quadrangle. The test in $34^{\circ}-53.5'/76^{\circ}-47.1'$ has some error, however, considering the slope of the terrain, the general expression is considered much better than the tabulated summaries would indicate. The tests began and closed on fly level points. The vertical and horizontal closures were negligible. The elevations are shown on the field edit sheet.

Seventeen points on various contours were tested with the following results.

47% of points tested were in error 1 foot or less.

12% of points tested were in error $\frac{1}{2}$ a contour interval.

41% of points tested were in error approximately one contour interval.

(b) Part of the error found in the vertical accuracy test in $34^{\circ}-58.5'/76^{\circ}-48.7'$ was caused by the misdelineation of drainage. This test began and closed on fly level points. The horizontal and vertical closures were negligible. The elevations are shown on the field edit sheet.

Twenty-five various points were tested with the following results.

56% of points tested were in error one foot or less.

4% of points tested were in error $\frac{1}{2}$ of one contour interval.

40% of points tested were in error approximately one contour level.

The necessary corrections in these two areas and a third area in $34^{\circ}-59'/76^{\circ}-50'$ were made. Part of the data is shown on an overlay.

*Errors have been resolved
and ms. comes up to accuracy
limits
RSE*

55. EXAMINATION OF THE PROOF COPY

A corrected copy of the map manuscript was submitted to Mr. F. T. Jones of Newport, N. C. and Mr. Herbert G. Willis, Jr. of Arapahoe, N. C.

Mr. Jones is a Forest Dispatcher for the National Forest Service and is familiar with the southern part of this quadrangle. Mr. Willis is employed by the engineering department of Cherry Point Air Station and is familiar with the northern portion of the quadrangle. Neither Mr. Jones nor Mr. Willis could find any error in the corrected copy.

56. MILITARY RESERVATIONS

See copy of letter attached. (p. 24)

6. WOODLAND COVER

Many brush areas have been reclassified on the field edit sheet. Most of these areas are now trees due to the fast growth of young pines. The growth is such that some young pines that were brush at the time of the field inspection are now definitely in the tree classification.

7. SHORELINE AND ALONGSHORE FEATURES

The shoreline along the north shore of the Neuse River, on either side of Wilkinson Point is subject to heavy erosion. The greatest changes are in the bluff areas and are caused by wind and high water.

9. LANDMARKS AND AIDS

Hancock Creek Light No. 1, Hancock Creek Front Range, and Hancock Creek Rear Range were relocated and the azimuth of the range determined. The method of location is described under item 51 of this report. Form 567 is not submitted as the positions, when determined, may be shown on the form filed with the field inspection report.

12. OTHER INTERIOR FEATURES

All roads were classified in accordance with Paragraph 5441 - Part II - Topographic Manual (June 1949).

Several roads were located or delineated during field edit. These roads are shown on the field edit sheet or cross referenced to the photographs.

13. GEOGRAPHIC NAMES

The names Snake Branch and Sassafras Branch are misplaced. The name Tony Hill is no longer used and deletion is recommended.

In $34^{\circ}-59.0'$ / $76^{\circ}-47.7'$ the name Mill Creek is unknown. This creek is known as Gailin Creek from which the school near its head derived its name. The only creek known as Mill Creek is correctly shown in $34^{\circ}-59.8'$ / $76^{\circ}-51.0'$. The names Alligator Gut and Smith Gut are correctly shown on the geographic name print and are recommended for mapping.

The name Gum Branch in $34^{\circ}-56.3'$ / $76^{\circ}-49.5'$ is known to the National Forest Service personnel and a few other local residents. This name is recommended for mapping.

Name placements and new names are shown on the geographic name sheet along with a list of reliable residents as references.

See Geo. names sheet.

56. SWAMP DELINEATION

The small amount of swamp within this quadrangle is correctly shown by the compiler. No changes were made by the field editor.

Submitted:
12 December 1949

Elgan T. Jenkins
Elgan T. Jenkins (u)
Cartographer

Approved:
19 December 1949

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

U. S. COAST AND GEODETIC SURVEY

" PHOTOGRAPH METRIC REVIEW SECTION"

NONFLOATING AIDS CORELANDMARKS FOR CHARTS

STRIKE OUT ONE

Order of the Day

~~transmission~~ (deleted from) the charts indicated.

by Richard A. Rosta

PAUL A. GILBERT
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.

DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY

TO BE CHARTED
TO BE DEFERRED

STRIKE OUT ONE

NONFLOATING AIDS OR LANDMARKS FOR CHARTS

Tampa, Florida

January 10, 1950

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

The positions given have been checked after listing by R.A. Reese

Cartographic Survey Aid

ROSS A. GILBERT
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.

DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY

TO BE CHARTED

New Bern, N. C.

21 April

NONFLOATING AIDS ORIENTED TOWARDS FOR CHARTS

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

The positions given have been checked after listing by

R.A. Reece, Tampa Photogrammetric Office

Riley J. Sipe

Chief of Party.

STATE	CHARTING NAME	DESCRIPTION	SIGNAL NAME	POSITION			D.P. METERS	DATUM	METHOD OF LOCATION AND SURVEY NO.	DATE OF LOCATION	HARBOR CHART	INSHORE CHART	OFFSHORE CHART	CHARTS AFFECTED
				LATITUDE	LONGITUDE	D.M. METERS								
North Carolina	CLUBFOOT CREEK LIGHT			34 55	510	76 45	843	NA	Rad. Plot	1948	x			538
	WILKINSON POINT SHOAL LIGHT			34 57	1152	76 48	25	"	Rad. Plot	1948	x			538
	HANCOCK CREEK LIGHT #1			34 56	629	76 50	1104	"	Rad. Plot	1948	x			538
	HANCOCK CREEK RANGE FRONT LIGHT			34 56	522	76 51	636	"	Rad. Plot	1948	x			538
	HANCOCK CREEK RANGE REAR LIGHT			34 56	500	76 51	764	"	Rad. Plot	1948	x			538
	BEARD CREEK LIGHT			34 59	1505	76 51	1415	"	Rad. Plot	1948	x			538

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 ORTHOMED MARKS FOR CHAIRS

TO BE DELETED

New Bern, N. C.

21 April 1961

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

The positions given have been checked after listing by

Joseph K. Wilson

<p>Wiley J. Stipe</p>	<p>Chief of Party.</p>
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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
				°	'	°	'							
NORTH CAROLINA	HANCOCK CREEK DAYBEACON #5			34	56.3	76	52.3	NA		X			538	

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.

COPY

15 August 1949

MEMORANDUM FOR: Commander E. R. McCarthy
U. S. Coast and Geodetic Survey
Washington, North Carolina

Subject: Advance print of topographic manuscript,
Cherry Point, North Carolina area.

1. Subject print has been reviewed and the following
facilities should be deleted prior to publication:

- (a) Gas dumps
- (b) Power Plant
- (c) Ammunition dump and magazine area
- (d) Radio Station (NKT)
- (e) Three elevated tanks
- (f) Control tower
- (g) Power transmission line

2. Also the proper title of this naval facility is
U. S. Marine Corps Air Station, Cherry Point. Wherever Marine Aviation
Base or Marine Air Base appears, it should be so changed.

By direction of the
Commanding General.

R. J. MORRELL Jr.,
Lieutenant Colonel, USMC
Assistant Chief of Staff, G-3

Copy

25
78522

P. O. Box 1, Washington, North Carolina

12 July 1949

To: The Director
U. S. Coast & Geodetic Survey
Washington 25, D. C.

Subject: Runway length, MCAS Cherry Point, N. C.

Reference: Your letter dated 8 July 1949 78rs

In compliance with your letter, the following information is submitted:

The length of runway 23 was verified on the enclosed copies of Maps T-8729 and T-8730 and are correct as shown. A probable solution of the discrepancy on Chart AL-471 is that the original plan for the runway called for it to be 7600 feet in length, but when it was constructed, it was constructed approximately 7200 feet in length. Mr. K. V. Wainwright, Chief of Civil Engineering Section, Public Works was contacted. Mr. Wainwright has been on this base since 1943. He has confirmed the above statements.

The official name for the field is U. S. MARINE CORPS AIR STATION, CHERRY POINT, N. C. The Geographic Names Report submitted October, 1947, states that the name of the field is CHERRY POINT MARINE AVIATION BASE. The above change is recommended, which change was made after full consideration had been given to the original name investigation. The name was checked with the Officer-in-Charge and other personnel heads. Signboards (Non-commercial) and stationery confirm the above name.

E. R. McCarthy
Chief of Party

By: Joseph K. Wilson
Cartographer

P. O. Box 1292, New Bern, N. C.

21 May 1948

To: District Engineer
U. S. Engineers Office
Wilmington, N. C.

Subject: Measurement of Bridge Clearances - Discrepancies

Listed below are the discrepancies we have found between our measurements and yours as listed in the U. S. Engineers "List of Bridges over Navigable Waters in the United States," revised to 1 July, 1941, on page 118.

	Nearest Town	Horiz. Cl.	Vertical Cl.
Bridge Book	Oriental	28.0'	3.0' (HW)
USC&GS	Janiero	32.0'	11.2' (MHW)

It is requested that you notify the Director of this agency in Washington, D. C. as to which name and measurements should be used on the nautical charts.

/s/ Riley J. Sipe
Chief of Party

Quadrangle T-8730

GEOGRAPHIC NAMES

Survey No. T-8730

GEOGRAPHIC NAMES		Survey No. T-8730										
2	Name on Survey	<div>On Chart No.</div> <div>On previous survey No.</div> <div>On U. S. quadrangle Maps</div> <div>From local information</div> <div>On local Maps</div> <div>P. O. Guide or Map</div> <div>Rand McNally Atlas</div> <div>U. S. Light List</div>										21
		A	B	C	D	E	F	G	H	K		
	Sassafras Branch										1	
	King Creek										2	
	Pine Cliff Fire Tower										3	
	Cherry Point				(pt. of land)						4	
	Cherry Branch										5	
	Hancock Creek										6	
	Cahogue Creek				(referred to U. S. R. G. N.)						7	
	Still Gut				(E trib. Cahogue Creek)						8	
	Barney Branch										9	
	Soe Branch										10	
	Little John Creek										11	
	Shon Branch										12	
	Dolls Gut										13	
	Jacks Branch										14	
	Still Gut	(24)			(SW trib. Hancock Creek)						15	
	Reeds Gut										16	
	Cherry Point Landing				(village)						17	
	Cahogue Creek School										18	
✓	New Bern Road										19	
✓	Gum Branch										20	
✓	Big Branch										21	
	N.C. 101										22	
	Smith Gut										23	
	Alligator Gut										24	
											25	
											26	
											27	

Names underlined in red are approved. 4-4-50 A.J.V.

M 234

Names underlined in red are approved. 4-4-50 A.J.N.

GEOGRAPHIC NAMES

Survey No.

T-8730

Cherry Point 7 $\frac{1}{2}$ ' quad., N.C.

Name on Survey

On Chart
No.

On previous survey
No.

On U. S. quadrangle
Maps

From local
information

On local Maps

P. O. Guide or Map

Rand McNally Atlas

U. S. Light List

28

	A	B	C	D	E	F	G	H	K	
North Carolina									USGB	1
Pamlico County Township No. 5										2
Craven County Township Nos. 5, 6										3
Croatan National Forest										4
North Carolina 306										5
Neuse River									USGB	6
U.S. Marine Corps Air Station, Cherry Point										7
Dawson Creek										8
Janeiro										9
Pierson Point										10
Gatlin Cr.										11
Wilkinson Point										12
Minnesott Beach										13
Mill Creek										14
Weeping Mary Church										15
Mt. Zion Church										16
Gatlin Creek School										17
										18
South side of river:										19
Clubfoot Creek										20
Bachelor										21
Gulden Creek										22
Mitchell Creek										23
Snake Branch										24
Blades										25
Piney Grove A.M.E.Z. Church										26
Temple										27

Review Report T-8730
Topographic Map
11 May 1950

61. General Statement.-Certain of the installations at the U. S. Marine Corps Air Station, Cherry Pt. were omitted for security reasons per letter from the Commanding General dated 15 August 1949. A copy is attached to this report.

62. Comparison with Registered Topographic Surveys.-

T-1051	1:20,000	1867	Planetable	Topo.
T-1052	1:20,000	1867	"	"
T-6466	1:10,000	1935	"	"
T-6468	1:10,000	1935	"	"
T-6469	1:10,000	1935	"	"
T-6470	1:10,000	1935	"	"
T-6471	1:10,000	1935	"	"

The shoreline detail lacks the character shown on the 1:10,000 (1935) planetable surveys due to generalization because of scale.

However, on the basis of a field check of those shoreline features such as piers, piling, fences, etc. both deletions and additions on T-8730 supersede previous surveys for nautical charting purposes.

63. Comparison with Maps of Other Agencies.-None

64. Comparison with Contemporary Hydrographic Surveys.-None

65. Comparison with Nautical Charts.-

538 1:40,000 8-4-47

Revised clearances for the bridge at Janeiro are shown on the manuscript.

Geographic name changes and additions are noted with a check (✓) in the names list.

Daybeacon 5 between Hancock Cr. Lt. 1 and Front Range Lt. no longer exists.

Several offshore hazards to navigation shown on Chart 538 were investigated and found to no longer exist. Those left for further investigation by the hydrographic party are listed as "Foul" areas.

66. Adequacy of Results and Future Surveys.-A second field edit was requested to check the accuracy of the location

Page 2

of the fixed aids at Hancock Creek and to verify the existence of several offshore hazards as shown on Chart 538. The edit was applied and the discrepancies resolved.

During field edit some of the wooded areas were re-mapped and several contours were reshaped. This map is adequate as a topographic map and complies with the project instructions and with the National Map Accuracy Standards.

T-8730 is the first comprehensive topographic map made of this area and should be used for further nautical chart compilation.

Reviewed by:

Roscoe J. French
Roscoe J. French

APPROVED

A. V. Griffith
Chief, Review Section *R. J. M.*
Div. of Photogrammetry *198*

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

O. S. Reading
Chief, Div. of Photogrammetry

W. M. Aciffe
Chief, Div. of Coastal Surveys
A. H.

NAUTICAL CHARTS BRANCH

SURVEY NO. 8730

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.