

9274

*

Diagram Chart No. 1228-3 & 1231-2

Form 504

U. S. COAST AND GEODETIC SURVEY

DEPARTMENT OF COMMERCE

DESCRIPTIVE REPORT

Type of Survey TOPOGRAPHIC

Field No. PH-(49) Office No. T-9274

LOCALITY

State NORTH CAROLINA

General locality ALLIGATOR RIVER

Locality FRYING PAN

1949 & 53

CHIEF OF PARTY

Harry F. Garber, Chief of Field Party

J.E. Waugh, Tampa Photogrammetric Office

LIBRARY & ARCHIVES

DATE APRIL 27, 1955

9274

DATA RECORD

Page 1

T - 9274

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

Field Office (II): Edenton, N. C.

Chief of Party: Harry F. Garber

Photogrammetric Office (III): Tampa, Florida

Officer-in-Charge: J. E. Waugh

Instructions dated (II) (III):
15 September 1949
19 January 1950 (Supplement One)
15 May 1951 (Supplement Two)Copy filed in Division of
Photogrammetry (IV)

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): JUL 21 1952
Date reported to Nautical Chart Branch (IV): JUL 24 1952

Applied to Chart No.

Date:

Date registered (IV): 7 Jan. 1953

Publication Scale (IV):

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): PAN, 1935

Lat.: 35° 45' 41.869" (1284.9m.) Long.: 76° 04' 54.83" (1377.4m.)

Adjusted
Unadjusted

Plane Coordinates (IV):

State:

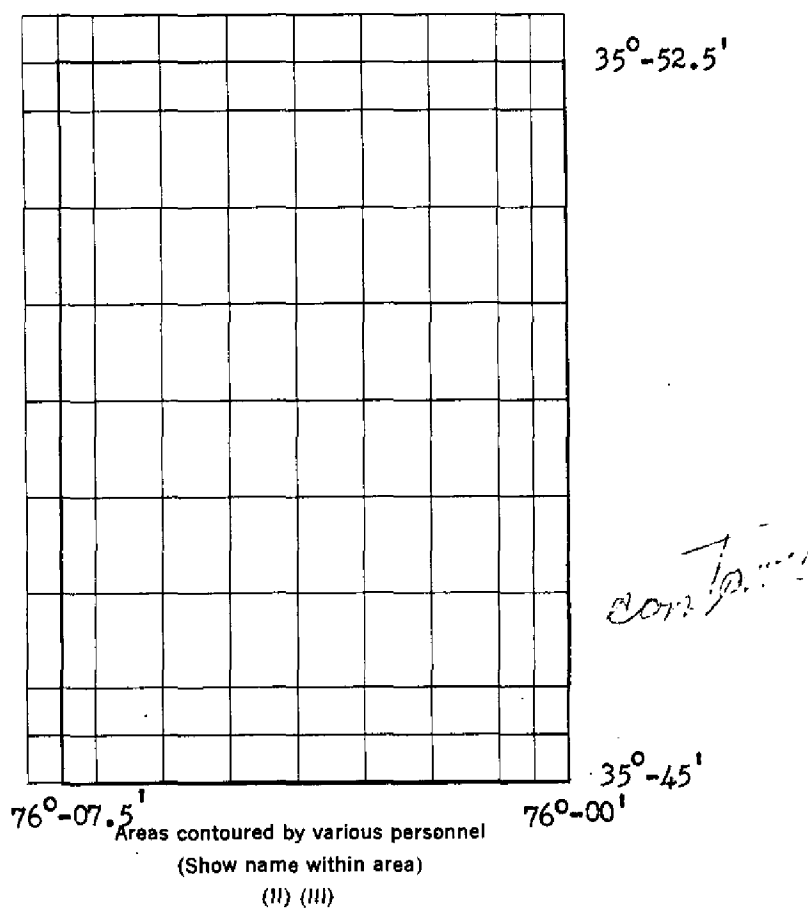
Zone:

Y=

X=

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

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



DATA RECORD

Page 3

Field Inspection by (II): Richard E. Conway, Jr.
Carto. Surv. Aid
Matthew A. Stewart
Carto. Surv. Aid

Date: Jan. 1951
Mar. 1951

Planetable contouring by (II): None

Date:

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

Date: *Nov. 1953*

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

M

Air Photo Compilation

March 1951

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

Date: 22 June 1951

Projection and Grids checked by (IV):

Date:

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

Date: 19 Sept. 1951

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

Date: 21 Sept. 1951

Radial Plot ~~or Stereoscopic~~

Date:

~~Control extension~~ by (III): M. M. Slavney

14 Jan. 1952

Planimetry

Date:

Stereoscopic Instrument compilation (III):

Inapplicable

Contours

Date:

Manuscript delineated by (III): R. Dossett

Date: 27 Feb. 1952

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

Date: 16 May 1952

Elevations on Manuscript

Date:

checked by (IV) (III):

J. A. Giles

15 May 1952

Camera (kind or source) (III): Fairchild Cartographic Camera "0", 6" Metragon Lens

PHOTOGRAPHS (III)

Number	Date	Time	Scale	Stage of Tide
49-0-1755-1756, incl.	5 Dec. 49	12:49	1:20,000	No tide
49-0-1757	"	12:50	"	"
49-0-1758	"	12:51	"	"
49-0-1731	"	12:15	"	"
49-0-1732-1733, incl.	"	12:16	"	"
49-0-1734	"	12:17	"	"
49-0-1775	"	13:15	"	"
49-0-1776	"	13:16	"	"
49-0-1777-1778, incl.	"	13:17	"	"
49-0-1779	"	13:18	"	"
49-0-1865	6 Dec. 49	12:15	"	"

Tide (III)
No tide

Reference Station:
Subordinate Station:
Subordinate Station:

Ratio of Ranges	Mean Range	Spring Range

Washington Office Review by (IV):

Date:

Final Drafting by (IV):

Edward L. Longley

Date: 8-18/54

Drafting verified for reproduction by (IV):

W. M. Hallum

Date: 9-2-54

Proof Edit by (IV):

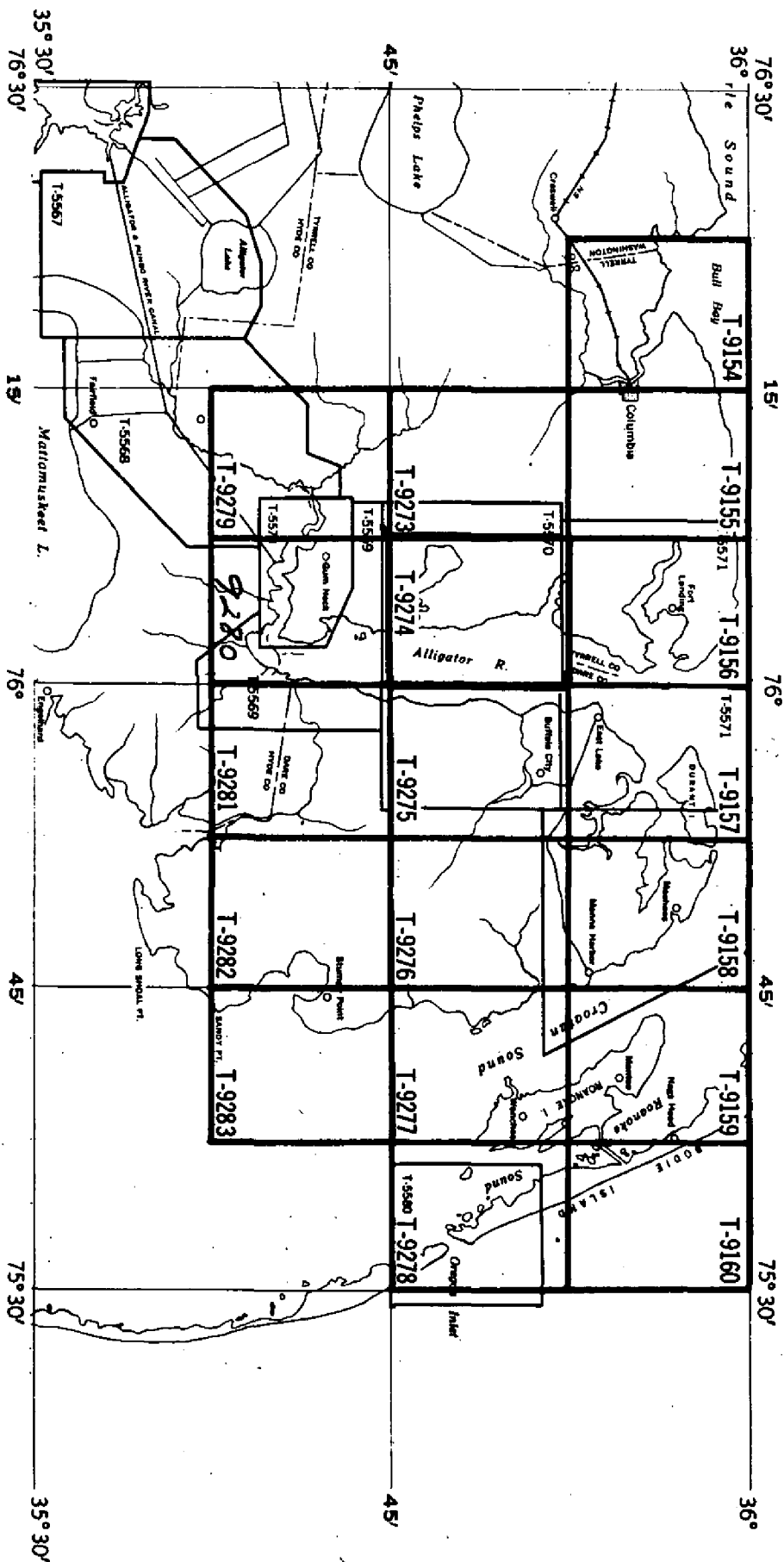
Date:

Land Area (Sq. Statute Miles) (III): 30
Shoreline (More than 200 meters to opposite shore) (III): 30
Shoreline (Less than 200 meters to opposite shore) (III): 0
Control Leveling - Miles (II): 2.4
Number of Triangulation Stations searched for (II): 10
Number of BMs searched for (II): 0
Number of Recoverable Photo Stations established (III): 2
Number of Temporary Photo Hydro Stations established (III): 0

Recovered: 2
Recovered: 0

Identified: 3
Identified:

Remarks:



Summary to Accompany T-9274

Topographic map T-9274 is one of eighteen similar maps in project Ph-45 (49). It covers land area in Tyrrell County, North Carolina, along Alligator River.

Ph-45 (49) is a graphic compilation project. Field work in advance of compilation included the recovery and identification of horizontal control, the establishment of some vertical control, the inspection of shoreline and interior features, the delineation of 5-foot contours directly on the photographs, and the investigation of political boundaries and geographic names.

T-9274 was compiled at a scale of 1:20,000, using single-lens photographs taken in December, 1949. The map was field edited. With the addition of hydrographic information, the map will be forwarded to the Geological Survey for publication as a standard 7½ minute topographic map at a scale of 1:24,000.

Items registered under T-9274 will include a cloth-mounted print of the map manuscript at a scale of 1:20,000, a cloth-mounted color print of the published map at a scale of 1:24,000, and the descriptive report.

FIELD INSPECTION REPORT
Quadrangle T-9274
Project Ph-45(49)

Harry F. Garber, Chief of Party

The field work for this quadrangle was done in accordance with Instructions for Ph-45(49), dated 15 September 1949; Supplement One, dated 19 January 1950; and Supplement Two, dated 15 May 1951. In addition to phases shown on Page 3, the work was accomplished by the following personnel:

<u>Name and Title</u>	<u>Phase</u>	<u>Date</u>
Richard E. Conway, Jr. Cartographic Survey Aid	Horizontal Control Shoreline Inspection	January, 1951
Richard L. McGlinchey Cartographic Survey Aid	"	March, 1951
Matthew A. Stewart Cartographic Survey Aid	Vertical Control	March, 1951

2. AREAL FIELD INSPECTION

One road leading from N.C. Highway 94 extends into the quadrangle for a short distance, where it terminates. Except for a few cultivated fields along this road, the entire land area is wooded. One small grocery store and a few farm dwellings and barns are the only buildings, except a rather large fish house at the end of the road leading to The Frying Pan.

Farming and lumbering, both on a small scale, are the only industries.

It is believed that the field inspection is complete.

3. HORIZONTAL CONTROL

All known control stations were searched for and reported on Form 526.

Since practically all of the stations have been lost or destroyed, supplemental control, for the plot, was established in this and adjacent quadrangles. A copy of a report on "Additional Horizontal Control, Ph-45", dated 27 June 1951, is a part of this report.

The stations reported lost are:

Frying Pan Beacon, 1914
Goose, 1935
Intracoastal Waterway Beacon 8, 1935
" " " 12, 1935
Patrick, 1914
Patrick 2, 1935
Ray, 1935
Second Creek 3, 1935

Reference Mark No. 2 for Patrick 2, 1935 was identified for use of the plot.

4. VERTICAL CONTROL

The only control was established by this party. It is a fly level line along the above-mentioned road, which originated and terminated at bench marks along N. C. Highway 94.

The first and last designated level points are 74-1 and 74-7. The closure was 0.33 foot and no adjustment was made.

5. CONTOURS AND DRAINAGE

In accordance with Bureau Letter No. 711 rs dated 4 October 1950, no attempt was made to establish elevations in the dismal swamps that are so inaccessible. It is recommended that this map be published as a quadrangle type map. Elevations along the roads that are slightly higher than the adjoining land, and elevations in the cultivated areas corroborated by photo interpretation and a visual inspection conclusively prove that none of the land is above five feet, and no five foot contour exists. (Copy of Bureau Letter 711 rs dated 4 October 1950 is attached to this report.)

The drainage is all toward Alligator River. However, the area is so low and flat that all drainage is very sluggish.

6. WOODLAND COVER

Except for small areas of highland trees (pine), adjoining the road, and cultivated areas, the woodland is swamp. The demarcation line is shown on the photographs and labeled.

7. SHORELINE AND ALONGSHORE FEATURES

The shoreline is apparent. Nearly all of which is foul for a considerable distance offshore with snags, stumps and trees in water. One fish house and one wharf in ruins are the only other alongshore features. Both are discernible on the photographs and have been labeled.

No bluffs, cliffs, docks, piers, wharves, or submarine cables are in existence. Small boats (skiffs) land along the canal banks, alongside the road north of The Frying Pan.

8. OFFSHORE FEATURES

Non-existent except the trees, snags and stumps mentioned under item 7. These are not a menace to navigation.

9. LANDMARKS AND AIDS

There are no landmarks. The location of fixed aids to navigation is covered by a special report "Special Report on the Location of Non-floating Aids to Navigation, Alligator River, North Carolina", a copy of which is part of the report for quadrangle T-9157.

10. BOUNDARIES, MONUMENTS AND LINES

This is the subject of a special report submitted by Mr. Richard L. McGlinchey, Cartographic Survey Aid, dated June, 1950.

11. OTHER CONTROL

Only two stations were established; they are:

LONE, 1951

FISH, 1951

12. OTHER INTERIOR FEATURES

The road and buildings have been classified in accordance with the Topographic Manual. They are the only interior features.

13. GEOGRAPHIC NAMES

This will be submitted as a special report for the project at a later date. *Report on file - 854, L.H.*

14. SPECIAL REPORTS AND SUPPLEMENTAL DATA

There are three special reports. They are listed under items 3, 10 and 13.

12 July 1951
Submitted by:

George E. Varnadoe
George E. Varnadoe
Cartographic Engineer

17 July 1951
Approved by:

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

DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY

P. O. Box 271
Edenton, North Carolina

POST OFFICE ADDRESS:

TELEGRAPH ADDRESS:

EXPRESS ADDRESS:

27 June 1951

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

Subject: Additional Horizontal Control - Project Ph-45

1. As a result of a conference with the Assistant Chief of the Division of Photogrammetry and Mr. B. G. Jones, additional horizontal control points were established along the Alligator River, Project Ph-45, to tie the flight lines together for controlling the radial plot. Six control points were located and identified.
2. These points were located by taking three point theodolite fixes on previously located fixed Aids to Navigation. Check directions were obtained on existing triangulation stations when visible.
3. In order to leave some sort of control for future location of Aids to Navigation, these points were marked with standard topographic discs brazed to two-inch soil pipe, and referenced with standard reference marks set further inshore. Several new reference marks were set at the old triangulation stations.
4. The maintenance of marks in this area is extremely difficult. The shores are cypress swamps that are continuously receding, leaving stumps fifty to one hundred meters offshore. The marks either wash out, or are so far out in the water that it is difficult to make observations.
5. The observations for the location of the new control points are being forwarded to the Washington Office for computation or for graphic plotting.

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

(C O P Y)
DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY
WASHINGTON 25

711-rs

POST-OFFICE ADDRESS:

TELEGRAPH ADDRESS:

EXPRESS ADDRESS:

4 October 1950

To: Comdr. Harry F. Garber
U. S. Coast and Geodetic Survey
32 Old Turnpike
Pleasantville, New Jersey

Subject: Winter Assignments for your party

Upon completion of field work on Project Ph-59 you will move your entire party south to take up photogrammetric field surveys on Projects Ph-35, Ph-58, Ph-20, and Ph-45.

Projects Ph-35 (Florida) and Ph-58 (North Carolina) shall be given first priority. Project Ph-35 should be completed this winter and Project Ph-58 should be completed this winter if practicable. If Project Ph-58 is not completed prior to moving your party north again in the early spring it will be necessary to leave a subparty to finish that work.

Field edit shall be continued with one field edit unit on Project Ph-20.

Such work as may be practicable after taking care of the higher priority work on Projects Ph-35 and Ph-58 shall be done in Project Ph-45 (North Carolina). Contouring on Project Ph-45 this season shall be limited to the following quadrangles with the preference in the order listed:

T-9154 to T-9158
T-9277 and T-9283

Field work on quadrangles T-9273 to T-9276 and T-9279 to T-9292 shall be limited to that necessary for planimetric mapping with spot elevations along the roads and in cultural areas; contouring of these quadrangles will not be attempted until another season, if then. In planning your field work on Project Ph-45, it is desirable that all phases of field work (including fly levels) be completed in preference to contouring so that the maps can be compiled and published as planimetric maps with spot elevations if limitations on funds or other reasons make it desirable to omit the contouring of most of this project.

After completion of the field work on Project Ph-59 (New Jersey), it will be necessary to reduce the allotment of funds to your party somewhat so as to add to the personnel of the Baltimore Office since field work is now considerably ahead of compilation. Present plans are for allotments to your party as follows:

<u>1st Quarter</u>	<u>2nd Quarter</u>	<u>3rd Quarter</u>	<u>4th Quarter</u>	<u>Total</u>
\$46,600	45,000	42,000	42,000	175,600

If during any quarter you anticipate going under or over the stated allotment by more than a few hundred dollars, you will please notify the Washington Office. The allotments for the third and fourth quarters are somewhat tentative and may have to be reduced; if this becomes necessary you will be notified.

The following men will be transferred to the Baltimore Photogrammetric Office after completion of field work on Project Ph-59:

Elmer L. Williams, GS-7
Harry R. Moore, GS-3

Annual leave may be permitted for these men at such time and amount as you recommend. A separate letter will be forwarded to each man explaining the reasons for his transfer.

The Bureau intends to take up topographic mapping just north of the Jacksonville area in the winter of 1951-52 and plans the photography for this area in the winter or early spring of 1951. Topographic mapping in New Jersey will be extended from your present project northward and it is planned that your party return to the area about April 1951. Photography for this work will be delayed until the late winter or early spring when the oak trees have lost most of their leaves.

If you have any questions regarding the plans outlined in this letter, please do not hesitate to write to this office.

/s/ K. T. Adams

Acting Director

Photogrammetric Plot Report

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

MAP T. 9274
PROJECT NO. Ph-45(49)
SCALE OF MAP 1:20,000
SCALE FACTOR

SCALE OF MAP 1:20,000

PROJECT NO. Ph-45(49)

MAP T- 9274

SCALE FACTOR.

[illegible]

1 FT - 3048006 MEYER

COMPUTED BY: I. I. Saperstein

DATE 30 August 1951

CHECKED BY: M. M. Slavney

DATE 5 Sept. 1951

NY-2388-12

12

COMPILATION REPORT T-9274PHOTOGRAMMETRIC PLOT REPORT.

Submitted with T-9158.

31. DELINEATION.

The graphic method was used.

All the photographs were of poor scale and the projector was used extensively.

32. CONTROL.

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

33. SUPPLEMENTAL DATA.

None used.

34. CONTOURS AND DRAINAGE.

Reference Item 5.

Drainage has been delineated according to field inspection notes and photographic interpretation.

35. SHORELINE AND ALONGSHORE DETAILS.

The shoreline inspection was adequate.

36. OFFSHORE DETAILS.

No statement.

37. LANDMARKS AND AIDS.

See special letter, page eleven of this report.

38. CONTROL FOR FUTURE SURVEYS.

Two (2) topographic stations are being submitted on Form 524. These stations have been listed and included under Item No. 49. Station LONE, 1951, and the six lights shown along the Alligator River were plotted from plane coordinates furnished by the Washington Office. Their geographic positions were scaled. The six lights are submitted on Form 567 only.

39. JUNCTIONS.

Satisfactory junction has been made with:

T-9156 on the north,
T-9273 on the west,
T-9275 on the east,
T-9280 on the south.

40. HORIZONTAL AND VERTICAL ACCURACY.

No statement.

46. COMPARISON WITH EXISTING MAPS.

Comparison was made with Planimetric Map T-5570, scale 1:20,000, compiled in 1934-1935. No outstanding differences were noted in shoreline or topography.

47. COMPARISON WITH NAUTICAL CHARTS.


Comparison was made with Chart 1228, scale 1:80,000, published May 1937, and Chart 1231, scale 1:80,000, published November 1938, both corrected to 2 October 1950. The planimetric map listed under Item 46 appears to be the main source of the topography on the charts and the same statement applies.

ITEMS TO BE APPLIED TO NAUTICAL CHARTS IMMEDIATELY.


None.

ITEMS TO BE CARRIED FORWARD.

None.


Rudolph Dossett
Carto. Photo. Aid

APPROVED AND FORWARDED:


J. E. Waugh, Chief of Party

48. GEOGRAPHIC NAME LIST.

- ALLIGATOR RIVER ✓
- ALIGATOR TOWNSHIP ✓
- BABBIT BAY ✓
- BASNIGHT CANAL ✓
- CATFISH POINT ✓
- COOPERS CREEK ✓
- CRANE ISLAND ✓
- CRANE ISLAND POINT ✓
- DARE COUNTY ✓
- EAST LAKE TOWNSHIP ✓
- FREE UNION CHURCH ✓
- FRYING PAN ✓
- FRYING PAN LANDING ✓
- FRYING PAN ROAD ✓
- GOOSE CREEK ✓
- GUM NECK TOWNSHIP ✓
- INTRACOASTAL WATERWAY ✓
- LYONS POINT ✓
- NORTH CAROLINA ✓
- ORANGE POINT ✓
- SECOND CREEK ✓
- SECOND CREEK POINT ✓
- THE FRYING PAN ✓
- THE STRAITS ✓
- TYRRELL COUNTY ✓

Names approved
6-22-54.

49. NOTES FOR THE HYDROGRAPHER.

Recoverable topographic stations of use to hydrographer are as follows:

FISH, 1951

*LONE, 1951.

*Station plotted on map manuscript from plane coordinates furnished by the Washington Office. The geographic position was scaled. There are also six aids to navigation in this identical category listed on Form 567:

ALIGATOR RIVER LT.	16,	1951
"	"	" 18, "
"	"	" 20, "
"	"	" 22, "
"	"	" 24, "
"	"	" 26, "

FIELD EDIT REPORT
Project Ph-45(49)
Quadrangle T-9274

51. METHODS

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

Field edit data appears on the field edit sheet, discrepancy print, Forms 24A, Forms 567, field photographs 49-O-1757 and 1776, and in this report.

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

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

52. ADEQUACY OF COMPILATION

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

53. MAP ACCURACY

The horizontal accuracy of the map detail is relatively good.

54. RECOMMENDATIONS

None.

55. EXAMINATION OF PROOF COPY

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

GEOGRAPHIC NAMES

Ref. to question on Discrepancy Print.

According to local information this area is also known as "THE STRAITS". (According to the definition of "STRAITS" it does not seem logical to show this name as indicated by the Field Editor.)
Tatem
and G.

56. CONTOURS AND DRAINAGE

Refer to item 5 - Field Inspection Report.

No five foot contours exist in this area.

All feeder ditches have been deleted on the field edit sheet.

57. LANDMARKS AND AIDS

Refer to item 9 - Field Inspection Report.

There are no landmarks in this area.

One Fixed Aid to Navigation "ALLIGATOR RIVER LIGHT 18" was reported moved since the 1951 position was established. The present position of this light was located by a 20" Transit. The mean of three directions was recorded on Forms 24A. Forms 567 are submitted.

58. OTHER INTERIOR FEATURES

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

JUNCTIONS

Satisfactory junctions have been made with all adjacent contemporary quadrangles.

9 March 1953
Submitted by:

James E. Hundley
James E. Hundley,
Cartographer

25 March 1953
Approved by:

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

STRIKE OUT ONE

Tampa Photogrammetric Office Tampa, Fla. 15 May 1952

The positions given have been checked after listing by

Rudolph Dossett

1873 J. E. Waugh

J. B. Waugh

Chief of Party.

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 for

PHOTOGRAMMETRIC REVIEW SECTION

DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY

TO BE CHARTED

STRIKE OUT ONE

NONFLOATING AIDS ~~ON CHARTS~~ FOR CHARTS

Tampa Photogrammetric Office, Tampa, Fla. 7 April 1953

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

The positions given have been checked after listing by

R. DossettJ. E. Naugh, CDR USCGC Chief of Party.

STATE	NORTH CAROLINA	CHARTING NAME	DESCRIPTION	SIGNAL NAME	POSITION							METHOD OF LOCATION AND SURVEY No.	DATE OF LOCATION	HARBOR CHART	INSHORE CHART	OFFSHORE CHART	CHARTS AFFECTED
					LATITUDE *		LONGITUDE *			DATUM							
					°	'	°	'	''								
					35	51	23	00.75	76	01	1211	M.A. 1927	March 1953		X		631 1228 1231

This form shall be prepared in accordance with Hydrographic Manual, pages 800 to 804. Positions of charted landmarks and *nonfloating aids* to navigation, if redetermined, shall be reported on this form. The data should be considered for the charts of the area and not by individual field survey sheets. Information under each column heading should be given.

50.

PHOTOGRAMMETRIC OFFICE REVIEW

T. 9274

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

CONTROL STATIONS

5. Horizontal control stations of third-order or higher accuracy M.M.S. 6. Recoverable horizontal stations of less than third-order accuracy (topographic stations) J.G. 7. Photo hydro stations XX 8. Bench marks XX 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 XX 14. Rocks, shoals, etc. J.G. 15. Bridges XX 16. Aids to navigation J.G. 17. Landmarks XX 18. Other alongshore physical features J.G. 19. Other along-shore cultural features J.G.

PHYSICAL FEATURES

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

CULTURAL FEATURES

27. Roads J.G. 28. Buildings J.G. 29. Railroads J.G. 30. Other cultural features J.G.

BOUNDARIES

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

MISCELLANEOUS

33. Geographic names J.G. 34. Junctions J.G. 35. Legibility of the manuscript J.G. 36. Discrepancy overlay J.G. 37. Descriptive Report J.G. 38. Field inspection photographs J.G. 39. Forms J.G. 40. Jesse A. Giles Milton M. Slavney
Reviewer Supervisor, Review Section or Unit

41. Remarks (see attached sheet)

FIELD COMPLETION ADDITIONS AND CORRECTIONS TO THE MANUSCRIPT

42. Additions and corrections furnished by the field completion survey have been applied to the manuscript. The manuscript is now complete except as noted under item 43.

Compiler

Supervisor

43. Remarks:

History of Hydrographic Information for T-9274

Hydrography was added to the map-manuscript in accordance with the General Specifications of 18 May 1949.

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

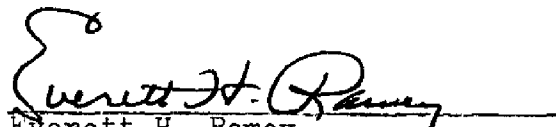
Hydrographic surveys:

H-5913	1:20,000	1935
H-5914	1:10,000	1935-36

and Nautical Charts:

831	1:40,000	1932	corrected to 53-6/15
1228	1:80,000	1937	corrected to 53-5/11
1231	1:80,000	1938	corrected to 53-5/18

Hydrography was compiled by Everett H. Ramey on 6 October 1954 and verified by O. Svendsen on 13 October 1954.


Everett H. Ramey

Review Report
Topographic Map T-9274
22 June 1954

62. Comparison with Registered Surveys:

T-284	1:20,000	1849
T-285	1:20,000	1848-9
T-3436	1:20,000	1914
T-3437	1:20,000	1914
T-5570	1:20,000	1934-5

Because of cultural changes and shoreline erosion, T-9274 supersedes the older surveys for charting purposes throughout the area covered by the present survey.

63. Comparison with Maps of Other Agencies:

USE, Columbia, N. Car. 1:125,000 1943

At this scale only a superficial comparison is feasible. There is a general agreement.

64. Comparison with Contemporary Hydrographic Surveys:

The latest hydrographic survey is H-5913, made in 1935. No comparison was made. *(with this 20-yr old survey?)*

65. Comparison with Nautical Charts:

1228 1:80,000 ed. May 1937 cor. Aug. 1951

The seven stakes charted individually along shore in Second Creek are within the foul area limits of T-9274.

1231 1:80,000 ed. Nov. 1938 cor. May 1953

Because of its larger scale T-9274 has a more detailed shoreline than the charts. Lights 16 to 26 on T-9274 lie farther east than on the charts but the direction-angles of the channel are in accord.

66. Accuracy:

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

NAUTICAL CHARTS BRANCH

SURVEY NO. 9274

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.