

10312

Diag. Cht. No. 1240-2.

Form 504

U. S. DEPARTMENT OF COMMERCE
COAST AND GEODETIC SURVEY

DESCRIPTIVE REPORT

Type of Survey Planimetric

Field No. Ph-154 Office No. T-10312

LOCALITY

State South Carolina

General locality Beaufort River

Locality Chowan Creek

1955

CHIEF OF PARTY

J.E.Waugh, Photogrammetric Party 1
W.F.Deane, Balto. District Officer

LIBRARY & ARCHIVES

DATE September 1961

COMM-DC 61300

10312

DESCRIPTIVE REPORT - DATA RECORD

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T - 10312

Ph-154
Project No. (II): ~~6774~~ Quadrangle Name (IV):
Field Office (II): Burton, S. C. Chief of Party: J. E. Waugh
Photogrammetric Office (III): Baltimore, Md. Officer-in-Charge: William F. Deane
Instructions dated (II) (III): 16 August 1955 (Field & Office) Copy filed in Division of
Photogrammetry (IV)

Method of Compilation (III): Graphic

Manuscript Scale (III): 1:10,000

Stereoscopic Plotting Instrument Scale (III):

Scale Factor (III): 1.000

Date received in Washington Office (IV):

Date reported to Nautical Chart Branch (IV):

Applied to Chart No.

Date:

Date registered (IV): 17 Feb 1960

Publication Scale (IV): N.A. 1927

Publication date (IV):

Geographic Datum (III):

Vertical Datum (III): MHW

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): OX 2, 1956

Lat.: 32° 21' 47.393" (1459.8 m) Long.: 80° 39' 01.503" (39.3 m)

Adjusted
~~X=646373~~

Plane Coordinates (IV):

State: S. C.

Zone: South

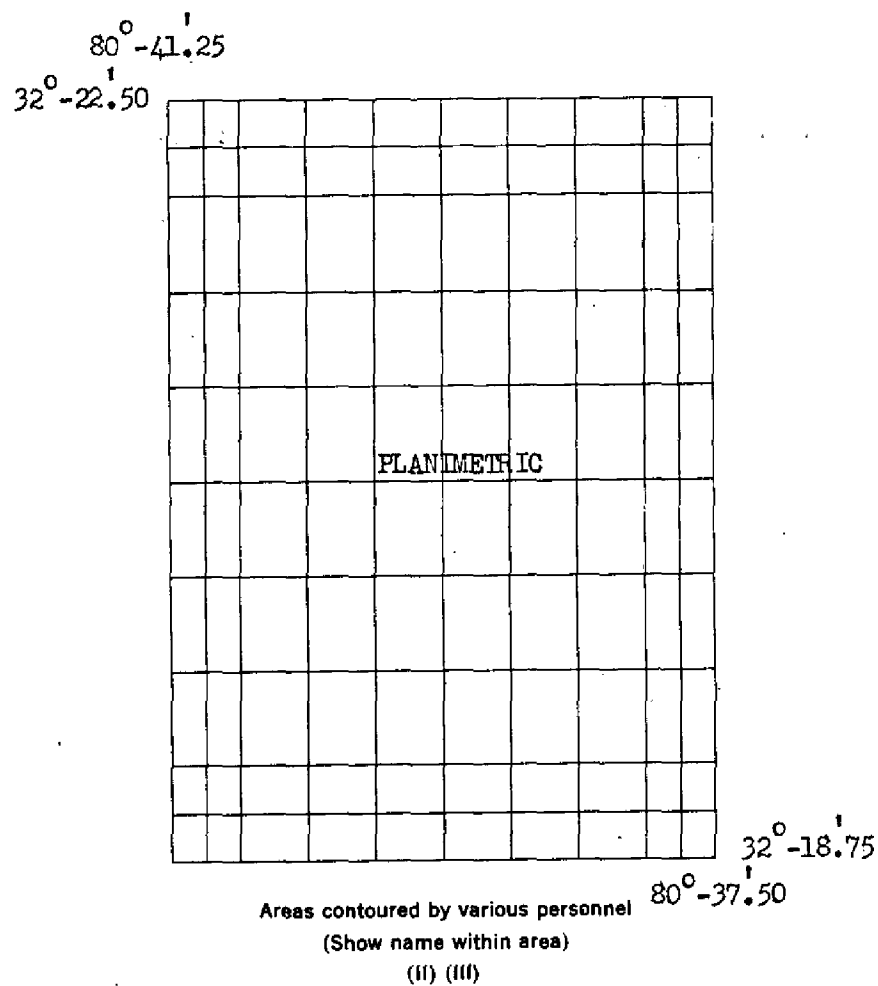
Y=

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.

DESCRIPTIVE REPORT - DATA RECORD



DESCRIPTIVE REPORT - DATA RECORD

Field Inspection by (II): Martin C. Moody
Leo F. Beugnet

Date: Nov. 1955
Nov. 1955

Planetable contouring by (II):

Date:

Completion Surveys by (II):

Date:

Mean High Water Location (III) (State date and method of location): 1955, Date of photography,
supplemented by field inspection.

Projection and Grids ruled by (IV): A. Riley

Date: 10/11/55

Projection and Grids checked by (IV): A. Riley

Date: 10/11/55

Control plotted by (III): A. W. Willis

Date: 5/23/56

Control checked by (III): E. L. Williams

Date: 6/6/56

Radial Plot or Stereoscopic

Date: 9/4/56

~~Control plotted~~ by (III): L. A. Senasack

Planimetry

Date:

Stereoscopic Instrument compilation (III):

Contours

Date:

Manuscript delineated by (III): J. Honick

Date: 2/26/59

Photogrammetric Office Review by (III): R. Glaser

Date: 4/16/59

Elevations on Manuscript
checked by (II) (III):

Date:

DESCRIPTIVE REPORT - DATA RECORD

Camera (kind or source) (III): C & GS Nine lens

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PHOTOGRAPHS (III)				
Number	Date	Time	Scale	Stage of Tide
49440 - 49441	3/23/55	1606	1:10,000	1.8 above MLW
49389 - 49391	"	1528	"	0.7 " "

Tide (III) From Predicted Tables

Reference Station: SAVANNAH RIVER ENTRANCE
Subordinate Station: Parris Island, Beaufort River
Subordinate Station: Port Royal, Battery Creek

Ratio of Ranges	Mean Range	Spring Range
	6.9	8.1
	7.1	8.3
	7.2	8.5

Washington Office Review by (IV):

Date: AUG. 1959

Final Drafting by (IV):

Date:

Drafting verified for reproduction by (IV):

Date:

Proof Edit by (IV):

Date:

Land Area (Sq. Statute Miles) (III): 12
Shoreline (More than 200 meters to opposite shore) (III): 18
Shoreline (Less than 200 meters to opposite shore) (III): 24
Control Leveling - Miles (II):
Number of Triangulation Stations searched for (II): 16
Number of BMs searched for (II): 4
Number of Recoverable Photo Stations established (III):
Number of Temporary Photo Hydro Stations established (III):

Recovered: 4 Identified: 1
Recovered: 4 Identified: 1

Remarks: In addition -

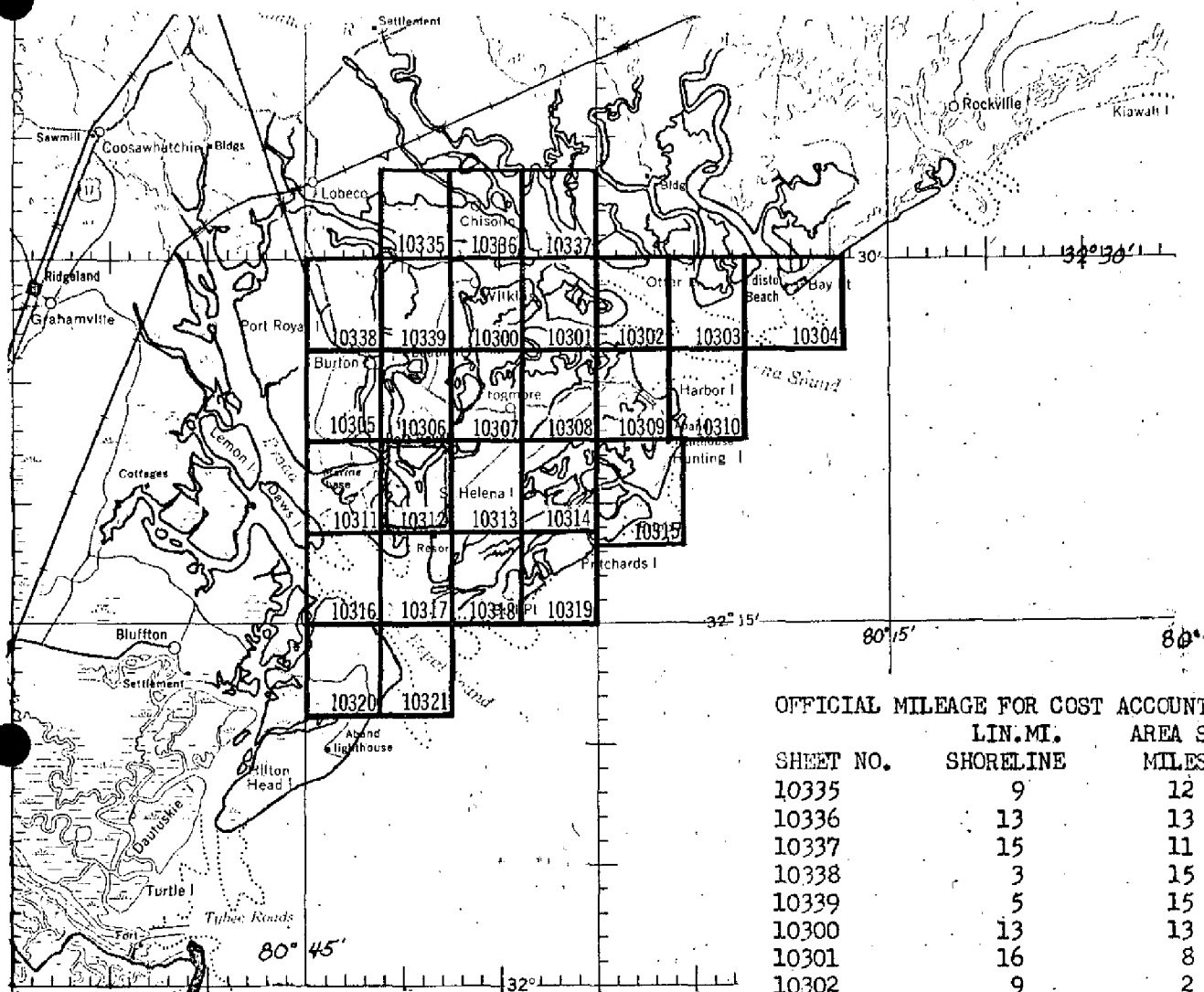
In 1955, Three 3rd order triangulation intersection stations were established, one of which was identified.

In 1956, One triangulation station was established - not identified and one was recovered and identified.

SHORELINE MAPPING PROJECT 6154

ST. HELENA SOUND TO PORT ROYAL SOUND; S. CAROLINA

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OFFICIAL MILEAGE FOR COST ACCOUNTS

SHEET NO.	LIN. MI. SHORELINE	AREA SQ. MILES
10335	9	12
10336	13	13
10337	15	11
10338	3	15
10339	5	15
10300	13	13
10301	16	8
10302	9	2
10303	9	3
10304	7	3
10305	6	15
10306	13	13
10307	8	14
10308	3	15
10309	13	11
10310	3	1
10311	9	12
10312	16	12
10313	6	15
10314	13	13
10315	13	8
10316	9	2
10317	8	4
10318	13	9
10319	9	4
10320	4	15
10321	5	1

TOTALS 250

259

FIELD INSPECTION REPORT
Project 6154
Map T-10312

Please refer to the Field Inspection Report for Map
T-10311 for all data pertaining to this map.

Leo F. Beugnet

Leo F. Beugnet
Cartographic Survey Aid

Approved & Forwarded:

J. E. Waugh

J. E. Waugh
CDR, C & GS
Chief of Party

SCALE FACTOR

1	FT. = 3048006 METER	COMM-DC-57843
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COMPILATION REPORT
T-10312

The photogrammetric plot report covering the area of this manuscript is a part of the descriptive report for T-10307.

31. DELINEATION

Graphic methods were used to delineate this manuscript.

32. CONTROL

The identification, density and placement of horizontal control was satisfactory.

33. SUPPLEMENTAL DATA

The A.M.S. Fort Fremont, South Carolina quadrangle, annotated by the names section, was used for geographic names.

34. CONTOURS AND DRAINAGE

Contours: Not applicable.

Drainage: No comment.

35. SHORELINE AND ALONGSHORE DETAILS

The shoreline inspection was adequate.

The low water line was delineated from field inspection and office interpretation of the photographs.

36. OFFSHORE DETAILS

No comment.

37. LANDMARKS AND AIDS

Forms 567 have been previously submitted for two landmarks and three nautical aids to be charted, and two landmarks to be deleted.

38. CONTROL FOR FUTURE SURVEYS

None.

39. JUNCTIONS

Junctions have been made and are in agreement with:

T-10306 to the north,
T-10317 to the south,
T-10313 to the east,
T-10311 to the west.

40. HORIZONTAL AND VERTICAL ACCURACY

41. through 45.

Not applicable.

46. COMPARISON WITH EXISTING MAPS

Comparison has been made with the following:

A.M.S. Fort Fremont, S. Carolina quadrangle, scale 1:50,000,
published in 1948.

C&GS Survey T-5188, scale 1:20,000, from 1933 photographs.

C&GS Survey T-5209, scale 1:10,000, from 1933 photographs.

C&GS Survey T-5210, scale 1:10,000 from 1933 photographs.

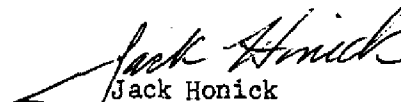
47. COMPARISON WITH NAUTICAL CHARTS

This manuscript was compared with chart No. 571, scale 1:40,000,
published October 1936, revised 3/12/56, corrected to 9/8/56.

Items to be applied to nautical charts immediately: None.

Items to be carried forward: None.

Respectfully submitted
27 February 1959


Jack Honick
Carto. Photo. Aid

Approved and forwarded


William F. Deane,
CDR, C&GS
Baltimore District Officer

48. GEOGRAPHIC NAME LIST

Adams Tree Church

Ballast Creek
Beaufort County
Beaufort River

Cane Island
Capers Creek
Cat Island
Cat Island Creek
Chowan Creek
Chowan Spit

Intracoastal Waterway

* Parris Island
Parris Island Marine Corps Recruit Depot

St. Helena Island

* B.G.N. Decision

George M. Bace
GEOGRAPHIC NAMES SECTION
28 AUGUST 1959

4-16-59

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PHOTOGRAMMETRIC OFFICE REVIEW

T-10312

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

4a. Classification label ☒

CONTROL STATIONS

5. Horizontal control stations of third-order or higher accuracy ☒ 6. Recoverable horizontal stations of less than third-order accuracy (topographic stations) ☒ 7. Photo hydro stations ☒ 8. Bench marks ☒
9. Plotting of sextant fixes ☒ 10. Photogrammetric plot report ☒ 11. Detail points ☒

ALONGSHORE AREAS

(Nautical Chart Data)

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

PHYSICAL FEATURES

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

CULTURAL FEATURES

27. Roads ☒ 28. Buildings ☒ 29. Railroads ☒ 30. Other cultural features ☒

BOUNDARIES

31. Boundary lines ☒ 32. Public land lines ☒

MISCELLANEOUS

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

40. P. Blaser Reviewer Joseph Steinberg 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:

~~TO BE DELETED~~ ~~STRIKE OUT ONE~~
TO BE DELETED

Photogrammetric Party 1
11 January 1956

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

The positions given have been checked after listing by J. E. Waugh

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.

* TABULATE SECONDS AND METERS

TO BE CHARTED
~~TO BE CHARTED~~

STRIKE OUT ONE

NONFLOATING AIDS OR LANDMARKS FOR CHARTS

Baltimore, Maryland 1 October 1957

I recommend that the following objects which have ~~(not been)~~ been inspected from seaward to determine their value as landmarks be charted on ~~(attached sheets)~~ the charts indicated.

The positions given have been checked after listing by F. J. Tarcza

William F. Deane

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.

TO BE DELETED

STRIKE OUT ONE

NON-PLACING XBS OR LANDMARKS FOR CHARTS

Photogrammetric Party 1

11 January, 1956

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

The positions given have been checked after listing by ~~Joseph E. Wench~~

Joseph E. Waugh

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.

*** TABULATE SECONDS AND METERS**

Refer to Descriptive Report T-10306
for a Review Report covering this manuscript.

Reviewed by

A. K. Hays
A. K. Hays

Approved by

L. C. Lande
L. C. Lande
Chief, Review Section

J. Bowie
J. Bowie
Chief, Coastal Survey
Division

L. W. Hanson
L. W. Hanson, Chief
Photography Division

15 April 1961
J. E. Wainwright
J. E. Wainwright
Chief, Chart Division
10/31/61

NAUTICAL CHARTS BRANCH

SURVEY NO. T-10312

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.