

10305

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-10305

LOCALITY

State South Carolina

General locality Beaufort River

Locality Port Royal

1955

CHIEF OF PARTY

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

LIBRARY & ARCHIVES

DATE October 31, 1961

USCOMM-DC 5087

10305

DESCRIPTIVE REPORT - DATA RECORD

T - 10305

Project No. (II): **Ph-154**
444 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 and 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): **19 Feb 1960**

Publication Scale (IV):

Publication date (IV):

Geographic Datum (III): **N.A. 1927**

Vertical Datum (III): **M H W**

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): **PORT ROYAL MUNICIPAL TANK, 1955**

Lat.: **32° 22' 42.710" (1315.6 m)** Long.: **80° 41' 33.429" (873.8 m)**

Adjusted
~~UNADJUSTED~~

Plane Coordinates (IV):

State: **S. Carolina** Zone: **South**

Y=

X=

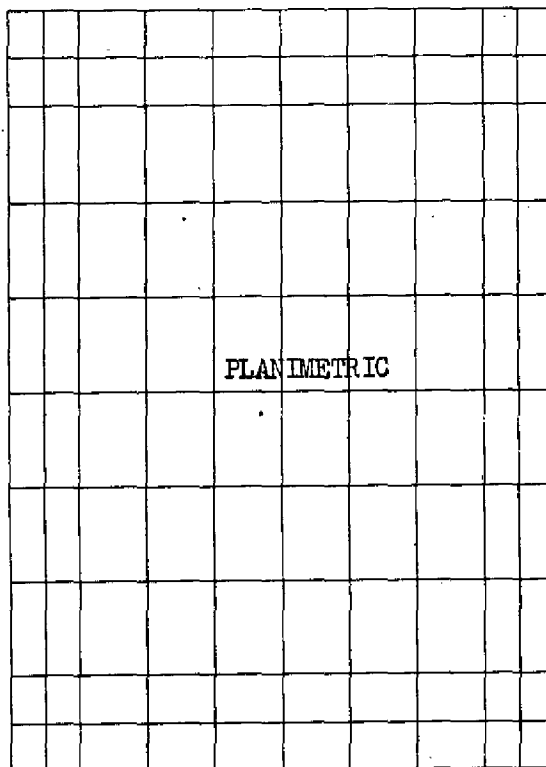
Roman numerals indicate whether the item is to be entered by (II) Field Party, (III) Photogrammetric Office,
or (IV) Washington Office.

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

DESCRIPTIVE REPORT - DATA RECORD

U.S. DEPARTMENT OF COMMERCE
COAST AND GEODETIC SURVEY

80°-45.00
32°-26.25



32°-22.50

Areas contoured by various personnel 80°-41.25
(Show name within area)
(II) (III)

DESCRIPTIVE REPORT - DATA RECORD

Field Inspection by (II): **Martin C. Moody**

Date: **Dec. 1955**

Planetable contouring by (II):

Date:

Completion Surveys by (II):

Date:

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

Projection and Grids ruled by (IV): **Austin Riley**

Date: **7 October 1955**

Projection and Grids checked by (IV): **Austin Riley**

Date: **7 October 1955**

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

Date: **21 May 1956**

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

Date: **21 May 1956**

Radial Plot ~~not done~~ **Leroy A. Senasack**
~~Spot check~~ by (III):

Date: **4 Sept. 1956**

Planimetry
Stereoscopic Instrument compilation (III):
Contours

Date:

Date:

Manuscript delineated by (III): **J. Honick**

Date: **12/1/58**

Photogrammetric Office Review by (III): **R. Glaser**

Date: **1/16/59**

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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Number	Date	Time	Scale	Stage of Tide
49488 & 89	3/24/55	0937	1:10,000	6.9' above MLLW
49528 & 23	"	1002	"	7.3' " "
49537	"	1014	"	(all land area)

PHOTOGRAPHS (III)

Tide (III)
From Predicted Tables

Reference Station: Savannah River Entrance
Subordinate Station: Port Royal, Battery Cr
Subordinate Station: Archers Cr. Ent., Broad River

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

Washington Office Review by (IV):

Date: 2/7/60

Final Drafting by (IV):

Date:

Drafting verified for reproduction by (IV):

Date:

Proof Edit by (IV):

Date:

Land Area (Sq. Statute Miles) (III): 15

Shoreline (More than 200 meters to opposite shore) (III): 17 mi.

Shoreline (Less than 200 meters to opposite shore) (III): 15 mi.

Control Leveling - Miles (II):

Number of Triangulation Stations searched for (II): 6*

Recovered:

4

Identified:

3 **

Number of BMs searched for (II): none

Recovered:

Identified:

Number of Recoverable Photo Stations established (III):

Number of Temporary Photo Hydro Stations established (III):

Remarks:

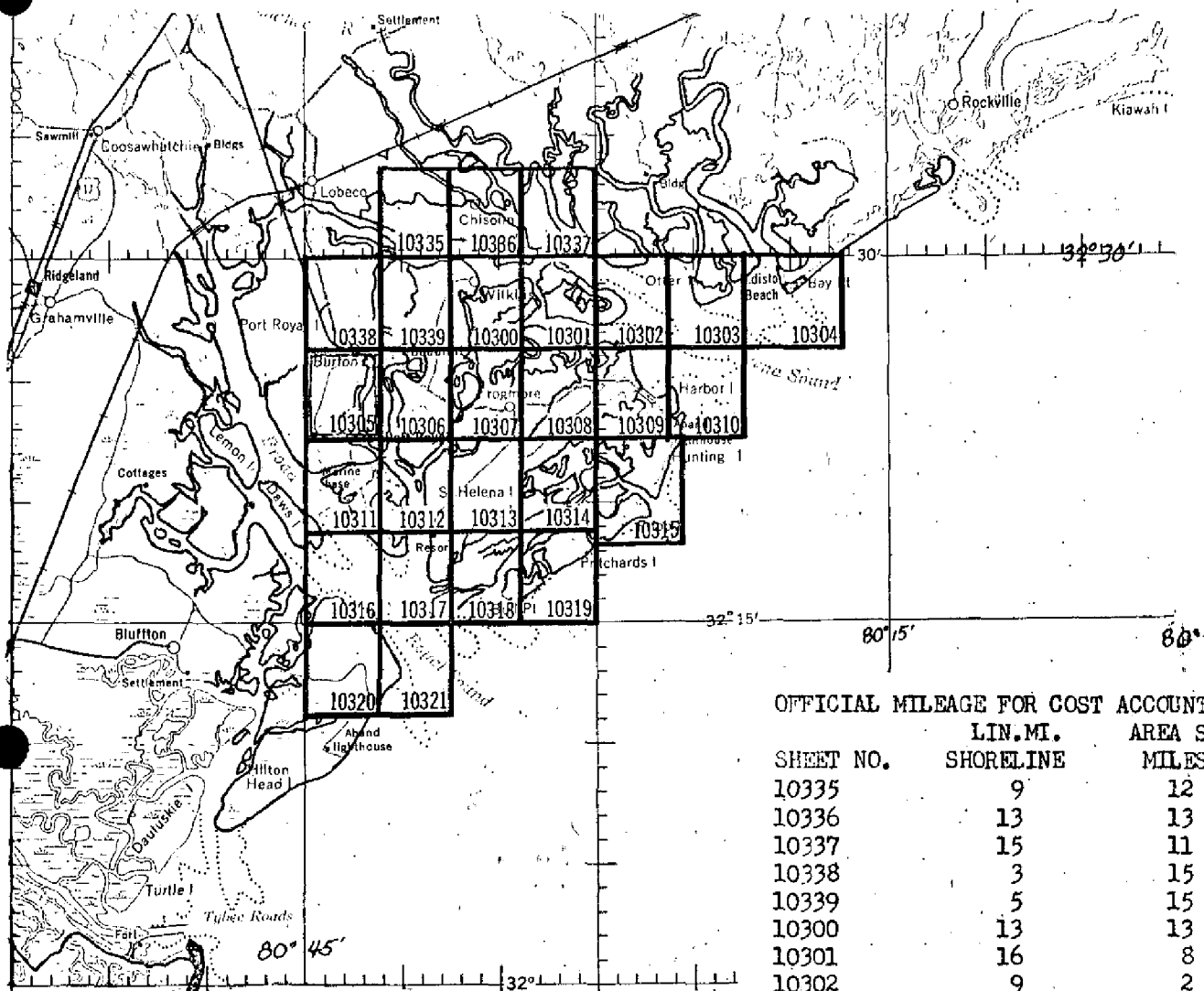
* Includes four stations west of sheet.

** Includes one third-order triangulation/intersection station established.

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-10305

Please refer to the Field Inspection Report for Map T-10306
for all data pertaining to this map.

30 JAN 1956

Leo F. Beugnet
Leo F. Beugnet
Cartographic Survey Aid

30 JAN 1956
Approved and Forwarded:

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

SCALE FACTOR

1 FT. = 3048006 METER	COMPUTED BY: J. Steinberg	DATE: 5/16/56	CHECKED BY: E. L. Williams	DATE: 5/16/56	COMM-DC-57843
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COMPILATION REPORT

T-10305

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.

The street pattern in Beaufort was not thoroughly inspected. Some small segments of the street pattern are incomplete on the manuscript where tree cover prevented complete photo interpretation.

32. CONTROL

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

33. SUPPLEMENTAL DATA

The A.M.S. Fort Fremont, S. 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 lines were delineated from partial field inspection on high water photographs and office interpretation of the photographs, using Chart No. 571 as a guide. No low water photographs were available.

36. OFFSHORE DETAILS

No comment.

37. LANDMARKS AND AIDS

Forms 567 have been submitted for one landmark 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-10338 to the north

T-10306 to the east

T-10311 to the south

No contemporary survey to the west.

40. HORIZONTAL AND VERTICAL ACCURACY

No comment.

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-5189, scale 1:20,000, from 1933 photographs.

C&GS Survey T-5208, scale 1:10,000, from 1933 photographs.

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

47. COMPARISON WITH NAUTICAL CHARTS

This manuscript was compared with the following charts:

Chart No. 571, scale 1:40,000, published Oct. 1936 (10th edition), corrected to 3/12/56.

Items to be applied to nautical charts immediately: None.

Items to be carried forward: None.

Respectfully submitted
1 December 1958

Approved and forwarded:

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

Jack Honick
Jack Honick
Carto. Photo. Aid

48. GEOGRAPHIC NAME LIST

* Battery Creek
Beaufort
Beaufort County
Beaufort River (Title)
Beaufort Memorial Hospital

Calvary Temple
Charleston & Western Carolina R.R.
Jericho Church (On State Hwy.280)
Jericho Church
Jericho Creek

Mather School

New Hope Church

Parris Island Marine Corps Recruit Depot
Port Royal
Port Royal Island

S.C. 280 (Hwy.)
S.C. 281 (Hwy.)
St. Paul Church

*B.G.N.Decision

George M. Ball
Geographic Names Section
2 September 1959

1-16-59

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PHOTOGRAMMETRIC OFFICE REVIEW

T-10305

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. S. Sloan
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 CHARTED
VQ/PB/PF/VF/VF/P

Photogrammetric Party 1.

11 Jan. 1956

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

/s/ J. E. 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 by individual field survey sheets. Information under each column heading should be given.

Comm-DC 28356

STRIKE OUT ONE

Photogrammetric Party No. 1 11 January 1956

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

/s/ J. E. 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 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. Heywood
A. K. Heywood

Approved by

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

J. B. Bower
Chief, Coastal Surveys
Division

L. F. Woodcock
Asst. L. W. Swanson, Chief
Photogrammetry Division

Chief, Chart Division

NAUTICAL CHARTS BRANCH

SURVEY NO. *T-10305*

Record of Application to Charts *Reviewed 2-10-60*

[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.