

10308

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-10308

LOCALITY

State South Carolina

General locality St. Helena Island

Locality Village Creek

19 55

CHIEF OF PARTY

J.E.Waugh, Photogrammetric Party 1

W.F.Deane, Balto. District Officer

LIBRARY & ARCHIVES

DATE October 31, 1961

USCOMM-DC 5087

10308

DESCRIPTIVE REPORT - DATA RECORD

T-10308

Project No. (II): **Ph-154**
4774 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): **23 Feb 1960**

Publication Scale (IV):

Publication date (IV):

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

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): **HELENA, 1933**

Lat.: **32° 23' 55.870" (1721.0 m)** Long.: **80° 30' 43.253" (1130.4 m)**

Adjusted

~~1130.4 m~~

Plane Coordinates (IV):

State: **S. C.**

Zone: **South**

Y=

X=

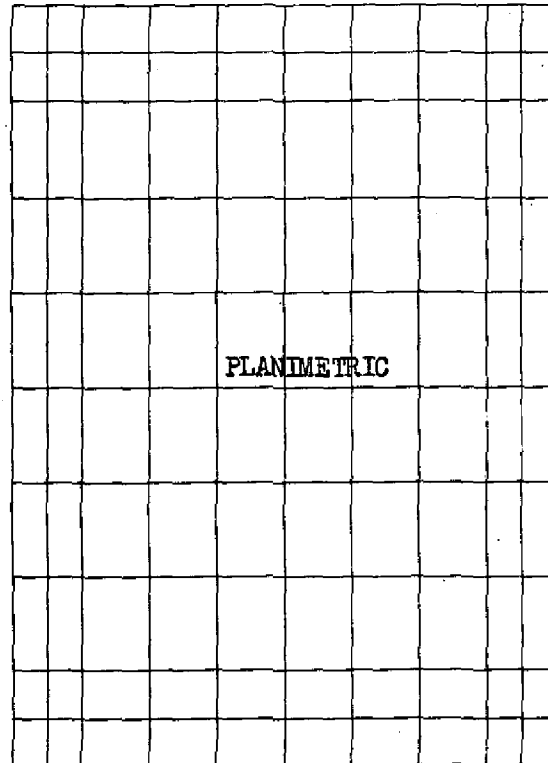
Roman numerals indicate whether the item is to be entered by (II) Field Party, (III) Photogrammetric Office,
or (IV) Washington Office.

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

FORM 181a
(4-23-54)

DESCRIPTIVE REPORT - DATA RECORD

U. S. DEPARTMENT OF COMMERCE
COAST AND GEODETIC SURVEY



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

DESCRIPTIVE REPORT - DATA RECORD

Field Inspection by (II): J. S. Winter

Date: Sept. to Oct. 1955

Planetable contouring by (II):

Date:

Completion Surveys by (II):

Date:

Mean High Water Location (III) (State date and method of location): Field inspection in October 1955
on photographs of March 1955.

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

Date: 9/21/55

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

Date: 9/21/55

Control plotted by (III): F. M. Wisiecki

Date: 10/31/55

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

Date: 10/31/55

Radial Plot ~~on Stereoscopic~~ Leroy A. Senasack
~~Control extended by (III):~~

Date: 4 September 1956

Stereoscopic Instrument compilation (III):
Planimetry
Contours

Date:

Date:

Manuscript delineated by (III): J. B. Phillips
Judson Council

Date: 10/22/58

Photogrammetric Office Review by (III): R. Glaser

Date: 12/2/58

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

Date:

DESCRIPTIVE REPORT - DATA RECORD

Camera (kind or source) (III): C&GS nine-lens.

Number	Date	PHOTOGRAPHS (III)		Scale	Stage of Tide
		Time			
49318-9	3/23/55	1434		1:10,000	0.0'
49361-2	"	1506 & 7		"	0.5' above MLW
49363	"	1508		"	0.6' " "
49395	"	1530		"	0.0'

Tide (III) From Predicted Tide Tables

Reference Station: SAVANNAH RIVER ENT.
Subordinate Station: HARBOR RIVER ENT.
Subordinate Station: CLUB BRIDGE CREEK ENT.

Ratio of Ranges	Mean Range	Spring Range
	6.9	8.1
	6.1	7.2
	6.8	8.0

Washington Office Review by (IV):

Date:

Final Drafting by (IV):

Date:

Drafting verified for reproduction by (IV):

Date:

Proof Edit by (IV):

Date:

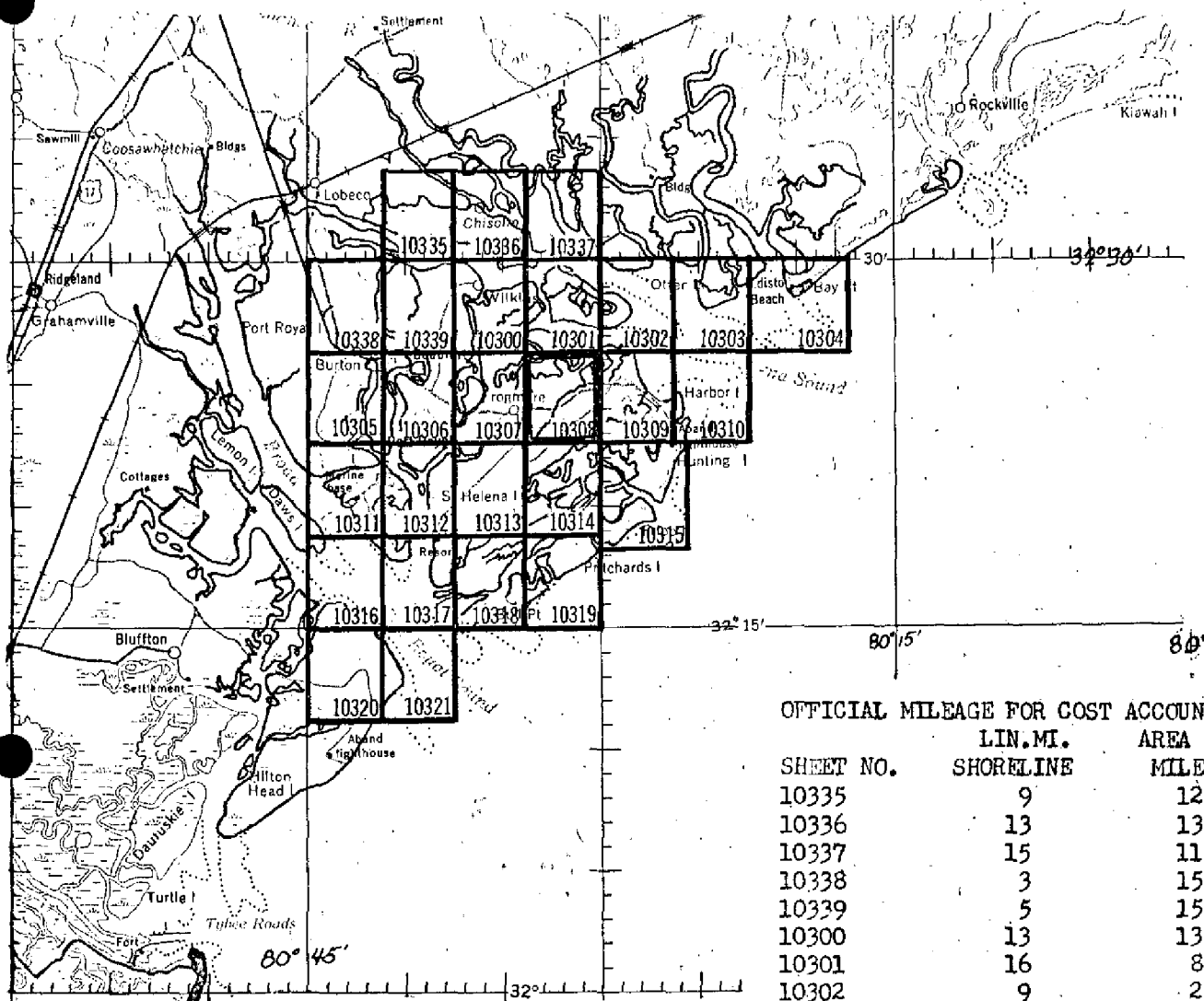
Land Area (Sq. Statute Miles) (III): 15
Shoreline (More than 200 meters to opposite shore) (II): 6 mi.
Shoreline (Less than 200 meters to opposite shore) (II): 17 mi.
Control Leveling - Miles (II):
Number of Triangulation Stations searched for (II): 2 Recovered: 2 Identified: 2
Number of BMs searched for (II): None Recovered: Identified:
Number of Recoverable Photo Stations established (III): None
Number of Temporary Photo Hydro Stations established (III): None

Remarks:

SHORELINE MAPPING PROJECT 6154

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

5



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-10308

Please refer to the Field Inspection Report for Map
T-10307 for all data pertaining to this map.

Joseph K. Wilson
Joseph K. Wilson
Cartographer

7 NOV 1955

Approved & Forwarded:

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

SCALE FACTOR

1 FT. = 3048006 METER

COMPUTED BY: F. M. Wisiecki	DATE 10/28/55
CHECKED BY: E. L. Williams	DATE 10/31/55

COMM-DC-5784

COMPILATION REPORT
T-10308

The field inspection report and the photogrammetric plot report covering the area of this survey will be found in the descriptive report for T-10307.

31. DELINEATION

This map manuscript was compiled by graphic methods.

32. CONTROL

Identification, density and placement of horizontal control is considered adequate.

33. SUPPLEMENTAL DATA

For geographic names, an annotated A.M.S. quadrangle, Fort Freemont, S. C., was used.

34. CONTOURS AND DRAINAGE

Contours: Not applicable.

Drainage: No comment.

35. SHORELINE AND ALONGSHORE DETAILS

The shoreline inspection was satisfactory.

Approximate low water and mud lines are based on notes furnished by field inspection on photographs. Some of the mud areas in the S. E. corner of the manuscript were office interpreted and their intricate patterns were generalized.

36. OFFSHORE DETAILS

No comment.

37. LANDMARKS AND AIDS

None.

38. CONTROL FOR FUTURE SURVEYS

None.

39. JUNCTIONS

Junctions are in agreement with:

T-10301 to the north

T-10309 to the east

T-10314 to the south

T-10307 to the west

40. HORIZONTAL AND VERTICAL ACCURACY

No comment.

41. through 45. - Not applicable.

46. COMPARISON WITH EXISTING MAPS

1. AMS quadrangle Fort Freemont, S. C., scale 1:50,000, dated 1948.
2. C&GS, T-5187, Harbor River, scale 1:20,000, photographs of 1933.

47. COMPARISON WITH NAUTICAL CHART

This map manuscript has been compared with chart No. 793, scale 1:40,000, published September 1937, corrected to June 1956.

Items to be applied to nautical charts immediately: None.

Items to be carried forward: None.

Respectfully submitted
Oct. 22, 1958

Judson Y. Council

Judson Y. Council
Carto. Photo. Aid

Approved and forwarded

William F. Deane

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

48. GEOGRAPHIC NAME LIST

Beaufort County

Edding Creek

First African Church

Harbor River

Hope Cemetery

Jenkins Creek

Nazareth Church

Pine Island Creek

Scotwell Church

Sea Side Road

St. Helena Island

ST. Helena Island High School

U.S. 21 (Hwy.)

Village Creek

George M. Ball
Geographic Names Section
September 1959

12-2-58

50-

PHOTOGRAMMETRIC OFFICE REVIEW

T-10308

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

CONTROL STATIONS

4a. Classification label ☒

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. R. Glaser
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:

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

Reviewed by

A. K. Hunsford
A. K. Hunsford

Approved by

L. C. Land
L. C. Land
Chief, Review Section

J. Bowie
J. Bowie
Chief, Central Survey
Division

L. F. Woodcock
Ass't L. F. Woodcock, Chief
Photogrammetry Division

Chief, Chart Division

NAUTICAL CHARTS BRANCH

SURVEY NO. *T-10308*

Reviewed Feb 10, 1960

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.