

10337

Diag. Cht. No. 1240-2 and Insert.

Form 504

U. S. DEPARTMENT OF COMMERCE
COAST AND GEODETIC SURVEY

DESCRIPTIVE REPORT

Type of Survey Planimetric

Field No. Ph-154 Office No. T-10337

LOCALITY

State South Carolina

General locality Coosaw River

Locality Combahee River

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

10337

DESCRIPTIVE REPORT - DATA RECORD

T -10337

Project No. (II): **Ph-154** Quadrangle Name (IV):

Field Office (II): **Burton, S. C.** Chief of Party: **J. E. Waugh**

Photogrammetric Office (III): **Baltimore, Maryland** Officer-in-Charge: **W. 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): **MAY 26 1960** Date reported to Nautical Chart Branch (IV):

Applied to Chart No. Date: Date registered (IV): **25 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 (2) refer to sounding datum
i.e., mean low water or mean lower low water

Reference Station (III): **BOLD, 1934**

Lat.: **32° 32' 51.353" (1581.9m)** Long.: **80° 31' 15.960" (416.4 m)** Adjusted
~~Unadjusted~~

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

Field Inspection by (II): W. M. Reynolds
L. F. Beugnet
J. L. Mann

Date: January 1954
October 1955
October 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
Field inspection 1955.

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

Date: 8/22/55

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

Date: 8/22/55

Control plotted by (III): J. C. Cregan

Date: 10/27/55

Control checked by (III): A. Queen

Date: 11/1/55

Radial Plot ~~and Stereoscopic~~

Date: 1/4/56

~~Control checked~~ by (III): B. F. Lampton

Planimetry

Date:

Stereoscopic Instrument compilation (III):

Contours

Date:

Manuscript delineated by (III): R. Whitson
J. Council

Date: 7/17/58

Photogrammetric Office Review by (III): R. Glaser

Date: 8/22/58

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

Date:

DESCRIPTIVE REPORT - DATA RECORD

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

PHOTOGRAPHS (III)				
Number	Date	Time	Scale	Stage of Tide
35751	3/16/52	1158	1:10,000	5.6 above MLW
40797	5/31/53	Clock stopped	"	- - -
49264	3/23/55	1352	"	-0.7 below MLW
49479 & 80	3/24/55	0933	"	6.7 above MLW
49449	3/23/55	1610	"	1.0 " "
35683	3/16/52	1049	"	5.4 " "

Tide (III)
From Predicted Tables

Reference Station: Savannah River Entrance
Subordinate Station: Combahee Bank
Subordinate Station: Fields Point

Ratio of Ranges	Mean Range	Spring Range
	6.9	8.1
	6.2	7.3
	6.4	7.5

Washington Office Review by (IV): *A. K. Hargwood*

Date: 2/5/1960

Final Drafting by (IV):

Date:

Drafting verified for reproduction by (IV):

Date:

Proof Edit by (IV):

Date:

Land Area (Sq. Statute Miles) (III): 9
Shoreline (More than 200 meters to opposite shore) (III): 17
Shoreline (Less than 200 meters to opposite shore) (III): 22
Control Leveling - Miles (II):
Number of Triangulation Stations searched for (II): 7* Recovered: 3 Identified: 3
Number of BMs searched for (II): 0 Recovered: Identified:
Number of Recoverable Photo Stations established (III):
Number of Temporary Photo Hydro Stations established (III):

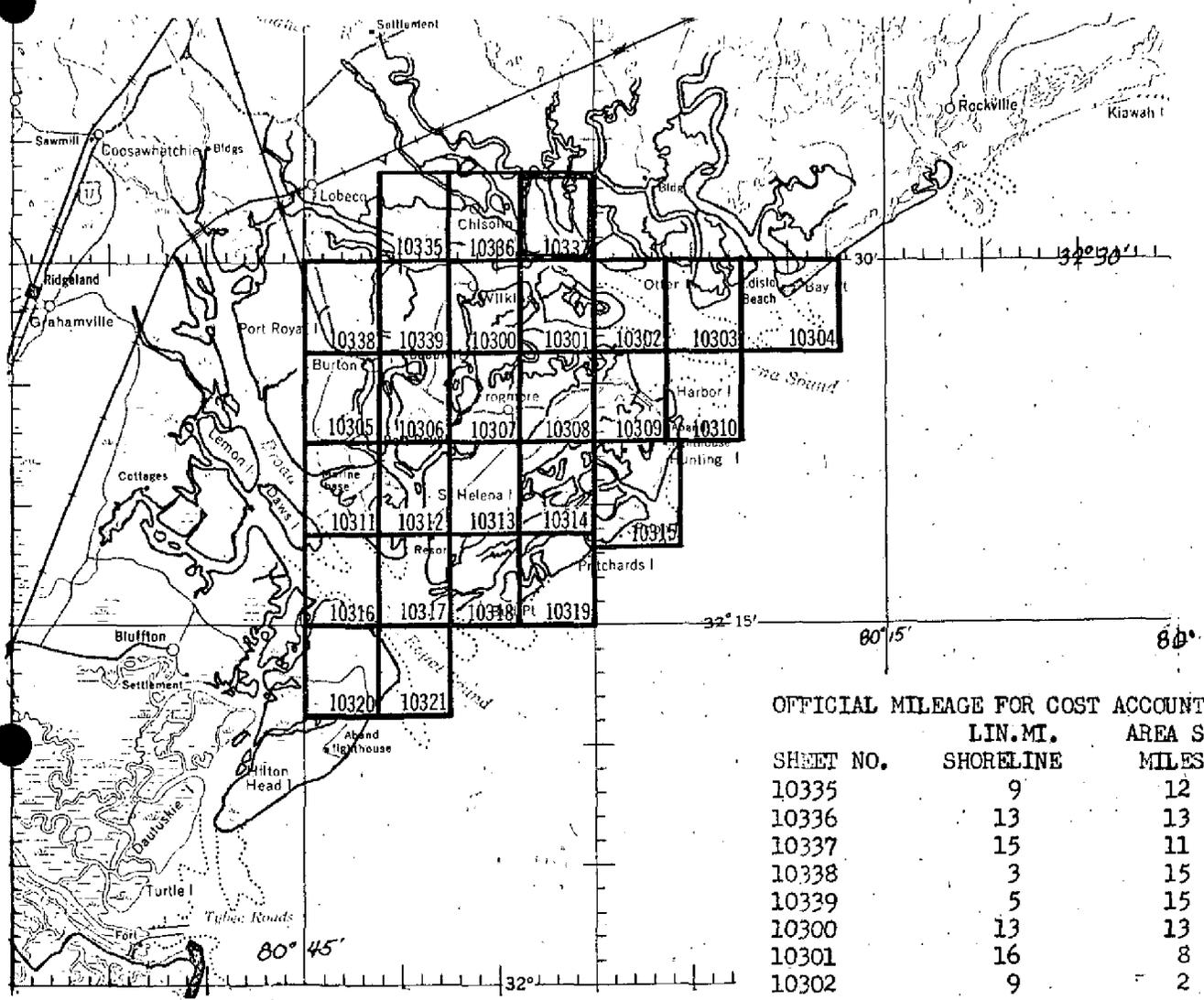
Remarks:

*In addition two third-order triangulation stations established

Identified: 1

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-10337

Please refer to the Field Inspection Report for Map T-10300
for all data pertaining to this map.

21 OCT 1955

Joseph K. Wilson
Joseph K. Wilson
Cartographer

Approved & Forwarded:

J. E. Waugh 21 OCT 1955
J. E. Waugh
CDR, C & GS
Chief of Party

COMPILATION REPORT
T-10337

The Radial plot report for the survey is included in the descriptive report for T-10315.

31. DELINEATION

This map manuscript was compiled by graphic methods.

32. CONTROL

The identification, density and placement of horizontal control is considered adequate.

33. SUPPLEMENTAL DATA

An annotated copy of A. M. S. Green Pond S. C. quadrangle was used for geographic names.

34. CONTOURS AND DRAINAGE

Contours: Not applicable.

Drainage: No comment.

35. SHORELINE AND ALONGSHORE DETAILS

Shoreline inspection furnished by field party was considered adequate.

Low water and shoal lines are based on data furnished by the field party.

36. OFFSHORE DETAILS

No comment.

37. LANDMARKS AND AIDS

There are no landmarks on this map.

Positions for two non-floating aids have been submitted on Form 567.

38. CONTROL FOR FUTURE SURVEYS

Form 524 for one recoverable topographic station was previously submitted on December 1955 for use by the hydrographic party.

39. JUNCTIONS

Junctions are in agreement between this manuscript and the following:

T-11123 (Ph-81) to the east.

T-10336 to the west and all-water junction with T-10301 to the south.

There is no contemporary survey to the north.

40. HORIZONTAL AND VERTICAL ACCURACY

No comment.

41. through 45

Not applicable.

46. COMPARISON WITH EXISTING MAPS

This map manuscript has been compared with the following maps:

A.M.S. quadrangle Green Pond, S. C., scale 1:50,000, dated 1948.

T-5156 (USC&GS) scale 1:20,000, Ashepoo River-Big Bay Creek, S. C., 1933.

T-5206 (USC&GS) scale 1:10,000, Morgan Island, S. C., 1933.

T-5186 (USC&GS) scale 1:10,000, Hutchinson Island to New Chehaw River, S. C., 1936.

47. COMPARISON WITH NAUTICAL CHARTS

This map manuscript has been compared with (1) Chart No. 794, scale 1:40,000 published January 1937, revised to April 1955. (2) Chart No. 838, scale 1:40,000, published March 1952, corrected to July 1957.

Items to be applied to nautical charts immediately: None.

Items to be carried forward: None.

Respectfully submitted
17 July 1958

J. Council

J. Council
Carto. Photo. Aid

Approved and forwarded

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

48. GEOGRAPHIC NAME LIST

Ashe Island
Ashepoo-Coosaw Cutoff

Beaufort County
Beet Island
Bolders Island
Bull River

Colleton County
* Combahee River
* Coosaw River

Hutchingson Island

Intracoastal Waterway

New Chehaw River

Old Chehaw River

Rock Creek

Warren Island

* B.G.N. Decisions

George M. Bass
Geographic Names Section
1 September 1959

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PHOTOGRAMMETRIC OFFICE REVIEW

T.

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. Reefs, 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. G. 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. Raymond
A. K. Raymond

Approved by

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

J. Bowe
Chief, Coastal Surveys
Division

L. J. Woodcock
Asst. *L. N. Swanson*, Chief
Photogrammetry Division

Chief, Chart Division

