

10319

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-10319

LOCALITY

State South Carolina

General locality Port Royal Sound

Locality Pritchards Island

1955

CHIEF OF PARTY

J.E. Waugh, Chief of Field Party
W.F. Deane, District Officer

LIBRARY & ARCHIVES

DATE November 17, 1961

USCOMM-DC 5087

10319

DESCRIPTIVE REPORT - DATA RECORD

T-10319

Project No. (II): **Ph-154**
~~6154~~ Quadrangle Name (IV):

Field Office (II): **Burton, S. C.** Chief of Party: **J. E. Waugh**
Photogrammetric Office (III): **Baltimore, Md.** Officer-in-Charge: **W. 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): **18 Feb 1960**

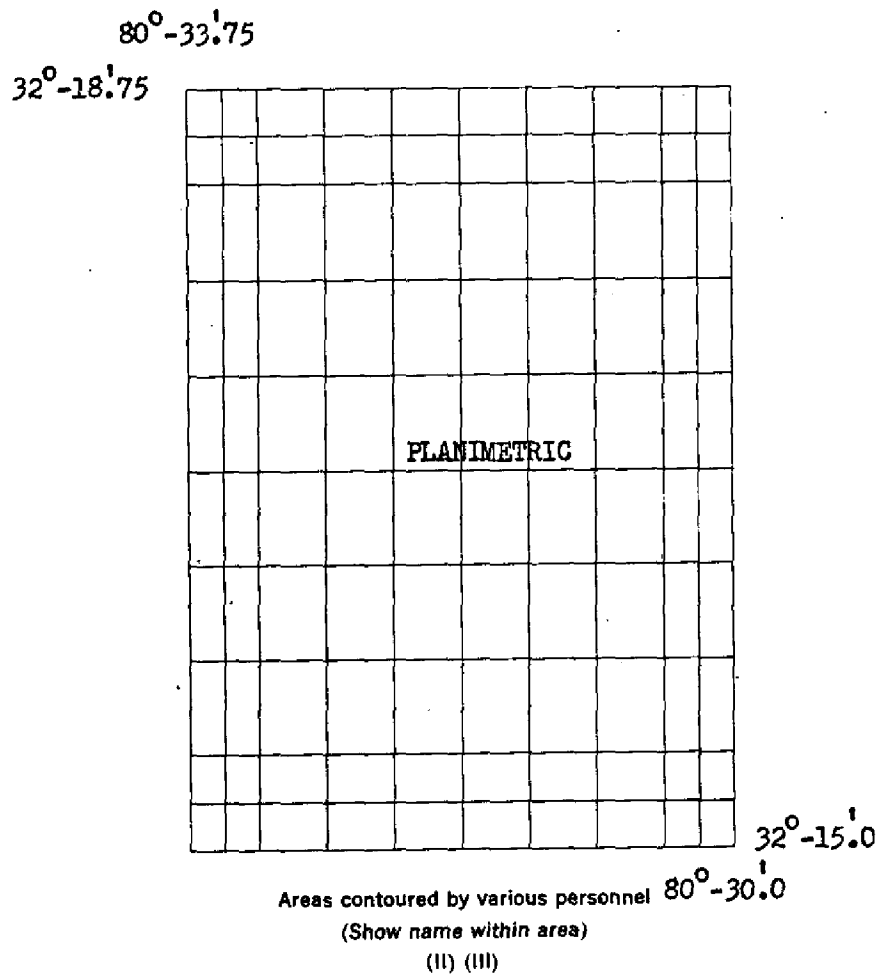
Publication Scale (IV): Publication date (IV):
Geographic Datum (III): **N.A. 1927** Vertical Datum (III): **M.H.W.**
Mean sea level except as follows:
Elevations shown as (25) refer to mean high water
Elevations shown as (6) refer to sounding datum
i.e., mean low water or mean lower low water

Reference Station (III): **STORY 2, 1933**
Lat.: **32° 19' 24.600" (757.8 m)** Long.: **80° 31' 48.009" (1255.7 m)** ~~Unadjusted~~ ^{Adjusted}
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



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Field Inspection by (II): Martin C. Moody

Date: Sept., Oct., 1955

Planetable contouring by (II):

Date:

Completion Surveys by (II):

Date:

Mean High Water Location (III) (State date and method of location): March 1955 photo-interpretation
Supplemented by November 1955 photographs for shoreline at changeable
inlets.

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

Date: 9/22/55

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

Date: 9/22/55

Control plotted by (III): None

Date:

Control checked by (III):

Date:

Radial Plot ~~on Stereoscopic~~

Date: 9/4/56

~~XXXXXXXXXXXXXXXXXXXX~~ by (III): L. A. Senasack

Planimetry

Date:

Stereoscopic Instrument compilation (III):

Contours

Date:

Manuscript delineated by (III): R. Glaser
J. A. Mooney, Jr.

Date: 9/5/58

Photogrammetric Office Review by (III): H. R. Rudolph

Date: 10/13/58

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

Date:

DESCRIPTIVE REPORT - DATA RECORD

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

4

Number	Date	PHOTOGRAPHS (III)		Scale	Stage of Tide
		Time			
49321 - 49323	3/23/55	1441		1:10,000	0.2' above MLW
49412 - 49413	"	1544		"	1.7' " "
52244 - 52245	11/21/55	1047		"	5.4' " "

Tide (III) From Predicted Tables

Reference Station: Savannah River Ent.
Subordinate Station: Fripp Inlet
Subordinate Station: Hilton Head

Ratio of Ranges	Mean Range	Spring Range
	6.9	8.1
	6.2	7.3
	6.6	7.8

Washington Office Review by (IV):

A. K. Kingwood

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) (II): 4

Shoreline (More than 200 meters to opposite shore) (III): 7 mi.

Shoreline (Less than 200 meters to opposite shore) (III): 18 mi.

Control Leveling - Miles (II):

Number of Triangulation Stations searched for (II): None Recovered: None Identified: None

Number of BMs searched for (II): None Recovered: None Identified: None

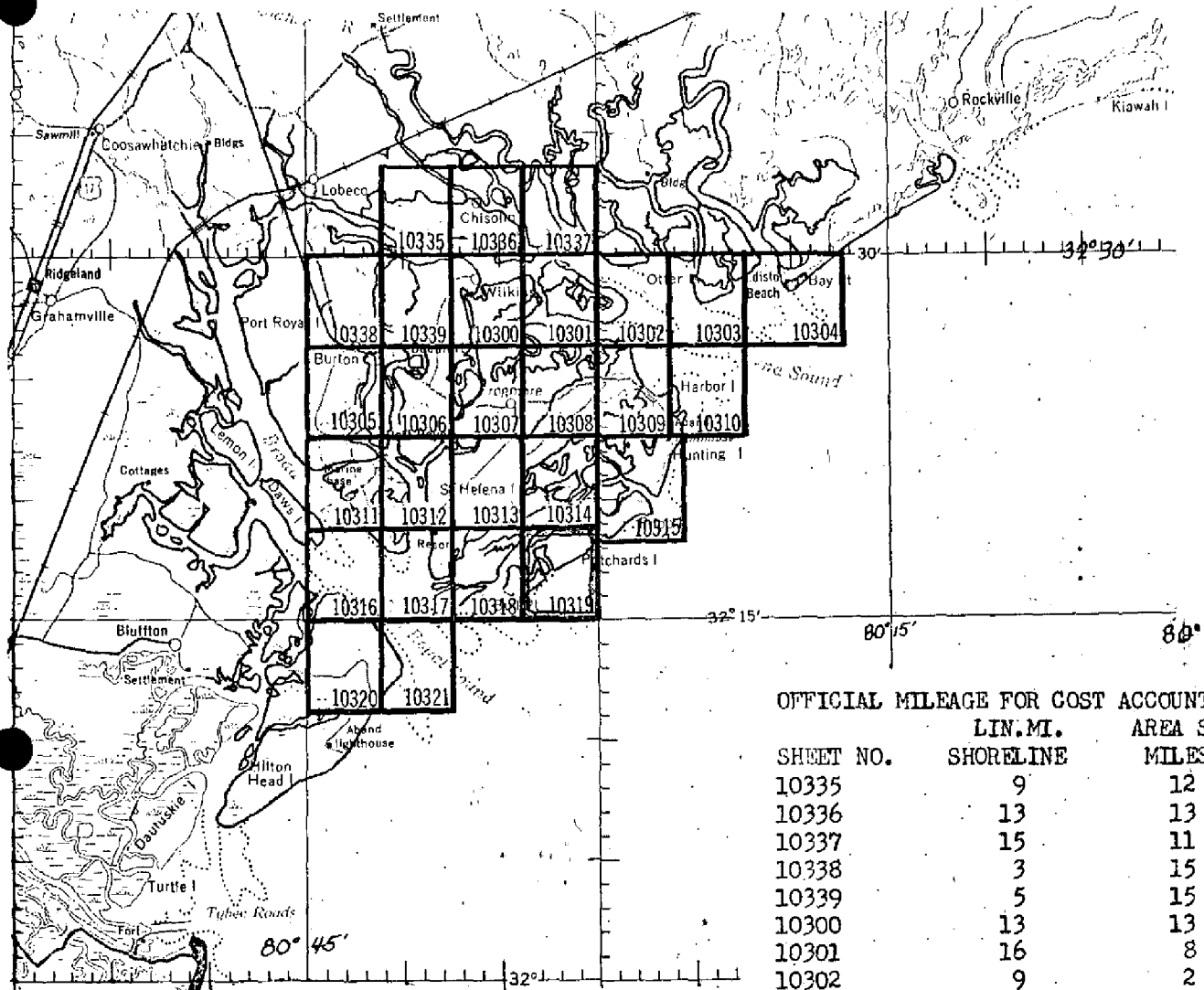
Number of Recoverable Photo Stations established (III): 3

Number of Temporary Photo Hydro Stations established (III): None.

Remarks:

SHORELINE MAPPING PROJECT 6154

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



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-10319

Please refer to the Field Inspection Report for Map
T-10316 for all data pertaining to this map.

15 JAN 1956

Isaiah Y. Fitzgerald
Isaiah Y. Fitzgerald
Photogrammetric Engineer

Approved & Forwarded:

J. E. Waugh

15 JAN 1956

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

COMPILATION REPORT
T-10319

The photogrammetric plot report is a part of Descriptive Report, T-10307.

31. DELINEATION

The map manuscript was delineated by graphic methods. Field inspection was adequate.

32. CONTROL

There was no control on this survey.

33. SUPPLEMENTAL DATA

An annotated copy of AMS, St. Helena Sound quadrangle was used for geographic names.

34. CONTOURS AND DRAINAGE

Contours: Not applicable.

Drainage: No comment.

35. SHORELINE AND ALONGSHORE DETAILS

Shoreline inspection was adequate. The shoreline at Pritchards inlet and Skull inlet has been revised using November 1955 photographs, which were taken after the field inspection. The approximate low water was delineated from the March 1955 photographs, because they were at a lower state of tide.

36. OFFSHORE DETAILS

No comment.

37. LANDMARKS AND AIDS

None.

38. CONTROL FOR FUTURE SURVEYS

Three Forms 524 for SICK, 1955; UGLY, 1955; ZOOM, 1955; have been submitted in October 1956 for use by the hydrographic party. They are not listed under Item 49.

39. JUNCTIONS

Junctions have been made with T-10314 to the north, T-10318 to the west and T-10315 to the east.¹⁰ The south is all water area.

40. HORIZONTAL AND VERTICAL ACCURACY

No comment.

41 through 45. Not applicable.

46. COMPARISON WITH EXISTING MAPS

This survey has been compared with:

- (a) AMS, Fort Fremont quadrangle, dated 1948, scale 1:50,000.
- (b) T-5187, Harbor River, compiled from 1933 photographs, scale 1:20,000.
- (c) T-5188, Trenchards Inlet, compiled from 1933 photographs, scale 1:20,000.

47. COMPARISON WITH NAUTICAL CHARTS

This survey has been compared with chart 793, scale 1:40,000, edition of September 1937, revised 1/23/56 and chart 571, scale 1:40,000, edition of October 1936, revised 9/8/56.

Items to be applied to nautical charts immediately: None.

Items to be carried forward: None.

Respectfully submitted
18 September 1958

John A. Mooney, Jr.
Sur. & Carto. Aid

Approved and forwarded

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

John A. Mooney Jr.

48. GEOGRAPHIC NAME LIST

Atlantic Ocean

Beaufort County

Carpers Island

Fripps Island

Moon Creek

Port Royal Sound (Title)

* Pritchards Inlet

* Pritchards Island

Skull Creek

Skull Inlet

* Trenchards Inlet

* B.G.N. Decision

George M. Bane
GEOGRAPHIC NAMES SECTION
28 AUGUST 1959

PHOTOGRAMMETRIC OFFICE REVIEW

T. 10319

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

4a. Classification label H.R.R.

CONTROL STATIONS

5. Horizontal control stations of third-order or higher accuracy None 6. Recoverable horizontal stations of less than third-order accuracy (topographic stations) H.R.R. 7. Photo-hydro-stations 8. Bench marks
9. Plotting of sextant fixes 10. Photogrammetric plot report H.R.R. 11. Detail points H.R.R.

ALONGSHORE AREAS

(Nautical Chart Data)

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

PHYSICAL FEATURES

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

CULTURAL FEATURES

27. Roads 28. Buildings 29. Railroads 30. Other cultural features H.R.R.

BOUNDARIES

31. Boundary lines 32. Public land lines

MISCELLANEOUS

33. Geographic names H.R.R. 34. Junctions H.R.R. 35. Legibility of the manuscript H.R.R. 36. Discrepancy overlay 37. Descriptive Report H.R.R. 38. Field inspection photographs H.R.R. 39. Forms H.R.R.
40. Harvey R. Rudolph Joseph Steinberg
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:

Refer to Descriptive Report T-10346
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

G. B. Mast
Asst. Chief, Coastal Surveys
Division

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

J. E. Waugh 11/27/61
Chief, Chart Division
Nautical Chart Division
Office of Cartography

NAUTICAL CHARTS BRANCH

SURVEY NO. T-10319

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.