

10318

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-10318

LOCALITY

State South Carolina

General locality Port Royal Sound

Locality Trenchards Inlet

1955

CHIEF OF PARTY

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

LIBRARY & ARCHIVES

DATE November 17, 1961

USCOMM-DC 5087

10318

DESCRIPTIVE REPORT - DATA RECORD

T- 10318

Project No. (II): **Ph-154**
16154/ 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): **18 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): **TIDE, 1933**

Lat.: **32° 17' 53.933" (1661.2 m)** Long.: **80° 34' 52.406" (1371.1 m)** Adjusted
~~0.000000~~

Plane Coordinates (IV):

State: **South Carolina** Zone: **South**

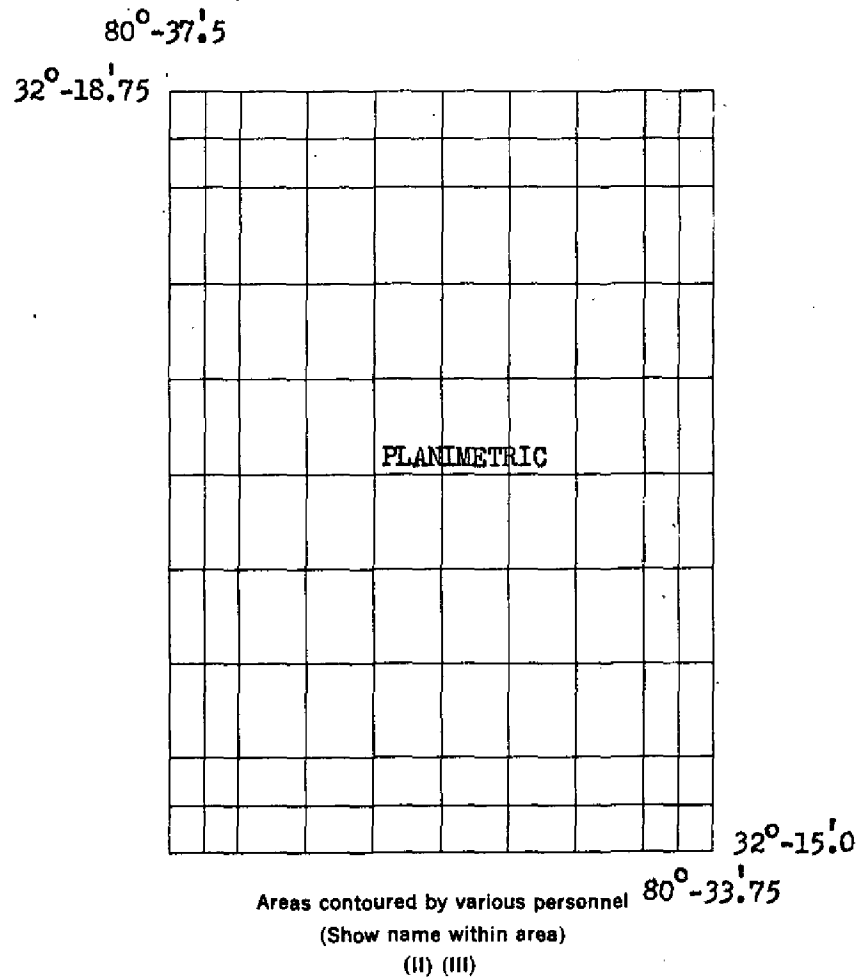
Y=

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



DESCRIPTIVE REPORT - DATA RECORD

Field Inspection by (II): **Martin C. Moody**
John S. Winter
Leo F. Beugnet

Date: **Sept., Oct., 1955**
Sept., Oct., 1955
Nov., 1955

Planetable contouring by (II):

Date:

Completion Surveys by (II):

Date:

Mean High Water Location (III) (State date and method of location): **Field inspection supplemented by office interpretation of photographs taken 21 November 1955.**

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

Date: **10/11/55**

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

Date: **10/11/55**

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

Date: **5/25/56**

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

Date: **5/25/56**

Radial Plot of ~~Stereoscopic~~ **Leroy A. Senasack**
~~Stereoscopic~~ by (III):

Date: **9/4/56**

Planimetry
Stereoscopic Instrument compilation (III):
Contours

Date:

Date:

Manuscript delineated by (III): **Leroy A. Senasack**
H. R. Rudolph

Date: **11/19/58**

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

Date: **3/30/59**

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

Date:

DESCRIPTIVE REPORT - DATA RECORD

U.S. DEPARTMENT OF COMMERCE
COAST AND GEODETIC SURVEY

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

4

Number	Date	Time	Scale	Stage of Tide
49320 & 49321	3/23/55	1440	1:10,000	0.3' above MLW
49367	"	1510	"	1.0 " "
49413 thru 49415	"	1545	"	2.1 " "
52246 & 52247	11/21/55	1049	"	5.8 " "

Tide (III) From Predicted Tide Tables

Reference Station: Savannah River Entrance
Subordinate Station: Hilton Head
Subordinate Station:

Ratio of Ranges	Mean Range	Spring Range
	6.9	8.1
	6.6	7.8

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): 9
Shoreline (More than 200 meters to opposite shore) (III): 13
Shoreline (Less than 200 meters to opposite shore) (III): 35
Control Leveling - Miles (II):
Number of Triangulation Stations searched for (II): * 5 Recovered: 3 Identified: 3
Number of BMs searched for (II): None Recovered: None Identified: None
Number of Recoverable Photo Stations established (III):
Number of Temporary Photo Hydro Stations established (III):

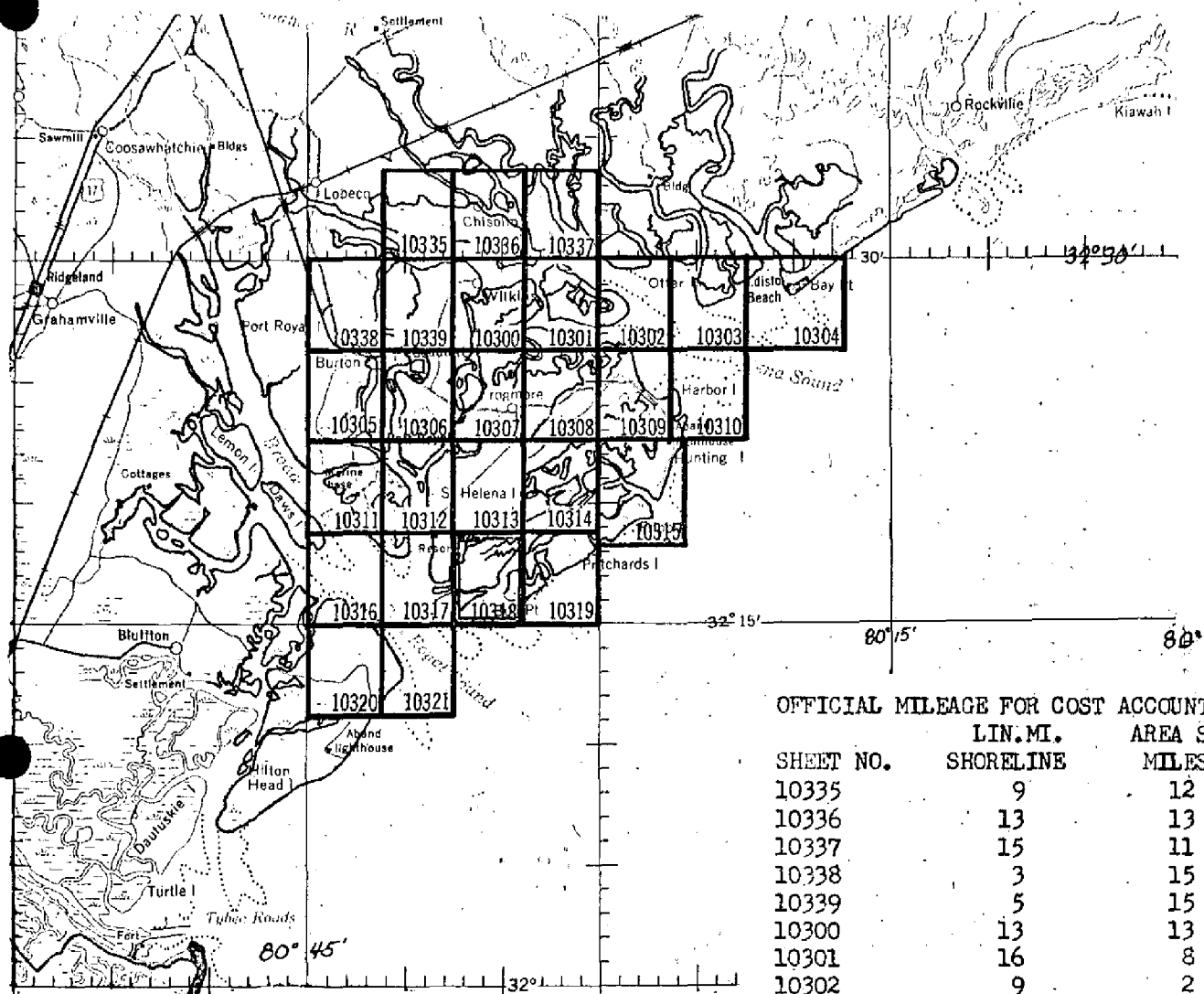
Remarks:

two were
* In addition, ~~one~~ third-order station ~~was~~ established. One was
also identified.

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-10318

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

5 JAN 1956

Isaiah V. Fitzgerald
Isaiah V. Fitzgerald
Photogrammetric Engineer

Approved & Forwarded:

5 JAN 1956

J. E. Waugh

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

COAST AND GEODETIC SURVEY
CONTROL RECORD

MAP T-10318

PROJECT NO. Ph-154

SCALE OF MAP..... 1:10,000.

SCALE FACTOR

[illegible]

COMPILATION REPORT

T-10318

The Photogrammetric Plot Report for the area of this survey is included in Descriptive Report, T-10307.

31. DELINEATION

Graphic methods were used. Field inspection was adequate.

32. CONTROL

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

33. SUPPLEMENTAL DATA

An annotated copy of A.M.S. Fort Fremont 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 the mouths of Morse Island Creek, Turtle Creek, and an unnamed creek north of Morse Island Creek has been revised using November 1955 photographs which were taken after field inspection. The changeable shoreline in these areas have been shown with a dashed line. The approximate low water line was delineated from the March 1955 photographs since they were taken at a much lower stage of tide.

36. OFFSHORE DETAILS

The shoal areas south of BULL POINT were delineated from field inspection.

37. LANDMARKS AND AIDS

One fixed aid to Navigation, STATION CREEK DAYBEACON A-18, 1955 falls in the area of the survey.

38. CONTROL FOR FUTURE SURVEYS

None.

39. JUNCTIONS

Junctions have been made with T-10313 to the north, T-10319 to the east, and T-10317 to the west. To the south is an all water area.

40. HORIZONTAL AND VERTICAL ACCURACY

No comment.

41. thru 45. Not applicable.

46. COMPARISON WITH EXISTING MAPS

This survey has been compared with the following maps:
A.M.S. Fort Fremont quadrangle, dated 1948, scale 1:50,000.
T-5188, Trenchards Inlet, compiled from 1933 photography, scale 1:20,000.

47. COMPARISON WITH NAUTICAL CHARTS

This survey has been compared with Chart No. 571, scale 1:40,000, edition of October 1936, revised 3/12/56 and corrected to 8 September 1956.

Items to be applied to nautical charts immediately: None.

Items to be carried forward: None.

Respectfully submitted
19 November 1958

Harry R. Rudolph
Harry R. Rudolph
Carto. (Photo.)

Approved and forwarded

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

48. GEOGRAPHIC NAME LIST

Atlantic Ocean

Bay Point Island

Beaufort County

* Bull Point

Capers Island

Intracoastal Waterway (Alternate Route)

Moon Creek

* Morse Island Creek

Port Royal Sound (Title)

* Pritchards Island

St. Helena Island

* St. Phillips Island

Station Creek

* Trenchards Inlet

Turtle Creek

*B.G.N. Decision

George M. Bace
GEOGRAPHIC NAMES SECTION
28 AUGUST 1959

3-30-59

50-

PHOTOGRAMMETRIC OFFICE REVIEW

T-10318

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. P. Glaser Reviewer Joseph Steinberg Supervisor, Review Section of 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:

NONFLOATING AIDS OR HANDMARKS FOR CHARTS

Baltimore, Maryland

August 1961

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 R. Glasser

[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. Heywood
A. K. Heywood

Approved by

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

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

L. F. Woodcock
Ass't. 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-10318

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.