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.R. Waugh, Chief of Field Party
W.F. Deane, II , District Officer

LIBRARY & ARCHIVES

DATE  November 17, 1961
DESCRIPTIVE REPORT - DATA RECORD

T-10319

Project No. (II): Ph-154

Field Office (II): Burton, S. C.
Photogrammetric Office (III): Baltimore, Md.

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

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 (2) 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' 48.000" (1255.7 m)

Adjusted

Plane Coordinates (IV):

State: S. C. Zone: South

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.
Areas contoured by various personnel

(Show name within area)

(I) (II) (III)
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 (III) by (III): L. A. Senasack  
Date: 9/4/56

Stereoscopic Instrument compilation (III): 
Planimetry  
Date:

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 (III): 
Date:
DESCRIPTIVE REPORT - DATA RECORD

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

PHOTOGRAPHS (III)

<table>
<thead>
<tr>
<th>Number</th>
<th>Date</th>
<th>Time (h)</th>
<th>Scale (x)</th>
<th>Stage of Tide</th>
</tr>
</thead>
<tbody>
<tr>
<td>49321 - 49323</td>
<td>3/23/55</td>
<td>11h11</td>
<td>1:10,000</td>
<td>0.2' above MLW</td>
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<tr>
<td>49413 - 49413</td>
<td>49413</td>
<td>15h14</td>
<td>1:10,000</td>
<td>1.7' &quot; &quot;</td>
</tr>
<tr>
<td>52244 - 52245</td>
<td>11/21/55</td>
<td>10h17</td>
<td>&quot;</td>
<td>5.4' &quot; &quot;</td>
</tr>
</tbody>
</table>

Tide (III)

From Predicted Tables

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

Washington Office Review by (IV): [Signature]

Final Drafting by (IV):

Drafting verified for reproduction by (IV):

Proof Edit by (IV):

Date: Aug. 1959

Land Area (Sq. Statute Miles) (III): 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 (III):
Number of Triangulation Stations searched for (II): None
Recovered: None
Identified: None
Number of BMs searched for (II): None
Number of Recoverable Photo Stations established (III): 3
Number of Temporary Photo Hydro Stations established (III): None.

Remarks:
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.

Isaiah Y. Fitzgerald
Photogrammetric Engineer

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

15 JAN 1956
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 ANS, 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; UOLY, 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. 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
CDR C&GS
Baltimore District Officer
48. GEOGRAPHIC NAME LIST

Atlantic Ocean
Beaufort County
Carpers Island
Fripp Island
Moon Creek

Port Royal Sound (Title)
* Pritchards Inlet
* Pritchards Island

Skull Creek
Skull Inlet

* Trenchards Inlet

* B.G.N. Decision

George S. Case
GEOGRAPHIC NAMES SECTION
28 AUGUST 1959
PHOTOGRAMMETRIC OFFICE REVIEW
T-10319

1. Projection and grids
2. Title
3. Manuscript numbers
4. Manuscript size
5. Classification label

CONTROL STATIONS
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
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 alongshore cultural features

PHYSICAL FEATURES
20. Water features
21. Natural ground cover
22. Planimetric 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

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-10386
for a Review Report covering this manuscript
Reviewed by
A. K. Heywood

Approved by
L. C. Landes
Chief, Review Section

L. F. Mast
Asst. Chief, Coastal Surveys Division

L. J. Woodcock
Chief, Chart Division

L. F. Swanson, Chief
Photogrammetry Division

Chief, Chart Division
Numerical Chart Division
Office of Cartography
# Nautical Charts Branch

**Survey No. T-10319**

Record of Application to Charts

<table>
<thead>
<tr>
<th>DATE</th>
<th>CHART</th>
<th>CARTOGRAPHER</th>
<th>REMARKS</th>
</tr>
</thead>
<tbody>
<tr>
<td>7-7-69</td>
<td>795</td>
<td>J. N. Eaton</td>
<td>Before After Verification and Review</td>
</tr>
<tr>
<td>10-66</td>
<td>571</td>
<td>W. K. Leidley (W. Johnson)</td>
<td>Before After Verification and Review Fully Applied</td>
</tr>
</tbody>
</table>

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.