# Descriptive Report

## Type of Survey
SHORELINE (Photogrammetric)

## Field No.

## Office No.
T-12616

## Locality

### State
SOUTH CAROLINA

### General locality
CHARLESTON, S. C. TO SAVANNAH, GA.

### Locality
TRENCHARDS INLET

## Date
1964-65

## Chief of Party
Joseph K. Wilson, Chief, Photo Party 6420
Allen L. Powell, Director, A. M. C.

## Library & Archives

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USCGOM-O-5097
DESCRIPTIVE REPORT - DATA RECORD
T-12616

PROJECT NO. (III):
Job PH-64-07

FIELD OFFICE (III):
Beaufort, South Carolina

CHIEF OF PARTY
Joseph K. Wilson

PHOTOGRAMMETRIC OFFICE (III):
Atlantic Marine Center

OFFICER-IN-CHARGE
Allen L. Powell
Director, A. M. C.

INSTRUCTIONS DATED (III) (IV):
23 April 1964 Field
28 September 1964 Office
22 December 1964 Office Amendment No. 1
17 February 1971 Office (Final Review)

METHOD OF COMPILATION (III):

MANUSCRIPT SCALE (III):
1:20,000

STEREOSCOPIC PLOTTING INSTRUMENT SCALE (III):
1:6,000 pantographed to 1:20,000

DATE RECEIVED IN WASHINGTON OFFICE (IV):

DATE REPORTED TO NAUTICAL CHART BRANCH (IV):

APPLIED TO CHART NO.

DATE:

DATE REGISTERED (IV):

GEOGRAPHIC DATUM (III):
N.A. 1927

VERTICAL DATUM (III):

ARIZONA LEVEL, EXCEPT AS FOLLOWS:
Elevations shown as (2) refer to mean high water
Elevations shown as (3) refer to sounding datum
i.e., mean low water or mean lower low water

REFERENCE STATION (III):

SIN 1933

LAT.:
32° 18' 52.113" (1605.24)

LONG.:
80° 33' 22.138 (579.1 m)

STATE COORDINATES (IV):

x = 2,137,132.23 ft.

STATE:
South Carolina

ZONE:
South

PLANE COORDINATES (IV):

Roman numerals indicate whether the item is to be entered by (III) 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 (iii):**
- Robert S. Tibbetts
- Erwest W. Hartford
- Matthew A. Stewart

**Date:**
- April 1964
- June 1964
- June 1964

**Mean High Water Location (iii) (state date and method of location):**

- Air photo Compilation
- Date of photography: 13 March 1964

**Projection and Grids Ruled by (iv):**
- A. E. Roundtree (WO)

**Date:**
- Jan. 1965

**Projection and Grids Checked by (iv):**
- P. Hawkins (WO)

**Date:**
- Jan. 1965

**Control Plotted by (iii):**
- A. Santillan

**Date:**
- Jan. 1965

**Control Checked by (iii):**
- H. Cordell

**Date:**
- Jan. 1965

**Radial Plot or Stereoscopic Control Extension by (iii):**
- L. Fritz (WSC)
- J. T. Gerlach (WSC)

**Date:**
- No date

**Stereoscopic Instrument Compilation (iii):**
- **Planimetry**
  - B. Wilson & L. Sullivan
- **Contours**
  - Inapplicable

**Date:**
- Aug. 1965

**Manuscript Delineated by (iii):**
- B. Barge

**Date:**
- Aug. 1965

**Scribing by (iii):**

**Date:**

**Photogrammetric Office Review by (iii):**
- R. E. Smith

**Date:**
- April 1966

**Remarks:**
## Descriptive Report - Data Record

### Camera (Kind or Source) (III):

W Camera

<table>
<thead>
<tr>
<th>Number</th>
<th>Date</th>
<th>Time</th>
<th>Scale</th>
<th>Stage of Tide</th>
</tr>
</thead>
<tbody>
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<td>March 13, 1961</td>
<td>0930</td>
<td>1:30,000</td>
<td>4.7</td>
</tr>
<tr>
<td>J280</td>
<td></td>
<td>0930</td>
<td></td>
<td></td>
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<td>J281</td>
<td></td>
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<td></td>
</tr>
<tr>
<td>J283</td>
<td></td>
<td>0932</td>
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<td></td>
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</table>

### Tide (III)

**Predicted**

<table>
<thead>
<tr>
<th>Reference Station:</th>
<th>Ratio of Ranges</th>
<th>Mean Range</th>
<th>Spring Range</th>
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</thead>
<tbody>
<tr>
<td>Savannah River Entrance, GA.</td>
<td>6.9</td>
<td>8.1</td>
<td></td>
</tr>
</tbody>
</table>

**Subordinate Station:**

Fripps Inlet, Hunting Island, S.C.

| 6.2 | 7.3 |

### Reference:

Atlantic Marine Center

| Date: | June 8, 1971 |

**Proof Edit by (IV):**

O. H. Bishop

**Remarks:**

None

**Number of Triangulation Stations Searched for (III):**

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<th>Recovered</th>
<th>Identified</th>
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</thead>
<tbody>
<tr>
<td>16</td>
<td>13</td>
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**Number of BM(s) Searched for (II):**

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<tr>
<th>Recovered</th>
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</tr>
</thead>
<tbody>
<tr>
<td>7</td>
<td>7</td>
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</tbody>
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**Number of Recoverable Photo Stations Established (III):**

None

**Number of Temporary Photo Hydro Stations Established (III):**

None
<table>
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<tr>
<th>Compilation Record</th>
<th>Completion Date</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>Compilation complete pending Field Edit</td>
<td>Aug. 1965</td>
<td></td>
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<tr>
<td>Final Review</td>
<td>June 1971</td>
<td></td>
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PROJECT 21420 (Ph-6407)

SHORELINE MAPPING
Georgia & So. Carolina
CHARLESTON to SAVANNAH

SCALES = 1:10,000 & 1:20,000
SUMMARY TO ACCOMPANY

DESCRIPTIVE REPORT T-12616

This shoreline manuscript, scale 1:20,000, is one of 18 maps that comprise Project PH-6407, Charleston, South Carolina to Savannah, Georgia. The sketch on page 5 of this report shows the location of T-12616 in the project.

Compilation was by stereoscopic instrument. All of the photographs for T-12616 are 1:30,000 scale panchromatic taken with the "W" camera on March 13, 1964. The stereo-bridge was run and adjusted to field identified control in the Rockville Science Center. Compilation was done with the Kelsh Plotter in the Atlantic Marine Center. Ratio prints at 1:20,000 scale were processed for photohydro support, but hydrography has not been accomplished as of June 1971.

Field work before compilation consisted of control identification and field inspection. This map was not field edited.

Final review was done at the Atlantic Marine Center in June 1971.

The compilation manuscript was a vinylite sheet 7 1/2 minutes in latitude by 7 1/2 minutes in longitude.

A cronaflex copy of the final reviewed manuscript and a negative have been forwarded for record and registry.
FIELD INSPECTION REPORT
Project 21420 (Part 2)
Maps T-12613 thru T-12621
Georgia and South Carolina

This report is submitted for nine Shoreline Maps since there are no great
differences in terrain, natural or cultural features which would require special
treatment.

2. AREAL FIELD INSPECTION

The area lies between Savannah River and Northeastward to a point just
South of Edisto Beach. It includes the outside shoreline and a part of Savannah
River, Port Royal Sound and St. Helena Sound. The photograph coverage is not
complete for each map, therefore, in accordance with instructions from Washington,
field inspection has been completed to the limits of the photographs.

The portion bordering the Atlantic Ocean consists of high sand dunes along
the ocean with marsh and swamp behind.

The town of Savannah is located just West of the most Southern maps whereas
the town of Beaufort is centrally located. Most of the land is owned by private
interests and in many cases, special permission is required to enter the properties.

The photographs were taken in the spring of 1964. The photographic quality
was good for the entire area. The tones were found to be similar to other areas
along the South Atlantic Coast.

Photographs used for field inspection are listed below by individual maps:

<table>
<thead>
<tr>
<th>T-12613</th>
<th>T-12614</th>
<th>T-12615</th>
<th>T-12616</th>
<th>T-12617</th>
<th>T-12618</th>
</tr>
</thead>
<tbody>
<tr>
<td>64-W-4269</td>
<td>64-S-1202</td>
<td>64-W-4298 thru 4302</td>
<td>64-W-4279</td>
<td>64-W-4271</td>
<td>64-W-4319</td>
</tr>
<tr>
<td>4270</td>
<td>1203</td>
<td>4289 thru 4291 thru</td>
<td>thru</td>
<td>thru</td>
<td>thru</td>
</tr>
<tr>
<td>64-S-1206</td>
<td></td>
<td>4307 thru 4311</td>
<td>4283</td>
<td>4273</td>
<td>4320</td>
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<table>
<thead>
<tr>
<th>T-12619</th>
<th>T-12620</th>
<th>T-12621</th>
</tr>
</thead>
<tbody>
<tr>
<td>64-W-4315 thru 64-W-4318</td>
<td>64-W-4324 thru 64-W-4327</td>
<td>64-W-4321 thru 64-W-4323</td>
</tr>
<tr>
<td>4286 thru</td>
<td>4288</td>
<td>4329 thru</td>
</tr>
<tr>
<td>4334</td>
<td>4335 thru</td>
<td>4337</td>
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</tbody>
</table>

3. HORIZONTAL CONTROL

Horizontal Control recovery and identification has been completed in
accordance with Project Instructions.

The identification of horizontal control was accomplished on enlarged
sections of the photographs. This was the first time our party had used the
enlarged sections for this purpose. In most cases there was no difficulty
and it is believed that the substitute points selected enhanced the accuracy
and quality of the points. However, there was difficulty at one station
(VEGAN 2). The station was pricked direct as there was a small steel stand
over the mark. The substitute point could only be seen good on two of the four photographs. This point has been marked doubtful.

Horizontal control stations reported "lost", "destroyed", or "not recovered" are listed below by map:

T-12613
ASH 1919
BEK (BEACON NO 1), 1934
BUTCHERS ISLAND 1857
CENTRAL 1913
COMBAHEE BANK LIGHT 1955
ECG 4, 1933
ECG BANK PASSAGE DAYBEACON A11, 1955
ECG BANK PASSAGE DAYBEACON A9, 1955
ECG BANK PASSAGE DAYBEACON A7, 1955
ECG BANK PASSAGE DAYBEACON A5, 1955
ECG BANK PASSAGE DAYBEACON A4, 1955
GREEN BEACON 1933
GUS (BEACON NO 2) 1934
HARBOR RIVER DAYBEACON A14, 1955
HUTCHINSON 2, 1933
PALMETTO 1933
PELICAN BANK DAYBEACON A2, 1955
PELICAN BANK DAYBEACON A1, 1955
RED BEACON 1933
SOUND 1933
WHARF 1933

T-12614
ED 1921

T-12615
ARCH 1921
ARCH CREEK BEACON 1933
BASE 1 (USE) 1931
BEAUFORT RIVER LIGHT 17, 1955
BEAUFORT RIVER LIGHT 13A, 1955
BUG 1933
BROOKLYN 1859
CHOW 1933
FORT FREMONT OBSERVATION TOWER 1931
DOS 1931
FORT FREMONT BEACON 1931
NORTH 1931
PARRIS ISLAND WATER TANK (WHITE WITH BLACK TOP) 1932
PARRIS ISLAND, LOW WHITE STACK 1932
PARRIS ISLAND SILVER WATER TANK 1932
PARRIS ISLAND MARINE CORPS RECRUIT DEPOT AIR STRIP BEACON 1955
PARRIS ISLAND HIGH BRICK STACK 1932
PARRIS ISLAND STACK (HIGHEST OF TWINS) 1932
PARRIS ISLAND MARINE CORPS, RECRUIT DEPOT, AIR CONTROL TOWER 1955
PARRIS (US) 1931
PORT ROYAL SOUND LIGHT NO 1, 1955
SKULL CREEK DAYBEACON 4, 1955
SKULL CREEK ENTRANCE LIGHT 3, 1955
SKULL CREEK DAYBEACON 5, 1955
SPIIT 1933
TRIANGULAR BEACON 1931

T-12616
BULL 1933
MID 1931
TIDE 1933

T-12617
STORY RIVER DAYBEACON A16, 1955
TEMPORARY 1955

T-12618
BACK 1931
BULLPOINT FRONT RANGE 1931
BUCK 2, 1931
FRON 1931
HAG 1931
HARSH 2, 1931
MARTIN 1933
NO 9 (USE) 1931
OCHO 1921
SIETE 1931
SOUTH 1931
ULMER 1933

T-12619
HILTON FRONT 1931
STONEY PLANTATION, BAPTIST CHURCH 1931
TON 1931
TOM 2, 1955
WAL 3, 1955

T-12620
DANIELL PLACE LIGHT (OGLETHORPE REAR RANGE LIGHT) 1913
BLOODY 1932
BUSH (US) 1932
ELBA ISLAND FLATS, LIGHT NO 11, 1932
FIELDS OUT NO 1 (US) 1932
LOWER FLATS REAR RANGE LIGHT 1932
IATAGOTTO CREEK HIGHWAY BRIDGE CENTER OF SWING SPAN 1932
LONG ISLAND CROSSING FRONT RANGE LIGHT 1933
LONG ISLAND CROSSING REAR RANGE LIGHT 1933
NEW CHANNEL REAR RANGE LIGHT 1932
NORTH CORNER OF OLD TOWER 1932
FERRY (USE) 1934
PALMETTO 1933
QUARANTINE TANK FINIAL 1932
QUARANTINE (USE) 1932
TOPO 1934
TYBEE KNOLL CUT FRONT RANGE LIGHT 1932
UPPER FLATS FRONT RANGE TARGET 1932
UPPER FLATS REAR RANGE LIGHT 1932
WALLS CUT BEACON NO 6, 1932
WALLS CUT BEACON NO 8, 1932
WILMINGTON 1857
WILMINGTON ISLAND BLACK VENTILATOR, OGDENHORPE HOTEL 1933
WRIGHT 1932

T-12621
BRAD 1931
DO 1916
FORT SCREVEN WATER TANK 1932
SAVANNAH BEACH, CASINO SOUTH COPOLA 1913
SAVANNAH BEACH, CASINO NORTH COPOLA, 1913
TYBEE TANK 1932

4. VERTICAL CONTROL

A search was made for all tidal bench marks within the limits of these maps. Form 685A was submitted for each mark. One mark in each group was identified on the photograph, except in a few cases where there was no coverage.

5. CONTOURS AND DRAINAGE

Contours are inapplicable.

Drainage is almost entirely composed of tidal streams. Normal drainage is generally by direct run-off into marsh, swamp or the tidal streams.

6. WOODLAND COVER

Woodland Cover was classified in accordance with the Topographic Manual.

7. SHORELINE AND ALONGSHORE FEATURES

The high-water line has been indicated on the photographs by symbol in accordance with current instructions. No attempt was made to delineate the low-water line.

The field inspector accomplished this phase by several methods; Measurements from identifiable points of detail, by visual inspection from skiff, and by walking the shoreline.
All other shoreline features are adequately covered by field inspection notes on the photographs. The photography is recent, therefore, there have been no great changes.

8. OFFSHORE FEATURES

Several piling etc. were located either by sextant fix or theodolite cuts during this survey.

The obstruction reported at Lat. 32-01. - Long. 80-50 chart 1240, could not be seen at low-water.

Your attention is invited to the restricted area in Broad River, near Archers Creek. It is believed that the restricted area should be enlarged on the charts since most of this portion of the river is under fire by the marine guns.

9. LANDMARKS AND AIDS

All Nautical Landmarks have been investigated in the field and are reported on form 567.

All fixed Aids to Navigation were investigated and are reported on form 567. Third-order positions were obtained for the following:

- Tybee Knoll Cut Range Rear Light, 1964
- Tybee Range Front Light, 1964
- Jones Island Range Front Light, 1964
- Port Royal Entrance, Channel Front Range Light, 1964

Four private aids in the Calibogue Sound area are recommended for charting. The aids were located by several methods; Cuts from triangulation stations and photo points, by sextant fixes, or identified directly on the photograph.

10. BOUNDARIES, MONUMENTS AND LINES

There have been no boundary lines shown.

11. OTHER CONTROL

There were no topographic stations established.

12. OTHER INTERIOR FEATURES

All roads were classified in accordance with Photogrammetry Instructions number 56.

Field Inspection of buildings was done in accordance with Photogrammetry Instructions Number 54, revised September 22, 1961.

There were no bridge or cable clearances measured during this survey.

Marsh and Swamp limits have been shown on the photographs where coverage was available.
13. **GEOGRAPHIC NAMES**

The investigation of Geographic Names will be handled slightly different from that called for in Project Instructions. This change in procedure was recommended by Dr. A. J. Wraith, Chief, Geographic Names Branch.

A systematic and complete investigation of Geographic Names was made from Savannah River North and East to Latitude 32-15. The remainder of the project will be investigated for discrepancies and new names only.

The change in procedure is due to the recent investigation of names in the project during the years 1955, 1956 and 1957.

The Geographic Names Reports will be submitted at a later date.

14. **SPECIAL REPORTS AND SUPPLEMENTAL DATA**

Transmitting letters for Horizontal Control Identification were mailed to Washington separately for Part 1 and Part 2 of the Project. Part 1 was mailed on 10 July 1964 and Part 2 on 7 July 1964.

Form 567 will be forwarded with this report.

17 July 1964
Submitted by:

[Signature]

Joseph K. Wilson
Chief, Photo Party 64,20
November 1964

Aerotriangulation Report
Project No. 21420
Charleston, South Carolina to Savannah, Georgia

21. Area Covered
The bridging covers the Atlantic Coast Shoreline of an area between Charleston, South Carolina to Savannah, Georgia.

22. Method
Nine strips were bridged on the Zeiss C-5 and C-9 stereoplanigraphs to provide control for compilation of shoreline.

<table>
<thead>
<tr>
<th>Strip No.</th>
<th>Photos</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>64S 1206 - 1227</td>
</tr>
<tr>
<td>3</td>
<td>64W 4269 - 4273</td>
</tr>
<tr>
<td>4</td>
<td>64W 4276 - 4284</td>
</tr>
<tr>
<td>5</td>
<td>64W 4306 - 4312</td>
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<tr>
<td>6</td>
<td>64W 4296 - 4302</td>
</tr>
<tr>
<td>7</td>
<td>64W 4290 - 4294</td>
</tr>
<tr>
<td>8</td>
<td>64W 4314 - 4327</td>
</tr>
<tr>
<td>9</td>
<td>64W 4322 - 4337</td>
</tr>
<tr>
<td>10</td>
<td>64W 4286 - 4290</td>
</tr>
</tbody>
</table>

Strip #2 consisting of photos 64S 1184 - 1203 was not bridged. However, tie points were dropped from Strip #1 to provide control for graphic compilation of the area.

All strips were 1:30,000 scale photography.

23. Adequacy of Control
Control positions were adequate for bridge adjustment. However, the northeast end of Strip #1 was run as a separate bridge due to difficulty in holding the control. Both segments had control station Hernan in common. Tie points between the two bridges were averaged.

Strip #7 was also interrupted due to a water gap and divided into two bridges, #7 and #10.

Strip #9 was ended at control station Queen because Station #10 (woo) could not hold. This was probably due to erosion in channel.
All other points held within accuracy requirements.
All common pass points between the strips were averaged.

24. Supplemental Data

A number of objects identified as landmarks were used as check control stations and held within accuracy requirements.

25. Photography

Photography was adequate as to coverage, overlap and definition.

26. Recommendations

Ratio prints of Strip #2, at a scale of 1:20,000, have been ordered and will be submitted separately.

Submitted by:

[Signature]

Lawrence Fritz
John T. Garlach

Approved by:

[Signature]

John D. Perrow, Jr.
Aerotriangulation Report
Project No. 21420
Charleston, S.C. to Savannah, Ga.

Amendment to Report of Nov. 1964

Strip 9-A, consisting of photos 64-W-4329 through 4332, was bridged using three triangulation stations as control. Station Proctor Use, 1932 (SS #1) was of very poor image quality and could not be held in the bridge. A secondary straight line adjustment was applied to the junction area of Strips 8 and 9. This junction is weak but within National Map Accuracy Standards.

Submitted by:

John D. Perrow, Jr.
AEROTRIANGULATION SKETCH
PROJECT 21420
SHORELINE MAPPING
GEORGIA & SOUTH CAROLINA
CHARLESTON TO SAVANNAH
9-2-64

LEGEND PART 1
\( \triangle \) CONTROL USED IN ADJUSTMENT
\( \triangle \) CONTROL USED AS CHECK

1. OTTER, 1963
2. SOUTH 3, 1933
3. POINT, 1962 & 1933
4. EDING, 1963
5. HICKE, 1963
6. ROYAL, 1963
7. BUST, 1963
8. HERMAN, 1933
9. SECESSION, 1933
10. FINGER, 1913
11. BLACK, 1907 & 1913
<table>
<thead>
<tr>
<th>STATION</th>
<th>SOURCE OF INFORMATION (INDEX)</th>
<th>DATUM</th>
<th>LATITUDE OR ( u )-COORDINATE</th>
<th>LONGITUDE OR ( x )-COORDINATE</th>
<th>DISTANCE FROM GRID OR PROJECTION LINE IN METERS</th>
</tr>
</thead>
<tbody>
<tr>
<td>IDENTIFIED DAY</td>
<td>Unadji Comp.</td>
<td>NA 1927</td>
<td>150.086.62</td>
<td>2,123.023.18</td>
<td>✔️ (South of sheet)</td>
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<tr>
<td>BEACON 1964</td>
<td></td>
<td></td>
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<tr>
<td>TURTLE, 1963 RECOVERY</td>
<td></td>
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<td></td>
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<tr>
<td>DATE 1964</td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>STORY 2, 1933</td>
<td>GP p.60</td>
<td></td>
<td>173.655.41</td>
<td>2,115.195.87</td>
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<td>PC S p.25</td>
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<td>Desc 203 p.51</td>
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<td>OFF, 1933</td>
<td>GP p.66</td>
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<td>187.291.60</td>
<td>2,132.174.07</td>
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<td>PC'S p.28</td>
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<tr>
<td>MORSE, 1963</td>
<td>Field &amp; PHOTOGRAPH</td>
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<td>32° 16' 18.227&quot;</td>
<td>30 36 39.560</td>
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<td>GP's p.312</td>
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<td>177.869.74</td>
<td>2,121.600.27</td>
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<td>SIN, 1933</td>
<td>GP p.60</td>
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<td>Desc 203 p.50</td>
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<td>PIP, 1933</td>
<td>GP p.66</td>
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<td>158.215.92</td>
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<td>Desc 203 p.60</td>
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1 FT. = 304.8006 METER

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COMPILATION REPORT
T-12616

31. **DELINEATION**

   The Kelsh plotter was used. Field inspection was adequate. Photography was satisfactory.

32. **CONTROL**


33. **SUPPLEMENTAL DATA**

    None

34. **CONTOURS AND DRAINAGE**

    Contours are inapplicable.
    Drainage was delineated as inspected or from office interpretation of the photography.

35. **SHORELINE AND ALONGSHORE DETAILS**

    The shoreline inspection was adequate and was delineated accordingly. The approximate low water line was delineated from office interpretation of the photography.

36. **OFFSHORE DETAILS**

    None

37. **LANDMARKS AND AIDS**

    None
38. CONTROL FOR FUTURE SURVEYS

None

39. JUNCTIONS

Junctions have been made with T-12617 to the east and T-12615 to the west. There is no contemporary survey to the north. The Atlantic Ocean is to the south.

40. HORIZONTAL AND VERTICAL ACCURACY

No statement

46. COMPARISON WITH EXISTING MAPS

Comparison has been made with USGS Quadrangle ST. PHILLIPS ISLAND, S. C., scale 1:24,000, dated 1956.

47. COMPARISON WITH NAUTICAL CHARTS

Comparison has been made with Chart 571, scale 1:40,000, 12th edition, dated November 21, 1963 and with Chart 1240, scale 1:80,000, 6th edition, revised April 20, 1964.

ITEMS TO BE APPLIED TO NAUTICAL CHARTS IMMEDIATELY

None

ITEMS TO BE CARRIED FORWARD

None

Submitted:

R. E. Smith
Cartographer

Approved:

Allen L. Powell, RADN, NOAA
Director, Atlantic Marine Center
GEOGRAPHIC NAMES

FINAL NAME SHEET

PH-6407 (South Carolina)

T-12616

Atlantic Ocean
Bay Point Island
Bull Point
Capers Island
Edding Island
Fripps Island
Moon Creek
Morse Island Creek
Old House Creek
Old Island
Pritchards Inlet
Pritchards Island
St. Phillips Island
Skull Creek
Skull Inlet
Trenchards Inlet
Turtle Creek

Approved by:

A. Joseph Waight
Chief Geographer

Prepared by:

Frank W. Pickett
Cartographic Technician
49. NOTES TO THE HYDROGRAPHER

None
# Photogrammetric Office Review

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## Control Stations

8. Horizontal Control Stations of Third-Order or Higher Accuracy

9. Recoverable Horizontal Stations of Less Than Third-Order Accuracy (Topographic Stations)

7. Photo Hydro Stations

XX

### Bench Marks

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## Alongshore Areas (Nautical Chart Data)

12. Shoreline

13. Low-Water Line


15. Bridges

### Aids to Navigation

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. Planetable Contours

### Stereoscopic Instrument 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 Lands Lines

### Miscellaneous

33. Geographic Names

34. Junctions

35. Legibility of the Manuscript

### Discrepancy Overlay

36. Discrepancy Overlay

37. Descriptive Report

38. Field Inspection Photographs

39. Forms

### Reviewer

40. Reviewer

<table>
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<tr>
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### Remarks

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

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<th>Supervisor</th>
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### Remarks

43. Remarks
61. GENERAL STATEMENT:

See Summary on page 65 of this Descriptive Report.

An ozalid comparison print, pages 26 through 29, with differences noted in Items 62, 63 and 65, is bound with the original of this report.

No detailed comparison was made with numerous tributaries within marsh areas.

62. COMPARISON WITH REGISTERED TOPOGRAPHIC SURVEYS:

A comparison was made with registered Photogrammetric Surveys T-10314, STORY RIVER, S. C., T-10318, TRENCHARDS INLET, S. C., and T-10319, FRITCHARDS INLET, S. C., all 1:10,000 scale and all surveyed in 1955. Differences between these surveys and T-12616 are shown in blue on the comparison print.

Several differences are shown, the greatest being in the vicinity of Trenchards Inlet. The shoreline at the east end of Bay Island has receded approximately 200 meters.

63. COMPARISON WITH MAPS OF OTHER AGENCIES:

A comparison was made with U.S.G.S. Quadrangle ST. PHILLIPS ISLAND, S. C., scale 1:24,000, dated 1956. Differences between this survey and T-12616 are shown in brown on the comparison print.

In general, the U.S.G.S. shoreline is offshore from the T-12616 shoreline. This difference is approximately 300 meters at the entrance to Morse Island Creek, and approximately 200 meters just east of Bull Point.

64. COMPARISON WITH CONTEMPORARY HYDROGRAPHIC SURVEYS:

No contemporary hydrographic surveys were available for comparison.
65. COMPARISON WITH NAUTICAL CHARTS:

A comparison was made with Chart 571, scale 1:40,000, 16th edition, dated October 31, 1970 and with Chart 793, scale 1:40,000, 5th edition, dated January 16, 1971. Differences between these charts and T-12616 are shown in red on the comparison print.

Differences along the Atlantic Ocean shoreline are approximately the same as the registered topographic surveys. Small differences were noted on both sides of Trenchards Inlet and differences in marsh outline were noted on the north side of Skull Creek.

66. ADEQUACY OF RESULTS AND FUTURE SURVEYS:

This survey complies with Project Instructions, Bureau requirements, and the National Standards for Map Accuracy. No accuracy tests were run in the field.

Reviewed by:

Charles H. Bishop
Charles H. Bishop
Cartographer
June 8, 1971

Approved for forwarding:

Melvin J. Zinchak, CDR, NOAA
Chief, Photogrammetry Division, AMC

Approved:

Allen L. Powell, RADM, NOAA
Director, Atlantic Marine Center

Approved:

Chief, Photogrammetric Branch

Chief, Photogrammetry Division
NOTE:
"The photogrammetric location and delineation of offshore from the mean high-water line on this map may not be complete or final. The contemporary hydrographic survey of the area should be consulted for the final delineation."

Bay Point Island

Edding Island

PHILLIPS

160,000 FT.

Bull Island
### Nautical Chart Division

**Record of Application to Charts**

**File With Descriptive Report of Survey No.**

### Instructions

1. Letter all information.
2. In "Remarks" column cross out words that do not apply.
3. Give reasons for deviations, if any, from recommendations made under "Comparison with Charts" in the Review.

### Chart Application Details

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