Form 804
U. S. DEPARTMENT OF COMMERCE
COAST AND GEODETIC SURVEY

DESCRIPTIVE REPORT

<table>
<thead>
<tr>
<th>Type of Survey</th>
<th>Topographic</th>
</tr>
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<tbody>
<tr>
<td>Field No.</td>
<td>Ph-81</td>
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<tr>
<td>Office No.</td>
<td>T-11122North and South</td>
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<table>
<thead>
<tr>
<th>LOCALITY</th>
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<tr>
<td>State</td>
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<tr>
<td>General locality</td>
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<tr>
<td>Locality</td>
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19.52-60

CHIEF OF PARTY
J.E. Waugh, Photo. Party No. 1.
W.F. Deane, Balto. District Officer

LIBRARY & ARCHIVES

DATE May 1963
DATA RECORD

T - 11122

Project No. (II): Ph-81

Quadrangle Name (IV):

Field Office (II): Charleston, S. C.

Chief of Party: J. E. Waugh

Photogrammetric Office (III): Baltimore, Md.

Officer-in-Charge: W. F. Deane

Instructions dated (II) (III): Field, dated 19 October 1953

Field Amendment I, dated 12 December 1954

Letter to CDR J. E. Waugh, 731-mkl, dated 22 November 1954

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):

Publication Scale (IV):

Geographic Datum (III): N.A. 1927

Publication date (IV):

Vertical Datum (III):

Mean sea level except as follows:

Elevations shown as (+) refer to mean high water
Elevations shown as (-) refer to sounding datum
I.e., mean low water or mean lower low water

Reference Station (III): WHALEY, 1933

Lat.: 32° 40' 39.259" (1209.3.) Long.: 80° 12' 41.014" (1068.6)

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.
Areas contoured by various personnel
(Show name within area)
(II) (III)
DATA RECORD

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

W. M. Reynolds

Date: Feb. to May 1954
Nov. and Dec. 1954

Planetary contouring by (II): W. M. Reynolds

I. Y. Fitzgerald

Date: Feb. to May;
Nov. and Dec. 1954
Nov. and Dec. 1954

Completion Surveys by (II): G. E. Jarwaood

Date: June 1960

Mean High Water Location (III) (State date and method of location):
1952, 1953, and 1955 dates of photography by field
inspection and office interpretation.

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

Date: 7/15/55

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

Date: 7/15/55

Control plotted by (III): D. W. Williams

Date: 8/26/55

Control checked by (III): B. Kurs

Date: 9/9/55

Radial Plot (III):

E. L. Williams

Date: 12/10/56

Stereoscopic Instrument compilation (III):

Planimetry

Contours

Date:

Manuscript delineated by (III): J. Councill

Date: 1/22/58

 Photogrammetric Office Review by (III): R. Glaser

Date: 5/23/58

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

R. Glaser

Date: 5/23/58
Camera (kind or source) (III): Nine-lens (U.S. C. & G. S.)

PHOTOGRAPHS (III)

<table>
<thead>
<tr>
<th>Number</th>
<th>Date</th>
<th>Time</th>
<th>Scale</th>
<th>Stage of Tide</th>
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<td>1058</td>
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<td>4.1 above MLW</td>
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<td>1149 - 50</td>
<td>&quot;</td>
<td>4.6 &quot;</td>
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<td>1150 - 52</td>
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<td>5.6 &quot;</td>
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<td>1400 - 02</td>
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<td>35860 thru 35861</td>
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<td>1402 - 03</td>
<td>&quot;</td>
<td>2.7 &quot;</td>
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<tr>
<td>35998 thru 36000</td>
<td>3/17/52</td>
<td>0958 - 59</td>
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<td>3.7 &quot;</td>
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<td>40807 thru 40812</td>
<td>5/31/53</td>
<td>Clock stopped</td>
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<td>49250 thru 49254</td>
<td>3/23/55</td>
<td>1341 - 45</td>
<td>&quot;</td>
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<td>49302</td>
<td>&quot;</td>
<td>1142</td>
<td>&quot;</td>
<td>-0.4 &quot;</td>
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Tide (III)

From predicted Tide Tables

Reference Station: Charleston, S. C.
Subordinate Station: Church Flats
Subordinate Station: Rockville Bohicket Creek

Washington Office Review by (IV): S.G. Blanken Boley

Date: March 1963

Final Drafting by (IV):

Drafting verified for reproduction by (IV):

Proof Edit by (IV):

Land Area (Sq. Statute Miles) (III): 56
Shoreline (More than 200 meters to opposite shore) (III): 32
Shoreline (Less than 200 meters to opposite shore) (III): 37
Control Leveling - Miles (II): 50
Number of Triangulation Stations searched for (II): 70 Recovered: 24 Identified: 22
Number of BMs searched for (II): 31 Recovered: 13 Identified: 9
Number of Recoverable Photo Stations established (III): None
Number of Temporary Photo Hydro Stations established (III): None

Remarks:
SUMMARY TO ACCOMPANY DESCRIPTIVE REPORT

T-11122 is one of 7 similar maps in Project PH-81. This project, comprised of topographic maps, covers the South Carolina coastline southwest of Charleston from the mouth of the North Edisto River southwesterly to Ashe Island on the north shore of St. Helena Sound. The project area extends inland, 15 miles in the central and western sections and 20 miles in the eastern section, covering the Intra-coastal Waterway from the confluence of the Stone River and Mankawles Creek (3 miles west of Charleston) southwest to St. Helena Sound.

Field work in advance of compilation included the following operations:

a. Recovery and/or establishment of horizontal and vertical control.

b. Shoreline and interior inspection for interpretation of the photographs.

c. The location and/or identification of aids to navigation and landmarks.

d. Planetable contouring on the photographs.

e. Geographic names, Coast Pilot and Political Boundaries investigation.

Vertical accuracy tests were run during field inspection.

This is a graphic compilation project. The radial plots were assembled and the manuscripts compiled in the Baltimore Office. Compilation was by half quads (north and south) at 1:10,000 scale.

A complete project field edit was accomplished in 1960. Vertical accuracy tests were run during field edit.

Photographs used for radial plotting and compilation are listed in the data records of the Descriptive Reports. Field inspection reports and field edit reports included as parts of the Descriptive Reports for each map include lists of photographs used in field work.

The maps will be published as standard 1:24,000 scale topographic quadrangles by the Geological Survey.
Items registered under 1111 22 will include a Descriptive Report, 2 one-half quadrangle positive impressions on "Cronar" and a lithographic print in colors of the published Geological Survey quadrangle.
FIELD INSPECTION REPORT
Project Ph-81
Quadrangle T-11122

2. AREAL FIELD INSPECTION

This area lies on the South Carolina coastal plain southwest of Charleston. The major portion of the area is part of Wadmalaw Island formed by Wadmalaw Sound, the Stono and North Edisto Rivers, and Church and Bohicket Creeks.

Hollywood and Meggett are two small towns located in the northwest section of the area. Yonges Island, a small settlement south of Meggett on Wadmalaw Sound, was formerly of much more importance to the area as a rail-water terminal of the Atlantic Coast Line Railroad. The railroad has been dismantled south of Meggett. The old wharf and building remain.

The entire area is served by a system of good roads. The Atlantic Coast Line Railroad and Seaboard Air Line Railroad furnish freight shipping facilities.

The Intracoastal Waterway follows the Stono River into and across Wadmalaw Sound.

Agriculture is the chief industry with truck crops being the most important, although some cattle are raised.

Because of the close proximity of paper mills, pulpwood has grown in importance, displacing the naval stores industry.

Photographic quality, in general, was good. One flight flown 31 May 1953 presented some difficulty because of foliage. This difficulty was particularly noticeable in field inspection of swamp limits. This same flight line appears to have been flown at or near the time of low water which made possible a thorough inspection of the numerous mud flats.

There are generally three distinct photographic tones found in the tidal marsh. The darkest of these is the grass-covered tidal marsh. The lightest is caused by erosion of sand from the fast land fanning out over the adjacent marsh, varying slightly from white to a very light to medium gray, the latter due to dampening by the tide. The third, or medium tone, is mud, devoid of vegetation and bare at low water. There are some few areas of grass in water which appear as slightly lighter variation of the darkest tone.
Field inspection was accomplished on 1:10,000 scale, nine-lens photographs: 35694 and 35695; 35735 through 35739; 35856 through 35861; 35998 through 36001; and, 40806 through 40812.

No items were left for completion by the field editor.

2. HORIZONTAL CONTROL

All Coast and Geodetic Survey control was searched for and, where recovered, was identified.

In addition to the above, second-order traverse stations established by the South Carolina Geodetic Survey were recovered and identified. These stations are: CT 576, CT 580 and CT 658. All stations were established in 1934.

No supplemental control was established and no datum adjustments were made by the field party.

The following stations, established by the agency as indicated, were reported lost:

U. S. Geological Survey in 1917:

   PTS 13 1917
   PTS 50 1917
   PTS 51 1917

U. S. Coast and Geodetic Survey:

   BEACON NO 12 1933
   CHURCH FLATS BN NO 1 1933
   CHURCH FLATS BN NO 2 1933
   DAVIS MINDMILL 1933
   DEADMANS 1933
   ENTERPRISE LIGHT NO 1 1933
   GABLE, WILLIAMS BOAT HOUSE 1933
   GOSHEN 1933
   JOHNS 1933
   LIGHT NO 2 1933
   LIGHT NO 4 1933
   LIGHT NO 6 1933
   MARTINS 1933
   MULLETT 1933
   NORTH CHIMNEY, WM. GERATY HOUSE 1933
   PIELE, END OF DOCK 1933
   SHACK 1933
   SOUTH GABLE, JENKINS BOAT HOUSE 1933
STEVENS WINDMILL 1933
WADMALAW RIVER BEACON 3 1933
WADMALAW RIVER BEACON 4 1933
WADMALAW RIVER BEACON 5 1933
WADMALAW RIVER BEACON 7 1933
WADMALAW RIVER BEACON 8 1933
WADMALAW RIVER BEACON 10 1933
WADMALAW RIVER BEACON 11 1933
WADMALAW RIVER BEACON 13 1933
WADMALAW RIVER BEACON 14 1933
WEST GABLE, HART HOUSE 1933
WILLIAMS TANK 1933
WINDMILL, MARTIN POINT 1933
YONGES ISLAND TANK 1933

South Carolina Geodetic in 1934:

CT 577  CT 657
CT 578  CT 659
CT 579  CT 660
CT 654  CT 661
CT 655  CT 662
CT 656

4. VERTICAL CONTROL

The following third-order bench marks, established by the South Carolina Geodetic Survey in 1934, were recovered:

CT 576 CT 655
CT 592 CT 653
CT 593 MEG ECCENTRIC

Bench Mark 26, established by the U. S. Geological Survey in 1917, was recovered.

The following tidal bench marks of the Coast and Geodetic Survey were recovered:

RAVENS POINT, CHURCH CREEK, JOHNS ISLAND TIDAL BENCH MARKS 1, 2 and 3

YONGES ISLAND, WADMALAW RIVER, TIDAL BENCH MARKS 1, 2 and 3
Fifty miles of supplemental levels were run for plane table contour control. The error of closure on all lines was less than 0.5 foot and no adjustments were made.

Level points established were numbered 22-01 through 22-130.

5. CONTOURS AND DRAINAGE

Contouring was accomplished directly on the field photographs by standard plane table methods.

Checked elevations from closed level lines and/or closed plane table traverses are shown in blue and/or violet ink; unchecked elevations, side shots with the alidade, are shown in black ink.

There is very little definite drainage pattern in the area. The terrain, in general, is flat with a gentle slope to the marshes or swamps. This gives the contours an awkward shape, at times, since they do not always parallel each other, as in the cases where definite drainage patterns exist. Once the level of the swamps is reached, they are usually flat. The swamp limits, in general, follow one of the contours; however, the change to swamp is very gradual in most cases and the swamp limits remain somewhat indefinite.

Attention is called to the numerous drainage ditches found in the cultivated areas. The major ditches have been indicated on the photographs and the compiler should omit all others. (See Field Inspection Report, Quadrangle T-11121.)

6. WOODLAND COVER

All woodland was inspected and has been classified in accordance with Paragraph 5433 of the Topographic Manual.

Some field inspection notes on woodland cover may appear incongruous. This is caused by a growth of young pines since photography which met "" classification requirements at time of field inspection.

7. SHORELINE AND ALONGSHORE FEATURES

The shoreline is limited to the several creeks and rivers, which enter or cross the quadrangle. With few exceptions, the shoreline is the visible edge of marsh along the streams. The mean high water line, whether apparent or fast, has been indicated at intervals by symbol on the photographs.
The approximate low water line was indicated along the offshore edge of some mud flats. Elsewhere the horizontal distance between the mean high and mean low water lines does not exceed 2.0 meters.

Location and heights of a few bluffs are shown on the contoured photographs.

All piers have been indicated on the photographs.

All other shoreline structures are adequately covered by field inspection notes.

8. OFFSHORE FEATURES

There are none.

9. LANDMARKS AND AIDS

Two landmarks presently charted were identified for location by photogrammetric methods. No new landmarks were recommended for charting.

All fixed aids to navigation, visible on the photographs, were identified for location by photogrammetric methods. Fixed aids, not identifiable, were located by theodolite cuts from identified points of photographic detail or by sextant fix.

There are no aeronautical aids in the area.

10. BOUNDARIES, MONUMENTS AND LINES

The eastern section of the corporate limits of the town of Hollywood and the major portion of the corporate limits of Meggett are within the limits of this map. The corporate limits for Hollywood are outlined on photograph 35694 and the corporate limits for Meggett are delineated on photograph 35738. (See SPECIAL REPORT, BOUNDARIES, Project Ph-81 for detailed recommendations.)

There are no other boundaries within the limits of this map.

11. OTHER CONTROL

None was established.
12. OTHER INTERIOR FEATURES

All roads were inspected and have been classified in accordance with Paragraph 5441 of the Topographic Manual.

All buildings were inspected and have been classified in accordance with Paragraph 5446 of the Topographic Manual.

There are no bridges or cables over navigable water in the area. Existing bridges over some tidal creeks all have skiff clearance only, and were noted as such on the photographs.

There are no airports or landing fields in the area.

13. GEOGRAPHIC NAMES

See SPECIAL REPORT, GEOGRAPHIC NAMES, Project Ph-81.

14. SPECIAL REPORTS AND SUPPLEMENTAL DATA

Data for Quadrangle T-1121, Project Ph-81 forwarded to the Director in Pkg. Nos. 55-8 and 55-9, 27 April 1955.

SPECIAL REPORT, BOUNDARIES, Project Ph-81 forwarded to the Director in Pkg. No. 55-10, 28 April 1955.

SPECIAL REPORT, GEOGRAPHIC NAMES, Project Ph-81 to be forwarded later.

Coast Pilot Notes forwarded to the Director 27 May 1954.

Forms 567 for Aids to Navigation and Landmarks are being prepared and will be forwarded for the entire project.

Original copies, Forms 526 and 685, were forwarded to the Director in Pkg. No. 54-56, 12 November 1954.

Photographs Nos. 35694 and 35695; 35735 and 35736; 35860 and 35861; and, 35998 and 35999 will be forwarded with data for adjoining maps.

3 MAY 1955
Submitted by:

Isaiah Y. Fitzgerald
Photogrammetric Engineer

3 MAY 1955
Approved & Forwarded:

J. E. Waugh
CDR, USCGS
Chief of Party
<table>
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<tr>
<th>STATION</th>
<th>SOURCE OF INFORMATION (INDEX)</th>
<th>DATUM</th>
<th>LATITUDE OR λ-COORDINATE</th>
<th>LONGITUDE OR α-COORDINATE</th>
<th>DISTANCE FROM GRID IN FEET, OR PROJECTION LINE IN METERS</th>
<th>DATUM CORRECTION</th>
<th>N.A. 1927 - DATUM DISTANCE FROM GRID OR PROJECTION LINE IN METERS</th>
<th>FACTOR DISTANCE FROM GRID OR PROJECTION LINE IN METERS</th>
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<td>G-1922 p. 135</td>
<td>N.A. 1927</td>
<td>32 44 55.598</td>
<td>80 09 55.106</td>
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<td>1708.6 (139.7)</td>
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<td>PISTON, 1924</td>
<td>G-1397 p. 292</td>
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<td>32 45 05.139</td>
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<td>HOUSE (JACKSON),</td>
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<td>608.1 (1210.2)</td>
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<td>1933</td>
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<td>FLATS, 1933</td>
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<td>CT 576 SCGS, 1934</td>
<td>Charles-</td>
<td>n</td>
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<td>County B. 10</td>
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1 FT = 0.3048006 METER

COMPUTED BY: B. Kurs
DATE: 8/19/55
CHECKED BY: J. Steinberg
DATE: 8/22/55
## Descriptive Report

**MAP T-11122**  
**PROJECT NO.**  
**Ph-81**  
**SCALE OF MAP 1:10,000**  
**SCALE FACTOR**

<table>
<thead>
<tr>
<th>STATION</th>
<th>SOURCE OF INFORMATION</th>
<th>LATITUDE OR Y-COORDINATE</th>
<th>LONGITUDE OR x-COORDINATE</th>
<th>DISTANCE FROM GRID IN FEET, OR PROJECTION LINE IN METERS</th>
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<th>FACTOR DISTANCE FROM GRID OR PROJECTION LINE IN METERS</th>
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<td>32 43 17.463</td>
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<td>G-1922 p. 139</td>
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DATE: 8/19/55  
CHECKED BY: J. Steinberg  
DATE: 8/23/55
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1 FT. = 0.304800 METER

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DATE: 8/22/55

CHECKED BY: J. Steinberg
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<td>334.370.02</td>
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<td>Datum correction</td>
<td>Factor distance from grid or projection line in meters</td>
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<td>N.A. 1927</td>
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<td>2679.70</td>
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<td>80 04</td>
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1 FT. = 0.3048006 METER

COMPUTED BY: B. Kurs          DATE: 8/22/55
CHECKED BY: J. Steinberg      DATE: 8/23/54

31. **DELINEATION**

This manuscript was compiled by graphic methods. Field inspection of buildings was incomplete and should be completed during field edit.

32. **CONTROL**

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

33. **SUPPLEMENTAL DATA**

For names, an annotated copy of the USGS Quadrangle, Wadmalaw Island, S. C., was used.

34. **CONTOURS AND DRAINAGE**

Contours: The field contouring was adequate. Some adjustments were made to improve topographic expression.

Drainage: Drainage ditches have been delineated as specified in Item 5 of the field inspection report.

35. **SHORELINE AND ALONGSHORE DETAILS**

There is much apparent shoreline and areas of mud flats that were not completely field inspected. Some office interpretation was made.

Most of the low water line was delineated from the 1955 low-water office photographs.

36. **OFFSHORE DETAILS**

No comment

37. **LANDMARKS AND AIDS**

Where an aid was found (through Notices to Mariners) to have been destroyed, rebuilt, discontinued or removed since field inspection, it was not shown on the manuscript.

Revised Forms 567, listing only those aids delineated are herewith submitted.

Form 567 is also being submitted for two landmarks.
38. **CONTROL FOR FUTURE SURVEYS**

None was established.

39. **JUNCTIONS**

Junctions are in agreement with the following adjoining manuscripts.

T-11291 on the north, T-11121 on the west, and T-11125 on the south.

T-11309 (Ph-126) is east of south-half and there is no contemporary survey to the east of north-half of this survey.

40. **HORIZONTAL AND VERTICAL ACCURACY**

No comment.

41 through 45

No applicable.

46. **COMPARISON WITH EXISTING MAPS**

This map manuscript has been compared with:


47. **COMPARISON WITH NAUTICAL CHARTS**

This manuscript has been compared with:

1. Intracoastal Waterway Chart No. 837, scale 1:40,000, published 3/52, revised to 7/10/57.

2. Chart 792, scale 1:40,000, published 6/41, corrected to 7/20/57.

   Items to be applied to Nautical Charts immediately: None.

   Items to be carried forward: None.

Respectfully submitted
22 April 1958

Judson Y. Councill

Approved and forwarded

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

(a) The Reviewer requested the Field Editor to verify rocks awash as shown on Chart 792. Field edit data on photograph 8948 indicates the rocks are really areas of shell ranging in size from small spots to long narrow ridges.

While the use of rock awash symbols may be a convenient method of showing these obstructions on the chart, it is not an accurate representation of these features; they were symbolized by a dotted line on the manuscript and labeled "shell".

(b) Aids to navigation have been plotted graphically. Refer to Field Edit Report, item 51, paragraph 6. The original descriptions, Forms 525b, for the lights were not available in Baltimore.

(c) No change is indicated on the field edit sheet or on photograph 8928 for Webster Church, (Lat. 32° 42.1' - Long. 80° 08.4') but the church seems to have been rebuilt. The correction has been shown on the manuscript by office interpretation.

(d) A number of new ponds are shown on the manuscripts. Spoil areas, obviously dredged up to help form these ponds, are visible on the photographs and have been labeled by the field editor. These spoil areas do not appear to be of sufficient length or importance to be shown with the dike-levee symbol nor were they contoured in the field. They were, therefore, not shown on the manuscripts.

(e) Many changes in the tree pattern in addition to those indicated by field edit data were shown.

(f) The original compilation of marsh shoreline was generalized, especially where the marsh was spotty and indefinite. Much of this shoreline could have been changed using the new photographs, but this would have involved major revisions. The changes were therefore confined to the areas bordering important navigable waterways.
PHOTOGRAMMETRIC OFFICE REVIEW
T-1112


CONTROL STATIONS

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 ✔

ALONGSHORE AREAS
(Nautical Chart Data)


PHYSICAL FEATURES


CULTURAL FEATURES


BOUNDARIES

31. Boundary lines ✔ 32. Public-land lines

MISCELLANEOUS


40. Reviewer
Joseph Steinberg

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: R. Closer

Supervisor: F. J. Forrest

43. Remarks: See Attached sheet
51. Methods. All roads were ridden out to check their classification and to visually check the planimetry and contours. Where necessary old road 7's through the heavily wooded areas were walked out and those that are overgrown and blocked by felled trees were reclassified as trails. Some roads that were created through cultivated fields for the sole purpose of harvesting crops were deleted.

Many features that are new since the field inspection appear on the 1959 photographs. These features have been classified on the photographs and cross referenced on the field edit sheets. These features include several small ponds in the open fields, with spoil alongside, which were dug for the irrigation of crops. New ponds have also been created by damming natural drains and digging above the dams.

A large spoil area near Lat. 32 42.7 Long. 80 13.9 was created by dredging a new cut in the waterway (creek) and dumping the spoil on the shore. This spoil was contoured on photograph 59S-8972.

New buildings and others that were not mapped have been circled on the photographs where discernible. Those that were built since the 1959 photography or are obscured by trees have been blocked in and circled. All buildings are class 1 unless otherwise labeled.

Standard planimetal methods were used to check the accuracy of the contours. Many of the T. B. M. established in 1954 have been destroyed which made it necessary to run traverses considerable distances from recoverable vertical control.

The aids to navigation, especially in the Wadmalaw River, have undergone considerable changes since the field inspection. Some aids have been discontinued and removed and others built or rebuilt. Many of these (lights) appear on the 1959 photography. They have been identified and labeled. Triangulation methods were employed to locate a set of ranges near Goshen Point. While locating these all other aids in the area (lights and daybeacons) were also located by the same methods. Descriptions have been written for the lights as well as the set of ranges in the event their positions are computed. Otherwise the descriptions should be destroyed. A sketch of the triangulation accompanies these data. The azimuth of the range was determined by sextant from a triangulation station to the front range and closing the horizon on other triangulation stations, while occupying the rear range, since the range is short and it being impractical to occupy the rear range with a theodolite.

* Triangulation data was turned over to Geodesy Division on Oct 11, 1961. Positions of aids will be computed.
Aids in the Stono River and daybeacon 98, that were known to have been disturbed since field inspection, were located by direct identification on the photographs (lights) or sextant fixes from photograph points.

Forms 567 for T-11291 and for this map are being submitted for the aids that were relocated, for aids that no longer exist, for one landmark that has been destroyed and for one aeronautical aid that has been destroyed. These forms are being forwarded in accordance with the Topo. Manual except for the relocated aids. The forms for these are being submitted only to the compilation office in rough form and are to be resubmitted by that office when accurate positions are determined. The relocated aids now appear on the charts.

Field edit information is shown on the following: Four field edit sheets numbered 1 thru 4. The discrepancy prints, one for each the north and south halves of the sheet were also used as field edit sheets. They are numbered 1 and 2. One ratio print each of photographs Nos. 595-8926, 8928, 8930, 8932, 8944, 8946, 8948, 8950, 8970, 8972 and 8974.

Violet ink was used for all corrections and additions and green ink was used for all deletions on all sheets and photographs.

52. Adequacy of the compilation. Due to the long lapse of time since the field inspection many new features have been built. They are to be added from the photographs and other field edit data. When these features have been added or corrected the compilation will be adequate and complete.

53. Map accuracy. No horizontal tests were made. Contours were tested in both the north and south portion of the sheet. A total of 38 points on the contours were tested. See Form 187 (Summary and abstract of vertical accuracy test) attached.

54. Recommendations. None offered.

55. Examination of the proof copy. No one was requested to examine a proof copy of the map as no one contacted is believed to be qualified.

Respectfully submitted,
19 June 1960
George E. Varnoee
George E. Varnadore
Cartographer Supervisory.
Review Report
Topographic Survey T-11122

62. Comparison with Registered Topographic Surveys:

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<td>T-5158</td>
<td>1:20,000</td>
<td>1933</td>
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<td>T-5165</td>
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<tr>
<td>T-5166</td>
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T-11122 supersedes the prior Bureau surveys for nautical charting purposes.

63. Comparison with Maps of Other Agencies:

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T-11122 will be edited and published by the U.S.G.S. as a replacement for the prior quadrangle in the area of common coverage.

64. Comparison with Contemporary Hydrographic Surveys:

Inapplicable

65. Comparison with Nautical Charts:

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<th>No.</th>
<th>Scale</th>
<th>Revised</th>
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</thead>
<tbody>
<tr>
<td>792</td>
<td>1:40,000</td>
<td>7/17/61</td>
</tr>
</tbody>
</table>

Differences between the new survey and the chart exist in: the location and configuration of the apparent high-water line; the location of the low-water line; and the road network. There are, however, no items to be applied to charts immediately.

66. Adequacy of Results and Future Surveys:

This map meets the National Standards of Map Accuracy and Bureau requirements.

67. Junctions:

Except for the east side of its north half, this survey joins Bureau surveys along all neat lines. The junctions are in agreement.

T-11122 joins U.S.G.S. Quadrangle Legareville, 1959, on the east. Except for the Bohicket Creek shoreline, this junction is in agreement. The shoreline difference between the two
surveys in this area is the result of necessary generalization at scale 1:24,000. It should be noted, however, that the mapped shoreline on the two surveys is not a representation of the same ground features along Bohicket Creek. Extensive tidal flats (mud) with patches of marsh characterize the foreshore area of the creek. T-11122 shows the marsh areas in more intricate detail. The edge of the foreshore area is mapped as the shoreline on the quadrangle. This line represents the apparent high-water line in some areas; the low-water mud line in other areas.

Reviewed by:

S. G. Blankenbaker

Approved by:

Chief, Review Section
Photogrammetry Division

Chief, Nautical Chart Division

Chief, Operations Division

Chief, Photogrammetry Division

J.H. Waugh 5/10/67

Herschel C. Conklin

5/10/67
48. **Geographic Names List**

Bohicket Creek
Church Creek
Church Flats
Fickling Creek
Goshen
Goshen Point
Hollywood
Laudenwah Creek
Martins Point
Meggett
New Cut
New Cut Landing
Oakgrove
Oyster House Creek
Ravens Point
*Rivers

*Stono River

*Wadmalaw Island (island)
*Wadmalaw Island (town)
*Wadmalaw River
*Wadmalaw Sound

Yonges Island

* B.G.N. decisions

[Signature]

Geographic Names Section
2 October 1961
**NONFLOATING AIDS OR LANDMARKS FOR CHARTS**

I recommend that the following objects which have been inspected from seaward to determine their value as landmarks be charted on the charts indicated.

The positions given have been checked after listing by R. Glaser.

<table>
<thead>
<tr>
<th>STATE</th>
<th>SOUTH CAROLINA</th>
<th>POSITION</th>
<th>LATITUDE*</th>
<th>LONGITUDE*</th>
<th>DATUM</th>
<th>METHOD OF LOCATION AND SURVEY</th>
<th>DATE OF LOCATION</th>
<th>HABITUAL CHART</th>
<th>INDIVIDUAL CHART</th>
<th>OFFICIAL CHART</th>
<th>CHARTS AFFECTED</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHARTING NAME</td>
<td>SIGNAL NAME</td>
<td>D.METERS</td>
<td>D.P.METERS</td>
<td>D.METERS</td>
<td>D.P.METERS</td>
<td>T-11122</td>
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<td>18.10</td>
<td>80 08</td>
<td>22.51</td>
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<td>x</td>
<td>792, 837</td>
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<td>50.36</td>
<td>80 09</td>
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<td>32 44</td>
<td>57.30</td>
<td>80 09</td>
<td>19.09</td>
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<td>58.27</td>
<td>80 09</td>
<td>28.96</td>
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<td>n</td>
<td>n</td>
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<td>80 09</td>
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<td>LT 69</td>
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<td>n</td>
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<td></td>
</tr>
</tbody>
</table>

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
I recommend that the following objects which have been inspected from seaward to determine their value as landmarks be charted on the charts indicated.

The positions given have been checked after listing by R. Olcer.

<table>
<thead>
<tr>
<th>STATE</th>
<th>South Carolina</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHARTING NAME</td>
<td>DESCRIPTION</td>
</tr>
<tr>
<td>TANK</td>
<td>Food, water ht at 50 (51)</td>
</tr>
<tr>
<td>STACK</td>
<td>Soil, ht = 74 (80)</td>
</tr>
</tbody>
</table>

This form shall be prepared in accordance with Hydrographic Manual, pages 800 to 804. Positions of charted landmarks and non-floating 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.
I recommend that the following objects which have been inspected from seaward to determine their value as landmarks be charted on the charts indicated.

The positions given have been checked after listing by ________________________________

<table>
<thead>
<tr>
<th>State</th>
<th>South Carolina</th>
</tr>
</thead>
<tbody>
<tr>
<td>Charting Name</td>
<td>Description</td>
</tr>
<tr>
<td>___________</td>
<td>__________</td>
</tr>
<tr>
<td>TANK</td>
<td>Wood, Water</td>
</tr>
</tbody>
</table>

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
NONFLOATING AIDS FOR LANDMARKS FOR CHARTS

TO BE DELETED

JOHNS ISLAND, S. C.

9 June 1960

I recommend that the following objects which have (herein) been inspected from seaward to determine their value as landmarks be (deleted-from) the charts indicated.

The positions given have been checked after listing by

George E. Varnadoe

Chief of Party.

<table>
<thead>
<tr>
<th>STATE</th>
<th>SOUTH CAROLINA</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHARTING</td>
<td>DESCRIPTION</td>
</tr>
<tr>
<td>NAME</td>
<td>NAME</td>
</tr>
<tr>
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<td>Wadmalaw River Daybeacon 62</td>
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<td>63</td>
<td>Wadmalaw River Daybeacon 63</td>
</tr>
</tbody>
</table>

THE ABOVE DAYBEACONS NO LONGER EXIST

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
### South Carolina

<table>
<thead>
<tr>
<th>State</th>
<th>Charting Name</th>
<th>Description</th>
<th>Latitude</th>
<th>Longitude</th>
<th>Datum</th>
<th>Method of Location</th>
<th>Survey Year</th>
</tr>
</thead>
<tbody>
<tr>
<td>BLI 59</td>
<td>Stone River Deepson 59</td>
<td>Deepson 59</td>
<td>32°44'40&quot;</td>
<td>79°48'16&quot;</td>
<td>NAVD</td>
<td>AERIAL</td>
<td>1927</td>
</tr>
<tr>
<td>BLI 63</td>
<td>Stone River Deepson 63</td>
<td>Deepson 63</td>
<td>32°44'40&quot;</td>
<td>79°48'16&quot;</td>
<td>NAVD</td>
<td>AERIAL</td>
<td>1927</td>
</tr>
</tbody>
</table>

This form shall be prepared in accordance with Hydrographic Manual, pages 800 to 904. Positions of charted landmarks and non-floatable aids to navigation, if redetermined, shall be reported on this form. Revisions shall show both the old and new positions. 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.
I recommend that the following objects which have been inspected from seaward to determine their value as landmarks be charted on the charts indicated.

The positions given have been checked after listing by H. R. Rudolph

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. Revisions shall show both the old and new positions. 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
INSTRUCTIONS
A basic hydrographic or topographic survey supersedes all information of like nature on the uncorrected chart.
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.

<table>
<thead>
<tr>
<th>CHART</th>
<th>DATE</th>
<th>CARTOGRAPHER</th>
<th>REMARKS</th>
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<td>J B Reeves</td>
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<td>293</td>
<td>7-7-69</td>
<td>R K Laramie</td>
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