
U. S. DEPARTMENT OF COMMERCE
COAST AND GEODETIC SURVEY

DESCRIPTIVE REPORT

Type of Survey Planimetric
Field No. Ph-154 Office No. T-10338

LOCALITY
State South Carolina
General locality Beaufort River
Locality Burton

1955

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

LIBRARY & ARCHIVES
DATE October 31, 1961
DESCRIPTIVE REPORT - DATA RECORD

Ph-154

Project No. (II): [Redacted]  
Quadrangle Name (IV): [Redacted]

Field Office (II): Burton, S. C.  
Chief of Party: J. E. Waugh

Photogrammetric Office (III): Baltimore, Maryland  
Officer-in-Charge: W. F. Deane

Instructions dated (II) (III): 16 August 1955 (Field and 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): 
Date registered (IV): 25 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): WOODS, 1933

Lat.: 32° 28' 21.896" (674.5 m)  
Long.: 80° 41' 52.607" (1373.7 m)

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)
(I) (II) (III)
FIELD INSPECTION BY (II): Richard H. Houlder
                  Martin C. Moody
                  John S. Winter

                      Date: Oct.-Nov. 1955
                      Dec. 1955 - Jan. 1956
                      Jan. 1956

PLANETABLE CONTOURING BY (II):

                   Date:

COMPLETION SURVEYS BY (II):

                   Date:

MEAN HIGH WATER LOCATION (III) (STATE DATE AND METHOD OF LOCATION): 1955 (PHOTOGRAPHS) LOCATED BY FIELD INSPECTION AND OFFICE INTERPRETATION.

PROJECTION AND GRIDS RULED BY (IV): A. Riley

                   Date: 10/6/55

PROJECTION AND GRIDS CHECKED BY (IV): A. Riley

                   Date: 10/6/55

CONTROL PLOTTED BY (III): F. Lampton

                   Date: 5/31/56

CONTROL CHECKED BY (III): E. L. Williams

                   Date: 6/6/56

RADIAL PLOT: L. A. Senasack

                   Date: 9/4/56

CONTOUR EXTENSION BY (III): L. A. Senasack

                   Date:

STEREOSCOPIC INSTRUMENT COMPILATION (III):

                   Date:

               PLANIMETRY

                   Contours

MANUSCRIPT DELINEATED BY (III): J. Honick

                   Date: 3/23/59

PHOTOGRAHMNETRIC OFFICE REVIEW BY (III): R. Glaser

                   Date: 4/21/59

ELEVATIONS ON MANUSCRIPT CHECKED BY (II) (III):

                   Date:
DESRIPTIVE REPORT - DATA RECORD

Camera (kind or source) (III): O&O Nine-lens and single lens "W" cameras

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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</thead>
<tbody>
<tr>
<td>49524, 49525</td>
<td>3/24/55</td>
<td>1003</td>
<td>1:10,000</td>
<td>7.3' above MLW</td>
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<tr>
<td>49533 - 49536</td>
<td>11/16/93</td>
<td>1028</td>
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<td>5.2'</td>
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</table>

Tide (III)

From Predicted Tide Tables

Reference Station: Savannah River Entrance
Subordinate Station: Brickyard Pt.
Subordinate Station: Beaufort

Washington Office Review by (IV):
Final Drafting by (IV):
Drafting verified for reproduction by (IV):
Proof Edit by (IV):

Date: 2/13/60

Land Area (Sqr. Statute Miles) (III): 15
Shoreline (More than 200 meters to opposite shore) (III): 8 mi.
Shoreline (Less than 200 meters to opposite shore) (III): 32 mi.
Control Leveling - Miles (II):
Number of Triangulation Stations searched for (II): \( \star \star \star \) 28 Recovered: \( \star \star \star \) 9 Identified: 2
Number of BMs searched for (II): \( \star \star \star \) one Recovered: 0 Identified: 0
Number of Recoverable Photo Stations established (III): None
Number of Temporary Photo Hydro Stations established (III): None

Remarks:

* Includes one station north of the map.

In addition, one triangulation station was established in 1956.
FIELD INSPECTION REPORT
Project 6154
Map T-10338

Please refer to the Field Inspection Report for Map T-10306 for all data pertaining to this map.

30 JAN 1956
Leo F. Beugnet
Cartographic Survey Aid

30 JAN 1956
Approved and Forwarded:
J. E. Waugh
CDR, C & OS
Chief of Party
<table>
<thead>
<tr>
<th>STATION</th>
<th>SOURCE OF INFORMATION (INDEX)</th>
<th>LATITUDE OR x-COORDINATE</th>
<th>DISTANCE FROM GRID IN FEET, OR PROJECTION LINE IN METERS</th>
<th>SCALE OF MAP</th>
<th>SCALE FACTOR</th>
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<tr>
<td>HILL, 1924</td>
<td>G-4397 p. 291</td>
<td>32 29 29.263</td>
<td>901.4 (916.8)</td>
<td>1:10,000</td>
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<td>N.A. 1927</td>
<td>80 45 02.356</td>
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<td>Sub. Pt. HILL,</td>
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<td>32 29</td>
<td>984.6 (863.6)</td>
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<td>1924</td>
<td>&quot;</td>
<td>80 45</td>
<td>89.2 (1477.2)</td>
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<tr>
<td>BF 68, S.C.G.S.,</td>
<td>&quot;  Southern</td>
<td>224.107.26</td>
<td>1251.9 (272.1)</td>
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<td>1934</td>
<td>Part 2, p. 3</td>
<td>2,082,512.65</td>
<td>765.9 (758.1)</td>
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<td>Sub. Pt. BF 68,</td>
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<td>223.959.91</td>
<td>1207.0 (317.0)</td>
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<td>1934</td>
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<td>BF 69, S.C.G.S.,</td>
<td>&quot;</td>
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<td>80 42 01.812</td>
<td>47.3 (1519.2)</td>
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<tr>
<td>ABER, 1933</td>
<td>G-1677 p. 81</td>
<td>32 26 52.187</td>
<td>1607.5 (240.7)</td>
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<td>WOODS, 1933</td>
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<td>&quot;</td>
<td>80 41 52.607</td>
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<tr>
<td>U.S.E., 1933</td>
<td>G-1677 p. 83</td>
<td>32 27 54.617</td>
<td>1683.3 (164.9)</td>
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<tr>
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<td>&quot;</td>
<td>80 41 31.606</td>
<td>825.4 (714.5)</td>
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<td>GRAY AZ. MK. R.M.</td>
<td>&quot;  Southern</td>
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<tr>
<td>2, S.C.G.S., 1934</td>
<td>Part 2, p. 11</td>
<td>3702.38 (1297.62)</td>
<td>681.4 (812.6)</td>
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<tr>
<td>8A (U.S.E.) R. M.</td>
<td>&quot;</td>
<td>2,077,235.52</td>
<td>2235.52 (2764.48)</td>
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<tr>
<td>1, 1933</td>
<td>&quot;</td>
<td>32 29</td>
<td>862.0 (986.2)</td>
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<tr>
<td></td>
<td>&quot;</td>
<td>80 41</td>
<td>395.0 (1171.4)</td>
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<td></td>
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</table>

1 ft. = 3048000 meters
COMPUTED BY:  A. W. WILLIS  
DATE:  5/14/56
CHECKED BY:  J. STERNBERG  
DATE:  5/21/56
The photogrammetric plot report covering the area of this manuscript is a part of Descriptive Report, T-10307.

31. **DELINEATION**

The manuscript was delineated by graphic methods using 1955 photographs which were field inspected late in 1955 and early in 1956.

In November 1956, three photographs were taken with the "W" camera covering the area of the Marine Corps Auxiliary Landing Field which is undergoing extensive changes.

In March 1959 these "W" photographs were furnished to the compilation office for revision of the landing field area. Some difficulty was experienced in using these photographs because of scale factor, poor definition and clouds.

While revision was confined to the area within the landing field boundary, other changes were noted outside the area. The most important of these seems to be a new road extending southward from U. S. Highway 21 starting at a point just east of Burton. Since there was not sufficient photograph coverage to make this revision south into T-10305, only the road intersection with U. S. 21 was shown. The other changes, most of which appear to be due to construction still in progress at the time of the new photography, were not shown.

32. **CONTROL**

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

33. **SUPPLEMENTAL DATA**

An annotated copy of the A.M.S. Fort Fremont S. C. quadrangle, scale 1:50,000 was used for geographic names.

34. **CONTOURS AND DRAINAGE**

Contours: Not applicable.
Drainage: No comment.

35. **SHORELINE AND ALONGSHORE DETAILS**

The shoreline inspection was adequate.

The marsh and mud areas along Brickyard Creek were delineated by office interpretation of the photographs. Where the marsh islets were sufficiently small and scattered, they were shown as grass in water.

The low water lines were furnished for the most part by the field party.
36. **OFFSHORE DETAILS**

   No comment.

37. **LANDMARKS AND AIDS**

   Forms 567 for ten aids to navigation, and one landmark to be charted were submitted on 1 October 1957.

   Form 567 for one landmark to be deleted was submitted by the field party.

   Brickyard Creek Daybeacons 216 and 222 have been reported destroyed (Notice to Mariners) since field inspection and have therefore been omitted from the manuscript.

38. **CONTROL FOR FUTURE SURVEYS**

   None.

39. **JUNCTIONS**

   Junctions have been made and are in agreement with T-10339 to the east and T-10305 to the south.

   No contemporary surveys to the north and west.

40. **HORIZONTAL AND VERTICAL ACCURACY**

   No comment.

41. through 45.

   Inapplicable.

46. **COMPARISON WITH EXISTING MAPS**

   Comparison has been made with the following:
   2. T-5189, Broad River and Vicinity, scale 1:20,000, photographs of 1933.
   3. T-5208, Beaufort, scale 1:10,000, photographs of 1933.
47. **COMPARISON WITH NAUTICAL CHARTS**

This manuscript has been compared with chart No. 838, scale 1:40,000, published 3/24/52, revised 6/24/57 and corrected to 7/10/57.

Items to be applied to nautical charts immediately: None.

Items to be carried forward: None.

Respectfully submitted
23 March 1959

[Signature]
Jack Honick
Carto. Photo. Aid

Approved and Forwarded

[Signature]
William F. Deane
CDR, CGS
Baltimore District Officer
48. GEOGRAPHIC NAME LIST

Albergottie Creek
Allen Chapel Church & Cemetery
Ann Pt. Church

Beaufort
Beaufort County
Beaufort Industrial Training School
* Brickyard Creek
Burton

Charleston & Western Carolina R.R.
Grays Hill
Horsepond Church
Intracoastal Waterway
Jordon Church

Marine Corps Auxiliary Landing Field
Mulligan Creek
New Hope Cemetery
Pilgrim Cemetery
Port Royal Island

Rose Hill Church & Cemetery
S.C. 280 (highway)
Second Grays Hill Church
Sparrow Pt. Cemetery
St. John Church

U.S. 21 (highway)

* B.G.N. Decision

Geographic Names Section
1 September 1959
PHOTOGRAMMETRIC OFFICE REVIEW

T: 10338


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

33. Geographic names  34. Junctions  35. Legibility of the manuscript  36. Discrepancy overlay

Reviewed by: [Signature]

Supervisor, Review Section or Unit

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:

COMM. DC 34529
I recommend that the following objects which have been inspected from seaward to determine their value as landmarks be the charts indicated.

The positions given have been checked after listing by J. E. Waugh

/s/ J. E. Waugh

---

<table>
<thead>
<tr>
<th>STATE</th>
<th>SOUTH CAROLINA</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHARTING NAME</td>
<td>DESCRIPTION</td>
</tr>
<tr>
<td>AERO</td>
<td>Beaufort County Airport</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.

* TALLE 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 F. J. Tarpea

<table>
<thead>
<tr>
<th>State</th>
<th>South Carolina</th>
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<tbody>
<tr>
<td>Charting Name</td>
<td>Description</td>
</tr>
<tr>
<td>R T.R</td>
<td>Eagle, Station C-64 - 950 ft</td>
</tr>
<tr>
<td></td>
<td>At 245 feet (263 ft M.L)</td>
</tr>
<tr>
<td></td>
<td>(260 feet M.L)</td>
</tr>
<tr>
<td></td>
<td>32 26 618 80 12 1608 1957 1957</td>
</tr>
<tr>
<td></td>
<td>Savannah</td>
</tr>
<tr>
<td></td>
<td>571, 794, 1111, 1210</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
DEPARTMENT OF COMMERCE
U.S. COAST AND GEODETIC SURVEY

NONFLOATING AIDS OR LANDMARKS FOR CHARTS

TO BE CHARTED

Baltimore, Maryland 1 October 1937

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 E. J. Tarcza

W. F. Deane
Chief of Party

<table>
<thead>
<tr>
<th>STATE</th>
<th>SOUTH CAROLINA</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>CHARTING NAME</th>
<th>DESCRIPTION</th>
<th>SIGNAL NAME</th>
<th>LATITUDE*</th>
<th>LONGITUDE*</th>
<th>DATUM</th>
<th>METHOD OF LOC.</th>
<th>DATE LOC.</th>
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<tbody>
<tr>
<td>LT 214</td>
<td>BRICKYARD CREEK LIGHT 214</td>
<td>32 29</td>
<td>33.09</td>
<td>24.55</td>
<td>N.A.</td>
<td>Radial</td>
<td>1927</td>
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<td>DAYBN 217</td>
<td>BRICKYARD CREEK DAYBEACON 217</td>
<td>32 29</td>
<td>08.68</td>
<td>26.74</td>
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<td>Theodolite</td>
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<td>BRICKYARD CREEK DAYBEACON 219</td>
<td>32 28</td>
<td>54.64</td>
<td>27.96</td>
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<td>n</td>
<td>n</td>
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<td>LT 220</td>
<td>BRICKYARD CREEK LIGHT 220</td>
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<td>41.75</td>
<td>33.20</td>
<td>n</td>
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<td>BRICKYARD CREEK DAYBEACON 221</td>
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<td>30.03</td>
<td>29.72</td>
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<td>Theodolite</td>
<td>n</td>
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<tr>
<td>LT 221A</td>
<td>BRICKYARD CREEK LIGHT 221A</td>
<td>32 28</td>
<td>21.69</td>
<td>28.11</td>
<td>n</td>
<td>Radial</td>
<td>n</td>
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<td>LT 224</td>
<td>BRICKYARD CREEK LIGHT 224</td>
<td>32 27</td>
<td>49.96</td>
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<td>BEAUFORT RIVER DAYBEACON 226</td>
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<td>ALBERGOTTLE CREEK DAYBEACON 1</td>
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<td>24.93</td>
<td>32.85</td>
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<td>Radial</td>
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<td>(Privately Maintained)</td>
<td>32 27</td>
<td>768</td>
<td>858</td>
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<td>17.76</td>
<td>47.10</td>
<td>n</td>
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<td>n</td>
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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

Approved by

L. C. Lande
Chief, Review Section

L. J. Woodcock
Asst. Chief, Photogrammetry Division

J. B. Brown
Chief, Coastal Surveys Division

Chief, Chart Division
### Record of Application to Charts

<table>
<thead>
<tr>
<th>DATE</th>
<th>CHART</th>
<th>CARTOGRAPHER</th>
<th>REMARKS</th>
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<tr>
<td>1-28-61</td>
<td>838</td>
<td>J.H. Eaton</td>
<td>Before After Verification and Review, Partly Applied</td>
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<tr>
<td>7-17-61</td>
<td>749</td>
<td>R.E. Elkins</td>
<td>Before After Verification and Review, Partly Applied</td>
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<td>3-18-61</td>
<td>794</td>
<td>E.B. Powers</td>
<td>Before After Verification and Review</td>
</tr>
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<td>10-66</td>
<td>571</td>
<td>H. E. Koeller (J. Johnson)</td>
<td>Before After Verification and Review, Fully Applied</td>
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</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.