**Form 694**
U. S. DEPARTMENT OF COMMERCE
COAST AND GEODETIC SURVEY

**DESCRIPTIVE REPORT**

<table>
<thead>
<tr>
<th>Type of Survey</th>
<th>SHORELINE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Field No.</td>
<td>Office No.</td>
</tr>
</tbody>
</table>

**LOCALITY**

<table>
<thead>
<tr>
<th>State</th>
<th>SOUTH CAROLINA</th>
</tr>
</thead>
<tbody>
<tr>
<td>General locality</td>
<td>MINTAH BAY TO CHARLESTON HARBOR</td>
</tr>
<tr>
<td>Locality</td>
<td>HARBOR RIVER</td>
</tr>
</tbody>
</table>

1962 – 1963

CHIEF OF PARTY
J. K. Wilson, Field Party
J. C. Bull, Norfolk Regional Office

**LIBRARY & ARCHIVES**

DATE

USCGO-DC 5087
**PROJECT NO. (III):**

21058 (Ph-6216)

**FIELD OFFICE (III):**

Georgetown, South Carolina

**CHIEF OF PARTY**

Joseph K. Wilson

**PHOTOGRAMMETRIC OFFICE (III):**

Tampa, Florida

**OFFICER-IN-CHARGE**

V. R. Sobieralski

**INSTRUCTIONS DATED (II) (III):**

Field - Oct. 8, 1962
Office - Nov. 5, 1962
Amendment I, Office - Feb. 20, 1963
Amendment II, Office - April 26, 1963
Supplement I, Office - Oct. 10, 1963

**METHOD OF COMPILATION (III):**

Kelsh plotter

**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):**

NA 1927

**VERTICAL DATUM (III):**

MHW

**Elevations shown as (ft) refer to mean high water**

**Elevations shown as (f) refer to sounding datum**

i.e., mean low water or 

**REFERENCE STATION (III):**

GRAHAM, 1934

**LAT.:**

33° 01' 18" 096 (557.5m)

**LONG.:**

79° 34' 58" 203 (1510.5 m)

**PLANE COORDINATES (IV):**

**STATE**

South Carolina

**ZONE**

South

**X = 435,268.20 ft.**

**Y = 2,434,370.09 ft.**

ROMAN NUMERALS INDICATE WHETHER THE ITEM IS TO BE ENTERED BY (II) FIELD PARTY, (III) PHOTOGRAMMETRIC OFFICE, OR (IV) WASHINGTON OFFICE.

WHEN ENTERING NAMES OF PERSONNEL ON THIS RECORD GIVE THE SURNAME AND INITIALS, NOT INITIALS ONLY.
DESCRIPTIVE REPORT - DATA RECORD

FIELD INSPECTION BY (III):

M. A. Stewart
J. D. Shea

DATE:
January 1963

MEAN HIGH WATER LOCATION (III) (STATE DATE AND METHOD OF LOCATION):

Air photo compilation
Date of photographs: Sept. 1, 1962

PROJECTION AND GRIDS RULED BY (IV):

A. Riley

DATE
Feb. 1963

PROJECTION AND GRIDS CHECKED BY (IV):

L.F.B.

DATE
Feb. 1963

CONTROL PLOTTED BY (III):

V. P. Cackowski

DATE
April 1963

CONTROL CHECKED BY (III):

R. R. Wagner

DATE
April 1963

STEREOSCOPIC CONTROL EXTENSION BY (III):

J. L. Iisle

DATE
April 1963

STEREOSCOPIC INSTRUMENT COMPILATION (III):

PLANIMETRY
I. I. Saperstein

DATE
May 1963

CONTOURS
Inapplicable

MANUSCRIPT DELINEATED BY (III):

I. I. Saperstein
Reviewed by: W. H. Shearouse

DATE
May 1963

SCIBING BY (III):

P. Leikhim
R. R. Wagner

DATE
March 1964

PHOTOGRAMMETRIC OFFICE REVIEW BY (III):

I. I. Saperstein

DATE
Sept. 1964

REMARKS:
FIELD CORR - 1963
DESCRIPTIVE REPORT - DATA RECORD

CAMERA (KIND OR SOURCE) (III):
Camera 5

PHOTOGRAPHS (III)

<table>
<thead>
<tr>
<th>NUMBER</th>
<th>DATE</th>
<th>TIME</th>
<th>SCALE</th>
<th>STAGE OF TIDE</th>
</tr>
</thead>
<tbody>
<tr>
<td>62-S-1229A thru 1233A</td>
<td>9/1/62</td>
<td>10:12 to 10:14</td>
<td>1:30,000 (Diapositives)</td>
<td>4.7</td>
</tr>
</tbody>
</table>

Predicted TIDE (III)

<table>
<thead>
<tr>
<th>REFERENCE STATION:</th>
<th>H.W.</th>
<th>L.W.</th>
<th>RATIO OF RANGES</th>
<th>MEAN RANGE</th>
<th>SPRING RANGE</th>
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</thead>
<tbody>
<tr>
<td>Charleston</td>
<td>-0.2</td>
<td>0.0</td>
<td>5.1</td>
<td>6.0</td>
<td></td>
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</table>

SUBORDINATE STATION:

<table>
<thead>
<tr>
<th>SUBORDINATE STATION:</th>
<th>Harbor River Entrance</th>
</tr>
</thead>
</table>

WASHINGTON OFFICE REVIEW BY (IV): M. M. Slavney, Norfolk Regional Office

PROOF EDIT BY (IV): May 1965

DATE: Nov 1965

NUMBER OF TRIANGULATION STATIONS SEARCHED FOR (III): 7

RECOVERED: 6
IDENTIFIED: 2

NUMBER OF BM(S) SEARCHED FOR (III): (Tidal) 3

RECOVERED: 3
IDENTIFIED: 1

NUMBER OF RECOVERABLE PHOTO STATIONS ESTABLISHED (III): 1

NUMBER OF TEMPORARY PHOTO HYDRO STATIONS ESTABLISHED (III): None

REMARKS:

*An additional station "SHELLMORE OYSTER FACTORY EAST GABLE, 1934" was recovered during Field Edit and Hydrography; however, the present building does not fit the plotted position and the station should probably be classified "Destroyed". A note to this effect was added to the Form 526.
<table>
<thead>
<tr>
<th>Compilation Record</th>
<th>Completion Date</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>Alongshore area for hydrography</td>
<td>May 1963</td>
<td>superseded</td>
</tr>
<tr>
<td>Alongshore field edit applied. Compilation completed.</td>
<td>January 1964</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
SUMMARY TO ACCOMPANY DESCRIPTIVE REPORT T-12276

Shoreline manuscript T-12276 is one of six 1:20,000 scale maps in Project 21058 (Winyah Bay, South Carolina to Charleston), which also contains nine 1:10,000 maps. The sketch on page 5 of this report shows the position of this map in the project. This is a Kelsh project in advance of hydrographic surveys which are being made in the same area. The field operations preceding compilation included recovery and identification of horizontal control, and field inspections. The Kelsh compilation was at 1:20,000 scale from which a cronar negative showing shoreline, alongshore features and shoreline pass points was furnished for preparation of the hydrographer's boat sheet. 1:30,000 scale photographs taken September 1, 1962 were used for compilation. Ratio (1:20,000 scale) photographs were subsequently provided for hydro support and field edit purposes. The compilation manuscript is a vinylite sheet 7½ minutes in latitude and longitude from which the smooth map was scribed and reproduced on cronaflex for photogrammetric office review. One cronar positive and one cronar negative are provided for record and registry after final review.
FIELD INSPECTION REPORT

Submitted with T-12277
T-12276

The Aerotriangulation Report is submitted with T-12283.
<table>
<thead>
<tr>
<th>STATION</th>
<th>SOURCE OF INFORMATION (INDEX)</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>
<th>N.A. 1927 - DATUM DISTANCE FROM GRID OR PROJECTION LINE IN METERS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Harbor, 1934</td>
<td>99</td>
<td>439.213.34</td>
<td>2,484.626.19</td>
<td>13 3872.5</td>
<td>N/A</td>
</tr>
<tr>
<td>Awenda, 1934</td>
<td>12</td>
<td>446.873.28</td>
<td>2,437.373.92</td>
<td>13 4827.7</td>
<td>N/A</td>
</tr>
<tr>
<td>Live Oak 2, 1917</td>
<td>99</td>
<td>449.592.16</td>
<td>2,465.590.02</td>
<td>13 6426.4</td>
<td>6 8213.2</td>
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<tr>
<td>More, 1934</td>
<td>100</td>
<td>443.715.85</td>
<td>2,448.399.71</td>
<td>13 5092.5</td>
<td>37 3927.8</td>
</tr>
<tr>
<td>Graham, 1934</td>
<td>100</td>
<td>435.268.20</td>
<td>2,434.370.09</td>
<td>13 2670.0</td>
<td>6 6335.0</td>
</tr>
<tr>
<td>Bird, 1934</td>
<td>100</td>
<td>434.126.02</td>
<td>2,454.600.60</td>
<td>13 2321.9</td>
<td>37 0998.8</td>
</tr>
<tr>
<td>Owenda, 1857</td>
<td>99</td>
<td>429.968.05</td>
<td>2,435.160.12</td>
<td>13 1054.5</td>
<td>6 5527.2</td>
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</tbody>
</table>

**Scale of Map:** 1:10,000

**Scale Factor:**

**Datum:** N.A. 1927

**Correction:**

Forward:

1

Back:

NA

**Final checks:**

11-20-63

*Signature:* J. Homick

*Date:* 4-19-63

*Checked by:* C. Wagner

*Date:* 4-29-63

*Signature:* C. Wagner

*Date:* 4-29-63
COMPILATION REPORT
T-12276

Items 31 thru 47 are submitted with the Descriptive Report for T-12277.

[Signature]
I. I. Saperstein
Cartographer (Photo)

APPROVED AND FORWARDED

[Signature]
John C. Ball
Norfolk Regional Officer
48. Geographic Name List

Names were taken from the Final Name Sheet as prepared on the AWENDAW quadrangle by the Geographic Names Section, Washington Office.

AWENDAW CREEK
BUCK HALL
BUCK HALL RECREATION AREA
BULL BAY
BULL RIVER
CAPE ROMAIN NATIONAL WILDLIFE REFUGE
DOAR ROAD
DOE HALL CREEK
GRAHAM CREEK
HARBOR RIVER
INTRACOASTAL WATERWAY
LAUREL HILL PLANTATION
LONG CREEK

MATHews cut
MORANTS POINT
OLD GEORGETOWN ROAD
PINELAND
SALTPOND CREEK
SANDY POINT CREEK
SOUTH CAROLINA
TIBWIN
TIBWIN CREEK
TIBWIN PLANTATION
U. S. 17
U. S. 701
WHITE BANKS

*Name taken from Chart 837 SC E 103°
GEOGRAPHIC NAMES
Ph5216 (Winyah Bay - Charleston Harbor, S.C.)
T-12276 (Shoreline)

Awendaw Creek
Awendaw
Bull Bay
Bull River
Buck Hall
Buck Hall Recreation Area
Cape Romain National Wildlife Refuge
Doe Hall Creek
Doar Road
Graham Creek
Intracoastal Waterway
Harbor River
Laurel Hill Plantation
Long Creek
Mathews Cut
Morants Point
Old Georgetown Road
Pineland
Saltpond Creek
Sandy Point Creek
Tibwin Creek
Tibwin Plantation
Tibwin Village
U.S. 17 & U.S. 701
White Banks

A. J. Wraight
Geographic Names
Rechecked & O.K.
7/2/65

* Beyond delineation limits
49. NOTES FOR THE HYDROGRAPHER

(a) A wreck shown on charts 837 and 1238 at approximate Lat. 33°01.7' Long. 79°31.8' could not be seen on the photographs and should be investigated by the hydrographer.

(b) Form 526 has not been submitted by the field inspector for triangulation station "SHELLMORE OYSTER FACTORY E. GABLE, 1934". It will be noted that the field inspector identified the "NW Gable, oyster packing house", as a landmark. The landmark shown on charts 837 and 1238 is probably the triangulation position. It is necessary to show only one (either) gable as a landmark. This matter has been called to the attention of the field editor.

(c) During the review of the manuscript it was noted that a discrepancy existed in the date of triangulation station "LIVE OAK 2". It is listed variously in the geographic positions, plane coordinate positions and in the description as "LIVE OAK 2 1902" and "LIVE OAK 2 1917". This station was established in 1902 and remarked with a disk in 1917. It has been shown on the manuscript as "LIVE OAK 2 1902-1917".

(d) Positions for Winyah Bay - Charleston Harbor Daybeacons 55, 57, 59 could not be determined because of poor intersections. This was referred to the field editor for clarification.
**NONFLOATING AIDS OR LANDMARKS FOR CHARTS**

TO BE CHARTED

I recommend that the following objects which have (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

I. I. Saperstein

Tampa District Office

January 22, 1964

<table>
<thead>
<tr>
<th>STATE</th>
<th>SOUTH CAROLINA</th>
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<tr>
<td>CHARTING NAME</td>
<td>DESCRIPTION</td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td>WINYAH BAY - CHARLESTON HARBOR</td>
<td></td>
</tr>
<tr>
<td>LIGHT 40</td>
<td></td>
</tr>
<tr>
<td>LIGHT 43</td>
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<tr>
<td>DAYBN 44</td>
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<td>LIGHT 45</td>
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<td>LIGHT 46</td>
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<td>DAYBN 47</td>
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<tr>
<td>DAYBN 52</td>
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<td>DAYBN 53</td>
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</tbody>
</table>

This form shall be prepared in accordance with Hydrographic Manual, Publication 20.2, Sec. 1-55, 2-39, 6-36, 7-18 to 22 inclusive, and Fig. 79. 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.
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 I. I. Saperstein

<table>
<thead>
<tr>
<th>STATE</th>
<th>SOUTH CAROLINA</th>
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</thead>
<tbody>
<tr>
<td>CHARTING NAME</td>
<td>WINTAH BAY - CHARLESTON HARBOR</td>
</tr>
<tr>
<td>SIGNAL NAME</td>
<td>DAVEN 59</td>
</tr>
<tr>
<td>LATITUDE</td>
<td>33 01</td>
</tr>
<tr>
<td>LONGITUDE</td>
<td>29 83</td>
</tr>
<tr>
<td>D.M. METERS</td>
<td>919</td>
</tr>
<tr>
<td>D.P. METERS</td>
<td>79 24</td>
</tr>
<tr>
<td>DATUM</td>
<td>35 37</td>
</tr>
<tr>
<td>METHOD OF LOCATION AND SURVEY</td>
<td>Plot</td>
</tr>
<tr>
<td>DATE OF LOCATION</td>
<td>Oct. 56</td>
</tr>
<tr>
<td>CHARTS AFFECTED</td>
<td>Photo</td>
</tr>
</tbody>
</table>

* Field Editor did not furnish the day

This form shall be prepared in accordance with Hydrographic Manual, Publication 20.2, Sec. 1-55, 2-39, 6-36, 7-18 to 22 inclusive, and Fig. 79. 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
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

I. I. Saperstein

V. Ralph Sobierski

Chief of Party

<table>
<thead>
<tr>
<th>STATE</th>
<th>SOUTH CAROLINA</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHARTING NAME</td>
<td>DESCRIPTION</td>
</tr>
<tr>
<td>OYSTER</td>
<td>N. W. Gable of Oyster Packing</td>
</tr>
<tr>
<td>HOUSE</td>
<td>House. ht = 25 (30)</td>
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<table>
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<th>POSITION</th>
<th>LATTITUDES</th>
<th>LONGITUDES</th>
<th>DATUM</th>
<th>METHOD OF LOCATION AND SURVEY PHOTO</th>
<th>DATE OF LOCATION</th>
<th>CHARTS AFFECTED</th>
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<tbody>
<tr>
<td></td>
<td>33.02</td>
<td>77.77</td>
<td>79.33</td>
<td>74.65</td>
<td>1927</td>
<td>T-12276 1962</td>
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</tbody>
</table>

This form shall be prepared in accordance with Hydrographic Manual, Publication 20.2, Sec. 1-55, 2-39, 6-36, 7-18 to 22 inclusive, and Fig. 79. Positions of charted landmarks and nonfloating aids to navigation, if determined, 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
<table>
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<th>Control Stations</th>
<th>WHS</th>
<th>WHS</th>
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<tr>
<td>5. Horizontal control stations of third-order or higher accuracy</td>
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<td>WHS</td>
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<tr>
<td>7. Photo hydro stations</td>
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<td>WHS</td>
</tr>
<tr>
<td>8. Bench marks</td>
<td>WHS</td>
<td>?</td>
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<tr>
<td>11. Detail Points</td>
<td>Kelsh (I.I.S.)</td>
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</tr>
<tr>
<td>12. Shoreline</td>
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<td>WHS</td>
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<td>13. Low-water line</td>
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<td>WHS</td>
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<tr>
<td>14. Rocks, shoals, etc.</td>
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<td>WHS</td>
</tr>
<tr>
<td>15. Bridges</td>
<td>XX</td>
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<td>16. Aids to Navigation</td>
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<td>17. Landmarks</td>
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<tr>
<td>18. Other alongshore physical features</td>
<td>WHS</td>
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<tr>
<td>19. Other alongshore cultural features</td>
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<td>Physical Features</td>
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<td>21. Natural ground cover</td>
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<td>22. Planetary contours</td>
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<td>23. Stereoscopic instrument contours</td>
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<td>24. Contours in general</td>
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<td>XX</td>
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<td>25. Spot elevations</td>
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<td>26. Other physical features</td>
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<td>Cultural Features</td>
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<td>27. Roads</td>
<td>WHS</td>
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<td>28. Buildings</td>
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<td>30. Other cultural features</td>
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<td>WHS</td>
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<td>Boundaries</td>
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<td>31. Boundary lines</td>
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<td>Miscellaneous</td>
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<td>WHS</td>
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<tr>
<td>33. Geographic names</td>
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</tr>
<tr>
<td>35. Legibility of the manuscript</td>
<td>WHS</td>
<td>XX</td>
</tr>
<tr>
<td>36. Discrepancy overlay</td>
<td>WHS</td>
<td>XX</td>
</tr>
<tr>
<td>37. Descriptive report</td>
<td>WHS</td>
<td>XX</td>
</tr>
<tr>
<td>38. Field inspection photographs</td>
<td>WHS</td>
<td>XX</td>
</tr>
<tr>
<td>39. Forms</td>
<td>WHS</td>
<td>XX</td>
</tr>
<tr>
<td>Signature of reviewer</td>
<td>William H. Shearouse</td>
<td>Wilton M. Slaveny</td>
</tr>
<tr>
<td>Signature of compiler</td>
<td>I. I. Saperstein</td>
<td>Wilton M. Slaveny</td>
</tr>
</tbody>
</table>

Use reverse side for remarks.
Field Edit Report - T-12276

No Field Edit Report has been received.

Questions referred to the field editor on the ozalid Discrepancy Print were satisfactorily resolved during field edit in October 1963.

1. Road and trail classifications.

2. New "cuts" for location of the daybeacons in the Intracoastal Waterway gave tight intersections.

3. Form 526's submitted for "MORE, 1934," and "SHELLMORE OYSTER FACTORY EAST GABLE 1934." The latter, which was "recovered as described" by the field editor is not shown on T-12276; because the plotted position falls in an open area on the photograph. It is believed the original building was destroyed and a new one built in a new location. An appropriate note has been made on the form 526.
61. **GENERAL STATEMENT**

See summary accompanying Descriptive Report (page 6).

62. **COMPARISON WITH REGISTERED TOPOGRAPHIC SURVEYS**

| T-8237 | 1:20,000 | 1943 |

An ozalid comparison print is submitted with the differences noted:

The Intracoastal Waterway has been widened.

The wreck at the entrance to Harbor River, latitude 33° 01.7 longitude 79° 31.8 was recommended for deletion, see Item 65.

Some shoreline changes are evident at the entrance to Graham Creek and in the marsh islands "White Banks".

This map supersedes the listed prior survey for nautical chart construction.

63. **COMPARISON WITH MAPS OF OTHER AGENCIES**

| A.M.S. | AWENDAW, SOUTH CAROLINA | 1:25,000 | 1943 |
| U.S.G.S. | " | " | 1:24,000 | " |

T-8237 (Item 62) was originally compiled by the Coast and Geodetic Survey for the Corps of Engineers, which printed it at 1:25,000 scale; the U.S.G.S. quadrangle, 1:24,000 scale, is the civil edition of the same map. The same differences with T-12276 exist that are noted in Item 62.

64. **COMPARISON WITH CONTEMPORARY HYDROGRAPHIC SURVEYS**

Comparison was made with a copy of boat sheet HFP 20-1-63, 1:20,000 scale, no date.

The boat sheet is in agreement with this manuscript with the exceptions of two minor shoreline areas:

One at a small drain at latitude 33° 01.25 longitude 79° 33.55; and another on the shoreline at latitude 33° 02.33 longitude 79° 30.73.
65. COMPARISON WITH NAUTICAL CHARTS

Comparison was made with:


Chart 1238, 1:80,000 scale, 4th edition, May 10, 1965 was used for the area not covered by Chart 837 SC.

The manuscript indicates the Intracoastal Waterway has been widened, by as much as approximately 35 meters when compared with Charts 837 SC and 1238.

The manuscript shows several small piers, a boat ramp, and a marine railway on the north shore of the Intracoastal Waterway between longitude 79° 33' and 79° 34' that do not appear on the charts.

Daybeacon 59, located by the field party in October 1963, is on the manuscript but not on Chart 837 SC; neither is it listed in the 1965 Light List. A complete file of Notice to Mariners, in which this deletion is probably noted, is not now available in this office.

The wreck at the entrance to the Harbor River at latitude 33° 01'.7 longitude 79° 31'.8, shown on Charts 837 SC and 1238, had been called to the attention of the hydrographer, per Item 49 of this report. The field edit ozalid included a statement that the hydrographer is "recommending that the wreck at the entrance to Harbor River be deleted".

66. ADEQUACY OF RESULTS AND FUTURE SURVEYS

No items are noted for future surveys.

This survey complies with the instruction and meets the National Standards of Map Accuracy.

Reviewed by

M. M. Slavney

Approved by

J. Bull, Norfolk Regional Officer
Approved by

[Signature]
Chief, Cartographic Branch

[Signature]
Chief, Photogrammetry Division

Chief, Chart Division

Chief, Operations Division
# Non-Floating Aids or Landmarks for Charts

**Georgetown, South Carolina**  
16 Feb. 1969

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

The positions given have been checked after listing by Philip E. Walboll

<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 Location and Survey No.</th>
<th>Date of Location</th>
<th>E.H.R.</th>
<th>No. of Chart</th>
<th>CHARTS AFFECTED</th>
</tr>
</thead>
<tbody>
<tr>
<td>TREES</td>
<td>only 16 feet tall, not good as landmark</td>
<td>F.E. 1944</td>
<td>33-04.6</td>
<td>79-32.5</td>
<td>M.A.</td>
<td>2-15-49</td>
<td>3-5-49</td>
<td>H.M.</td>
<td>1257</td>
<td>1257</td>
</tr>
<tr>
<td>STANDPIPE</td>
<td>roosed in 1962</td>
<td>G.E. 1944</td>
<td>32-47.2</td>
<td>79-47.3</td>
<td>M.A.</td>
<td>2-15-49</td>
<td>3-5-49</td>
<td>H.M.</td>
<td>1257</td>
<td>1257</td>
</tr>
</tbody>
</table>

This form shall be prepared in accordance with Hydrographic Manual, Publication 20.2, Sec. 6-36, Fig. 79. Positions of charted landmarks and non-floating 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
NOTES TO VERIFIER
T-12276 Project 21058 (Ph-6216)
BOAT SHEET NO. HFP 20-1-63
MAY 1965

The boat sheet is in agreement with this map with the exception of two minor shoreline areas:

One a small drain at latitude 33° 01'.25 longitude 79° 33'.55 and another on the shoreline at latitude 33° 02'.33' longitude 79° 30'.73'.