## DESCRIPTIVE REPORT

**Type of Survey**
Planimetric

**Field No.**
6126

**Office No.**
T-11315

### LOCALITY

**State**
South Carolina

**General locality**
Charleston County

**Locality**
Stone River

**1956**

**CHIEF OF PARTY**
Ira R. Rubottom, Chief of Party
V. Ralph Sobiersalski, C-in-C., Portland

**Photogrammetric Office**

**LIBRARY & ARCHIVES**

**DATE**
JUN 2 - 1958
DESCRIPTIVE REPORT - DATA RECORD

T-11315

Project No. (II): 6126
Quadrangle Name (IV): Stono River

Field Office (II): Charleston, S. C.
Chief of Party: Ira R. Rubottom

Photogrammetric Office (III): Portland, Oregon
Officer-in-Charge: V. Ralph Sobieralski

Instructions dated (II) (III): 13 December 1955
Amendment dated: 20 March 1956

Portland Office assignment
Letter 72, mkd dated 2 August 1956

Method of Compilation (III): Graphic

Manuscript Scale (III): 1:10,000
Stereoscopic Plotting Instrument Scale (III): None

Date received in Washington Office (IV): OCT 30 1957
Date reported to Nautical Chart Branch (IV):

Applied to Chart No. Date: Date registered (IV): 3 Mar 1958

Publication Scale (IV):

Geographic Datum (III): N.A. 1927
Vertical Datum (III): X
Mean sea level except as follows:
Elevations shown as (25) refer to mean high water
Elevations shown as (2) refer to sounding datum
i.e., mean low water or mean lower low water

Reference Station (III): LUCK 1933

Lat.: 32° 43' 59.695" 1838.9m
Long.: 80° 00' 46.405" 1208.3m
(9.1m) (354.0m)
Adjusted X Unadjusted

Plane Coordinates (IV):
Y = State: Zone:
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.
DESCRIPTIVE REPORT - DATA RECORD

Field Inspection by (II): Martin C. Moody
John S. Winter
John R. Smith

Date: Jan., Feb., 1956
Mar., 1956
Mar., 1956

Planetary contouring by (II):

Date:

Completion Surveys by (II):

Date:

Mean High Water Location (III) (State date and method of location): From field inspection of March 1956 made on 9-lens photographs of March 1952 and March 1955, supplemented by office examination and refinement.

Date: 12-21-55

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

Date: 11-3-56

Projection and Grids checked by (IV):

Date:

Control plotted by (III): LTJG Clinton D. Upham

Date: 10/12/56

Control checked by (III): J. L. Harris

Date: 10/13/56

Radial Plot or Stereoscopic Control extension by (III):

Date: 1/21/57

J. L. Harris

Planimetry

Date:

Stereoscopic Instrument compilation (III):

Contours

Date:

Manuscript delineated by (III): R. B. Melby  (Rough Draft)
D. N. Williams  (Scribing)
D. N. Williams  (Stick-up)

Date: 3/29/57
4/21/57
6/21/57

Photogrammetric Office Review by (III): J. E. Deal

Date: 7/23/57

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

Date:
5.

DESCRIPTIVE REPORT - DATA RECORD

Camera (kind or source) (III): C&GS 9-lens - focal length 8.25 inches

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<th>Stage of Tide</th>
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<tr>
<td>thru</td>
<td></td>
<td></td>
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<tr>
<td>35855</td>
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<tr>
<td>49247</td>
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<td>and</td>
<td></td>
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<td>49248</td>
<td>3/23/55</td>
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Tide (III)

Reference Station: Charleston, S. C.
Subordinate Station: Elliot Cut, Stono River

Washington Office Review by (IV):

Final Drafting by (IV):

Drafting verified for reproduction by (IV):

Proof Edit by (IV):

Land Area (Sq. Statute Miles) (III): 14
Shoreline (More than 200 meters to opposite shore) (III): 5
Shoreline (Less than 200 meters to opposite shore) (III): 1
Control Leveling - Miles (II):

Number of Triangulation Stations searched for (II): 4*
Number of BMs searched for (II): 3#
Number of Recoverable Photo Stations established (III): None
Number of Temporary Photo Hydro Stations established (III): None

Recovery:

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<td>5.2</td>
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Remarks:

* Plus 12 north of map
** Plus 5 north of map
*** Plus 1 north of map

# Tidal Bench Marks north of map

Date: Feb 1958
FIELD INSPECTION REPORT

Project Ph-126

Map Manuscript T-11315

Refer to Field Inspection Report, Project 6126, Map Manuscripts T-11306 to T-11315 inclusive, year 1956, Ira R. Rubottom, Chief of Party.
PHOTOGRAMMETRIC PLOT REPORT

Map Manuscript T-11315

Project Ph-126

The control extension for this map manuscript was completed as part of a combined radial plot comprising Map Manuscripts No'd. T-11309, T-11310 and T-11313 thru T-11315. The Photogrammetric Plot Report is included in the Descriptive Report for T-11309.
<table>
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<tr>
<th>STATION</th>
<th>SOURCE OF INFORMATION</th>
<th>DATUM</th>
<th>LATITUDE OR y-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>80 00</td>
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1 ft. = 0.3048006 meter

31. Delineation:

Remarks contained in Paragraph 31. "Delineation" of the Compilation Report for T-11306 are applicable to T-11315.

32. Control:

Horizontal control was adequate.

Paragraphs 33 thru 36:

Remarks contained in these paragraphs of the Compilation Report for T-11306 are applicable to T-11315.

37. Landmarks and Aids:

None

38. Control for Future Surveys:

None.

39. Junctions:

A satisfactory junction was made on the East with T-11306 and on the South with T-11310. Any contemporary surveys that may be to the North and West were not made available for junction purposes. THERE IS NONE.

40. Horizontal and Vertical Accuracy:
46. **Comparison with Existing Surveys:**

Comparison was made with Army Map Service Legareville, S. C. 7½ minute quadrangle, Scale, 1:25,000, published 1943 (1st edition).

Comparison was made with C&GS Air Photo Compilations as follows:

- T-5153 Scale, 1:20,000
- T-5182 Scale, 1:10,000
- T-5185 Scale, 1:10,000

47. **Comparison with Nautical Charts:**

Comparison was made with nautical chart No. 792, scale, 1:40,000, published June 1941, last corrected 6/27/55.

"Items to be applied to nautical charts immediately"

None.

"Items to be carried forward".

None.

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**Approved:**

[Signature]

V. Ralph Sobierski  
LCDR C&GS Survey  
Officer-in-Charge

**Respectfully submitted:**

[Signature]

J. Edward Deal  
Cartographer  
C&GS
Cedar Springs Church
Charleston County
Hartwick Hall

Hut Creek

James Island
Johns Island
Johns Island Airport

Maybank Highway
Miller Hill (not Miller Hall)

Flowed Ground Road

River Road

St. Stephen's Church
South Carolina
Stone River

Wesley Methodist Church

Names approved 12-6-57
L. H. Eck
49. Notes to the Hydrographer:

None.
PHOTOMGRAMMETRIC OFFICE REVIEW
T-11315


CONTROL STATIONS

ALONGSHORE AREAS
(Nautical Chart Data)

PHYSICAL FEATURES

CULTURAL FEATURES

BOUNDARIES
31. Boundary lines none 32. Public land lines none

MISCELLANEOUS
40. Reviewer

J. Edward Deal  Supervisor, Review Section of Unit

41. Remarks (see attached sheet)

FIELD COMPLETION ADDITIONS AND CORRECTIONS TO THE MANUSCRIPT
42. Additions and corrections furnished by the field completion survey have been applied to the manuscript. The manuscript is now complete except as noted under item 43.

__Compiler__  __Supervisor__

43. Remarks:
REVIEW REPORT T-11306 thru T-11315
PLANI METRIC
12 February 1958

62. COMPARISON WITH REGISTERED TOPOGRAPHIC SURVEYS

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<td>1362</td>
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<td>1854</td>
<td>3843</td>
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<td>1858</td>
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These manuscripts supersede all the above surveys in common areas as source material for charts.

63. COMPARISON WITH MAPS OF OTHER AGENCIES

James Island  1:25,000  AMS
The Jetties    
Legareville   
Kiawah Island  

64. COMPARISON WITH CONTEMPORARY HYDROGRAPHIC SURVEYS

None

65. COMPARISON WITH NAUTICAL CHARTS

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<td>491</td>
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66. ADEQUACY OF RESULTS AND FUTURE SURVEYS

These maps comply with instructions and meet the National Standards of Map Accuracy.

They are of adequate accuracy for use as a base for future hydrographic surveys.

Pertinent comments applicable to each survey follow:

T-11306

Attention is directed to Item 47 for investigation by future hydrographic surveys.

The overhead power cable over Simpson Creek was not verified by field inspection.
66. ADEQUACY OF RESULTS AND FUTURE SURVEYS CONTINUED

T-11307

Refer to Item 41 and 47 of the Compilation Report.

T-11308

It is recommended that the positions of the north and south jetties be checked by the hydrographer. Refer to Item 25 of the Plot Report and Item 31 of the Compilation Report.

T-11311

Several Differences exist in clearances between the manuscript and the chart.

<table>
<thead>
<tr>
<th>Location</th>
<th>Feature</th>
<th>Chart</th>
</tr>
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<tbody>
<tr>
<td>East of Peas Island</td>
<td>QVHD CAB</td>
<td>15° 59'</td>
</tr>
<tr>
<td>Folly Beach Aer. Folly Cr. Fixed Bridge</td>
<td>Vt. el. 10'</td>
<td>11°</td>
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<tr>
<td></td>
<td>Horiz. el. 57'</td>
<td>94'</td>
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<tr>
<td>Oak Island Cr.</td>
<td>Fixed Bridge Vt. el. 3'</td>
<td>Chart el.</td>
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<tr>
<td></td>
<td>Horiz. el. 28'</td>
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</table>

Reviewed by
A. K. Haywood

Approved

Chief, Review Branch
Photogrammetry Division

Chief, Photogrammetry Division

Chief, Nautical Chart Branch
Charts Division

Chief, Coastal Surveys Division
62. COMPARISON WITH REGISTERED TOPOGRAPHIC SURVEYS

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</table>

These manuscripts supersede all the above surveys in common areas as source material for charts.

63. COMPARISON WITH MAPS OF OTHER AGENCIES

James Island 1:25,000 AMS
The Jetties " "
Lagaraville " "
Klawah Island " "

64. COMPARISON WITH CONTEMPORARY HYDROGRAPHIC SURVEYS

None

65. COMPARISON WITH NAUTICAL CHARTS

<table>
<thead>
<tr>
<th></th>
<th>1:40,000</th>
<th>1:20,000</th>
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</thead>
<tbody>
<tr>
<td>792</td>
<td>2nd Ed. 1941 Revised 9/9/57</td>
<td></td>
</tr>
<tr>
<td>491</td>
<td>1st Ed. 1936 Revised 1/21/57</td>
<td></td>
</tr>
</tbody>
</table>

66. ADEQUACY OF RESULTS AND FUTURE SURVEYS

These maps comply with instructions and meet the National Standards of Map Accuracy.

They are of adequate accuracy for use as a base for future hydrographic surveys.

Pertinent comments applicable to each survey follows:

T-11306

Attention is directed to Item 47 for investigation by future hydrographic surveys.

The overhead power cable over Simpson Creek was not verified by field inspection.
66. ADEQUACY OF RESULTS AND FUTURE SURVEYS CONTINUED

T-11307

Refer to Item 4 and 47 of the Compilation Report.

T-11308

It is recommended that the positions of the north and south jetties be checked by the hydrographer. Refer to Item 25 of the Plot Report and Item 31 of the Compilation Report.

T-11311

Several differences exist in clearances between the manuscript and the chart.

<table>
<thead>
<tr>
<th>Location</th>
<th>Feature</th>
<th>Chart</th>
<th>Survey</th>
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<td>East of Pea Island</td>
<td>G320 CAB</td>
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<td>Polly Beach Acr. Folly Cr.</td>
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<td>Horiz. el. 62'</td>
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<td>Oak Island Cr.</td>
<td>Fixed Bridge Wt. el. 3'</td>
<td>Horiz. el. 23'</td>
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Reviewed by

A. H. Haywood

Approved

L. C. Lande

Chief, Review Branch
Photogrammetry Division

Chief, Nautical Chart Branch
Charts Division

At. Bull

Chief, Photogrammetry Division

Chief, Coastal Surveys Division
### Record of Application to Charts

<table>
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<tr>
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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.