## Descriptive Report

**Field:** 50  
**Sheet No.:** 5250  
**Reg.:** 5250

**State:** South Carolina

<table>
<thead>
<tr>
<th>Locality</th>
<th>1934-5</th>
</tr>
</thead>
<tbody>
<tr>
<td>N. W. Murrell Inlet</td>
<td></td>
</tr>
<tr>
<td>Waccamaw River</td>
<td></td>
</tr>
<tr>
<td>Waccamaw and Pee Dee Rivers</td>
<td></td>
</tr>
<tr>
<td>Bull Creek</td>
<td></td>
</tr>
</tbody>
</table>

**Chief of Party:**  
E. K. Kirsch
Affidavit of James Jan. 28, 1933
PHOTOS NO.; 194 through 209 319 through 360

DATE
August 4, 1934
August 5, 1934

TIME
8:00 to 8:20 A.M.
8:40 A.M.

PROJECTION BY
L. C. Ripley
E. H. Kirsch
An Ilau

PROJECTION CHECKED BY

CONTROL PLOTTED BY
W. W. Johnson

CONTROL CHECKED BY
F. H. McBeth

CONTROL PLOTTED ON PHOTOS BY
E. J. Anderson

CONTROL CHECKED ON PHOTOS BY

SMOOTH RADIAL PLOT BY
L. C. Lunde

SMOOTH RADIAL PLOT CHECKED BY
E. S. Ethridge

SCALE PLOT BY

TOPOGRAPHY TRANSFERRED BY
E. S. Ethridge

TOPOGRAPHY CHECKED BY
F. W. Dunid

DETAIL INKED BY
E. S. Ethridge

AREA OF DETAIL INKED: 29.8 Statute (square) miles.

LENGTH OF COASTLINE: None.

LENGTH OF SHORELINE: None. (more than 200 meters wide).

LENGTH OF STREAMS: 25.1 statute miles (less than 200 meters wide).
The Topographic Sheet should be accompanied by this form, filled in as completely as possible, when the sheet is forwarded to the Office.

Field No. 50

REGISTER NO. 5250

State. South Carolina

General locality. N. W. Murrell Inlet Waccamaw and Pee Dee Rivers

Locality. Waccamaw River Bull Creek

Photos - Aug. 4 and 5, 1934.

Date of compilation. 1935.

Vessel Air Photo Compilation party No. 21.

Chief of party E. H. Kirsh

Surveyed by See data sheet in descriptive report.

Inked by E. S. Ethridge

Heights in feet above - - - - to ground to tops of trees

Contour, Approximate contour, Form line interval - - feet

Instructions dated November 10, 1933

Remarks: None.

...
GENERAL REPORT

The area covered by this sheet is very heavily wooded with an exception of a few cultivated fields and cut over woods, and in sparsely populated except along the Eastern portion. The wooded area is covered by a mixture of deciduous and coniferous trees on the high ground and cypress swamp along the streams. As there is no definite line between the cypress and the pine and oak, the marsh symbol was shown for only a short distance away from the high waterline.

Statistics:

This compilation has an area of 29.8 square statute miles. There is no coast line or shore line more than 200 meters from the opposite shore; there are 25.1 statute miles of streams less than 200 meters in width.

Photographs:

This compilation was made from a part of three flights of photos: 194 to 198 were made August 4, 1934 at 8:00 A.M., approximately 1 hour before low tide. 199 to 207 made August 5, 1934 at 8:10 A.M., approximately 1 hour before low tide. 345 to 360, made August 5, 1934 at 8:40 A.M., approximately forty minutes before low tide.

CONTROL

Sources:

The control used in this compilation was established by Lt. Crosby, 1924; Lt. Sammons 1935, and Traverse by the State of South Carolina in 1934. Control established by Crosby has been adjusted to N.A. 1927 datum. Other control is unadjusted to N.A. 1927 datum.

Errors:

No errors were found in the control.

Discrepancies:

There were no discrepancies discovered in the control used in this compilation.

COMPILATION

Method:

The unusual radial line method was used in making the plot.
Adjustment of Plot:

No unusual adjustments were made in the plot.

Interpretation:

Only approved symbols of the Board of Surveys and Maps were used.

Due to the presence of overhanging trees, it was difficult to find the exact location of the high water line, especially where the stream fell some distance out on the wing of the photos.

Due to the overhanging trees, it was necessary to estimate the shoreline on the Pee Dee River in the following minutes of Latitude and Longitude: 33° 35' - 79° 07'; 33° 37' - 79° 08'; 33° 36' - 79° 06'; 33° 37' - 79° 07'. However it is felt that the above mentioned shoreline is in error of not more than 1.0 ft.

The small streams where high water lines were obscured by overhanging trees were shown by rows of bushes.

No attempt was made to show the stacks of lumber at Bucksport just south of 33° 39' and slightly East of 79° 06' since they are constantly changing.

Information from other sources:

Additional information was obtained from the field inspection party and from Graphic Control sheets "H" Reg. No. and "J" Reg. No. J-6327', J. C. Sammons, 1935.

Conflicting Names:

No conflicting names were found.

The names BULL CREEK, BULL ISLAND, and SANDY ISLAND were taken from a map compiled by Mr. T. M. Jordan, Civil Engineer, Myrtle Beach, S. C., in April 1930.

COMPARISON WITH OTHER SURVEYS:

There are no U.S.C. & G.S. Charts covering this area.

Junctions:

Satisfactory junctions were made with the following sheets: North - sheet No. 52h9; East - 52h6 (1:20,000); South - 5252 and 5251. There is no adjoining sheet on the west.
A list of landmarks has not been furnished with these
graphic control surveys, but a list has been submitted
covering a larger area.
Landmarks: (See opp page)


RECOMMENDATION FOR FURTHER SURVEYS

This compilation is believed to have a probable error of not more than 0.3 mm in positions of well defined detail of importance for charting and of not more than 0.6 mm for other data.

To the best of my knowledge this sheet is complete in all detail of importance for charting purposes within the accuracy stated above and no further surveys are required.

Assisted by:

E. H. Knudt
E. H. Kirchof,
Chief of Party.

Submitted by:

E. S. Ethridge

E. S. Ethridge.
### Geographic Names

**Survey No.:** T-5250  
**Chart No.:** 1237  
**Diagram No.:**

Approved by the Division of Geographic Names, Department of Interior. ✗

Referred to the Division of Geographic Names, Department of Interior. R

Under investigation. Q

<table>
<thead>
<tr>
<th>Status</th>
<th>Name on Survey</th>
<th>Name on Chart</th>
<th>New Names in local use</th>
<th>Names assigned by Field</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Waccamaw River</td>
<td>same</td>
<td></td>
<td></td>
<td>✓</td>
</tr>
<tr>
<td></td>
<td>Bee Dee River</td>
<td>same</td>
<td></td>
<td></td>
<td>✓</td>
</tr>
<tr>
<td></td>
<td>Big Bull Creek</td>
<td>new</td>
<td></td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td></td>
<td>Sandy Island</td>
<td>new</td>
<td></td>
<td>✓</td>
<td>✓</td>
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<tr>
<td></td>
<td>Bull Island</td>
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<td></td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td></td>
<td>Bucksport</td>
<td></td>
<td></td>
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<td>✓</td>
</tr>
<tr>
<td></td>
<td>Burgess (P.O. Guide+ Geological Survey Map)</td>
<td></td>
<td></td>
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<td>✓</td>
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<tr>
<td></td>
<td>Little Bull Creek</td>
<td></td>
<td></td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td></td>
<td>Bull Creek</td>
<td>Added in accordance with chart 836 - map 7-24-22</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td></td>
<td>Prince Creek</td>
<td>U.M. - W.U. - Big Bull</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
</tr>
</tbody>
</table>

Names approved 9/19/35  
K.T. Adams
Comparison with other surveys

T-6328 b (1935), 1:10,000 scale.

There are no discrepancies between T 6328 b and this compilation over the common area.

T-6329 (1935), 1:10,000 scale.

There are no discrepancies between T 6329 and this compilation over the common area.

All detail on T-6328 b and T-6329 is shown on this compilation in the respective common areas.

There are no previous topographic surveys, no charts which cover the area of this compilation.

Comparison with new hydrographic survey

H-5841 (1935), 1:10,000 scale.

The old piles shown on H 5841 in the Waccamaw River in lat. 33° 38.8', long. 79° 05.6' cannot be seen on the photographs and have not been transferred from H-5841 to this compilation. There are no conflicts between the hydrography on H 5841 and the topography on T-5250.

Leonard C. Metcalf
August 26, 1935

Approved
K.T. Adams
1. The charts of this area have been examined and topographic
   information necessary to bring the charts up to date is shown
   on this compilation. (Par. 16a, b, c, d, e, g and 1; 26; and 64)

2. Change in position, or non-existence of wharves, lights, and
   other topographic detail of particular importance to naviga-
   tion which affect the chart, is discussed in the descriptive
   report. (Par. 26; and 66 g, n)

3. Ground surveys by plane table, sextant, or theodolite have been
   used to supplement the photographic plot where necessary to
   obtain complete information, and all such surveys are discussed
   in the descriptive report. (Par. 65; and 66 d, e)

4. Blueprints and maps from other sources which were transmitted
   by the field party contain sufficient control for their applica-
   tion to the charts. (Par. 23)

5. Differences between this compilation and contemporary plane
   table and hydrographic surveys have been examined and rectified
   in the field before forwarding the compilations to the office
   and are discussed in the descriptive report.

6. The control and adjustment of the photo plot are discussed in the
   descriptive report. Unusual or large adjustments are discussed
   in detail and limits of the area affected are stated. (Par.
   12b; 44; and 66 c, h, i)

7. High water line on marshy and mangrove coast is clear and ade-
   quate for chart compilation. (Par. 16a, 43, and 44)

NOTE: Strike out paragraphs, words or phrases not applicable and
modify those requiring it. Paragraph numbers refer to those in the
Topographic Manual. Refer also to the pamphlet "Notes on the Compli-
ation of Planimetric Line Maps from Five Lens Air Photographs."
8. The representation of low water lines, reefs, coral reefs and rocks, and legends pertaining to them is satisfactory. (Par. 36, 37, 38, 39, 40, 41)

9. Recoverable objects have been located and described on Form 524 in accordance with circular 30, 1933, circular letter of March 3, 1933, and circular 31, 1934. (Par. 29, 30, and 57) No recoverable objects located or described.

10. A list of landmarks was furnished on Form 567 and instructions in the Director's letter of July 16, 1934, Landmarks for Charts, complied with. (Par. 16d, e; and 60) No landmarks fall within the area of this compilation.

11. All bridges shown on the compilation are accompanied by a note stating whether fixed or draw, clearance, and width of draw if a draw bridge. Additional information of importance to navigation is given in the descriptive report. (Par. 16c) No bridges in this compilation.

12. Geographic names are shown on the overlay tracing. The accepted local usage of new names has been determined and they are listed in the report, together with a general statement as to source of information and a specific statement when advisable. Complete discussion of place names differing from the charts and from the U. S. G. S. Quadrangles is given in the descriptive report, together with reasons for recommendations made. (Par. 64, and 66k) No U. S. G. S. quadrangles used.

13. The geographic datum of the compilation is N. A. 1927 and the reference station is correctly noted.

14. Junctions with adjoining compilations have been examined and are in agreement. (Par. 66j)

15. The drafting is satisfactory and particular attention has been given the following:

1. Standard symbols authorized by the Board of Surveys and Maps have been used throughout except as noted in the report.

2. The degrees and minutes of Latitude and Longitude are correctly marked.
3. All station points are exactly marked by fine black dots.

4. Closely spaced lines are drawn sharp and clear for printing.

5. Topographic symbols for similar features are of uniform weight.

6. All drawing has been retouched where partially rubbed off.

7. Buildings are drawn with clear straight lines and square corners where such is the case on the ground.

(Par. 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 48)

16. No additional surveying is recommended at this time.

17. Remarks:

18. Examined and approved;

E.H. Knapp
Chief of Party

19. Remarks after review in office:


Examined and approved:

K.T. Adams
Asst. Chief, Section of Field Records

J.C. Kibbord
Chief, Division of Charts

Chief, Section of Field Work

Chief, Division of Hydrography and Topography.