DESCRIPTIVE REPORT
Field 53
Sheet No. Reg. 5253

State: South Carolina

LOCALITY
- North of Georgetown
- Waccamaw River
- Waccamaw and Pee Dee Rivers
- Schooner Creek and Vicinity

1934-5

CHIEF OF PARTY
E. H. Kirsch
Affixed to chart 836 Jan 29, 1936 R.E.
Photo No. 168 to 185
233 to 251

Date Aug. 4, 1934
Aug. 4, 1934

Time 8:00 A.M.
8:45 A.M.

PROJECTION BY
Scale F 0.950
L. C. Ripley

PROJECTION CHECKED BY
E. H. Kirsch

CONTROL PLOTTED BY
M. E. Smith

CONTROL CHECKED BY
E. S. Ethridge

CONTROL PLOTTED ON PHOTOS BY
J. F. Richardson

CONTROL CHECKED ON PHOTOS BY
W. W. King

SMOOTH RADIAL PLOT BY
E. S. Ethridge

SMOOTH RADIAL PLOT CHECKED BY
L. C. Ripley

SCALE PLOT BY
T. P. Mitchell

TOPOGRAPHY TRANSFERRED BY
F. W. Wend

TOPOGRAPHY CHECKED BY
R. C. Hickson

DETAIL INKED BY
L. C. Ripley

AREA DETAIL INKED: 26.0 square statute miles

LENGTH OF COASTLINE: None

LENGTH OF SHORELINE: 3.5 statute miles (more than 200 meters wide)

LENGTH OF STREAMS: 39.0 statute miles (less than 200 meters wide)
DEPARTMENT OF COMMERCE
U.S. COAST AND GEODETIC SURVEY

TOPOGRAPHIC TITLE SHEET

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. 53

REGISTER NO. 5253

State: South Carolina

General locality: North of Georgetown, Waccamaw and Pee Dee Rivers

Locality: Waccamaw River, Schooner Creek and Vicinity

Photographs - August 15, 1934

Scale: 1:10,000

Date of survey: 1934

Compilation - Feb. 2, 1935

Vessel: Air Photo Compilation Party No. 21

Chief of party: E. H. Kirch

Surveyed by: See data sheet in descriptive report

Inked by: J. C. Ripley

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 INFORMATION

Statistics:

There are 28 square statute miles of land area, 3.5 statute miles of shore line over 200 meters from opposite shore and 39 statute miles of streams less than 200 meters wide.

General Report:

The area covered by the eastern end of this sheet is principally abandoned rice fields along the Waccamaw River, generally speaking the dikes have washed and the ditches partly filled. The vegetation on the dikes is cypress and myrtle.

The area at the extreme western end is also abandoned rice fields in the same condition as the above. These are on the Black River.

Between these is cut-over timber land with a few scattered fields of cultivated land.

Photographs:

There are portions of two flights over this area photos 168 to 185 taken on north bound flight at 8 AM August 4, 1934, 3 hours and 22 minutes after high tide.

Photos 239 to 251 taken on south bound flight at 8:45 AM Aug. 4, 1934, 4 hours 07 minutes after high tide, using Georgetown, Winyah Bay gauge as base.

CONTROL

Sources:


Errors:

No errors in control were noted.

Discrepancies:

No control established by other organizations was used, except the one listed under source of control.

Compilation:

The usual radial line method as described in "Notes on the
compilation of planimetric line maps from 5-lens aerial photos. 1933 was used.

Adjustment of Plot:
No unusual adjustments were necessary.

Interpretation:
As the photos were clear and generally with little tilt no difficulty was experienced in interpretation.

Information from other sources:

Conflicting Names:
No conflicting names were found.

Comparison with other surveys:
Satisfactory junctions have been made with sheets 5251 on the north, 5254 on the east, 5255, 5256, 5376 on the south. There is no joining sheet on the west.

There is at present no chart covering this area.

Landmarks:

A list of landmarks and marked topographic stations will be submitted with Graphic Control sheet "H" Reg. No. T-6328 b, by J. C. Sammons 1935. Also Sheet "F" Reg. No. T-6327 b, and "G" Reg. No. T-6328 g .

RECOMMENDATIONS FOR FURTHER SURVEYS
This compilation is believed to have a probable error not exceeding .3 mm in positions of well-defined detail of importance for charting and not exceeding .6 mm in other detail.

To the best of my knowledge this sheet is complete in all detail of importance for charting and no additional surveys are necessary.

Assisted by: E. H. Kirsch
Submitted by: L. C. Ripley
E. H. Kirsch, Chief of Party
Comparison with the Graphic Control Surveys.

T-6327b (1935) 1:10,000 scale. There are no discrepancies between T-6327b and this compilation over the common area.

T-6328a (1935) 1:10,000 scale. There are no discrepancies between T-6328a and this compilation over the common area.

T-6329b (1935) 1:10,000 scale. There are no discrepancies between T-6329b and this compilation over the common area.

All detail on T-6327b, T-6328a, T-6329b is shown on this compilation over the respective common areas. One recoverable station Bath (S. Gable Small Boathouse) was transferred from T-6328a to this compilation.

Comparison with New Hydrographic Surveys.

H-5840 (1935) 1:10,000 scale. The logs and stumps shown on H-5840 in the Pee Dee and Waccamaw Rivers or tributaries cannot be identified on the photographs. This detail has not been transferred to the compilation. There are no conflicts of soundings on H-5840 with the shorelines of this compilation.

There are no previous topographic surveys or charts which cover all or a portion of this compilation.

Errors.

The projection of this compilation was tested and is in error. The 33° 28' parallel is north of its correct position by about 3 meters. This parallel could not be moved without introducing an error in the plotting of two triangulation stations and has not been changed.

August 27, 1935

[Signature]
GEOGRAPHIC NAMES

Date: Aug 26, 1935

Survey No. T-5253
Chart No. 
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>
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<td>Pee Dee River</td>
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<tr>
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<td>Waccamaw River</td>
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<td></td>
<td>Black River</td>
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<td>Squirrel Creek</td>
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<td></td>
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<td></td>
<td>Waverly Creek</td>
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</tbody>
</table>

Names approved 10/2/35

KTA.
Chief of Party: E. H. Kirsch  Compiled by: L. C. Ripley
Project: HT 162  Instructions dated: Nov. 10, 1933

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 i; 26; and 64)

2. Change in position, or non-existence of wharfs, lights, and other topographic detail of particular importance to navigation 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 application to the charts. (Par. 23) None transmitted

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 adequate 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 Compilation 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)

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)

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)

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)

13. The geographic datum of the compilation is M.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:

[Signature]
Chief of Party

19. Remarks after review in office:

Reviewed in office by: Leonard A. Leavens August 29, 1935
Frank E. Haline

Examined and approved:

[Signature]
Chief, Section of Field Records

[Signature]
Chief, Division of Charts

[Signature]
Chief, Section of Field Work

[Signature]
Chief, Division of Hydrography and Topography.