DEPARTMENT OF COMMERCE
U.S. COAST AND GEODETIC SURVEY

State: South Carolina

DESCRIPTIVE REPORT.

LOCALITY:

CHIEF OF PARTY:
R. F. Luce
Descriptive Report to Accompany
Topographic Sheets No. 3814, 3815, and 3816.
Instructions Dated July 9, 1920.

General Description of the Coast.
The coast in general consists of sand dunes except at the mouths
and along the banks of inlets and creeks which are almost invariably
swampy and covered with a tall swamp grass. Back of the sand dunes are
narrow strips of woods consisting of live oak, pine, and palmettos behind
which are also swamps and narrow creeks which cut the country up into a
series of small islands.

Landmarks.
There are few dwellings or outstanding features to serve as land-
marks along this coast but a short list has been noted and appended to this
report.

Change of Coast Line.
The changes in the coast line are very marked on the ocean side
but do not extend up the rivers or creeks or back into the country for any
distance. In particular, the east bank of Trenchard's Inlet has built up
from Pritchard's creek to the mouth; the shoreline of Capers Island and
Pritchard's Island from Trenchard's Inlet to Skull Inlet has receded in
some places as much as 500 meters; the shore of Fripps Island has built out
from Skull Inlet to Fripps Inlet, and the east point of the mouth of Fripps
Inlet has been cut away. East of St. Helena Sound the following changes have
taken place: the southeast shore of Pine Island has built out quite consid-
erably; Bay Point has built out; and the town of Edinville has been
entirely eliminated by the washing away of the shore, in fact, where Edin-
ville was there is now a new inlet cutting through.

Survey Methods.
The topography was mostly done by plane table traversing. The
traverses were tied in frequently with triangulation points and in no
case was the error more than allowable for such work. Wherever possible
three point positions were used but these were infrequent because of the
lay of the land. In several places, notably the banks of the South
Edisto River, it was necessary to use a sextant because the ground was
too swampy for a planetable. Sextants were also used in determining the
low water line at the mouths of the inlets owing to the greater rapidity
with which the ground could be covered.
**PLANE TABLE POSITIONS.**
Topographic Sheets No. 3814, 3815, & 3816.

<table>
<thead>
<tr>
<th>Object &amp; Description</th>
<th>Latitude</th>
<th>D.M.</th>
<th>Longitude</th>
<th>D.P.</th>
<th>Remarks</th>
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<tbody>
<tr>
<td>new, signal</td>
<td>32-19</td>
<td>1842.0</td>
<td>80-27</td>
<td>438.</td>
<td>Sheet No. 3815</td>
</tr>
<tr>
<td>Fly, &quot;</td>
<td>32-21</td>
<td>529</td>
<td>80-25</td>
<td>750</td>
<td>&quot;</td>
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<tr>
<td>Lone, most northerly lone tree on Hunting Is.</td>
<td>32-23</td>
<td>853</td>
<td>80-25</td>
<td>1052</td>
<td>&quot;</td>
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<td>Gray, north chy.</td>
<td>32-30</td>
<td>1754</td>
<td>80-20</td>
<td>225</td>
<td>&quot;</td>
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<tr>
<td>of gray house</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Chim, west chy.</td>
<td>32-31</td>
<td>426</td>
<td>80-17</td>
<td>591</td>
<td>3816</td>
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<tr>
<td>of Seabrook Rd.</td>
<td></td>
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DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY
WASHINGTON

SECTION OF FIELD RECORDS.

REPORT ON TOPOGRAPHIC SHEET No. 3614.

Surveyed in 1920.


Inked by R. F. Luce and R. D. Horne.

1. This survey conforms to the requirements of the General Instructions except that the magnetic meridian is not shown.

2. The plan and extent of the survey satisfies the specific instructions and no further surveying is required.

3. The projection and triangulation points should be verified before starting field work, and a note at the bottom of the sheet should state that this was done. Also the latitude and longitude of one point should be given.

4. The junctions of this survey with older surveys by the Coast and Geodetic Survey have not been examined for the reason that it is intended to use Geological Survey work for compiling the interior.

5. The character of the surveying and field drafting are excellent.

6. Reviewed by E. P. Ellis, April 23, 1921 and two copies of this report to be sent to Division of Hydrography and Topography.
DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY
WASHINGTON

SECTION OF FIELD RECORDS.

REPORT ON TOPOGRAPHIC SHEET NO. 3815.

Surveyed in 1920.

Chief of Party: R. F. Luce.
Surveyed by R. F. Luce and
R. D. Horne.

Inked by R. D. Horne.

1. This survey conforms to the requirements of the General
Instructions, except that the magnetic meridian is not shown.

2. The projection and triangulation points should be verified
before starting field work, and a note at the bottom of the
sheet should state that this was done. Also the latitude and
longitude of one point should be given.

3. Egg Bank and two dry spots to southward, which are shown on
Chart 154 are not shown on 3815. As they are important land-
marks when entering Morgan and Harbor Rivers, they should
be included on 3815, or if non-existent the descriptive report
should have noted the fact.

4. With the exception of the omission noted in the previous
paragraph, the plan and extent of the survey satisfies the
specific instructions and no further surveying is required.

5. The junctions of this survey with older surveys by the Coast and
Geodetic Survey have not been examined for the reason that it is
intended to use Geological Survey work for compiling the interior.

6. The character of the surveying and field drafting are excellent.

7. Reviewed by E. P. Ellis, April 25, 1921 and two copies of this
report to be sent to Division of Hydrography and Topography.
REPORT ON TOPOGRAPHIC SHEET No. 3815.

Surveyed in 1920.


Inked by R. D. Horne.

1. This survey conforms to the requirements of the General Instructions except that the magnetic meridian is not shown.

2. The projection and triangulation points should be verified before starting field work, and a note at the bottom of the sheet should state that this was done. Also the latitude and longitude of one point should be given.

3. The plan and extent of the survey satisfies the specific instructions and no further surveying is required.

4. The junctions of this survey with older surveys by the Coast and Geodetic Survey have not been examined for the reason that it is intended to use Geological Survey work for compiling the interior.

5. The character of the surveying and field drafting are excellent.

6. Reviewed by E. P. Ellis, April 25, 1921 and two copies of this report to be sent to Division of Hydrography and Topography.
DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY

TOPOGRAPHIC TITLE SHEET

The finished Topographic Sheet is to be accompanied by the following title sheet, filled in as completely as possible, when the sheet is forwarded to the Office:

U. S. Coast and Geodetic Survey.

Register No. 3814

State South Carolina

General locality Port Royal Sound

Locality Fripp's Inlet to Entrance Port Royal Sound

Chief of party R. F. Luce

Surveyed by

Date of survey Dec. 1924

Scale 1:20,000

Heights in feet above

Contour interval . feet.

Inked by Lettered by

Records accompanying sheet (check those forwarded): Photographs, Descriptive report, Horizontal angle books, Field computations, Data from other sources affecting sheet

Remarks: Title sheet by R.F.L.
DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY

TOPOGRAPHIC TITLE SHEET

The finished Topographic Sheet is to be accompanied by the following title sheet, filled in as completely as possible, when the sheet is forwarded to the Office.

U. S. Coast and Geodetic Survey.

Register No. 3815

State South Carolina

General locality St. Helena Sound

Locality South Edisto River To Fripp's Inlet

Chief of party R. F. Lux

Surveyed by

Date of survey Dec. 1920

Scale 1:20000

Heights in feet above

Contour interval

Inked by Lettered by

Records accompanying sheet (check those forwarded): Photographs, Descriptive report, Horizontal angle books, Field computations, Data from other sources affecting sheet

Remarks: Title Sheet by W. A. M.
DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY

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TOPOGRAPHIC TITLE SHEET

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The finished Topographic Sheet is to be accompanied by the following title sheet, filled in as completely as possible, when the sheet is forwarded to the Office.

U. S. Coast and Geodetic Survey.

Register No. 3816

State South Carolina

General locality Edisto Island

Locality Francis Point Luff westward

Chief of party R. F. Lux

Surveyed by

Date of survey Dec. 1920

Scale 1:20,000

Heights in feet above

Contour interval . . . . feet.

Inked by . . . . . . . Lettered by . . . . . . .

Records accompanying sheet (check those forwarded): Photographs, Descriptive report, Horizontal angle books, Field computations, Data from other sources affecting sheet . . . . . . .

Remarks: Title sheet by H.E.M.