Form 504
DEPARTMENT OF COMMERCE
U.S. COAST AND GEODETIC SURVEY

State: South Carolina

DESCRIPTIVE REPORT.

Topographic Sheet No. 4197

LOCALITY:

East Coast of South Carolina

White Point Swash to
Nine miles North of Myrtle Beach to
Floral Beach
five and one-half South of Myrtle Beach.

1926

CHIEF OF PARTY:

K. T. Adams.
DESCRIPTIVE REPORT
TO ACCOMPANY TOPOGRAPHIC SHEET

SCALE 1 : 20,000

East Coast of South Carolina.

Nine miles North of Myrtle Beach to five and one-half miles South of Myrtle Beach.

SURVEYED FEBRUARY 1926.

K. T. Adams, H. & G. Engineer, Chief of Party
B. O. Heaton, Jr. H. & G. Engineer, Topographer.

LIMITS:

The work on this sheet covers the ocean beach from a point
9 miles north of Myrtle Beach (2 miles north of △ Kettle) to △ Dick 5/2 miles
south of Myrtle Beach.

CONTROL:

The control consists of main shore stations of precise
traverse established by the Coast & Geodetic Survey in 1923, and supplemental
triangulation and traverse stations established by shore parties from the
Lyndia.

METHOD:

The plane table traverse method was used on the entire sheet,
and the loops were closed between consecutive precise, control points.

Small signals built for inshore hydrographic work were put
up in advance of the plane table work, and were located by rod readings with
check readings, or by three intersections.

High water line was rodbed in and whenever possible the low
water line was also determined by rod readings. When the tide was high, it
was necessary to estimate, and sketch the low water line.

Most of the signals on this sheet were erected by the topo-
graphic party, and consisted of cross, or skew banners of white cloth, placed on
poles, guyed in place. All wood for this purpose was found along the beach.

TRaverse Closures:

The traverse along the beach between △ Wind and △ Kettle,
(a distance of 4 statute miles, closed to 10 meters,

The traverse from △ Kettle to △ A2, a distance of 2 statute
miles, closed to 9 meters.

The traverse from △A2 to △ Can, a distance of 1.7 statute
miles, closed to 10 meters.
The traverse from A Camp to A Hyrle, a distance of 4 statute miles closed to 8 meters.
The traverse from A Hyrle to A Dick, a distance of 4.5 statute miles, closed to 15 meters.
All of the above stated discrepancies were adjusted and distributed proportionally between control stations.

GENERAL DESCRIPTION OF LOCALITY:
The area between the ocean and the timber line is in general composed of small sand dunes, covered with a rank growth of grass, level sandy stretches, covered with grass and swashes, sloughs, etc., with marsh and swamp grass on either side of them.
The timber in the woods behind the timber line is composed of pines, gums and miscellaneous broad leaved trees.
The only settlement or village on this sheet, is Hyrle Beach, strictly a summer resort town, with a hotel, dancing pavilion and many cottages.

GEOGRAPHIC NAMES:
Singleton Swash is a large swash about 6 miles north of Hyrle Beach. This name was taken from a Coast & Geodetic Survey chart.
Deephead Swash is a large swash 3 miles north of Hyrle Beach.
This name was obtained from Hyrle Beach Farms Company.
Withers Swash is a large swash about 1-1/4 miles south of Hyrle Beach. Name was obtained from Hyrle Beach Farms Company.
Dick Pond is about 5-1/2 miles south of Hyrle Beach. Name was obtained from Hyrle Beach Farms Company.
Hyrle Beach is so indicated on all maps.

PROGRESS:
Work was began on February 9, and completed on February 17.

STATISTICS:

<table>
<thead>
<tr>
<th>Description</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Statute miles of high water line</td>
<td>14.5</td>
</tr>
<tr>
<td>Statute miles of low water line</td>
<td>14.5</td>
</tr>
<tr>
<td>Area square statute miles</td>
<td>3</td>
</tr>
<tr>
<td>Working days</td>
<td>7</td>
</tr>
<tr>
<td>Men on party</td>
<td>5</td>
</tr>
<tr>
<td>Transportation</td>
<td>Ford car</td>
</tr>
</tbody>
</table>

LIST OF RECOVERABLE FLAME TABLE PIECES:

<table>
<thead>
<tr>
<th>Name</th>
<th>Lat.</th>
<th>Da</th>
<th>Dn</th>
<th>DF</th>
<th>M ins</th>
</tr>
</thead>
<tbody>
<tr>
<td>North</td>
<td>33-46</td>
<td>1077M</td>
<td>78-47</td>
<td>557M</td>
<td>See description</td>
</tr>
<tr>
<td>Green</td>
<td>33-42</td>
<td>504M</td>
<td>78-51</td>
<td>1409M</td>
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<tr>
<td>Strym</td>
<td>33-41</td>
<td>1812M</td>
<td>78-52</td>
<td>424M</td>
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<tr>
<td>White</td>
<td>33-40</td>
<td>1687M</td>
<td>78-53</td>
<td>616M</td>
<td>&quot;</td>
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<tr>
<td>Gray</td>
<td>33-39</td>
<td>1101M</td>
<td>78-54</td>
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<td>&quot;</td>
</tr>
</tbody>
</table>

Respectfully submitted

[Signature]

E. O. Beaton
E. O. Beaton, Jr., & G. Engr. C & G.S.

[Signature]

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. 4197

State: South Carolina

General locality: East Coast of South Carolina

Locality: Wysteria Beach, White Point Swash to Floral Beach

Chief of party: K. E. Adams

Surveyed by: E. O. Heaton

Date of survey: February 9th to February 17th, 1926

Scale: 1:20,000

Heights in feet above

Contour interval: feet

Inked by: E. O. Heaton. Lettered by: E. O. Heaton

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

Remarks: Description of Stations.