DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY

State: __________

LOCALITY: Cape Henry to Rudy Inlet

1916

CHIEF OF PARTY: P. C. Whitney
Descriptive Report

to accompany Topographic Sheet

Cape Henry to  Rudy Inlet

Virginia

Steamer  Bache

1916

This plane table survey was made in accordance with instructions
dated June 3, 1916 and is supplemental to the topography executed
between Cape Henry and Sewalls Point.

A plane table traverse was run from Cape Henry Lighthouse south
along the beach to a point about a mile south of Virginia Beach Hotel.
To fill in the topography a traverse was run along the tracks of the
Norfolk Southern R. R. from Virginia Beach to Cape Henry.

This survey located prominent objects as flagpoles, windmills and
houses which were used as signals for the launch hydrographic party.
Two small hydrographic signals erected by the hydrographic party were
also located.

The shore from Virginia Beach to Cape Henry is low and sandy.
Sand, grass and low bushes grow close to the high water mark. Near
Cape Henry Lighthouse: there are high sand hills in the background:
and there are small dunes to the southward.

From the pavilion at Virginia Beach to a point two miles south
along the beach summer cottages have been built close together.
Virginia Beach is connected to Norfolk, Va. by an electric line of
the Norfolk Southern R. R. A line also runs to Cape Henry.

At Cape Henry the most prominent landmarks are the old and new
Lighthouses. About a mile S.E. of Cape Henry Light on the low water
line is a boiler from a wreck.

Cape Henry is connected directly to Norfolk, Va. by an electric
line of the Norfolk Southern R. R.

The town of Virginia Beach with its houses and buildings furnish a landmark during day and night, especially during the summer months, the lights from the town are very prominent. A high black water tank back of the beach is a very conspicuous mark and in clear weather can be seen for fifteen miles out at sea.

This Topography was executed by Assistant Lieber.

Respectfully Submitted,

[Signature]

Chief of Party
Commanding.
<table>
<thead>
<tr>
<th>Object and Description</th>
<th>Lat.</th>
<th>D.M.</th>
<th>Long.</th>
<th>D.P.</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>Va. Beach Hotel Flgsf</td>
<td>36 50</td>
<td>256</td>
<td>75 58</td>
<td>387</td>
<td></td>
</tr>
<tr>
<td>Flagpole on beach</td>
<td>36 50</td>
<td>786</td>
<td>75 58</td>
<td>462</td>
<td></td>
</tr>
<tr>
<td>Flagpole on beach</td>
<td>36 50</td>
<td>900</td>
<td>75 58</td>
<td>489</td>
<td></td>
</tr>
<tr>
<td>Wireless Tower</td>
<td>36 50</td>
<td>1095</td>
<td>75 58</td>
<td>1415</td>
<td>156' high.</td>
</tr>
<tr>
<td>Water Tank</td>
<td>36 50</td>
<td>985</td>
<td>75 59</td>
<td>558</td>
<td>159' high.</td>
</tr>
<tr>
<td>Church</td>
<td>36 50</td>
<td>1443</td>
<td>75 58</td>
<td>637</td>
<td>Small bldg.</td>
</tr>
<tr>
<td>Flagpole near Coast Guard Station</td>
<td>36 51</td>
<td>285</td>
<td>75 58</td>
<td>800</td>
<td>86' high.</td>
</tr>
<tr>
<td>Cupola on Coast Guard Station</td>
<td>36 51</td>
<td>320</td>
<td>75 58</td>
<td>824</td>
<td></td>
</tr>
<tr>
<td>Cupola on stone house</td>
<td>36 51</td>
<td>444</td>
<td>75 58</td>
<td>849</td>
<td>58' high</td>
</tr>
<tr>
<td>Windmill</td>
<td>36 52</td>
<td>1841</td>
<td>75 59</td>
<td>183</td>
<td></td>
</tr>
<tr>
<td>Windmill</td>
<td>36 51</td>
<td>736</td>
<td>75 58</td>
<td>1030</td>
<td></td>
</tr>
<tr>
<td>House</td>
<td>36 52</td>
<td>163</td>
<td>75 58</td>
<td>1208</td>
<td>S.H. Chandler's</td>
</tr>
<tr>
<td>Mink</td>
<td>36 53</td>
<td>36</td>
<td>75 59</td>
<td>483</td>
<td>Old hydrographic station</td>
</tr>
<tr>
<td>Windmill</td>
<td>36 53</td>
<td>721</td>
<td>75 59</td>
<td>365</td>
<td>53' high; no wheel; near house of Chas. Nash.</td>
</tr>
<tr>
<td>Windmill</td>
<td>36 53</td>
<td>1285</td>
<td>75 59</td>
<td>474</td>
<td></td>
</tr>
<tr>
<td>Las</td>
<td>36 54</td>
<td>173</td>
<td>75 59</td>
<td>601</td>
<td>New hydrographic signal</td>
</tr>
<tr>
<td>Surf</td>
<td>36 54</td>
<td>1772</td>
<td>75 59</td>
<td>965</td>
<td>New hydrographic signal</td>
</tr>
<tr>
<td>Flagpole near Coast Guard Station</td>
<td>36 55</td>
<td>517</td>
<td>75 59</td>
<td>1244</td>
<td></td>
</tr>
<tr>
<td>Cupola on Coast Guard Station</td>
<td>36 55</td>
<td>538</td>
<td>75 59</td>
<td>1268</td>
<td>N.W. corner of C.G. Station.</td>
</tr>
<tr>
<td>Flagpole on beach</td>
<td>36 55</td>
<td>783</td>
<td>75 59</td>
<td>1442</td>
<td></td>
</tr>
<tr>
<td>Old signal station</td>
<td>36 55</td>
<td>1042</td>
<td>76 00</td>
<td>292</td>
<td></td>
</tr>
</tbody>
</table>

P.C. Whitney, 1916
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. 52

State . Virginia...

General locality . Chesaapeake Bay Entrance...

Locality . Cape Henry to Rudy Inlet...

Chief of party . Paul C. Whitney...

Surveyed by . T. J. Maher...

Date of survey . August 1916...

Scale 1/30,000...

Heights in feet above mean sea level...

Contour interval . . feet.

Inked by T. J. Maher . . Lettered by . T. J. Maher...

Records accompanying sheet (check those forwarded): Photographs, Descriptive report, Horizontal angle books, Field computations,

Data from other sources affecting sheet...

Remarks: A list of plane table positions and two descriptions of hydrographic signals (Form 524) accompany this sheet.