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C. & G. SURVEY
L. & A.
Mar 29 1917
Acc. No.

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

State: _____

11-5013

DESCRIPTIVE REPORT.

Top Sheet No. *3658*

LOCALITY:

Cape Henry To Rudy Inlet

1916

CHIEF OF PARTY:

R. C. Whitney

3658

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.

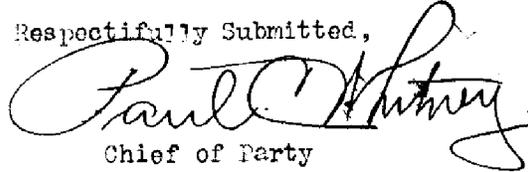
Cape Henry is connected directly to Norfolk, Va. by an electric

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 Maher.

Respectfully Submitted,

A handwritten signature in cursive script that reads "Paul Whitney". The signature is written in dark ink and is positioned above the typed name and title.

Chief of Party
Commanding.

Plane Table Positions to accompany Topographic

Sheet Number...3658... (Cape Henry - Va Beach)

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

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. 3658

State . Virginia

General locality . Chesapeake 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.