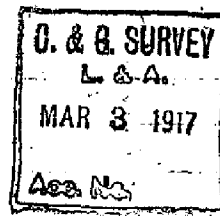


3647



Department of Commerce and Labor  
COAST AND GEODETIC SURVEY

\_\_\_\_\_  
*Superintendent.*

*State:* \_\_\_\_\_

DESCRIPTIVE REPORT.

*Exp.* \_\_\_\_\_ *Sheet No.* 3647.

LOCALITY:

\_\_\_\_\_  
190  
\_\_\_\_\_

CHIEF OF PARTY:

B

3647

Descriptive Report  
to accompany Topographic Sheet 3647.  
Cape Henry to Sewalls Point  
Virginia  
Surveyed 1916  
U. S. S. Bache  
Paul C. Whitney  
Chief of Party.

This plane table survey of the south shore of Chesapeake Bay was made under instructions dated June 3, 1916.

A traverse was run from Cape Henry, Va., along the shore and across the mouth of Lynnhaven Inlet to Ocean Park; along the shore from Ocean Park to Ocean View; around Willoughby Spit and Willoughby Bay to the Ferry Wharf at Sewall's Point. A supplementary traverse was run from Cape Henry to Bayville Chimney along the tracks of the Norfolk Southern Railroad. Other small traverses were run to fill in the Topography about Mason's Creek.

The various Hydrographic signals were located in this survey and used in the Hydrographic survey which followed the Topographic survey. All these signals were permanently marked and are described on form 524 which accompanies this sheet.

At Cape Henry the old Lighthouse stands about 100 meters S. W. of the new Lighthouse, both making excellent landmarks. The most prominent building at Cape Henry is a large green pavilion. There is a cluster of small buildings near the lighthouses which includes the Weather Bureau and the homes of the light-keepers. Storm signals are displayed at Cape Henry and are reporting stations for Maryland and Virginia pilots. Communications may be had by International Code and Morse.

The south coast of Chesapeake Bay is flat and sandy. Sand grass and low bushes grow close to the high water mark. In the background between Cape Henry and Lynnhaven Inlet are pine trees and farther back are sandhills and dunes.

The tracks of the Norfolk Southern Railroad across Lynnhaven Inlet on a wooden bridge. The two uprights at the draw in the bridge furnish a prominent landmark for Lynnhaven Roads. Bayville Chimney which is about 1.5 miles WSW of this drawbridge is the most prominent landmark in that locality.

*destroyed  
1940*

The same kind of shore line with bushes and trees in the background continues from Lynnhaven Inlet about 8 miles to the West. Fishermans huts and a few scattered cottages are the only buildings along the shore.

The Cottage Line of electric cars extends two miles eastward from Ocean View Hotel. Along both sides of the tracks are cottages. Close by Ocean View Hotel are several pavilions devoted to summer amusements. Ocean View is connected with Norfolk, Va., by two lines of street cars. To the west of Ocean View there is a line of cottages on either side of the cars tracks, which run to the end of Willoughby Spit. Near the end of the Spit the cottages are more scattered. There is a wharf at the end of Willoughby Spit where the Steamers from Old Point land to connect with the electric car line to Norfolk. This wharf is partly covered by a small yellow structure. Just to the eastward of this wharf is an anchorage for small boats off the Hampton Roads Yacht Club.

The eastern and southern shores of Willoughby Bay are higher than the northern shore; trees and grass grow close to the water's edge.

The land about Mason's Creek is swampy and covered with marsh grass. To the westward the Jamestown Exposition buildings are on higher ground. Several of these buildings have been torn down and several have been moved to other parts of the grounds since the Exposition.

To the west of the Exposition Grounds is the Pine Beach Hotel which has several cupolas. About a third of a mile S.W. of the Hotel is the landing for the Newport News Ferries. This wharf is connected to Ocean View as well as Norfolk, Va., by electric cars lines.

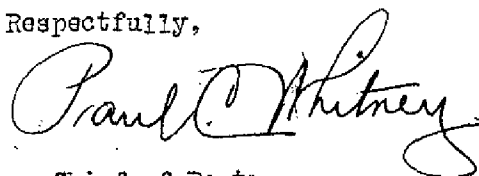
The Two old towers of the Jamestown Exposition, together with the Sewall's Point Coal Piers are very prominent landmarks for the vicinity of Sewall's Point. At night the coal piers are brilliantly illuminated.

During the summer months the amusement resort at Ocean View is illuminated at night and is very conspicuous from all directions to the northward.

This topography was executed by G. H. Durgin, Deck Officer excepting from Mason's Creek westward which was done by L. D. Graham, Aid.

Accompanying this report is a list of prominent objects and the descriptions of all the hydrographic signals located by the plane table.

Respectfully,

A handwritten signature in cursive script, reading "Paul C. Whitney". The signature is written in dark ink and is positioned above the typed name "Chief of Party".

Chief of Party.

PLANE TABLE POSITIONS  
TO ACCOMPANY TOPOGRAPHIC SHEET  
CAPE HENRY TO SEWELLS POINT  
VIRGINIA.

	Latitude	D.M.	Longitude	D.P.	Hydrographic Name.
✓ N.W. Cupola on Pine Beach Hotel	36 56	1637 <sub>-15</sub>	76 19	717 <sub>+2</sub>	Cup.
✓ Green House	36 57	60	76 19	342	Gre.
Cupola (coned-shaped)	36 57	120	76 19	96	Cone.
✓ Clock-Tower on Mass. B'l'g Jamestown Exposition	36 57	105	76 18	1166	C. T.
West Tower of arch Jamestown Exposition	36 57	519	76 18	982	Ex.
Old Life Saving Station <i>for my notebook</i> in Mason's Creek	36 56	1746	76 18	68	Lif.
✓ Lone Pine in Mason's Creek	36 56	1189	76 17	720	Lon.
Mast of boat aground in Mason's Creek, near bridge	36 56	859	76 17	187	Mas.
✓ Wind-mill on eastern shore of Mason's Creek	36 56	1423	76 17	150	Win.
Yellow house on point entrance to Mason's Creek	36 56	1537	76 17	330	Son.
✓ Tall tree on southern shore of Willoughby Bay	36 56	1772	76 16	1334	Tal.
S.W. corner of roof at Old Point Ferry slip at Willoughby Spit	36 57	1525	76 17	1339	Ke.
✓ New, conspicuous chimney in Hampton	37 01	0000	76 20	192	New.
Wind-mill on Willoughby Spit	36 58	150	76 16	1376	Bla.
East cone of roof of dark house on Willoughby Spit	36 57	1558	76 16	99	Dar.
Flag pole by Ocean View Hotel	36 57	472	76 14	1470	O.C.
Tall umbrella tree near east end of Cottage Line of Street Cars	36 56	422	76 13	504	Tre.
✓ Wind-mill about .4 mile N.W. of Cape Henry L.H.	36 55	1547	76 00	1273	Win.
N.W. corner of Cape Henry Pavilion.	36 55	1359	76 00	810	Pav.

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. 3647

State Virginia . . . . .

General locality South Coast of Chesapeake Bay . . . . .

Locality Cape Henry to Sewall Point . . . . .

Chief of party . . Paul C. Whitney, Chief of Party . .

Surveyed by G. H. Durgin, Deck Office and L. D. Graham, Aid

Date of survey July to November, 1916 . . . . .

Scale 1/30,000 . . . . .

Heights in feet above . . . . .

Contour interval none . feet.

Inked by L.D.Graham . . Lettered by L.D.G. et al . . . . .

Records accompanying sheet (check those forwarded): ~~Photographs,~~

List of Plane table positions and  
Descriptive report, ~~Photographs, and~~ descriptions of stations, (form 524)

Data from other sources affecting sheet . . . . .

Remarks: