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C. & G. SURVEY;
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Acc. No.

Department of Commerce and Labor
COAST AND GEODETIC SURVEY

Superintendent.

State: *Virginia*

DESCRIPTIVE REPORT.

Top c Sheet No. *685^a*

LOCALITY:

*York River - Yorktown to
Clay Bank*

1901

CHIEF OF PARTY:

O. N. Ferguson

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DEPARTMENT OF COMMERCE AND LABOR.

COAST AND GEODETIC SURVEY.

O. H. TITTMANN, Superintendent.

Resurvey of the Chesapeake Bay, Virginia.

Revision of the York River.

Descriptive Report.

For Topographic Sheet A, being Original Sheet 685.

between

Latitude $37^{\circ} 14' 00''$ to $37^{\circ} 21' 00''$ N.

Longitude $76^{\circ} 30' 00''$ to $76^{\circ} 38' 00''$ W.

SCALE 1:20000.

From April 12th. to June 12th., 1911.

SCHOONER "MATCHLESS".

O. W. Ferguson, Assistant, C. & G. S., In Command.

OBSERVERS.

O. W. Ferguson, Assistant; Lewis S. Fuller, Aid;

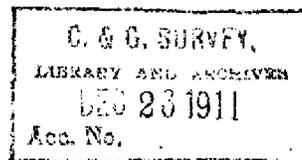
James E. Marsh, Mate.

CONTROL.

The control for this work is amply furnished by the triangulation which immediately preceded it.

The topography began at Yorktown where Assistant Bowie left off in 1906.

At Yorktown on the west side and Gloucester Point on the east the river extends in a NW x N. direction, nearly straight, and at this point there is a decided constriction in the river, it being barely a half mile wide, with good deep water landings near shore on both sides, above and



Topographic

Desc. Rept. Sheet A, O.S. 685, York River, Va. O.W.F.

below it maintains a width of from 1-1/2 to 2.4 miles.

Above these places and on both sides there is a shallow flat extending out from shore from 1/3 to 1/2 mile, and the shores, especially on the E. side, are very much serrated and deeply indented by creeks, bays and lagoons.

Page Rock Light House, on the low shallow protruding East shore is on this sheet and its exact position is Latitude 37° 18' 12.2m. and Longitude 76° 35' 30.5m.

HARBOR.

Though this river is two miles wide it is a practical harbor over its entire length.

WEATHER.

During April and May this is a windy river with much stiff easterly breezes.

SHORES.

The shores are generally low, composed of mud silt and sand, changing frequently from swampy shores with banks only one to five feet high, of sand, to bluff clay and silty banks from 10 to 40 feet high.

LANDINGS.

The landings on this sheet are Yorktown, Gloucester Point, Clements and Claybank, at all of which there are wharves constructed. At Clements wharf the pier is over 700 metres long, reaching from shore to wharf.

Yorktown was formerly a more important place than now; in fact it was nearly effaced a few years ago, but the American Cement Engineering Co. came to the rescue, bought up and took options on ten thousand acres of land; are to establish

Desc. Rept. Sheet A, O.S. 685, York River, Va. O.W.F.
great Cement Works and convert the Marl banks and clay banks
near West Point into cement. Also large Chrome and tanning
acid works are started here.

Gloucester Point also has a bank and post office and
telephone and is a larger shipping point than Yorktown.

Clements Wharf is nothing but a shipping point.

CREEKS.

The creeks that enter on this sheet are, Timber Neck, Kings,
Carter and Queens, The first three are quite flat and unimport-
ant. Queens Creek is a better creek furnishing about 3 feet
of water across the bar and is navigable for small boats, thence
5 miles to near Williamsburg the seat of the renowned William
and Mary College, and of the State Insane Asylum.

SURVEY METHODS.

The triangulation was first completed giving control for
the topography which furnished additional points for the
hydrography.

INHABITANTS.

The area is quite well occupied and by quite small farms.

OCCUPATION.

Farming, Oystering, Fishing and distributing are the
pursuits followed.

PRODUCTS.

Some wheat and corn, a few cattle, poultry and general
truck.

O. W. Ferguson.

Assistant, C. & G. Survey.

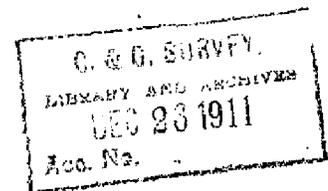
LIST OF OBJECTS LOCATED ON TOPOGRAPHIC SHEET No. 685,

YORK RIVER, VIRGINIA.

NAMES	LATITUDE D. M.			LONGITUDE D. P.		
Yorktown	37	14	638.9	76	30	869.3
York 'll	37	14	661.6	76	30	857.0
Stony Point 2	37	14	1665.7	76	31	1303.7
Mum	37	15	1559.6	76	30	1161.1
Sandy Point 2	37	16	142.1	76	33	125.9
Carmines 2	37	16	1744.6	76	32	158.3
Kings Creek 2	37	17	17.6	76	35	151.0
Green Point 2	37	17	1581.5	76	33	741.6
Waller 2	37	18	892.2	76	37	184.0
Rosewell 2	37	19	1194.9	76	35	622.6
Biglers 2	37	20	486.7	76	38	918.7
Clay Bank 2	37	21	283.3	76	36	1178.7
Page's Rock Light House SE. Corner of Bank at Gloucester Point	37	18	1211.2	76	35	308.5
Post Light at Gloucester Point	37	14	1631.0	76	30	205.0
Monument at Yorktown	37	14	1331.0	76	30	384.0
Court House Cupola at Yorktown	37	14	7.0	76	30	464.4
Outside Chimney above Stony Point (Chy. A)	37	14	284.0	76	30	803.0
Outer Cupola Red Roof Post Light at Clements Wharf	37	15	438.0	76	32	689.0
Watch Box # 1	37	17	1620.0	76	32	337.0
Watch Box # 2	37	16	1326.0	76	32	680.0
Watch Box # 3	37	16	666.0	76	33	1144.0
Chimney of House above Green Point (Chy. D)	37	18	1845.0	76	34	1362.0
Lower Wharf House at Clay Bank	37	18	932.0	76	36	1027.0
Wharf House (4)	37	18	1728.0	76	34	779.0
Watch House, New Highest Pile on Bechtold's New Whf.	37	20	1535.0	76	36	1100.0
	37	17	1824.0	76	36	1352.0
	37	19	573.0	76	38	0.0
	37	17	569.0	76	35	648.0

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TITLE SHEET.

For Topographic Sheet ^{685^a} ~~X~~, being Original Sheet 685.

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