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COAST AND GEODETIC SURVEY

Superintendent.

State *Virginia*

DESCRIPTIVE REPORT.

Sheet No.

LOCALITY:

*York River - Mt. Holly to
Westpoint and vicinity*

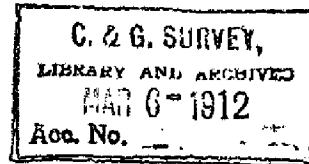
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CHIEF OF PARTY:

O. H. Ferguson

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DEPARTMENT OF COMMERCE AND LABOR.

COAST AND GEODETIC SURVEY.

O. H. TITTMANN, Superintendent.

Revision Survey of the York River, Virginia.

TITLE SHEET

For Topographic Sheet ~~722~~, 3243

being about the same as original sheet 722.

between

Latitude 37° 26' --" and 37° 33' 30" N.

Longitude 76° 43' --" and 76° 49' 30" W.

SCALE 1/20000.

From Oct. 1st to Dec. 1st, 1911.

SCHOONER "MATCHLESS".

O. W. Ferguson, Assistant C. & G. S., in command.

OBSERVERS.

O. W. Ferguson, Assistant; James E. Marsh, Mate;

Forrest F. Harbour and Frank S. Borden, Aids.

DEPARTMENT OF COMMERCE AND LABOR.

COAST AND GEODETIC SURVEY.

O. H. TITTMANN, Superintendent.

Revision Survey of the York River, Virginia.

- - - - -
DESCRIPTIVE REPORT.
- - - - -

For Topographic Sheet C,

covering approximately the same area as

Original Sheet No. 722.

between

Latitude $37^{\circ} 26' --''$ and $37^{\circ} 33' 30''$ N.Longitude $76^{\circ} 43' --''$ and $76^{\circ} 49' 30''$ W.

SCALE 1/20000.

From Oct. 1st to Dec. 1st, 1911.

SCHOONER "MATCHLESS".

O. W. Ferguson, Assistant C. & G. S., in command.

OBSERVERS.

O. W. Ferguson, Assistant; James E. Marsh, Mate;

Forrest F. Harbour and Frank S. Borden, Aids.

This sheet covers about the same portion of the York River as Original Topographic Sheet #722. It shows well the environs of the town of Westpoint, Va., the mouths of the Mattaponi and Pamunkey Rivers, the head of the York River and Bell Rock Light House four miles below. Over this stretch the York River, which begins at Westpoint, is 1 1/2 miles wide. The York River is formed by the union of the Mattaponi from the northeast and the Pamunkey from the northwest. Both are large streams, about 750 meters wide. The Pamunkey is, I think, about 12 1/2 % larger than the Mattaponi.

CONTROL.

The control of this work is first class, being furnished by the system of triangulation just preceeding. The many stations are permanently marked and well described, and they can doubtless be recovered at any time many years hence.

SHORES.

These shores are more than half marshy and muddy, the remainder is low sandy with land further back rising to from 2 to 20 feet.

SURFACE.

There are large areas of marsh with elevation very little above high water, furnishing every year a heavy growth of coarse grass. In time these marshes will be diked, drained by windmills and cultivated, and the land will be worth \$400 an acre and more will then be produced from these marshes than is now produced from this region.

The soil is generally a light loam with plenty of sand, with no gravel nor stone to hold it, so it washes into ravines and sloughs readily and gives the country a ridgy appearance, so that only a few acres lie in the body. The land is only fairly productive. There is yet a good deal of pine timber in this region, but a very large part of it has been cut off.

WATER.

Artesian water of an excellent quality is found about everywhere and in sufficient quantities.

OCCUPATION.

The area is all occupied by farms quite poorly cultivated. Much of the land is impoverished, and labor is not plentiful enough to make it pay to bring much new land under cultivation.

Oystering is engaged in quite extensively, and fishing to a limited extent.

TOWNS.

Westpoint, occupying the point of land between the Mattaponi and Pamunkey Rivers and fronting on both, situated at the head of the York River, is the only town on this sheet, and is of a considerable importance, having a population of 1600.

This is an old town and always to be great, but it fails to develop on any very large scale. It was in years past the shipping point of a very large amount of cotton; this has all left the place and the very large wharves on the Pamunkey have fallen away, many of the old piling remaining.

This is the terminus of a tri-weekly line of large steamers running to Baltimore. A very large quantity of tobacco in hogsheads is shipped, also quantities of products and supplies are shipped or received here. This is also the terminus of a branch of the Southern Railroad running to Richmond, and works in connection with the steamboat line.

Large quantities of land here and on the opposite shores are owned by land companies, which are trying to promote the growth of the town, and there are designs for a combination bridge across the Mattaponi River and railroad, to extend to Urbana on the Rappahannock.

I submit herewith a list of stations and objects in this sheet, giving their geographic positions.

O. W. Ferguson,

Assistant, C. & G. Survey.

GEOGRAPHIC POSITIONS

To accompayn Topographic Sheet C.

	°	'	m	°	'	m
RICHARDSON 2 \triangle	37	25	990.5	76	43	613.0
HOLT 2 \triangle	37	26	19.4	76	41	1406.9
MOUNT FOLLY 2 \triangle	37	26	327.6	76	44	401.8
Beacon # 6 \star	37	26	1163	76	43	171
ROANE 1/ 1911. \triangle	37	27	212.4	76	43	154.8
Chimney of old house below Ware <i>s. side</i>	37	27	291	76	45	218
WARE, 1911 \triangle	37	27	659.2	76	45	204.3
ROANE 2, 1911 \triangle	37	27	839.5	76	43	514.1
Center of barn above Ware creek	37	27	1525	76	45	907
Ruins of watch box, center of pilings	37	27	1755	76	45	457
Chimney of watch box -- "Box "	37	28	375	76	43	1393
Center of old house on beach -- "Old"	37	28	661	76	45	1044
Up river gable white shed on beach	37	28	1107	76	43	1291
Up river chimney red roofed house	37	28	1456	76	43	1370
TERRAPIN, 1911 \triangle	37	28	1672.7	76	45	1077.4
BELL ROCK LIGHT HOUSE \triangle	37	29	64.6	76	45	3.7
Center of old shed on beach -- "Shan"	37	29	489	76	46	524
Highest front pile old pier <i>RICHARDSONS</i>	37	29	617	76	46	47
ANDERSON 2 \triangle	37	29	707.8	76	44	736.2
FILLBATES 2 \triangle	37	29	798.2	76	46	1413.8
ROBINSON, 1911 \triangle	37	30	263.5	76	45	1267.9
Stove pipe watch box near Goff "Ho"	37	30	945	76	46	949
BRICK HOUSE 2 \triangle	37	30	1418.0	76	48	441.7
GOFF POINT 2 \triangle	37	30	1595.8	76	46	1210.0
Highest ch'y Plumpoint ferry house	37	31	516	76	48	531
Signal flag ^{Pole} at Plumpoint ferry	37	31	841	76	48	298
Center of Terminal club house <i>Pavilion</i>	37	31	1017	76	47	1005
Old windmill -- "Tow "	37	31	1193	76	47	843

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GEOGRAPHIC POSITIONS

To accompany Topographic Sheet C.

	°	'	m	°	'	m
S.E. corner Marshall's oyster house	37	31	1198	76	47	601
S.W. corner steanboat wharf house	37	31	1111	76	47	1424
Railroad water tank -- " Yel. "	37	31	1352	76	47	1446
Brooks' ferry flag <i>pole</i>	37	31	1427	76	47	12
S. W. chimney Brooks' house	37	31	1461	76	46	1215
Ice plant stack	37	31	1551	76	48	51
TANK, 1911 △	37	31	1599.3	76	47	1207.8
PAM, 1911 △	37	31	1678.3	76	48	929.2
BROOKS 2 △	37	31	1615.5	76	47	17.3
Stack Westpoint Panel Co.	37	32	42	76	47	886
Cenetr of small red roof house	37	32	650	76	47	832
CENTER, 1911 △	37	32	514.7	76	49	105.3
⊙ Pile, the highest	37	32	661	76	48	612
Stack of Denmead's sawmill	37	32	878	76	47	564
MAT, 1911 △	37	32	889.1	76	46	1187.4
GLASS 2 △	37	32	953.3	76	47	503.0
⊙ Mar	37	32	1121	76	48	1429
⊙ Low	37	32	1730	76	49	192
PONY, 1911 △	37	33	253.7	76	47	88.5
EAST, 1911 △	37	33	250.2	76	46	655.4
RAIL, 1911 △	37	33	393.6	76	49	308.6