Department of Commerce and Labor
COAST AND GEODETIC SURVEY

Superintendent.

State: Va

DESCRIPTIVE REPORT.

Locality:

East Line - Hare Island
Hog Island to Great Island

1900-11

Chief of Party:

Stephan Forney
(a) General appearance of the Coast Shore.

The general appearance of the shore from Fletcher (2) A station to Wreck Island is low, backed by sand dunes from ten to thirty feet high, with pine and cedar trees on the southern end of Hog Island. A village containing some four hundred inhabitants, church, school, two stores, post office and new light house is located here. The life saving station is located on the extreme southern end of the island. Pig Island is a low sandy island which has made up since the survey of 1871. Wreck and Bone Islands have gone together since the survey of 1871 and are now one island.

(b) Change of Coast Shore Line Between Northern End Hog Island and Wreck Island since Survey of 1871.

Off Fletcher (2) Station, shore line has eroded - 50 m.
Off old Light House Tower has eroded - 650 m.
South End of Hog Island has made out - 300 m.
South End of Rogue Island has made out - 100 m.
Rogue Island, abreast of Rogue (2) A has made out - 100 m.
North End of Rogue Island coincides.
Pig Island has made up since Survey of 1871.
North End Cobb’s Island is now made into a separate island.
North End Cobb’s Island has eroded - 300 m.
(e)  
Half way down Cobb's Island has eroded — — — — — — — 350 m.
South End Cobb's Island has eroded — — — — — — — — — — — — 450 m.
Changes around inside Cobb's Island are insignificant.
North End Bono Island has eroded — — — — — — — — — — — 200 m.
At a point half way down Bono Island has made out — — 100 m.
Half way down Wreck Island has eroded — — — — — — — — — — — 450 m.

(v) Survey Methods.

The projection and A points were carefully traced from original topographic
sheet surveyed in 1871, and transferred to this sheet. As the triangulation pro-
gressed the new points were plotted on this sheet. The new shore line was
run by plane table traverses, starting from A points along the coast and
checking on interesting A signals. The new shore line was extended inside
the inlets until it joined with the old survey of 1871. Bog and Cobb's Is-
lands were surveyed in November and December 1910. Bono and Wreck Islands
in February 1911.

[Signature]

Chief of Park.
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<th>AZIMUTH</th>
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<th>TO STATIONS</th>
<th>DISTANCE</th>
<th>LOGARITHMS</th>
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<td>STATIONS</td>
<td>LATITUDE</td>
<td>Seconds in Meters</td>
<td>LONGITUDE</td>
<td>Seconds in Meters</td>
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<td>East Gable Watch House</td>
<td>37.16</td>
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<td>854</td>
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<td>East Gable Club House</td>
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<td>Base on Pole (Cob's. 94)</td>
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<td>Abandoned Benzin</td>
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<td>Cupola Hog. O. W. S.</td>
<td>37.22</td>
<td>1094</td>
<td>75° 42'</td>
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# POSITIONS

State Scaled from Topographic Sheet Wreck Island

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DEPARTMENT OF COMMERCE AND LABOR
COAST AND GEODETIC SURVEY
O. H. Tittaann, Superintendent.

Topographic Re-survey
Of Shore Line
Eastern Shore of the Virginia Peninsula

from
Wreck Island Northward to
Fletcher A Station on Hog Island.

Scale 1/20,000
1910-II.
Surveyed by the party of
Assistant, C. & G. Survey.

Notes.
The shore line shown in red shows the original work
and that in black the work of 1910-II.

Officers attached to the party.
George D. Cowie, Aid, Sept. 15, 1910 to Nov. 25, 1910.
Dwight M. Kyle, Aid, Nov. 23, 1910 to March 31, 1911.
F. F. Harbour, Aid, March 31, 1911 to June 30, 1911.
DEPARTMENT OF COMMERCE AND LABOR

COAST AND GEODETIC SURVEY

O. H. Tittmann, Superintendent.

Topographic Re-survey

Of Shore Line

Eastern Shore of the Virginia Peninsula

from

Wreck Island Northward to

Fletcher A Station on Hog Island.

Scale 1/30,000

1910-II.

Surveyed by the party of

Assistant, C. & G. Survey.

Note.

The shore line shown in red shows the original work

and that in black the work of 1910-II.

Officers attached to the party:

George D. Gavis, Aid, Sept. 15, 1910 to Nov. 25, 1910.

Dwight M. Kyle, Aid, Nov. 22, 1910 to March 31, 1911.

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