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C. & G. SURVEY,
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Department of Commerce and Labor
COAST AND GEODETIC SURVEY

Superintendent.

State: *Va*

DESCRIPTIVE REPORT.

Von Sheet No. *3223*

LOCALITY:
Eastern shore - Va peninsula
Hog Island to Hreck Island

1900-11

CHIEF OF PARTY:
Stehman Forney

3223

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DEPARTMENT OF COMMERCE AND LABOR
 COAST AND GEODETIC SURVEY
 Descriptive Report, Topographic Sheet,

C. & G. SURVEY,
 DEPARTMENT OF COMMERCE AND LABOR
 L 24 1911
 NO.

32223

from

Wreck Island to Fletcher Δ Station
 Eastern Shore of Virginia Peninsula

1910-II.

Scale 1/20,000

(a) General appearance of the Coast Shore.

The general appearance of the shore from Fletcher (2) Δ 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.

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

Off Fletcher Δ (2) Station, shore line has eroded - - - -	150 m.
Off old Light House Tower has eroded - - - - -	650 m.
South End of Hog Island has made out - - - - -	300 m.
South End of Regue Island has made out - - - - -	100 m.
Regue Island, abreast of Regue (2) Δ has made out - - - -	100 m.
North End of Regue 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 Bone Island has eroded - - - - -	200 m.
At a point half way down Bone Island has made out - - -	100 m.
Half way down Wreck Island has eroded - - - - -	450 m.

(w) Survey Methods.

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

Stetman Honey
Ant. C. G. Survey
Chief of Party

GEOGRAPHIC

Locality *Eastern Shore Virginia Peninsula*

Datum.

11-576

STATIONS.	LATITUDE.	Seconds in Meters.	LONGITUDE.	Seconds in Meters.
East Gable Wreck House	37 16	338	75 47	854
East Gable Club House	37 17	833	75 47	963
Barn on Pole (Cobb's Id)	37 18	825	75 46	1156
Watch House (Cobb's Id)	37 18	88	75 46	278
Abandoned Beacon (" ")	37 21	1199	75 43	927
Cupola Hog Id L.S.S.	37 22	1094	75 42	981

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DEPARTMENT OF COMMERCE AND LABOR

COAST AND GEODETIC SURVEY

Top 3223

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 1/20,000

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. 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.

Map 3223
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 1/20,000

1910-II.

Surveyed by the party of

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Notes.

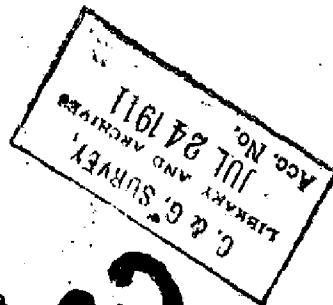
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