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Department of Commerce and Labor
COAST AND GEODETIC SURVEY

Superintendent.

State: *Mass.*

DESCRIPTIVE REPORT.

Hyd & Sheet No. *3254*

LOCALITY:

Nantucket Entrance

1900

CHIEF OF PARTY:

W. C. Holykina

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COAST AND
GEODETIC SURVEY

APR 20 1911

RECEIVED BY

Assistant in Charge.

DEPARTMENT OF COMMERCE AND LABOR.

COAST AND GEODETIC SURVEY.

O. H. TITMANN, SUPERINTENDENT.

Hydrographic Survey of Entrance to
NANTUCKET HARBOR, MASSACHUSETTS.

Coast and Geodetic Survey Steamer BACHE.

W. G. HODGKINS, Chief of Party.

Begun August 11, 1910.

Ended October 3, 1910.

Scale 1:10000.

Positions plotted by George D. Cowie.

Secondary " " *H. L. Simmons*
Verified " " *R. L. Johnston*

DESCRIPTIVE REPORT

to accompany Hydrographic Sheet No. 3254

Scale 1:10000.

NANTUCKET ENTRANCE, MASSACHUSETTS.

Surveyed in 1910.

by the party on the Steamer BACHE, commanded by

Assistant W. C. Hodgkins.

This resurvey was made at odd times during the season, only such days being used for this purpose as were unsuitable for the outside work on Nantucket Shoals, which formed the regular duty of the ship for that season.

Nantucket is no longer a port of commercial importance, but it is a popular summer resort and during the season is visited by a good many yachts. There is a steamboat line from New Bedford and the boats touch also at Woods' Hole and at Martha's Vineyard.

There is telegraphic communication by the cable of the Martha's Vineyard Telegraph Company, connecting with the Western Union lines at Woods' Hole.

While sounding was in progress, the tide was observed at a gauge established on a wharf on the north side of Brant Point, until near the end of the work, when that wharf was torn down for the winter. A new gauge was then established on a wharf on the harbor side of Brant Point and that gauge was used during the last day's work.

A good deal of difficulty was experienced in identifying and reconciling the old tidal bench marks and considerable leveling was done in connecting such old marks as could be found and in establishing new ones.

Respectfully submitted,

W. C. Hodgkins

Assistant Coast and Geodetic Survey,
Commanding BACHE.

April 15, 1911.

To the Superintendent,

Coast and Geodetic Survey,

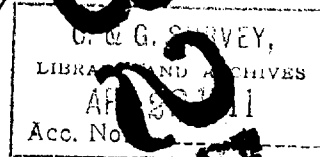
Washington, D. C.

COAST AND GEODETIC SURVEY

APR 20 1911

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Assistant in Charge.



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Statistics for Hydrographic Sheet No. .

Scale 1:10000

Entrance to Nantucket Harbor, Mass.

Date 1910.	Letter	Volume	Positions	Angles	Soundings	Miles.	Boat.
Aug. 15	a (blue)	1	45	90	437	4.0	Launch
" 15	b	1	108	216	711	9.0	"
" 16	c	1	45	86	315	3.0	"
Sept. 19	d	1	20	40	117	1.5	"
Oct. 3	e	2	140	306	697	11.0	"
TOTAL	5	2	356	758	2277	28.5	"

VEC
May 11, 1911.

HYDROGRAPHIC SHEET 3254.

Entrance to Nantucket Harbor, Mass., by
Asst. W. C. Hodgkins in 1910.

TIDES.

	Brant Point	
	Staff No.1 ft.	Staff No.2 ft.
Mean low water, or plane of reference on staff	1.5	3.1
Lowest tide observed " "	-0.3	1.3
Highest " " " "	5.7	7.3
Mean range of tide	3.1	3.1

Coast and Geodetic Survey
MAY 11 1911
TIDAL DIVISION

Hyd Sheet No 3254

Aug. 11, 1911.

The ground within the limits of this work is well covered.

Smoking records were kept in a satisfactory manner

H. R. Simons

Verified;

Sept. 6th, 1911.

R. L. Johnston