

3396

C. & G. SURVEY,
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3397

Department of Commerce and Labor
COAST AND GEODETIC SURVEY

Superintendent.

State: _____

DESCRIPTIVE REPORT.

Life Sheet No. *3396*
5577

LOCALITY:

191

CHIEF OF PARTY:

3397

3396

3396, + 3397

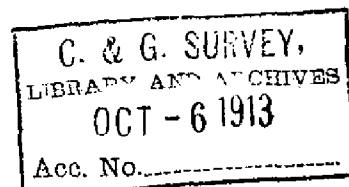
Descriptive Report for Topographic Sheet H & I,

Eastern Branch Elizabeth River, Va.

DEPARTMENT OF COMMERCE

COAST AND GEODETIC SURVEY.

O.H.TITMANN, Superintendent.



Survey of the Eastern Branch of the Elizabeth River, Va.

TITLE SHEET

For Topographic Sheet H & I.

Extending from South Branch in front of Norfolk to head of Broad
Creek and the Eastern Branch.

between.

Latitude $46^{\circ} 49'$ and $46^{\circ} 52'$

Longitude $76^{\circ} 11' 30''$ to $76^{\circ} 17' 45''$

SCALE 1/5000.

From April 26 th, 1913 to September 20 th, 1913.

" " "
Schooner Matchless

O. W. Ferguson, Assistant; C.&G.S., in Command.

OBSERVERS.

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

Sheet NO.1

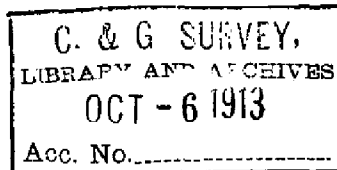
Descriptive Report for Topographic Sheets H and I

Eastern Branch of the Elizabeth River, va.

DEPARTMENT OF COMMERCE

COAST AND GEODETIC SURVEY

O. H. TITTMANN - SUPERINTENDENT.



SURVEY OF THE EASTERN BRANCH OF THE ELIZABETH RIVER, VA.

DESCRIPTIVE REPORT

FOR TOPOGRAPHIC SHEETS H and I

EXTENDING FROM SOUTHERN BRANCH IN FRONT OF NORFOLK TO THE HEAD

OF BROAD CREEK AND EASTERN BRANCH

BETWEEN

LATITUDE 46 47' 00" and 46 52' 00"

Longitude 76 11' 30" " 76 17' 45"

SCALE - 1 ; 5,000

From April 26th, 1913 to September 20th, 1913.

SCHOONER "MATCHLESS"

O.W. FERGUSON, ASSISTANT- C.& G.SURVEY, IN COMMAND

OBSERVERS

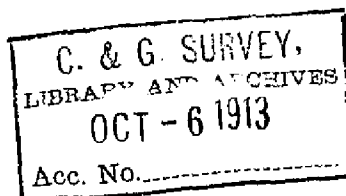
O.W. FERGUSON - ASSISTANT, JAMES E. MARSH- MATE,

DOUGLAS KARR - AID.

These sheets cover the west and south fronts of Norfolk and extend to the headwaters of the Eastern Branch and of Broad Creek. Above the city all the land that is not marshy is either occupied or staked off in city or suburban lots.

Descriptive Report for Topographic Sheets H and I

Eastern Branch , Elizabeth River, Va.



The city is growing and proportionately so is the number of docks and the area of developed water front. As the years go by more and more of the river will be dredged to a practicable depth to accomodate a great commerce.

CONTROL

This river, encircling such a growing city the control was made ^{new} excellent by a system of triangulation extending as far as practicable, i.e., as far as present navigation extends. The large scale made this more feasible than a small scale.

SHORES

The shores are generally sloping and sandy with clay banks showing, where the ground rises to several feet of elevation. Half of the shore line is fringed with marshy ground, but this is not usually a wide belt.

SURFACE

All of this region is made up of relatively low and flat land rising to an elevation of ten feet frequently, but rarely to twenty feet. It is variegated with swamps, woods, brush and cleared fields with many relatively high points that offer good building sites.

WATER

The water of this river is quite salty, as the mouth is wide and there is a good tide. Moreover the drainage is not sufficient to be controlling. The water supply for this region is not especially good. The city water is also somewhat inferior but is claimed not to be un-
healthful

Descriptive Report for Topographic Sheets H and I

Eastern Branch, Elizabeth River, Va.

OCCUPATION

This territory partly occupied by wharves, shipyards and various other plants, while much of it is residential property for the people of Norfolk. General farming, trucking and some fishing and oyster culture occupies quite a number of people. Railroading is one of the principle occupations of the people. Norfolk is preeminentⁿ in coaling facilities, her railroads reaching probably the greatest supply of coal. There are the very best facilities for coaling ships of all sizes.

Norfolk and Berkley and their suburbs - Chesterfield, Elizabeth Park etc. are the towns of this region.

A large list of geographic positions accompany each sheet.

O. W. Ferguson.

Assistant - Coast and Geodetic Survey

SURVEY OF THE EASTERN BRANCH OF THE ELIZABETH RIVER - VA.

LIST OF GEOGRAPHIC POSITIONS
TO ACCOMPANY TOPOGRAPHIC SHEET

H

H

Station or Object	Latitude	Longitude
Navy Yard Wireless Tower	36 49 1020m	76 17 1061
S.A.L. No. 11 (U.S.E.) Δ	36 50 777	76 17 1151
Cannon (U.S.E.) Δ	36 50 707	76 17 615
Feuerstein's Stack $\odot$	36 50 1134	76 17 589
Berkley Δ	36 49 1517	76 16 1234
Norfolk Cathedral - point of spire. Δ	36 50 1538	76 16 1444
Harby Δ	36 50 577	76 16 1252
Haray Δ	36 50 ⁵⁸⁰ 542	76 16 ¹²⁸⁹ 1252
Norfolk & Western Grain Elev'r.-S.Gab. $\odot$	36 50 859	76 16 986
Norfolk & Western drawbridge- Sly end $\odot$	36 50 650	76 16 751
Colonna $\odot$	36 50 437	76 16 726
South Chimney - Power House. $\odot$	36 50 866	76 16 675
Power Δ	36 50 906	76 16 650
Belfry - Point of Spire. $\odot$		
Semaphore $\odot$	36 50 775	76 15 1392
Oscar 2 Δ	36 50 432	76 15 1294
Ohio Δ	36 50 1097	76 15 1160
Sharp - W'ly cupola spire on house of $\odot$ <i>Oscar Smith</i>	36 50 368	76 15 1189
Dolphin $\odot$	36 50 649	76 15 1046
Pavilion - cupola $\odot$	36 50 903	76 15 916
Campostella Δ	36 50 350	76 15 612
Haynes Δ	36 50 869	76 15 478
Shed - South Gable $\odot$	36 50 858	76 15 378

SURVEY OF THE EASTERN BRANCH OF THE ELIZABETH RIVER - VA.

LIST OF GEOGRAPHIC POSITIONS

TO ACCOMPANY TOPOGRAPHIC SHEET H

Station or Object	Latitude	Longitude
Center of House o	36 50 167m	76 15 297m
Isle Δ	36 50 770	76 15 190
Pinnel-in center of roof of Barn o	36 50 205	76 14 1481
Newton. Δ	36 50 304	76 14 1448
Cedar Δ	36 50 550	76 14 922
Indian Δ	36 50 153	76 14 900
Stack - (tallest of the several o	36 50 752	76 14 821
Mear Δ	36 50 285	76 14 269
House - Center of South Gable o	36 50 744	76 14 250
Barton Δ	36 50 720	76 14 247
Shed o	36 50 750	76 14 ³ 1364
Mound Δ	36 50 350	76 14 ³ 1317
Creek Δ	36 50 330	76 14 ³ 1146
Chimney o	36 50 954	76 14 ³ 1087
Bungalow - South gable o	36 50 1464	76 14 ³ 968
Stub Δ	36 50 382	76 14 ³ 895
Watch Box - center of cupola o	36 50 922	76 14 ³ 781
Broad Δ	36 50 727	76 14 ³ 757
Windmill o		
Johnson Δ	36 50 271	76 14 ³ 565
C.S. (Channel Stake) o	36 50 344	76 14 ³ 512
Park. Δ	36 50 464	76 14 ³ 325

SURVEY OF THE EASTERN BRANCH OF THE ELIZABETH RIVER-VA

LIST OF GEOGRAPHIC POSITIONS

TO ACCOMPANY TOPOGRAPHIC SHEET

I

Station or Object	Latitude	Longitude
Creek Δ	36 50 330m	76 14 ³ 1146m
Chimney $\odot$	36 50 954	76 14 ³ 1087
Bungalow - South gable of $\odot$	36 50 1464	76 14 ³ 968
Stub Δ	36 50 382	76 14 ³ 895
Watch Box - center of cupola of $\odot$	36 50 922	76 14 ³ 781
Broad Δ	36 50 727	76 14 ³ 757
Windmill $\odot$		
Johnson Δ	36 50 271	76 14 ³ 565
C.S. (Channel Stake) $\odot$	36 50 344	76 14 ³ 512
Park Δ	36 50 464	76 14 ³ 325
Chimney $\odot$	36 49 1745	76 14 ³ 348
Dow Δ	36 49 1526	76 14 ³ 1430
Big Chimney $\odot$	36 49 1459	76 12 1389
C.S. (Channel Stake) $\odot$	36 49 1667	76 12 1382
Sargent Δ	36 49 1802	76 12 1368
Pine tree $\odot$	36 49 1542	76 12 1123
Mill - South gable of $\odot$	36 49 1831	76 12 1073
Murry Δ	36 49 1629	76 12 1341
Lime Δ	36 49 1847	76 12 800
New Shed - West gable of $\odot$	36 49 1700	76 12 338
White Chimney $\odot$	36 49 1367	76 11 1394