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DEPARTMENT OF COMMERCE

U. S. COAST AND GEODETIC SURVEY

R. S. Patton, Director

State: Massachusetts

DESCRIPTIVE REPORT

Topographic

~~Hydrographic~~

Sheet No. "E"

6120

LOCALITY

Buzzards Bay
Westport River

East and West Branches

193 4

CHIEF OF PARTY

Wm. D. Patterson, Lieut.,
U. S. Coast & Geodetic Survey.

U. S. GOVERNMENT PRINTING OFFICE: 1928

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DEPARTMENT OF COMMERCE
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TOPOGRAPHIC TITLE SHEET

The Topographic Sheet should be accompanied by this form, filled in as completely as possible, when the sheet is forwarded to the Office.

Field No. "E" 6120 Graphic Control

REGISTER NO.

State Massachusetts

General locality Buzzards Bay

Locality Westport River, (East & West Branches)

Scale 1:10,000 Date of survey September, 19 34

~~Vessel~~ Field Party No. 5

Chief of party Lieut. Wm. D. Patterson, U.S.C. & G.S.

Surveyed by Victor A. Bishop, Surveyor, U.S.C. & G.S.

Inked by Charles R. Smith

Heights in feet above _____ to ground to tops of trees

Contour, Approximate contour, Form line interval _____ feet

Instructions dated May 14, 1934; Supplemental
Instructions dated July 11, 19 34

Remarks: _____

DESCRIPTIVE REPORT TO ACCOMPANY
TOPOGRAPHIC SHEET "E" (Field Letter)

WESTPORT RIVER (EAST AND WEST BRANCHES)

Project HT-179, Lieut. Wm. D. Patterson, Chief of Party.

DATE OF INSTRUCTIONS

Director's Instructions dated May 14, 1934 and Supplemental Instructions dated July 11, 1934.

LIMIT AND EXTENT OF SHEET

East Branch of the Westport River from northern limit of Sheet "D" (Field Letter), approximately Latitude $41^{\circ} 32'$, to head of tide water at Head of Westport, Mass.

West Branch of Westport River from northern limit of Sheet "D" (Field Letter), approximately Latitude $41^{\circ} 32'$, to head of tide water near Adamsville, Rhode Island.

GENERAL DESCRIPTION OF SHORE

The shores of the West Branch of the river are irregular and of hard soil, except for the section of the eastern shore from a point about $\frac{3}{4}$ of a mile southeast of OWEN 1934 southeasterly to the junction with Sheet "D" (Field Letter) which is less irregular and gravelly.

The shores of the East Branch from the southern limit of the sheet to Hix Bridge are more regular than those of the West Branch and are of hard soil, rising sharply from the water in most places. The remainder of the shore from Hix Bridge northward is very irregular and swampy.

All islands in the West Branch are low and swampy. Most of these are covered with heavy marsh grass.

The larger islands in the East Branch are high and generally wooded but the smaller ones are low and swampy.

LANDMARKS

A list of landmarks is submitted under separate cover as a special report.

CHARACTER OF CONTROL

All triangulation stations on this sheet were established this year and computed on the North American 1927 datum. Numerous topographic stations were located by planetable triangulation for hydrographic control. Sufficient permanent topographic stations were established so that there is a permanent topographic station or a triangulation station every mile along the shore. The last mile of the East Branch of the river as delineated on the upper left side of the sheet was run in by traverse and check made on topographic station "Kit" (Congregational Church Steeple at Head of Westport). The sides of the river in the area surveyed by traverse are so heavily wooded that no checks could be made elsewhere.

BRIDGES

There are two bridges within the limits of this sheet. Hix Bridge is low and is of the old plank bridge type. There are four intermediate stone piers making five openings. The central channel opening has a lateral clearance of 17 feet and a vertical clearance at mean low water of $4\frac{1}{2}$ feet. Water has been known to completely cover this structure. The other four openings are also navigable at low water.

*For correct clearances
see Review H-5629
and letter of May 1, 1935
attached thereto
H. B. Bishop*

The other bridge at Head of Westport is of concrete with two small arch openings which are just large enough for a small row boat to pass. Horizontal clearance in both openings is 8 feet and vertical clearance $4\frac{1}{2}$ feet.

Respectfully submitted,

V. A. Bishop

V. A. Bishop, Surveyor.

Approved:

Wm. D. Patterson

Wm. D. Patterson, Lieut.,
Chief of Field Party No. 5.

Statistics:

Area in Sq. Statute Mi. - 16.0

Length of Shoreline in Statute Mi. - 400

*No report on Geographic Names.
H. B.*

To: Mr. Bacon
From L. S. S.

Survey No. T 6120

GEOGRAPHIC NAMES

Chart No. 1210-2

Date. Dec 4, 1934

. MASSACHUSETTS

Diagram No. 1210-2

*Names underlined in red approved Dec 8, 1934
H. Bacon!*

* Approved by the Division of Geographic Names, Department of Interior.

¢, Not Approved by the Division of Geographic Names, Department of Interior.

R, Referred to the Division of Geographic Names, Department of Interior.

No report on Geog. Names

Q Under investigation

Status	Name on Survey	Name on Chart	New Names in local use	Names assigned by Field	Location
	<u>Westport River West Branch</u> ✓	Same			
	<u>Westport River East Branch</u> ✓	"			
	<u>Cadman's Neck</u> Q ✓	-----			41°33.8 71°04.1
	<u>Head of Westport</u> ✓	On U.S.G.S. Fall River, Quad., Mass & RI			
	<u>Great Island</u> ✓	" " " " " " " " " "			
	<i>Add</i>				
	<u>Toms Point</u> ✓	GN2(1937) <i>4/6/37</i>		<i>Also Add</i>	
	<u>Hicks Cove</u> ✓	" "		<u>Kirby Brook</u> ✓	
	<u>Sanford Flat</u> ✓	" "		<u>Widows Pt</u> ✓	
	<u>Judy Island</u> ✓	" "		<u>The Narrows</u> ✓	
	<u>Angeline Cove</u> ✓	" "		<u>Everett Cove</u> ✓	
	<u>Hodgeman Rock</u> ✓	" "		<u>Big Pine Island</u> ✓	
	<u>Gunning Island</u> ✓	" "		<u>Little Pine Island</u> ✓	
	<u>Gull Rock</u> ✓	" "		<u>Lower Spectacle I</u> ✓	
	<u>Lakes I</u> ✓	" "		<u>upper Spectacle I</u> ✓	
	<u>Doctors Pt.</u> ✓	" "		<u>Cadman Cove</u> ✓	
	<u>Huddleston Pt.</u> ✓	" "			
	<u>Snell Cr</u> ✓	" "			
	<u>Jessies Neck</u> ✓	" "			
	<u>Allen Cr.</u> ✓	" "			
	<u>Coleman Hill Cr.</u> ✓	" "			
	<u>Cornell Pt</u> ✓	" "			
	<u>Peleg Pt</u> ✓	" "			

Section of Field Records

REVIEW OF TOPOGRAPHIC SURVEY NO. 6120 (1934)

Westport River, Buzzards Bay, Massachusetts.

Surveyed September 1934

Instructions dated: May 14, 1934 and July 11, 1934 (W. D. Patterson)

Plane Table Survey - Aluminum Mounted

Chief of Party - W. D. Patterson.

Surveyed by - V. A. Bishop.

1. Condition of Records.

The records conform to the requirements of the Topographic Manual with the following exceptions:

a. Elevations of bare rocks are shown in slanting black figures. The Manual requires vertical red figures.

b. No report on Geographic names was submitted.

2. Compliance with Instructions for the Project.

The survey complies with the instructions for the project.

3. Junction with Contemporary Surveys.

The junction with T-6119 (1934) is satisfactory except that signal "AGE" in lat. $41^{\circ}31.7'$, long. $71^{\circ}02.85'$ which is common to both sheets does not check by about 10 meters.

4. Comparison with Prior Surveys.

There are no prior surveys in the area covered by the present survey, T-183 bis (1844) and T-2217 (1895) but slightly overlap this survey and they will be considered in the adjoining contemporary surveys.

5. Field Drafting.

The field inking of the survey is satisfactory.

6. Additional Field Work Recommended.

The survey is complete insofar as the shoreline is concerned and no additional work is necessary.

7. Superseding Old Surveys.

There are no prior surveys to be superseded.

8. Reviewed by - A. F. Jankowski, December 1934.

Inspected by - A. L. Shalowitz.

Examined and approved:

C. K. Green, *C. K. Green*
Chief, Section of Field Records.

L. O. Lobnitz
Chief, Division of Charts.

T. S. Borden
Chief, Section of Field Work

G. Wade
Chief, Division of H & T.

Applied to drawing of Chart 237 - June 12, 1935 - J.F.W.

*See Review T-5600³ T-5602 for discussion of discrepancies with this
survey. July 28, 1936 F.G.E.*