

# 11429

Diag. Cht. No. 1210-2.

Form 504

U. S. DEPARTMENT OF COMMERCE  
COAST AND GEODETIC SURVEY

## DESCRIPTIVE REPORT

Type of Survey Photogrammetric Shoreline

Field No. Ph-1142 Office No. T-11429

### LOCALITY

State Massachusetts

General locality Westport River

Locality Cadman Neck to Head of West-  
port

1956

### CHIEF OF PARTY

I.R. Rubottom, Chief of Party  
W.F. Deane, Balto. District Officer

### LIBRARY & ARCHIVES

DATE November 17, 1961

USCOMM-DC 5087

# 11429

DESCRIPTIVE REPORT - DATA RECORD

T-11429

Ph-142

Project No. (II): *Ph-142*

Quadrangle Name (IV):

Field Office (II): **East Providence, R.I.**

Chief of Party: **I. R. Rubottom**

Photogrammetric Office (III): **Baltimore, Md.**

Officer-in-Charge: **W. F. Deane**

Instructions dated (II) (III):

Copy filed in Division of  
Photogrammetry (IV)

**Instructions - Project Ph-142 (Field), 8 June 1954**

" - " " " , Supp. 1, 15 July 1954

" - " " " " , " 2, 6 Aug. 1954

" - " " " " " 3, 18 Aug. 1954

Office, 15 Sept. 1955

Method of Compilation (III): **Kelsh Plotter**

Manuscript Scale (III): **1:10,000**

Stereoscopic Plotting Instrument Scale (III): **1:6,000**  
(Pantograph ratio 3/5)

Scale Factor (III): **1.000**

Date received in Washington Office (IV):

**14 SEP 1959**

Date reported to Nautical Chart Branch (IV):

Applied to Chart No.

Date:

Date registered (IV):

**28 Aug 1960**

Publication Scale (IV):

Publication date (IV):

Geographic Datum (III): **N.A. 1927**

Vertical Datum (III): **MHW**

~~Mean Sea Level (MSL) at 1955~~

Elevations shown as (25) refer to mean high water  
Elevations shown as (5) refer to sounding datum  
i.e., mean low water or mean lower low water

Reference Station (III): **FORTE, 1934**

Lat.: **41° 36' 38.771" (1196.1 m)** Long.: **71° 04' 26.318" (609.4 m)**

Adjusted

~~XXXXXXXXXX~~

Plane Coordinates (IV):

State:

Zone:

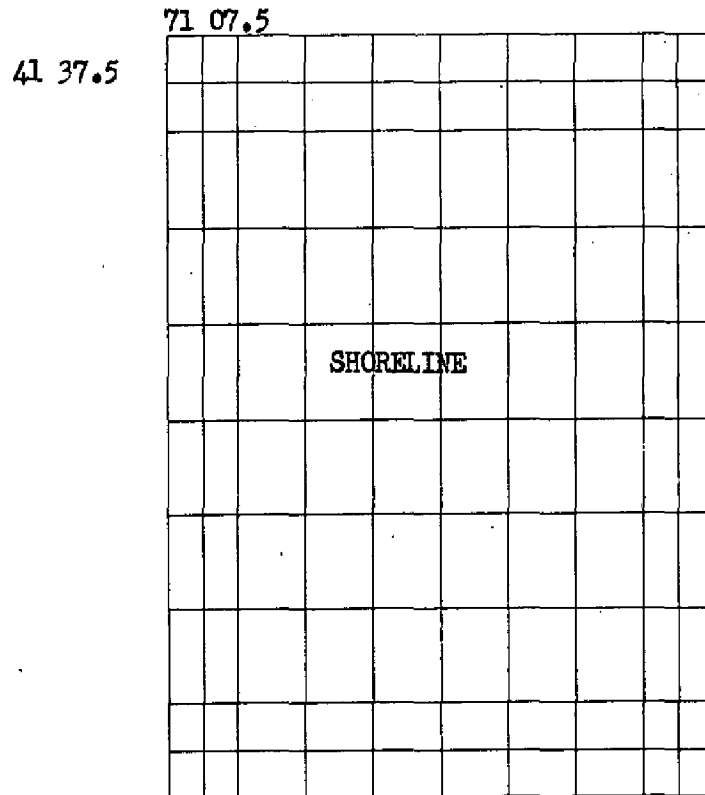
Y=

X=

Roman numerals indicate whether the item is to be entered by (II) Field Party, (III) Photogrammetric Office,  
or (IV) Washington Office.

When entering names of personnel on this record give the surname and initials, not initials only.

DESCRIPTIVE REPORT - DATA RECORD



Areas contoured by various personnel  
(Show name within area)  
(II) (III)

DESCRIPTIVE REPORT - DATA RECORD

Field Inspection by (II): M. C. Moody

Date: August 1956

Planetable contouring by (II):

Date:

Completion Surveys by (II):

Date:

Mean High Water Location (III) (State date and method of location):  
supplemented by field inspection.

1956, date of photography

Projection and Grids ruled by (IV): Austin Riley

Date: 10/1/54

Projection and Grids checked by (IV): A. Riley

Date: 10/8/54

Control plotted by (III): M. Keller

Date: Jan. 1957

Control checked by (III): R. Hartley

Date: Jan. 1957

Radial Plot or Stereoscopic Control extension by (III):  
C. E. Cook

Date: 6/19/57

Stereoscopic Instrument compilation (III):  
Planimetry B. Kurs

Date: 9/25/57

~~Controls~~

Date:

Manuscript delineated by (III): R. E. Lindauer  
(scribing)

Date: 5/21/59

Photogrammetric Office Review by (III): J. W. Vonasek

Date: 10/22/58

Elevations on Manuscript checked by (II) (III): --

Date: --

# DESCRIPTIVE REPORT - DATA RECORD

U.S. DEPARTMENT OF COMMERCE  
COAST AND GEODETIC SURVEY

Camera (kind or source) (III): C&GS camera "W" - focal length 6"

| Number            | Date   | PHOTOGRAPHS (III) |  | Scale    | Stage of Tide  |
|-------------------|--------|-------------------|--|----------|----------------|
|                   |        | Time (EST)        |  |          |                |
| 56-W-368 thru 371 | 5/1/56 | 1127              |  | 1:30,000 | 1.3' above MLW |
| 56-W-385 thru 389 | "      | 1142              |  | "        | 1.4' " "       |

Tide (III)  
(from predicted tables)

Reference Station: Newport, R. I.  
Subordinate Station: Hix Bridge, East Branch  
Subordinate Station:

| Ratio of<br>Ranges | Mean<br>Range | Spring<br>Range |
|--------------------|---------------|-----------------|
|                    | 3.5           | 4.4             |
|                    | 2.7           | 3.4             |
|                    |               |                 |

Washington Office Review by (IV):

Date: Apr 1960

Final Drafting by (IV):

Date:

Drafting verified for reproduction by (IV):

Date:

Proof Edit by (IV):

Date: Aug 28 1960

Land Area (Sq. Statute Miles) (III): 27

Shoreline (More than 200 meters to opposite shore) (III): 7.3

Shoreline (Less than 200 meters to opposite shore) (III): 3.6

Control Leveling - Miles (II):

Number of Triangulation Stations searched for (II): 33

Recovered: 27

Identified: 15

Number of BMs searched for (II): 3

Recovered: 3

Identified: 1

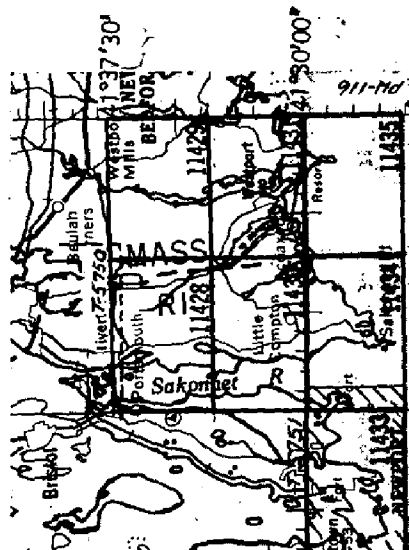
Number of Recoverable Photo Stations established (III): None

Number of Temporary Photo Hydro Stations established (III): None

Remarks:

Massachusetts Geodetic Survey traverse stations are included in triangulation stations searched for, recovered and identified as follows:

20 searched for  
16 recovered  
10 identified



| Station       | Distance   | Area       |
|---------------|------------|------------|
| 1447          | 28         | 22         |
| 1448          | 30         | 8          |
| 1449          | 20         | 4          |
| 1450          | 8          | 3          |
| 1451          | 14         | 3          |
| 1452          | 4          | 1          |
| <b>TOTALS</b> | <b>450</b> | <b>308</b> |

41°18'45"

71°

71°18'45"

71°20'00"

MASS

Point South

Little Compton

Sakonnet R.

Walden

Mills

Bever

0 10 Miles

--- Indicates shoreline revision

77 Topographic

SUMMARY  
PROJECT "H 142  
TWENTY-FOUR

This project consists of 3 3/4' X 7 1/2', 1:10,000 scale shoreline maps. Three manuscripts T-11444, T-11445 and T-11449 were compiled by the Tampa District Office. The remainder were compiled by the Baltimore District Office.

The objective of the project was to provide shoreline and horizontal control data for contemporary hydrographic surveys and base maps for nautical charts.

It extends from the New Bedford, Connecticut area west to Old Saybrook along Block Island Sound and includes parts of Massachusetts, Rhode Island, and Connecticut.

Aerial photography was taken in the spring of 1954 with the "W" camera at 1:20,000 scale and supplemental nine-lens at 1:10,000 at low water. Some additional

- 2 -

Five contemporary hydrographic surveys dated 1956-57 have been completed in this area by visual hydrographic methods.

All sheets were scribed and transmitted to the Washington Office by

Final Review was completed by April 1960.

Submitted by:

A. K. Heywood

FIELD INSPECTION REPORT  
Project 27300

Maps  
T-11429, T-11431 and T-11435

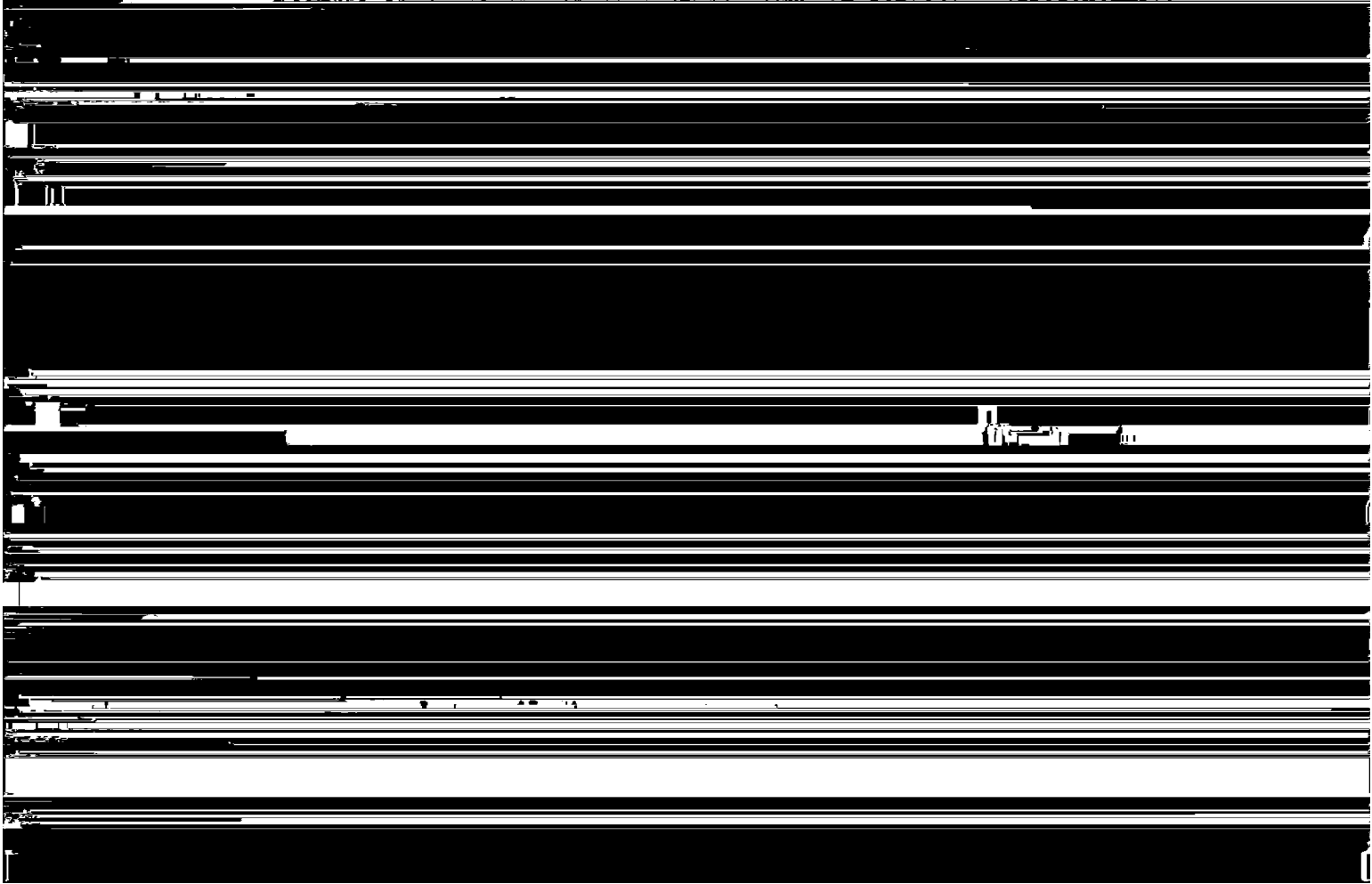
2. AREAL FIELD INSPECTION

The area comprising these maps lies along both sides of the Westport River from the Atlantic Ocean to a point just south of Westport Factory.

A network of good rural and state highways serve the area which is chiefly agricultural and residential. There is a small lobster and fishing industry based at Westport.

Single lens photographs of good quality made in May 1956 were used for field inspection. Some difficulty was encountered when selecting a substitute point for horizontal control identification in open fields away from cultural detail. In such cases, boulders, low bushes, points of grass, sand spots, etc, were identified but, in many instances, identification was difficult due to loss of detail, i.e., the images of objects usually found easily on 1:10000 scale ratio prints in the past could not be found at all. Otherwise, the photography was excellent.

All swamp photographed a distinct medium dark gray tone. Because of this, limits were placed only on selected representative



In T-11431

82 C and 82 E

In T-11435

None

The following stations were reported lost:

In T-11429

Coast and Geodetic Survey triangulation stations:  
HORSE, 1934 and WHITE SILO, 1934

Massachusetts Geodetic Survey traverse stations:  
M6F and M6H

In T-11431

ELDRIDGE, 1843      CUP, 1934

In T-11435

GOOSEBERRY NECK OP NO 2, 1940

4. VERTICAL CONTROL

All tidal bench marks in the area were recovered. No other vertical control work was done.

5. CONTOURS AND DRAINAGE

Contours inapplicable.

Drainage is predominantly perennial flowing from relatively small swamps. The perennial streams are, on the whole, easily recognized stereoscopically and were indicated only in places which might present difficulty to the compiler.

6. WOODLAND COVER

Woodland cover was classified in accordance with requirements for topographic maps, reference 5433 Aa, Topographic Manual, Part II.

## 7. SHORELINE AND ALONGSHORE FEATURES

The mean high water line was inspected where possible by driving along the shoreline and from a skiff where it was not possible to do so while driving.

Symbolization of the mean high water line was done in accordance with Fig. 5.22, Topographic Manual , Part II.

An approximate low water line has been indicated in several areas by symbol in accordance with Fig. 5.22, Topographic Manual, Part II.

All piers and similar shoreline structures are adequately covered by the photographs.

There are no bluffs or cliffs of landmark value in the area.

There were no indications found of a submerged cable immediately south of Hix Bridge in Map T-11429 as now charted on Chart 237. A communications cable was found laid along the lower section of the bridge deck.

## 8. OFFSHORE FEATURES

There were no offshore features discovered during field inspection which would require a special investigation by the hydrographer.

## 9. LANDMARKS AND AIDS

All landmarks and aids are adequately covered by Form 567.

## 10. BOUNDARIES, MONUMENTS AND LINES

The Massachusetts - Rhode Island state boundary crosses the extreme western portions of Maps T-11431 and T-11435. This boundary is well monumented in Map T-11430 to the west of Map T-11431 and in Map T-11428 to the west of Map T-11429. These monuments have either a Coast and Geodetic Survey geographic position, Massachusetts Geodetic Survey plane coordinates, or, were recovered and identified during the course of field inspection of Maps T-11428 and T-11430. The boundary is not marked at its junction with the Atlantic Ocean in Map T-11435. The boundary will have to be compiled from the legal description from the the last monuments to the Atlantic Ocean across Maps T-11431 and T-11435.

The State of Massachusetts was in the process of acquiring land for Horse Neck Beach State Park at the time of field inspection. However, acquisition of land was still in progress and had not progressed far enough to permit determination of final boundaries. This park will be located in the vicinity of Horse Neck Beach and Gooseberry Neck in Maps T-11431 and T-11435.

### 11. OTHER CONTROL

None was established.

### 12. OTHER INTERIOR FEATURES

All roads were classified in accordance with reference 5441, Topographic Manual, Part II, except classes 5 and 6 were combined into one class and classified as class 5 roads.

Buildings to be compiled were circled in red ink; class 1 buildings were not indicated in any other manner; but, class 2 buildings were further identified by placing the numeral "2" alongside the red ink circle.

A school at Booth Corner presently mapped on United States Geological Survey topographic maps no longer exists. The building is now occupied a private business.

A church similarly mapped at Russells Mills no longer exists. This building is now used as a private museum.

An overhead transmission cable crossing the Westport River immediately north of Hix Bridge in Map T-11429 has a vertical clearance of 33 feet above water at 0930 EDST, 4 September 1956. This cable crossing is not shown on available copies of chart 237.

Hix Bridge, a fixed highway structure in Map T-11429, has a measured horizontal clearance of 25.3 ft. and a vertical clearance above water of 6.0 ft. at 0930 EDST, 4 September 1956.

A swing draw highway bridge in Map T-11431 has a measured horizontal clearance in both the north and south draws of 30.5 ft. and a vertical clearance above water of 5.3 ft. at 1030 EDST, 4 September 1956.

There are no airports or landing fields in the area.

### 13. GEOGRAPHIC NAMES

No discrepancies in geographic names were noted during field inspection.

If the State of Massachusetts completes acquisition of land and establishes the planned park and it is placed on the map, the name HORSE NECK BEACH STATE PARK will be applicable.

14 SPECIAL REPORTS AND SUPPLEMENTAL DATA

Data, Map T-11428, Letter of Transmittal Ph-142-1, forwarded to Washington 28 July 1954.

Data, Map T-11428, " " " Ph-142-1A, " "  
Washington 19 October 1954.

Data, Map T-11430, " " " Ph-142-2, " "  
Washington 6 August 1954.

Data, Map T-11430, " " " Ph-142-2A, " "  
Washington 19 October 1954.

Data, Map T-11434, " " " Ph-142-5, " "  
Washington 6 August 1954.

Data, Map T-11434 " " " Ph-142-5A, " "  
Washington 19 October 1954.

Forms 567, Landmarks and Aids to Navigation forwarded to Washington in Package No. 57-029 6 December 1956.

Submitted:

*I. Y. Fitzgerald*  
I. Y. Fitzgerald  
Photogrammetric Engineer

Approved:

*I. R. Rubottom*

I. R. Rubottom  
Chief of Party

U.S. DEPARTMENT OF COMMERCE  
COAST AND GEODETIC SURVEY  
DESCRIPTIVE REPORT  
CONTROL RECORD

Lambert Grid Mainland Zone (Mass.)

MAP T. 11429

PROJECT NO. 6142

SCALE OF MAP 1:10,000

SCALE FACTOR

| STATION                                    | SOURCE OF<br>INFORMATION<br>(INDEX) | DATUM        | LATITUDE OR y - COORDINATE<br>LONGITUDE OR x - COORDINATE |            | DISTANCE FROM GRID IN FEET,<br>OR PROJECTION LINE IN METERS |        | DATUM<br>CORRECTION | N.A. 1927 - DATUM<br>DISTANCE<br>FROM GRID OR PROJECTION LINE<br>IN METERS |        | FACTOR DISTANCE<br>FROM GRID OR PROJECTION LINE<br>IN METERS |        |
|--------------------------------------------|-------------------------------------|--------------|-----------------------------------------------------------|------------|-------------------------------------------------------------|--------|---------------------|----------------------------------------------------------------------------|--------|--------------------------------------------------------------|--------|
|                                            |                                     |              |                                                           |            | FORWARD                                                     | (BACK) |                     | FORWARD                                                                    | (BACK) | FORWARD                                                      | (BACK) |
| 82 AB MGS 1936                             | Fall<br>River<br>Quad.              | N.A.<br>1927 | 212,378.54                                                | 725,515.73 | 2378.5                                                      | 2621.5 |                     | 725.0                                                                      | 799.0  |                                                              |        |
| S.S.<br>82AB MGS 1936                      | "                                   | "            | 212,577.37                                                | 725,515.73 | 515.7                                                       | 4484.3 |                     | 157.2                                                                      | 1366.8 |                                                              |        |
| 107 A MGS 1936                             | "                                   | "            | 215,046.37                                                | 725,379.54 | 2577.4                                                      | 2422.6 |                     | 785.6                                                                      | 738.4  |                                                              |        |
| S.S.<br>107 A MGS 1936                     | "                                   | "            | 215,158.86                                                | 728,687.40 | 379.5                                                       | 4620.5 |                     | 115.7                                                                      | 1408.3 |                                                              |        |
| M 6 G MGS 1936                             | "                                   | "            | 233,145.23                                                | 728,653.46 | 046.4                                                       | 4953.6 |                     | 14.1                                                                       | 1509.9 |                                                              |        |
| S.S.<br>M 6 G MGS 1936                     | "                                   | "            | 233,251.08                                                | 727,320.75 | 3687.4                                                      | 1312.6 |                     | 1123.9                                                                     | 400.1  |                                                              |        |
| DARTMOUTH-WESTPORT<br>TOWN BOUND F         | "                                   | "            | 230,982.88                                                | 724,805.92 | 158.9                                                       | 4841.1 |                     | 48.4                                                                       | 1475.6 |                                                              |        |
| S.S.<br>DARTMOUTH-WESTPORT<br>TOWN BOUND F | "                                   | "            | 230,982.88                                                | 724,805.92 | 3653.5                                                      | 1346.5 |                     | 1113.6                                                                     | 410.4  |                                                              |        |
| S.S.<br>DARTMOUTH-WESTPORT<br>TOWN BOUND O | "                                   | "            | 221,889.95                                                | 726,140.18 | 3145.2                                                      | 1854.8 |                     | 958.7                                                                      | 565.3  |                                                              |        |
| S.S.<br>DARTMOUTH-WESTPORT<br>TOWN BOUND O | "                                   | "            | 222,100.13                                                | 726,132.98 | 2320.8                                                      | 2679.2 |                     | 707.4                                                                      | 816.6  |                                                              |        |
| S.S.<br>DARTMOUTH-WESTPORT<br>TOWN BOUND O | "                                   | "            | 227,404.22                                                | 726,198.78 | 3251.1                                                      | 1748.9 |                     | 990.9                                                                      | 533.1  |                                                              |        |
| S.S.<br>DARTMOUTH-WESTPORT<br>TOWN BOUND O | "                                   | "            | 227,404.22                                                | 726,198.78 | 2241.6                                                      | 2758.4 |                     | 683.2                                                                      | 840.8  |                                                              |        |
| S.S.<br>DARTMOUTH-WESTPORT<br>TOWN BOUND O | "                                   | "            | 227,404.22                                                | 726,198.78 | 982.9                                                       | 4017.1 |                     | 299.6                                                                      | 1224.4 |                                                              |        |
| S.S.<br>DARTMOUTH-WESTPORT<br>TOWN BOUND O | "                                   | "            | 227,404.22                                                | 726,198.78 | 4805.9                                                      | 194.1  |                     | 1464.8                                                                     | 59.2   |                                                              |        |
| S.S.<br>DARTMOUTH-WESTPORT<br>TOWN BOUND O | "                                   | "            | 227,404.22                                                | 726,198.78 | 934.4                                                       | 4065.6 |                     | 284.8                                                                      | 1239.2 |                                                              |        |
| S.S.<br>DARTMOUTH-WESTPORT<br>TOWN BOUND O | "                                   | "            | 227,404.22                                                | 726,198.78 | 4767.7                                                      | 232.3  |                     | 1453.2                                                                     | 70.8   |                                                              |        |
| S.S.<br>DARTMOUTH-WESTPORT<br>TOWN BOUND O | "                                   | "            | 227,404.22                                                | 726,198.78 | 1890.0                                                      | 3110.0 |                     | 576.1                                                                      | 947.9  |                                                              |        |
| S.S.<br>DARTMOUTH-WESTPORT<br>TOWN BOUND O | "                                   | "            | 227,404.22                                                | 726,198.78 | 1140.2                                                      | 3859.8 |                     | 347.5                                                                      | 1176.5 |                                                              |        |
| S.S.<br>DARTMOUTH-WESTPORT<br>TOWN BOUND O | "                                   | "            | 227,404.22                                                | 726,198.78 | 2100.1                                                      | 2899.9 |                     | 640.1                                                                      | 883.9  |                                                              |        |
| S.S.<br>DARTMOUTH-WESTPORT<br>TOWN BOUND O | "                                   | "            | 227,404.22                                                | 726,198.78 | 1133.0                                                      | 3867.0 |                     | 345.3                                                                      | 1178.7 |                                                              |        |
| S.S.<br>DARTMOUTH-WESTPORT<br>TOWN BOUND O | "                                   | "            | 227,404.22                                                | 726,198.78 | 2404.2                                                      | 2595.8 |                     | 732.8                                                                      | 791.2  |                                                              |        |
| S.S.<br>DARTMOUTH-WESTPORT<br>TOWN BOUND O | "                                   | "            | 227,404.22                                                | 726,198.78 | 1198.8                                                      | 3801.2 |                     | 365.4                                                                      | 1158.6 |                                                              |        |
| S.S.<br>DARTMOUTH-WESTPORT<br>TOWN BOUND O | "                                   | "            | 227,404.22                                                | 726,198.78 | 2331.7                                                      | 2668.3 |                     | 710.7                                                                      | 813.3  |                                                              |        |
| S.S.<br>DARTMOUTH-WESTPORT<br>TOWN BOUND O | "                                   | "            | 227,404.22                                                | 726,198.78 | 1183.5                                                      | 3816.5 |                     | 360.7                                                                      | 1163.3 |                                                              |        |

1 FT. = 3048006 METER

COMPUTED BY: M. Keller

DATE January 1957

CHECKED BY: R. Hartley

DATE January 1957

COMM-DC-57843

U. S. DEPARTMENT OF COMMERCE  
COAST AND GEODETIC SURVEY  
DESCRIPTIVE REPORT  
CONTROL RECORD

Lambert Grid Mainland Zone (Mass.)

MAP T-11429

PROJECT NO. 6142

SCALE OF MAP 1:10,000

SCALE FACTOR

| STATION              | SOURCE OF INFORMATION (INDEX) | DATUM         | LATITUDE OR $\psi$ -COORDINATE<br>LONGITUDE OR $\chi$ -COORDINATE | DISTANCE FROM GRID IN FEET.<br>OR PROJECTION LINE IN METERS |        | DATUM CORRECTION | N. A. 1927 - DATUM<br>DISTANCE<br>FROM GRID OR PROJECTION LINE<br>IN METERS |        | FACTOR DISTANCE<br>FROM GRID OR PROJECTION LINE<br>IN METERS |
|----------------------|-------------------------------|---------------|-------------------------------------------------------------------|-------------------------------------------------------------|--------|------------------|-----------------------------------------------------------------------------|--------|--------------------------------------------------------------|
|                      |                               |               |                                                                   | FORWARD                                                     | (BACK) |                  | FORWARD                                                                     | (BACK) |                                                              |
| WEST, 1934           | P. 94                         | N. A.<br>1927 | 219,294.64<br>722,118.17                                          | 4294.6                                                      | 705.4  |                  | 1309.0                                                                      | 215.0  |                                                              |
| S. S. WEST, 1934     | "                             | "             | 219,336.10<br>721,983.30                                          | 4336.1                                                      | 663.9  |                  | 654.8                                                                       | 869.2  |                                                              |
| 82H MGS 1936         | Fall River Quad               | "             | 209,811.52<br>735,725.70                                          | 1983.3                                                      | 3016.7 |                  | 1321.6                                                                      | 202.4  |                                                              |
| 82 AC MGS 1936       | "                             | "             | 208,547.05<br>721,048.11                                          | 4811.5                                                      | 188.5  |                  | 604.5                                                                       | 919.5  |                                                              |
| 82 AG MGS 1936       | "                             | "             | 207,954.37<br>711,932.05                                          | 725.7                                                       | 4274.3 |                  | 1466.5                                                                      | 57.5   |                                                              |
| 82 AK MGS 1936       | "                             | "             | 207,681.51<br>706,935.03                                          | 3547.1                                                      | 1452.9 |                  | 221.2                                                                       | 1302.8 |                                                              |
| S. S. 82 AK MGS 1936 | "                             | "             | 207,702.06<br>706,858.44                                          | 1048.1                                                      | 3951.9 |                  | 1081.2                                                                      | 442.8  |                                                              |
| FORTE, 1934          | P. 94                         | "             | 222,853.05<br>716,509.02                                          | 2954.4                                                      | 2045.6 |                  | 319.5                                                                       | 1204.5 |                                                              |
| FISH, 1934           | "                             | "             | 213,831<br>720,392                                                | 1932.1                                                      | 3067.9 |                  | 900.5                                                                       | 623.5  |                                                              |
| DARTMOUTH 2, 1934    | P. 66                         | "             | 207,966.33<br>728,647.56                                          | 2681.5                                                      | 2318.5 |                  | 588.9                                                                       | 935.1  |                                                              |
| TIN CUPOLA, 1934     | P. 95                         | "             | 216,289<br>715,939                                                | 1935.0                                                      | 3065.0 |                  | 817.3                                                                       | 706.7  |                                                              |
| 107 C MGS 1936       | Fall River Quad.              | "             | 226,417.16<br>726,444.01                                          | 2702.1                                                      | 2297.9 |                  | 589.8                                                                       | 934.2  |                                                              |

1 FT. = 3048006 METER

COMPUTED BY: M. Keller

DATE January 1957

CHECKED BY: R. Hartley

DATE January 1957

COMM-DC-57842

Lambert Grid Mainland Zone (Mass.)

MAP T.11429

PROJECT NO. 6142

SCALE OF MAP 1:10,000

SCALE FACTOR

[illegible]

1 FT = 3048006 METER

COMPUTED BY: **M. Keller**

DATE January 1957

CHECKED BY: R. Hartley

DATE January 1957

COMM-DC-5784

Photogrammetric Plot Report  
Project 27300  
Block Island Sound. R. I. to Westport River. Mass.

21. Area covered.- Sheets T-11428 thru T-11431, T-11434 and T-11435 covered in this report.
22. Method.-Since most of the models in the area of these surveys can be set on existing control only one bridge was necessary. Model 56W-384-385 was set to leave pass points to control the center of the bridge. Photos 56W-369 thru <sup>374</sup>~~374~~ were bridged.
23. Adequacy of control.- Control was adequate. In the adjustment of the bridge it was observed that station Fish, 1934 should be held with some caution. All stations were plotted on Massachusetts mainland (Lambert) grid.
24. Supplemental data.- None
25. Photography.- Photo coverage was good except in the southeast area of T-11429 where side lap between flights is at a minimum. Photo coverage and control are adequate for graphic compilation of sheet T-11435.
26. Bridge points.- All image points determined in the stereoplanigraph bridge are indicated by a blue ink number on the field ratio <sup>and contact</sup> prints with a description on the back of the photograph. These points are also plotted on the manuscript bases and shown by a red circle and number.

C. E. Cook

19 June 1957

C. E. Cook

Approved

Morton Keller

M. Keller

COMPILATION REPORT  
T-11429

Photogrammetric Plot Report:

In addition to the attached report refer also to the descriptive report for survey T-11431.

In the NE corner, the stereoplanigraph bridge was extended with the Multiplex thru model 367-368 to furnish pass points for model 388-389.

31. DELINEATION

The Kelsh plotter was used for delineation on vinylite projection. The multiplex was used in model 367-368.

The Photogrammetric Office review corrections were made on a cronaflex copy of the penciled worksheet.

32. CONTROL

Horizontal control was adequate. Vertical control is inapplicable.

In the vicinity of station FISH, 1934 the stereoplanigraph pass points were held. Station FISH was difficult to see in the model and did not influence the delineation of detail.

At station 107D MGS 1936, the sub. pt. was not held in the multiplex bridge. The positions of details in relation to the three stations in the immediate area are in agreement with the descriptions, indicating an error in the sub. pt.

33. SUPPLEMENTAL DATA

Final name standard dated 12/15/54 and Chart 237 were used for geographic names.

34. CONTOURS AND DRAINAGE

Drainage is complete. Contours are inapplicable.

35. SHORELINE AND ALONGSHORE DETAILS

All alongshore details are from field inspection which was adequate. No low water lines are shown.

36. OFFSHORE DETAILS

None.

37. LANDMARKS AND AIDS

Form 567 was submitted for two landmarks to be charted.

38. CONTROL FOR FUTURE SURVEYS

None.

39. JUNCTIONS

Junctions have been made as follows:

to the north with T-10493 (Ph-163)  
to the east - no contemporary survey  
to the south with T-11431  
to the west with T-11428

40. HORIZONTAL AND VERTICAL ACCURACY

No comments.

41. BRIDGE AND CABLE CLEARANCE

The following are the clearances of Hix Bridge furnished by the field party as compared with the bridge book data:

|           | Horizontal | Vertical |     |
|-----------|------------|----------|-----|
|           |            | MLW      | MHW |
| Engineers | 31, 35, 27 | 6.6      | 3.5 |
| Field     | 25.3       | 9.8      | 7.1 |

The clearance of the overhead cable at Hix Bridge was computed to 34.1 feet at MHW.

42 - 45

Inapplicable.

46. COMPARISON WITH EXISTING MAPS

USGS 7½ min. quadrangle, Westport, Mass. - R.I., scale 1:31,680 edition of 1951.

Bureau surveys as follows:

T-5602 (1936) scale 1:10,000  
T-5603 (1936) " "  
T-5604 (1936) " "

47. COMPARISON WITH NAUTICAL CHARTS

Chart No. 237, scale 1:20,000, edition of April 1937, corrected to 6/6/55.

Items to be applied to nautical charts immediately: None.

Items to be carried forward: None.

Respectfully submitted  
22 October 1958

*Joseph W. Vonasek*  
Joseph W. Vonasek  
Carto. (Photo.)

Approved and forwarded

*William F. Deane*  
William F. Deane  
CDR, C&GS  
Baltimore District Officer

PHOTOGRAMMETRIC OFFICE REVIEW

T. 11429

1. Projection and grids ☒ 2. Title ☒ 3. Manuscript numbers ☒ 4. Manuscript size ☒

4a. Classification label ☒

CONTROL STATIONS

5. Horizontal control stations of third-order or higher accuracy ☒ 6. Recoverable horizontal stations of less than third-order accuracy (topographic stations) ☒ 7. Photo hydro stations ☒ 8. Bench marks ☒  
9. Plotting of sextant fixes ☒ 10. Photogrammetric plot report ☒ 11. Detail points ☒

ALONGSHORE AREAS

(Nautical Chart Data)

12. Shoreline ☒ 13. Low-water line ☒ 14. Rocks, shoals, etc. ☒ 15. Bridges ☒ 16. Aids to navigation ☒ 17. Landmarks ☒ 18. Other alongshore physical features ☒ 19. Other along-shore cultural features ☒

PHYSICAL FEATURES

20. Water features ☒ 21. Natural ground cover ☒ 22. Planetable contours ☒ 23. Stereoscopic instrument contours ☒ 24. Contours in general ☒ 25. Spot elevations ☒ 26. Other physical features ☒

CULTURAL FEATURES

27. Roads ☒ 28. Buildings ☒ 29. Railroads ☒ 30. Other cultural features ☒

BOUNDARIES

31. Boundary lines ☒ 32. Public land lines ☒

MISCELLANEOUS

33. Geographic names ☒ 34. Junctions ☒ 35. Legibility of the manuscript ☒ 36. Discrepancy overlay ☒ 37. Descriptive Report ☒ 38. Field inspection photographs ☒ 39. Forms ☒

40. Joseph W. Vonnasch  
Reviewer

Henry P. Perich  
Supervisor, Review Section or Unit

41. Remarks (see attached sheet)

FIELD COMPLETION ADDITIONS AND CORRECTIONS TO THE MANUSCRIPT

42. Additions and corrections furnished by the field completion survey have been applied to the manuscript. The manuscript is now complete except as noted under item 43.

\_\_\_\_\_  
Compiler

\_\_\_\_\_  
Supervisor

43. Remarks:

48. GEOGRAPHIC NAMES LIST

Adamsville Road  
Allen Creek  
Angeline Brook

Beeden Road  
Booth Corner

Cadman Cove  
Cadman Neck  
Camp Noquochoke  
Cedar Dell Lake  
Central Village  
Coleman Hill Creek  
Carnell Point

Dartmouth  
Deerfield Swamp  
Destruction Brook  
Devoll Pond  
Division Road  
Doctors POINT  
Drift Road

Everett Cove

Gidleys Corner

Handy Four Corners  
Head of Westport  
Hix Bridge  
Hix Bridge Road  
Horse Neck Road  
Huddleston Point

Jessies Neck

Kirby Brook  
Kirby Corner

Macombers Corner  
\*Massachusetts

New Pine Hill Road

Old County Road  
Old Pine Hill Road  
Old Westport Road

T-11429

\*Paskamanset River  
Peler Point

Russells Mills Road

Sissons Corner  
Slades Corner  
Slades Corner Road  
\*Slocums River  
Snell Corner  
Snell Creek  
South Westport

The Narrows

\*Westport River — East Branch  
Widows Point  
Woodcock Road  
Woods Corner

\*B.G.N. Decision

*George W. Bace*  
GEOGRAPHIC NAMES SECTION  
28 MARCH 1960

### 3/04 LANDMARKS FOR CHARTS

*(10)* been inspected from seaward to determine their value as landmarks be

**Henry P. Eichert**

|                  |                 |
|------------------|-----------------|
| William F. Deane | Chief of Party. |
|------------------|-----------------|

[illegible]

Public Manual, pages 800 to 804. Positions of charted landmarks and *nonfloating* form. The data should be considered for the charts of the area and not by heading should be given.

REVIEW REPORT T-11429  
Shoreline  
March 2, 1960

|               |          |         |
|---------------|----------|---------|
| 183 bis       | 1:10,000 | 1844    |
| 2217          | 1:10,000 | 1895-96 |
| 5602          | 1:10,000 | 1934    |
| 5603          | 1:10,000 | 1934    |
| 6119) Graphic |          |         |
| 6120) Control | 1:10,000 | 1934    |

The above surveys are to be superceded by this manuscript for new construction of nautical charts.

63. Comparison with Maps of Other Agencies

USGS Westport, Mass.-R. I. 1:31,680 1951

64. Comparison with Contemporary Hydrographic Surveys

None

65. Comparison with Nautical Charts

237 1:20,000 Ed. 4/26/37 6/23/58

Three rocks awash midway between Everett Cove and Westport shown on the chart do not appear on this manuscript. An investigation of the latest photography taken in 1956 at 1.3' above MLW reveals no trace of these rocks.

Approved

L. C. Lande  
L. C. Lande  
Chief, Review and Edit

J. E. Eubank 11/28/61  
~~Chief, Nautical Chart~~  
~~Branch~~ Chart Division

L. F. Woodcock  
Asst. Chief, Photogrammetry  
Division

G. B. Mast  
~~Chief, Coastal Surveys~~  
~~Division~~  
Asst. Chief, Operations Division

## NAUTICAL CHARTS BRANCH

SURVEY NO. T-11429

### Record of Application to Charts

[illegible]

M-2168-1

A basic hydrographic or topographic survey supersedes all information of like nature on the uncorrected chart. Give reasons for deviations, if any, from recommendations made under "Comparison with Charts" in the Review.