**Diag. Cht. No. 1211-2.**

**U. S. DEPARTMENT OF COMMERCE**
**COAST AND GEODETIC SURVEY**

**DESCRIPTIVE REPORT**

<table>
<thead>
<tr>
<th>Type of Survey</th>
<th>Shoreline</th>
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<tbody>
<tr>
<td>Field No.</td>
<td>Ph-142</td>
</tr>
<tr>
<td>Office No.</td>
<td>T-11447</td>
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**LOCALITY**

<table>
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<tr>
<th>State</th>
<th>Connecticut - Rhode Island</th>
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<tbody>
<tr>
<td>General locality</td>
<td>Block Island Sound</td>
</tr>
<tr>
<td>Locality</td>
<td>Weekapaug Point to Watch Hill</td>
</tr>
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</table>

**1954**

**CHIEF OF PARTY**

L. F. Woodcock, Chief of Party  
W. F. Deane, Balto. District Office

**LIBRARY & ARCHIVES**

**DATE**  April 1962
DATA RECORD

T-11447

Project No. (II): Ph-142

Quadrangle Name (IV):

Field Office (II): Groton, Conn.

Chief of Party: L. F. Woodcock

Photogrammetric Office (III): Baltimore, Md.

Officer-in-Charge: William F. Deane

Instructions dated (II) (III):
8 June 1954
18 Aug. 1954
15 Sept. 1955

Copy filed in Division of Photogrammetry (IV)

Method of Compilation (III): Kelsh Plotter

Manuscript Scale (III): 1:10,000

Scale Factor (III): 1.000

Stereoscopic Plotting Instrument Scale (III): 1:4000

(Pantograph ratio 2/5)

Date received in Washington Office (IV):

Date reported to Nautical Chart Branch (IV):

Date registered (IV): 29 Aug 1960

Publication Scale (IV):

Publication date (IV):

Geographic Datum (III): N.A. 1927

Vertical Datum (III): MHW

Reference Station (III): FORT HILL, 1873

Lat.: 41° 20' 00.724" (22.3 m)

Long.: 71° 49' 15.239" (354.4 m)

Adjusted

Plane Coordinates (IV):

Y =  

State:  

Zone:  

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

Field Inspection by (II):  L. F. Beugnet  Date: Aug. 1954

Planetable contouring by (II):  

Completion Surveys by (II):  

Mean High Water Location (III) (State date and method of location):
   22 April 1954 (date of Photography), photogrammetric

Projection and Grids ruled by (IV):  A. Riley  Date: 7 Dec. 1954

Projection and Grids checked by (IV):  A. Riley  Date: 7 Dec. 1954

Control plotted by (III):  J. B. McDonald  Date: 20 Oct. 1955

Control checked by (III):  J. Ferrow  Date: 26 Oct. 1955

Radial Plot or Stereoscopic  E. L. Rolle  Date: 24 May 1956
Control extension by (III):  

Planimetry  B. Kurs  Date: 8 August 1957

Stereoscopic Instrument compilation (III):  

Manuscript delineated by (III):  C. A. Lipsoomb  Date: 17 Aug. 1959
(Scribing)

Photogrammetric Office Review by (III):  J. W. Vonasek  Date: 10 Feb. 1958

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

Form T-Page 3
Camera (kind or source) (III): C & GS type "W" - 6" focal length

PHOTOGRAPHS (III)

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<th>Date</th>
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<td>779J thru 802</td>
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<td>1545</td>
<td>&quot;</td>
<td>0.9 &quot;</td>
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<td>1258 thru 1262</td>
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<td>1500</td>
<td>&quot;</td>
<td>0.3 &quot;</td>
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<td>43742 thru 43744</td>
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<td>0.1 below &quot;</td>
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Tide (III)
(From predicted tables)

Reference Station: NEW LONDON
Subordinate Station: STONINGTON, FISHERS ISLAND SOUND

Washington Office Review by (IV):

Final Drafting by (IV):

Drafting verified for reproduction by (IV):

Proof Edit by (IV):

Land Area (Sq. Statute Miles) (III): 24

Shoreline (More than 200 meters to opposite shore) (III): 20 statute miles

Shoreline (Less than 200 meters to opposite shore) (III): 3 " "

Control Leveling - Miles (II):

Number of Triangulation Stations searched for (II): 49
Recovered: 42
Identified: 25

Number of BMs searched for (II): 4
Recovered: 3
Identified: 1

Number of Recoverable Photo Stations established (II): 1*

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

Remarks:

*In addition, one old station recovered.
SUMMARY
PROJECT PH:142
TWENTY-FOUR

This project consists of 3 3/4' x 7 3/4', 1:10,000 scale shoreline maps. Three manuscripts T-11444, T-11448 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 photography was flown in May 1956 for revision purposes.

Control was extended by stereoplanigraph and multiplex methods. Compilation was accomplished by Kelsh.

More stations were identified than necessary for this project. This was due to the fact that the original intentions were to extend horizontal control by radial line plot methods. Subsequent purchase of an additional first order bridging instrument reduced the need for the density of control. This item is the subject of supplemental instructions dated 15 September 1955, Paragraph 5. The field phase of control identification was initiated in June 1954.

The project is classified as Shoreline yet instructions to the field dated 8 June 1954, Paragraph 9 "Interior Inspection" states "the inland limits of inspection and delimitation are the map limits".
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 Baltimore District Office.

Final Review was completed by April 1960.

Submitted by:

A. K. Heywood
2. **AREAL FIELD INSPECTION**

The shoreline sheet covers part of the southern coast of the states of Rhode Island and Connecticut.

The salient features of the area are the towns of Westerly, Rhode Island and Pawcatuck, Connecticut. These towns are of an industrial nature.

The Pawcatuck River flows southward through the area and empties into Little Narragansett Bay.

The summer resorts of Atlantic Beach, Misquamicut and part of Watéh Hill border the coast and are active in the summer months with vacationists.

Special attention is called to the area along the outer coast, outlined in violet ink on photographs 54-W-1259, 54-W-1260 and 54-W-1261, and labeled "Storm damaged area." This area was inspected prior to the hurricane of 31 August 1954. Another visit later revealed extensive storm damage with from 80 to 90 per cent of the buildings damaged or completely destroyed. The road along Atlantic Beach was impassable at this time. This area should be inspected by the field edit party.

Other than the above mentioned area, no area was purposely left for the field edit party and field inspection is believed to be complete.

The photographs being of recent date and of good quality, there was no difficulty in interpretation.

Field inspection notes were applied to 1:10,000 scale ratio prints of single lens photographs 54-W-799J through 54-W-802, 54-W-771 through 54-W-776 and 54-W-1258 through 54-W-1261.

3. **HORIZONTAL CONTROL**

All Coast and Geodetic Survey stations within the limits of the sheet were searched for.

The following stations were reported lost: DUNN'S HOUSE, WHITE CHIMNEY 1873; PLEASANT VIEW (USE)1909; EAST FRONT RANGE 1944; WEST FRONT RANGE 1944; and SULLIVANS BARN CUPOLA 1934.

No supplemental control was established.
4. **VERTICAL CONTROL**

Three tidal bench marks within the area were searched for and reported on Form 685. One of these were identified on the photographs.

5. **CONTOURS AND DRAINAGE**

Contours inapplicable.

Drainage is mostly through small streams and intermittent streams into the Pawcatuck River and through swamps to Little Narragansett Bay and Winnapaug Pond.

The drainage has been noted on the photographs.

6. **WOODLAND COVER**

The woodland cover was classified in accordance with reference 5433 of the Topographic Manual, Part II, and project instructions.

7. **SHORELINE AND ALONGSHORE FEATURES**

The shoreline along the outer coast was inspected prior to the hurricane of 31 August 1954. Storm damage through this area was extensive and the shoreline should be re-inspected by the field edit party.

The shoreline along the Pawcatuck River was inspected on 15 September 1954 and is complete. There was minor damage due to the storm with only a few small piers being destroyed. These were deleted in green ink on the photographs.

The shoreline in the Pawcatuck River is mostly of fast land with short stretches of marsh in some areas. The alongshore and foreshore areas are usually lined with large rock and boulders.

A few small marsh areas offshore have large boulders within their limits giving them a white appearance on the photographs. These have been labeled on the photographs.

A submerged cable shown on Chart No. 358 is to be deleted. The cable is non-existent. There are no other cable crossings.

No other shoreline features were noted.

8. **OFFSHORE FEATURES**

No offshore features for investigation by the hydrographic party were noted.
9. **LANDMARKS AND AIDS**

All landmarks for charting have been recommended on Form 567. There are no aids to navigation within the limits of the sheet, except an airway beacon at Westerly Airport.

10. **BOUNDARIES, MONUMENTS AND LINES**

There are no monuments on the boundary line within the map limits.

11. **OTHER CONTROL**

No other control was established.

12. **OTHER INTERIOR FEATURES**

All roads have been inspected and classified in accordance with reference 5441 of the Topographic Manual.

All class 1 buildings, other than public buildings, to be mapped have been indicated by circling the image of the building in red ink. The class 2 buildings to be mapped have been indicated by the numeral 2 in red ink on the image of the building.

The Westerly Airport is the only landing field within the area.

The only bridge in the area is a small fixed bridge at the entrance to Winnapag Pond. The clearances have been noted on the photographs and are as follows:

Horiz. Clearance 49.0 ft., Vertical Clearance 5.0 ft@ 0950 EDT 8/30/54.

13. **GEOGRAPHIC NAMES**

No discrepancies were noted during field inspection.

14. **SPECIAL REPORTS AND SUPPLEMENTAL DATA**

Special Report, State Boundaries, Project Ph-142, to be forwarded at a later date.

Letter of Transmittal No. Ph-142-3, Form 567, Aids to Navigation, to be forwarded to Washington Office at a later date.
Letter of Transmittal No. Ph-142-4, Form 567, Landmarks for Charts, to be forwarded to Washington Office at a later date.

Letter of Transmittal No. Ph-142-21, Data, Map T-11447, forwarded to Washington Office  

OCT 25 1954

Submitted  
25 October 1954

Leo F. Beugnet  
Leo F. Beugnet  
Cartographic Survey Aid

Approved & Forwarded  

OCT 25 1954

Lorin F. Woodcock  
Lorin F. Woodcock  
Chief of Party
<table>
<thead>
<tr>
<th>STATION</th>
<th>SOURCE OF INFORMATION (INDEX)</th>
<th>DATUM</th>
<th>LATITUDE OR $\nu$-COORDINATE</th>
<th>LONGITUDE OR $\lambda$-COORDINATE</th>
<th>DISTANCE FROM GRID IN FEET, OR PROJECTION LINE IN METERS</th>
<th>DATUM CORRECTION</th>
<th>N.A. 1927 - DATUM DISTANCE FROM GRID OR PROJECTION LINE IN METERS</th>
<th>FACTOR DISTANCE FROM GRID OR PROJECTION LINE IN METERS</th>
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<td>1/90</td>
<td>NA 1927</td>
<td>41-21-44.654</td>
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<tr>
<td>'1934 (Conn)</td>
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<td>578.6 (816.0)</td>
<td>1394.6</td>
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<tr>
<td>American Thread Company elevated tank, 1934 (Conn)</td>
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<td>41-21-44.547</td>
<td>71-50-22.480</td>
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<td>1851.0</td>
<td>Pricked</td>
<td>Direct</td>
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<tr>
<td>Babcock Cupola, 1934 (RI)</td>
<td>1/19</td>
<td>&quot;</td>
<td>41-18-58.581</td>
<td>71-50-38.920</td>
<td>1807.2 (43.8)</td>
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<td>Barn, 1934 (Conn)</td>
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<td>71-52</td>
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<td>Chesbro, 1934</td>
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1 FT = 0.3048008 METER

COMPUTED BY: J. B. McDonald  DATE: 20 October 1955  CHECKED BY: J. Ferrow  DATE: 26 October 1955
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<td>41 19 16.881</td>
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<td>41 20 55.369</td>
<td>71 50 20.193</td>
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1 FT. = 0.3048006 METER

COMPUTED BY: J. B. McDonald  DATE: 20 October 1955
CHECKED BY: J. Perrow  DATE: 26 October 1955
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<th>SOURCE OF INFORMATION (INDEX)</th>
<th>LATITUDE OR λ-COORDINATE LONGITUDE OR μ-COORDINATE</th>
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<th>N.A. 1927 - DATUM DISTANCE FROM GRID OR PROJECTION LINE IN METERS</th>
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<tbody>
<tr>
<td>Palmer's Cupola, 1934</td>
<td>1/90 276/20-34</td>
<td>41 21 02.70 71 50 17.21</td>
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<tr>
<td>Pawkatuck 2, (Conn) (Conn. Geod. S.), 1938</td>
<td>1/260 276/28</td>
<td>41 22 11.915 71 50 41.849</td>
<td>367.4 (1483.6) 972.6 (421.8)</td>
<td>Direct</td>
</tr>
<tr>
<td>SS Pawkatuck 2 (Conn) (Conn. Geod. S.), 1938</td>
<td>1/260 276/28</td>
<td>41 22 71 50</td>
<td>362.3 (1488.7)</td>
<td>1851.0</td>
</tr>
<tr>
<td>Point (USE), 1936</td>
<td>1/15 276/34</td>
<td>41 19 19.791 71 50 01.091</td>
<td>610.6 (1240.4)</td>
<td>1851.0</td>
</tr>
<tr>
<td>Rock Ridge, 1934</td>
<td>1/83 276/20-34</td>
<td>41 22 01.350 71 50 30.781</td>
<td>41.6 (1809.4)</td>
<td>1851.0</td>
</tr>
<tr>
<td>Sta. No. 1408 (CGS), 1936</td>
<td>Photo-stat Page 2</td>
<td>X 848 032 88</td>
<td>3033 1967</td>
<td>5000</td>
</tr>
<tr>
<td>Sta. No. 1409 (CGS), 1936</td>
<td>Photo-stat Page 4</td>
<td>X 849 090 90</td>
<td>3765 1235</td>
<td>5000</td>
</tr>
<tr>
<td>Sta. No. 1431 (CGS), 1936</td>
<td>Photo-stat Page 3</td>
<td>X 846 825 94</td>
<td>1836 3164</td>
<td>5000</td>
</tr>
<tr>
<td>Sta. No. 2800 (CGS), 1940</td>
<td>Photo-stat</td>
<td>X 840 806 96</td>
<td>807 4193</td>
<td>5000</td>
</tr>
<tr>
<td>Sta. No. 2961 (CGS), 1941</td>
<td>Photo-stat</td>
<td>X 841 533 68</td>
<td>1336 3464</td>
<td>5000</td>
</tr>
<tr>
<td>SS Sta. No. 2961 (CGS), 1941</td>
<td>Photo-stat</td>
<td>X 841 540 70</td>
<td>4307 693</td>
<td>5000</td>
</tr>
</tbody>
</table>

1 FT. = 0.3048008 METER
COMPUTED BY: J. B. McDonald DATE: 20 October 1955 CHECKED BY: J. Perrow DATE: 26 October 1955
<table>
<thead>
<tr>
<th>STATION</th>
<th>SOURCE OF INFORMATION (INDEX)</th>
<th>LATITUDE OR Y-COORDINATE</th>
<th>LONGITUDE OR Χ-COORDINATE</th>
<th>DISTANCE FROM GRID IN FEET, OR PROJECTION LINE IN METERS</th>
<th>N.A. 1927 - DATUM DISTANCE FROM GRID OR PROJECTION LINE IN METERS</th>
<th>DATUM CORRECTION</th>
<th>FACTOR DISTANCE FROM GRID OR PROJECTION LINE IN METERS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sunnyland's Chimney, 1934</td>
<td>1/20 RI</td>
<td>41 20 38.648</td>
<td>71 49 33.254</td>
<td>1192.3 (658.0)</td>
<td>1851.0</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Thompson, 1934</td>
<td>1/14 RI</td>
<td>41 20 43.074</td>
<td>71 49 27.949</td>
<td>1329.8 (522.2)</td>
<td>1851.0</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Trumbull, Flagpole, 1934</td>
<td>1/18 RI</td>
<td>41 19 09.240</td>
<td>71 51 23.992</td>
<td>2853.1 (1565.9)</td>
<td>1851.0</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Westerly, grey standpipe</td>
<td>1/92 RI</td>
<td>41 22 26.083</td>
<td>71 49 09.388</td>
<td>804.7 (1046.3)</td>
<td>1851.0</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Westerly, Hospital Stack, 1934</td>
<td>1/20 RI</td>
<td>41 21 43.622</td>
<td>71 49 32.782</td>
<td>1345.7 (505.3)</td>
<td>1851.0</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Westerly, Standpipe, 1934</td>
<td>1/92 RI</td>
<td>41 22 27.344</td>
<td>71 49 03.538</td>
<td>843.6 (1007.4)</td>
<td>1851.0</td>
<td></td>
<td></td>
</tr>
<tr>
<td>West Rear Range, 1944</td>
<td>1/93</td>
<td>41 21 17.962</td>
<td>71 47 18.926</td>
<td>554.1 (1296.9)</td>
<td>1851.0</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2 (USE), 1934</td>
<td>1/81</td>
<td>41 19 23.278</td>
<td>71 51 38.306</td>
<td>718.1 (1132.9)</td>
<td>1851.0</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2 (USE), 1934</td>
<td>1/277</td>
<td>41 19 6.304</td>
<td>71 50 26.319</td>
<td>194.5 (1656.5)</td>
<td>1851.0</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

1 FT. = 304.8006 METER

COMPUTED BY: J. B. McDonald DATE: 20 October 1955
CHECKED BY: J. Perrow DATE: 26 October 1955
Photogrammetric Plot Report is part of the descriptive report for survey T-11440.

31. **DELINEATION**

The Kelsh plotter was used for delineation on vinylite projection.

32. **CONTROL**

Horizontal control was adequate. Vertical control is inapplicable.

33. **SUPPLEMENTAL DATA**

Bureau Survey No. T-9085 (1948) scale 1:10,000 was used for geographic names and indications of offshore rocks. See paragraph 36.

Final Name Standard was dated 12/15/54.

34. **CONTOURS AND DRAINAGE**

Drainage is complete. Contours are inapplicable.

35. **SHORELINE AND ALONGSHORE DETAILS**

All shoreline details are from field inspection. Low water lines are based on field inspection.

Refer to paragraph 7 of the field report regarding storm damage on the outer coast.

36. **OFFSHORE DETAILS**

Several rocks shown on Survey T-9085 (1948) and not indicated by field inspection were office identified on the photographs.

Three features with geographic names could not be delineated. See paragraph 49.

37. **LANDMARKS AND AIDS**

Forms 567 were submitted for four landmarks and one aeronautical aid.
38. **CONTROL FOR FUTURE SURVEYS**

A set of 1:10,000 scale ratio prints showing points for photo-hydro control has been prepared.

Recovery Forms 524 have been submitted for one recoverable topographic station recovered and one lost.

39. **JUNCTIONS**

Junctions have been made as follows:
- To the north with T-11443
- To the east with T-114439
- To the south with T-114452
- To the west with T-114446

40. **HORIZONTAL AND VERTICAL ACCURACY**

Correction of shoreline and other details may be required along the shore of Block Island Sound (see photographs 1259 through 1261).

41. **BOUNDARIES**

The Connecticut-Rhode Island state boundary was plotted to scale from coordinates given in appendix 5 of the boundary report and transferred to the manuscript holding the position of an identified boundary monument on the bridge at Westerly and station FORT HILL, 1873.

42. **BRIDGE DATA**

The following is the comparison of the field party measurements and the bridge book:

<table>
<thead>
<tr>
<th>WINNAPAUG POND</th>
<th>Horizontal Clearance</th>
<th>Vertical Clearance</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fixed Hwy Engrs</td>
<td>50 ft.</td>
<td>9.5 MLW 6.5 MHW</td>
</tr>
<tr>
<td>Field</td>
<td>49 ft.</td>
<td>8.1 5.6</td>
</tr>
</tbody>
</table>

43 through 45. Inapplicable.

46. **COMPARISON WITH EXISTING MAPS**

USGS 7½ minute quadrangle Watch Hill, Rhode Island-Connecticut, scale, 1:31680, 1953.

Bureau Survey No. T-9085 (1948) scale 1:10,000.

47. **COMPARISON WITH NAUTICAL CHARTS**

Chart No. 1211, scale 1:80,000, published January 17, 1944, revised 4/15/57.
Chart No. 358, scale 1:20,000 published December 12, 1942, corrected to 5/11/56.

Items to be applied to nautical charts immediately: None.

Items to be carried forward: None.

Respectfully submitted
10 February 1958

Joseph W. Vonasek
Carto. (Photo.)

Approved and forwarded

William F. Deane
CDR, C&GS
Baltimore District Officer
PHOTOGRAMMETRIC OFFICE REVIEW

T. 11447

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

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 alongshore cultural features

PHYSICAL FEATURES

20. Water features ✓
21. Natural ground cover ✓
22. Planetary 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. Reviewer
Reviewer

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

43. Remarks:
49. NOTES FOR THE HYDROGRAPHER

A set of 1:10,000 scale ratio prints has been prepared showing detail points for use in locating photo-hydro signals.

Two recoverable topographic stations appear on the manuscript:

SPIRE, 1935
RADIO MAST, 1954

The following offshore features could not be identified on the photographs and have not been delineated:

Dennison Rock
Old Reef
Seal Rock

Perch Island is shown on Chart No. 358 as a highwater island, but is not visible on the photographs with approximately 2-foot stage of tide. Verify existence of the island and the application of the name.
I recommend that the following objects which have been inspected from seaward to determine their value as landmarks be charted on the charts indicated.

The positions given have been checked after listing by Henry F. Gilbert

<table>
<thead>
<tr>
<th>CHARTING NAME</th>
<th>DESCRIPTION</th>
<th>SIGNAL NAME</th>
<th>LATITUDE</th>
<th>LONGITUDE</th>
<th>METHOD OF LOCATION AND SURVEY NO.</th>
<th>DATE OF LOCATION</th>
<th>CHARTS AFFECTED</th>
</tr>
</thead>
<tbody>
<tr>
<td>TASK</td>
<td>Laton, steel, ht=105(205)</td>
<td>(A Fort Hill New Tank, 1932)</td>
<td>41° 20'</td>
<td>71° 49'</td>
<td>60° 20'</td>
<td>1927 T-1167</td>
<td>1932 x</td>
</tr>
<tr>
<td>TASK</td>
<td>Laton, steel, ht=175(112)</td>
<td>(A Farber Thread Co. Elev. Tank, 1934)</td>
<td>41° 21'</td>
<td>71° 50'</td>
<td>62° 25'</td>
<td>1935 T-1167</td>
<td>1935 x</td>
</tr>
<tr>
<td>SPIRE</td>
<td>Spire, ht=100(220)</td>
<td>(O Spire, 1935)</td>
<td>41° 21'</td>
<td>71° 35'</td>
<td>61° 24'</td>
<td>1935 T-1167</td>
<td>1935 x</td>
</tr>
<tr>
<td>RADIO</td>
<td>Spire, Skeleton Steel, ht=182(187)</td>
<td>(O Radio Mast, 1954)</td>
<td>41° 21'</td>
<td>71° 50'</td>
<td>62° 25'</td>
<td>1954 x</td>
<td>358</td>
</tr>
</tbody>
</table>

This form shall be prepared in accordance with Hydrographic Manual, pages 800 to 804. Positions of charted landmarks and nonfloating aids to navigation, if redetermined, shall be reported on this form. The data should be considered for the charts of the area and not by individual field survey sheets. Information under each column heading should be given.
I recommend that the following objects which have been inspected from seaward to determine their value as landmarks be charted on the charts indicated.

The positions given have been checked after listing by Henry P. Michart.

<table>
<thead>
<tr>
<th>STATE</th>
<th>Description</th>
<th>Signal Name</th>
<th>Latitude</th>
<th>Longitude</th>
<th>Datum</th>
<th>Method of Location and Survey No.</th>
<th>Date of Location</th>
</tr>
</thead>
</table>

This form shall be prepared in accordance with Hydrographic Manual, pages 800 to 804. Positions of charted landmarks and nonfloating aids to navigation, if redetermined, shall be reported on this form. The data should be considered for the charts of the area and not by individual field survey sheets. Information under each column heading should be given.
48. GEOGRAPHIC NAMES LIST

Anguilla Brook
Avondale
Atlantic Beach

Babcock Cove
Barn Island
Block Island Sound
Boston Post Road

Certain Draw Point
Chesebrough Pond
Clarks Village
Colonel Willie Cove
Connecticut

Doctor Lewis Pond
Duck Channel
Dunn Corner

East Beach

Foster Cove

Gavitt Point
Graves Neck
Greenhaven Shore
Greenhaven Road

Hall Cove
Hall Island
Horace Island

Jack Cove

Little Narragansett Bay
Long Pond

Major Island
Maschaug Pond
Mastuxet Brook
Mastuxet Cove
Misquamicut
Misquamicut Beach
Misquamicut Hill

New York, New Haven & Hartford R.R.
No Bottom Pond

Ocean View Highway
Old Shore Road
Osbrook Cove
Pawcatuck
*Pawcatuck Point
Pawcatuck River
Pawcatuck Rock
Perch Island
Pooter Cove
Quonochontaug Pond
Rabbit Hill
Ram Point
Rhode Island
Rhodes Point
Sassafras Island
Shore Road
South Annuilla Road
Spring Pond
Stanton Weir Point
Thompson Cove
Thompson's Corner
Watch Hill
Watch Hill Cove
Watch Hill Road
*Weekapaug
*Weekapaug Point
West Broad Street
Westerly
Westerly Airport
Widow Burdick Cove
*Winnapaug Pond
Woody Hill Reservation
Woody Hill Road

* B.G.N. Decisions

GEOGRAPHIC NAMES SECTION
5 May 1960
Review Report T-11447 & T-11452
Shoreline
April 28, 1960

62. Comparison with Registered Topographic Surveys

<table>
<thead>
<tr>
<th>Year</th>
<th>Scale</th>
<th>Date</th>
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</thead>
<tbody>
<tr>
<td>1839</td>
<td>1:10,000</td>
<td>1882-83</td>
</tr>
<tr>
<td>1886</td>
<td></td>
<td></td>
</tr>
<tr>
<td>1948</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

The new survey supercedes the above previous surveys in common area for new nautical chart construction. Survey T-9085 was carefully compared with latest photography. Where offshore rocks appeared on T-9085 and could be seen on at least two photographs, they were added during final review. The photographs were taken at .3' above MLLW.

63. Comparison with Maps of Other Agencies

USGS Watch Hill, R. I.-Conn. 1:31,680 1953

64. Comparison with Contemporary Hydrographic Surveys

None

65. Comparison with Nautical Charts

1211 1:80,000 7 Ed. Jan. 17, 1941 Revised 8/24/59

66. Adequacy of Results and Future Surveys

This survey complies with instructions and meets the National Standards of Map Accuracy.

Submitted by
A. K. Heywood

Approved
L. C. Lande, Chief
Review Section

Chief, Chart Division

Chief, Coastal Surveys Division

J. W. Vaughn, Chief
Photogrammetry Division

G. W. Mast
<table>
<thead>
<tr>
<th>DATE</th>
<th>CHART</th>
<th>CARTOGRAPHER</th>
<th>REMARKS</th>
</tr>
</thead>
<tbody>
<tr>
<td>3/27/62</td>
<td>358</td>
<td>J. P. W.</td>
<td>Before After Verification and Review</td>
</tr>
<tr>
<td>3/23/73</td>
<td>358</td>
<td>R. L. Paschol</td>
<td>Before After Verification and Review</td>
</tr>
</tbody>
</table>

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.