
Type of Survey: Shoreline
Field No.: Ph-1142
Office No.: T-11432

LOCALITY
State: Rhode Island
General locality: West Passage, Narraganset Bay
Locality: Bonnet Point

1954-56
CHIEF OF PARTY
L.F. Woodcock, Chief of Party
W.F. Deane, Salve. District Officer

LIBRARY & ARCHIVES
DATE: November 17, 1961
DATA RECORD

T -11432

Project No. (II): Ph-142

Quadrangle Name (IV):

Field Office (II): Groton, Conn.

Chief of Party: L. F. Woodcock

Photogrammetric Office (III): Baltimore, Maryland

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): Air Photographic (Keesh Plotter)

Manuscript Scale (III): 1:10,000

Stereoscopic Plotting Instrument Scale (III): 1:4000

(scale pantograph ratio 2/5)

Scale Factor (III): 1.000

Date received in Washington Office (IV): JU 3 1958

Date reported to Nautical Chart Branch (IV):

Applied to Chart No. Date:

Date registered (IV):

Publication Scale (IV):

Publication date (IV):

Geographic Datum (III): N.A. 1927

Vertical Datum (III):

Mean sea level except as follows:

Elevations shown as (25) refer to mean high water

Elevations shown as (35) refer to sounding datum

I.e., mean low water or mean lower low water

Reference Station (III): BEAVER, 1943

Lat.: 41° 27' 01.434"

Long.: 71° 23' 58.524"

Adjusted

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.
Areas contoured by various personnel

(Show name within area)

(I1) (III)
DATA RECORD

Field Inspection by (II): W. M. Reynolds
Date: Aug 1954

Planetable contouring by (II):
Date:

Completion Surveys by (II):
Date:

Mean High Water Location (III) (State date and method of location):
1 May 1956 Photogrammetric (Kelsh)

Projection and Grids ruled by (IV): Austin Riley
Date: 1 Oct. 1954

Projection and Grids checked by (IV): Austin Riley
Date: 8 Oct. 1954

Control plotted by (III): J. B. McDonald
Date: 10 Aug. 1955

Control checked by (III): J. D. Ferrow, Jr.
Date: 10 Aug. 1955

Radial Plot or Stereoscopic C. E. Cook
Date: ---

Control extension by (III):

Stereoscopic Instrument compilation (III):
Planimetry D. M. Brant
Date: 1 June 1956

Manuscript delineated by (III): C. A. Lipscomb
Date: 8 Jan. 1957

Photogrammetric Office Review by (III): J. D. McEvoy
Date: 21 June 1956

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

Form T-Page 3
PHOTOGRAPHS (III)

<table>
<thead>
<tr>
<th>Number</th>
<th>Date</th>
<th>Time</th>
<th>Scale</th>
<th>Stage of Tide</th>
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</thead>
<tbody>
<tr>
<td>54-W-992 thru 995</td>
<td>4/22/54</td>
<td>1158</td>
<td>1:20,000</td>
<td>No tidal waters</td>
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<tr>
<td>1007 thru 1010</td>
<td>&quot;</td>
<td>1206</td>
<td>&quot;</td>
<td>1.9' above MLW</td>
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<tr>
<td>1060 thru 1068</td>
<td>&quot;</td>
<td>1232</td>
<td>&quot;</td>
<td>1.5' &quot;</td>
</tr>
</tbody>
</table>

Tide (III)  
(From predicted tables)

Reference Station: Newport, R. I.
Subordinate Station: ---
Subordinate Station:
Washington Office Review by (IV): "A. C. H."  
Final Drafting by (IV):
Drafting verified for reproduction by (IV):
Proof Edit by (IV):

Land Area (Sq. Statute Miles) (III): 17
Shoreline (More than 200 meters to opposite shore) (III): 27
Shoreline (Less than 200 meters to opposite shore) (III): ---
Control Leveling - Miles (II):
Number of Triangulation Stations searched for (II): 45  
Number of BMs searched for (II): ---
Number of Recoverable Photo Stations established (III): None
Number of Temporary Photo Hydro Stations established (III): None

Remarks:

Date: Aug. 31, 1960

Form T-Page 4
SUMMARY
PROJECT PH 142
TWENTY-FOUR

This project consists of 3 3/4" x 7 1/4", 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 stereoplaniograph 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 delineation 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

Final Review was completed by April 1960.

Submitted by:

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

This shoreline sheet is located in southern Rhode Island, along the west side of West Passage of Narragansett Bay. The area is rural except for the village of Wakefield and the area immediately adjacent to the bay and ocean. These shore areas are developed extensively with summer homes and cottages.

The entire area is chiefly a summer resort.

Photography was of recent date and of good quality. No difficulty was encountered in their interpretation in the field.

Field inspection was performed in August, prior to the hurricane of 31 August 1954, and is believed complete to that date. The hurricane did extensive damage throughout the coastal area and the sheet was not reinspected.

The field inspection was completed prior to the receipt of Supplement 3 to the project instructions and was not revised to comply therewith.

No items were deliberately left for the field editor but the previously mentioned coastal area will no doubt require revision.

Field inspection was performed on the following photographs: 54-W-991 through 54-W-995; 54-W-1008 through 54-W-1012; 54-W-1058 through 54-W-1070 and nine-lens photographs 43628 and 43629.

Notes have been made in violet ink, on the photographs, of the major changes due to the hurricanes.

3. **HORIZONTAL CONTROL**

All Coast and Geodetic Survey control was searched for. All stations recovered were identified, except when they were located at closer than one-half mile intervals.

In addition to the above, a third-order traverse was run between stations KINGSTON CHURCH SPIRE 1838 and HAMMOND(USE)1912. Four control points were established in the overlap areas by this traverse.

There was no control of any other agency searched for.

The following stations were reported lost: OWEN WISTER WATER TOWER 1912; DUTCHE ISLAND FLAG 1912; CHAMPLIN(USE)1912; McSPARRAN 3 1892; MONROE(USE)1909; MONROE 3(USE); BOSTON NECK 1843; WHALE ROCK LIGHTHOUSE 1888, and TOWER HILL HOTEL 1912.
Descriptions of HECP 1943; BC6 1943 and BATTERY WHITING 1943 were not furnished the field party. Consequently, no search was made for them.

4. VERTICAL CONTROL

Vertical control consisted of the recovery of tidal bench marks in the area.

5. CONTOURS AND DRAINAGE

Contours were not a part of the work requirements for this project. Drainage is, in general, discernible on the photographs and is predominately perennial. Field inspection notes have been made where necessary to classify and develop the drainage pattern.

There is considerable swamp throughout the area. The swamp limits were applied where necessary for clarity.

6. WOODLAND COVER

Adequately covered by the field inspection photographs.

7. SHORELINE AND ALONGSHORE FEATURES

The mean high water line was inspected by walking along the beach at intervals and has been indicated on the photographs.

The area was visited at low water and where the low water line varied appreciably from the mean high water line it was indicated on nine-lens photographs 43628 and 43629.

The foreshore in most cases is steep and with little distance between the mean high and mean low water lines.

All docks, wharves, piers, etc. are adequately covered by the photographs.

The submarine cables on the published charts of the area could not be confirmed or denied. There are no cable crossing signs in evidence along the shore.

8. OFFSHORE FEATURES

Heights of several offshore rocks were determined by hand level. Their heights above the water and the time and date have been noted on the photographs.
9. LANDMARKS AND AIDS

All landmarks for nautical charts are adequately covered by Form 567 and the field inspection photographs.

All fixed aids to navigation were located previously by triangulation and had not been disturbed.

10. BOUNDARIES, MONUMENTS AND LINES

There are no state boundaries affected by this sheet.

11. OTHER CONTROL

None was established.

12. OTHER INTERIOR FEATURES

All buildings and roads have been classified in accordance with the project instructions dated 8 June 1954.

Clearances were determined for the following bridges as follows:

<table>
<thead>
<tr>
<th>Bridge</th>
<th>Hor. Clearance</th>
<th>Vert. Clearance</th>
<th>Time</th>
<th>Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Narragansett Pier</td>
<td>100.0 ft.</td>
<td>18.0 ft.</td>
<td>11:30 EDT</td>
<td>9/13/54</td>
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<tr>
<td>Middle Bridge</td>
<td>24.0 ft.</td>
<td>6.0 ft.</td>
<td>12:00 EDT</td>
<td>9/13/54</td>
</tr>
<tr>
<td>Bridgetown</td>
<td>23.2 ft.</td>
<td>7.5 ft.</td>
<td>13:15 EDT</td>
<td>9/13/54</td>
</tr>
</tbody>
</table>

The horizontal measurements check those as listed in the publication "List of Bridges Over Navigable Waters of the United States."

13. GEOGRAPHIC NAMES

See "Special Report, Geographic Names, Project Ph-142."

14. SPECIAL REPORTS AND SUPPLEMENTAL DATA

Special Report, Geographic Names, Project Ph-142, to be forwarded to Washington Office at a later date.

Letter of Transmittal No. Ph-142-3, Form 567, Fixed 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-142-12, Traverse Data, KINGSTON CHURCH SPIRE 1838 to HAMMOND (USE) 1912, to be forwarded to Division of Photogrammetry at a later date.

Letter of Transmittal No. Ph-142-13, Traverse Data, KINGSTON CHURCH SPIRE 1838 to HAMMOND (USE) 1912, to be forwarded to Division of Geodesy at a later date.

Letter of Transmittal No. Ph-142-14, Data, Map T-1143, forwarded to Washington Office OCT 25 1954

Submitted
14 September 1954

William M. Reynolds
William M. Reynolds
Cartographic Survey Aid

Approved & Forwarded
OCT 25 1954

Lorin F. Woodcock
Chief of Party
<table>
<thead>
<tr>
<th>STATION</th>
<th>SOURCE OF INFORMATION (INDEX)</th>
<th>DATUM NA</th>
<th>LATITUDE OR ( \phi )-COORDINATE</th>
<th>DISTANCE FROM GRID OR PROJECTION LINE IN METERS, OR GRID OR PROJECTION LINE IN METERS</th>
<th>N.A. 1927 - DATUM CORRECTION</th>
</tr>
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<tbody>
<tr>
<td>Barbers Heights, 1868</td>
<td>1/134 500/3</td>
<td>1927</td>
<td>41-31-44 329</td>
<td>1367.6 (483.4)</td>
<td>1851.0 Off Sheet</td>
</tr>
<tr>
<td>Beaver, 1943</td>
<td>1/191 501/11</td>
<td></td>
<td>41-27-01 434</td>
<td>44.2 (1806.8)</td>
<td>1851.0</td>
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<tr>
<td>Beaver Tail, 1940</td>
<td>1/39 501/11</td>
<td>1927</td>
<td>41-27-01 508</td>
<td>46.5 (1804.5)</td>
<td>1851.0</td>
</tr>
<tr>
<td>Beaver Tail Lighthouse, 1869</td>
<td>1/140 501/1</td>
<td>1927</td>
<td>41-26-57 346</td>
<td>1769.1 (81.9)</td>
<td>1851.0 Pricked direct</td>
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<tr>
<td>Boulder (USB) 1909</td>
<td>1/134 500/2</td>
<td>1927</td>
<td>41-31-28 793</td>
<td>888.3 (962.7)</td>
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<td>Brown (USB) 1912</td>
<td>1/135 500/2</td>
<td>1927</td>
<td>41-31-49 521</td>
<td>1527.8 (322.2)</td>
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<td>Browning's House Chimney, 1868</td>
<td>1/145 500/3</td>
<td>1927</td>
<td>41-32-00 27</td>
<td>8.3 (1842.7)</td>
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<tr>
<td>Carr, 1940</td>
<td>1/39 501/10</td>
<td>1927</td>
<td>41-31-16 666</td>
<td>514.2 (1336.8)</td>
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<td>Dutch Island Lighthouse, 1868</td>
<td>1/40 501/5</td>
<td>1927</td>
<td>41-29-47 777</td>
<td>1474.0 (377.0)</td>
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<td>Fort Varnum, 1943</td>
<td>1/79 500/15</td>
<td>1927</td>
<td>41-26-48 355</td>
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<td>1851.0</td>
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<tr>
<td>S.S. Fort Varnum, 1943</td>
<td></td>
<td>1927</td>
<td>41-26 157 954</td>
<td>1345.3 (47.5)</td>
<td>1392.8</td>
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<td>Green (USB), 1909</td>
<td>1/134 500/3</td>
<td>1927</td>
<td>41-32-25 707</td>
<td>793.1 (1057.9)</td>
<td>1851.0 Off Sheet</td>
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1 FT = 0.3048006 METER

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<tr>
<th>STATION</th>
<th>SOURCE OF INFORMATION (INDEX)</th>
<th>DATUM</th>
<th>LATITUDE OR y-COORDINATE</th>
<th>LONGITUDE OR x-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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<tbody>
<tr>
<td>Jamestown Bridge West Beacon</td>
<td>1943</td>
<td>1/91</td>
<td>41°31′37.657</td>
<td>71°23′58.160</td>
<td>1161.8 (689.2)</td>
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<td>Jamestown Bridge West Navigation Light, 1943</td>
<td>1943</td>
<td>1/91</td>
<td>41°31′37.432</td>
<td>71°23′58.213</td>
<td>1154.8 (696.2)</td>
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<tr>
<td>Johnson (USE), 1909</td>
<td>1/136</td>
<td>500/2</td>
<td>41°29′42.137</td>
<td>71°26′18.930</td>
<td>1300.0 (551.0)</td>
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<td>Meeting House Hill 2, 1869</td>
<td>1/134</td>
<td>499/11</td>
<td>41°26′42.632</td>
<td>71°28′33.703</td>
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<td>Net, 1912</td>
<td>1/138</td>
<td>846/1</td>
<td>41°27′45.651</td>
<td>71°23′59.760</td>
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<td>Mitchell, (USE), 1909</td>
<td>1/136</td>
<td>500/2</td>
<td>41°29′21.131</td>
<td>71°26′52.124</td>
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<tr>
<td>Narragansett Church, 1912</td>
<td>1/139</td>
<td>500/2</td>
<td>41°23′33.045</td>
<td>71°25′33.569</td>
<td>1019.5 (831.5)</td>
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<tr>
<td>Narrow River East (USE), 1909</td>
<td>1/39</td>
<td>500/1</td>
<td>41°26′27.338</td>
<td>71°26′21.802</td>
<td>863.4 (1007.6)</td>
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<td>S.S. Narrow River East (USE), 1909</td>
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<td>41°26′</td>
<td>71°26′</td>
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<td>Picture Point No 1 (KH Trav.), 1954</td>
<td>Field Comp.</td>
<td>1927</td>
<td>Y 149-776</td>
<td>X 511-265</td>
<td>(4776) (224)</td>
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<td>Picture Point No 2 (KH Trav.), 1954</td>
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<td>Plum Beach Lighthouse, 1897</td>
<td>1/94</td>
<td>500/2</td>
<td>41°31′48.609</td>
<td>71°24′20.592</td>
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<tr>
<td>STATION</td>
<td>SOURCE OF INFORMATION (INDEX)</td>
<td>DATUM</td>
<td>LATITUDE OR Y-COORDINATE</td>
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<td>FACTOR DISTANCE FROM GRID OR PROJECTION LINE IN METERS</td>
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<td>Railroad (USE), 1912</td>
<td>1/134</td>
<td>1927</td>
<td>41-32-33-341</td>
<td>71-25-45-250</td>
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<tr>
<td></td>
<td>500/3</td>
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<td>Updike (USE), 1909</td>
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<td>1927</td>
<td>41-27-16-417</td>
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<tr>
<td>Wakefield Church,</td>
<td>1/126</td>
<td>1927</td>
<td>41-26-25-03</td>
<td>71-29-51-07</td>
<td>990.6 (402.0)</td>
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<td>Greyspire, 1869</td>
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<td>772.2 (1078.8)</td>
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<td>Whale Rock Beacon, 1940</td>
<td>1/40</td>
<td>1927</td>
<td>41-26-39-592</td>
<td>71-25-27-045</td>
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<td>Windmill, 1912</td>
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<td>1927</td>
<td>41-27-17-81</td>
<td>71-25-56-06</td>
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<td>Indian Run, 1954</td>
<td>Field Comp. RI. T.M. 1927</td>
<td></td>
<td>Y 148-730.97</td>
<td>X 504-729.99</td>
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<td>1675 (3325)</td>
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</tbody>
</table>
Photogrammetric Plot Report:
Models were held to horizontal control points and pass points from Washington Office (Stereoplanigraph) bridging.

31. Delineation

The Kelsh plotter was used for delineation on vinylite projection. The final manuscript was prepared in two parts by standard scribing methods.

Field inspection was good.

Photographs taken in 1956 showing extent of hurricane damage have been received and changes have been made graphically. (56-W-146, 56-W-187 thru 190, 56-W-195 thru 197).

32. Control

Horizontal control was adequate. Vertical control is inapplicable.

33. Supplemental Data

None.

34. Contours and Drainage

Drainage is complete. Contours are inapplicable.

35. Shoreline and Alongshore Details

All shoreline details are from field inspection which was thorough. Photographs taken in 1956 were used for comparison and changes have been made.

Low water lines are based on field inspection from nine-lens photographs 43628 and 43629.

36. Offshore Details

Notes to hydrographer were submitted 3/30/56.

37. Landmarks and Aids

Forms 567 have been submitted for three aids to navigation and three landmarks.
38. **CONTROL FOR FUTURE SURVEYS**
   No topographic stations have been established.

39. **JUNCTIONS**
   Junctions have been made as follows:
   - To the south with T-11438.
   - To the east with T-11433.

40. **HORIZONTAL AND VERTICAL ACCURACY**
   No comment necessary.

41 through 45
   Inapplicable.

46. **COMPARISON WITH EXISTING MAPS**

47. **COMPARISON WITH NAUTICAL CHARTS**
   Chart No. 236, scale 1:20,000, published January 1953. Rev. 8/31/53.
   Items to be applied to Nautical Charts immediately: None.
   Items to be carried forward: None.

Respectfully submitted
18 December 1957

Joseph D. McEvoy
Carto. (Photo.)

Approved and forwarded

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

T-11432


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

ALONGSHORE AREAS
(Nautical Chart Data)

PHYSICAL FEATURES

CULTURAL FEATURES

BOUNDARIES
31. Boundary lines 32. Public land lines

MISCELLANEOUS
40. Reviewer

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:
TO BE CHARTED

I recommend that the following objects which have (have not) been inspected from seaward to determine their value as landmarks be charted on (not charted) the charts indicated.

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

<table>
<thead>
<tr>
<th>STATE</th>
<th>RHODE ISLAND</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHARTING NAME</td>
<td>DESCRIPTION</td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td>SPIKE</td>
<td>ht = LH(108)</td>
</tr>
<tr>
<td></td>
<td>( △ Harragansett Church, 1912)</td>
</tr>
<tr>
<td>TOWER</td>
<td>U. S. Navy, radar, ht= 80(155)</td>
</tr>
<tr>
<td></td>
<td>(TALLEST OF FIVE) (△ Tower, 1954)</td>
</tr>
<tr>
<td>TOWER</td>
<td>U. S. Navy, radar, ht= 90(135)</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 of hydrographic chart shall be recorded on this form. The data should be considered final upon return of this form and not for
I recommend that the following objects which have (have not) been inspected from seaward to determine their value as landmarks be charted on (deleted from) the charts indicated.

The positions given have been checked after listing by

Henry P. Eichert

E. H. Kirsch

Chief of Party.

<table>
<thead>
<tr>
<th>STATE</th>
<th>RHODE ISLAND</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>
<th>HARBOR CHART</th>
<th>BIGHT CHART</th>
<th>OPERATIVE CHART</th>
<th>CHARTS AFFECTED</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>Beavertail Light (△ Beavertail Lighthouse, 1869)</td>
<td></td>
<td>41 26</td>
<td>57.346</td>
<td>0 1</td>
<td>1169.1</td>
<td>1927 T-11132</td>
<td>X</td>
<td>X</td>
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<td>236,353</td>
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<tr>
<td></td>
<td></td>
<td>Dutch, Island Light (△ Dutch Island Lighthouse, 1868)</td>
<td></td>
<td>41 29</td>
<td>47.7777</td>
<td>0 1</td>
<td>1171.0</td>
<td>1868</td>
<td>X</td>
<td>X</td>
<td></td>
<td>1210</td>
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<tr>
<td></td>
<td></td>
<td>Whale Rock Light (△ Whale Rock Beacon, 1940)</td>
<td></td>
<td>41 26</td>
<td>392.592</td>
<td>0 1</td>
<td>1221.4</td>
<td>1940</td>
<td>X</td>
<td>X</td>
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<td>2</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 the final accurate data on the spot and may be

March 20, 1956

Baltimore, Maryland
GEOGRAPHIC NAME LIST

Austin Hollow

Bass Rock
Beaverhead
Beaver Neck
Beavertail Point
Beavertail Road
Bonnet Point
Bonnet Shores
Bonnet Shores Beach
Boston Neck
Boston Neck Road
Bridgetown
Broad Rock Road

Camp Saugatuckett
Clump Rocks
Cormorant Point
Cormorant Rock
Connicut Island
Crooked Brook

Dutch Island
Dutch Island Harbor

East Passage

Fox Hill
Fox Hill Pond

Gooseberry Island

Hull Cove

Indian Lake
Indian Lake Shores
Indian Run
Indian Run Reservoir

Jamestown

Lion Head
Little Neck
Little Neck Point
Little Neck Pond

Mackerel Cove
McSparran Hill
Mooresfield
Mooresfield Road
GEOGRAPHIC NAME LIST (cont’d)

Narragansett Beach
Narragansett Bay
Newton Rock

Partridge Beach
Peace Dale
Pettaquamscutt Cove
Pettaquamscutt Lake Shores
Pettaquamscutt River
Pettaquamscutt Rock

River Rock
Rose Hill
Rose Hill Road

Saugatuckett Pond
Saugatuckett River
Saugatuckett Road
Sedge Beds
Sheffield Cove
Short Point
South Ferry
South Ferry Road
Southwest Point

The Narrows
The Bonnet
Thule Cove
Tower Hill
Tower Hill Road

Wakefield
Watson Pier
Wesquage Pond
West Passage
Whale Rock

[Signature]

GEOGRAPHIC NAMES SECTION
8 SEPTEMBER 1960
62. **Comparison With Registered Topographic Surveys**

<table>
<thead>
<tr>
<th>Survey Number</th>
<th>Scale</th>
<th>Date</th>
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</thead>
<tbody>
<tr>
<td>182</td>
<td>1:10,000</td>
<td>1844</td>
</tr>
<tr>
<td>92</td>
<td>1:10,000</td>
<td>1839</td>
</tr>
<tr>
<td>1118</td>
<td>1:10,000</td>
<td>1869</td>
</tr>
<tr>
<td>1119</td>
<td>1:10,000</td>
<td>1869</td>
</tr>
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<td>3693</td>
<td>1:10,000</td>
<td>1917</td>
</tr>
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<td>H-3403</td>
<td>1:10,000</td>
<td>1912</td>
</tr>
<tr>
<td>5751</td>
<td>1:20,000</td>
<td>1944</td>
</tr>
</tbody>
</table>

The new survey supersedes those listed above in common areas for nautical chart construction.

63. **Comparison With Maps of Other Agencies**


64. **Comparison With Contemporary Hydrographic Surveys**

Comparison was made with unverified smooth sheet H-8367 and a very small portion of verified smooth sheet H-8315.

The two surveys, shoreline and hydrographic, are in good agreement except for the positions of several dolphins in the vicinity of Dutch Island Harbor Lat. 41°29'45" and Long. 71°23'05". Dolphins as shown were taken from field inspection photograph 54W 1068.

65. **Comparison With Nautical Charts**

A line of dolphins running SE in the vicinity of South Ferry shown on Chart 236 do not appear on either the contemporary hydrographic sheet nor on the shoreline survey.

The shoreline and offshore detail at Lat. 41°29' and Long. 75°25'15" was eroded or damaged during a hurricane of August 31, 1954. The shoreline survey was revised using 1956 photographs and reflects these changes.

The chart shows the area off Comorant Pt. as replete with tiny islets. These islets are enclosed by ledge line on both the hydrographic survey and shoreline survey.
A rock crib offshore 150 miles from Fox Hill cannot be seen on any of the photography (1.2' above MLW) nor was it detailed during hydrographic surveying.

Many shoreline buildings are shown on the nautical chart. These buildings are not delineated on the shoreline survey in compliance with Photogrammetric Instructions #54 issued January 2, 1958.

Adequacy of Results and Future Surveys

The marginal format was revised during the compilation of this project. This shoreline survey had been completed at that time consequently does not reflect the revision.

With the addition of hydrographic detail this survey will be complete in all areas and complies with National Standards of Map Accuracy.

Submitted by

A. K. Heywood

APPROVED:

LaPage
Chief, Review & Drafting Sec.
Photogrammetry Division

F. Waugh
Chief, Nautical Chart Division

L. J. Woodcock
Acting Chief, Photogrammetry Division

F. B. Mast
Chief, Coastal Surveys Division

Asst. Chief, Operations Division.
## NAUTICAL CHARTS BRANCH

**SURVEY NO. T-11432**

**Record of Application to Charts**

<table>
<thead>
<tr>
<th>DATE</th>
<th>CHART</th>
<th>CARTOGRAPHER</th>
<th>REMARKS</th>
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<tbody>
<tr>
<td></td>
<td></td>
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<td>Before</td>
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<td>Verification and Review</td>
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</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.