

# 11432

Diag. Cht. No. 1210-2.

Form 504

U. S. DEPARTMENT OF COMMERCE  
COAST AND GEODETIC SURVEY

## DESCRIPTIVE REPORT

Type of Survey Shoreline

Field No. Ph-142 Office No. T-11432

### LOCALITY

State Rhode Island

General locality West Passage, Narragansett  
Bay

Locality Bonnet Point

1954-56

### CHIEF OF PARTY

L.F. Woodcock, Chief of Party

W.F. Deane, Balte. District Officer

### LIBRARY & ARCHIVES

DATE November 17, 1961

USCOMM-DC 5087

# 11432

# 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 (Kelsh Plotter)

Manuscript Scale (III): 1:10,000

Stereoscopic Plotting Instrument Scale (III): 1:4000  
(pantograph ratio 2/5)

Scale Factor (III): 1.000

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

Date reported to Nautical Chart Branch (IV):

Applied to Chart No.

Date:

Date registered (IV):

Sept 1960

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 (5) 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' 58.544"

Adjusted  
Unclassified

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.


SHORELINE

Areas contoured by various personnel  
 (Show name within area)  
 (II) (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. Perrow, Jr.

Date: 10 Aug. 1955

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

Date: ---

Planimetry D. M. Brant  
Stereoscopic Instrument compilation (III):

Date: 1 June 1956

~~Contours~~

Date:

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: -----

Camera (kind or source) (III):

		PHOTOGRAPHS (III)			
Number	Date	Time	Scale	Stage of Tide	
54-W-992 thru 995	4/22/54	1158	1:20,000	No tidal waters	
1007 thru 1010	"	1206	"	1.9' above MLW	
1060 thru 1068	"	1232	"	1.5' " "	

Tide (III)  
(From predicted tables)

Reference Station: Newport, R. I.

Subordinate Station: ---

Subordinate Station:

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): 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

Recovered: 32

Identified: 21

Number of BMs searched for (II):

Recovered:

Identified:

Number of Recoverable Photo Stations established (III):

None

Number of Temporary Photo Hydro Stations established (III):

None

Remarks:

Ratio of Ranges	Mean Range	Spring Range
-	3.5'	4.4'

Date: Aug. 31, 1960

Date:

Date:

Date:

SUMMARY  
PROJECT PH 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-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.

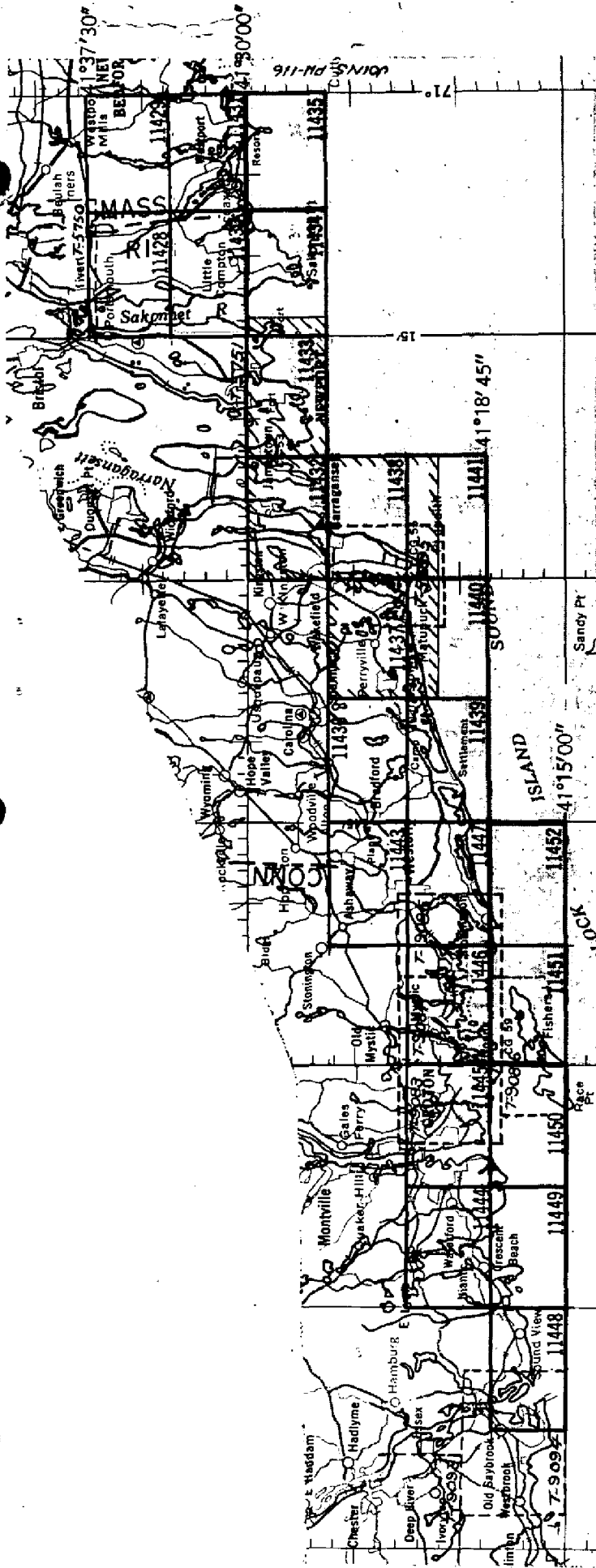
Control was extended by stereoplanigraph and multiplex methods. Compilation was accomplished by Kelsh.

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 delineation are the map limits".

# SHORELINE MAPPING PROJECT PH-142

Block Island Sd., R.I. to Connecticut River, Conn.



OFFICIAL MILEAGE FOR COST ACCOUNTS				72°		71°	
LIN. MI.				72° 22' 30"		71° 41' 18' 45"	
SHORELINE				72° 22' 30"		71° 41' 18' 45"	
SQ. MILES				72° 22' 30"		71° 41' 18' 45"	
SHEET NO.				72° 22' 30"		71° 41' 18' 45"	
11428	12	23	28	11447	22	11435	22
11429	10	26	30	11448	8	11434	8
11430	10	24	20	11449	4	11433	4
11431	10	22	8	11450	3	11432	3
11432	35	22	14	11451	3	11431	3
11433	27	17	4	11452	1	11430	1
11434	26	7					
11435	17	8					
11436	4	1					
11437	10	16					
11438	22	25					
11439	11	9					
11440	25	13					
11441	8	2					
11442	3	1					
11443	8	9					
11444	35	25					
11445	43	24					
11446	40	15					
TOTALS				450		308	

Indicates shoreline revision  
Topographic revision

- 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:

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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; DUTCH 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 HECF 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:

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

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.

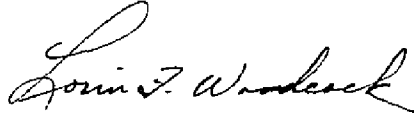
Letter of Transmittal No. Ph-142-14, Data, Map T-11432, forwarded to Washington Office **OCT 25 1954**

Submitted  
14 September 1954

*William M. Reynolds*  
William M. Reynolds  
Cartographic Survey Aid

Approved & Forwarded

**OCT 25 1954**



Lorin F. Woodcock  
Chief of Party

MAP T. 11432 PROJECT NO. Ph-142 SCALE OF MAP 1:10,000 SCALE FACTOR

STATION	SOURCE OF INFORMATION (INDEX)	DATUM	LATITUDE OR $\nu$ -COORDINATE LONGITUDE OR $x$ -COORDINATE	DISTANCE FROM GRID IN FEET, OR PROJECTION LINE IN METERS FORWARD (BACK)	DATUM CORRECTION	N.A. 1927 - DATUM DISTANCE FROM GRID OR PROJECTION LINE IN METERS FORWARD (BACK)	FACTOR DISTANCE FROM GRID OR PROJECTION LINE IN METERS FORWARD (BACK)
Barbers Heights, 1868	1/134 500/3	1927	41-31-44.329 71-25-28.224	1367.6 (483.4) 654.3 (736.7)	1851.0 1391.0	Off Sheet	
Beaver, 1943	1/79 501/11		41-27-01.434 71-23-58.544	44.2 (1806.8) 1358.9 (933.8)	1851.0 1392.7		
Beaver Tail, 1940	1/39 501/11	1927	41-27-01.508 71-23-57.370	46.5 (1804.5) 1331.7 (61.0)	1851.0 1392.7		
Beaver Tail Lighthouse, 1869	1/40 501/1	1927	41-26-57.346 71-23-59.690	1769.1 (81.9) 1385.5 (7.2)	1851.0 1392.7	Pricked direct	
Boulder (USE) 1909	1/134 500/2	1927	41-31-28.793 71-25-21.262	888.3 (962.7) 493.0 (898.1)	1851.0 1391.1	Pricked direct	
Brown (USE) 1912	1/135 500/2	1927	41-31-49.521 71-25-55.423	1527.8 (322.2) 1284.9 (106.1)	1851.0 1391.0	Off Sheet	
Browning's House Chimney, 1868	1/145 500/3	1927	41-32-00.27 71-25-49.65	8.3 (1842.7) 1151.0 (239.9)	1851.0 1390.9	Pricked direct	
Carr, 1940	1/39 501/10	1927	41-31-16.666 71-23-00.560	514.2 (1336.8) 13.0 (1378.2)	1851.0 1391.2	Pricked direct	
Dutch Island Lighthouse, 1868	1/40 501/5	1927	41-29-47.777 71-24-17.321	1474.0 (377.0) 401.8 (989.9)	1851.0 1391.7	Off Sheet	
Fort Varnum, 1943	1/79 500/15	1927	41-26-48.355 71-25-57.954	1491.8 (359.2) 1345.3 (47.5)	1851.0 1392.8	Pricked Direct	
S.S. Fort Varnum, 1943		1927	41-26 71-25	1494.7 (356.3) 1338.7 (54.1)	1851.0 1392.8		
Green (USE), 1909	1/134 500/3	1927	41-32-25.707 71-26-24.692	793.1 (1057.9) 572.3 (818.5)	1851.0 1390.8	Off Sheet	

1 FT. = 3048006 METER

COMPUTED BY: J. B. McDonald

DATE 21 July 1955

CHECKED BY: Morton Keller

DATE 21 July 1955

MAP T. 11432 PROJECT NO. Ph-142 SCALE OF MAP 10:10,000 SCALE FACTOR

STATION	SOURCE OF INFORMATION (INDEX)	DATUM	LATITUDE OR $\psi$ -COORDINATE LONGITUDE OR $\chi$ -COORDINATE	DISTANCE FROM GRID IN FEET, OR PROJECTION LINE IN METERS FORWARD (BACK)	DATUM CORRECTION	N.A. 1927 - DATUM DISTANCE FROM GRID OR PROJECTION LINE IN METERS FORWARD (BACK)	FACTOR DISTANCE FROM GRID OR PROJECTION LINE IN METERS FORWARD (BACK)
S.S. Green (USE) 1909		1927	41-32	793.3 (1057.7)	1851.0	Off Sheet	
Hamilton Power Station Chimney, 1912	1/95 500/3	1927	71-26 41-33-04.223	561.2 (829.6)	1390.8	Off Sheet	
Hammond (USE) 1912	1/134 500/2	1927	71-26-25.248	130.3 (1720.7)	1850.1	Off Sheet	
Hazard (USE) 1912	1/135 500/2	1927	41-30-53.896 71-27-14.679	585.1 (805.5)	1390.6	Off Sheet	
Hill, 1897	1/39 501/1-10-9	1927	41-31-24.658 71-25-35.912	1662.7 (188.3)	1851.0	Off Sheet	
S.S. Hill, 1897		1927	71-23-37.056	340.4 (1050.9)	1391.3	Off Sheet	
S.S. Hull, E3, 1940		1927	41-28	760.7 (1090.3)	1851.0	Off Sheet	
Hull, E3, 1940	1/44 501/11-9-4	1927	71-23	832.7 (558.8)	1391.5	Off Sheet	
S.S. KH-09 1954	Field Comp.	1927	41-27	1572.0 (279.0)	1851.0	Off Sheet	
S.S. KH-12 1954	Field Comp.	1927	71-23	859.7 (532.4)	1392.1	Off Sheet	
Jamestown Bridge East Beacon 1943	1/91 501/10	1927	41-28 71-23	1548.6 (302.4)	1851.0	Off Sheet	
Jamestown Bridge East Navigation Light, 1943	1/91 501/10	1927	71-23-49.908	840.2 (551.9)	1392.1	Off Sheet	
			41-31-36.411	1688.0 (163.0)	1851.0	Off Sheet	
			71-23-49.908	70.9 (1321.8)	1392.7	Off Sheet	
			41-31-36.190	1724.1 (126.9)	1851.0	Off Sheet	
			71-23-49.971	63.5 (1329.2)	1392.7	Off Sheet	
			Y 145-792.66	(793) (4207)	5,000	Off Sheet	
			X 499-973.27	(4973) (27)	5,000	Off Sheet	
			Y 150-318	(318) (4682)	5,000	Off Sheet	
			X 502-388	(2388) (2612)	5,000	Off Sheet	
			41-31-36.411	1123.3 (727.7)	1851.0	Off Sheet	
			71-23-49.908	1157.1 (234.3)	1391.4	Off Sheet	
			41-31-36.190	1116.5 (734.5)	1851.0	Off Sheet	
			71-23-49.971	1158.5 (232.9)	1391.4	Off Sheet	

1 FT. = 3048006 METER

COMPUTED BY:

DATE

CHECKED BY:

DATE



MAP T-11432

PROJECT NO. Ph-142

SCALE OF MAP 1:10,000

SCALE FACTOR

STATION	SOURCE OF INFORMATION (INDEX)	DATUM	LATITUDE OR $\psi$ -COORDINATE LONGITUDE OR $\chi$ -COORDINATE	DISTANCE FROM GRID IN FEET. OR PROJECTION LINE IN METERS		DATUM CORRECTION	N.A. 1927 - DATUM DISTANCE FROM GRID OR PROJECTION LINE IN METERS		FACTOR DISTANCE FROM GRID OR PROJECTION LINE IN METERS
				FORWARD	(BACK)		FORWARD	(BACK)	
Jamestown Bridge West Beacon 1943	1/91 501/10	1927	41-31-37.657 71-23-58.160	1161.8	(689.2)	1851.0	Off Sheet		
				1348.4	(43.0)	1391.4			
Jamestown Bridge West Navigation Light, 1943	1/91 501/10	1927	41-31-37.432 71-23-58.213	1154.8	(696.2)	1851.0	Off Sheet		
				1349.6	(41.8)	1391.4			
Johnson (USE), 1909	1/136 500/2	1927	41-29-42.137 71-26-18.930	1300.0	(551.0)	1851.0	Pricked direct		
				439.1	(952.6)	1391.7			
Meeting House Hill 2, 1869	1/134 499/11	1927	41-26-42.632 71-28-33.703	1315.2	(535.8)	1851.0	Pricked direct		
				782.4	(610.4)	1392.8			
Net, 1912	1/138 846/1	1927	41-27-45.651 71-23-59.760	1408.3	(442.7)	1851.0	Pricked direct		
				1386.9	(5.6)	1392.5			
Mitchell, (USE), 1909	1/136 500/2	1927	41-29-21.131 71-26-52.124	651.9	(1191.1)	1851.0			
				1209.2	(182.7)	1391.9			
Narragansett Church 1912	1/139 500/2	1927	41-29-33.045 71-25-33.569	1019.5	(831.5)	1851.0	Pricked direct		
				778.7	(613.1)	1391.8			
Narrow River East (USE), 1909	1/39 500/1	1927	41-26-27.338 71-26-21.802	843.4	(1007.6)	1851.0			
				506.1	(887.2)	1393.3			
S.S. Narrow River East (USE), 1909		1927	41-26 71-26	868.4	(982.6)	1851.0			
				505.1	(888.2)	1393.3			
Picture Point No 1 (KH Trav.), 1954	Field Comp. 1954	1927	Y 149-776 X 511-365	(4776)	(224)	5000	Not marked		
				(1356)	(3644)	5000			
Picture Point No 2 (KH Trav.), 1954	Field Comp. 1954	1927	Y 155-236 X 510-863	(236)	(4764)	5000	Not marked		
				(863)	(4137)	5000			
Plum Beach Lighthouse, 1897	1/94 500/3	1927	41-31-48.609 71-24-20.592	1499.6	(351.4)	1851.0	Pricked direct		
				477.4	(913.6)	1391.0	Off Sheet		

-13-

1 FT. = 3048006 METER

COMPUTED BY: J. B. McDonald

DATE 21 July 1955

CHECKED BY: Morton Keller

DATE 21 July 1955

M-2388-12



1 FT. = 3048006 METER	DATE 21 July 1955	CHECKED BY Morton Keller	DATE 21 July 1955
COMPUTED BY J. B. McDonald			



COMPILATION REPORT  
Project Ph-142  
T-11432

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 <sup>\*</sup>two parts by standard scribing methods.

Field inspection was good.

*\* RANDED TO ONE MANUSCRIPT DURING  
FINAL REVIEW AKA*

Photographs taken in <sup>\*</sup>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).

*\* THIS SHOULD NOT HAVE BEEN DONE. SHEET IS  
CERTIFIED AS OF DATE OF FIELD INSPECTION SINCE  
NO EDIT IS PLANNED. AKA*

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

U.S.G.S. 7½ Min. quadrangle Narragansett Pier R. I., scale 1:31,680, 1944.

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*  
Joseph D. McEvoy  
Carto. (Photo.)

Approved and forwarded

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

## PHOTOGRAMMETRIC OFFICE REVIEW

T-11432

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 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 D McCarry Henry P. Eicher  
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:





## NONFLOATING AIDS OR LANDMARKS FOR CHARTS

TO BE CHARTED

**STRIKE OUT ONE**

**Baltimore, Maryland**

March 20, 1956

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

The positions given have been checked after listing by

**Henry P. Elchert**

**F. H. Kirsch**

Chief of Party.

[illegible]

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 recomputed on this form. The data should be considered correct if the same are not by

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  
Conanicut 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

v

*George M. Bace*  
GEOGRAPHIC NAMES SECTION  
8 SEPTEMBER 1960

REVIEW REPORT T-11432  
SHORELINE  
August 31, 1960

62. Comparison With Registered Topographic Surveys

182	1:10,000	1844
92	1:10,000	1839
1118	1:10,000	1869
1119	1:10,000	1869
3693	1:10,000	1917
H-3403	1:10,000	1912
5751	1:20,000	1944

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

63. Comparison With Maps of Other Agencies

U.S.G.S. 7½ min. quadrangle Narragansett Pier, R. I., scale 1:31,680, published 1944.

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 <sup>MS7705</sup> ~~miles~~ from Fox Hill cannot be seen on any of the photography (1.2' above MLW) nor was it detailed during hydrographic surveying.

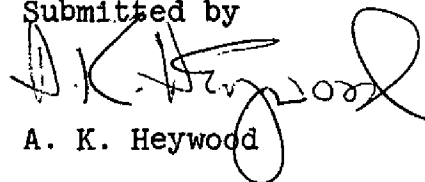
Many shoreline buildings are shown on the nautical chart. These buildings are not delineated on the shoreline survey in compliance with Photogrammetric Instructions #54 issued January 2, 1958.

#### 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.

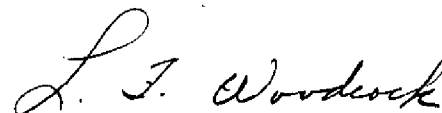
Submitted by


  
A. K. Heywood

APPROVED:

  
Chief, Review & Drafting Sec.  
Photogrammetry Division

 11/28/61  
Chief, Nautical Chart ~~Branch~~  
~~Chart~~ Division

  
Asst. ~~Acting~~ Chief, Photogrammetry  
Division

  
Chief, Coastal Surveys Division  
Asst. Chief, Operations Division

## NAUTICAL CHARTS BRANCH

SURVEY NO. T-11432

## 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.