5095

5095

Diag. Cht. No. 1210-2 & 1211-2

Form 504

U. S. COAST AND GEODETIC SURVEY

DEPARTMENT OF COMMERCE

DESCRIPTIVE REPORT

Type of Survey SHORELINE

Field No Ph-31B(48) *Office No.* T-5095

LOCALITY

State RHODE ISLAND

General locality BLOCK ISLAND SOUND

Locality JUDITH POINT

194 9

CHIEF OF PARTY
E.R.McCarthy,Chief of Field Party
L.J.Reed,Washington, D.C. Officee

LIBRARY & ARCHIVES

DATE March 18, 1954

B-1870-1 (1)

DATA RECORD

T-5095

Project No. (II): Ph-31B(48) Quadrangle Name (IV): Point Judith

Field Office (II): Washington, North Carolina Chief of Party: E. R. McCarthy

Photogrammetric Office (III): Washington, D.C. Officer-in-Charge: Louis J. Reed, Chief, Stereoscopic Mapping Section

Instructions dated (II) (III): 9 April 48

Copy filed in Division of Photogrammetry (IV)
Office Files

Method of Compilation (III): Stereoplanigraph

Manuscript Scale (III): 1:10,000 Stereoscopic Plotting Instrument Scale (III): 1:15,000

Scale Factor (III): 3:2

Date received in Washington Office (IV): 11-9-49 Date reported to Nautical Chart Branch (IV): 11-15-49

Applied to Chart No. Date: Date registered (IV): 9 Sept 1953

Publication Scale (IV):

Publication date (IV): (Date of issue July 1952)

Geographic Datum (III): NA 1927

Vertical Datum (III): ~~Metw~~

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): POINT JUDITH (USE), 1940 (dm)

Lat.: 41-22-17.900 Long.: 71-29-22.943 Adjusted XXXXXXXX

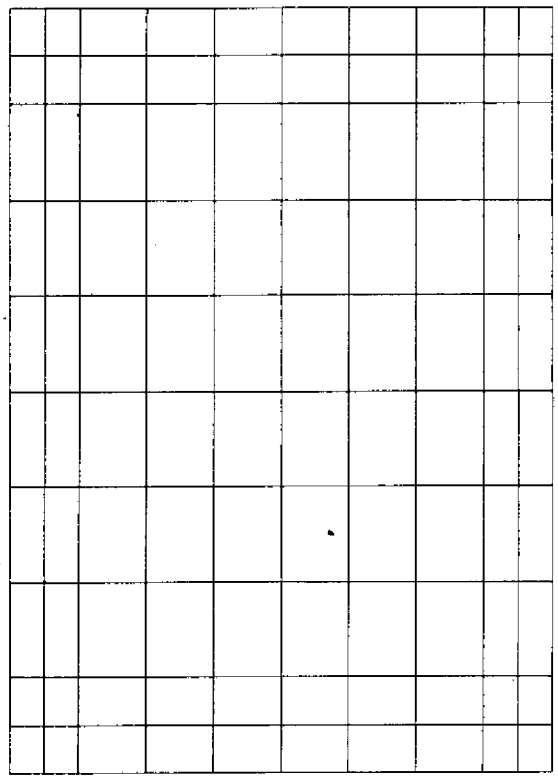
Plane Coordinates (IV): State: R.I. Zone:

Y= 105 046.00 X= 502 825.42

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.

M-2618-12(4)



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

Not applicable

~~100%~~

~~by~~

~~Michael G. Misuria~~

~~on~~

~~Stereoplanigraph~~

DATA RECORD

Field Inspection by (II): R. A. Horn Date: 12 May 1949

Planetable contouring by (II): None Date:

Completion Surveys by (II): None Date:

Mean High Water Location (III) (State date and method of location): ENR
~~1. Graphic Control Survey, 1948, Partial~~
2. Field Inspection, 1949 on photographs taken 2 May 1948
~~3. Stereoplanigraph delineation, 1949, short distance around~~
~~Potter Pond.~~ ENR

Projection and Grids ruled by (IV): Ruling Machine Date: 16 August 1948

Projection and Grids checked by (IV): Wheatley E. Ward Date: 16 August 1948

Control plotted by (III): Michael G. Misulia Date: 5 July 1949

Control checked by (III): John B. McDonald Date: 7 July 1949

Radial Plot or Stereoscopic Control extension by (III): Stereoplanigraph Date: 30 August 1949

Stereoscopic Instrument compilation (III): Planimetry Michael G. Misulia Date: 30 August 1949

~~Contours~~ Date:

Manuscript delineated by (III): Compilation John B. McDonald Date: 1 November 1949

Photogrammetric Office Review by (III): Louis J. Reed Date: 10 November 1949

Elevations on Manuscript checked by (II) (III): Louis J. Reed Date: 10 November 1949

M-2618-12(4)

Camera (kind or source) (III): USC&GS 6" Wide-angle (J)

PHOTOGRAPHS (III)

Number	Date	Time	Scale	Stage of Tide
886-888 893-903	2 May 48	13:48 14:02	about 1:24,000	2.6' above MLW

Tide (III)

Ratio of Ranges	Mean Range	Spring Range	
1.0	3.5	4.4	EHR
1.0	3.5	4.4	
0.9	3.1	3.9	

Reference Station: Newport, Rhode Island
Subordinate Station: Narragansett Pier
Subordinate Station: Point Judith

Washington Office Review by (IV): Everett H. Ramey Date: 2 May 1951

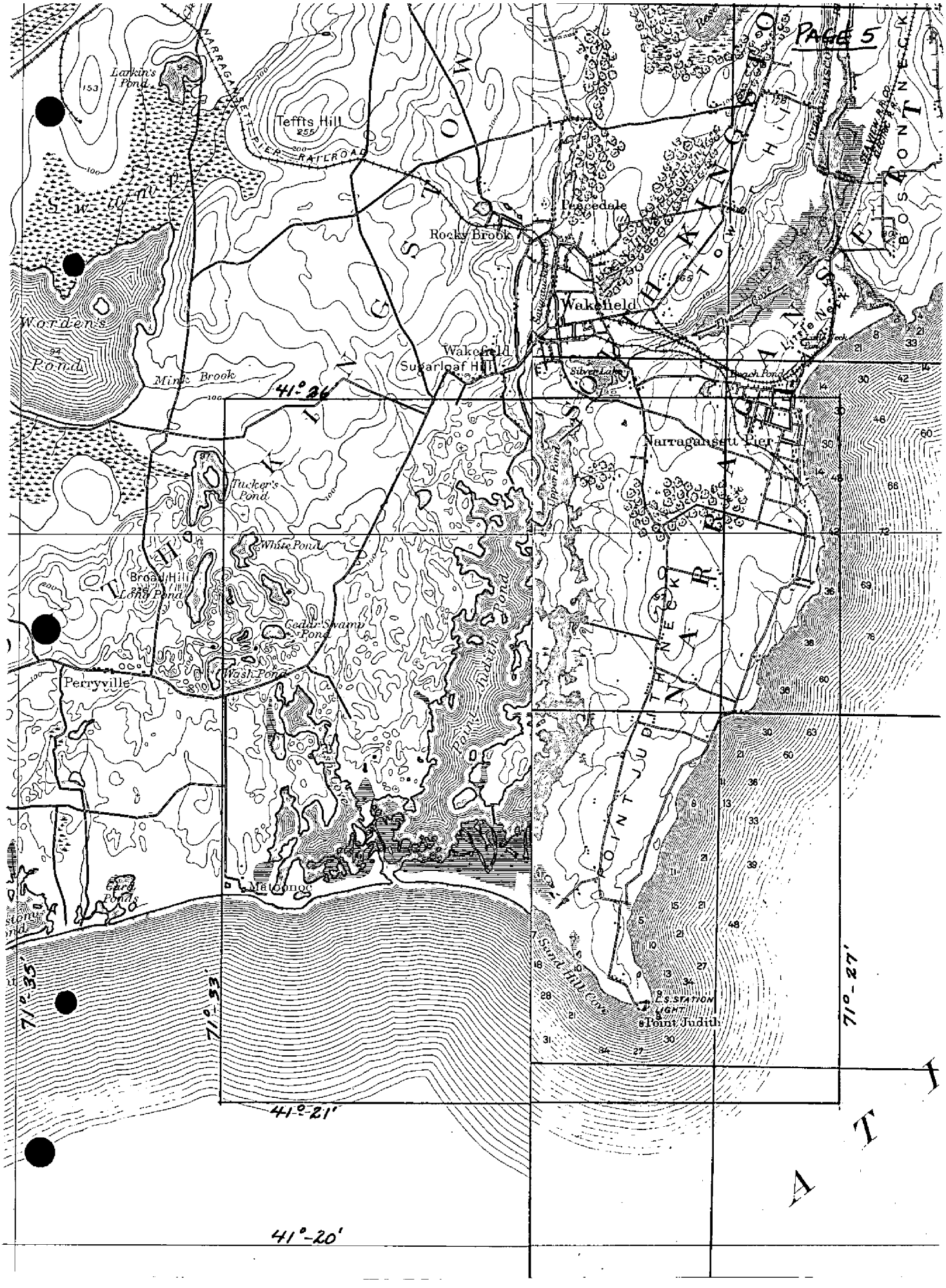
Final Drafting by (IV): J. Dean Date: Sept 51

Drafting verified for reproduction by (IV): W.O. Hallein Date: June 26, 52

Proof Edit by (IV): Date:

Land Area (Sq. Statute Miles) (III): about 15 sq. mi.
Shoreline (More than 200 meters to opposite shore) (III): about 55 miles
Shoreline (Less than 200 meters to opposite shore) (III): none
Control Leveling - Miles (II): none
Number of Triangulation Stations searched for (II): Recovered: 34 Identified: 18
Number of BMs searched for (II): none Recovered: Identified:
Number of Recoverable Photo Stations established (III): ~~nine~~ 1 EHR
Number of Temporary Photo Hydro Stations established (III): none

Remarks:


PAGE 5
Larkin's Pond
Teffts Hill
NARRAGANSETT PIER RAILROAD
SOUTH KINGSTOWN
Rocky Brook
Peacedale
NARRAGANSETT
Wakefield
Worden's Pond
Mink Brook
Wakefield
Sugarloaf Hill
Silver Lake
Beach Pond
Little Neck
Tucker's Pond
Upper Pond
Narragansett Pier
White Pond
Broad Hill
Long Pond
Cedar Swamp Pond
Wash Pond
Perryville
Point Judith Pond
POINT JUDITH NECK
Matunnoc
Card Ponds
Point Judith
L.S. STATION
LIGHT
Sand Hill Cove
41°-26'
41°-21'
41°-20'
71°-33'
71°-27'
71°-35'

sheets measuring about 16½ by 20 inches. Under the general plan adopted the country is divided into quadrangles bounded by parallels of latitude and meridians of longitude. These quadrangles are mapped on different scales, the scale selected for each map being that which is best adapted to general use in the development of the country, and consequently, though the standard maps are of nearly uniform size, they represent areas of different sizes. On the lower margin of each map are printed graphic scales showing distances in feet, meters, and miles. In addition, the scale of the map is shown by a fraction expressing a fixed ratio between linear measurements on the map and corresponding distances on the ground. For example, the scale $\frac{1}{62,500}$ means that 1 unit on the map (such as 1 inch, 1 foot, or 1 meter) represents 62,500 similar units on the earth's surface.

Although some areas are surveyed and some maps are compiled and published on special scales for special purposes, the standard topographic surveys for the United States proper and the resulting maps have for many years been divided into three types, differentiated as follows:

1. Surveys of areas in which there are problems of great public importance—relating, for example, to mineral development, irrigation, or reclamation of swamp areas—are made with sufficient accuracy to be used in the publication of maps on a scale of $\frac{1}{31,680}$ (1 inch = one-half mile), with a contour interval of 1, 5, or 10 feet.

2. Surveys of areas in which there are problems of average public importance, such as most of the basin of the Mississippi and its tributaries, are made with sufficient accuracy to be used in the publication of maps on a scale of $\frac{1}{62,500}$ (1 inch = nearly 1 mile), with a contour interval of 10 to 25 feet.

3. Surveys of areas in which the problems are of minor public importance, such as much of the mountain or desert region of Arizona or New Mexico, are made with sufficient accuracy to be used in the publication of maps on a scale of $\frac{1}{125,000}$ (1 inch = nearly 2 miles), with a contour interval of 25 to 100 feet.

A topographic survey of Alaska has been in progress since 1898, and nearly 43 per cent of its area has now been mapped. About 10 per cent of the Territory has been covered by reconnaissance maps on a scale of $\frac{1}{625,000}$, or about 10 miles to an inch. Most of the remaining area surveyed in Alaska has been mapped on a scale of $\frac{1}{250,000}$, but about 4,000 square miles has been mapped on a scale of $\frac{1}{62,500}$ or larger.

The Hawaiian Islands, with the exception of the small islands at the western end of the group, have been surveyed, and the resulting maps are published on a scale of $\frac{1}{62,500}$.

The features shown on these maps may be arranged in three groups—(1) water, including seas, lakes, rivers, canals, swamps and other bodies of water; (2) relief, including mountains, hills, valleys, and other features of the land surface; (3) culture

Summary to Accompany T-5095

Shoreline Map T-5095 is the only map in Project Ph-31(48)B. It covers shoreline and adjacent areas in the vicinity of Point Judith, Rhode Island and includes Point Judith Pond.

Project Ph-31(48)B was undertaken in order to provide accurate shoreline data for use in conjunction with hydrographic surveys of Project CS-333 to construct a new nautical chart. Hydrographic Survey H-7640 and Topographic Survey T-7100 were accomplished in 1948 as part of Project CS-333. Topographic Survey T-7100 was used for control for the hydrographic surveys and had mapped only a small amount of shoreline. The field work and compilation of T-5095 were not completed until 1949 and a print from the unreviewed map manuscript was used to complete the shoreline on the smooth sheet for H-7640.

Map T-5095 was compiled in the Washington Office by stereoplanigraph at a scale of 1:10000. The field operations included the inspection of shoreline and adjacent areas and the recovery and identification on photographs of horizontal control.

At the time of the compilation, it was planned that this map would be published as a planimetric map. All inland features that could be interpreted from the photographs were consequently compiled. Since these features were not verified or classified in the field, the map is reliable for shoreline areas only.

Map T-5095 covers 5' in latitude by 6' in longitude. Items registered under T-5095 will include a descriptive report and a cloth-mounted lithographic print of the manuscript at a scale of 1:10000.

FIELD INSPECTION REPORT

2. Area of Field Inspection:

The area surveyed includes the land and waters south of U. S. Route No. 1 in Narragansett, Rhode Island to Coast Guard Station No. 55 at Point Judith, Rhode Island; thence west to Matunuck Beach. Potter Pond, Point Judith Pond, and Upper Pond were within the limits of the survey.

The principal access to the area is by highway. There is, however, a rail-bus form of service available for connections with the mainline railroad facilities at Kingston, Rhode Island.

The area is primarily a summer colony, catering to tourist and summer residents. During the winter months the local populace are concerned with the maintenance and improvements in their varied accommodations. Some commercial fishing is done, the headquarters of which are just inside The Breachway at Point Judith Pond. The settlement name in that locality is Galilee.

3. Horizontal Control:

All horizontal control stations were searched for and the majority recovered. Stations were identified in accordance with the Project Instructions. Form 526 is submitted regarding the status of each station. *See item 67*

4. Vertical Control:

Not applicable.

5. Contours and Drainage:

Not applicable.

6. Woodland Cover:

Not applicable.

7. Shoreline and Alongshore Features:

Since photography was made when the tide was very near a high stage little difficulty was encountered in determining the Mean High Water Line.

The approximate low water line of part of the shores in this area was indicated by the standard symbol. Particular attention was given the sand bar areas in Point Judith Pond.

All wharves and shoreline structures discernible on the photographs have been inspected and explained, where necessary, on the photographs. Additional delineations were made as required.

8. Offshore Features:

Areas foul with boulders have been labeled appropriately.

The shore end of a submarine cable, on the east shore of Point Judith, has been located on the photograph. It is an army telephone cable, in use and not previously charted. It runs north along Point Judith to Boston Neck, at approximate latitude 41° 27' and approximate longitude 71° 26'. The cable lays 1000 feet to 2500 feet off-shore.

A number of piling have been located in Point Judith Pond. A few groups are indicated directly on the photographs. All others have been located by the "3-Point Fix" method.

See item 70.

9. Landmarks and Aids:

All landmarks and fixed aids to navigation within the limits of this sheet were investigated. Form 567 is submitted with the information determined. See item 68

10. Boundaries, Monuments, Line:

No attempt was made to determine the boundaries between the various beaches on the east shore of Point Judith since such action would approach a private property survey.

11. Other Control:

Not applicable. See item 67

12. Other Interior Features:

There are no landing fields or specific aeronautical aids in this area.

The roads and trails were classified in accordance with Photogrammetry Instructions No. 10, dated 14 April 1947, and the Amendment to the above dated 24 October 1947.

There are only two bridges within the limits of the sheet. both are fixed, skiff clearance only, and are not listed in the Bridge Book.

It is felt that buildings and structures are adequately covered on the photographs. Although photography is scarcely a year old, considerable construction has occurred since that time and such is noted on the photographs.

13. Geographic Names: 85% Narragansett Pier is decision of U.S.B.G.N.

In accordance with the Project Instructions, a systematic investigation of geographic names was not made. Important points were identified, however. The most questionable name is Narragansett Pier. In 1929 there was a legislative act officially eliminating the word "Pier" from the name. Local residents commonly refer to the settlement as the "Pier", or Narragansett Pier, yet immediately recognize the area when simply called Narragansett. Viewing the question objectively, since the large pier is no longer in existence in a physical sense (from which the original name was derived); the post office address is just Narragansett; and the published name (Narragansett Pier) is somewhat misleading to tourist and vacationists, it is recommended that the published name be merely Naragansett.

All other information on geographic names is on either the preliminary geographic name sheet supplied or the photographs.

14. Special Reports and Supplemental Data:

None.

15. Notes to Compiler:

The following triangulation stations have been identified on the photographs for the control of the radial plot:

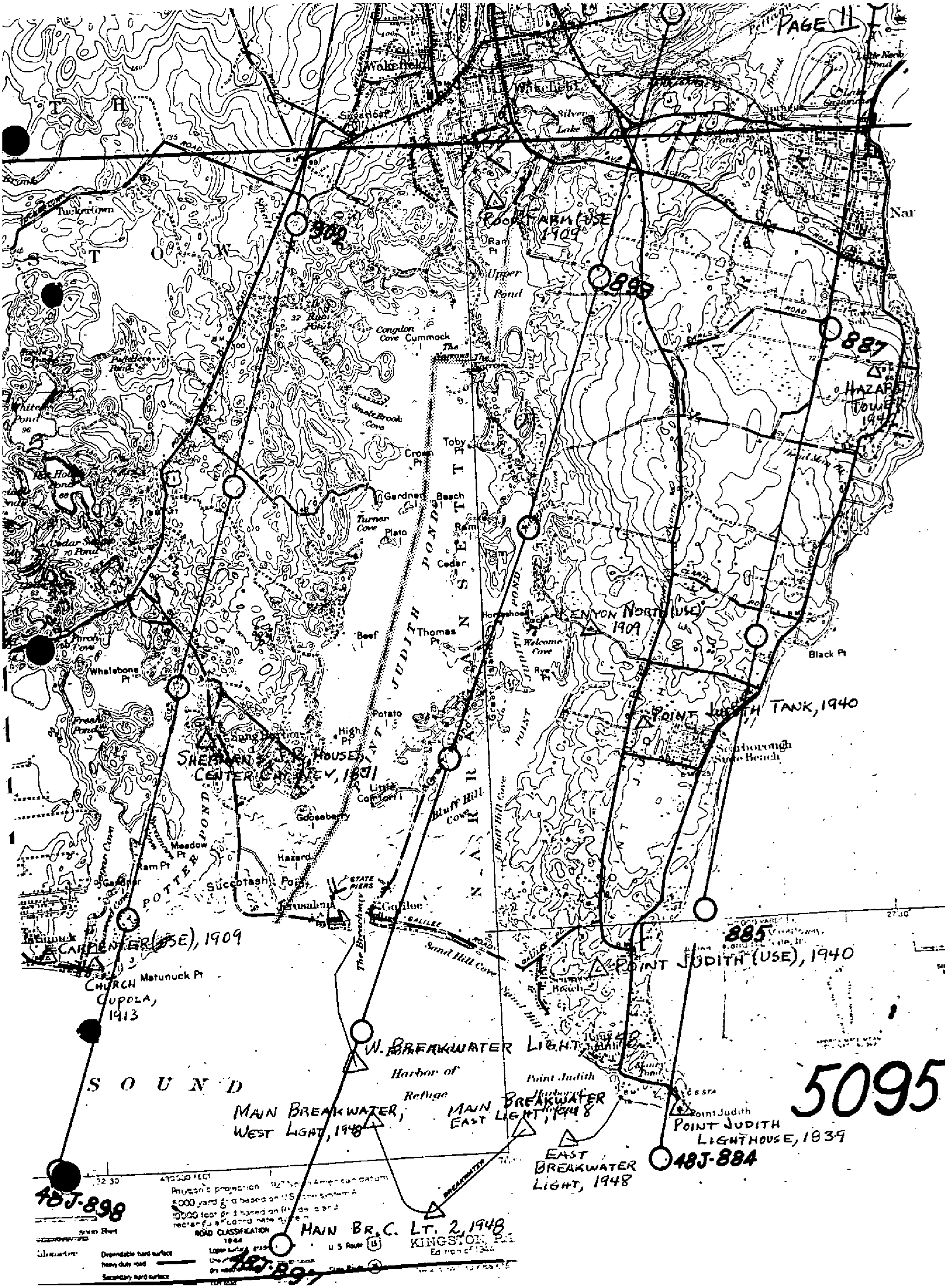
SHERMAN'S, J. P., HOUSE CHIMNEY - 1871 (Pricked Direct)
POINT JUDITH LIGHTHOUSE - 1940 (pricked Direct)
POINT JUDITH TANK - 1940 (Pricked Direct)
CHURCH CUPOLA - 1913 (Pricked Direct)
MAINE BREAKWATER EAST LIGHT - 1948 (Pricked Direct)
EAST BREAKWATER LIGHT - 1948 (Pricked Direct)
MAIN BREAKWATER CENTER LIGHT 2 - 1948 (Pricked Direct)
MAIN BREAKWATER WEST LIGHT - 1948 (Pricked Direct)
WEST BREAKWATER LIGHT - 1948 (Pricked Direct)
HAZARD TOWER - 1940 (Pricked Direct)
MEETINGHOUSE HILL 2 - 1869 (Pricked Direct)
KENYON NORTH (U.S.E.) - 1909 (Substitute Point)
POOR FARM (U.S.E.) - 1909 (Substitute Point)
SUGARLOAF HILL - 1869 (Substitute Point)
DILLON (U.S.E.) - 1909 (Substitute Point)
WEEDEN (U.S.E.) - 1909 (Substitute Point)
POINT JUDITH (U.S.E.) - 1940 (Substitute Point)
CARPENTER (U.S.E.) - 1909 (Reference Measurements)

Points to be located during the radial plot are as follows:

Photo Points A, B, C, D, & E. Photo Points 1, 2, 3, & 4 Storm warning Signal Tower.

Submitted:
Date 5/12/49

/s/ R. A. Horn
Photogrammetrist


PAGE 11
Wakefield
Silver Lake
Tuckertown
POOR FARM (USE) 1909
Upper Pond
898
887
HAZARD TOWER
Congdon Cove
Cummock
Snake Brook Cove
Crown Pt
Toby Pt
Gardner Beach
Turner Cove
Plato
Cedar
POINT JUDITH POND
Thomas Pt
Beef
KENYON NORTH (USE) 1909
Welcome Cove
Rye Pt
Black Pt
Whalebone Pt
POINT JUDITH TANK, 1940
Scarborough State Beach
Potato
High Pt
SHERMAN'S F.R. HOUSE, CENTER CHIMNEY, 1801
Little Comfort I
Gooseberry
Bluff Hill Cove
Meadow Pt
Ram Pt
POTTER POND
Succotash Point
Hazard
STATE PIERS
Jerusalem
Galilee
The Breachway
Sand Hill Cove
885
CARPENTER (USE), 1909
POINT JUDITH (USE), 1940
Matunuck Pt
CHURCH CUPOLA, 1913
W. BREAKWATER LIGHT, 1948
Harbor of Refuge
Point Judith Harbor of Refuge
SOUND
MAIN BREAKWATER, WEST LIGHT, 1948
MAIN BREAKWATER EAST LIGHT, 1948
Point Judith
POINT JUDITH LIGHTHOUSE, 1839
EAST BREAKWATER LIGHT, 1948
48J-884
5095
48J-898
MAIN BR. C. LT. 2, 1948
KINGSTON, R.I.
48J-897
ROAD CLASSIFICATION

Photogrammetry

MAP T- 5095 PROJECT NO. Ph-31B(48) SCALE OF MAP 10,000 SCALE FACTOR

STATION	SOURCE OF INFORMATION (INDEX)	DATUM	LATITUDE OR y-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)
KENYON NORTH(USE) 1909 dm	RI-116	NA 1927	41 23 49.725 71 29 19.455			1534.0 317.0 452.0 941.9	
CARPENTER (USE), 1909 dm	RI 117	"	41 22 29.300 71 32 48.277			903.9 947.1 1121.9 272.4	
~~CHURCH CUPOLA, 1913 d~~	~~122~~	"	~~41 22 26.844 71 32 28.388~~			~~828.1 1022.9 659.7 734.6~~	See item 67
Sherman's, J.P., House, Center Chimney, 1871 d	126	"	41 23 24.63 71 31 45.74			759.8 1091.2 1062.7 331.3	
POOR FARM (USE), 1909 dm	136	"	41 25 44.250 71 29 48.278			1365.1 485.9 1121.0 272.2	
MAIN BR. C. LT. 2, 1948 dm	150	"	41 21 14.903 71 30 27.964			459.8 1391.2 650.1 744.6	
West Breakwater, Light, 1948 d	150	"	41 21 55.710 71 30 54.886			1718.6 132.4 1275.7 118.8	
East Breakwater, Light, 1948 d	150	"	41 21 31.624 71 29 36.215			975.6 875.4 841.8 552.8	
Main Breakwater, East Light, '48 d	150	"	41 21 34.929 71 29 54.542			1077.6 773.4 1267.8 126.8	
Main Breakwater, West Light, '48 d	150	"	41 21 40.595 71 30 49.380			1252.3 598.7 1147.8 246.8	
			(contd on next page)				

* Name as shown is preceded by: "Point Judith Harbor of Refuge"

Page 12

1 FT. = .3048006 METER

COMPUTED BY: DATE CHECKED BY: DATE

M-2388-12

Photogrammetry

MAP T- 5095 PROJECT NO. Ph-31B(48) SCALE OF MAP 10,000 SCALE FACTOR

STATION	SOURCE OF INFORMATION (INDEX)	DATUM	LATITUDE OR y-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)
Point Judith (USE), 1940 dm	RI 39	NA 1927	41 22 17.900 71 29 22.943			552.2 1298.8 533.2 861.2	
Hazard Tower, 1940 d	41	"	41 24 55.189 71 27 26.978			1702.6 148.4 626.5 766.9	
Point Judith, Tank, 1940 d	41	"	41 23 23.533 71 29 01.463			726.0 1125.0 34.0 1360.0	
Point Judith Lighthouse, 1839 nd	41	"	41 21 39.322 71 28 54.825			1213.1 637.9 1274.3 120.3	
Wharton's, Dr., House, East Chimney, 1869 d	146	"	41 24 56.10 71 27 16.60			1730.7 120.3 385.5 1007.9	
W. Break, 1948 dm	150	"	41 21 55.569 71 30 54.857			1714.3 136.7 1275.0 119.5	
South Beacon, 1912 nd	123	"	41 21 16.365 71 30 37.813			504.9 1346.1 879.0 515.4	
Potter (USE) 1909	116	"	41 23 51.818 71 32 01.524			1598.6 (252.4) 35.4 (1358.7)	
Reflector 1948	150	"	41 22 27.048 71 30 49.603			834.4 1152.7	
Main Breakwater Center Light (remains of old beacon stand)	150	"	41 21 14.942 71 30 27.871			461.0 647.9	Inadequate space for showing on map manuscript
Greene 1940	149	"	41 23 00.814 71 28 41.858			25.1 (1825.9) 972.6 (421.5)	

Page 14

1 FT. = .3048006 METER

COMPUTED BY: DATE CHECKED BY: DATE

M-2388-12

Compilation Report

31. Delineation:

Accomplished on the Stereoplanigraph. Photo coverage complete and satisfacory. Field Inspection did not cover area along west edge of quad including shoreline of north portion of Potter Pond. See item 69

32. Control:

Adequate as to identification and density. No new control established for this survey. See item 67

33. Supplemental Data:

Graphic Control Survey T-7100 a & b, 1948, 1:10,000, showing HWL locations at planetable stations.
Hydrographic Survey of 1948 not available at time of compilation.

34. Contours and Drainage:

Not applicable.

35. Shoreline and Alongshore Details:

The major portion of shoreline was field inspected and located on photographs. However, field inspection did not include a short length of shoreline around Potter Pond which was therefore delineated on the stereoplanigraph during office compilation. In addition, a 1948 graphic control survey in the area showed the shoreline spotted near some of the planetable positions. These shoreline indications agreed with the field inspection shoreline everywhere except in Point Judith Pond where shifting sands caused a variance, it is believed. The field inspection shoreline is shown on the manuscript since it is of a year later date.

36. Offshore Details:

Not applicable.

Symbolization of offshore rocks is in agreement with latest hydrographic information. 1-6-49 T.A.D.

37. Landmarks and Aids:

See two form 567s, pages 17 and 18. See item 68

38. Control and Future Surveys:

Forms 524 were submitted by the 1948 graphic control party for the following nine recoverable topographic stations: POT, EEL, CUT, BUM, NED, B.M., HUB, WIN, and TOY.* No permanent topographic or hydrographic stations were established during field inspection.

* Filed in General Files, Div. of Photogrammetry under T-7100. See item 47.

39. Junctions:

Not applicable.

40. Horizontal and Vertical Accuracy:

Standard.

46. Comparison with Existing Maps:

USGS Narragansett Pier Quadrangle, 1:31680, 1944 edition. USGS Kingston Quadrangle, 1:31680, 1944 edition.

47. Comparison with Nautical Charts:

USC&GS Chart No. 1210, Marthas Vineyard to Block Island, 1:80,000, February 1946, 6th edition.
USC&GS Chart No. 276, Harbors of Refuge at Judith Point and Block Island, 1:10,000, August 1941, 7th edition.

48. Geographic Name List:

Albro Island
Atlantic Ocean
Beach Island
Beach Street
Beef Island
Betty Hull Point — Black Point
Block Island Sound
Block Point (error for Black Pt.?)
Bluff Hill Cove
Bog Rock
Boon Street
Burnside Avenue
Buttonwood Point
Camp Fuller YMCA
Cedar Island
Cedar Point
Cedar Swamp Pond
Central Street
Champlin Cove (two: Potter Pond, N. part Pt. Judith Pond)
Champlin Rock
Clarke Road
Congdon Cove
Cornins Beach — Crooked Brook
Crown Point
Cummock Island
Dead man Brook
Earls Road — Earls Court Road
Flat Rock Road
Foddering Place
Frank Neck
Fresh Pond
Gardner Island (two)
Galilee Road — Galilee
Gibson Avenue
Goose Island
Gooseberry Island
Gooseberry Road
Great Island
Gunning Rock
Hazzard Island
High Point — Hillcrest Road or Hillcrest?
Horseshoe Point
Hot House Pond — Hoosten Plat
Indian Rock
Jerusalem
Jonathan Island
Kinney Avenue
Knowles Beach
Knowlesway
League Rock
Lilly Pond
Lido Beach
Little Comfort Island
Little League Rock
Little Wash Pond
Locke Point
Long Cove
Matunuck — Matunuck Beach
Matunuck Point
Matthewson Street
Meadow Point

Military Reservation
Money Pond
Narragansett Avenue
Narragansett Pier
Narragansett Pier Railroad (1950 Ry. Guide)
Newton Ave.
Ocean Road
Old Point Judith Road
Olivio Beach
~~Peaked Rock~~ (Not located by this survey) EMR
Peddlers Pond
Perch Cove
Pine Tree Point
Plato Island
Point Judith (both point & village)
Point Judith Country Club
Point Judith Harbor of Refuge
Point Judith Neck — Point Judith church
Point Judith Pond
Post Road U.S No. 1
Potato ~~Pond~~ Island
Potter Pond
Quahaug Rock
Ram Head
Ram Island
Ram Point (Two places) EMR
Rifle Range
Rodman Street
Rum Pond
Rye Point
Salt Pond View
Sand Hill Cove
Sand Hill Cove Beach
Saugatuckett River
Scarborough Beach Bathing Pavilion
Scarborough Hills
Scarborough State Beach
Seaweed Beach
Seaweed Cove — Sea Ranch Bath House
Segar Cove
Short Point
Silver Lake
Silver Spring Cove
Smelt Brook
Smelt Brook Cove
Snug Harbor
South County Hospital — South Jerry Cove
South Pier Road
Sprague Pond
Spectacle Ponds
Spring Cove

State Piers — Storm Warning Signal Tower
Strawberry Head
St. Marys Church
St. Romuald Church
Succotash Point
Succotash Road
Sycamore Cove
Taylor Street — The Breachway
~~The Brothers~~
The Hills
The Narrows
Thomas Point
Toby Point
Tower School
Tucker Pond
Tuckertown
Tuckertown Road
Turner Cove
Turtle Pond
Upper Pond — USCG Sta No 55
Wakefield — USCG Sta Point Judith
Walcott Cove (see below) — Walnut St.
Wash Pond
Welcome Cove
Whalebone Point
White Pond — Woodruff Ave
Yost Avenue
Wolcott Cove

Not located by this survey. EMR

Additional names from Rhode Island Gazetteer that can be definitely identified (on name sheet in green numbers:

1. Wood Hill
2. Wheatfield Cove
3. Turner Point
4. Tallow Hill Point
5. Stone Water Fence Cove
6. Stallion Cove
7. Spring Cove
8. Squally Point
9. Sassafras Point
10. Reel Point
11. Long Bar Point

Names underlined (in red are approved 4-12-51. L. Heck

Submitted 10 November 1949

Louis J. Reed,
Chief, Stereoscopic Mapping
Section, Washington Office

Form 567
April 1945

DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY

T 5095

NONFLOATING AIDS OR ~~LANDMARKS FOR CHARTS~~

TO BE CHARTED
~~TO BE DELETED~~ } STRIKE OUT ONE

POINT JUDITH, RHODE ISLAND MAY 4, 19

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 HARRY R. MOORE, ENG. AIDE

R. A. HORN
Chief of Part

STATE RHODE ISLAND

CHARTING NAME	DESCRIPTION	SIGNAL NAME	POSITION LATITUDE ° ′	LATITUDE D.M. METERS	LONGITUDE ° ′	LONGITUDE D.P. METERS	DATUM	METHOD OF LOCATION AND SURVEY No.	DATE OF LOCATION	HARBOR CHART	INSHORE CHART	OFFSHORE CHART	CHART AFFECTED
E-65-VIS.HM.	POINT JUDITH	G. Ps. pg. 41 / GHE	41-21	(637.9) 1213.1	71-28	(120.3) 1274.3	NA 1927	5095 TRI.	1948	✓		✓	1210, 1211, 276
✓ FL, R	POINT JUDITH HARBOR OF REFUGE EAST BREAKWATER		41-21	(875.5) 975.5	71-29	(553.0) 841.6	"	"	"	✓		✓	1211
FL	POINT JUDITH HARBOR OF REFUGE MAIN BREAKWATER EAST		41-21	(773.4) 1077.6	71-29	(126.9) 1267.7	"	"	"	✓		✓	1211
✓ Gp. FL	POINT JUDITH HARBOR OF REFUGE MAIN BREAKWATER CENTER		41-21	(1391.2) 459.8	71-30	(744.6) 650.0	"	"	"	✓		✓	1211
✓ FL, R	POINT JUDITH HARBOR OF REFUGE MAIN BREAKWATER WEST		41-21	(598.5) 1252.5	71-30	(246.8) 1147.8	"	"	"	✓		✓	1211
✓ FL	POINT JUDITH HARBOR OF REFUGE WEST BREAKWATER	1948 positions shoreline	41-21	(132.4) 1718.6	71-30	(119.0) 1275.5	"	"	1948	✓		✓	1211
✓ REF	POINT JUDITH INNER BREAK-WATER DAY BEACON		41-22	(1016.5) 894.5	71-30	(241.7) 1152.6	NA 1927	5095 TRI.	1948	✓		✓	1211
				User positions as listed - figure corrections									
				differences were from 1931 G.Ps and are									
				superseded by 1948 positions GHE									

Page 16

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.

16—51696-1 U. S. GOVERNMENT PRINTING OFFICE

Form 567
April 1945

DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY

13045

NONFLOATING AIDS OR LANDMARKS FOR CHARTS

TO BE CHARTED
~~TO BE DELETED~~ } STRIKE OUT ONE

POINT JUDITH, RHODE ISLAND MAY 4, 1944

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 HARRY R. MOORE, ENG. AIDE

E.A. HORN
Chief of Party

STATE RHODE ISLAND

CHARTING NAME	DESCRIPTION	SIGNAL NAME	POSITION				DATUM	METHOD OF LOCATION AND SURVEY No.	DATE OF LOCATION	HARBOR CHART	INSHORE CHART	OFFSHORE CHART	CHART AFFECT
			LATITUDE		LONGITUDE								
			° ′	D.M. METERS	° ′	D.P. METERS							
TANK (ELEV)	POINT JUDITH WATER TANK	G.Ps. pg. 41 ✓ GHE	41-23	726.0	71-29	34.0	NA 1927	5095 TRI.	1940	✓		✓	1210 1211
TOWER	HAZARD CASTLE TOWER	G.Ps. pg. 41 ✓ GHE	41-24	1702.6 (148.4)	71-27	626.5 (767.3)	"	"	"	✓		✓	"

Page No. 1

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 sheet. Information under each column heading should be given.

16—51696-1 U. S. GOVERNMENT PRINTING OFFICE

CSGID-SMP 061

6 March 1950

MEMORANDUM FOR: DIRECTOR, UNITED STATES COAST AND GEODETIC SURVEY, DEPARTMENT OF COMMERCE

SUBJECT: Classification Clearance

1. Reference is made to your letter, file No. 734-rs, subject as above, dated 5 January 1950, forwarding ten (10) maps for security clearance prior to publication.

2. There is no objection to the publication of the following maps as Unclassified:

T-5095 Point Judith, Rhode Island

O.P. 617 Elizabeth City, North Carolina

3. Provided minor deletions are made as indicated thereon, there is no objection to publication of the following map as Unclassified:

T-5930 San Rafael, California

4. It has been necessary to return the remainder of the maps to the appropriate Army area commanders for reconsideration of their recommendations concerning certain deletions. It is hoped that this action will result in allowing more details to be included in the compilation of these maps.

FOR THE ASSISTANT CHIEF OF STAFF, G-2:

3 Incls
1. Map T-5095
2. Map O.P.617
3. Map T-5930

ERNEST A. BARLOW
Colonel, GSC
Chief, Security & Training Group
Intelligence Division, GSUSA

Form T-2

PHOTOGRAMMETRIC OFFICE REVIEW

T- 5095

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 X 8. Bench marks X
9. Plotting of sextant fixes ✓ 10. Photogrammetric plot report X 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. Planetable contours X 23. Stereoscopic instrument contours X 24. Contours in general X 25. Spot elevations X 26. Other physical features ✓

CULTURAL FEATURES

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

BOUNDARIES

31. Boundary lines ✓ 32. Public land lines X

MISCELLANEOUS

33. Geographic names ✓ 34. Junctions X 35. Legibility of the manuscript ✓ 36. Discrepancy overlay ✓ 37. Descriptive Report ✓ 38. Field inspection photographs ✓ 39. Forms ✓
40. _____
Reviewer

Louis A. Reed
Supervisor, Review Section or Unit
Chief, Stereoscopic Mapping Section, Washington Office

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:

M-2661-12

REVIEW REPORT

Shoreline Map T-5095

2 May 1951

62. Comparison with Registered Topographic Surveys:

T-91	1:10000	1839
T-92	"	"
T-93	"	"
T-94	1:20000	"
T-1226	1:10000	1871
T-1271	"	1872
T-2602	"	1902
T-3388	1:5000	1913
T-7100	1:10000	1948

Miner differences in shoreline between this survey and T-7100 were noted under item 35. There are only three instances of disagreement and the differences are 10 meters or less. Differences are of little significance and are adequately explained under item 35. A partially submerged wreck was positioned by this survey approximately 10 meters north of the position shown on T-7100. Currents may have shifted the wreck this amount.

This survey supersedes these prior surveys for nautical charting for all features covered by this map. (See item 64)

63. Comparison with Maps of Other Agencies:

Kingston, R. I. (C. of E.)	1:31680	1944
Narragansett Pier, R. I. (C. of E.)	1:31680	1944

Inland swamp and marsh areas could not be accurately interpreted on this survey and are in some disagreement with these quadrangles. Otherwise, there is close agreement.

64. Comparison with Contemporary Hydrographic Surveys:

H-7640 1:10000 1948

Shoreline map T-5095 had not been compiled at the time of the hydrographic surveys and thus there was no comparison made in the field. No discrepancies between the two surveys were reported by the reviewer of hydrographic survey H-7640 (Descriptive Report H-7640). Not all offshore rocks were field inspected by this survey but the ones which were field inspected are in close agreement with H-7640. Also see item 62 regarding wreck in Potter Pond and item 70 regarding a pile in Point Judith Pond.

65. Comparison with Nautical Charts:

276	1:10000	1941 corrected to 50-11/6
1210	1:80000	1943 corrected to 50-11/20

This survey shows segments of shoreline 30 to 40 meters different. See item 64 above for discussion of offshore rocks.

66. Adequacy of Results and Future Surveys:

This survey meets the National Standards of Map Accuracy. Except for offshore features discussed under items 64 and 70, the survey is adequate and complies with project instructions.

67. Control:

A discrepancy was noted between the recovery notes and the Light List for triangulation station "Point Judith Lighthouse, 1839." The Light List reports that the lighthouse was rebuilt in 1857 while recovery notes state that the station was not rebuilt since 1839. This discrepancy was reported to the Division of Geodesy. But because the station was reoccupied for triangulation work in 1932, the accuracy cannot be questioned.

Topographic stations listed under item 38 were not recovered or identified on photographs in conjunction with this survey. With the exception of "Win" and "Pot", the stations are shown on this map since no discrepancies could be detected. In the case of "Win" and "Pot", the stations are points on buildings which could not be definitely interpreted on the photographs for comparison. Consequently they were omitted from the manuscript. Discrepancies were also noted in comparing the elevations of "Toy" and "Cut" as given on forms 524 to that of field inspection. This has been noted on the forms 524.

The point identified on photographs for triangulation station Church Cupola, 1913, could not be held during the compilation. The position plotted approximately 40 meters northeast of the identified station and near the center of another building--a building without any cupola. This information has been reported to the Division of Geodesy on Form 526 at the time of this review.

68. Landmarks and Aids:

The forms 567 submitted by the field inspector did not include Point Judith Lighthouse which is still extant.

69. Delineation:

Areas referred to under item 31 as not being field inspected were not included in hydrographic survey H-7640. It is therefore assumed that field inspection is complete for navigable waters.

70. Offshore Features:

Observations for positioning piling (referred to under

item 8) are reported on Forms M-2226-12, Control Station Identification cards, which are filed in the General Files, Division of Photogrammetry. One pile which was described as being on the east side of the Channel of Point Judith Pond could not be plotted. Directions observed in the field were in error. Two objects observed for resection gave an angle of only 3° whereas the error appeared to be in one of the other two directions. An accurate solution could not be made. None of the piling positioned by the Hydrographic Survey H-7640 checked the angles observed for this pile.

Everett H. Ramey

Everett H. Ramey

APPROVED

S V Griffith 9/53

Chief, Review Branch
Div. of Photogrammetry

Chief, Nautical Chart Branch
Div. of Charts

O S Reading

Chief, Div. of Photogrammetry

Earl O. Heaton

Chief, Div. of Coastal Surveys

NAUTICAL CHARTS BRANCH

SURVEY NO T5095

Record of Application to Charts

DATE	CHART	CARTOGRAPHER	REMARKS
10/31/52	268	J.J. Walker et al	~~Before~~ After Verification and Review Completely
6 Aug '58	1211	K.E. MacEwen	[redacted] After Verification and Review Partially applied. add one rk. mias Pt. Judith.
			Before After Verification and Review
			Before After Verification and Review
			Before After Verification and Review
			Before After Verification and Review
			Before After Verification and Review
			Before After Verification and Review
			Before After Verification and Review
			Before After Verification and Review
			Before After Verification and Review

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.