

10484

Diag. Cht. No. 1210-2.

FORM C&GS-504

U.S. DEPARTMENT OF COMMERCE  
ENVIRONMENTAL SCIENCE SERVICES ADMINISTRATION  
COAST AND GEODETIC SURVEY

## DESCRIPTIVE REPORT

Type of Survey Planimetric

Field No. Ph-163 Office No. T-10484

### LOCALITY

State Massachusetts - Rhode Island

General locality Narragansett Bay

Locality Ocean Grove

1956

### CHIEF OF PARTY

I.R. Rubottom, Chief of Party

W.E. Randall, Balto. District Officer

### LIBRARY & ARCHIVES

DATE February 11, 1968

10484

DESCRIPTIVE REPORT - DATA RECORD

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T- 10484

Ph-163

Project No. (II): ~~4470~~

Quadrangle Name (IV):

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

Chief of Party: Ira R. Rubottom

Photogrammetric Office (III): Baltimore, Md.

Officer-in-Charge: William E. Randall

Instructions dated (II) (III):

Copy filed in Division of  
Photogrammetry (IV)

(II) 9 April 1956

13 March 1957

Method of Compilation (III): Kelsh plotter

Manuscript Scale (III): 1:10,000

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

Scale Factor (III): 1.000

Date received in Washington Office (IV):

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): MHW

~~NO ELEVATIONS SHOWN AS (25) REFER TO MEAN HIGH WATER~~

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): TOWSETT, 1843

Lat.: 41° 41' 58.682" (1810.5 m) Long.: 71° 14' 33.844" (782.5 m)

Adjusted

~~UNADJUSTED~~

Plane Coordinates (IV):

State: R. I.

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.

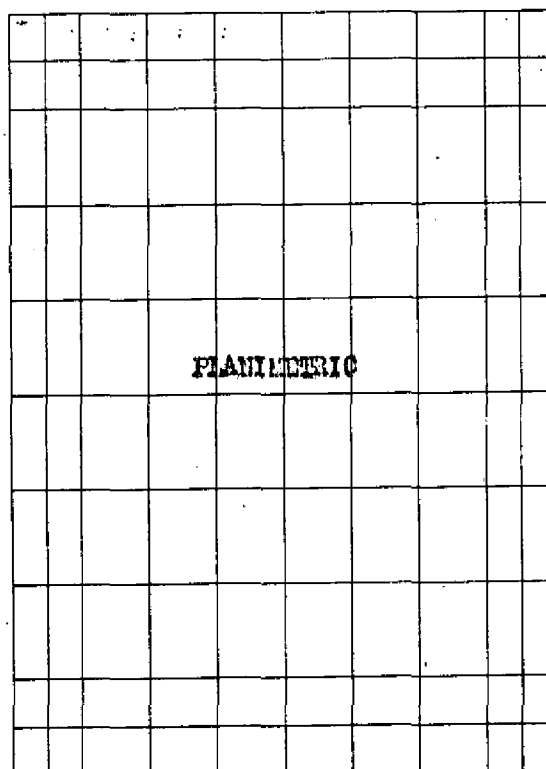
T-10484

FORM 181a  
(4-23-54)

U.S. DEPARTMENT OF COMMERCE  
COAST AND GEODETIC SURVEY

DESCRIPTIVE REPORT - DATA RECORD

71° 15.0'



41° 45.0'

41° 41.25'

71° 11.25'

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

DESCRIPTIVE REPORT - DATA RECORD

- 4 -

Field Inspection by (II): **Mathew A. Stewart**  
**Leo F. Beugnet**

Date: **May - October 1956**

Planetable contouring by (II):

Date:

Completion Surveys by (II):

*\* See below*

Date:

Mean High Water Location (III) (State date and method of location):

**1 May 1956 - Photogrammetric**

Projection and Grids ruled by (IV): **Joan Chaconas**

Date: **3/7/57**

Projection and Grids checked by (IV): **H. D. Wolfe**

Date: **3/7/57**

Control plotted by (III): **E. L. Rolle**

Date: **8/28/57**

Control checked by (III): **B. Kurs**

Date: **9/6/57**

Radial Plot or Stereoscopic  
Control extension by (III): **E. L. Rolle**

Date: **3/13/58**

Planimetry **J. D. McEvoy**  
Stereoscopic Instrument compilation (III):

Date: **4/10/59**

~~CONTROLLING~~

~~DATE:~~

Manuscript delineated by (III): **R. E. Lindauer**  
**(scribed)**

Date: **2/25/60**

Photogrammetric Office Review by (III): **R. Glaser**

Date: **2/5/60**

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

Date:

*\* Field Edit -*

*Limited edit in conjunction with  
H-8396, dated 1957*

*No Discrepancy Print Submitted*



# DESCRIPTIVE REPORT - DATA RECORD

- 5 -

Camera (kind or source) (III): U.S.C. & G. S. "W" camera

Number	Date	PHOTOGRAPHS (III) Time (EST)	Scale	Stage of Tide
56-W-245 thru 247	5/1/56	931	1:30,000	2.5 above MLW
56-W-257 thru 260	"	946	"	2.6 " "

## Tide (III) From Predicted Tide Tables

Reference Station: Newport, R. I.  
Subordinate Station: Fall River, Mass.  
Subordinate Station:

Ratio of Ranges	Mean Range	Spring Range
	3.5	4.4
	4.4	5.5

Washington Office Review by (IV): S.G. Blankenbaker

Date: Dec. 1966

Final Drafting by (IV):

Date:

Drafting verified for reproduction by (IV):

Date:

Proof Edit by (IV):

Date:

Land Area (Sq. Statute Miles) (III): 9.5

Shoreline (More than 200 meters to opposite shore) (III): 18.5 mi.

Shoreline (Less than 200 meters to opposite shore) (III): 3.7 mi.

Control Leveling - Miles (II):

Number of Triangulation Stations searched for (II): 17 ~~18~~ Recovered: ~~10~~ <sup>8</sup>

Number of BMs searched for (II): none Recovered:

Number of Recoverable Photo Stations established (III): none

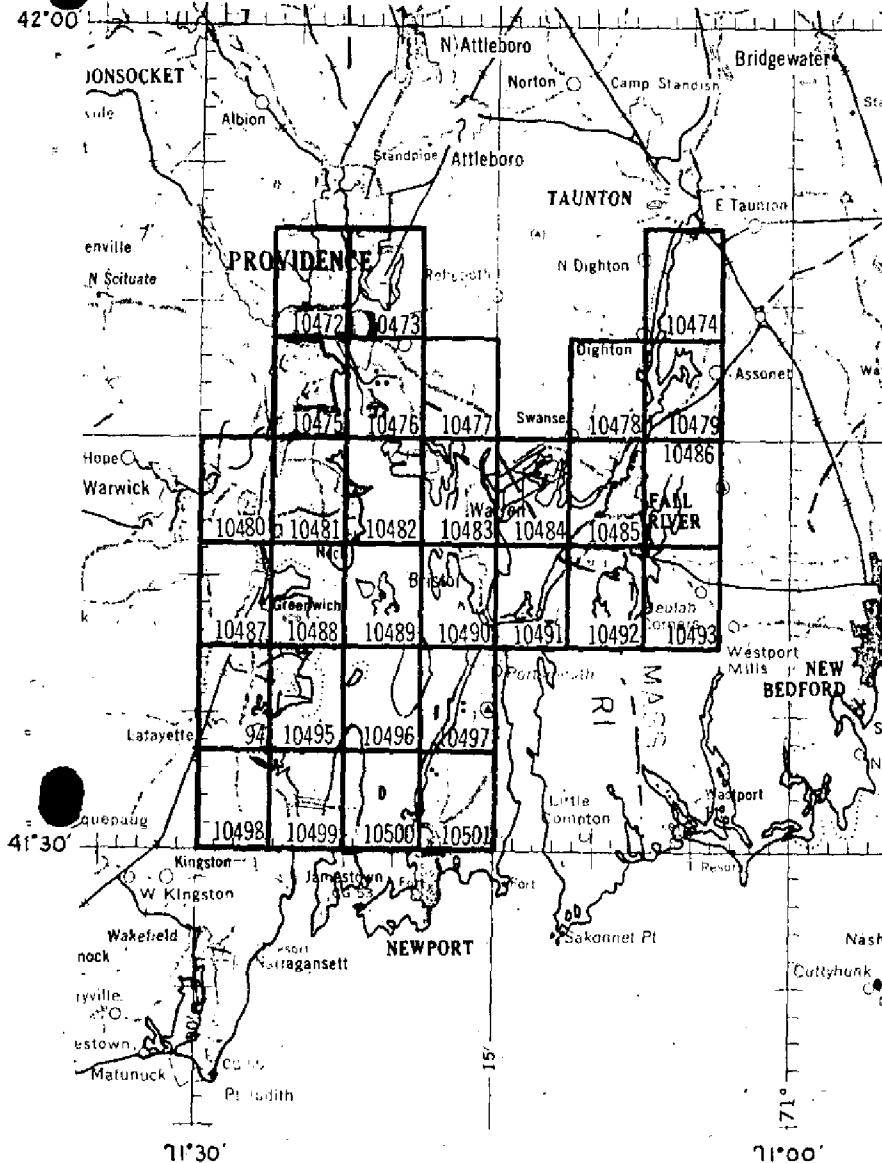
Number of Temporary Photo Hydro Stations established (III): see item 38

Identified: 3  
Identified:

Remarks:

# PLANIMETRIC MAPPING PROJECT PH - 163

Narragansett Bay, Mass. - Rhode Island



OFFICIAL MILEAGE FOR COST ACCOUNTING

SHEET NO.	Lin. Mi. SHORELINE	AREA SQ. MI.
10472	10	12
10473	7	13
10474	- 0 -	14
10475	8	10
10476	6	11
10477	2	13
10478	1	13
10479	7	12
10480	2	13
10481	4	13
10482	8	4
10483	6	11
10484	8	8
10485	8	10
10486	7	10
10487	3	13
10488	6	6
10489	7	3
10490	8	7
10491	8	7
10492	4	11
10493	3	1
10494	2	1
10495	5	7
10496	5	1
10497	5	1
10498	- 0 -	1
10499	10	1
10500	6	1
10501	2	1

TOTALS 158 29

SUMMARY TO ACCOMPANY DESCRIPTIVE REPORT  
T-10484

Map T-10484 is one of thirty planimetric maps comprising project PH-163. The project covers the Narragansett Bay, Rhode Island-Massachusetts area.

The project area was field inspected prior to compilation, bridged by multiplex and compiled by Kelsh plotter.

The addendum to this Summary contains an evaluation of project map accuracy and adequacy.

A cronaflex copy of the map will be registered.

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ADDENDUM TO SUMMARIES TO ACCOMPANY  
JOB PH-163 MAPS T-10472 through T-10501  
(ACCURACY AND FUTURE SURVEYS)

Most of the project maps were used in contemporary hydrographic survey operations. Four hydrographic surveys accomplished in the period of time between 1943 and 1955 cover the project area outside the areas of contemporary surveys.

The contemporary hydrographic surveys have been registered. With one exception they are classified "basic". Survey H-8367 is classified as "basic for charting only".

Considerable difficulty was experienced during smooth plotting and verification of some hydrographic surveys in using signals located by plane table methods. Many of the objects were identified on field photographs by the plane table party. Field identification of these objects was re-examined in the Baltimore Office, Compilation Unit. Some of the objects were relocated photogrammetrically and this revised information was furnished for use in smooth plotting.

The Norfolk Processing Office Addendum to Accompany Survey H-8316 mentions difficulties experienced when plotting sextant angles locating piles, piers, shoreline changes, etc. -- they were seldom in agreement with photogrammetric manuscript positions. The Washington office verifier was unable to adjust the subject information using the available hydrographic data. To assist in resolving the discrepancies, the Photogrammetry Division (Washington Office Review Group) rechecked signal locations on Maps T-10472, T-10473, T-10475 and T-10476. Fifty-seven signal locations and random portions of shoreline were revised by graphic methods using available field photographs that included field identified primary control and signals. This additional work is subject to error due to the condition of the photographs and the more limited use of project control; many discrepancies between the surveys, however, were resolved by using the revised information. No requests for similar rechecks were made by verifiers of other hydrographic surveys.

In part, the problems encountered in survey H-8316 (and H-8394) during hydrography and by verifiers can be attributed to the enlargement of these photogrammetric maps from 1:10,000 to 1:5,000 scale for use in hydro support. Similar problems on



other hydrographic surveys were attributed, in part, to incorrect transfer of signals, substandard plotting and use of weak sextant fixes.

Control for project bridging (multiplex) was classified "over abundant" (150 stations). While 25% of the stations were "difficult to see", only two stations were not held. Pass points between strips were averaged-adjustment less than 0.5 mm.

In addition to the previously mentioned supplemental work (relocation of signals and shoreline), two stereoplanigraph models were set to test horizontal map accuracy. The models covered parts of maps T-10472 and T-10473. A datum difference was found to exist between Bureau control and MGS and USGS control. Adjustment of these difference produced no appreciable shift in map details.

Rock information mapped on some of the photogrammetric surveys was incomplete as the result of poor photography inadequately supplemented by field inspection. The hydrographer located many rocks missed on the photogrammetric survey; and, in addition, the hydrographic survey reviewers found it necessary to bring forward considerable rock information without the benefit of verification by either the photogrammetric surveys or the contemporary hydrographic surveys.

These surveys have been used, in part, for nautical charting through both direct application of details and indirectly through contemporary hydrographic surveys. As previously mentioned, all but one of the contemporary hydrographic surveys have been registered as "basic surveys". Registration of these maps is recommended. Future use of the maps for hydro support purposes is not recommended due to the previously discussed problems that were encountered. Re-bridging by analytic aerotriangulation and new mapping with new color and infrared photography is recommended.

S. G. Blankenbaker  
S. G. Blankenbaker

NOTE: POLITICAL BOUNDARIES - With the exception of the Mass. - Rhode Island state line, none of the numerous mapped political boundaries are shown on modern charts. In consideration of the loss of some field photographs, and requests by photogrammetric office reviewers for field verification of boundaries, it is recommended that the project maps not be considered sources for political boundaries (with the exception of the state line). sgs

FIELD INSPECTION REPORT

Project 25120

Map T-10484

Please refer to the Field Inspection Report for Map T-10474  
for all data pertaining to this map.

*Martin C. Moody*  
Martin C. Moody  
Cartographic Survey Aid

Approved:

*Isaiah Y. Fitzgerald*  
for  
Ira R. Rubottom  
Chief of Party

FIELD INSPECTION PHOTOGRAPHS  
56W 245, 246, 257, 258,  
259

ALL PHOTOGRAPHS WERE MISSING  
AT THE TIME OF FINAL REVIEW -  
APPARENTLY LOST.



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

MAP T. 10484

PROJECT NO. Ph-163

SCALE OF MAP 1:10,000

SCALE FACTOR 1.000

STATION	SOURCE OF INFORMATION (INDEX)	DATUM	LATITUDE OR $\psi$ -COORDINATE LONGITUDE OR $\alpha$ -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)
TOWSESET NECK, 1836	Tri. in Spec. Pub No. 62	N.A. <del>1927</del>	41 42 45.02 71 13 36.28	1372.7 478.4 841.5 545.5	-16.3 m + 2.7	Not plotted, congested. See Note to Reviewer	
LIMESTONE, 1887	621	N.A. 1927	41 42 44.702 71 13 36.646	1379.1 472.0 847.2 539.9			
SOMERSET-SWANSEA 2' (BOUNDARY STONE SOMERSET 1) 1887	645	"	41 44 41.54 71 11 27.24	1281.6 569.5 629.4 757.0			
MATTAPOISETT, 1861	623	"	41 42 39.923 71 12 51.862	1231.7 619.4 1199.0 188.1			
BRAYTON (MGS) 1934	771	"	41 42 38.171 71 11 36.117	1177.7 673.4 835.0 552.1			
JUNIPER, 1887	645	"	41 44 41.215 71 11 23.157	1271.6 579.5 535.1 851.3			
MOUNT HOPE BAY WEST BDY, 1887	621	"	41 42 44.485 71 13 36.348	1372.5 478.6 840.3 546.8			
LEES RIVER (MGS) 1934	771	"	41 42 30.162 71 12 34.778	930.6 920.5 804.0 583.2			
TOWSESETT, 1843	G.P. (R.I.) List p. 158	"	41 41 58.682 71 14 33.844	1810.5 40.6 782.5 604.8			
M6 BD, MGS	"	"	271,023.76 683,495.10	312.0 1212.0 1065.3 458.7			1 11 1
Sub. Pt. M6 BD MGS	Comp.		271,100.26 683,328.42	335.4 1188.6 1014.5 509.5			
Sub. Pt. TOWSSETT, 1874	"		41 41 71 14	1824.9 26.2 794.7 592.6			

1 FT. = 3048006 METER  
COMPUTED BY A. K. Heywood

DATE

3/22/57

CHECKED BY

S. G. Blankenbaker

DATE

3/25/57

COMMA DC 57843

MAP T. 10484

PROJECT NO. Ph-163

SCALE OF MAP..... 1:10,000

SCALE FACTOR 1.000

[illegible]

1 FT = 304806 METER

COMPUTED BY: A. K. Heywood

DATE 3/22/57

CHECKED BY: **S. G. Blankenbaker**

DATE 3/25/57

**COMM-DC-57843**



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- 10 -

COMPILATION REPORT  
T-10484

The Photogrammetric plot report for this survey is part of the Descriptive Report for survey T-10472.

31. DELINEATION

The Kelsh plotter was used for delineation of this manuscript.

32. CONTROL

The identification, density and placement of horizontal control was adequate.

33. SUPPLEMENTAL DATA

Final name sheet dated 5 March 1957, prepared on a copy of U.S.G.S. Fall River, Mass.-R.I. quadrangle.

34. CONTOURS AND DRAINAGE

Delineation of drainage was based on field data.

Contours are not applicable.

35. SHORELINE AND ALONGSHORE DETAILS

Shoreline inspection was entirely satisfactory. The low-water line shown was based on field inspection.

36. OFFSHORE DETAILS

No comment.

37. LANDMARKS AND AIDS

Form 567 has been submitted for one landmark to be deleted.

38. CONTROL FOR FUTURE SURVEYS

A copy of boat sheet H-8396 was available in the compilation office but no comparison of signal positions was necessary because the signals located by the hydro party in 1957 were considered final. (See letter 73/rrj, 2 Dec. 1957 to the East Coast Field Party.)

There are no recoverable topographic stations on this manuscript.

39. JUNCTIONS

Junctions have been made and are in agreement with the following surveys:

T-10483 to the west.  
T-10485 to the east.  
T-10491 to the south.  
No contemporary survey to the north.

40. HORIZONTAL AND VERTICAL ACCURACY

No comment.

41. BRIDGE DATA

Cole River, Highway Mass. 103, fixed bridge, horizontal clearance 49.0 ft. Vertical clearance 4.8 ft. MHW.  
Cole River, Highway U.S. 6, fixed bridge, horizontal clearance 19.0 ft. Vertical clearance 4.6 ft. MHW.  
Lee River, Highway Mass. 103, fixed bridge, horizontal clearance 49.5 ft. Vertical clearance 6.4 MHW.

NOTE: Cole River and Lee River are spelled "Coles River" and "Lees River" in Corps of Engineers List of Bridges, edition of 1941.

42. CABLE CLEARANCE DATA

Cole River, Overhead Cable	Clearance 24.5 ft. MHW
Cole River, Overhead Cable	" 32.7 ft. MHW
Lee River, Overhead Cable	" 21.8 ft. MHW
Lee River, Overhead Cable	" 32.6 ft. MHW
West Branch of Lee River	" 31.2 ft. MHW
West Branch of Lee River	" 30.3 ft. MHW

Cable clearances listed beginning with cable nearest mouth of waterway and then proceeding upstream.

43 through 45: Not applicable.

46. COMPARISON WITH EXISTING MAPS

1. USGS Fall River, Mass.-R.I. quadrangle, scale 1:31,680, edition of 1944, reprinted 1950 with corrections.
2. Bureau survey T-5750, Mt. Hope Bay and vicinity, scale 1:20,000, issued June 1949.

47. COMPARISON WITH NAUTICAL CHARTS

Chart 353, scale 1:40,000, 19th edition 3/10/58, revised 6/29/59.

Items to be applied to nautical charts immediately: None.

Items to be carried forward: None.

Respectfully submitted  
8 February 1960

*R. Glaser*

R. Glaser  
Carto. (Photo.)

Approved and forwarded

*William E. Randall*

William E. Randall  
LCDR, C&GS  
Baltimore District Officer

PHOTOGRAMMETRIC OFFICE REVIEW

T. 10484

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

4a. Classification label ☒

CONTROL STATIONS

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

ALONGSHORE AREAS

(Nautical Chart Data)

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

PHYSICAL FEATURES

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

CULTURAL FEATURES

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

BOUNDARIES

31. Boundary lines ☒ 32. Public land lines ☒

MISCELLANEOUS

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

40. R. Glasen Reviewer Joseph Steinberg Supervisor, Review Section of 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.

S.G. Blankenbaker Compiler Supervisor

43. Remarks:

Dec. 1966



REVIEW REPORT  
T-10484  
December 1966

61. General Statement

This survey was used in support of hydrographic survey H-8396. Corrections applied to to photogrammetric survey details during hydrography and during verification of the hydrographic survey were applied to T-10484 during this review.

The Brayton Point area of T-10484 is covered only by prior hydrographic survey H-8207.

62. Comparison with Registered Topographic Surveys

T-5750	1:20,000	1949
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Except for some alongshore rock information (rock details carried forward from T-5750 to contemporary hydrographic survey H-8396) the new survey supersedes the prior survey for nautical charting purposes in the common area.

Refer to side heading 66. concerning differences in horizontal positions of details between T-5750 and the subject survey.

63. Comparison with Maps of Other Agencies

USGS Quad, Fall River	1:24,000	1949
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No significant difference were noted.

64. Comparison with Contemporary Hydrographic Surveys

H-8396	1:10,000	1957
H-8207	*1:10,000	1955

\*prior survey -- refer to second paragraph of this side heading.

No discrepancies exist between T-10484 and contemporary survey H-8396 -- refer to side heading 61.

The addendum to the review report for H-8207 states that the shoreline on this survey was supplemented by revisions or additions from T-10484 and T-10485. Existing discrepancies

in shoreline, amounting to 3 mm., were reported to the Hydrographic Survey Data Branch during this review of T-10484.

65. Comparison with Nautical Charts

353	1:40,000	1/17/66
350	1:10,000	1/24/66

Some changes in shoreline features that occurred subsequent to the time of survey T-10484 have been applied to the charts from other sources. Some discrepancies exist, in rock information, between chart 350 (Brayton Point) and the latest contemporary surveys (T-10484 and H-8396). This was reported to the Hydrographic Survey Data Branch during this review of T-10484.

66. Adequacy of Results and Future Surveys

This survey is deficient in alongshore information (rocks, obstructions, etc.) as shown by comparison with prior surveys and the contemporary hydrographic surveys. The addendum to the "Summary" for this report includes information relating to the accuracy and adequacy of project maps. The maps will be registered; remapping, however, is recommended for future hydrographic survey support purposes.

Reviewed by:

S. G. Blankenbaker  
S. G. Blankenbaker

Approved by:

Charles L. Lamm  
Chief, Photogrammetric Branch

Ralph Sobieralski FEB 05 1968  
Chief, Photogrammetry Division

John C. Boyer 2/13/68  
Chief, Marine Chart Division

**TO BE DELETED  
TO BE DELETED**

**STRIKE OUT ONE**

# NON/VOATING/AIDS/OR LANDMARKS FOR CHARTS

Morgan City, Louisiana

I recommend that the following objects which have ~~(value/ndt)~~ been inspected from seaward to determine their value as landmarks be charted on ~~(deleted/ndt)~~ the charts indicated.

The positions given have been checked after listing by Isaiah Y. Fitzgerald

/s/ I. R. Rubottom

**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 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.

\* TABULATE SECONDS AND METERS

Comm-DC 28356

1-9-68

GEOGRAPHIC NAMES

FINAL NAME SHEET

PH-163 (Rhode Island)

T-10484

✓Brayton Point  
*Bristol - 7A*  
✓Bristol Narrows

✓Bristol Neck

✓Cedar Cove

✓Chase Cove

✓Coggeshall

✓Cole River

✓Fox Hill Cove

✓Gardners Neck

✓Kickamuit River

✓Lee River

✓Little Neck

✓Luther Corner

✓Mount Hope Bay

✓Ocean Grove

✓Sewammock Neck

✓Somerset

✓South Swansea

✓Spar Island

✓Swansea

✓Touisset

✓Touisset Highlands

✓Toweset Point

✓Warren

Approved by:

*A. Joseph Wright*  
A. Joseph Wright  
Chief Geographer

Prepared by:

*Frank W. Pickett*  
Frank W. Pickett  
Cartographic Technician



## NOTES FOR THE REVIEWER

The Fall River, Mass.-R.I. quadrangle, Chart 353, and Bureau survey T-5750, show the geographic name "Touisset" applying to a neck of land in the area of this manuscript. However, in view of the many names in the immediate area followed by the word "Neck", it seems possible that the name should be "Touisset Neck", especially since there is also a village named "Touisset".

Chart 350 shows a landmark at Brayton Point labeled "Silo (larger of two)". Chart 353, revised 6/29/59, shows "Silo" in the same location. Examination of the photographs reveals what appears to be three structures of approximately equal size, either of which could be the landmark. Since there was no field data or identification, the landmark is neither plotted on the manuscript nor reported on Form 567.

Appendix No. 6 to the Boundary Report, Project Ph-142 gives the description of the boundary line between Massachusetts and Rhode Island.

As a check, the position of corner Swansea-Warren 2 was converted to datum using corrections for the old NA datum. This position agreed closely with the position of station MOUNT HOPE BAY WEST BOUNDARY, 1887, so that station was used as the corner. The distances to adjacent corners check very well.

It is believed that this and LIMESTONE, 1887 are the two monuments mentioned in the description for TOWESET NECK, 1836. (502 p. 10). There are some discrepancies in dimensions and directions that should be reconciled. The available position of TOWESET NECK, 1836, converted to NA 1927 datum, comes within two meters of the position of MOUNT HOPE BAY WEST BOUNDARY, 1887 which does not agree with the description. (See attached copy of description page.)

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## RECORD OF APPLICATION TO CHARTS

FILE WITH DESCRIPTIVE REPORT OF SURVEY NO. T-10484

## INSTRUCTIONS

A basic hydrographic or topographic survey supersedes all information of like nature on the uncorrected chart.

1. Letter all information.
2. In "Remarks" column cross out words that do not apply.
3. Give reasons for deviations, if any, from recommendations made under "Comparison with Charts" in the Review.

[illegible]