10494 Original

Diag. Cht. No. 1210-2.

Form 504

U. S. DEPARTMENT OF COMMERCE

COAST AND GEODETIC SURVEY

DESCRIPTIVE REPORT

Type of Survey Planimetric

Field No. Ph-163 *Office No.* T-10494

LOCALITY

State Rhode Island

General locality Narragansett Bay

Locality Wickford Harbor

19 56

CHIEF OF PARTY

Ira R. Rubottom, Chief of Party
William F. Deane, Balto. District Officer

LIBRARY & ARCHIVES

DATE 26 FEB 1968

USCOMM-DC 5087

10494

FORM 181
(4-23-54)

U.S. DEPARTMENT OF COMMERCE
COAST AND GEODETIC SURVEY

DESCRIPTIVE REPORT - DATA RECORD

T- 10494

Project No. (II): Ph-163 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 F. Deane

Instructions dated (II) (III): (11)9 April 1956
13 March 1957

Copy filed in Division of Photogrammetry (IV)

Method of Compilation (III): Kelsh Plotter

Manuscript Scale (III): 1:10,000 Stereoscopic Plotting Instrument Scale (III): 1:6000
(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

~~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): REYNOLDS, 1868

Lat.: 41° 33' 44.996" (1388.2 m) Long.: 71° 26' 52.185" (1209. 2m) Adjusted

Plane Coordinates (IV): State: Rhode Island Zone: ---

Y= X=

Roman numerals indicate whether the item is to be entered by (II) Field Party, (III) Photogrammetric Office, or (IV) Washington Office.

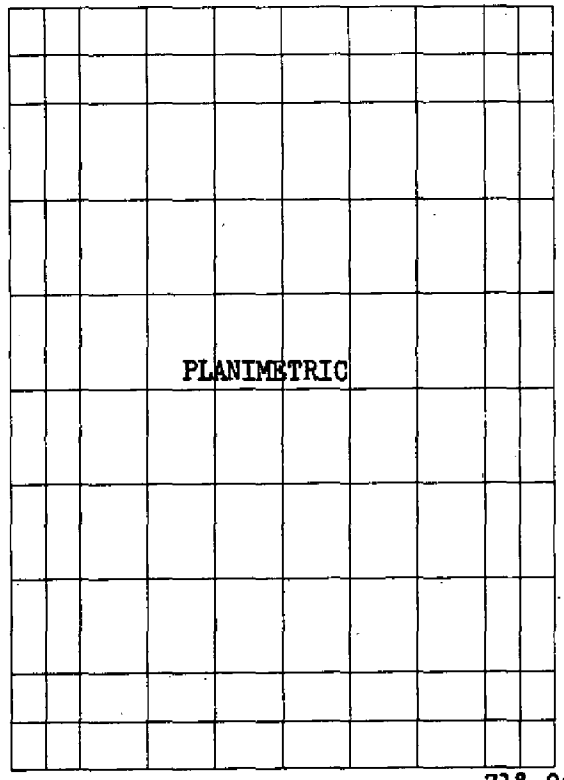
When entering names of personnel on this record give the surname and initials, not initials only.

FORM 181a
(4-23-54)

U.S. DEPARTMENT OF COMMERCE
COAST AND GEODETIC SURVEY

DESCRIPTIVE REPORT - DATA RECORD

71° 30.0'



41° 37.5'

41° 33.75'

71° 26.25'

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

DESCRIPTIVE REPORT - DATA RECORD

Field Inspection by (II): Mathew A. Stewart
Leo F. Beugnet
Date: May - October 1956

Planetable contouring by (II):
Date:

Completion Surveys by (II):
Date:

Mean High Water Location (III) (State date and method of location): 1956 date of photography supplemented by field inspection

Projection and Grids ruled by (IV): J. B. Phillips
Date: 8/5/57

Projection and Grids checked by (IV): J. B. Phillips
Date: 8/5/57

Control plotted by (III): J. C. Cregan
Date: 8/27/57

Control checked by (III): D. M. Brant
Date: 8/28/57

Radial Plot or Stereoscopic Control extension by (III): E. L. Rolle
Date: 9/30/57

Stereoscopic Instrument compilation (III):
Planimetry E. L. Williams
Date: 5/6/59
Contours
Date:

Manuscript delineated by (III): R. J. Mechlinski (scribed)
Date: 11/9/59

Photogrammetric Office Review by (III): J. W. Vonasek
Date: 10/7/59

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

U.S. DEPARTMENT OF COMMERCE
COAST AND GEODETIC SURVEY

DESCRIPTIVE REPORT - DATA RECORD

Camera (kind or source) (III): C&GS Type "W" 6" focal length.

PHOTOGRAPHS (III)

Number	Date	Time (EST)	Scale	Stage of Tide
56-W-140	5/1/56	0816	1:30,000	1.3
56-W-141 & 142	"	0817	"	1.7
56-W-143	"	0818	"	1.3
56-W-159	"	0828	"	1.3
56-W-160 & 161	"	0829	"	1.4
56-W-162	"	0830	"	1.4

Tide (III)
(from Predicted tables)

		Ratio of Ranges	Mean Range	Spring Range
Reference Station:	Newport, R. I.		3.5	4.4
Subordinate Station:	Wickford		3.8	4.7
Subordinate Station:				

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): 55
Shoreline (More than 200 meters to opposite shore) (III): 6.5 Statute Mi.
Shoreline (Less than 200 meters to opposite shore) (III): 1 Statute Mi.
Control Leveling - Miles (II):
Number of Triangulation Stations searched for (II): 11 Recovered: 11 Identified: 5
Number of BMs searched for (II): 3 Recovered: 3 Identified: 1
Number of Recoverable Photo Stations established (III): None
Number of Temporary Photo Hydro Stations established (III): None

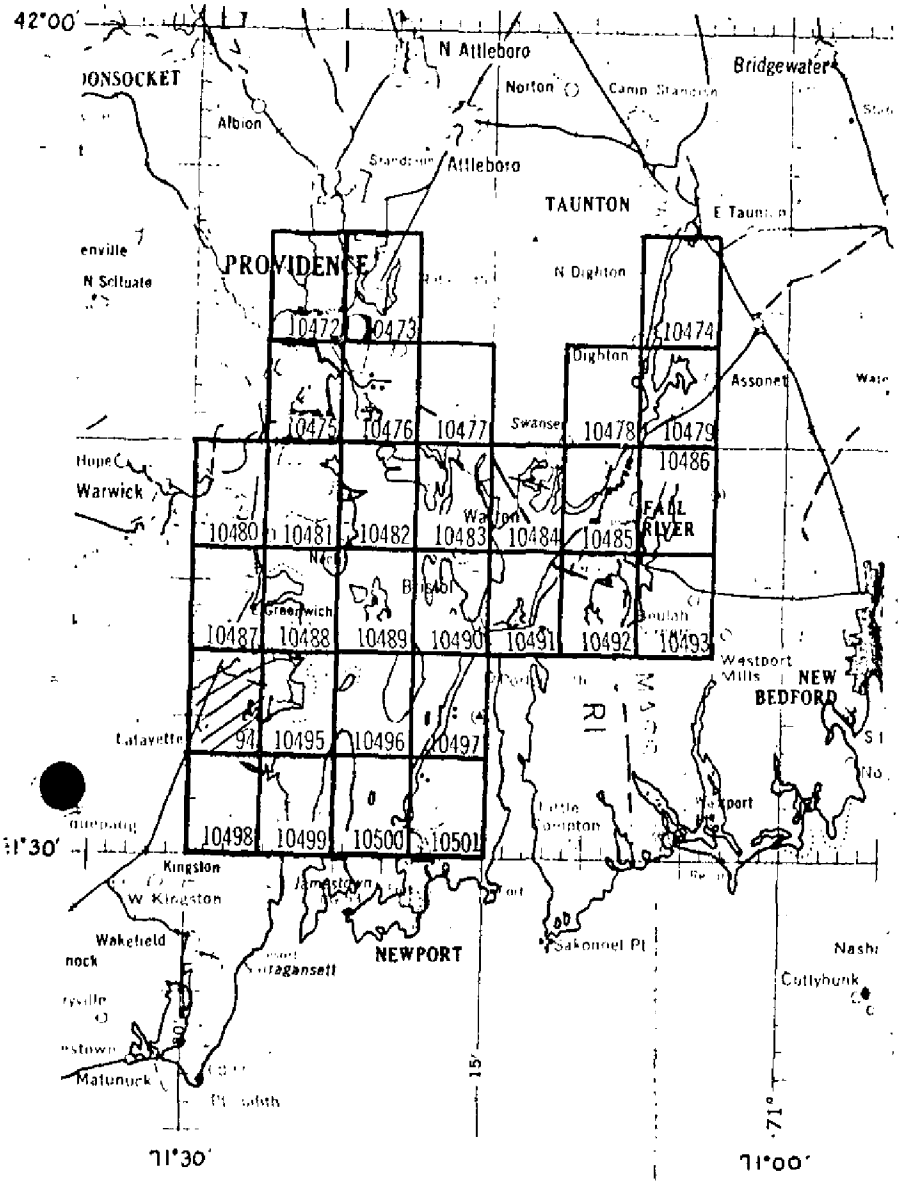
Remarks:

All bench marks searched for are Tidal Bench Marks.

PLANIMETRIC MAPPING PROJECT PH - 163

Narragansett Bay, Mass.- Rhode Island

- 6 -



OFFICIAL MILEAGE FOR COST ACCO

SHEET NO.	Lin.Mi. SHORELINE	ARE SQ.
10472	10	1
10473	7	13
10474	- 9 -	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	6
10492	4	11
10493	3	13
10494	2	13
10495	5	6
10496	5	4
10497	5	7
10498	- 0 -	14
10499	10	7
10500	6	4
10501	2	13
TOTALS	158	294

Summary to Accompany Descriptive Report
T-10494

T-10494 is one of 30 planimetric surveys comprising Project PH-163. The surveys cover the Narragansett Bay, Rhode Island-Massachusetts, area.

Field inspection preceded compilation. The inspection of rock details was incomplete.

The project was bridged by multiplex and compiled by Kelsh plotter.

Refer to the addendum to this "Summary" concerning an evaluation of project maps.

A cronaflex copy of the map will be registered.

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 appreciabl 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. Rebridging 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). SGB

FIELD INSPECTION REPORT
PROJECT 25120

Maps T-10494 through T-10501

2. AREAL FIELD INSPECTION

This area is composed of the southern portion of Narragansett Bay including parts of Aquidneck, Conanicut and Prudence Islands and the adjacent mainland.

The terrain is generally rolling hills, is well drained and is thickly populated; however there are no large cities. Part of the northern section of Newport and its attendant navy base is located in the southern part of the area along and in East Passage. Quonset Naval Air Station is located on the mainland in Map T-10495.

The entire area is well served by railroads and a good system of highways except for Prudence Island and all of the smaller islands. The latter are all part of the navy base. Prudence Island is connected to the mainland by ferry. Conanicut Island is connected to the mainland by a highway bridge over West Passage and by ferry across East Passage to Newport. The smaller islands are reached by U. S. Navy ferry only.

Ratio prints at 1:10000 scale of 1956 single lens photography were generally adequate for field inspection. Several 1954 ratio prints at 1:10000 scale were used in a few areas, chiefly for identification of hydrographic control located by plane table methods. The quality of all photography was generally good with no difficulty experienced in their interpretation except for a few instances in which the images of small objects suitable for horizontal control identification were not visible on the 1956 photography. This latter was not serious and did not materially hamper field work.

Photographs used for field inspection are listed below by map numbers:

T-10494
56-W-140, -142, -143
56-W-159 thru -162
160

T-10495 160
56-W-159 thru -162
56-W-200
54-W-1051

T-10496 201
56-W-200 thru -202
56-W-227, -228

T-10497
56-W-229
56-W-240 thru -242
56-W-471
54-W-1148 thru -1151
54-W-1194

T-10498
56-W-143 thru -146
56-W-157 thru -159

SEE NOTE NEXT PAGE

NOTE: PHOTOGRAPHS CIRCLED IN RED COULD NOT BE FOUND AT TIME OF FINAL REVIEW. *(SEE NOTE)

-11-

T-10499	T-10500	T-10501
56-W-156 thru -159	56-W-198, -200, -231	56-W-230, -238, -239, -379
56-W-198 thru -200	56-W-231 thru -233	56-W-471 thru -474
(199)	56-W-474	54-W-1125 (473)

3. HORIZONTAL CONTROL

Only control which was plotted on the project index was used by the field party. Some U. S. Geological Survey and U. S. Engineers control plotted on the index was recovered and indentified. No information was available as to the accuracy of this control.

The following stations were reported lost:

T-10494
(none)

T-10495
Allen, 1912
Poor House Barn, Cupola, 1912
Quonset 5, 1944
Quonset Naval Air Station, Boathouse Pole, 1944
Quonset Naval Air Station, Heating Plant Stack, 1944
White Rocks Beacon, 1912
Wickford Lighthouse, 1888

T-10496
Barn M Cupola, 1915
Bight, 1913
Halfway Rocks Beacon, 1912
Out, 1915
Round Tower, 1912
Seal, 1912

* THE NOS. OF PHOTOS USED IN PROJECT URBAN AREA INSPECTION ARE LISTED IN THE PROJECT COMPLETION REPORT

T-10497
Blue House, East Gable, 1917 11428
Butts, 1843
Cop. 1913
Dyer, 1906
Hall, 1906
LO, 1915
Melville Front Range Beacon, 1932
Melville Rear Range Beacon, 1932
Melville North Radio Tower, 1935
Melville South Radio Tower, 1935
Melville Yellow Stack, 1932
Overlook, 1934
USN 6, 1932
Windmill L, 1915 10496

T-10498
Champlin (USE), 1909
Monroe 3 (USE), 1909

T-10499
Boston Neck, 1843
Chimney N, 1915
Dutch Island Flag, 1912
Fox Island (USR), 1909
Owen Wister Water Tower, 1912
Sand, 1912
Tank, 1915

T-10500
Bishop, 1932
East Radio Tower, Training Station, 1932
Gull Rocks, 1934
Jamestown, 1888
Jamestown, Gray Stack, 1932
Jamestown, Hotel Cupola, 1932
Jamestown Standpipe, 1912
Potters Cove Front Range, 1915
Rose Island 2, 1912
Rose Island Aero Light, 1934
Trial Course, Front Range Pole at South End of, 1915
Trial Course, Rear Range Pole at South End of, 1915
USN 8, 1932

T-10501
Anderson Barn Cupola, 1868
Black Tank, 1917
Slate, 1843

4. VERTICAL CONTROL

This phase was restricted to the recovery of tidal bench marks.

5. CONTOURS AND DRAINAGE

Countours inapplicable.

All streams are perennial and as a whole are self-evident on the photographs. They have been examined stereoscopically and classified where deemed necessary to aid compilation.

Marsh and swamp limits have been indicated on the photographs except in some instances where small isolated swamps were only labeled or left unlabeled for office classification by analogy from the nearby swamp areas.

6. WOODLAND COVER

Woodland cover was classified in accordance with reference 5433, Topographic Manual, Part II and adequately covered by field inspection notes on the photographs.

7. SHORELINE AND ALONGSHORE FEATURES

A line of marine vegetation along the foreshore is very evident on the photographs due to the difference in photographic tones. This line was visually inspected and verified as the MHWL as photographed in May 1956.

An approximate low water line was indicated where practical to do so.

All bluffs and cliffs of landmark value have been indicated on the photographs.

The shore ends of all submerged cables were identified.

All other shoreline features and structures are adequately covered by field inspection notes on the photographs.

8. OFFSHORE FEATURES

All rocks were not visited during shoreline inspection as hydrography was in progress in the area at the same time. Only those rocks visible at the time of field inspection were indicated with their elevations above water measured and noted on the photographs.

9. LANDMARKS AND AIDS

WICKFORD HARBOR NORTH BREAKWATER LIGHT was located by third-order triangulation methods. All other fixed aids to navigation were located previously by triangulation methods and had not been moved or rebuilt since their location. This does not include those aids established and maintained by the U. S. Navy. These latter aids were found to be inoperative in the case of all but one in the entire area. The various headquaters units were contacted in an attempt to secure information regarding these aids but no one knew who had the responsibility of establishing and maintaining the aids.

10. BOUNDARIES, MONUMENTS AND LINES

Boundaries effecting this area which have been previously mapped on current editions of topographic quadrangle maps of the U. S. Geological Survey are as follows. These boundaries were verified to be as mapped by local officials:

Kent County, Rhode Island, Map T-10494
Washington County, Rhode Island, Maps T-10494, T-10495 and T-10499.

Newport County, Rhode Island, Maps T-10495 and T-10499
City of Newport, Rhode Island, Map T-10501

Boundaries which have not been previously mapped are as follows:
U. S. Navy Property, Newport, Rhode Island,
U. S. Naval Air Station, Quonset Point, Rhode Island
U. S. Naval Construction Battalion Center, Davisville, R. I.

One map of each of these boundaries is being furnished. In addition the boundaries were placed on the photographs.

All monuments reported to exist on all boundaries were searched for and identified if recovered.

11. OTHER CONTROL

Four plane table graphic control sheets cover part of this area. One sheet, Ph-1-L-56, is a partial one used to obtain a stronger position on a few hydrographic signals; another sheet was completed in order to furnish control in the West Passage to the East Coast Field Party; and, the two remaining sheet were completed solely for training purposes. The four sheets are as follows:

Ph-1-L-56 Partial sheet
Ph-1-J-56 Trainig sheet
Ph-1-M-56
Ph-1-N-56 Training sheet

No recoverable topographic stations were required due to the existing horizontal control.

12. OTHER INTERIOR FEATURES

All roads were classified in accordance with reference 5441, Topographic Manual, Part II, and the Project Instructions.

Buildings were classified in accodance with reference 5446, Topographic Manual, PartII, and the Project Instructions.

U. S. Naval Air Station, Quonset Point, is the only airport in the area. It is strictly a military field.

There are no overhead cable crossings in the area.

Bridge clearances were measured and are as tabulated on the following page:

TABULATION OF BRIDGE CLEARANCES

Waterway	Name or Location	Type	Measured Horiz.	Measured Vert.	Bridge Book Horiz.	Bridge Book Vert.	Map No.
Wickford Cove	HamiltonAve.	F	80.0	3.9	80	4.6	T-10494
Narragansett Bay (West Passage)	Jamestown - N. Kingstown	F	626	143.9	600	144.4	T-10499
Coasters Harbor	Newport	Sw*	33.5	3.3	31.5	3.5	T-10500
Coasters Harbor	Newport	F**	16.5	5.8	Not listed		T-10500
Coasters Harbor	Newport	F	22.0	1.3	Not listed		T-10500

* This bridge is now a fixed bridge. Furnishes access to waters now under U. S. Navy control.

** Footbridge only - no vehicular traffic.

-37-

13. GEOGRAPHIC NAMES

No formal geographic names report was submitted, as a complete investigation of names was not made. Names sheets were prepared on which were indicated known discrepancies. All information necessary to resolve these discrepancies wase noted directly upon the prepared sheets which, in turn were forwarded to the office in lieu of a formal report.

14. SPECIAL REPORTS AND SUPPLEMENTAL DATA

Traingulation data, Project 25120, original copies, forwarded to Washington 30 November 1956 in Pkg. No. 57-019.

Triangulation data, Project 25120, duplicate copies, forwarded to Washington 30 November 1956 in Pkg. No. 57-020.

Graphic Control sheets, Project 25120 (13870), forwarded to Washington 3 December 1956 in Pkg. No. 57-023.

Forms 567, Fixed aids to navigation, landmarks for nautical and aeronautical charts to be forwarded at a later date.

One map, U. S. Navy Property, Newport.

One map, U. S. Naval Air Station, Quonset Point.

One map, U. S. Naval Construction Battalion Center, Davisville.

One map, City of Newport, Rhode Island.

Submitted:
Leo F. Beugnet
Leo F. Beugnet
Cartographic Survey Aid

Approved:
Ira R. Rubottom
Ira R. Rubottom
Chief of Party

FORM 164
(4-23-54)

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

DESCRIPTIVE REPORT — CONTROL RECORD

MAP T-10494 PROJECT NO. 58220 Ph-163 SCALE OF MAP 1:10,000 SCALE FACTOR 1.000

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)
CAMP THOMAS ELEV. TANK (WEST), 1944	G-6230 p. 97	N.A. 1927	41 36 26.168	807.3	1043.7					
			71 27 01.615	37.4	1351.9					
NORTH KINGSTOWN STANDPIPE, 1944	G-6230 p. 95	"	41 34 29.296	903.8	947.2					
			71 27 50.779	1176.4	213.6					
WICKFORD HARBOR NORTH BREAKWATER LIGHT, 1956	GP p. 169	"	41 34 27.228	840.0	1011.1					
			71 26 18.213	421.9	968.1					
BM 614 USGS	Back of Book U.S.G.S.	"	41 34 32.31	996.8	854.2		West of Project Limit			
			71 31 01.00	23.1	1366.9					
VAUGHNS HOUSE CUPOLA, 1868	G-6522 p. 145	"	41 34 25.07	773.4	1077.6					
			71 27 45.79	1060.9	329.2					
BM 331 U.S.G.S.	Back of Book U.S.G.S.	"	41 34 40.97	1264.0	587.0		West of Project Limit			
			71 30 36.60	847.9	542.1					
B.M. 615 U.S.G.S.	"	"	41 33 51.95	1602.7	248.3		West of Project Limit			
			71 31 04.49	104.0	1286.2					
WICKFORD BAPTIST CHURCH, 1868	G-6522 p. 145	"	41 34 19.023	586.0	1264.1					
			71 27 05.440	126.0	1264.0					
WICKFORD EPISCOPAL CHURCH SPIRE, 1912	G-6230 p. 95	"	41 34 17.753	547.7	1303.3					
			71 27 02.037	47.2	1342.9					
WICKFORD LIGHTHOUSE OLD TOWER, 1843	"	"	41 34 15.358	473.8	1377.2					
			71 26 22.720	526.4	863.7					
Sub. Pt. BM 614 USGS	Comp.	"	41 34	1037.3	813.7	WEST OF ~~PROJECT LIMIT~~				
			71 30	1366.0	24.0					

1 FT. = .3048006 METER

COMPUTED BY: J. C. Richter — DATE 18 July 1957 — CHECKED BY: Henry P. Eichert — DATE 23 July 1957

COMM-DC-57843

COMPILATION REPORT
T-10494
Ph-163

The photogrammetric plot report is part of the descriptive report for survey No. T-10472.

31. DELINEATION

The Kelsh Plotter was used for delineation.

32. CONTROL

Horizontal control was adequate.

Vertical control is inapplicable.

33. SUPPLEMENTAL DATA

The Wickford, R. I. quadrangle was used as the Final Name Sheet, dated 5 March 1957.

Map of U. S. Naval Air Station, Quonset Point, R. I. and The Station Map of U. S. Naval Construction Battalion Center, 1956.

34. CONTOURS AND DRAINAGE

Contours are inapplicable.
Drainage is complete.

35. SHORELINE AND ALONGSHORE DETAILS

All shoreline details are from field inspection which was adequate.

The low water lines are from field inspection.

36. OFFSHORE DETAILS

Charles Rock and Three Sisters, two features shown on chart 236, could not be delineated from the photographs. See paragraph 8 of the Field Inspection Report.

37. LANDMARKS AND AIDS

Forms 567 have been submitted for one aid to navigation and three landmarks to be charted.

38. CONTROL FOR FUTURE SURVEYS

No recoverable topographic stations nor photo-hydro signals were established.

39. JUNCTIONS

Junctions with the following surveys have been made:
To the north with survey T-10487.
To the east with survey T-10495.
To the south with survey T-10498
To the west there is no contemporary survey.

40. HORIZONTAL AND VERTICAL ACCURACY

No comment.

41 - 45 Inapplicable.

46. COMPARISON WITH EXISTING MAPS

U.S.G.S. Wickford, R. I. quadrangle, scale 1:24,000, edition of 1959.

Bureau Survey T-5751 (1944), scale 1:20,000 date of June 1949.

47. COMPARISON WITH NAUTICAL CHARTS

Chart No. 236, scale 1:20,000, published 2/17/58, revised 9/22/58.

Items to be applied to nautical charts immediately: None.

Items to be carried forward: None.

Respectfully submitted
6 May 1959

Elmer L. Williams
Elmer L. Williams
Carto. (Photo.)

Approved and Forwarded

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

FORM 182
(6-12-56)

U.S. DEPARTMENT OF COMMERCE
COAST AND GEODETIC SURVEY

20

PHOTOGRAMMETRIC OFFICE REVIEW

T-

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 alongshore 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 W Bracek
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:

Review Report
Planimetric Map T-10494
December 1966

61. General Statement

This map has not been used for hydrographic survey support purposes.

62. Comparison with Registered Topographic Surveys

T-5751	1:20,000	1944

T-10494 supersedes the prior maps for nautical charting purposes in the common area.

63. Comparison with Maps of Other Agencies

USGS quad. Wickford R.I.	1:24,000	1959

A comparison was made with the quad during compilation. A number of differences were noted in names (streets, schools, etc.). This information is not applicable to modern charts or hydrographic surveys.

64. Comparison with Contemporary Hydrographic Surveys

Inapplicable

65. Comparison with Nautical Charts

No. 236	1:20,000	July 1966

The chart includes more complete rock details.

66. Comparison with Prior Hydrographic Surveys

H-6970	1:10,000	1944

Alongshore rock information is more complete on H-6970. Project photography was poor for the purpose of interpreting rocks and field inspection was incomplete.

67. Adequacy of Results and Future Surveys

The addendum to the Descriptive Report "Summary" includes an evaluation of the project maps. The maps will be registered; remapping, however, is recommended for future hydrographic survey support.

Reviewed by

S. G. Blankenbaker
S. G. Blankenbaker

Approved by

Chief, Photogrammetric Branch

Z. Ralph Sobieralski FEB 0 6 1968
Chief, Photogrammetry Div.

John C. Boyer 2/26/68
Chief, Marine Chart Div.

1-9-68

GEOGRAPHIC NAMES

FINAL NAME SHEET

PH-163 (Rhode Island)

T-10494

Academy Cove
Belleville Pond
Big Rock Point
Black Swamp
Briggs Corner
Calf Neck
Cedar Tree Point
Charles Rock
Cocumcussoc Brook
Cold Spring Beach
Cornelius Island
Davisville
~~Davisville Mill Pond~~ Davisville Millpond-F.F.
East Greenwich
Fishing Cove
Hornbeam Chapel
Hunt River
Lafayette

Kent County-F.F.
Washington County-F.F.
Quonset Point Air Station-F.F.
North Kingstown-F.F.
Sweet Cemetary
Quidnesett Church and Cemetary-F.F.

Long Point
Mill Cove
Mill Creek
Narragansett Bay
Old Meetinghouse
Point Wharf
Poplar Point
Pork Hill
Rabbit Island
Sandhill Brook
Sauga Point
Shore Acres
Three Sisters
Wickford
Wickford Cove
Wickford Harbor
Wickford Junction

Approved by:

A. Joseph Wraight
A. Joseph Wraight
Chief Geographer

Prepared by:

Frank W. Pickett
Frank W. Pickett
Cartographic Technician

Form 567
April 19

U.S. DEPARTMENT OF COMMERCE
COAST AND GEODETIC SURVEY

NONFLOATING AIDS ~~OR LANDMARKS~~ FOR CHARTS

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

Morgan City, La. 5 February 19 57

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 Leo F. Beugnet

/s/ I. R. Rubottom
Chief of Party.

STATE	RHODE ISLAND		POSITION						METHOD OF LOCATION AND SURVEY No.	DATE OF LOCATION	HARBOR CHART	INSHORE CHART	OFFSHORE CHART	CHARTS AFFECTED
			LATITUDE*			LONGITUDE*								
CHARTING NAME	DESCRIPTION	SIGNAL NAME	° ′	″ D.M. METERS		° ′	″ D.P. METERS	DATUM						
LT	Wickford Harbor North Breakwater Light (△ WICKFORD HARBOR NORTH BREAKWATER LIGHT, 1956)		41 34	27.228 840.0		71 26	18.213 421.9	N.A. 1927	Triang. T-10494	8/13/56	x	x		236, 353, 1210

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

Form 567
April 19[redacted]

U.S. DEPARTMENT OF COMMERCE
COAST AND [redacted]ODETIC SURVEY

~~NONFLOATING AIDS OR~~ LANDMARKS FOR CHARTS

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

Morgan City, La. 5 February 1957

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 Isaiah Y. Fitzgerald

/s/ I. R. Rubottom
Chief of Party.

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	CHARTS AFFECTED
TOWER	wooden, light house, ht=43 (56) (△ WICKFORD LIGHTHOUSE OLD TOWER, 1843)		41 34	15.358 473.8	71 26	22.720 526.4	N.A. 1927	Triang T-10494		x	x		236, 353, 1210
SPIRE	wooden, Church spire, ht=93 (99) (△ WICKFORD EPISCOPAL CHURCH SPIRE, 1912)		41 34	17.753 547.7	71 27	02.037 47.2	N.A. 1927	"		x	x		236, 353, 1210
STANDPIPE	steel, water, ht=120 (208) (△NORTH KINGSTOWN STANDPIPE, 1944)		41 34	29.296 903.8	71 27	50.779 1176.4	"	"	7/13/56	x	x		353, 1210

1-25-1

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 sheets. Information under each column heading should be given.

* TABULATE SECONDS AND METERS

Comm-DC 28356

NOTE TO REVIEWER

The U. S. Naval Reservation boundaries are delineated in agreement with the reservation maps furnished by the field party. It is felt that the lines delineated by the field party on the photographs are not intended as a contradiction in a few places where they deviate slightly from the plans. In addition two areas west of Davisville were brought to scale in the Vertical Projector and the positions were adjusted to fit features on the photographs for proper delineation on the manuscript.

FORM C&GS-8352
(3-25-63)

NAUTICAL CHART DIVISION

RECORD OF APPLICATION TO CHARTS

FILE WITH DESCRIPTIVE REPORT OF SURVEY NO. T10494

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.

CHART	DATE	CARTOGRAPHER	REMARKS
1210	4/17/69	H. Quimby	Full ~~Part Before~~ After Verification Review Inspection Signed Via
			Drawing No. 50 – Examined, no correction
236	6-18-69	H. Ladd	Full ~~Part Before~~ After Verification Review Inspection Signed Via
			Drawing No. 36 Added TWO rocks
278	8-14-69	O. Chapman	Full ~~Part Before~~ After Verification Review Inspection Signed Via
			Drawing No. 25 NO. Corr.
278	2-17-71	W. Chandler	Full ~~Part Before~~ After Verification Review Inspection Signed Via
			Drawing No.
			Full ~~Part Before~~ After Verification Review Inspection Signed Via
			Drawing No.
			Full Part Before After Verification Review Inspection Signed Via
			Drawing No.
			Full Part Before After Verification Review Inspection Signed Via
			Drawing No.
			Full Part Before After Verification Review Inspection Signed Via
			Drawing No.
			Full Part Before After Verification Review Inspection Signed Via
			Drawing No.

FORM C&GS-8352 SUPERSEDES ALL EDITIONS OF FORM C&GS-978.

USCOMM-DC 8558-P69