10500 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-10500

LOCALITY

State: Rhode Island

General locality: Narragansett Bay

Locality: Gould Island

1956-57

CHIEF OF PARTY

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

LIBRARY & ARCHIVES

DATE 26 FEB 1968

USCOMM-DC 5087

10500

FORM 181
(4-23-54)

U.S. DEPARTMENT OF COMMERCE
COAST AND GEODETIC SURVEY

DESCRIPTIVE REPORT - DATA RECORD

T- 10500

Project No. (II): Ph-163 ~~R5420~~ Quadrangle Name (IV):

Field Office (II): East Providence, R. I. Chief of Party: Ira R. Rubottom

Photogrammetric Office (III): Baltimore, Maryland Officer-in-Charge: William F. Deane

Instructions dated (II) (III):
(II) 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): 1:6,000 (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): Vertical Datum (III): MHW

N.A. 1927

[redacted]:
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): GOULD ISLAND, 1843

Lat.: 41° 32' 03.750"(115.7 m) Long.: 71° 20' 42.130"(976.7 m) Adjusted [redacted]

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

Y= X=

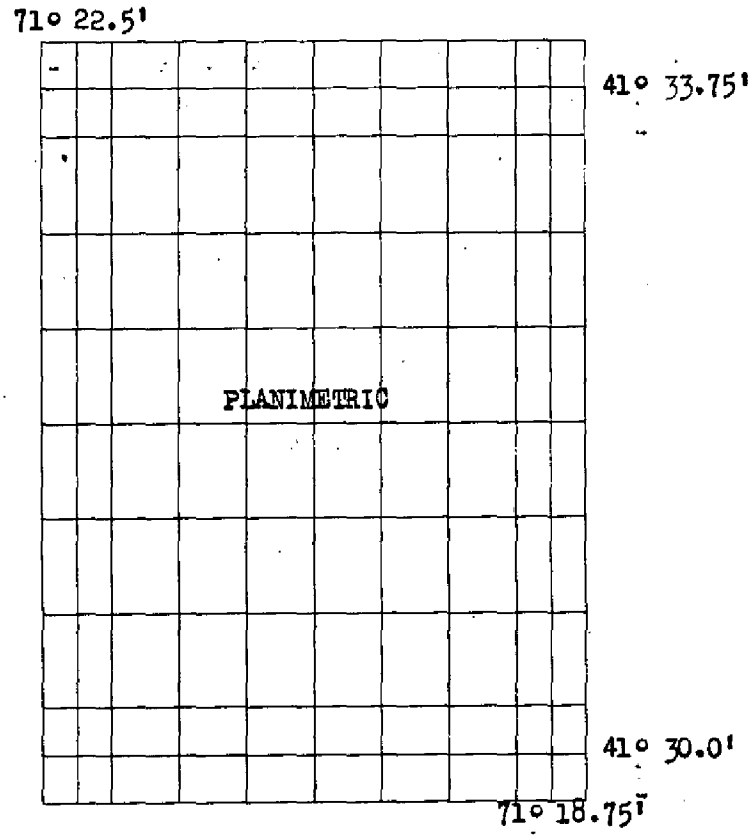
Roman numerals indicate whether the item is to be entered by (II) Field Party, (III) Photogrammetric Office, or (IV) Washington Office.

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



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

FORM 181b
(4-23-54)

U.S. DEPARTMENT OF COMMERCE
COAST AND GEODETIC SURVEY

DESCRIPTIVE REPORT - DATA RECORD

Field Inspection by (II): John S. Winter
Leo F. Beugnet
Date: May - October 1956

Planetable contouring by (II):
Date:

Completion Surveys by (II): * SEE FOOTNOTE
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): Joan Chaconas
Date: 3/8/57

Projection and Grids checked by (IV): H. D. Wolfe
Date: 3/57

Control plotted by (III): J. C. Richter
Date: 8/2/57

Control checked by (III): E. L. Rolle
Date: 8/23/57

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

Stereoscopic Instrument compilation (III): Planimetry J. C. Richter
Date: 1/31/58

xxxxxxxx
Date:

Manuscript delineated by (III): R. J. Ryan
(scribed)
Date: 6/2/59

Photogrammetric Office Review by (III): J. W. Vonasek
Date: 12/12/58

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

* FIELD EDIT

LIMITED FIELD EDIT WAS ACCOMPLISHED IN CONJUNCTION WITH CONTEMPORARY HYDRO GRAPHIC SURVEYS H-8367 AND H-8394. DATE: 1956-57

NO DISCREPANCY PRINT WAS SUBMITTED.

COMM-DC-57842

U.S. DEPARTMENT OF COMMERCE
COAST AND GEODETIC SURVEY

DESCRIPTIVE REPORT - DATA RECORD

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

PHOTOGRAPHS (III)

Number	Date	Time	Scale	Stage of Tide
56-W-230 thru 232	5/1/56	0923	1:30,000	1.0 above MLW
56-W-198 thru 200	"	0856	"	1.6 " "

Tide (III)
(from Predicted tables)

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

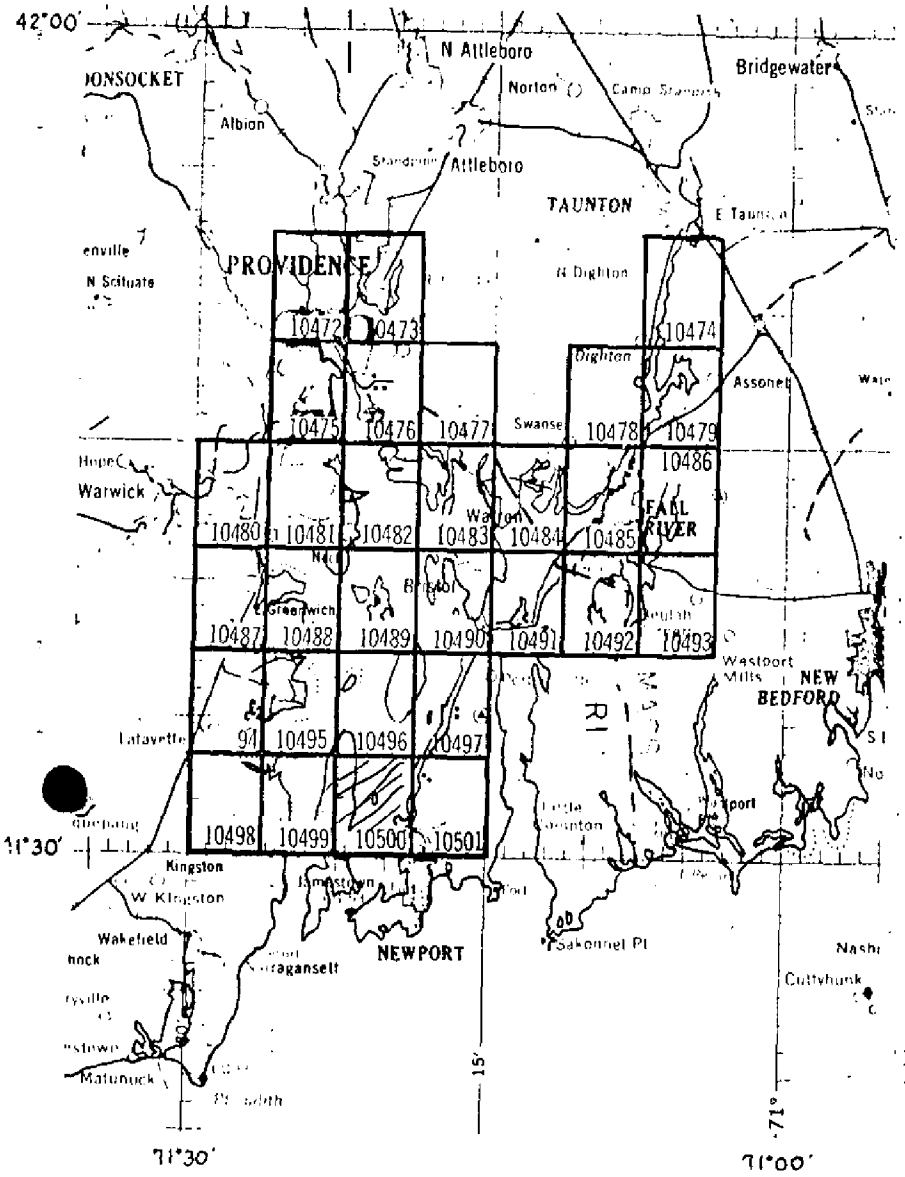
Land Area (Sq. Statute Miles) (III): 4.5
Shoreline (More than 200 meters to opposite shore) (III): 11.8 mi.
Shoreline (Less than 200 meters to opposite shore) (III): 1 mi.
Control Leveling - Miles (II):
Number of Triangulation Stations searched for (II): 38 Recovered: 25 Identified: 8
Number of BMs searched for (II): 10 Recovered: 8 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



OFFICIAL MILEAGE FOR COST ACCO

SHEET NO.	Lin.Mi. SHORELINE	AR SQ.
10472	10	1
10473	7	1
10474	- 0 -	1
10475	8	1
10476	6	1
10477	2	1
10478	1	1
10479	7	1
10480	2	13
10481	4	13
10482	8	4
10483	6	11
10484	3	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-10500

T-10500 is one of 30 planimetric maps comprising Job PH-163. The project covers the Narragansett Bay, Massachusetts-Rhode Island area.

The project area was field inspected. Limited field edit of this survey was accomplished in conjunction with hydrographic surveys H-8367 and H-8394.

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

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
Map T-10500

Please refer to the Field Inspection Report for Map T-10494 for all data pertaining to this map.

Martin C. Moody
Cartographic Survey Aid

Approved:

Ira R. Rubottom
Chief of Party

FIELD INSPECTION PHOTOGRAPHS — 56W 198, 200, 231, 232, 233

PHOTOGRAPHS 56W 200 AND 233 WERE MISSING AT THE TIME OF FINAL REVIEW - APPARENTLY LOST.

FORM 164
(4-23-54)

U.S. DEPARTMENT OF COMMERCE COAST AND GEODETIC SURVEY

DESCRIPTIVE REPORT CONTROL RECORD

MAP T- 10500 PROJECT NO. 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)
REAR RANGE BEACON SOUTH END, 1932	G-4740 p. 61	N.A. 1927	41 32 47.421	1463.0	388.0					
			71 21 45.821	1062.0	328.6					
GULL ROCKS LIGHTHOUSE, 1869	G-6572 p. 138	"	41 30 08.760	270.3	1580.8					
			71 20 01.206	28.0	1363.6					
POTTERS COVE REAR RANGE, 1915	G-6522 p. 138	"	41 30 45.787	1412.6	438.5					
			71 22 23.785	551.6	839.8					
NAVAL TRAINING STATION SOUTH TANK, 1943	G-5789 p. 70	"	41 30 56.639	1747.4	103.7					
			71 19 07.538	174.8	1216.5					
NAVAL TRAINING STATION CENTER TANK, 1943	"	"	41 31 00.664	20.5	1830.6					
			71 19 03.866	89.6	1301.6					
BISHOP 2, 1943	"	"	41 31 04.017	123.9	1727.1					
			71 19 52.311	1213.0	178.3					
USN 56, 1932	G-4740 p. 58	"	41 30 11.674	360.2	1490.9					
			71 19 32.928	763.7	627.8					
LIGHT ON ROCK, 1932	G-4740 p. 60	"	41 30 09.194	283.6	1567.4					
			71 19 34.094	790.7	600.8					
WAR COLLEGE CUPOLA, 1915	"	"	41 30 26.383	813.9	1037.1					
			71 19 48.201	1117.8	273.6					
SOUTHEAST WAR COLLEGE TANK, 1943	G-5789 p. 70	"	41 30 12.311	379.8	1471.2					
			71 19 21.379	495.8	895.7					
GULL ROCKS BEACON, 1932	G-4740 p. 60	"	41 30 08.484	261.7	1589.3					
			71 20 00.922	21.4	1370.2					
ROSE ISLAND TANK, 1934	G-4644 p. 40	"	41 29 43.985	1357.0	494.0		SOUTH OF PROJECT			
			71 20 25.791	598.2	793.4					

1 FT. = .3048006 METER

COMPUTED BY: J. C. Richter DATE 7/22/57 CHECKED BY: J. C. Cregan DATE 8/6/57

COMM-DC-57843

ORM 164
4-23-54)

U.S. DEPARTMENT OF COMMERCE
COAST AND GEODETIC SURVEY

DESCRIPTIVE REPORT
CONTROL RECORD

MAP T-10500 PROJECT NO. 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)
NAVAL TRAINING STATION NORTH TANK, 1943	G-5789 p. 70	N.A. 1927	41 31 07.54	232.6	1618.4					
			71 19 19.53	452.8	938.4					
MILL, 1915	G-6522 p. 141	"	41 30 55.694	1718.2	132.8					
			71 22 28.657	664.5	726.8					
GOULD ISLAND TANK, 1932	G-4644 p. 40	"	41 32 01.235	38.1	1812.9					
			71 20 42.273	980.0	410.9					
GOULD ISLAND BEACON 1932	G-4740 p. 62	"	41 31 45.522	1404.4	446.6					
			71 20 40.273	933.6	457.4					
CONANICUT ISLAND DUTCH WINDMILL, 1932	"	"	41 30 55.711	1718.7	132.3		Same location as Mill 1915			
			71 22 28.645	664.2	727.0					
GOULD ISLAND, 1843	G-4740 p. 67	"	41 32 03.750	115.7	1735.3					
			71 20 42.130	976.7	414.2					
GOULD ISLAND LIGHTHOUSE, 1897	G-6522 p. 142	"	41 32 02.65	81.8	1769.3					
			71 20 37.29	864.5	526.4					
FRONT RANGE BEACON SOUTH END, 1932	G-4740 p. 61	"	41 32 47.335	1460.3	390.7					
			71 21 42.237	978.9	411.7					
NAVAL COLLEGE DOME, 1888	G-6522 p. 137	"	41 30 26.313	811.8	1039.3					
			71 19 43.452	1007.7	383.7					
FLAGPOLE TRAINING STATION, 1932	G-4740 p. 62	"	41 30 25.170	776.5	1074.5					
			71 19 43.629	1011.8	379.7					
U.S.N. 9, 1932	G-4740 p. 58	"	41 30 25.976	801.4	1049.7					
			71 19 50.585	1173.1	218.3					

1 FT. = .3048006 METER

COMPUTED BY: J. C. Richter DATE 22 July 1957 CHECKED BY: J. C. Cregan DATE 7 August 1957

COMM-DC-57843

COMPILATION REPORT
T-10500

The photogrammetric plot report for this survey 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

U. S. Naval Station, Newport, R. I. Map showing Government Property, Melville to Long Wharf-2/6/56.
Final name sheet dated 5 March 1957.
Map of the City of Newport, R. I.
Copies of Boat sheets H-8367, H-8394 for comparison.

34. CONTOURS AND DRAINAGE

Drainage is complete.
Contours: Inapplicable.

35. SHORELINE AND ALONGSHORE DETAILS

The MHWL around Gull Rocks is from office interpretation. All other shoreline is from field inspection which was thorough.

Low-water lines are from field inspection.

36. OFFSHORE DETAILS

Refer to paragraph 8 of the field report.

37. LANDMARKS AND AIDS

Forms 567 were submitted for twelve landmarks and five aids to be charted and two landmarks to be deleted.

No field identification could be found for Gould Island Light. This light was listed by field party on Form 567 to be located by Radial Plot. With the aid of Chart 236 the light was office identified and located on the manuscript.

Refer to the attached letter to the Director regarding this light.

38. CONTROL FOR FUTURE SURVEYS

No recoverable topographic stations were establishd.

A number of hydrographic signals in the area were observed in the Kelsh models. Their positions were in good agreement with Graphic Control survey PH-I-N-56.

Refer to the "Descriptive Report to accompany Graphic Control Survey Sheets Ph-I-A-56 thru Ph-I-N-56" submitted for this project.

39. JUNCTIONS

Junctions have been made as follows:
To the north with T-10496
To the east with T-10501
To the south with T-11433 (Ph-142)
To the west with T-10499

40. HORIZONTAL AND VERTICAL ACCURACY

No comment.

41 thru 45

Inapplicable.

46. COMPARISON WITH EXISTING MAPS

U.S.G.S. 7½ minute quad, Prudence Island, R. I., scale 1:24,000, edition of 1958. Refer to paragraph 46 of the Descriptive Report for survey T-10499.

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

47. COMPARISON WITH NAUTICAL CHARTS

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

Items to be applied to nautical charts immediately: None.

Items to be carried forward: None.

Respectfully submitted
25 July 1958

John C. Richter
John C. Richter
Carto. Photo. Aid

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

PHOTOGRAMMETRIC OFFICE REVIEW

T- 10500

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

CONTROL STATIONS

4a. Classification label ✓

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 Voracek — Reviewer; Henry T Fischer — 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.

S.G. BLANKENBAKER — Compiler

Supervisor

43. Remarks: DEC. 1966
(REFER TO SIDE HEADING #64 — REVIEW REPORT)

COMM-DC 34529

REVIEW REPORT
T-10500
December 1966

61. General Statement

Parts of this map were used in support of hydrography - surveys H-8367 and H-8394. The remainder of the mapped area is covered by H-6859, dated 1943.

62. Comparison with Registered Topographic Surveys

T-5751	1:20,000	1944

T-10500 supersedes the prior survey for charting purposes in the common area.

63. Comparison with Maps of Other Agencies

USGS quad, Prudence Island	1:24,000	1955

Discrepancies exist between the quad and T-10500 in the horizontal positions of roads on Conanicut Island. When the quad is enlarged to the scale of T-10500 (1:10,000) the differences in positions amounts to approximately 4mm. The positions of several road intersections scaled from prior photogrammetric survey T-5751 agree approximately with the positions of the apparent same features as mapped on T-10500. Refer to side headings 64 and 67 of this report and the Summary concerning map adequacy and accuracy.

64. Comparison with Contemporary Hydrographic Surveys

H-8394	1:5,000	1956
H-8367	1:10,000	1956-57

Changes made on the hydrographic survey smooth sheets in photogrammetric survey details were applied to T-10500 during this review. As a result of incomplete field inspection and photography that was poor for the purpose of interpreting features, the hydrographic surveys contain many rocks not mapped on T-10500.

Survey H-8367 was classified as basic only for charting. The following is relevant to an evaluation of the adequacy and accuracy of T-10500: Paragraph in hydrographic survey review report - "The positions of some triangulation stations on the graphic control surveys are not plotted with the prescribed accuracy and affects the reliability of other

station locations on those surveys". During compilation of T-10500 a number of hydrographic signals (photo identified in the field) were observed in the Kelsh models. Their positions were found to be in good agreement with graphic control survey locations. The signal locations on T-10500 were not rechecked in the Washington office as was the case of other surveys - refer to the combined "Summary Addendum" included in this report.

65. Comparison with Prior Hydrographic Surveys

H-6859	1:10,000	1943

One possible discrepancy in rock information was noted - latitude 41° 33.3' and longitude 71° 21.6'. A rock awash (MHW) is located (T-10500) approximately 1.0mm inshore from the position of a rock awash (MLW) as shown on H-6859. The rock shown on T-10500 was field inspected - information required for computing the elevation was furnished. Two rocks may exist at this location. Photography was inadequate for resolving the possible discrepancy.

66. Comparison with Nautical Charts

No. 236	1:20,000	July 11, 1966

The chart has been revised in part from more recent sources. No discrepancies were noted.

67. Adequacy of Results and Future Surveys

Difficulties encountered by the hydro survey (H-8367) verifier are discussed under side heading 64 and in the hydro survey Descriptive Report. No particular problems with photogrammetric survey information were mentioned in the review report for H-8394, scale 1:5,000.

The addendum to the Summary included in this Descriptive Report contains additional information pertaining to the adequacy and accuracy of project maps. The maps are to be registered; remapping, however, is recommended for future hydro survey support purposes.

Reviewed by:

S. G. Blankenbaker

Approved by:

Charles Lemmon
Chief, Photogrammetric Branch

A. Ralph Sobieralski FEB 09 1968
Chief, Photogrammetry Division

John D. Boyer 2/26/68
Chief, Marine Chart Division

1-9-68

GEOGRAPHIC NAMES

FINAL NAME SHEET

PH-163 (Rhode Island)

T-10500

Bishop Rock
Bishop Rock Shoal
Bryer Point
Coasters Harbor
Coasters Harbor Island
Coddington Cove
Coddington Point
Conanicut Island
Conanicut Park
Cranston Cove
East Passage
Fowler Rocks
Freebody Hill
Gould Island
Great Creek
Gull Rocks
Jamestown
Jamestown Reservoir
Narragansett Bay
Newport
Potter Cove
Rhode Island
Round Swamp
Taylor Point
The Sisters
Windmill Hill

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

Baltimore, Maryland, 23 October, 1958

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 Joseph W. Vonasek

William F. Deane, *Chief of Party.*

STATE: RHODE ISLAND

CHARTING NAME	DESCRIPTION	SIGNAL NAME	POSITION LATITUDE* ° ′	LATITUDE* ″ D.M. METERS	POSITION LONGITUDE* ° ′	LONGITUDE* ″ D.P. METERS	DATUM	METHOD OF LOCATION AND SURVEY No.	DATE OF LOCATION	HARBOR CHART	INSHORE CHART	OFFSHORE CHART	CHARTS AFFECTED
LT	Gould Island Light		41 32	08.30 256	71 20	38.18 885	N.A. 1927	Photo T-10500	1 May 1956	x	x		236, 353, 1210
LT	Gould Island South Light		41 31	45.522 1404.4	71 20	40.273 933.6	"	Triang. T-10500	July 1956 (1932)	x	x		236, 353, 1210
	(△ Gould Island Beacon) 1932)												
LT	Gull Rocks Light		41 30	08.484 261.7	71 20	00.922 21.4	"	"	14 Aug 1956 (1932)	x	x		236, 353, 1210
	(△ Gull Rocks Beacon) 1932)												
LT	Coasters Harbor Island Obstruction Light		41 30	09.194 283.6	71 19	34.094 790.7	"	"	14 Aug 1956 (1932)	x	x		236, 353, 1210
	(△ Light on rock) 1932)												
LT	Coasters Harbor Island Channel Marker Light		41 30	10.96 338	71 19	30.22 701	"	Photo T-10500	14 Aug 1956 1956	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

U.S. DEPARTMENT OF COMMERCE
COAST AND GEODETIC SURVEY

~~NONFLOATING AIDS OR~~ LANDMARKS FOR CHARTS

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

Baltimore, Maryland 23 October, 1958

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 Joseph W. Vonasek

William F. Deane *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 ht=36(116) (△ MILL) 1915)		41 30	55.694 1718.2	71 22	28.657 664.5	N.A. 1927	Triang. T-10500	5 July 1956 (1915)	x	x		236, 353, 1210
TANK	steel, black, water, ht=112(152) (△ GOULD ISLAND TANK) 1932)		41 32	01.235 38.1	71 20	42.273 980.0	"	"	30 Oct 1956 (1932)	x	x		236, 353, 1210
RADIO TOWER	steel ht=101(141)		41 30	27.65 853	71 19	44.59 1034	"	Kelsh T-10500	31 Oct 1956	x	x		236, 353, 1210
RADIO TOWER	steel ht=102(145)		41 30	30.21 932	71 19	43.94 1019	"	"	31 Oct 1956	x	x		236, 353, 1210
TOWER	steel ht=76(99)	MID	41 30	26.68 823	71 19	51.18 1187	"	"	31 Oct 1956	x	x		236,353, 1210
TANK	steel, water ht=128(138) (△ Southeast War College Tank) 1943)		41 30	12.311 379.8	71 19	21.379 495.8	"	Triang. T-10500	20 July 1956 (1943)	x	x		236, 353, 1210
CUPOLA	Bell-shaped black roof ht=83(111) (△ War College Cupola) 1915)		41 30	26.383 813.9	71 19	48.201 1117.8	"	"	20 July 1956 (1915)	x	x		236, 353, 1210
CUPOLA	ht=61(99) (△ Naval College Dome) 1888)		41 30	26.313 811.8	71 19	43.452 1007.7	"	"	31 Oct 1956 (1888)	x	x		236, 353, 1210
FLAGPOLE	ht=72(92) (△ Flagpole Training Station) 1932)		41 30	25.170 776.5	71 19	43.629 1011.8	"	Triang. T-10500	31 Oct 1956 (1932)	x	x		236,353, 1210
TANK	Steel water ht=154(188) (Naval Training Station South Tank) 1943)		41 30	56.639 1747.4	71 19	07.538 174.8	"	"	5 July 1956 (1943)	x	x		236, 353, 1210
TANK	Steel water ht=143(178) (Naval Training Station Center Tank) 1943)		41 31	00.664 20.5	71 19	03.866 89.6	"	"	5 July 1956 (1943)	x	x		236, 353, 1210
TANK	Steel water ht=129(188) (Naval Training Station North Tank) 1943)		41 31	07.54 232.6	71 19	19.53 452.8	"	"	5 July 1956 (1943)	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]DETIC SURVEY

~~NONFLOATING AIDS OR~~ LANDMARKS FOR CHARTS

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

Morgan City, La. 5 Feb. 1957

I recommend that the following objects which have ~~(have not)~~ been inspected from seaward to determine their value as landmarks be ~~(charted)~~ (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			41 31.9		71 20.7		N.A. 1927	T-10500		x	x		236, 353, 1210
RADIO TOWER	razed		41 30	27.801 857.7	71 19	46.418 1076.5	"	Triang. T-10500	1932	x			236, 353

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

1211

NOTES TO REVIEWER

No field data was furnished for the charted light in Coddington Cove. It appears to be located at the angle in the breakwater.

The charted pier ruins at Bishop Rock were not field inspected and could not be interpreted on the low water photographs.

(3-25-63) NAUTICAL CHART DIVISION

RECORD OF APPLICATION TO CHARTS

FILE WITH DESCRIPTIVE REPORT OF SURVEY NO. T-10500

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
236	7/10/68	J Hogan	~~Full Part Before After~~ Verification Review Inspection Signed Via
			Drawing No. 35 NO ~~Minor~~ Corrections
353	11-26-68	Frank Powers	Full ~~Part Before~~ After Verification Review ~~Inspection Signed Via~~
			Drawing No. 40. made minor topo changes in area of 236 so that topo would agree with chart 236.
1210	4/18/69	H. Quimby	Full ~~Part Before~~ After Verification Review Inspection Signed Via
			Drawing No. 50 – Examined, no correction.
236	5-11-76	Patulo	~~Full Part Before~~ After Verification Review Inspection Signed Via
			Drawing No.
			~~Deleted~~ NO CORR GENERALLY ~~per~~ at Coastal I
			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-975. USCOMM-DC 6558-P63