10495 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-10495

LOCALITY

State Rhode Island

General locality Narragansett Bay

Locality Quonset Point

[redacted] - 19 56

CHIEF OF PARTY

Ira R. Rubottom Chief of Party

William F. Deane, Baltimore District Officer

LIBRARY & ARCHIVES

DATE 26 FEB 1968

COMM-DC 61300

10495

FORM 181
(4-23-54)

U.S. DEPARTMENT OF COMMERCE
COAST AND GEODETIC SURVEY

DESCRIPTIVE REPORT - DATA RECORD

T-10495

Project No. (II): Ph-163 PSAEA

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):
(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): N.A. 1927

Vertical Datum (III): MHW

[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): ALLEN 2, 1944

Lat.: 41° 36' 43.926" (1355.2 m) Long.: 71° 24' 48.645" (1126.3 m) Adjusted

[redacted]

Plane Coordinates (IV):

State: Rhode Island Zone: —

Y=

X=

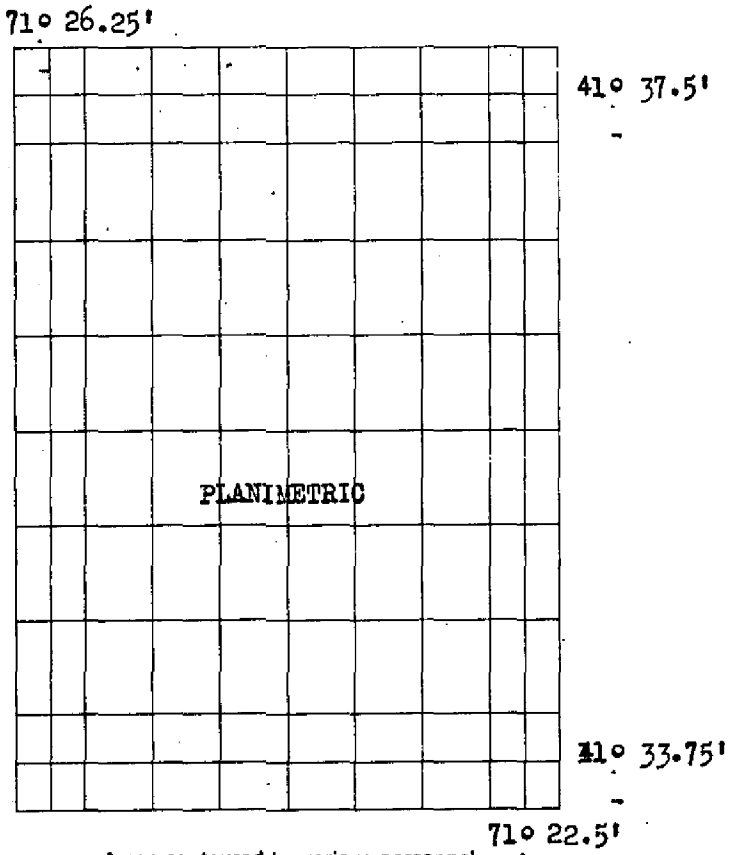
Roman numerals indicate whether the item is to be entered by (II) Field Party, (III) Photogrammetric Office, or (IV) Washington Office.

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): Mathew A. Stewart
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): **J. B. Phillips**
Date: **8/6/57**

Projection and Grids checked by (IV): **J. B. Phillips**
Date: **8/6/57**

Control plotted by (III): **J. C. Cregan**
Date: **8/26/57**

Control checked by (III): **E. L. Rolle**
Date: **9/6/57**

Radial Plot or Stereoscopic Control extension by (III): **E. L. Rolle**
Date: **9/25/57**

Stereoscopic Instrument compilation (III):
Planimetry **E. L. Williams**
Date: **11/13/58**
~~Contours~~
Date: ---

Manuscript delineated by (III): **Ronald J. Mechlinski (scribed)**
Date: **6/18/59**

Photogrammetric Office Review by (III): **J. W. Vonasek**
Date: **1/30/59**

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

FIELD EDIT -
LIMITED EDIT DONE IN CONJUNCTION WITH H-8313.
NO CHANGES WERE MADE IN PHOTOGRAMMETRIC SURVEY DETAILS.
DATE: 1956

COMM-DC-57842

U.S. DEPARTMENT OF COMMERCE
COAST AND GEODETIC SURVEY

DESCRIPTIVE REPORT - DATA RECORD

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

PHOTOGRAPHS (III)

Number	Date	Time EST	Scale	Stage of Tide
56-W-160 & 161	5/1/56	0830	1:30,000	1.4' above MLW
56-W-200	"	0900	"	1.9' " "

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:

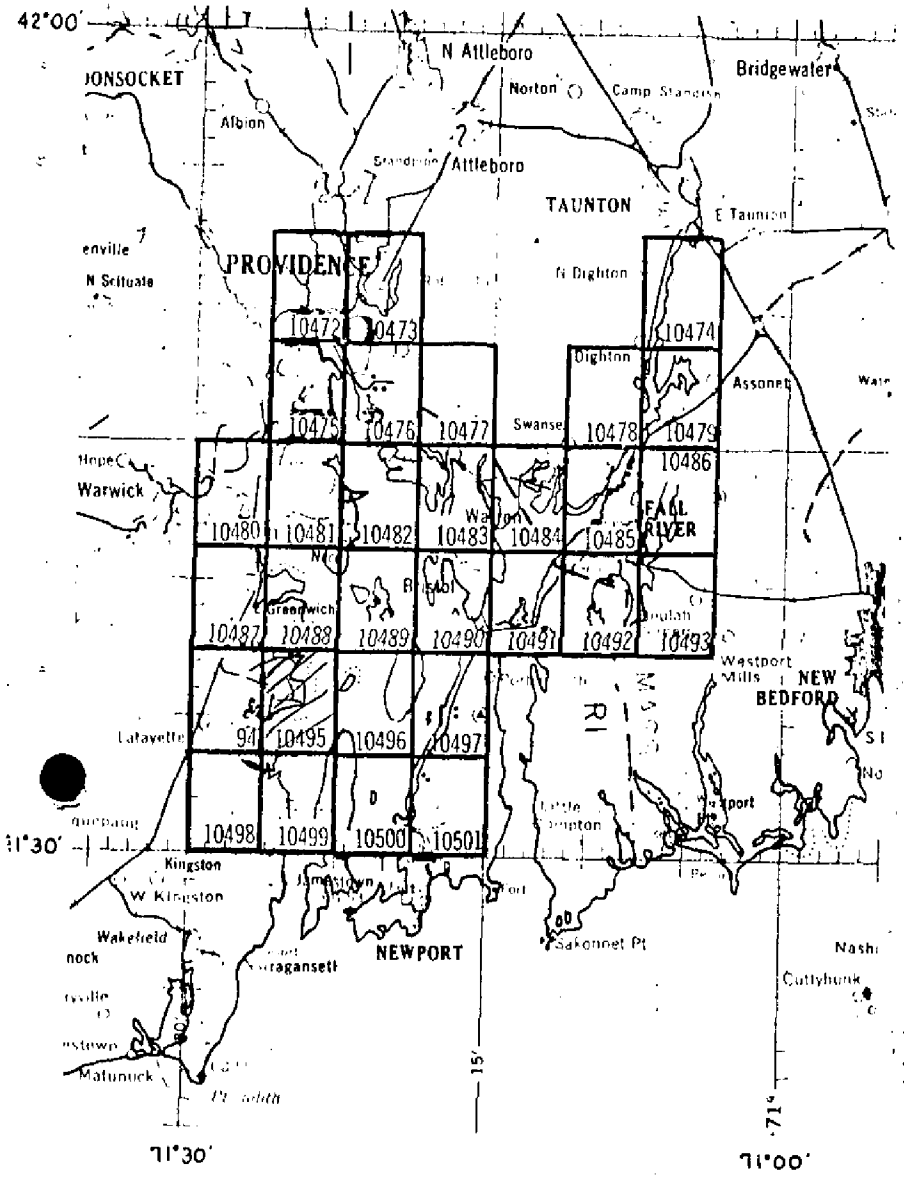
Land Area (Sq. Statute Miles) (III): 4.5
Shoreline (More than 200 meters to opposite shore) (III): 7 miles
Shoreline (Less than 200 meters to opposite shore) (III): 0.5 miles
Control Leveling - Miles (II):
Number of Triangulation Stations searched for (II): 19 Recovered: 12 Identified: 2
Number of BMs searched for (II): Recovered: Identified:
Number of Recoverable Photo Stations established (III): None
Number of Temporary Photo Hydro Stations established (III): See paragraph 38.

Remarks:

PLANIMETRIC MAPPING PROJECT PH - 163

Narragansett Bay, Mass. - Rhode Island

-6-



SHEET NO.	Lin.Mi. SHORELINE	SQ.
10472	10	12
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	5	13
10482	8	4
10483	6	11
10484	9	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	9	14
10499	10	7
10500	6	4
10501	2	13
TOTALS	158	294

OFFICIAL MILEAGE FOR COST ACCO

SUMMARY TO ACCOMPANY DESCRIPTIVE REPORT
T-10495

T-10495 is one of thirty similar maps comprising project PH-163. The project area covers the Narragansett Bay, Rhode Island-Massachusetts area.

Field inspection was complete except for the limited inspection of rock detail. This map was not field edited. Only the north quarter of the area covered is in common with a contemporary hydrographic survey H-8313. Boat sheet shoreline was provided from other sources. T-10495 was applied during smooth plotting of the hydrographic survey. The project was bridged by multiplex and compiled by Kelsh plotter.

The addendum to this Summary includes an evaluation of the accuracy and adequacy 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
Map T-10495

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

Martin C. Moody
Martin C. Moody
Cartographic Survey Aid

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

FIELD INSPECTION PHOTOGRAPHS -
56W 159, 160, 161, 162, 200
54W 1031
PHOTOGRAPHS 56W 159, 160, 200
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- 10495 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)
CAMP ENDICOTT ELEV TANK, 1944	G-6230 p. 97	N.A. 1927	41 36 53.362	1646.3	204.8					
			71 25 07.889	182.7	1206.4					
QUONSET NAVAL AIR STATION ELEVATED TANK (NORTH) 1944	p. 96	"	41 35 45.512	1404.1	446.9					
			71 25 24.311	563.0	826.5					
QUONSET NAVAL AIR STATION ELEVATED TANK (SOUTH) 1944	p. 94	"	41 35 23.991	740.1	1110.9					
			71 25 17.316	401.1	988.6					
CAMP THOMAS ELEVATED TANK (EAST) 1944	p. 97	"	41 36 15.859	489.3	1361.7					
			71 26 06.315	146.2	1243.1					
QUONSET NAVAL AIR STATION SOUTH RADIO MAST, 1944	p. 97	"	41 35 16.878	520.7	1330.3					
			71 25 47.356	1096.9	292.9					
QUONSET NAVAL AIR STATION EAST RADIO MAST, 1944	p. 97	"	41 35 20.300	626.3	1224.7					
			71 25 44.726	1035.9	353.8					
QUONSET NAVAL AIR STATION WEST RADIO MAST, 1944	p. 97	"	41 35 20.300	626.3	1224.7					
			71 25 49.990	1157.9	231.9					
QUONSET NAVAL AIR STATION SEAPLANE HANGAR NO. 2 CONTROL TOWER, 1944	p. 96	"	41 35 14.598	450.4	1400.6					
			71 25 18.328	424.5	965.2					
QUONSET NAVAL AIR STATION INCINERATOR STACK, 1944	p. 96	"	41 35 20.69	638.3	1212.7					
			71 24 31.06	719.5	670.3					
QUONSET NAVAL AIR STATION A.O.B. BLDG. NO. 61 CONTROL TOWER, 1944	p. 96	"	41 35 36.124	1114.5	736.5					
			71 24 45.530	1054.5	335.1					
QUONSET AERO LIGHT, 1944 Airport Beacon	p. 96	"	41 35 30.422	938.5	912.5					
			71 24 54.113	1253.3	136.3					
ALLEN 2, 1944	p. 94	"	41 36 43.926	1355.2	495.8					
			71 24 48.645	1126.3	262.9					

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

FORM 164
(4-23-54)

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

MAP T- 10495 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)
WICKFORD HARBOR LIGHT, 1944	G-6230 p. 95	N.A. 1927	41 34 21.080 71 26 14.485	650.3 1200.7 335.6 1054.5			

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-10495

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.G.S. Wickford quadrangle, 1959 edition, for county boundary.
Final name sheet dated 5 March 1957.
Copy of boat sheet H-8313 for comparison.
Map of U. S. Naval Air Station, Quonset Point, R. I.
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 thorough.

The low water lines are from field inspection.

The latest chart shows a large pier under construction at Davisville Depot since photography and field inspection.

36. OFFSHORE DETAILS

Refer to paragraph 8 of the field report.

Three named submerged features could not be delineated from the photographs. The charted piles and boiler SW of Hope Island (T-10496) were not visible on the photographs.

37. LANDMARKS AND AIDS

Forms 567 have been submitted for one aid to navigation, one aeronautical aid and six landmarks to be charted.

38. CONTROL FOR FUTURE SURVEYS

No recoverable topographic stations were established. Refer to the attached notes regarding the photo-hydro stations in the area of this survey and to the "Descriptive Report to accompany Graphic Control Survey sheets Ph-1-A-56 through Ph-1-N-56" submitted for this project.

39. JUNCTIONS

Junctions have been made as follows:
To the north with survey T-10488
To the east with survey T-10496
To the south with survey T-10499
To the west with survey T-10494

40. HORIZONTAL AND VERTICAL ACCURACY

No comment.

41. BOUNDARIES

The Washington County-Newport County boundary, as delineated on the U.S.G.S. Wickford quadrangle, was transferred in the vertical projector. An approximate Portsmouth-Jamestown boundary was also transferred.

42 - 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(944), scale 1:20,000, date of issue 1949.

47. COMPARISON WITH NAUTICAL CHARTS

Chart No. 236, scale 1:20,000, published February 17, 1958 revised 9/22/58.

Items to be applied to nautical charts immediately: None.
Items to be carried forward: The large pier E-120 at Davisville Depot charted as under construction does not appear on this survey. There is no indication of this on the photography or field inspection.
The charted piles and boiler SW of Hope Island could not be identified.

Respectfully submitted
29 January 1959

Joseph W. Vonasek
Joseph W. Vonasek
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

-15-

PHOTOGRAMMETRIC OFFICE REVIEW

T- 10495

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 Woronick
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:

COMM-DC 34529

REVIEW REPORT
T-10495
December 1966

62. Comparison with Registered Topographic Surveys

T-5751	1:20,000	1944

T-10495 supersedes the prior survey for nautical charting purposes in the common area.

63. Comparison with Maps of Other Agencies

A comparison was made during compilation with USGS, Wickford quad. The only discrepancies noted, in school names, street names, etc., are inapplicable to either hydrographic surveys or modern charts.

64. Comparison with Hydrographic Surveys

64.1 Contemporary Surveys

H-8313	1:10,000	1956

The common area includes only the north quarter of T-10495. Planimetric survey shoreline was applied to the smooth sheet during verification. No changes were made on smooth sheet in T-10495 shoreline.

64.2 Prior Surveys

Outside the area of common coverage with H-8313 (side heading 64.1) the area mapped on T-10495 is covered by H-6970, dated 1944. Survey H-6970 includes considerable rock details not shown on T-10495. Field inspection of rock details was incomplete and the photography was poor for interpreting these features. Refer to side heading 65.concerning a possible discrepancy in the position of a rock.

Many details on H-8313 are outdated as the result of cultural and natural changes that occurred between 1944 and 1956 (time of survey T-10495).

65. Comparison with Nautical Charts

No. 236 1:20,000 July 1966

The chart contains considerable rock information - charted from H-6970 (side heading 64) and other sources - that is not shown on T-10495.

One discrepancy in rock location, amounting to approximately 60 feet ground distance, between nautical chart 236 and T-10495 was called to the attention of the Marine Chart Division. The rock (latitude 41° 34.75', longitude 71° 21.1') was charted from H-6970. The rock is located in the same position on surveys T-10495 and T-5751, dated 1944.

26.1' 99*

66. Adequacy of Results and Future Surveys

The addendum to the Summary included in this Descriptive Report evaluates the adequacy and accuracy 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:

Chief, Photogrammetric Branch

Chief, Photogrammetry Division FEB 09 1968

Chief, Marine Chart Division 2/26/68

1-9-68

GEOGRAPHIC NAMES

FINAL NAME SHEET

PH-163 (Rhode Island)

T-10495

Allen Harbor

Brig Ledge

Calf Pasture Point

Cold Spring Rock

Conanicut Island

Davisville Depot

Davol Pond

Fries Pond

General Rock

Hall Creek

Jamestown-F.P.

Kiefer Park

NAS Quonset Point-F.P.

Narragansett Bay

Newport County-F.P.

~~North Kingston~~

North Kingstown-F.P.

~~Old Gray Rock~~

Old Gay Rock-F.P.

Old Sow Rock

Portsmouth-F.P.

Quonset Point

Shore Acres

Spink Neck

Washington County-F.P.

West Passage

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 29 Jan. 1959

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		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						
TANK	steel, water, ht=145(193) (△ Camp Endicott Elevated Tank)		41 36	53.362 1646.3	71 25	07.889 182.7	N.A. 1927	Triang. T-10495	13 July 1956 (1944)	X	X		236, 1210
TOWER	ht=56(66) (△ Quonset Naval Air Station A.O.B. Building No. 61, Control Tower)		41 35	36.124 1114.5	71 24	45.530 1054.5	"	"	13 July 1956 (1944)	X	X		236, 1210
TANK	steel, water, ht=149(165) (△ Quonset Naval Air Station Elevated Tank South)		41 35	23.991 740.1	71 25	17.316 401.1	"	"	13 July 1956 (1944)	X	X		236, 353, 1210
RADIO MAST	steel, ht=159(175) (△ Quonset Naval Air Station East Radio Mast)		41 35	20.300 626.3	71 25	44.726 1035.9	"	"	13 July 1956 "	X	X		236, 353, 1210
RADIO MAST	steel, ht=159(175) (△ Quonset Naval Air Station West Radio Mast)		41 35	20.300 626.3	71 25	49.990 1157.9	"	"	13 July 1956 "	X	X		236, 353, 1210
RADIO MAST	steel, ht=159(175) (△ Quonset Naval Air Station South Radio Mast)		41 35	16.878 520.7	71 25	47.356 1096.9	"	"	13 July 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 194[illegible]

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

NONFLOATING AIDS ~~OR LANDMARKS~~ FOR CHARTS

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

Baltimore, Maryland 29 January, 1959

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.E. METERS	LONGITUDE* ° ′	LONGITUDE* ″ D.P. METERS	DATUM	METHOD OF LOCATION AND SURVEY NO.	DATE OF LOCATION	HARBOR CHART	INSHORE CHART	OFFSHORE CHART	CHARTS AFFECTED
LT	Wickford Harbor Light			21.080		14.485	N.A.	Triang.	15 July 1952	X			236,353
	(△ Wickford Harbor Light)		41 34	650.3	71 26	335.6	1927	T-10495	(1944)		X		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

-20-1

Form 567
April 194

U.S. DEPARTMENT OF COMMERCE
COAST AND GEODETIC SURVEY

AERONAUTICAL
NONFLOATING AIDS OR LANDMARKS FOR CHARTS

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

Baltimore, Maryland 29 January, 1959

I recommend that the following objects which have ~~not been~~ 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 U. 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
AIRPORT BEACON	Quonset Naval Air Station (△ Quonset Aero Light)		41 35	30.422 938.5	71 24	56.113 1253.3	N.A. 1927	Triang. T-10195	13/4/45 (1944)				Boston Sectional

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

21

T-10495

— 22 —

NOTE TO REVIEWER

Consideration was given to showing some landmark buildings at the Naval Air Station. The recommended landmarks are so numerous in the area. The very large buildings are also numerous. The charts of the area show no buildings even though some were delineated on survey T-5751(1944). For these reasons no buildings were delineated on this manuscript.

The Form 526 for station WHITE ROCKS BEACON, 1912 indicates a structure in the vicinity but no location data was furnished. The chart shows no structure at this position:

Lat. 41° 34' 26.293" 811.2 m
Long. 71 25 03.767 87.3

~~24~~ 23

NOTES TO ACCOMPANY CRONAFLEX PRINT
OF SURVEY T-10495, PROJECT Ph-163

The map manuscript was compared with the copy of graphic control sheet No. PH-I-H-56, Projects 13870 and 25120, scale 1:10,000. The following is a list of photo-hydro stations, indicating how far and in what direction the photogrammetric position falls from the common point on the graphic control sheet.

Also listed are those photo-hydro stations that could not be identified. All other photo-hydro stations on the control sheet that fall within the limits of this survey were verified within 0.5 mm and removed from the map manuscript. No information was received in this office for any photo-hydro stations south of latitude 41° 37' 00".

Station Name	Photogrammetric Position
PIX	0.7 mm E

Stations not identified:

MID
VIA

It is recommended that the photo-hydro stations plotted on the map manuscript be used in making the smooth sheets.

Respectfully submitted
13 November 1958

E. L. Williams
Carto. (Photo.)

Approved and forwarded

Henry P. Eichert
Super. Carto.

(3-25-63) NAUTICAL CHART DIVISION

RECORD OF APPLICATION TO CHARTS

FILE WITH DESCRIPTIVE REPORT OF SURVEY NO. T-10495

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	7/9/68	J. Hogan	~~Full~~ Part Before ~~After~~ Verification Review Inspection Signed Via
			Drawing No. 35 ~~No Correction~~ Revised por of Islet.
			Consider fully applied until reconstruction. AJH
1210	4/17/69	H. Quimby	Full ~~Part Before~~ After Verification Review Inspection Signed Via
			Drawing No. 50 - Examined, no correction.
278	8-14-69	O. Chapman	Full ~~Part Before~~ After Verification Review Inspection Signed Via
			Drawing No. 25 Applied thru. CH-236. No. Corr.
278	2-17-73	W. Chadd	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 8558-P53