

11433E&W

Diag. Cht. No. 1210-2.

Form 504

U. S. DEPARTMENT OF COMMERCE
COAST AND GEODETIC SURVEY

DESCRIPTIVE REPORT

Type of Survey Shoreline

Field No. Ph-142 Office No. T-11433 E&W

LOCALITY

State Rhode Island

General locality Narragansett Bay

Locality East Passage to Sachuest Bay

1954-56

CHIEF OF PARTY

L.F. Woodcock, Chief of Party

W.F. Deane, Baltimore District Officer

LIBRARY & ARCHIVES

DATE November 17, 1961

USCOMM-DC 5087

11433E&W

DATA RECORD

T-11433 E+W

Project No. (II): Ph-142 Quadrangle Name (IV):

Field Office (II): Groton, Conn.

Chief of Party: L. F. Woodcock

Photogrammetric Office (III): Baltimore, Md.

Officer-in-Charge: William F. Deane

Instructions dated (II) (III): 8 June 1954
18 Aug. 1954
15 Sept. 1955

Copy filed in Division of
Photogrammetry (IV)

Method of Compilation (III): Kelsh Plotter

Manuscript Scale (III): 1:10,000

Stereoscopic Plotting Instrument Scale (III): 1:4000
(Pantograph ratio 2/5)

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): 8-30-60

Publication Scale (IV):

Publication date (IV):

Geographic Datum (III): N.A. 1927

Vertical Datum (III): MHW

~~Mean Low Water or Mean Lower Low Water~~

Elevations shown as (25) refer to mean high water
Elevations shown as (5) refer to sounding datum
i.e., mean low water or mean lower low water

Reference Station (III): TELEGRAPH 2, 1869

Lat.: 41° 27' 46.729"

Long.: 71° 20' 11.710"

Adjusted
~~Unadjusted~~

Plane Coordinates (IV):

State: Rhode I.

Zone: ---

Y=

X=

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

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

Shoreline Map
No contouring required.

DATA RECORD

Field Inspection by (II): W. M. Reynolds

Date: June-July 1954
(1954)

Planetable contouring by (II):

Date:

Completion Surveys by (II):

Date:

Mean High Water Location (III) (State date and method of location):
1956, Photogrammetric (Kelsh)

Projection and Grids ruled by (IV): Austin Riley

Date: 10/7/54

Projection and Grids checked by (IV): Austin Riley

Date: 10/8/54

Control plotted by (III): J. B. McDonald

Date: 7/27/1955

Control checked by (III): Morton Keller

Date: 7/27/55

Radial Plot or Stereoscopic Control extension by (III): C. E. Cook

Date: ---

Planimetry E. L. Rolle
Stereoscopic Instrument compilation (III):

Date: 1/10/56

~~Contours~~

Date: ---

Manuscript delineated by (III): C. A. Lipscomb
(scribed)

Date: 2/10/59

Photogrammetric Office Review by (III): J. D. McEvoy

Date: 7/20/56

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

Date: ---

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

Number	Date	Time (E.S.T.)	Scale	Stage of Tide
54-W-1113 thru 1117.	4/22/54	13:08	1:20,000	1.1' above MLW
1118 " 1121	"	"	"	1.1' " "
1156 " 1158	"	13:28	"	0.8' " "
56-W-233 thru 234	5/1/56	9:23	1:30,000	1.9' " "
376 " 379	"	11:37	"	2.6' " "
474 " 475	"	11:48	"	2.6' " "
43645 thru 43647	4/22/54	15:35	1:10,000	at MLW
43722 " 43724	"	16:12	"	0.3' above MLW

Tide (III)
From Predicted tables

Reference Station: Newport, R. I.
Subordinate Station: --
Subordinate Station:

Ratio of Ranges	Mean Range	Spring Range
-	3.5	4.4

Washington Office Review by (IV):

Dr. Hyman

Date: 4/6/60

Final Drafting by (IV):

Date:

Drafting verified for reproduction by (IV):

Date:

Proof Edit by (IV):

Dr. Hyman

Date:

Aug 30th 1960

Land Area (Sq. Statute Miles) (III): 11
Shoreline (More than 200 meters to opposite shore) (III): 30
Shoreline (Less than 200 meters to opposite shore) (III): --
Control Leveling - Miles (II):
Number of Triangulation Stations searched for (II): 66
Number of BMs searched for (II): 15
Number of Recoverable Photo Stations established (III): 3
Number of Temporary Photo Hydro Stations established (III): None

Recovered: 51
Recovered: 12
Identified: 34
Identified:

Remarks:

SUMMARY
PROJECT PH 142
TWENTY-FOUR

This project consists of 3 3/4' X 7 1/2', 1:10,000 scale shoreline maps. Three manuscripts T-11444, T-11448 and T-11449 were compiled by the Tampa District Office. The remainder were compiled by the Baltimore District Office.

The objective of the project was to provide shoreline and horizontal control data for contemporary hydrographic surveys and base maps for nautical charts.

It extends from the New Bedford, Connecticut area west to Old Saybrook along Block Island Sound and includes parts of Massachusetts, Rhode Island, and Connecticut.

Aerial photography was taken in the spring of 1954 with the "W" camera at 1:20,000 scale and supplemental nine-lens at 1:10,000 at low water. Some additional photography was flown in May 1956 for revision purposes.

Control was extended by stereoplanigraph and multiplex methods. Compilation was accomplished by Kelsh.

More stations were identified than necessary for this project. This was due to the fact that the original intentions were to extend horizontal control by radial line plot methods. Subsequent purchase of an additional first order bridging instrument reduced the need for the density of control. This item is the subject of supplemental instructions dated 15 September 1955, Paragraph 5. The field phase of control identification was initiated in June 1954.

The project is classified as Shoreline yet instructions to the field dated 8 June 1954, Paragraph 9 "Interior Inspection" states "the inland limits of inspection and delineation are the map limits".

- 2 -

Five contemporary hydrographic surveys dated 1956-57 have been completed in this area by visual hydrographic methods.

All sheets were scribed and transmitted to the Washington Office by

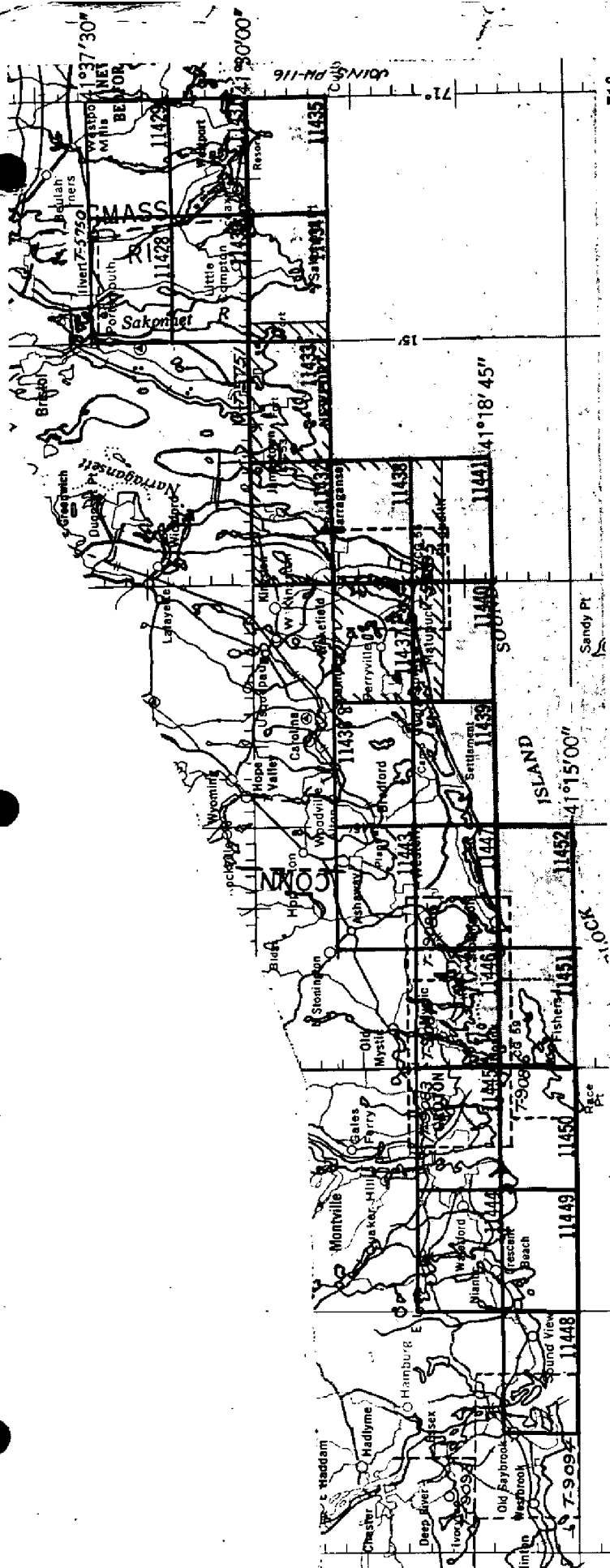
Final Review was completed by April 1960.

Submitted by:

A. K. Heywood

SHORELINE MAPING PROJECT

Block Island Sd., R.I. to Connecticut River, Conn.



SHEET NO.	OFFICIAL MILEAGE FOR COST ACCOUNTS		AREA SQ. MILES	TOTALS	308
	SHORELINE LIN. MI.	AREA SQ. MILES			
11428	12	23	11447	28	22
11429	10	26	11448	30	8
11430	10	24	11449	20	4
11431	35	22	11450	8	3
11432	27	17	11451	14	3
11433	26	7	11452	4	1
11434	17	8			
11435	4	1			
11436	10	16			
11437	22	25			
11438	11	9			
11439	25	13			
11440	8	2			
11441	3	1			
11443	8	9			
11444	35	25			
11445	43	24			
11446	40	15			
				450	
					308

----- Indicates shoreline revision
 [] Topographic revision

2. AREAL FIELD INSPECTION

This shoreline sheet is located along the southern coast of Rhode Island and consists principally of Newport and Newport Harbor.

Newport is a town of approximately 40,000 population and is chiefly a summer resort. Here are located the many homes of the wealthy families of the country.

The U. S. Navy War College and headquarters for the destroyer force of the Atlantic Fleet are also located here. Newport Harbor affords safe anchorages for any type vessel, being protected from the ocean and with plenty of depth.

The coastline is rugged. The terrain rises abruptly from the ocean up to approximately 50 feet.

Field inspection is believed complete and was performed on the following 1:10,000 scale ratio prints of single lens photographs 54-W-1112 through 54-W-1123; 54-W-1156 through 54-W-1159.

Photography was of recent date and of good quality. No difficulty was encountered in their interpretation in the field.

No items were deliberately left for the field editor.

3. HORIZONTAL CONTROL

* No FIELD TOWNSHIP IS PLANNED

AKA

All Coast and Geodetic Survey control was searched for and where recovered was identified, with this exception: In the Newport area, where numerous stations existed, stations were identified at approximately one-half mile interval. In some cases, having to identify existing landmarks which had been located previously, placed the identified stations closer than one-half mile. Care was taken to identify all stations located in an overlap area and stations farthest from the flight line.

No supplemental control was established by the field party.

No control of any other agency was recovered and identified.

The following stations were reported lost: POTTERS COVE FRONT RANGE 1915; EAST RADIO TOWER TRAINING STATION 1932; GULL ROCKS 1934; U.S.E.8 1932; ROSE ISLAND 2 1912; GOAT ISLAND NORTH TANK 1943; JAMESTOWN HOTEL CUPOLA 1932; JAMESTOWN GREY STACK 1932; FORT 1897; FORT ADAMS NORTH RADIO TOWER 1932; FORT ADAMS SOUTH RADIO TOWER 1932; NEWPORT, BELMONT'S HOUSE CUPOLA 1869; WEST TOWER 1943; EAST TOWER 1943; and BRENTON 1943.

4. VERTICAL CONTROL

All existing tidal bench marks were searched for or recovered.

5. CONTOURS AND DRAINAGE

Contours inapplicable.

The drainage is mostly run-off, from the tops of the ridges to the ocean and bay. The drainage other than run-off has been labeled on the photographs.

6. WOODLAND COVER

Adequately covered by the photographs.

7. SHORELINE AND ALONGSHORE FEATURES

The mean high water line was inspected by walking along the shore and has been indicated by symbol on the photographs. There is a steep bank or bluff along most of the shoreline and the mean high water line is at its base. The exception to the above is a few short sections of sand beach along which the mean high water line has been indicated on the photographs.

The area was visited at low water and the approximate low water line has been indicated on the photographs. The few beach sections mentioned previously are the only areas which are affected by a low water line. The other sections of the shoreline rises abruptly from the water to the tops of the bluffs and there is no appreciable horizontal distance between the mean high and mean low water lines.

The foreshore is steep except for the few sections of sand beach mentioned previously.

All bluffs have been indicated on the field photographs.

All docks, wharves, piers etc. are adequately covered by field inspection notes.

The shoreline area was inspected for cable crossing signs. All signs in existence have been indicated on the photographs. In addition to the above, a print showing all cable crossings in the Newport area has been requested from the U. S. Navy Public Works Department and other cable crossings can be taken from the print.

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

8. OFFSHORE FEATURES

The only offshore features are the numerous rocks in the area. These rocks were inspected and have been labeled on the photographs. The heights above water were determined by hand level and the date and time of day have been noted on the photographs.

9. LANDMARKS AND AIDS

The area was inspected and all existing landmarks for nautical charts have been identified on the photographs and Form 567 submitted.

Attention is called to landmark GOAT ISLAND NORTH TANK 1943. The tank has been removed but the supporting structure is still in place. The tank will be replaced as soon as funds are available. It was recommended to retain this landmark even though the tank is temporarily out of place.
non-existent

All fixed aids of substantial structure had been located previously by triangulation and not disturbed.

Little Ida Lewis Rock Daybeacon was identified on the photographs for location by the plot.

10. BOUNDARIES, MONUMENTS AND LINES

There are no boundaries which affect this sheet.

11. OTHER CONTROL

Three
The natural objects were identified as recoverable topographic stations. The names assigned these objects were ^{*}CLAM, ROCK and WALL.

^{*}Photo-hydro stations were selected for all the area east of Narragansett Bay.

** CHANGED TO CANY 1954 (NAME SHOULD BE DESCRIPTIVE)*

** SUPPLEMENTAL INSTRUCTIONS VOIDED THIS REQUIREMENT.*

12. OTHER INTERIOR FEATURES

All roads have been inspected and classified in accordance with reference 5441 of the Topographic Manual.

^{*}All buildings to be mapped were inspected and classified in accordance with project instructions. Buildings to be omitted were not deleted.

** SUPPLEMENTAL INSTRUCTIONS LIMITED THESE TO PUBLIC AND LDMK. BLDGS.*

There are no bridges or cables over navigable streams.

There are no airports or landing fields in the area.

Attention is called to the incorrect location of Castle Hill Coast Guard Station, shown on all published charts of the area. See photograph 54-W-1115 for the correct location.

13. GEOGRAPHIC NAMES

See "Special Report, Geographic Names, Project Ph-142."

14. SPECIAL REPORTS AND SUPPLEMENTAL DATA

Special Report, Geographic Names, Project Ph-142, to be forwarded to Washington Office at a later date.

Letter of Transmittal No. Ph-142-3, Form 567, Fixed Aids to Navigation, to be forwarded to Washington Office at a later date.

Letter of Transmittal No. Ph-142-4, Form 567, Landmarks for Charts, to be forwarded to Washington Office at a later date.

Letter of Transmittal No. Ph-142-6, Data, Map T-11433, forwarded to Washington Office **AUG 6 1954**

Submitted
6 August 1954

William M. Reynolds
William M. Reynolds
Carto. Survey Aid

Approved & Forwarded
AUG 6 1954

Lorin F. Woodcock

Lorin F. Woodcock
Chief of Party

MAP T. 11433 PROJECT NO. Ph-142 SCALE OF MAP 1:10000 SCALE FACTOR

STATION	SOURCE OF INFORMATION (INDEX)	DATUM	LATITUDE OR ψ -COORDINATE LONGITUDE OR χ -COORDINATE	DISTANCE FROM GRID IN FEET, OR PROJECTION LINE IN METERS		DATUM CORRECTION	N.A. 1927 - DATUM DISTANCE FROM GRID OR PROJECTION LINE IN METERS		FACTOR DISTANCE FROM GRID OR PROJECTION LINE IN METERS	
				FORWARD	(BACK)		FORWARD	(BACK)	FORWARD	(BACK)
Adams, 1940	1/43 501/11	1927	41 28 19.538 71 20 31.186	602.7	(1248.3)	1851.0	Pricked direct			
Bishop, 2, 1943	1/70 846/14	1927	41 31 04.017 71 19 52.311	123.9	(1727.1)	1851.0	Off Sheet			
Bull Point Cupola, 1915	1/61 501/9	1927	41 28 47.663 71 21 22.263	1470.4	(380.6)	1851.0	Pricked direct			
Castle Hill E4 (USE) 1940	1/44 501/11	1927	41 27 41.194 71 21 46.364	1270.8	(580.2)	1851.0				
Castle Hill Lighthouse 1897	1/40 501/1	1927	41 27 43.329 71 21 48.249	1336.7	(514.3)	1851.0	Pricked direct			
Naval Training Station, Center Tank, 1943	1/70 501/14	1927	41 31 00.664 71 19 03.866	20.5	(1830.5)	1851.0	Pricked direct			
Comanicut Island Dutch Windmill 1932	1/62 501/5	1927	41 30 55.711 71 22 28.645	1718.7	(132.3)	1851.0	Pricked direct			
Cupola, 1932	1/71	1927	41 28 32.196 71 22 30.894	993.2	(857.8)	1851.0	Pricked direct			
Dumplin 2, 1869	1/57 501/1	1927	41 28 45.146 71 22 07.943	1392.8	(458.2)	1851.0	Pricked direct			
James Estate, Flagpole, 1943	1/71 846/1	1927	41 27 46.780 71 20 12.175	1443.2	(407.8)	1851.0				
Flagpole, Training Station, 1932	1/62 501/3	1927	41 30 25.170 71 19 43.629	776.5	(1074.5)	1851.0	Off Sheet			
Fort Adams Light, 1934	1/59 501/2	1927	41 28 53.817 71 20 16.075	1660.3	(189.8)	1851.0	Pricked direct			
				373.0	(1019.0)	1392.0				

1 FT. = 3048006 METER

COMPUTED BY: J. B. McDonald

DATE 27 July 1955

CHECKED BY: M. Keller

DATE 27 July 1955

MAP T. 11433 PROJECT NO. Ph-142 SCALE OF MAP 1:10000 SCALE FACTOR

STATION	SOURCE OF INFORMATION (INDEX)	DATUM	LATITUDE OR ϕ -COORDINATE LONGITUDE OR λ -COORDINATE	DISTANCE FROM GRID IN FEET, OR PROJECTION LINE IN METERS		DATUM CORRECTION		N.A. 1927 - DATUM FROM GRID OR PROJECTION LINE IN METERS		FACTOR DISTANCE FROM GRID OR PROJECTION LINE IN METERS	
				FORWARD	(BACK)	FORWARD	(BACK)	FORWARD	(BACK)	FORWARD	(BACK)
Fort Greene 1934	1/59 501/2	1927	41 29 48.350 71 19 20.434	1491.6	(359.4)	1851.0					
				474.0	(917.7)	1391.7					
Front Range Light, 1943	1/71 846/1	1927	41 28 44.114 71 21 18.761	1360.9	(490.1)	1851.0					
				435.3	(956.8)	1392.1					
Gould Island, 1843	1/67 501/4	1927	41 32 03.750 71 20 42.130	115.7	(1735.3)	1851.0		Pricked Direct			
				976.7	(414.2)	1390.9		Off Sheet			
Gould Island Beacon, 1932	1/62 501/4	1927	41 31 45.522 71 20 40.273	1404.4	(446.6)	1851.0		Off Sheet			
				933.6	(457.4)	1391.0					
Goat Island Lighthouse, 1888	1/60 501/2	1927	41 29 35.570 71 19 39.201	1097.4	(753.6)	1851.0		Pricked Direct			
				909.3	(482.5)	1391.8					
Goat Island North, 1934	1/159 501/2	1927	41 29 35.770 71 19 39.486	1103.5	(747.5)	1851.0					
				915.9	(475.9)	1391.8					
Goat Island, North Tank, 1943	1/70 846/1	1927	41 29 27.553 71 19 40.891	850.0	(1001.0)	1851.0		Pricked Direct			
				948.5	(443.3)	1391.8					
Goat Island Shoal Light, 1934	1/60 501/2	1927	41 28 58.024 71 19 39.279	1790.0	(61.0)	1851.0		Pricked Direct			
				911.3	(480.7)	1392.0					
Goat Island South, 1934	1/59 501/2	1927	41 28 57.939 71 19 41.817	1787.4	(63.6)	1851.0					
				970.2	(421.8)	1392.0					
Goat Island South Tank, 1943	1/70 846/1	1927	41 29 14.158 71 19 42.801	436.8	(1414.2)	1851.0		Pricked Direct			
				992.9	(399.0)	1391.9					
Gull Rocks Beacon, 1932	1/60 501/3	1927	41 30 08.484 71 20 00.922	261.7	(1589.3)	1851.0		Pricked Direct			
				21.4	(1371.0)	1392.4					
Gull Rocks Lighthouse, 1889	1/138 501/3	1927	41 30 08.760 71 20 01.206	270.3	(1580.7)	1851.0		Off Sheet			
				28.0	(1363.6)	1391.6					

1 FT. = 3048006 METER

COMPUTED BY: J. B. McDonald

DATE 27 July 1955

CHECKED BY: M. Keller

DATE 27 July 1955

M-2388-12

MAP T. 11433 PROJECT NO. Ph-142 SCALE OF MAP 1:10000 SCALE FACTOR

STATION	SOURCE OF INFORMATION (INDEX)	DATUM	LATITUDE OR y -COORDINATE LONGITUDE OR x -COORDINATE	DISTANCE FROM GRID IN FEET. OR PROJECTION LINE IN METERS		DATUM CORRECTION	N.A. 1927 - DATUM DISTANCE FROM GRID OR PROJECTION LINE IN METERS		FACTOR DISTANCE FROM GRID OR PROJECTION LINE IN METERS
				FORWARD	(BACK)		FORWARD	(BACK)	
Gould Island, Tank, 1932	1/40 501/4-10	1927	41 32 01.235 71 20 42.273	38.1	(1812.9)	1851.0	Off Sheet		
Ida Lewis Light, 1934	1/59 501/2	1927	41 28 38.95 71 19 35.19	980.0	(410.9)	1390.9	Pricked Direct		
Jamestown Standpipe 1912	1/139 n.d.	1927	41 29 27.678 71 22 25.135	1201.6	(649.4)	1851.0	Pricked Direct		
Light on Rock, 1932	1/60 501/1	1927	41 30 09.194 71 19 34.094	816.5	(575.7)	1392.2	Pricked Direct		
Memo, 1932	1/57 501/4	1927	41 30 09.194 71 18 37.887	853.9	(997.1)	1851.0	Pricked Direct		station destroyed
Mill, 1915	1/141 501/5	1927	41 30 39.272 71 18 37.887	583.1	(808.7)	1391.8	Off Sheet		
Newport, Channing Memorial Church, Spire, 1934	1/63 501/2	1927	41 30 09.194 71 18 38.738	283.6	(1567.4)	1851.0	Pricked Direct		
Naval College Dome, 1888	1/137 501/3	1927	41 30 26.313 71 19 43.452	790.7	(600.9)	1391.6	Off Sheet		
Newport City Hall Dome, 1934	1/62 501/2	1927	41 30 55.694 71 22 28.657	1211.6	(639.4)	1851.0	Pricked Direct		
Newport, Davis House, Cupola, 1912	1/139 501/1	1927	41 29 07.061 71 18 38.738	878.6	(512.8)	1391.4	Off Sheet		
Newport, St. George's Tower, 1932	1/6 501/2	1927	41 30 26.313 71 19 43.452	1718.2	(132.8)	1851.0	Off Sheet		
Newport, St. Mary's Church, Spire, 1934	1/63 501/2	1927	41 29 29.435 71 18 43.042	664.5	(726.4)	1390.9	Pricked Direct		
			41 29 07.061 71 18 38.738	217.8	(1633.2)	1851.0	Off Sheet		
			41 30 26.313 71 19 43.452	898.7	(494.0)	1392.7	Off Sheet		
			41 29 29.435 71 18 43.042	811.8	(1039.2)	1851.0	Off Sheet		
			41 27 00.799 71 21 19.020	1007.7	(383.8)	1391.5	Pricked Direct		
			41 29 28.88 71 16 24.71	908.1	(942.9)	1851.0	Pricked Direct		
			41 29 02.435 71 18 47.948	998.4	(393.4)	1391.8	Pricked Direct		
				24.6	(1826.4)	1851.0	Pricked Direct		
				441.5	(951.2)	1392.7	Pricked Direct		
				890.9	(960.1)	1851.0	Pricked Direct		
				573.2	(818.6)	1391.8	Pricked Direct		
				75.1	(1775.9)	1851.0	Pricked Direct		
				1112.4	(279.6)	1392.0	Pricked Direct		

1 FT. = 3048006 METER

COMPUTED BY: J. B. McDonald

DATE 27 July 1955

CHECKED BY: M. Kaller

DATE 27 July 1955

M-2386-12

MAP T. 11433 PROJECT NO. Ph-142 SCALE OF MAP 10:10,000 SCALE FACTOR

STATION	SOURCE OF INFORMATION (INDEX)	DATUM	LATITUDE OR μ -COORDINATE LONGITUDE OR x -COORDINATE	DISTANCE FROM GRID IN FEET, OR PROJECTION LINE IN METERS		DATUM CORRECTION	N.A. 1927 - DATUM FROM GRID OR PROJECTION LINE IN METERS		FACTOR DISTANCE FROM GRID OR PROJECTION LINE IN METERS
				FORWARD	(BACK)		FORWARD	(BACK)	
Newport, Trinity Church, Spire, 1934	1/63 501/2	1927	41-29-13.927 71-18-49.842	429.6	(1421.4)	1851.0	Pricked direct		
Naval Training Station, North Tank, 1943	1/70 501/14	1927	41-31-07.54 71-19-19.53	1156.3	(235.6)	1391.9	Off Sheet		
Paradise Rock 2, 1917	1/55 502/2-11	1927	41-30-02.899 71-15-46.676	232.6	(1618.4)	1851.0	Pricked direct		
Potters Cove Rear Range, 1915	1/138 501/4	1927	41-30-45.787 71-22-23.785	452.8	(938.5)	1391.3	Off Sheet		
Raposo, 1934	1/63 501/9	1927	41-32-03.89 71-18-43.27	89.4	(1761.6)	1851.0	Off Sheet		
Rose Island Aero Light, 1934	1/60 501/3	1927	41-29-46.252 71-20-30.644	1082.6	(309.0)	1391.6	Off Sheet		
Rose Island L.H., 1888	1/58 501/3	1927	41-29-43.359 71-20-35.752	1412.6	(438.4)	1851.0	Off Sheet		
Rose Island, Tank, 1940	1/40 501/9	1927	41-29-43.985 71-20-25.791	551.6	(839.8)	1391.4	Off Sheet		
Naval Training Station, South Tank, 1943	1/70 501/2	1927	41-30-12.311 71-19-21.379	120.0	(1731.0)	1851.0	Off Sheet		
S.E. War College, Tank, 1943	1/61 501/2	1927	41-28-50.43 71-18-58.14	1003.1	(387.8)	1390.9	Pricked direct		
Tall Stack, Waterfront, 1932	1/57 501/1	1927	41-27-46.729 71-20-11.710	1426.9	(424.1)	1851.0	Pricked direct		
Telegraph 2, 1869				710.8	(680.9)	1391.7			
				1337.7	(513.3)	1851.0			
				829.3	(562.4)	1391.7			
				1357.0	(494.0)	1851.0			
				598.2	(793.5)	1391.7			
				1747.4	(103.6)	1851.0			
				174.8	(1216.5)	1391.3			
				379.8	(1471.2)	1851.0			
				495.8	(895.7)	1391.5			
				1555.8	(295.2)	1851.0			
				1348.9	(43.2)	1392.1			
				1441.6	(409.4)	1851.0			
				271.8	(1120.7)	1392.5			

1 FT. = 3048008 METER

COMPUTED BY: J. B. McDonald

DATE 27 July 1955

CHECKED BY: Morton Keller

DATE 27 July 1955

M-2388-12

MAP T.	PROJECT NO.	SCALE OF MAP	SCALE FACTOR
11433	Ph-142	10:10,000	

PROJECT NO. Ph-142

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

SCALE FACTOR

STATION	SOURCE OF INFORMATION (INDEX)	DATUM	LATITUDE OR Y-COORDINATE LONGITUDE OR X-COORDINATE	DISTANCE FROM GRID IN FEET, OR PROJECTION LINE IN METERS	N.A. 1927 - DATUM DISTANCE FROM GRID OR PROJECTION LINE IN METERS	FACTOR DISTANCE FROM GRID OR PROJECTION LINE IN METERS.
		N A		FORWARD (BACK)	FORWARD (BACK)	FORWARD (BACK)
U.S.N. 9, 1932	1/58 501/3	1927	41-30-25.976 71-19-50.585	801.4 (1049.6) 1173.1 (218.3)	Off Sheet 1391.4	
U.S.N. 56, 1932	1/58 501/3	1927	41-30-11.674 71-19-32.928	360.2 (1490.8) 763.7 (627.9)	Pricked direct 1391.6	
War College Cupola, 1915	1/60 501/3	1927	41-30-26.383 71-19-48.201	813.9 (1037.1) 1117.8 (273.7)	Pricked direct 1391.5	
S.S. Adams 1940		1927	41-28 71-20	615.3 (1235.7) 746.1 (646.2)	1851.0 1392.3	
S.S. Bishop 2, 1943		1927	41-31 71-19	110.8 (1740.2) 1182.5 (208.8)	1851.0 Off Sheet 1391.3	
S.S. Paradise Rock 2, 1917		1927	41-30 71-15	80.0 (1771.0) 1078.5 (313.1)	1851.0 1391.6	
S.S. Raposo, 1934		1927	41-32 71-18	157.0 (1694.0) 998.2 (392.7)	Off Sheet 1390.9	
Balch's House North Chimney, 1869	1/146 502/2	1927	41-28-59.96 71-16-21.02	1849.8 (1.2) 487.7 (904.3)	1851.0 1392.0	
St. Georges Spire N.W. 1940	1/55 501/9	1927	41-29-29.020 71-16-24.933	895.3 (955.7) 578.4 (813.4)		
						-14B-

1 FT. = 3048006 METER

COMPUTED BY: J. B. McDonald

DATE 27 July 1955

CHECKED BY: Morton Keller

DATE 27 July 1955

M-2388-12

COMPILATION REPORT
Project Ph-142
T-11433 E & W

Photogrammetric Plot Report:

Models were held to horizontal control points and pass-points from Washington Office (Stereoplanigraph) bridging.

31. DELINEATION

Delineation was by Kelsh plotter on vinylite projections. The final manuscript was prepared in two parts by standard scribing methods. Reproduction is on cronaflex. Field inspection was good. * 1956 photography was used for revision.

* MOST OF THIS PHOTOGRAPHY WAS NOT AVAILABLE TO
THE REVISER. AKA

32. CONTROL

Horizontal control was adequate. Vertical control is inapplicable.

33. SUPPLEMENTAL DATA

Final names standard, dated 12/15/54.

34. CONTOURS AND DRAINAGE

Drainage is complete. Contours are inapplicable.

35. SHORELINE AND ALONGSHORE DETAILS

All shoreline details are from field inspection which was thorough. Low-water lines are based on field inspection.

1956 photography was used for shoreline changes:

56-W-233 through 234
376 through 379
474 through 475.

Most of the shoreline appears to have changed little, except for building deletions, new buildings and pier changes. Without the aid of new shoreline inspection, other possible changes could not be made with certainty.

36. OFFSHORE DETAILS

Notes to hydrographer were submitted 19 March 1956.

37. LANDMARKS AND AIDS

Forms 567 have been previously submitted for 17 landmarks and 7 aids. One landmark was recommended for deletion.

38. CONTROL FOR FUTURE SURVEYS

In addition to 5 landmarks and 1 aid, 3 recoverable topographic points were established. As these were natural objects, Forms 524 were not submitted. All topographic stations are listed under item 49.

39. JUNCTIONS

Junctions have been made as follows:

To the north with T-10500 and T-10501
(project Ph-163)

To the east with T-11434

To the west with T-11432

To the south is an all water area.

40. HORIZONTAL AND VERTICAL ACCURACY

No comment.

41. thru 45.

Inapplicable.

46. COMPARISON WITH EXISTING MAPS

U.S.G.S. 7½ minute quadrangle, Newport, R. I., scale 1:31,680, 1944.

47. COMPARISON WITH NAUTICAL CHARTS

Chart No. 236, scale 1:20,000, published at Washington, D. C. January 1953 (8th edition) 8/31/53.

Items to be applied to nautical charts immediately: None.

Items to be carried forward: None.

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

Respectfully submitted,
25 March 1959

Joseph D. McEvoy
Joseph D. McEvoy

Carto. (Photo.)

PHOTOGRAMMETRIC OFFICE REVIEW

T. 11433 E & W

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

4a. Classification label ☒

CONTROL STATIONS

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

ALONGSHORE AREAS

(Nautical Chart Data)

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

PHYSICAL FEATURES

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

CULTURAL FEATURES

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

BOUNDARIES

31. Boundary lines ☒ 32. Public land lines ☒

MISCELLANEOUS

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

40.

Joseph D. McEvoy
Reviewer

Henry P. Eschert
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:

DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY

**ALL INFORMATION CONTAINED
HEREIN IS UNCLASSIFIED
DATE 08-19-2010 BY 60322 UCBAW**

STRIKE OUT ONE

NONMEM/ADAPT/ADAPT-OR LANDMARKS FOR CHARTS

Baltimore, Maryland

March 16, 1956

I recommend that the following objects which have *(have not)* been inspected from seaward to determine their value as landmarks be ~~deleted from~~ *(deleted from)* the charts indicated.

The positions given have been checked after listing by

Henry P. Elchert

काशी हि. वि.

Chief of Party.

[illegible]

This form shall be prepared in accordance with Hydrographic Manual, pages 800 to 804. Positions of charted landmarks and *nonfloating*

DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY

MONITORING/AIDS/OK LANDMARKS FOR CHARTS

TO BE CHARTED
~~TO BE CHARTED~~ STRIKE OUT ONE

Baltimore, Maryland

March 16, 1956

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 **Henry P. Eichert**

E. H. Kirsch Chief of Party.

STATE	CHARTING NAME	DESCRIPTION	SIGNAL NAME	POSITION						METHOD OF LOCATION AND SURVEY NO.	DATE OF LOCATION	HARBOR CHART	INSHORE CHART	OFFSHORE CHART	CHARTS AFFECTED
				LATITUDE *		LONGITUDE *									
				° ' "	D.M. METERS	° ' "	D.P. METERS	DATUM							
RHODE ISLAND	TANK	Water, Skeleton Steel, ht=70(78)		41 29	43.985	71 20	25.791	N.A.	1927	Triang. T-11433	1940	X	X		236,353
	CHURCH TOWER	(Δ) Rose Island Tank, 1940		41 29	1357.0	71 20	598.2	"	"	"		X	X		1210
		St. John's Church bell tower, wood, ht=102(114) (\odot) Church Tower, 1954		41 29	37.54	71 19	16.43	"	"	Air Photo T-11433	1954	X	X		"
	TANK	Water, Skeleton Steel, ht=116(124) (Δ) Goat Island, North Tank, 1943		41 29	27.553	71 19	40.891	"	"	Triang. T-11433	1943	X	X		"
	TANK	Water, Skeleton Steel, ht=116(128) (Δ) Goat Island South Tank, 1943		41 29	850.0	71 19	948.5	"	"	"	1943	X	X		"
	SPIRE	White, wooden, ht=149(184) (Δ) Newport, Trinity Church, Spire, 1934		41 29	14.158	71 19	42.801	"	"	"	1943	X	X		"
	SPIRE	Brown, Stone, ht=127(207) (Δ) Newport, Channing Memorial Ch. Sp., 1934		41 29	436.8	71 18	992.9	"	"	"	1934	X	X		"
	SPIRE	Brown, Stone, ht=137(175) (Δ) Newport, St. Marys Ch. Sp., 1934		41 29	13.927	71 18	49.842	"	"	"	1934	X	X		"
	SPIRE	Yellow, brick, ht=186(193) (Δ) Tall stack water front, 1932		41 29	429.6	71 16	1156.3	"	"	"	1934	X	X		"
	STACK	White, wooden, ht=150(255) (Δ) James Estate, Flagpole, 1943		41 28	07.061	71 18	382738	"	"	"	1932	X	X		"
	FLAGPOLE	Gray, Stone, ht=138(286) (Δ) St. Georges Spire W.W., 1940		41 29	217.8	71 16	2898.7	"	"	"	1943	X	X		"
SPIRE	Shingle covered, ht = 55 (125) (Δ) Cupola, 1932		41 29	02.435	71 16	47.948	"	"	"	1940	X	X		"	
CUPOLA	(Δ) Cupola, 1932		41 28	75.1	71 22	1112.4	"	"	"	1932	X	X		"	
CUPOLA	Red, ht=58(76) (Δ) Newport, Davis House, Cupola, 1912		41 28	1558.8	71 21	58.14	"	"	"	1912	X	X		"	
CUPOLA	Red, ht=55(95) (Δ) Bull Point Cupola, 1915		41 27	46.780	71 21	1384.9	"	"	"	1915	X	X		"	
CUPOLA			41 28	12.175	71 21	282.6	"	"	"						
			41 29	29.020	71 16	24.933	"	"	"						
			41 28	895.3	71 22	578.4	"	"	"						
			41 28	32.196	71 22	30.894	"	"	"						
			41 28	993.2	71 21	716.8	"	"	"						
			41 27	00.799	71 21	19.020	"	"	"						
			41 28	24.6	71 21	441.5	"	"	"						
			41 28	47.663	71 21	22.263	"	"	"						
			41 28	1470.4	71 21	516.5	"	"	"						

This form shall be prepared in accordance with Hydrographic Manual, pages 800 to 804. Positions of charted landmarks and nonfloating

DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY

TO BE CHARTED
TOP SECRET

STRIKE OUT ONE

NONFLOATING AIDS OR LANDMARKS FOR CHARTS

Baltimore, Maryland

March 16 1956

I recommend that the following objects which have *(have not)* been inspected from seaward to determine their value as landmarks be charted on ~~(delete)~~ the charts indicated.

The positions given have been checked after listing by Henry P. Eichert

H. H. Kirsbach

Chief of Party,

STATE	CHARTING NAME	DESCRIPTION	SIGNAL NAME	POSITION							METHOD OF LOCATION AND SURVEY No.	DATE OF LOCATION	HARBOR CHART	INSHORE CHART	OFFSHORE CHART	CHARTS AFFECTED
				LATITUDE *		LONGITUDE *		DATUM								
				°	'	°	'									
LH		Rose Island Light (△) Rose Island Lighthouse, 1888)		43.359	71 20	35.752	N.A.	1927	Triang.	1888	X	X		236, 353		
LH		Newport Harbor Light, (△) Goat Island Lighthouse, 1888)		35.570	71 19	39.201	"	"	"	1888	X	X		1210		
LT		Goat Island Shoal Light (△) Goat Island Shoal Light, 1934)		38.024	71 19	39.279	"	"	"	1934	X	X		"		
LT		Ida Lewis Rock Light (△) Ida Lewis Light, 1934)		38.95	71 19	35.219	"	"	"	1934	X	X		"		
LT		Fort Adams Light (△) Fort Adams Light, 1934)		53.817	71 20	16.075	"	"	"	1934	X	X		"		
LH		Castle Hill Light (△) Castle Hill Lighthouse, 1897)		43.329	71 21	18.249	"	"	"	1897	X	X		"		
DAYBN		(○) Little Ida Lewis Rock Daybeacon, 1954)		47.07	71 19	12.67	"	"	Air Photo	1954	X	X		"		
				47.52	71 19	294	"	"	T-11433							

This form shall be prepared in accordance with Hydrographic Manual, pages 800 to 804. Positions of charted landmarks and *nonfloating*

48. GEOGRAPHIC NAME LIST

Almy Pond
Aquidneck Island

Bailey Beach
Brenton Cove
Brenton Point
*Brenton Reef
Bull Point
Butter Ball Rock

Castle Cove
Castle Hill
Cherry Neck
Citing Rock
Conanicut Island
Conrad Cave

*Easton Beach
Easton Point
*Easton Pond
East Passage

Fort Adams
Fort Cove
Fort Hamilton
Fort Wetherill
Forty Stems
Freebody Park

Gardiner Pond
Goat Island
Gooseberry Beach
Gooseberry Island
Goose Neck
Goose Neck Cove
Graves Point
*Green End Pond
Gull Rock

Haycock Kedge
Hazard Beach

*Ida Lewis Rock

Jamestown

Kettle Bottom Rock
King Park

Lands End
Lily Pond
Little Ida Lewis Rock

Maidford River
Marys Seat
Mitchell Rock
Morton Park

Narragansett Bay
Nelson Pond
Newport
Newport Harbor
Newport Neck
N.Y.N.H. & H.R.R.

Ochre Point
Old Salt Works Beach

Paradise Brook
Pirate Cave
Point of Trees
Price Neck
Purgatory

Ragged Point
Rams Head
Rose Island
Rough Point

Sachuest Bay
Sachuest Beach
Sand Beach Cove
Seal Rock
Sheep Point
Sheep Point Cove
Southwest Point
Spouting Rock
Supp Rock

The Dumplings
Tracey Ledge
Truro Park

West Cove

* B.G.N. Decision

George M. Ball
GEOGRAPHIC NAME SECTION
21 April 1960

REVIEW REPORT T-11433 E&W
SHORELINE
April 8, 1960

62. Comparison with Registered Topographic Surveys

182	1:10,000	1844
1163	"	1870
1194	"	1870-71
3678	"	1917
6116	1: 5,000	1934
6117	1: 5,000	1934

63. Comparison with Maps of Other Agencies

USGS	Newport, R.I.	31,680	1944
------	---------------	--------	------

64. Comparison with Contemporary Hydrographic Surveys

The manuscript was compared with the unverified smooth sheet H-8367 and the partially verified smooth sheet H-8366.

Comparison was difficult due to the plethora of hydrographic data in the area, and the fact that most of the hydrographic information was unverified. Frequent discussions were held with the verification section to immediately resolve some differences and discuss others. All discrepancies, not resolved during review, are listed on a separate sheet.

Use of this sheet, with a copy of this report, will enable the hydrographic verifier to pinpoint the differences.

The field photographs involved and their respective stages of tide at time of exposure follow:

43646-43647	at MLW
54-W-1114 thru 1121	1:1' above MLW
54-W-1156 " 1159	0.8 " "
56-W-379 " 380	(376, 377, 378, could not be found during review (Final) 2.6' above MLW

DIFFERENCESCOMMENTS

41°28'56"

71°15'39"

Position difference on
two rocks awash

Hydro position about 15m S of
manuscript position.

41°27'30"

71°19'29"

Manuscript show 3 MHW
Hydro. show awash MHW

Elevation from field inspection

41°27'06"

71°20'45"

Manuscript shows ledge — reef
Hydro sheet show rock awash — 2 rocks and reef separate

Positions agree

41°26'38"

71°20'58"

Manuscript shows two rocks
Hydro shows one whose posi-
tion is in center of two

All photos indicate two rocks

det pos on similar rock
rock awash (2) and if
reel.

65. Comparison with Nautical Charts

353 1:40,000 19th Edition March 58 1/25/60

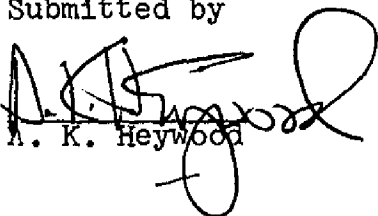
66. Adequacy of Results and Future Surveys

Field inspection was good. As mentioned in other reports, the poorest photographs were chosen for inspection, 54-W-1118-1119. The nine-lens of the same year was taken at low water and superior in clarity and detail.

Much scribed offshore detail on the west sheet was added or deleted during review. Many rocks were added from nine-lens photographs and much of the offshore ledge was reduced in size and extent.

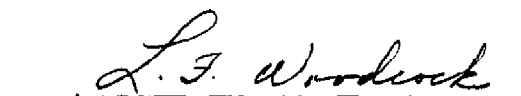
This map complies with all instructions and meets the National Standards of Map Accuracy.

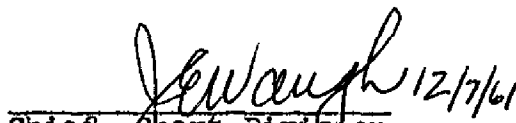
Submitted by



A. K. Heywood

Approved


L. G. Lande, Chief
Review Section


Asst. L. F. Woodcock, Chief
Photogrammetry Division


Chief, Chart Division
Nautical Chart Division
Office of Hydrography


Chief, Coastal Surveys
Division

NAUTICAL CHARTS BRANCH

SURVEY NO. T-11433 W & E.

Record of Application to Charts

[illegible]

M-2168-1

A basic hydrographic or topographic survey supersedes all information of like nature on the uncorrected chart. Give reasons for deviations, if any, from recommendations made under "Comparison with Charts" in the Review.