11451

Diag. Cht. No. 1211-2.

Form 504

U. S. DEPARTMENT OF COMMERCE

COAST AND GEODETIC SURVEY

DESCRIPTIVE REPORT

Type of Survey Shoreline

Field No. Ph-142 *Office No.* T-11451

LOCALITY

State Connecticut, New York & Rhode I.

General locality Block Island Sound

Locality East Part Fishers Island

1954

CHIEF OF PARTY

L.F.Woodcock, Chief of Party

W.F.Deane, Balto. District Office

~~L.W.Swanson, Div. Of Photo. Wash., D.C.~~

LIBRARY & ARCHIVES

DATE April 1962

USCOMM-DC 5087

11451

DATA RECORD

T-11451

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

Field Office (II): Groton, Conn. Chief of Party: L. F. Woodcock

Photogrammetric Office (III): Washington, D. C.
Baltimore, Md.

Officer-in-Charge: L. W. Swanson
William F. Deane
Copy filed in Division of Photogrammetry (IV)

Instructions dated (II) (III): 8 June 1954
18 August 1954
15 September 1955

Method of Compilation (III): Stereoplanigraph
Kelsh

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

Scale Factor (III): 1.000

Date received in Washington Office (IV): MAY 28 1959 Date reported to Nautical Chart Branch (IV):

Applied to Chart No. Date: Date registered (IV): 29 Aug 1960

Publication Scale (IV): Publication date (IV):

Geographic Datum (III): N.A. 1927 Vertical Datum (III): MHW

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

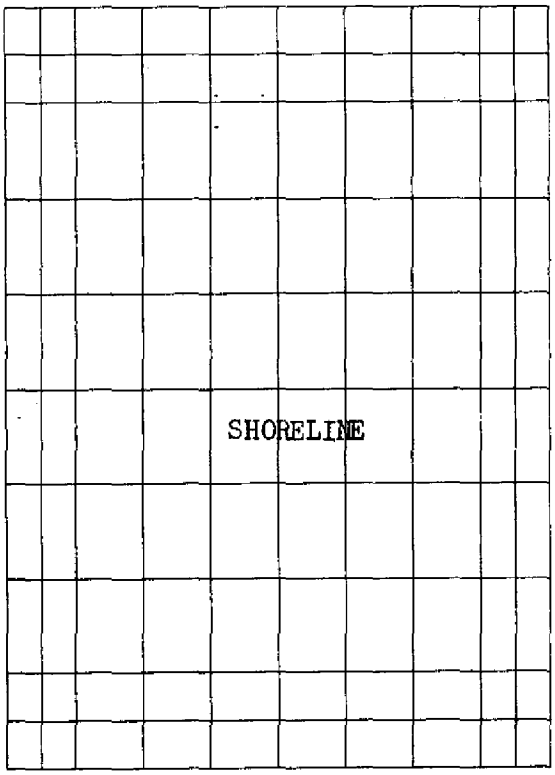
Reference Station (III): CHOCOMOUNT OP, 1940

Lat.: 41° 16' 47.521" (1466.0m) Long.: 71° 57' 48.311" (1124.3 m) Adjusted

Plane Coordinates (IV): State: Connecticut Zone: ---
New York Long Island
Y= X= Rhode Island ---

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.



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

DATA RECORD

Field Inspection by (II): B. F. Lampton, Jr.
I.V. Fitzgerald
Date: 17 August 1954
14 Sept 1954
11 Aug. 1954

Planetable contouring by (II): Date:

Completion Surveys by (II): Date:

Mean High Water Location (III) (State date and method of location):
1954 (Date of Photography)
Photogrammetric

Projection and Grids ruled by (IV): A. Riley Date: 7 Dec. 1954

Projection and Grids checked by (IV): A. Riley Date: 10 Dec. 1954

Control plotted by (III): J. B. McDonald Date: 4 April 1956

Control checked by (III): C.O. DeMarr Date: 4 April 1956

Radial Plot or Stereoscopic Control extension by (III): None Date:

Stereoscopic Instrument compilation (III):
Planimetry: G. Ball, J. Perrow, J. C. Richter Date: 3 Oct. 1957
Contours Date:

Manuscript delineated by (III): J. C. Cregan (scribed) Date: 6 Jan. 1959

Photogrammetric Office Review by (III): J. W. Vonasek Date: 26 Feb. 1958

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

M-2618-12(4)

FORM 181c
(4-23-54)

U.S. DEPARTMENT OF COMMERCE
COAST AND GEODETIC SURVEY

DESCRIPTIVE REPORT - DATA RECORD

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

PHOTOGRAPHS (III)

Number	Date	Time (E.S.T.)	Scale	Stage of Tide
54-W-1264 thru 1267	4/22/54	1503	1:20,000	1.4' above MLW
54-W-1272 thru 1276	"	1508	"	1.4' " "
43746 & 43748A	4/24/54	1636	1:10,000	1.5' " "

Tide (III)

Ratio of Ranges	Mean Range	Spring Range
	2.6	3.1
	2.5	3.0

Reference Station: New London
Subordinate Station: West Harbor Fishers Island, New York
Subordinate Station:

Washington Office Review by (IV): D. K. Hengood Date: April 29, 1960

Final Drafting by (IV): Date:

Drafting verified for reproduction by (IV): D. K. Hengood Date: April 29, 1960

Proof Edit by (IV): Date:

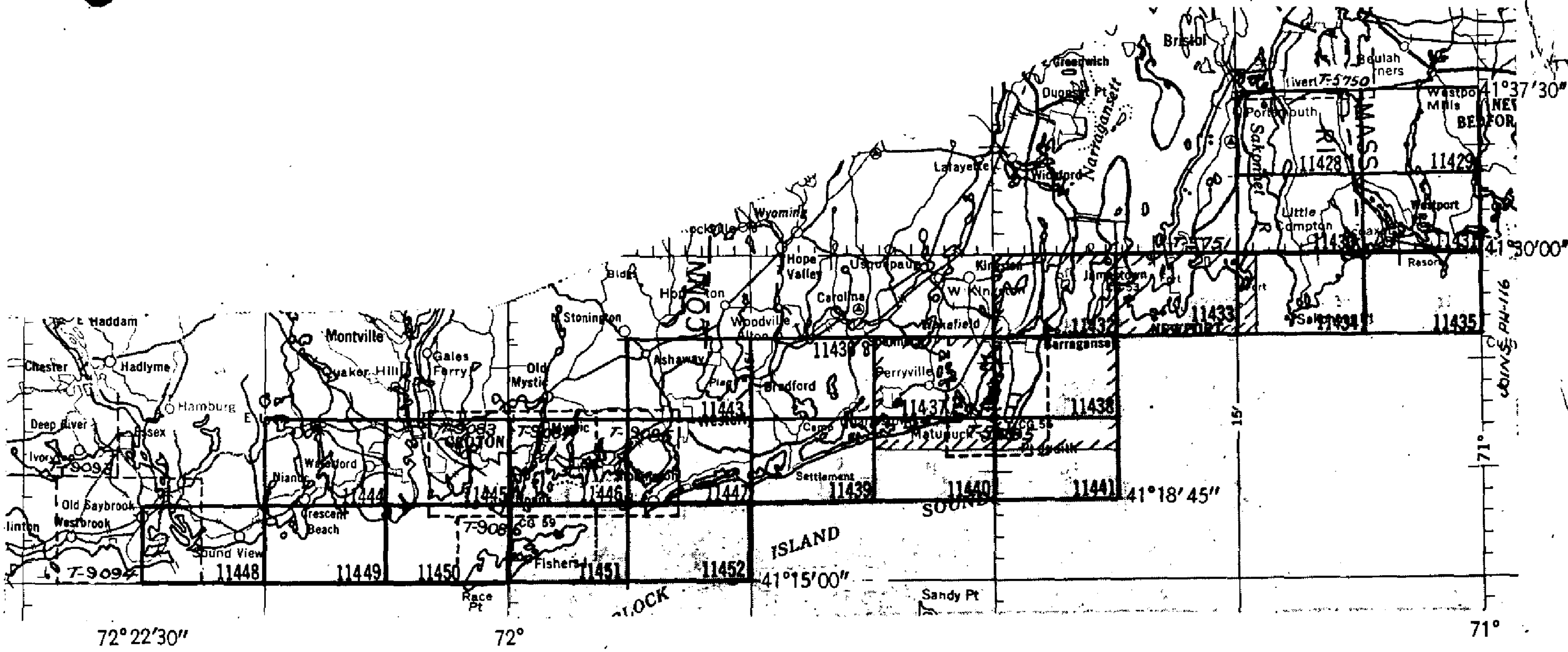
Land Area (Sq. Statute Miles) (III): 3
Shoreline (More than 200 meters to opposite shore) (III): 13 mi.
Shoreline (Less than 200 meters to opposite shore) (III): 2 mi.
Control Leveling - Miles (II): None
Number of Triangulation Stations searched for (II): 20 Recovered: 16 Identified: 12
Number of BMs searched for (II): None Recovered: Identified:
Number of Recoverable Photo Stations established (III): None
Number of Temporary Photo Hydro Stations established (III): None

Remarks:

COMM-DC-57842

SHORELINE MAPPING PROJECT PH-142

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



OFFICIAL MILEAGE FOR COST ACCOUNTS	LIN.MI.	AREA
SHEET NO.	SHORELINE	SQ.MILES
11428	12	23
11429	10	26
11430	10	24
11431	35	22
11432	27	17
11433	26	7
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
11447	28	22
11448	30	8
11449	20	4
11450	8	3
11451	14	3
11452	4	1
TOTALS	450	308

---- Indicates shoreline revision

Topographic revision

SUMMARY
PROJECT PH 142
TWENTY-FOUR

This project consists of 3 3/4' X 7½', 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".

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

This ~~All~~ sheet was ~~were~~ scribed and transmitted to the Washington Office by Baltimore Office

Final Review was completed by April 1960.

Submitted by:

A. K. Heywood

2. AREAL FIELD INSPECTION T 11451

The eastern portion of Fishers Island comprises most of the land area. The western end of Napatree Beach extends into the eastern part of the sheet.

Fishers Island is quite rugged, with elevations rising to more than 100 feet. The shoreline is mostly rocky, interspersed with a few sand beaches on the south shore. There are a number of ponds and swamps in the interior and some minor marsh areas. There is an adequate network of roads serving the numerous residences.

Field inspection was completed prior to two hurricanes on 31 August and 11 September. Damage within the limits of the sheet is believed to be light, because of the rugged character of the land. Some of the beach structures were probably destroyed and there are probably minor changes in the mean high water line. No field check of the area was made after the hurricanes.

The field inspection is believed to be complete. Field notes have been applied to the following photographs: 54-W-1271 through 54-W-1276. and 54-W-1264.

3. HORIZONTAL CONTROL

All Coast and Geodetic Survey triangulation stations were searched for. Of those recovered, selected stations were identified to provide a minimum spacing of one-half mile.

The following stations have been reported as lost: FORT (USE) 1934; HUNGRY POINT 1934; CLAY POINT 1934; WILDERNESS 1943; CATUMB ROCKS BN 1904. At station HUNGRY POINT 1934 the position of the station as reestablished by measurements from reference marks was identified. At station WILDERNESS 1943, reference mark No. 1 was identified.

4. VERTICAL CONTROL

There are no tidal bench marks within the sheet. No other vertical control required.

5. CONTOURS AND DRAINAGE

Contours inapplicable.

Drainage consists chiefly of ponds and swamps. There are a few minor streams, most of which are clearly visible on the photographs. Streams not visible have been indicated on the photographs.

6. WOODLAND COVER

Woodland cover has been indicated according to project instructions. In some areas there is vegetation of sufficient height to be classified as trees according to standards given in the Topographic Manual adjacent to vegetation of the same character which is of insufficient height. The distinction is not very clear on the photographs. In such cases, the field inspector has endeavored to give sufficient notes along the junction to allow the compiler to make a distinction.

7. SHORELINE AND ALONGSHORE FEATURES

At the time of field inspection, no appreciable change in the mean high water line since time of photography could be observed.

Throughout most of the sheet, the shoreline is quite rocky, interspersed with a few sand beaches. There is a minimum of apparent shoreline at edge of marsh, as there is a tendency for beaches to build up across the seaward limit of marsh, thus cutting it off from the water.

The stage of tide did not reach mean low water during field inspection. Some areas were inspected at a stage of 0.4 feet above mean low water, and an approximate low water line has been shown in these areas. Throughout most of the sheet, the mean low water line is not sufficiently distant from the mean high water line to have any significance.

There are a number of bluffs along the south shore of Fishers Island that are landmark features. They are clearly visible on the photographs and are adequately portrayed by contours on the U. S. Geological Survey "Mystic" Quadrangle.

Wharves, piers and other shoreline structures have been indicated by notes on the photographs.

The shore end of one submarine cable has been located.

8. OFFSHORE FEATURES

Offshore rocks have been indicated by a leader with the elevation of the rock in feet, followed by the Eastern Daylight Saving time of measurement. The date of measurement is given elsewhere on the photograph. Offshore rocks are quite numerous and a number of areas have been outlined and labeled "rocky".

Nautical charts of the area show many rocks bare at mean low water at some distance offshore, that could not be seen during field inspection. These should be investigated by the hydrographic party.

9. LANDMARKS AND AIDS

One landmark for charts and one fixed aid to navigation have been verified and reported on Form 567.

10. BOUNDARIES, MONUMENTS AND LINES

The New York-Connecticut, New York-Rhode Island, and Connecticut-Rhode Island boundaries effect this map. These boundaries are all through water areas so there are no monuments.

There is one corner in the New York-Connecticut boundary and a corner common to all three boundaries in Fishers Island Sound. The positions of these corners and the bearings of the boundaries are given in the legal descriptions as contained in "Special Report, State Boundaries, Project Ph-142." The accuracy of these positions is unknown and are probably subject to an adjustment to place them on the North American Datum of 1927 as they are apparently on the old North American Datum.

11. OTHER CONTROL

None was established.

12. OTHER INTERIOR FEATURES

Field inspection took place prior to the receipt of Supplement 3, 18 August 1954, to the project instructions. Inspection of buildings was made throughout the entire land area and has been indicated according to the following method:

Class 1 buildings are indicated by a red x on the image of the building.

Class 2 buildings are indicated by a red numeral 2 on the image of the building.

"Blocked-in" buildings are classified by a numeral and leader. The numeral and leader were used in other instances where it was more convenient.

Buildings not to be mapped and objects likely to be mistaken for buildings have been indicated by a green x.

13. GEOGRAPHIC NAMES

No discrepancies were noted during field inspection.

14. SPECIAL REPORTS AND SUPPLEMENTAL DATA

Letter of Transmittal No. Ph-142-3, Form 567, 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.

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

Letter of Transmittal No. Ph-142-16, Data, Map T-11451, forwarded to Washington Office OCT 27 1954

Submitted
20 October 1954

B. Frank Lampton, Jr.

B. Frank Lampton, Jr.
Carto. Survey Aid

Approved & Forwarded

OCT 27 1954

Lorin F. Woodcock

Lorin F. Woodcock
Chief of Party

Photogrammetry

MAP T-11451 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 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)
$B_3^4 S_3^4$ 1943	GTZ° G5831 dis 276/39	1927	41 17 05.454	168.2 (1682.8)	1851.0	30.849	Topo
			71 56 02.496	58.1 (1338.2)	1396.3	23.271	Not plotted, congested
$B_8^4 S_8^4$, 1943	"	"	41 17 04.972	153.4 (1697.6)	1851.0	30.849 Not plotted	Topo
			71 56 03.639	84.7 (1311.6)	1396.3	23.271 Congested	
$B_{13}^4 S_{13}^4$ 1943	"	"	41 17 04.515	139.3 (1711.7)	1851.0	30.849	~~Topo~~
			71 56 03.586	83.4 (1312.9)	1396.3	23.271	88.40 ft. to $B_{12}^8 S_{12}^8$
$B_{12}^8 S_{12}^8$ 1943	L.I. 225 276 39	"	41 17 05.211	160.8 (1690.2)	1851.0	30.849	Not plotted, congested Topo
			71 56 02.887	67.2 (1329.1)	1396.3	23.271	88.40 ft. to $B_{13}^4 S_{13}^4$
BATTERY 916, 1943	L.I. 225 276 40-51	"	41 17 31.280	965.0 (886.0)	1851.0	30.849	
			71 55 23.141	538.4 (857.7)	1396.1	23.268	
BROOKS POINT, 1934	L.I. 39 276 25-35-48	"	41 17 00.699	21.6 (1829.4)	1851.0		
			71 58 01.077	25.1 (1371.2)	1396.3		
SS BROOKS PT., 1934		"	41 17	35.0 (1816.0)	1851.0		
			71 58	42.5 (1353.8)	1396.3		
CHOCOMOUNT OP, 1940	L.I. 206 276 36	"	41 16 47.521	1466.0 (385.0)	1851.0	30.849	
			71 57 48.311	1124.3 (272.1)	1396.4	23.272	
SS CHOCOMOUNT OP, 1940		"	41 16	1474.1 (376.9)	1851.0		
			71 57	1106.4 (290.0)	1396.4		
COAST GUARD CUPOLA (Fishers Island, N.Y.), 1934	L.I. 42 276 26-35-48	"	41 16 58.787	1813.5 (37.5)	1851.0	Pricked Direct	
			71 56 41.048	955.2 (441.1)	1396.3		
EAST END 2 (N.Y.), ~~1934~~ 1918	L.I. 39 276 26-39	"	41 17 05.908	182.3 (1668.7)	1851.0		
			71 56 03.260	75.9 (1320.4)	1396.3		
SS EAST END 2 (N.Y.), 1934		"	41 17	197.6 (1653.4)	1851.0		
			71 56	78.4 (1317.9)	1396.3		

1 FT. = .3048006 METER

M-2388-12

COMPUTED BY: J. B. McDonald DATE 22 March 1956 CHECKED BY: C. O. DeMarr DATE 28 March 1956

Photogrammetry

MAP T-11451 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 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)
EAST POINT, 1934	L.I. 225 276 26-29	1927	41 17 26.512	817.9	(1033.1)	1851.0				
			71 55 34.553	804.0	(592.1)	1396.1				
SS EAST POINT, 1934		"	41 17 .	812.4	(1038.6)	1851.0				
			71 55 .	830.7	(565.4)	1396.1				
CLUBHOUSE CHIMNEY (Fishers Island), 1934 NY	L.I. 42 276 26	"	41 16 48.320	1490.6	(360.4)	1851.0	Pricked Direct			
			71 56 52.094	1212.3	(184.1)	1396.4				
HUNGRY POINT (N.Y.), 1934	L.I. 39 276 26	"	41 17 02.526	77.9	(1773.1)	1851.0				
			71 57 20.305	472.5	(923.8)	1396.3				
SS HUNGRY POINT (N.Y.), 1934		"	41 17	78.2	(1772.8)	1851.0				
			71 57	453.6	(942.7)	1396.3				
LATIMER REEF LIGHTHOUSE, 1886	L.I. 159 276 29	"	41 18 15.871	489.6	(1361.4)	1851.0	Pricked Direct			
			71 56 01.683	39.2	(1356.6)	1395.8				
SIMMON'S CHIMNEY (Fishers Island)(NY), 1934	L.I. 42 276/26	"	41 17 30.796	950.0	(901.0)	1851.0	Pricked Direct			
			71 55 28.096	653.7	(742.4)	1396.1				
TOWER No. 9, 1943	L.I. 227 276 39	"	41 17 05.973	184.3	(1666.7)	1851.0	30.849	Not plotted		
			71 56 03.541	82.4	(1313.9)	1396.3	23.271	Congested		
WILDERNESS (N.Y.), 1943	L.I. 184-225 276 30	"	41 15 21.055	649.5	(1201.5)	1851.0	30.849	Not plotted Station lost		
			71 59 47.742	1111.5	(285.4)	1396.9	23.281			
RM 1 Wilderness (N.Y.) 1943		"	41 15	660.1	(1190.9)	1851.0	Pricked Direct			
			71 59 .	1101.4	(295.5)	1396.9				
WINTHROP (N.Y.), 1934	L.I. 39 276 26	"	41 17 21.568	665.4	(1185.6)	1851.0				
			71 56 20.569	478.6	(917.6)	1396.2				
SS WINTHROP (N.Y.), 1934		"	41 17	665.0	(1186.0)	1851.0				
			71 56	495.4	(900.8)	1396.2				

1 FT. = .3048006 METER

M-2388.12

COMPUTED BY: J. R. McDonald DATE 22 March 1956 CHECKED BY: C. O. DeMarr DATE 28 March 1956

Photogrammetry

3 of 3 sheets

MAP T-11451 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 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)
SUGAR ROCK Beacon (Bent), 1904	RI 124 499 23	1927	41 17 40.71 71 52 45.65	1255.9 (595.1) 1062.1 (334.1)	1851.0 1396.2		

Plotting checked by C.O. DeMarr
4 April 1956

13

1 FT. = .3048006 METER

M-2388-12

COMPUTED BY: J. B. McDonald DATE 22 March 1956 CHECKED BY: C. O. DeMarr DATE 28 March 1956

COMPILATION REPORT
Project Ph-142
T-11451

Photogrammetric Plot Report:
Strip 1271-1276 was bridged in the Washington Office on the stereoplanigraph.

The photogrammetric plot report for the north edge of the survey is part of the descriptive report for survey T-11440.

31. DELINEATION

The Stereoplanigraph and Kelsh plotter were used for delineation on vinylite projection.

32. CONTROL

Horizontal control was adequate.

Triangulation station WILDERNESS RM 1, 1943 could not be held. The recovery card indicates doubt as to the correct recovery of this station. The recovered station was checked to see if it could be RM 2, but this also failed to hold in the stereo model.

Triangulation stations SIMMON'S CHIMNEY, 1934 and FISHERS ISLAND CLUBHOUSE CHIMNEY, 1934 as pricked on the photographs did not hold in the stereo model.

33. SUPPLEMENTAL DATA

Final Names Standard dated 12/15/54 and 7/10/56.

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. Low water lines are based on field inspection on the nine-lens photographs.

36. OFFSHORE DETAILS

Several features with geographic names could not be delineated. See paragraph 49.

Refer to paragraph 8 of the field report regarding charted rocks that could not be delineated.

37. LANDMARKS AND AIDS

Forms 567 were submitted for one landmark and two aids to navigation.

38. CONTROL FOR FUTURE SURVEYS

A set of 1:10,000 scale ratio prints has been prepared showing points for photo-hydro control.

CLAY POINT RM 2, 1934 shown on survey T-9086(1949) as a recoverable topographic station was not found.

39. JUNCTIONS

Junctions have been made as follows:
to the north with T-11446
to the east with T-11452
to the west with T-11450
to the south is Block Island Sound.

40. HORIZONTAL AND VERTICAL ACCURACY

No comment.

41. BOUNDARIES

Datum corrections were applied to the geographic positions of two points on the Connecticut - New York State boundary given in appendix 3 of the boundary report.

Refer to paragraph 41 of the descriptive report for Survey T-11447 regarding the Connecticut-Rhode Island state boundary.

42 - 45 Inapplicable.

46. COMPARISON WITH EXISTING MAPS

USGS 7½ min. quadrangle Mystic, Connecticut, N. Y., R. I., scale 1:31,680 edition of 1944, reprinted 1951.

Bureau Surveys as follows:

T-9084 (1948) scale 1:10,000
T-9085 (1948) " "
T-9086 (1949) " "

47. COMPARISON WITH NAUTICAL CHARTS

Chart No. 358, scale 1:20,000 published December 12, 1942, corrected to 5/11/56.

Items to be applied to nautical charts: None.

Items to be carried forward: None.

Respectfully submitted,
26 February 1958

Joseph W. Vonasek per ltr
Joseph W. Vonasek
Cartographer (Photo.)

Approved and forwarded
20 May 1959

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- 11451

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 Vrooman
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:

49. NOTES FOR THE HYDROGRAPHER

A set of 1:10,000 scale ratio prints has been prepared showing detail points for use in locating photo-hydro signals.

Refer to paragraph 8 of the field report regarding charted offshore rocks which could not be delineated.

The following offshore features could not be identified on the photographs and have not been delineated:

Catumb Rocks
East Clump
Eel Grass Ground
Gatanby Rock
Middle Clump

Nepatree Point Ledge
Planet Rock
Pulpit Rock
Ram Island Reef
Seal Rocks

Sugar Reef
West Clump
Wicopesset Rock
Youngs Rock

Form 567
April 1945

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 3 November, 19 58

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

William F. Deane *Chief of Party.*

STATE	NEW YORK		POSITION										
			LATITUDE*		LONGITUDE*								
CHARTING NAME	DESCRIPTION	SIGNAL NAME	° ′	″ D.M. METERS	° ′	″ D.P. METERS	DATUM	METHOD OF LOCATION AND SURVEY NO.	DATE OF LOCATION	HARBOR CHART	INSHORE CHART	OFFSHORE CHART	CHARTS AFFECTED
CUPOLA	White, wood / △ Coast Guard Cup. (Fisher's Is., N. Y.)/		41 16	58.787 1813.5	71 56	41.048 955.2	NA 1927	Trieng. T-11451	1934	x	x		358, 1211

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 1945

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 3 November, 1958

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

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

William F. Deane *Chief of Party.*

STATE NEW YORK

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
LH	Latimer Reef Light (Latimer Reef Lighthouse)		41 18	15.871 489.6	71 56	01.683 39.2	NA 1927	Triang. T-1145	1886	x	x		358, 1211
DYBN	Sugar Reef Daybeacon (Sugar Rock Beacon (Bent))		41 17	40.71 1255.9	71 52	45.65 1062.1	"	"	1904	x	x		358, 1211

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

48. GEOGRAPHIC NAMES LIST

Barley Field Cove
*Barlow Pond
*Beach Pond
Block Island Sound
Brickyard Pond
Brooks Point

Catumb Passage
Chocomount
Chocomount Beach
Chocomount Cove
Clay Point
Connecticut

East Harbor
East Point

*Fishers Island
Fishers Island Club
Fishers Island Sound

Hungry Point

Isabella Beach
Island Pond

*Latimer Reef
Little Narragansett Bay
*Lords Passage

Middle Farms Flats
Middle Farms Pond
Money Pond
Mud Pond

Napatree Beach
Napatree Point
New York

Pine Islands

*Ram Island
Rhode Island

South Beach
Swimming Rock

Treasure Pond

T-11451

Whaleback Rock
Wicopesset Island
Wicopesset Passage
Wreck Island

* B.G.N. Decisions

GEOGRAPHIC NAMES SECTION
5 MAY 1960

REVIEW REPORT T-11451
SHORELINE
29 April 1960

62. Comparison with Registered Topographic Surveys

57	1:10,000	1838
1508	1:10,000	1882
9086	1:10,000	1948

A detailed comparison was made with T-9086 during final review. Wherever possible, agreement between the two surveys was effected.

Since all photography for this survey was 1.5 above MLW, many of the offshore rocks awash @ MLW such as West Clump, Middle Clump, East Clump and Seal Rocks, could not be seen and should be carried forward.

63. Comparison with Maps of Other Agencies

USGS Mystic, Cohn, N. Y., R. I. 31,680 1951

64. Comparison with Contemporary Surveys

None.

65. Comparison with Nautical Charts

358 1:20,000 11 Edition December 1942 Revised 8/25/58

Two small offshore islands south of Barley Field Cove on the chart do not exist and should be deleted. Latest field inspection shows this area as shoal. Not changed. Covered by 1966 air photos
Pam
4/26/62

66. Adequacy of Results and Future Surveys

As in other areas, field inspection was completed prior to the hurricanes of 31 August and 11 September. Some changes, mostly cultural features, have undoubtedly taken place because of this. New hydrography scheduled for mid-summer 1960 in this area should reflect these revisions.

At the time of field inspection, the stage of tide did not reach MLW; consequently, many of the offshore rocks

66. Adequacy of Results and Future Surveys Continued

which bare at MLW were not delineated. Specific areas are detailed in Item 62 of this report.

This manuscript complies with project instructions and meets National Standards of Map Accuracy.

Submitted by:

A. K. Heywood

Approved by:

L. C. Lande
Chief, Review & Edit

~~E. W. Swanson~~ 4/2/62
Chief, Photogrammetry Division

Chief, Nautical Charts Division

Chief, Coastal Surveys Division

NAUTICAL CHARTS BRANCH

SURVEY NO. T-11451

Record of Application to Charts

DATE	CHART	CARTOGRAPHER	REMARKS
1/25/61	358	JHE	~~Before~~ After Verification and Review
			Part. applied. [illegible]
2-23-73	358	AL Pottilae	~~Before~~ After Verification and Review
			FULLY APPLIED, SUPERCEDED BY BP 62285 RS-722
			Before After Verification and Review
			Before After Verification and Review
			Before After Verification and Review
			Before After Verification and Review
			Before After Verification and Review
			Before After Verification and Review
			Before After Verification and Review
			Before After Verification and Review

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.