

9084

Diag. Cht. No. 1211-2

Form 504

U. S. COAST AND GEODETIC SURVEY

DEPARTMENT OF COMMERCE

DESCRIPTIVE REPORT

Type of Survey SHORELINE-PHOTOGRAMMETRIC

Field No. PH-31(LR)A Office No. T-9084

LOCALITY

State CONNECTICUT

General locality FISHERS ISLAND SOUND

Locality MYSTIC RIVER AND VICINITY

194 8

CHIEF OF PARTY

R. J. Sipe, Chief of Party

C. W. Clark, Portland, Oregon. Photo. Office

LIBRARY & ARCHIVES

DATE AUG - 29 - 1951

8-1870-1 (11)

9084

DATA RECORD

Field Inspection by (II): E. T. Jenkins & R.A. Horn

Date: 8-2-48 to 9-3-48

Planetable contouring by (II):

Date:

Completion Surveys by (II):

None

Date:

Mean High Water Location (III) (State date and method of location): May 2, 1948. The mean high-water line was delineated by the field party and transferred from the field prints to the office prints with the aid of the stereoscope.

Projection and Grids ruled by (IV):

W.O.

Date:

Projection and Grids checked by (IV):

W.O.

Date:

Control plotted by (III):

Frank H. Elrod

Date: 6-23-49

Control checked by (III):

Roy A. Davidson

Date: 6-30-49

Radial Plot or Stereoscopic
Control extension by (III):

Frank H. Elrod and Roy A. Davidson

Date: 7-11-49

Stereoscopic Instrument compilation (II):

Planimetry

Date:

Contours

Date:

Manuscript delineated by (III): Helen L. Laube

Date: 11-8-49

Photogrammetric Office Review by (III): Ree H. Barron

Date: 11-29-49

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

Date:

Camera (kind or source) (III): K # 17, U.S.C. & G.S. 6 in. focal length, Camera "J"

PHOTOGRAPHS (III)				
Number	Date	Time	Scale	Stage of Tide
48 J-827 to 830 incl.	5/2/48	13:00	1:10,000	0.8 ft. above M.L.W.
48 J-843 to 845 incl.	"	13:13	"	0.9 " " "
48 J-855 to 858 incl.	"	13:22	"	0.9 " " "

Tide (III)

Reference Station: New London, Conn.
 Subordinate Station: None
 Subordinate Station:

Ratio of Ranges	Mean Range	Spring Range
	2.6	3.1

Washington Office Review by (IV): Roscoe J. French

Date: 6-2-50

Final Drafting by (IV): M. J. Day

Date: 9-18-50

Drafting verified for reproduction by (IV): C. Kupiec

Date: 9-18-50

Proof Edit by (IV): Roscoe J. French

Date: 11-20-50

Land Area (Sq. Statute Miles) (III): 15.2

Shoreline (More than 200 meters to opposite shore) (III): 23.8 statute miles

Shoreline (Less than 200 meters to opposite shore) (III): 2.3 " "

Control Leveling - Miles (II):

Number of Triangulation Stations searched for (II): ?

Recovered: 34

Identified: 9

Number of BMs searched for (II):

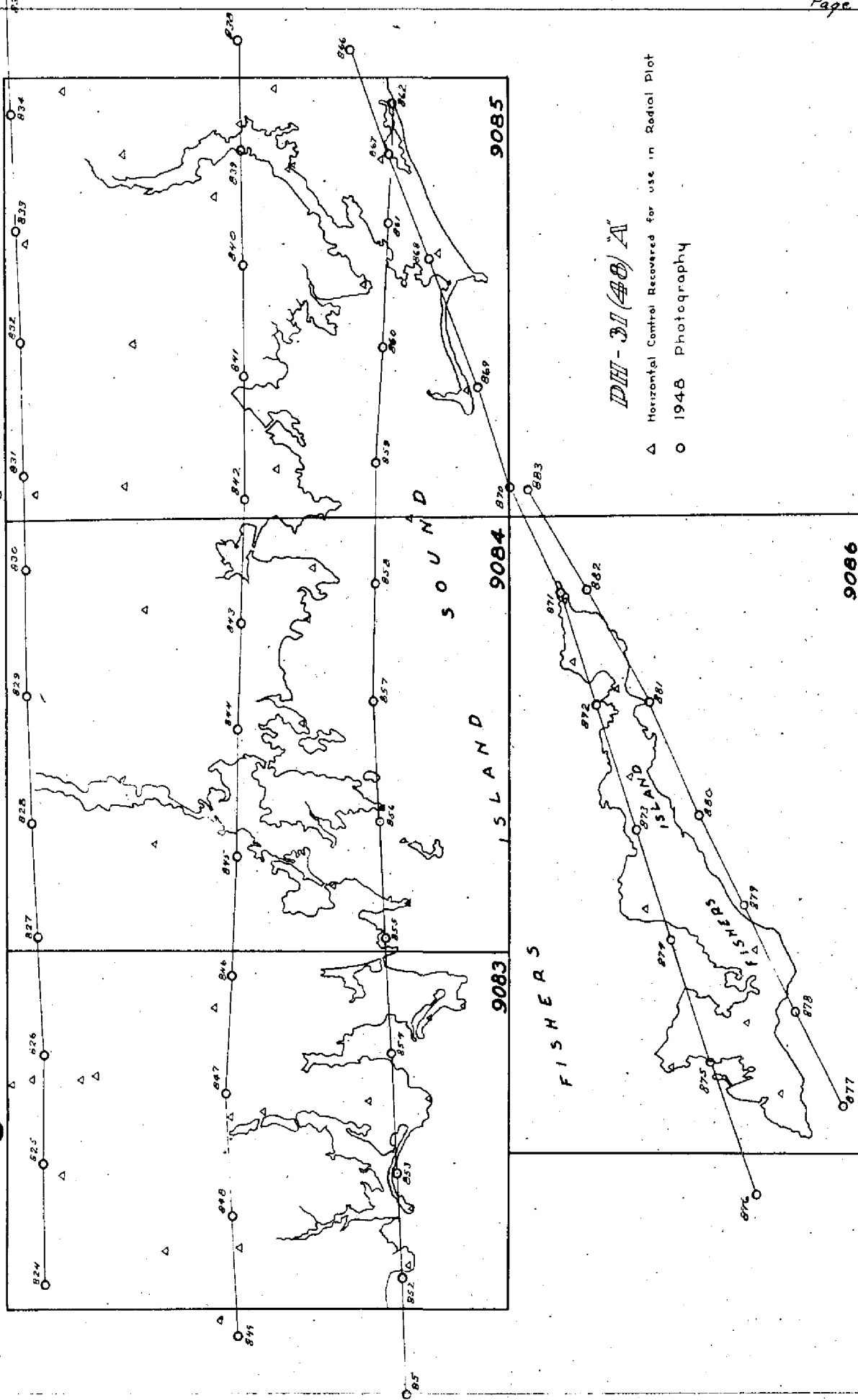
Recovered:

Identified: -

Number of Recoverable Photo Stations established (III): 1

Number of Temporary Photo Hydro Stations established (III): None

Remarks:



PH-31(48) A

△ Horizontal Control Recovered for use in Radial Plot
○ 1948 Photography

Summary Report to Accompany T-9084

T-9084 is one of four shoreline surveys in Project Ph-31(48) Subproject A in Connecticut in the vicinity of Noank, Mystic, and Stonington, Conn. and Fishers Island Sound. The area covered by this survey (T-9084) includes the shoreline on the north shores of Fishers Island Sound from Morgan Point at Noank to Stonington, Conn., which includes Mystic Harbor, Mystic River to $41^{\circ}23'$, Mason Island, Andrews Island, Quiambog Cove, and Stonington Harbor.

There is adequate photographic coverage of the area and the compilation is complete in all details for a 200 - 300 meter strip along the shoreline from the MHWL. The manuscript is complete for roads, drainage, and landmark buildings in the interior. It is not complete for buildings and woodland cover back of the normal shoreline manuscript limits. A rather complete field inspection of the single lens photographs was accomplished for shoreline compilation, and except for offshore features is considered quite adequate.

T-9084 was compiled from single lens photographs ratio printed to 1:10,000 manuscript scale.

The several mapping operations were as follows:

- 1) Single lens photography and laboratory processing to 1:10,000 scale.
- 2) Field work included recovery and identification of horizontal control, clarification of photographic detail, geographic names investigation, and annotation of the field photographs.
- 3) Radial plot and graphic compilation. (Portland)
- 4) Final review and completion of the manuscript for nautical charting purposes.
- 5) Processing.

A film negative will be made, and a vinylite copy will be prepared with such drafting and stick up as is necessary for registration.

T-9084 will be processed at 1:10,000 scale and registered in the Bureau as a shoreline map. It will not be published.

Page 2.
Summary - T-9084

Data pertaining to this survey (T-9084) will be filed and may be obtained as follows:

1. Filed in the Division of Photogrammetry

- a) The map manuscript (acetate original) at 1:10,000 scale with final review corrections applied.
- b) Geographic Names Sheet
- c) Pricking cards (for identification of horizontal control).
- d) Forms 524 (topo station descriptions).
- e) Duplicate descriptive report.

2. Filed in the Bureau Archives:

- a) A cloth-backed lithographic print of T-9084 at 1:10,000 scale.
- b) Descriptive Report.

The above data (2) are to be permanently listed under one number (T-9084) when the shoreline map is registered.

FIELD INSPECTION REPORT
Map Manuscript T-9084
Project Ph-31(48)A

A combined field inspection report for map manuscripts T-9083 and T-9084 is included in the Descriptive Report for T-9083(1948) Project Ph-31(48)A.

PHOTOGRAMMETRIC PLOT REPORT
Map Manuscript No. T-9084
Project Ph-31(48)A

This map manuscript is part of a combined radial plot comprising sheets T-9083 to T-9086 (1948) inclusive. The photogrammetric plot report is included in the descriptive report for T-9083 (1948) Project Ph-31(48)A.

SCALE FACTOR

SCALE OF MAP 1:10,000

PROJECT NO. Ph-31 (48) A

MAP T-9084

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)	
CUNNINGHAM, 1934	G-3539 Page 76	N.A. 1927	41° 19' 46.918"				1447.4	(403.6)	
MORGAN POINT LIGHT HOUSE, 1874	Page 86	N.A. 1927	41° 18' 58.91 "				1817.4	(33.6)	
WAMPASSUC BARN		N.A. 1927	41° 20' 24.848"				553.8	(841.8)	
CUPOLA, 1934	Page 88	N.A. 1927	41° 55' 16.881"				766.6	(1084.4)	
✓ LORDS POINT, 1934	G-3539 Page 77	N.A. 1927	41° 19' 58.121"				392.5	(1002.6)	
ROSSIE VELVET CO.		N.A. 1927	41° 19' 58.121"				1793.0	(58.0)	
TALL STACK, 1934	Page 87	N.A. 1927	41° 55' 48.775"				1134.2	(261.0)	
✓ MONTAUK, 1934	Page 33	N.A. 1927	41° 21' 51.585"				1591.4	(259.6)	
GRANDALL RM # 1, 1934	Office *	N.A. 1927	41° 57' 46.518"				1081.2	(313.3)	
MYSTIC TANK	Comp.	N.A. 1927	41° 21' 36.440"				1124.2	(726.8)	
✓ STONINGTON, OUTER BREAKWATER LT., 1934	Page 78	N.A. 1927	41° 55' 43.172"				1003.5	(391.1)	
✓ MASON POINT, 1934	G-3539 Page 76	N.A. 1927	41° 20' 01.387"				42.8	(1808.2)	* Deleted from manuscript.
✓ STONINGTON, OUTER BREAKWATER LT., 1934	Page 84	N.A. 1927	41° 57' 07.885"				183.4	(1211.8)	
✓ COWN. GEOD. SUR. MON. STONINGTON - 2796,	Page 2	N.A. 1947	41° 21' 30.857"				951.9	(899.1)	
✓ MYSTIC, 1934	Page 33	N.A. 1927	41° 58' 40.965"				952.2	(442.4)	
		N.A. 1927	41° 19' 15.938"				491.7	(1359.3)	
		N.A. 1927	41° 58' 12.343"				287.1	(1108.4)	
		N.A. 1927	41° 18' 58.904"				1817.2	(33.8)	
		N.A. 1927	41° 54' 30.790"				716.2	(679.4)	
		N.A. 1927	41° 22' 59.844"				1846.2	(4.8)	Page North-east of map limits.
		N.A. 1927	41° 54' 07.756"				180.2	(1213.9)	
		N.A. 1927	41° 18' 54.055"				1667.5	(183.4)	9
		N.A. 1927	41° 58' 42.067"				978.5	(417.1)	

1 FT. = 3048006 METER

COMPUTED BY: G. Richter

DATE 6/6/49

CHECKED BY: J.C. LaJoye

DATE 6/9/49

M-2388-12

MAP T. 9084

PROJECT NO. Ph-31 (48) A

SCALE OF MAP 1:10,000

SCALE FACTOR

Page 8 of 4

STATION	SOURCE OF INFORMATION (INDEX)	DATUM	LATITUDE OR ψ -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)	FORWARD	(BACK)
✓ NOANK, 1934	G-3539 Page 76	N.A. 1927	41° 18' 58.403"				1801.7	(49.3)		
✓ GRAVES, RM #1 1934	Office Comp.	N.A. 1927	41° 59' 23.251"				540.8	(854.8)		
✓ STONINGTON BREAK- WATER LIGHT 1934		N.A. 1927	41° 19' 04.995"				154.1	(1696.9)	<i>Deleted from</i>	
✓ STONINGTON INNER BREAKWATER LIGHT		N.A. 1927	41° 59' 59.409"				1381.8	(13.8)	<i>manuscript</i>	
✓ PALMERS FLAGPOLE 1934	G-3539 Page 80	N.A. 1927	41° 19' 30.057"				927.3	(923.7)		
✓ FINDLAYS CHIMNEY 1934	Page 82	N.A. 1927	41° 54' 49.070"				1141.2	(254.2)		
✓ MYSTIC FLAGPOLE 1934	Page 88	N.A. 1927	41° 19' 49.705"				1533.4	(317.6)		
✓ ROSSIE VELVET CO. SHORT STACK, 1934	Page 88	N.A. 1927	41° 54' 35.789"				832.3	(563.0)		
✓ WAMPASSUC, 1934	Page 86	N.A. 1927	41° 21' 39.08 "				1205.6	(645.4)		
✓ LAMBERT, 1934	Page 82	N.A. 1927	41° 55' 44.46 "				1033.4	(361.2)		
✓ SADDONIA TOWER 1934	Page 87	N.A. 1927	41° 20' 59.017"				1820.7	(30.3)		
✓ PACKERS TAR SOAP STACK, 1934	Page 87	N.A. 1927	41° 55' 36.942"				858.8	(536.0)		
		N.A. 1927	41° 21' 16.465"				507.9	(1343.1)		
		N.A. 1927	41° 58' 05.251"				122.1	(1272.6)		
		N.A. 1927	41° 21' 51.482"				1588.2	(262.8)		
		N.A. 1927	41° 57' 47.556"				1105.3	(289.2)		
		N.A. 1927	41° 19' 52.102"				1607.3	(243.7)		
		N.A. 1927	41° 55' 11.203"				260.5	(1134.8)		
		N.A. 1927	41° 20' 28.871"				890.7	(960.3)		
		N.A. 1927	41° 54' 40.943"				951.9	(443.1)		
		N.A. 1927	41° 20' 47.559"				1467.2	(383.8)		
		N.A. 1927	41° 57' 29.607"				688.3	(706.6)		
		N.A. 1927	41° 21' 02.374"				73.2	(1777.8)		
		N.A. 1927	41° 57' 44.385"				1031.8	(363.0)		

1 FT. = 3048006 METER

COMPUTED BY: J.C. LeJoye

DATE 6/6/49

CHECKED BY: G. Richter

DATE 6/7/49

M-2388-12

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MAP T 9084

PROJECT NO. Ph-21(48)A

SCALE OF MAP 1:10,000

SCA 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)	
✓ PINE POINT, 1934	Page 78	N.A. 1927	41° 20' 28.300"				873.1	(977.9)	
			71° 58' 21.952"				510.4	(884.6)	
✓ HILL, 1934	Page 77	N.A. 1927	41° 20' 25.388"				783.2	(1067.8)	
			71° 58' 46.001"				1069.5	(325.5)	
WATROUS, 1934	Page 78	N.A. 1927	41° 21' 00.000"				0.0	(1851.0)	
			71° 58' 22.539"				524.0	(870.8)	
WILCOX LOOKOUT		N.A. 1927	41° 20' 21.260"				655.9	(1195.1)	
TOWER, 1934 ✓	Page 87	N.A. 1927	71° 56' 35.948"				835.8	(559.2)	
QUAMBAUG, 1934 ✓	Page 77	N.A. 1927	41° 20' 18.521"				571.4	(1279.6)	
			71° 56' 23.178"				538.9	(856.2)	
CLAM POINT, 1934 ✓	Page 76	N.A. 1927	41° 19' 58.624"				1808.6	(42.4)	
			71° 58' 26.156"				608.2	(787.0)	
BAPTIST HILL, 1934 ✓	Page 33	N.A. 1927	41° 21' 07.886"				243.3	(1607.7)	
			71° 58' 56.925"				1323.3	(71.5)	
ENDERS CUPOLA ✓	Page 87	N.A. 1927	41° 19' 18.747"				578.3	(1272.7)	
			71° 57' 48.440"				1126.6	(268.9)	
ALLEN'S CHIMNEY ✓	Page 86	N.A. 1927	41° 20' 12.012"				370.6	(1480.4)	
			71° 57' 53.720"				1249.1	(146.0)	
NOANK LIGHT, 1934 ✓	Page 76	N.A. 1927	41° 18' 58.358"				1800.3	(50.7)	
			71° 59' 15.610"				363.1	(1032.5)	Page
DODGE, 1934 ✓	Page 77	N.A. 1927	41° 19' 39.460"				1217.3	(633.7)	11
			71° 57' 20.366"				473.6	(921.7)	
KNAPPS CUPOLA ✓	Page 86	N.A. 1927	41° 19' 21.275"				656.3	(1194.7)	
			71° 59' 21.744"				505.7	(889.8)	

✓ 1 FT. = 3048006 METER

COMPUTED BY: J. C. Lajoie

DATE 6/6/49

CHECKED BY: G. Richter

DATE 6/7/49

M-2388-12

COMPILATION REPORT
Map Manuscript No. T-9084
Project Ph-31(48)A

31: DELINEATION:

The compilation was accomplished entirely by graphic methods.

There were no unusual methods used for the compilation work. The field inspection was satisfactory.

For the areas of this map manuscript which fall within the detail limits of nautical charts No'd. 358 and 359, all planimetric details, except buildings, have been completely delineated.

For the areas of this map manuscript falling outside the detail limits of these nautical charts, only arterial highways, railroads, drainage, and landmark buildings have been delineated.

All buildings falling within an area approximately 300 meters back from the shoreline of this map manuscript have been delineated. Outside of this area only landmark buildings have been delineated.

32: CONTROL:

The horizontal control stations were well identified and the placement and density were satisfactory.

Refer to Side Heading 23: "Adequacy of Control" of the Photogrammetric Plot Report for additional facts.

33: SUPPLEMENTAL DATA:

Data used to supplement the photographs are as follows:

"Cable Routings around Fishers Island and Mainland",
Black and White Print, Scale 1" = 7000 yds. approx.

34: CONTOURS AND DRAINAGE:

The stereoscope was used to verify the drainage delineated by the field inspection party. Drainage not indicated by field inspection was delineated by office examination of the photographs and by comparison with the "Mystic, Conn.-N.Y.-R.I." 7 1/2 minute quadrangle.

Contours are not applicable.

35: SHORELINE AND ALONGSHORE DETAILS:

The mean high-water line and alongshore details were adequately field inspected and have been delineated as indicated on the field photographs.

The field party delineated apparent low-water lines in several places. These have been shown as indicated on the field photographs.

In some places approximate shoal lines were delineated by office inspection of the photographs.

The field party identified numerous bare rocks extending above the plane of mean high-water and rocks awash that fall along the shoreline. These were delineated as indicated and referenced to the proper water plane.

Other apparent rock areas falling along the shoreline were indicated by the field inspection party as "rocks" and not referenced to any water plane. The more prominent outer rocks in these areas have been radially plotted and the rock awash symbol has been selected to indicate these particular rocks since the compiler could not determine by office examination if they were awash or bare. The areas have been outlined with a dashed line and noted as foul areas.

36: OFFSHORE DETAILS:

Several offshore rock islands that bare above mean high-water have been shown as indicated on the field photographs.

The several offshore sunken rocks and reefs showing on nautical chart #358 were not delineated by field inspection and their location could not be determined by office examination of the photographs.

37: LANDMARKS AND AIDS:

Forms 567 are being submitted with this descriptive report for the area of Project Ph-31(48)A.

38: CONTROL FOR FUTURE SURVEYS:

Form 524 is submitted for SPIRE, 1948 (Congregational Church in Mystic).

There are no photo-hydro stations.

39: JUNCTIONS:

Complete and satisfactory junctions have been made with adjoining map manuscripts.

40: HORIZONTAL ACCURACY:

There are no areas of this map manuscript that are believed to be of sub-normal horizontal accuracy.

46: COMPARISON WITH EXISTING MAPS:

A visual comparison was made with the U.S.G.S. MYSTIC, Conn.-N.Y.-R.I. 7 1/2 min. quadrangle, Scale: 1:31680 edition of 1944.

47: COMPARISON WITH NAUTICAL CHARTS:

Comparison was made with Nautical Chart No. 358, Scale: 1:20,000 last printed 4/19/48, hand corrected 12/13/48.

In general the agreement is very good except for the shoreline along the waterfront at Mystic, Conn. where recent developments have ~~apparently~~ made changes of importance to charting.

There are many offshore covered rocks and reefs shown on the chart which could not be determined from the photographs.

Comparison was also made with Chart No. 1211, Scale 1:80,000, last printed 11/1/48, hand corrected 12/23/48.

Approved:

Charles W. Clark
Charles W. Clark
Chief of Party

Respectfully submitted:

J. Edward Deal Jr.
J. Edward Deal, Jr.
Cartographer

sm

PHOTOGRAMMETRIC OFFICE REVIEW

T-9084

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

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. Rev. H. Brown _____

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:

DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY

9084

NONFLOATING AIDS OR LANDMARKS FOR CHARTS

TO BE CHARTED
~~TO BE EXCLUDED~~

STRIKE OUT ONE

Fishers Island Sound

1 October, 1948

I recommend that the following objects which have ~~(transferred)~~ been inspected from seaward to determine their value as landmarks be charted on ~~selected~~ the charts indicated.

The positions given have been checked after listing by J. E. Deal

These aids were submitted in Letter No. 141 (1950) RJP, 5-15-50

s/ Charles W. Clark Chief of Party.

Connecticut - New York				POSITION						METHOD OF LOCATION AND SURVEY No.	DATE OF LOCATION	HARBOR CHART	INSHORE CHART	OFFSHORE CHART	CHARTS AFFECTED
STATE	CHARTING NAME	DESCRIPTION	SIGNAL NAME	LATITUDE		LONGITUDE		DATUM							
				°	'	D. M. METERS	°		'						
Fl. G	Noank Light			41	18	1685	72	03	1180	NA 1927	Radial Plot	X	X		359, 1211
	Light just E. of Morgan Pt.			41	18	1685	72	03	1180	NA 1927	Radial Plot	X	X		359, 1211
Bn.	Whale Rock Daybeacon			41	18	1487	71	59	537	"	Sextant Fix	X	X		358, 1211
	Red Daybeacon S. of Morgan Pt.			41	18	1487	71	59	537	"	Sextant Fix	X	X		358, 1211
Fl. W.	Stonington Outer Breakwater Lt.			41	18	1817.2	71	54	716.2	"	Triang.	X	X		358
	Lt. about 75 ft. in from end of breakwater.			41	18	1817.2	71	54	716.2	"	Triang.	X	X		1211
Fl. G	Stonington Breakwater Light. Lt. on E. end of West Breakwater			41	19	927.3	71	54	1141.2	"	Triang.	X	X		358
	Stonington Inner Breakwater Lt.			41	19	927.3	71	54	1141.2	"	Triang.	X	X		1211
Fl. R	Lt. on W end of Atwood Breakwater			41	19	1533.4	71	54	832.3	"	Triang.	X	X		358
	Latimer Reef Lighthouse			41	19	1533.4	71	54	832.3	"	Triang.	X	X		1211
Fl. W.	N. of E. end of Fishers Island			41	18	489.6	71	56	39.2	"	Triang.	X	X		358
	Morgan Point Daybeacon			41	18	489.6	71	56	39.2	"	Triang.	X	X		1211
*	Tower on abandoned Lighthouse			41	18	1817.4	71	59	553.8	"	Triang.	X	X		358, 1211

Page 17

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

Fishers Island Sound 1 October 1948

The positions given have been checked after listing by J. E. Deal

s/ Charles W. Clark *Chief of Party.*

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<p>This form shall be prepared in accordance with Hydrographic Manual, pages 800 to 804. Positions of charted landmarks and <i>nonfloating</i></p>	<p>Positions of charted landmarks and <i>nonfloating</i></p>
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24 April 1950

MEMORANDUM FOR: DIRECTOR, U. S. COAST AND GEODETIC SURVEY, DEPARTMENT
OF COMMERCE

ATTN: Administrative Planning Section

SUBJECT: Classification Clearance

1. Reference is made to your memorandum, file No. 734-cb, dated 24 February 1950, forwarding maps Nos. T-9083, T-9084, T-9085, and T-9086, for security clearance.

2. The above listed maps are returned herewith. There is no objection to their publication as unclassified.

FOR THE ASSISTANT CHIEF OF STAFF, G-2:

4 Incls

1. Map No. T-9083
2. Map No. T-9084
3. Map No. T-9085
4. Map No. T-9086

ERNEST A. BARLOW

Colonel, GSC

Chief, Security & Training Division

GEOGRAPHIC NAMES

Survey No. T-9084

GEOGRAPHIC NAMES												20
Survey No. T-9084												
Name on Survey		On Chart No.	On previous survey No.	On U. S. quadrangle Maps	From local information	On local Maps	P. O. Guide or Map	Rand McNally Atlas	U. S. Light List			
A	B	C	D	E	F	G	H	K				
• Wamphassuc Neck ✓	•										1	
• Wamphassuc Pt. ✓	•										2	
• West Cove ✓	•										3	
• West Mystic ✓	•										4	
• Whaleback Rock ✓	•										5	
• Whale Rock ✓	•										6	
• White Rock ✓	•										7	
• Wilcox Cove ✓	•										8	
• West Breakwater ✓	•										9	
• East Breakwater ✓	•										10	
• Stonington ✓	•										11	
• Whitehall Burial Ground ✓	•										12	
• Hewitt Farm Road ✓	•										13	
• Quiamabaug Village ✓	•										14	
• Clam Pt. ✓	•										15	
• Collins Cove ✓	•										16	
• Flanders Road ✓	•										17	
• Manor Inn Pond ✓	•										18	
• Montauk Avenue ✓	•										19	
• US Route No. 1A • (US No. 1 Alt.)	•										20	
• Willow Pt. ✓	•										21	
• Broadway Grammar School ✓	•										22	
• Burrows Street ✓	•										23	
• Church Street ✓	•										24	
• Clift Street ✓	•										25	
• East Main Street ✓	•										26	
• High Street ✓	•										27	

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GEOGRAPHIC NAMES

Survey No. T-9084

GEOGRAPHIC NAMES										
Survey No. T-9084										
Name on Survey	On Chart No.	On previous survey. No.	On U. S. Quadrangle Maps	From local information	On local Maps	P. O. Guide or Map	Rand McNally Atlas	U. S. Light List		
	A	B	C	D	E	F	G	H	K	
Mistuxet Avenue ✓										1
Mystic Academy Grammar School ✓										2
Noank Road ✓ (Conn. State Hwy No. 215)										3
School Street ✓										4
Starr Street ✓										5
Washington Street ✓										6
West Main Street ✓										7
West Mystic Grammar School ✓										8
Willow Street ✓										9
Noank Grammar School ✓										10
Pearl Street ✓										11
Abigal Island ✓										12
Old North Road ✓										13
Noyes Avenue ✓ (Lord's Pt.)										14
Boulder Avenue ✓										15
Williams Beach ✓										16
Ridingway Bridge ✓										17
Thomas Hardy Inn ✓										18
Edgemere Manor ✓										19
Miners Cove ✓										20
Sea Brook Inn ✓										21
Greenmanville Avenue ✓ (Conn. State Hwy No. 169)										22
Swimming Rock ✓										23
Cormorant Reef ✓										24
Ellis Reef ✓										25
Eel Grass Ground ✓										26
Latimer Reef ✓										27

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GEOGRAPHIC NAMES

Survey No. T-9084

GEOGRAPHIC NAMES		Survey No. T-9084									
Name on Survey	<div>On Chart No. On previous survey No. On U. S. quadrangle Maps From local information On local Maps P. O. Guide or Map Rand McNally Atlas U. S. Light List</div>										22
	A	B	C	D	E	F	G	H	K		
Atwood Breakwater ✓	.										1
Andrews Island .	.										2
Baker Island .	.										3
Babee Cove ✓	.										4
Babee Pond .	.										5
Bindloss Brook .	.										6
Copps Brook ✓	.										7
Dodges Island .	.										8
Eccleston Brook ✓	.										9
Elm Grove Cemetery ✓	.										10
Fish Cemetery ✓	.										11
Fishtown Cemetery ✓	.										12
Fishers Island Sound ✓	.										13
Gates Island ✓	.										14
Harvey Road ✓	.										15
Latimer Point ✓	.										16
Lords Point ✓	(Village)	.									17
Lords Pt. ✓	(Point)	.									18
Lyddy Island ✓	.										19
McQuire Brook ✓	.										20
Mason Island ✓	.										21
Mason Point ✓	.										22
Miner Cemetery ✓	.										23
Mouse Island ✓	.										24
Morgan Point ✓	.										25
Murphy Point ✓	.										26
Mystic ✓	.										27

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GEOGRAPHIC NAMES

Survey No. T-9084

GEOGRAPHIC NAMES		Survey No. T-9084		On Chart No.		On previous survey No.		On U. S. quadrangle Maps		From local information		On local Maps		P. O. Guide or Map		Rand McNally Atlas		U. S. Light List		23	
Name on Survey		A	B	C	D	E	F	G	H	K											
o	Mystic Harbor ✓																			1	
o	Mystic River ✓																			2	
o	Mystic Reservoir ✓																			3	
o	Mystic Oral School ✓																			4	
o	New York, New Haven & Hartford R.R.,																			5	
o	Noank ✓																			6	
o	Packer Cemetery ✓																			7	
o	Penny Island																			8	
o	Pequot Hill ✓																			9	
o	Pequot Trail																			10	
o	Pequotsepos Brook ✓																			11	
o	Pine Point																			12	
o	Quambaug Church ✓																			13	
o	Quana duck Cove																			14	
o	Ram Island																			15	
o	Ram Point																			16	
o	Road Church ✓																			17	
o	Rock Island																			18	
o	St. Marys Cemetery ✓																			19	
o	Seal Rocks ✓																			20	
o	Quiambog Cove ✓																			21	
o	Sixpenny Island ✓																			22	
o	Spence Point ✓																			23	
o	Stonington Harbor ✓																			24	
o	Stony Brook ✓																			25	
o	Sylvias Pond ✓																			26	
o	US Highway No. 1 ✓ (Boston Post Road)																			27	

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GEOGRAPHIC NAMES

Survey No. T-9084

GEOGRAPHIC NAMES												
Survey No. T-9084												
Name on Survey												24
	On Chart No.	On previous survey No.	On U. S. quadrangle Maps	From local information	On local Maps	P. O. Guide or Map	Rand McNally Atlas	U. S. Light List				
A	B	C	D	E	F	G	H	K				
°Tumble Down Dick ✓	•										1	
°Twin Brothers ✓	•										2	
°Wadawonuck Yacht Club ✓	•										3	
°The Island ✓	•										4	
°Ram Island Yacht Club ✓	•										5	
°Skippers Dock ✓	•										6	
°Denisons Burial Ground ✓	•										7	
°Connecticut ✓	•										8	
°New York ✓	•										9	
											10	
											11	
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											28	

Names preceded by •
are approved, 5/1/50
L. Hock

M 234

Names preceded by •

are approved, 5/1/50

L. Hock

Review Report T-9084
Shoreline Map
2 June 1950

61. General Statement: Field inspection and office compilation of this sheet was done in accordance with instructions for shoreline surveys. In addition, roads and drainage have been compiled inland from the normal 200 to 300 meter shoreline limits.

62. Comparison with Registered Topographic Surveys?

65	1:10,000	1838
88	"	1839-'55
89	"	1839
1734	"	1882-'83

This survey supersedes the above listed surveys for nautical charting purposes.

63. Comparison with Maps of Other Agencies.-

Mystic, Conn. N.Y., R. I.	USGS 1:31,680 1944 Edition
Old Mystic, Conn.	USGS 1:31,680 1943 Edition

T-9084 supersedes these quadrangles for nautical charting purposes except for the limitations mentioned in 61.

64. Comparison with Contemporary Hydrographic Surveys.- None

65. Comparison with Nautical Charts.-

358	1:20,000	49 - 10/10
359	1:20,000	49 - 2/7
1211	1:80,000	49 - 7/25

This survey is generally complete for features above the MHWL. Field inspection did not encompass the various offshore rocks and such features as could not be readily identified on the low water photographs. These features, notably Planet Rock, Ram Island Shoal, Ram Island Reef, Ellis Reef, Noyes Shoal, Red Reef, Noyes Rock, Penguin Shoal, and sundry sunken rocks should be investigated by the hydrographic party.

The pipeline area near West Cove west of Noank is non-existent according to field inspection information.

The group of piling just south of the Stonington West Breakwater is the remains of an old fish trap. No reference to datum was given, and apparently the trap is abandoned.

The floating aid to navigation south of Ram Island was located with 2 cuts only. It appears to be quite a large structure and was identified by field inspection. However,

no feature is charted for this position and it should be further investigated.

The channel limits for Mystic Harbor and Mystic River show quite distinctly on the photographs.

Ridingway Bridge has a vertical clearance of 4 feet rather than the $3\frac{1}{2}$ charted.

The RR bridge at Mystic has 66 and 67 feet H. C. instead of the 63 feet charted.

The highway bridge at Mystic has 4 feet V. C. rather than the $4\frac{1}{2}$ feet charted.

The RR bridge at Stonington Harbor has 57 feet H. C. and 3 feet V. C. rather than the 56 and 5 feet charted for the west bridge, and 68 feet H. C. and 3 feet V. C. rather than the 67 and 5 feet charted for the east bridge.

No disposition was made of the wreck on the western shore of Stonington Harbor.

Positions are listed on Form 567 for the fixed aids to navigation and landmarks.

The shoreline is generally rocky throughout, and the rock awash symbol has been used profusely in the FOUL areas to indicate the more prominent rocks.

66. Adequacy of Results and Future Surveys.-No field edit was made of this manuscript.

The map complies with the instructions set forth for this survey, and with Bureau policy, and complies with the National Standards of Accuracy.

Reviewed by:

Roscoe J. French
Roscoe J. French

APPROVED

J. V. Griffith
Chief, Review Section E.H.M.
Div. of Photogrammetry

H. B. Edmonston
Chief, Nautical Chart Branch
Division of Charts

O. S. Reading
Chief, Div. of Photogrammetry

W. M. Seafair
Chief, Div. of Coastal Surveys
S.H.

NAUTICAL CHARTS BRANCH

SURVEY NO. *T. 9084*

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.