

9086

Diag. Cht. No. 1211-2

Form 504

U. S. COAST AND GEODETIC SURVEY

DEPARTMENT OF COMMERCE

DESCRIPTIVE REPORT

Type of Survey PLANIMETRIC-PHOTOGRAMMETRIC

Field No. PH-31(48)A Office No. T-9086

LOCALITY

State NEW YORK

General locality BLOCK ISLAND SOUND

Locality FISHERS ISLAND

194 8

CHIEF OF PARTY

R. J. Sipe, Chief of Party

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

LIBRARY & ARCHIVES

DATE

Oct 18 - 1951

B-1870-1 (1)

9086

DATA RECORD

T - 9086

Project No. (II): Ph-31(48)A Quadrangle Name (IV): Fishers Island

Field Office (II):

Chief of Party: Riley J. Sipe

Photogrammetric Office (III): Portland, Oregon
9 April 1948 (Field)

Officer-in-Charge: Charles W. Clark

Instructions dated (II) (III): 9 February 1949 (Office)

Copy filed in Division of
Photogrammetry (IV)

*Review Section
Office Files*

Method of Compilation (III): Graphic

Manuscript Scale (III): 1:10,000

Stereoscopic Plotting Instrument Scale (III):

Scale Factor (III): None

Date received in Washington Office (IV): 2-20-50 Date reported to Nautical Chart Branch (IV): 2-24-50

Applied to Chart No. 359 Date: 5-23-51 Date registered (IV): 9-20-51

Publication Scale (IV): — 1:10,000

Publication date (IV): June 1951

Geographic Datum (III): N.A. 1927

Vertical Datum (III): Mean High Water
~~Mean Sea Level~~

~~Mean sea level except as follows:~~

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): WINTHROP 1934

Lat.: 41° 17' 21.568" 665.4 m Long.: 71° 56' 20.569" 478.6 m Adjusted X
(1185.6 m) (917.6m) Unadjusted

Plane Coordinates (IV):

State:

Zone:

Y=

New York
X=

Long 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.

DATA RECORD

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

Date: 9-4-48 to 10-1-48

Planetable contouring by (II): _____

Date:

Completion Surveys by (II): _____

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):

Date:

Control plotted by (III): Frank H. Elrod

Date: 6-23-49

Control checked by (III): John C. Lajoie

Date: 6-30-49

Radial Plot or Stereoscopic Frank H. Elrod and Roy A. Davidson
Control extension by (III):

Date: 7-11-49

Planimetry
Stereoscopic Instrument compilation (III):
Contours

Date:

Date:

Manuscript delineated by (III): Roy A. Davidson

Date: 8-19-49

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

Date: 9-19-49

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

Date:

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

PHOTOGRAPHS (III)

Number	Date	Time	Scale	Stage of Tide
48 J - 870 to 883 incl.	5/2/48	13:35	1:10,000	1.0 ft. above M.L.W.

Tide (III)

Reference Station: New London, Conn.
Subordinate Station: Fishers Island, West Harbor
Subordinate Station: _____

Ratio of Ranges	Mean Range	Spring Range
	2.5	3.0

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

Date: 7-18-50

Final Drafting by (IV): Bottley, Berry, Lucas

Date: 5-25-51

Drafting verified for reproduction by (IV): Kopic

Date: 5-28-51

Proof Edit by (IV): L. Martin Gazik

Date: 8-6-51

Land Area (Sq. Statute Miles) (III): 4.8

Shoreline (More than 200 meters to opposite shore) (III): 18.2 Statute Miles

Shoreline (Less than 200 meters to opposite shore) (III): 1.3 Statute Miles

Control Leveling - Miles (II):

Number of Triangulation Stations searched for (II): 21

Recovered: 18

Identified: 10

Number of BMs searched for (II):

Recovered:

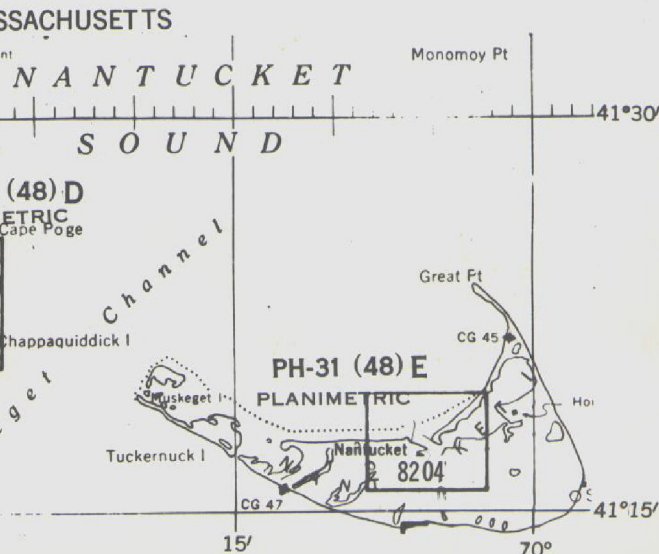
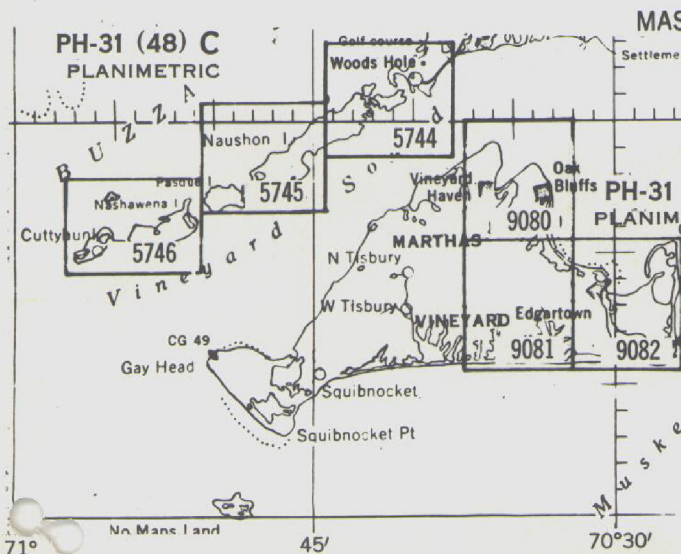
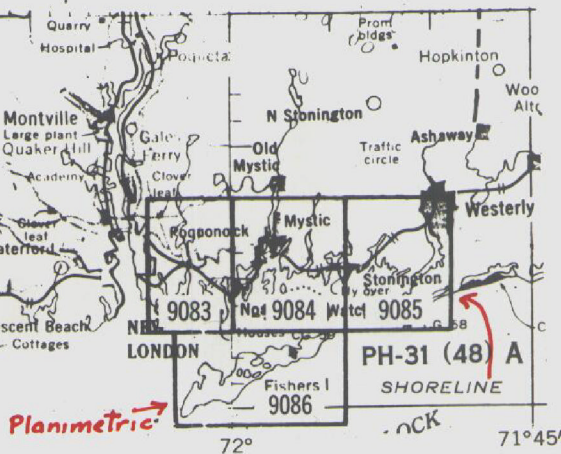
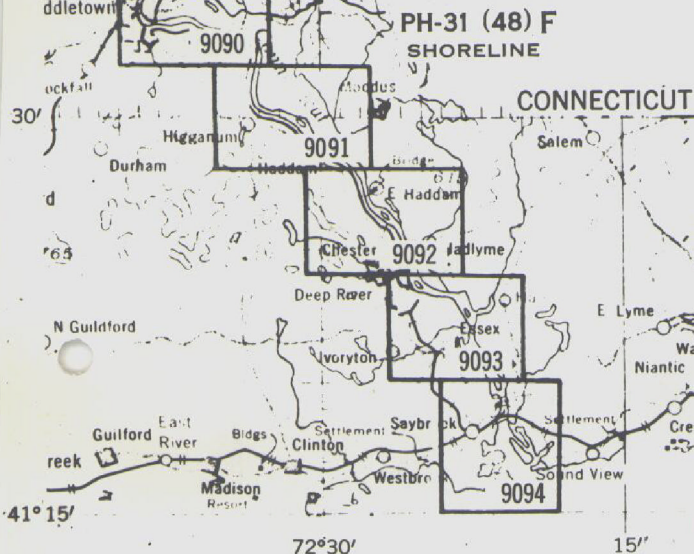
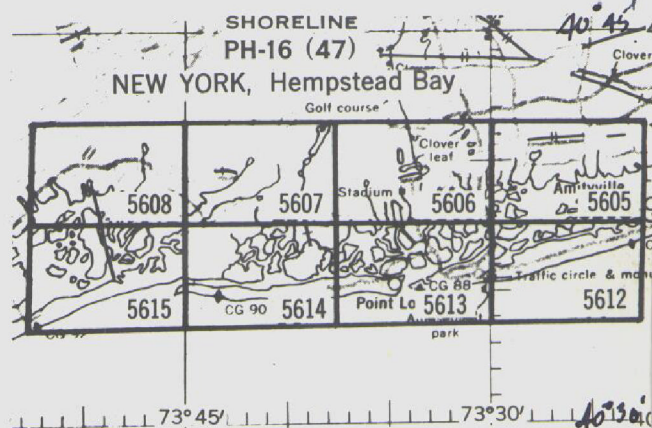
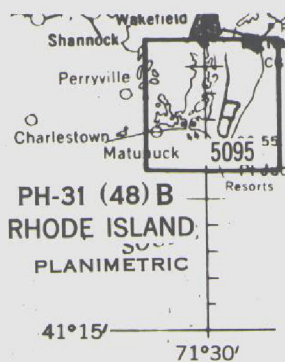
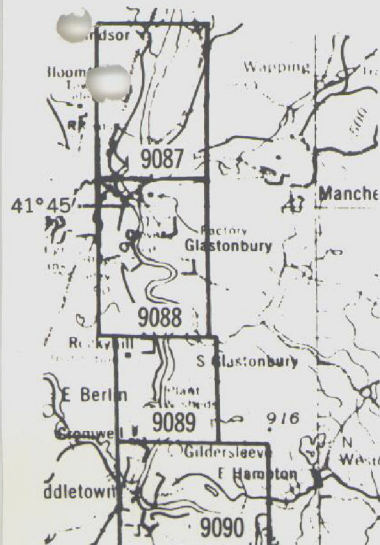
Identified:

Number of Recoverable Photo Stations established (III): 1

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

Remarks:

5
PLANIMETRIC AND SHORELINE MAPPING PROJECTS PH-16(47) - PH-31(48)
A-B-C-D-E-



6

Summary to Accompany
T-9086

T-9086 is the only planimetric map in Project Ph-31(48) subproject A. It includes all of Fishers Island, New York and smaller features near it. It is complete in all planimetric detail and field inspection of shoreline and interior detail is considered adequate.

The photographic coverage is adequate except in the extreme NW portion of the survey. Seaflower Reef and the Lighthouse there could not be located. No precise geographic position is available for this feature.

The survey completely fulfills the obligation for a planimetric map except for the above data and should be used for subsequent nautical chart construction.

T-9086 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 at 1:10,000 scale.

2. Field work included recovery and identification of horizontal control, clarification of photographic detail, geographic names investigation, and annotations 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:

The detail will be redrafted at 1:10,000 scale and a lithographic black and white copy will be filed in the Bureau Archives when the sheet is registered.

Data pertaining to this survey T-9086 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 2)
- e) Duplicate descriptive report.

2. Filed in the Bureau Archives.

- a) A cloth-backed lithographic print of T-9086
at 1:10,000 scale.
- b) Descriptive report.

The above data are to be permanently registered
under one number (T-9086) when the planimetric map is
published.

FIELD INSPECTION REPORT
Map Manuscript No. T-9086
Project Ph-31(48)A

A combined field inspection report for map manuscripts T-9085 and T-9086 is included in the Descriptive Report for T-9085(1948) Project Ph-31(48)A.

MAP 9086

PROJECT NO. Ph-31 (48)A

SCALE OF MAP 1:10,000

SCALE FACTOR

STATION	SOURCE OF INFORMATION (INDEX)	DATUM	LATITUDE OR LONGITUDE OR 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)	
WINTHROP, 1934	Page 80	N.A.	41° 17' 21.568"				665.4	(1185.6)	
	G-3539	1927	71° 56' 20.569"				478.6	(917.6)	
NORTH HILL, 1934	G-4681	N.A.	41° 16' 22.340"				689.2	(1161.8)	
		1927	72° 01' 26.971"				627.8	(768.7)	
EAST POINT, 1934	Page 80	N.A.	41° 17' 26.512"				817.9	(1033.1)	
	G-3539	1927	71° 55' 34.553"				804.0	(592.1)	
CHOCOMOUNTAIN, 1934	G-4681	N.A.	41° 16' 47.521"				1234.6	(616.3)	
	Comp. 1927	1927	71° 57' 48.311"				1124.4	(272.1)	
CLAY POINT, R.M.2 1934	Office	N.A.	41° 16' 37.816"				1166.6	(684.4)	Used incidental
	Comp.	1927	71° 59' 25.688"				597.8	(798.6)	to radial plot
BROOKS POINT, 1934	Page 80	N.A.	41° 17' 00.699"				21.6	(1829.4)	
	G-3539	1927	71° 58' 01.077"				25.1	(1371.2)	
FORT WRIGHT, 1934	Page 85	N.A.	41° 15' 19.463"				600.4	(1250.5)	
	G-3539	1927	72° 01' 47.023"				1094.8	(302.1)	
FISHERS ISLAND COAST GUARD CUPOLA, 1934	Page 92	N.A.	41° 16' 58.787"				1813.5	(37.4)	
	G-3539	1927	71° 56' 41.048"				955.3	(441.0)	
EPISCOPAL CHURCH TOWER, 1934	Page 91	N.A.	41° 15' 38.347"				1183.0	(668.0)	
	G-3539	1927	72° 00' 53.652"				1249.0	(147.8)	
CAMP TABOR BARN CUPOLA, 1934	Page 92	N.A.	41° 15' 34.130"				1052.9	(798.1)	
	G-3539	1927	72° 00' 02.338"				54.4	(1342.4)	
HAY HARBOR, 1934	Page 79	N.A.	41° 15' 46.267"				1427.3	(423.6)	
	G-3539	1927	72° 01' 46.711"				1087.3	(309.4)	
EAST END 2, 1918	Page 80	N.A.	41° 17' 05.908"				182.3	(1668.7)	
	G-3539	1927	71° 56' 03.260"				75.9	(1320.4)	

1 FT. = 3048006 METERS

COMPUTED BY: J.C. LaJoye

DATE 6/1/49

CHECKED BY: G. Richter

DATE 6/2/49

M. 2388.12

SCALE FACTOR

FACTOR DISTANCE FROM GRID OR PROJECTION LINE IN METERS		FORWARD	(BACK)
1	2	3	4
5	6	7	8
9	10	11	12
13	14	15	16
17	18	19	20
21	22	23	24
25	26	27	28
29	30	31	32
33	34	35	36
37	38	39	40
41	42	43	44
45	46	47	48
49	50	51	52
53	54	55	56
57	58	59	60
61	62	63	64
65	66	67	68
69	70	71	72
73	74	75	76
77	78	79	80
81	82	83	84
85	86	87	88
89	90	91	92
93	94	95	96
97	98	99	100

491.5 (1359.5)

257.9 (1138.3)

115.3 (735.7)

197.2 (199.9)

394.9 (1456.1)

848.9 (547.7)

950.0 (900.9)

653.7 (742.3)

190.6 (360.2)

212.3 (184.0)

815.3 / (1035.6)

309.5 ✓ (87 3)

77.9 (1773.0)

472.5 (923.8)

1

1000000

10

DATE 6/2/49

M-2388-12

MAP T- 9086

PROJECT NO. Ph-31 48 A.

SCALE OF MAP 1:10,000

SCALE FACTOR: None

[illegible]

COMPILATION REPORT
Map Manuscript No. T-9086
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.

All planimetric details have been completely delineated for the entire area of the map manuscript.

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.

A copy of a letter to The Director dated, 3 January 1950, Subject: "Description of triangulation stations FISHERS ISLAND CLUB HOUSE CHIMNEY, 1934 and SIMMON'S CHIMNEY, 1934" is included with this descriptive report.

Refer to letter 731-aal from The Director, dated 23 September 1949 for facts relative to Seaflower Reef Light which was listed by the field party on Form 567 as having a position established by triangulation methods.

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 field inspection party did not delineate any drainage on Fishers Island and none is shown on the U.S.G.S. 7 1/2 min. quadrangles of the area.

From office examination of the photographs, with the aid of the stereoscope, some short lengths of positive drainage were determined and shown on the map manuscript.

page 12

Drainage from the hills on the island could not be definitely determined, in the office, since the numerous draws cannot be followed from their source to the sea.

Contours are not applicable.

35: SHORELINE AND ALONGSHORE DETAILS:

The mean high-water line and apparent shoreline were entirely delineated on the field photographs by a continuous dashed line in red ink. This delineation was refined in the compilation office by examination of the office photographs with the aid of the stereoscope.

It is believed that the field inspection of the shoreline can be termed satisfactory although it is apparent that methods outlined in Supplemental Instructions - "Shoreline Inspection" dated, March 18, 1944 and in the Topographic Manual, Part II, Chapter V (5421) Page 30, were not followed.

At no place was a measurement given from some other easily seen line or planimetric feature. Also no measurements were given from triangulation and topographic stations and the continuous dashed red ink line was in general sketched and practically covered the faint line that is apparently the mean high-water line.

The above statements are also true of all field inspection of the shoreline in Project Ph-31(48)A. In the descriptive reports for other map manuscripts in the area the shoreline inspection has been termed satisfactory because it is believed that the methods used did not interfere with a satisfactory delineation of the mean high-water line in the compilation office.

Alongshore details were adequately delineated by field inspection.

There were no low-water lines or shoal areas delineated by field inspection, within the limits of this map manuscript, and no attempt was made to determine these features by office examination of the photographs. Foreshore areas visible on the photographs have been shown with the proper symbols.

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.

Foul areas have been delineated as indicated by field inspection and the more prominent rocks in these areas have been ^{located by} radially plotted. The rock awash symbol has been ^{used} selected to indicate these particular rocks ^{because} since the compiler could not determine if they were awash or bare.

36: OFFSHORE DETAILS:

There are several rocks awash and small rock islands off the north shore of Fishers Island and these have been shown as delineated by field inspection.

37: LANDMARKS AND AIDS:

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

There was no photograph coverage available to radially plot Sea Flower Reef Light and a geographic position was not furnished by the field inspection party or the Washington Office. Refer to letter 731-aal from The Director, dated 23 September 1949 for additional facts about this light.

38: CONTROL FOR FUTURE SURVEYS:

Form 524 is submitted for SILVER EEL POND LIGHT, 1948.

There are no photo hydro stations.

39: JUNCTIONS:

There are no junctions of planimetric details or photogrammetric points to be made since the entire map manuscript is bounded by water areas.

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. New London, Conn. N.Y. edition 1938 and Mystic, Conn.-N.Y.-R.I. edition of 1944, 7 1/2 min. quadrangles, Scale 1:31680.

47: COMPARISON WITH NAUTICAL CHARTS:

Comparison was made with the following nautical charts:

No. 358, last printed 4/19/48, Scale, 1:20,000, hand corrected 12/13/48.

No. 359, last printed 7/19/48, Scale, 1:20,000, hand corrected 12/13/48.

No. 1211, last printed 11/1/48, Scale 1:80,000, hand corrected 12/23/48.

The planimetry shown on the map manuscript should supercede that shown on the above charts.

Approved:

Charles W. Clark

Charles W. Clark
Chief of Party

Respectfully submitted:

J. Edward Deal Jr.

J. Edward Deal, Jr.
Cartographer

ew

Review:

*I would like to know the
answers to the questions
in pencil in this report.*

16 Mar. 50 ew

PHOTOGRAMMETRIC OFFICE REVIEW

T-9086

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. Per H. Barron _____
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 SURVEYNONFLOATING AIDS ~~OR~~ LANDMARKS FOR CHARTS~~UNRECORDED~~
TO BE DELETED

STRIKE OUT ONE

and

Fishers Island Sound

1 Oct.

1948

I recommend that the following objects which have ~~(deleted from)~~ 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 J. E. Deal

Duplicate copy of Chart L. 141 (1950)

s/ Charles W. Clark

Chief of Party.

STATE	New York			POSITION							METHOD OF LOCATION AND SURVEY No.	DATE OF LOCATION	HARBOR CHART	INSHORE CHART	OFFSHORE CHART	CHARTS AFFECTED
	CHARTING NAME	DESCRIPTION	SIGNAL NAME	LATITUDE		LONGITUDE			DATUM							
				°	'	°	'	D. M. METERS		D. P. METERS						
Lookout Tower	Lookout Tower on Fishers Is.		41	15	486	72	01	1177	NA 1927	Unk	Unk	XX	XX		358 1211	
Lookout Tower	" " "	"	41	15	725	72	00	837	"	"	"	XX	XX		358,9 1211	
Lookout Tower	" " "	"	41	17	174	71	56	84	"	"	"	XX	XX		358,9 1211	
SE Cupola	Fishers Is. Clubhouse Cupola		41	16	1383	71	56	1249	"	"	"	XX	XX		358,9 1211	
Cupola	A cupola on the NW end of Fishers Island		41	15	1808	72	01	188	"	"	"	XX	XX		358,9 1211	
	FIXED AID															
* FL.R.	Silver Eel Pond Light		41	15	828	72	01	1313	NA 1927	Unk	Unk	XX	XX		358,9 1211	
* A new	position is submitted with this report.															
															16	

DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEYNONFLOATING AIDS ~~OR~~ LANDMARKS FOR CHARTS
and

STRIKE OUT ONE

TO BE CHARTED
~~DO NOT CHART~~

Fishers Island Sound

1 Oct

1948

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

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

Duplicate copy of Chart L. 141 (1950)

s/ Charles W. Clark 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						
New York	F.	Race Rock Lighthouse on W. end of Fishers Island		41 14	72 02	1115.3	1197.2	NA	1882	xx	xx		358,9 1211
	F.	North Dimpling Lighthouse N. of W end of Fishers Is.		41 17	72 01	491.5	257.9	"	1874	xx	xx		358,9 1211
	Fl.R.	Silver Eel Pond Light Near Fort Wright		41 15	72 01	905	1386	"	Rod. plot 9086	xx	xx		358,9 1211
	Fl.W.	Seaflower Reef Light NW of North Dimpling		41 17	72 02	(No position available)			1948	xx	xx		358,9 1211
LANDMARKS													
	Cupola	Fishers Island Coast Guard Cupola near East Harbor		41 16	71 56	1813.5	955.3	NA	1934	xx	xx		358 1211
	* Highest Point	Center of concrete reservoir (5' high) on top of Chocomount hill top		41 16	71 57	1473.9	1105.9	"	Inst. 9086 angle 1948	xx	xx		358 1211
	* A Decision was made during review to list this feature as a LANDMARK and it was not necessarily inspected from seaward during field inspection to show it as such.												
									RJF 7-17-50				
													17

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

731-aal

COPY

23 September 1949

To: Lt. Comdr. Charles W. Clark
U.S. Coast and Geodetic Survey
c/o Swan Island Postal Station
Portland 18, Oregon

Subject: Seaflower Reef Light

This is in response to your request dated 16 September 1949, for a geographic position of Seaflower Reef Light.

This office has no record of the position of Seaflower Reef Light being determined by triangulation methods.

/S/ J. H. Hawley
Acting Director

c/o Swan Island Postal Station
Portland 18, Oregon

COPY

3 January 1950

To: The Director
U.S. Coast and Geodetic Survey
Washington 25, D.C.

Subject: Description of Triangulation Stations FISHERS ISLAND CLUB
HOUSE CHIMNEY, 1934 and SIMMON'S CHIMNEY, 1934.

During the compilation and review of map manuscripts T-9086(1948), Project Ph-31(48)A, a comparison was made between the descriptions and plotted positions of the subject stations in relation to the planimetry of the map.

Descriptions of these two stations published in Pamphlet No. 276, Conn., Long Island Sound, Lyme to Rhode Island, Fishers Island, page 26 and reported to be adequate in 1948 by E.T. Jenkins, Engineering Aid, of the field party of Comdr. Riley J. Sipe, do not agree with the planimetry as compiled on the map manuscript.

It is thought that in each case one of two or more chimneys may have been described and the geographic position determined on another.

From an examination of the map manuscript station Fishers Island Club House Chimney, 1934 could be more clearly described as follows:

The station is the chimney at the west end of the short east and west cross wing near the north end of the east main wing of a large "U" shaped building.

Similarly, station Simmon's Chimney, 1934 could be described as follows:

The station is the chimney at about the center of the west side of the west wing of a "U" shaped building.

Neither of these stations was identified by the field party and neither was used in the radial plot. Other nearby stations were used and held in the radial plot.

Charles W. Clark
Lt. Comdr.-USC&G Survey
Chief of Party

CWC/gr

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-rb, 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-9086

GEOGRAPHIC NAMES											
Survey No. T-9086											
1	Name on Survey	A	B	C	D	E	F	G	H	K	2/
		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		
	New York	.								USGB	1
	Fishers Island	.								"	2
	Fishers Island Sound ✓	.									3
	Block Island Sound ✓	.									4
	Wiconesset Island ✓	.									5
	Wiconesset Passage ✓	.									6
	Seal Rocks ✓	.									7
	East Point ✓	.									8
	Money Pond ✓	.									9
	Mud Pond ✓	.									10
	Ice Pond	(altho this name is on recent USGS quad., names report recommended its omission, as no longer used)									11
	Wreck Island ✓	.									12
	East Harbor ✓	.									13
	Pine Islands ✓	.									14
	Hungry Point ✓	.									15
	Fishers Island C. G. Sta. No. 59 ✓	.									16
	Fishers Island Club ✓	.									17
	South Beach ✓	.									18
	Barley Field Cove ✓	.									19
	Chocomount ✓	.	(hill)								20
	Brooks Point ✓	.									21
	Chocomount Cove ✓	.									22
	Chocomount Beach ✓	.									23
	Treasure Pond ✓	.									24
	Middle Farms Pond ✓	.									25
	Middle Farms Flats ✓	.									26
	Beach Pond ✓	.								USGB	27

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GEOGRAPHIC NAMES

Survey No. T-9086

GEOGRAPHIC NAMES												22
Survey No. T-9086												
		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										
2	Name on Survey	A	B	C	D	E	F	G	H	K		
	Island Pond ✓										1	
	Barlow Pond ✓									USGB	2	
	Clay Point ✓										3	
	Brickyard Pond ✓										4	
	Isabella Beach ✓										5	
	West Harbor ✓										6	
	Hawks Nest Point ✓										7	
	North Hill ✓										8	
	Goose Island ✓										9	
	Naval Experiment Station ✓										10	
	Mount Prospect ✓										11	
	Wilderness Point ✓										12	
	Fishers Island ✓		(village)								13	
	Hay Harbor ✓										14	
	Silver Eel Pond ✓										15	
	Fort H.G. Wright Military Reservation ✓										16	
	Elizabeth Field ✓										17	
	Race Point ✓										18	
	Race Rock Light										19	
	North Dumpling ✓										20	
	South Dumpling ✓										21	
	Flat Hammock ✓									USGB	22	
	West Clump ✓										23	
	Middle Clump ✓										24	
	East Clump ✓										25	
	Race Rock ✓										26	
	Names underlined in red are approved. L. Smith 7-17-50										27	
											M 234	

Review Report T-9086
 Planimetric Map
 19 July 1950

61. General Statement:

Field inspection and office compilation of this sheet was done in accordance with instructions for shoreline surveys. The map has been completed up to planimetric specifications, however, and will be published as a planimetric map.

62. Comparison with Registered Topographic Surveys

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

This survey does not use the alongshore bluff symbol as does 1508, and it is thought that from stereoscopic examination the extensive use of the bluff symbol on 1508 tends to exaggerate these features that are adequately shown by contours on the USGS quads.

Except for the limitations listed ~~in 61~~ above this survey supersedes the above listed surveys for nautical charting purposes.

63. Comparison with Maps of other Agencies

New London, Conn.-N.Y.	USGS 1:31,680	1938 edition
Mystic, Conn.-N.Y.-R.I.	USGS 1:31,680	1944 edition

Except for limitations listed in 61 above this survey supersedes the above quadrangles for nautical charting purposes.

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

Field inspection has been generally adequate except that more attention could have been given to these numerous rocks and boulders in the foreshore areas where no reference to datum was given. However, the shoreline

is generally rocky throughout and the rock awash symbol has been used extensively in the Foul areas to indicate the more prominent rocks.

Those offshore features such as Seaflower Reef, Pulpit Rk., Youngs Rk., Lewis Rk., Gatanby Rk., and the channel limits in West Harbor could not be seen on the photographs and should be investigated by the hydrographic party. The full extent of the rocks awash at East Clump, Middle Clump, and West Clump is in the same category and should not be considered complete.

Field inspection did not supply the limits of the cable area running the length of the island to the north.

Positions are listed for fixed aids and landmarks on Form 567 attached to this report.

66. Adequacy of Results and Future Surveys:

No field edit was made of this survey.

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

Reviewed by:

Roscoe J. French
Roscoe J. French

Approved by:

L. V. Griffith
Chief, Review Section
Division of Photogrammetry

H. Edmonson
Chief, Nautical Chart Branch
Division of Charts

O. S. Reading
Chief, Div. of Photogrammetry
JRT

W. M. Seafie
Chief, Div. Coastal Surveys
E. H.

SURVEY NO. *7.9086*

Record of Application to Charts

[illegible]

M-2158-1

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.