

TP-01290

TP-01290

NOAA FORM 76-35
(6-80)U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL OCEAN SURVEY

DESCRIPTIVE REPORT

THIS MAP EDITION WILL NOT BE FIELD EDITED

Map No.

TP-01290

Edition No.

1

Job No.

CM-8315

Map Classification

CLASS III (FINAL)

Type of Survey

SHORELINE

LOCALITY

State

CONNECTICUT

General Locality

SAUGATUCK RIVER TO CONNECTICUT RIVER

Locality

STRATFORD POINT

1983 TO 1984

REGISTERED IN ARCHIVES

DATE

NOAA FORM 76-36B
(3-72)U. S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL OCEAN SURVEY

TP-01290

COMPILATION SOURCES

1. COMPILATION PHOTOGRAPHY

CAMERA(S) Wild RC 10(C) (C = 88.46mm) Wild RC 10(B) (B = 152.74mm)		TYPES OF PHOTOGRAPHY LEGEND		TIME REFERENCE	
TIDE STAGE REFERENCE ☐ PREDICTED TIDES ☒ REFERENCE STATION RECORDS ☐ TIDE CONTROLLED PHOTOGRAPHY		(C) COLOR (P) PANCHROMATIC (I) INFRARED		ZONE Eastern	☒ STANDARD
				MERIDIAN 75th	☐ DAYLIGHT
NUMBER AND TYPE	DATE	TIME	SCALE	STAGE OF TIDE	
83 C(C) 0587-0591	11-8-83	10:50	1:50,000	4.84 ft. above MLW	
83 C(I) 0536-0539	11-1-83	13:13	1:50,000	0.03 ft. above MLW	
84 B(I) 0651-0652	06-27-84	09:25	1:50,000	0.29 ft. below MHW	
84 B(I) 0631-0634	06-27-84	08:56	1:50,000	0.39 ft. below MHW	
Mean Tide Range = 6.7 ft.					

REMARKS

Stage of tide for all photographs was based on reference station records for the staff at Bridgeport.

2. SOURCE OF MEAN HIGH-WATER LINE:

The mean high-water line was compiled from office interpretation of the above listed compilation/bridging photographs using stereo instrument methods. The tide coordinated black and white infrared photographs taken near the time of mean high-water were used to assist in the interpretation of the MLW line.

3. SOURCE OF MEAN LOW-WATER LINE:

The mean low-water line was compiled graphically from the above listed black and white tide coordinated infrared ratio photographs which were taken very near the time of mean low-water.

4. CONTEMPORARY HYDROGRAPHIC SURVEYS (List only those surveys that are sources for photogrammetric survey information.)

SURVEY NUMBER	DATE(S)	SURVEY COPY USED	SURVEY NUMBER	DATE(S)	SURVEY COPY USED

5. FINAL JUNCTIONS

NORTH	EAST	SOUTH	WEST
None	TP-01291	None	TP-01289

REMARKS

Tp-01290

HISTORY OF FIELD OPERATIONS

I. ☒ FIELD ~~INSPECTION~~ OPERATION☐ FIELD EDIT OPERATION

OPERATION	NAME	DATE
1. CHIEF OF FIELD PARTY	J. Shea	Apr. 1984
2. HORIZONTAL CONTROL	RECOVERED BY C. Middleton	Apr. 1984
	ESTABLISHED BY N.A.	
	PRE-MARKED OR IDENTIFIED BY C. Middleton	Apr. 1984
3. VERTICAL CONTROL	RECOVERED BY N.A.	
	ESTABLISHED BY N.A.	
	PRE-MARKED OR IDENTIFIED BY N.A.	
4. LANDMARKS AND AIDS TO NAVIGATION	RECOVERED (Triangulation Stations) BY C. Middleton	Apr. 1984
	LOCATED (Field Methods) BY N.A.	
	IDENTIFIED BY C. Middleton	Apr. 1984
5. GEOGRAPHIC NAMES INVESTIGATION	TYPE OF INVESTIGATION	
	☐ COMPLETE BY	
	☐ SPECIFIC NAMES ONLY	
	☒ NO INVESTIGATION	
6. PHOTO INSPECTION	CLARIFICATION OF DETAILS BY N.A.	
7. BOUNDARIES AND LIMITS	SURVEYED OR IDENTIFIED BY N.A.	

II. SOURCE DATA

1. HORIZONTAL CONTROL IDENTIFIED

Photoidentified

2. VERTICAL CONTROL IDENTIFIED

None

PHOTO NUMBER	STATION NAME	PHOTO NUMBER	STATION DESIGNATION
83C(C)0590	MILFORD EPISCOPAL CHURCH SPIRE, 1884		

3. PHOTO NUMBERS (Clarification of details)

None

4. LANDMARKS AND AIDS TO NAVIGATION IDENTIFIED

PHOTO NUMBER	OBJECT NAME	PHOTO NUMBER	OBJECT NAME
83C(C)0587	WICC SOUTH RADIO TOWER, 1933		

5. GEOGRAPHIC NAMES: ☐ REPORT☒ NONE6. BOUNDARY AND LIMITS: ☐ REPORT☒ NONE

7. SUPPLEMENTAL MAPS AND PLANS

None

8. OTHER FIELD RECORDS (Sketch books, etc. DO NOT list data submitted to the Geodesy Division)

1 NOAA Form 76-102A

1 NOAA Form 76-135

3 NOAA Forms 75-82A

3 NOAA Forms 76-86

5 NOAA Forms 75-63

2 NOAA Forms 76-19

1 NOAA Form 76-53

RECORD OF SURVEY USE

I. MANUSCRIPT COPIES

COMPILATION STAGES			DATE MANUSCRIPT FORWARDED	
DATA COMPILED	DATE	REMARKS	MARINE CHARTS	HYDRO SUPPORT
Compilation Complete	Sept. 1987	Class III Manuscript		
Final Review	Apr. 1988	Final Class III Map		

II. LANDMARKS AND AIDS TO NAVIGATION

1. REPORTS TO MARINE CHART DIVISION, NAUTICAL DATA BRANCH

NUMBER pages	CHART LETTER NUMBER ASSIGNED	DATE FORWARDED	REMARKS
1			Charted landmarks and aids to navigation form

2. ☐ REPORT TO MARINE CHART DIVISION, COAST PILOT BRANCH. DATE FORWARDED: _____3. ☐ REPORT TO AERONAUTICAL CHART DIVISION, AERONAUTICAL DATA SECTION. DATE FORWARDED: _____

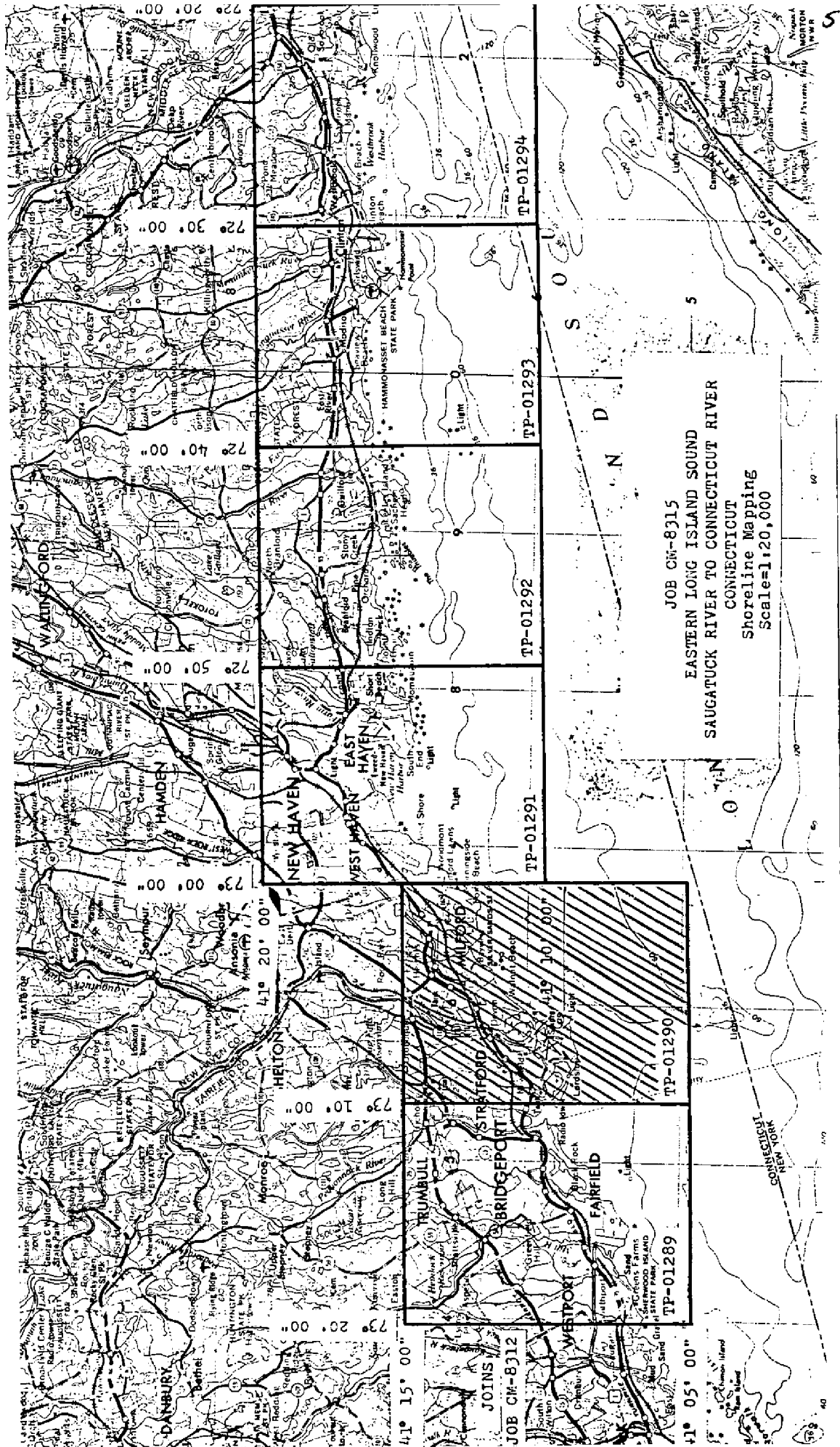
III. FEDERAL RECORDS CENTER DATA

1. ☒ BRIDGING PHOTOGRAPHS; ☒ DUPLICATE BRIDGING REPORT; ☒ COMPUTER READOUTS.
2. ☒ CONTROL STATION IDENTIFICATION CARDS; ☐ FORM NOS 567 SUBMITTED BY FIELD PARTIES.
3. ☐ SOURCE DATA (except for Geographic Names Report) AS LISTED IN SECTION II, NOAA FORM 76-36C.
ACCOUNT FOR EXCEPTIONS:

4. ☐ DATA TO FEDERAL RECORDS CENTER. DATE FORWARDED: _____

IV. SURVEY EDITIONS (This section shall be completed each time a new map edition is registered)

SECOND EDITION	SURVEY NUMBER TP - _____ (2)	JOB NUMBER PH - _____	TYPE OF SURVEY ☐ REVISED ☐ RESURVEY MAP CLASS ☐ II. ☐ III. ☐ IV. ☐ V. ☐ FINAL
	DATE OF PHOTOGRAPHY	DATE OF FIELD EDIT	
THIRD EDITION	SURVEY NUMBER TP - _____ (3)	JOB NUMBER PH - _____	TYPE OF SURVEY ☐ REVISED ☐ RESURVEY MAP CLASS ☐ II. ☐ III. ☐ IV. ☐ V. ☐ FINAL
	DATE OF PHOTOGRAPHY	DATE OF FIELD EDIT	
FOURTH EDITION	SURVEY NUMBER TP - _____ (4)	JOB NUMBER PH - _____	TYPE OF SURVEY ☐ REVISED ☐ RESURVEY MAP CLASS ☐ II. ☐ III. ☐ IV. ☐ V. ☐ FINAL
	DATE OF PHOTOGRAPHY	DATE OF FIELD EDIT	



JOB CM-8315
EASTERN LONG ISLAND SOUND
SAUGATUCK RIVER TO CONNECTICUT RIVER
CONNECTICUT
Shoreline Mapping
Scale=1:20,000

SUMMARY TO ACCOMPANY
DESCRIPTIVE REPORT

TP-01290

This 1:20,000 scale map is one of six maps at 1:20,000 scale in project CM-8315, Eastern Long Island Sound, Saugatuck River to Connecticut River, Connecticut. The project extends from longitude 72° 20' 00" west to longitude 73° 20' 00".

Photographic coverage was provided in November 1983 with the "C" camera (focal length = 88.46 millimeters) using both color and infrared film at 1:50,000 scale and in June 1984 with the "B" camera (focal length = 152.74 millimeters) using infrared film at 1:50,000 scale. The infrared photography was tide coordinated at both mean high and mean low water.

Field work prior to compilation was accomplished during April 1984. This consisted of photoidentification of horizontal control to satisfy aerotriangulation requirements.

Analytic aerotriangulation was adequately performed at the Washington Science Center in October 1985. The manuscripts were ruled at the Atlantic Marine Center from the data furnished by the aerotriangulation process.

Compilation was performed at the Atlantic Marine Center, from office interpretation of the 1:50,000 scale color and infrared photography, in September 1987.

Final review was performed at the Atlantic Marine Center in April 1988. A Chart Maintenance Print, for Marine Charts Branch, and Notes to Hydrographer Print, for the Hydrographic Branch were forwarded. This map is to be registered as a Final Class III Map.

The original base map and all pertinent data were forwarded to the Washington Science Center for final registration.

AEROTRIANGULATION REPORT
CM-8315
Eastern Long Island Sound
Saugatuck River to Connecticut River, Connecticut
October 1985

21. Area Covered

This report covers the Long Island Sound, Connecticut area from Saugatuck River to Connecticut River. The project consists of six 1:20,000-scale sheets; TP-01289 through TP-01294.

22. Method

Three strips of 1:50,000-scale color photographs were bridged by analytic aerotriangulation methods and adjusted to ground using field identified control and office identified intersection stations.

Strip 50-1 was measured using the National Ocean Service Analytic Plotter (NOSAP) under control of the Integrated Digital Photogrammetric Facility Software (IDPF). Strip 50-2 and Strip 50-3 were measured using the Wild STK Comparator.

Tie points were used to ensure adequate junction of all strips, and in addition, were used as supplemental control for strips 50-2 and 50-3.

Common image points were established between the 1:50,000-scale color bridging photographs and two 1:30,000-scale color supplemental photographs (1983 B(C) 7420 and 7421) which will be used to compile a section of TP-01291 which is not covered by the bridging photographs.

Ratio values were determined for the 1:50,000-scale color bridging photographs, the 1:30,000-scale color supplemental photographs, and the 1:50,000-scale MLW and MHW infrared photographs. A copy of these values and sketches of the photo coverage are attached to this report.

A magnetic plotting tape for ruling the base manuscripts depicting the Lambert Conformal Conic Projection with grid ticks based on the Connecticut State Plane Coordinate System has been prepared.

23. Adequacy of Control

The control was adequate and meets the National Ocean Service requirements. A listing of closures to control is attached.

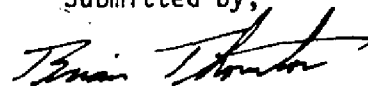
24. Supplemental Data

USGS topographic quadrangles were used to obtain vertical control for bridging. NOS Nautical Charts were used to locate aids and landmarks.

25. Photography

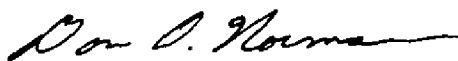
The coverage, overlap, and quality of the photographs were adequate for the job.

Submitted by,



Brian Thornton

Approved and Forwarded:



Don O. Norman
Chief, Aerotriangulation Unit

FIT TO CONTROL

▲ = Control point held in adjustment

■ = Tie point held in adjustment

STRIP #50-1

STATION NAMES	POINT NO	VALUES IN FEET	
		X	Y
▲ Westbrook Tank 1934	208100	-1.7	-0.3
Milford Episcopal Church Spire 1884, Sub Pt 3A	590101	-1.0	+0.8
" " " " " , Sub Pt 3B	590102	+1.3	-0.2
▲ " " " " " , Sub Pt 3C	590103	+0.7	-0.2
Koppers New Cross, Sub Pt 4A	593101	-2.1	+1.0
" " " " " , Sub Pt 4B	593102	0.0	-0.4
▲ Lyme 1934, Sub Pt 7A	608101	+0.1	+0.6
" " " " " , Sub Pt 7B	608102	+0.2	+0.1
Hammonasset 3 1932, Sub Pt 6A	613101	-1.9	-2.1
" " " " " , Sub Pt 6B	613102	+0.7	+1.4
▲ Guilford Cong Church Spire 1933, Sub Pt 5A	616101	-0.1	-0.6
" " " " " " Sub Pt 5B	616102	+1.9	-0.7

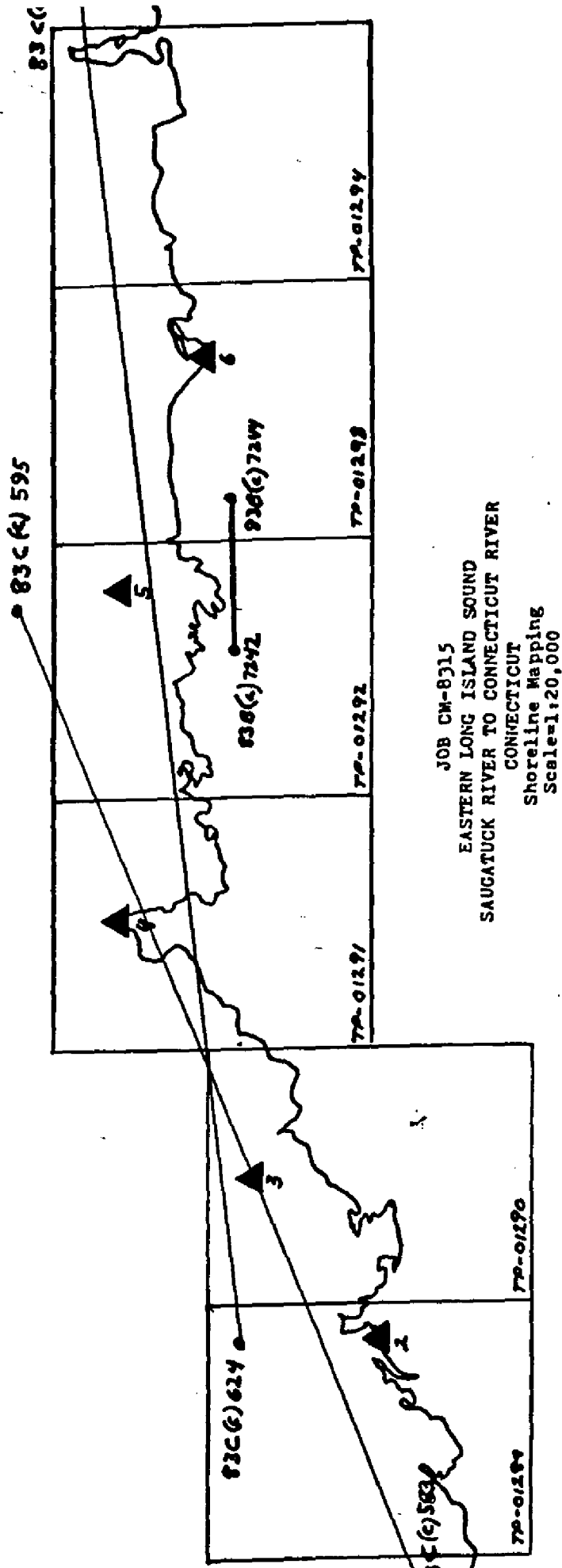
Strip #50-2

■ Tie from Strip #50-1	242801	-0.1	-0.7
" " " "	242802	-1.7	+0.6
" " " "	242803	-1.8	+0.5
■ " " " "	243801	+0.5	+1.5
" " " "	243802	-0.5	+1.5
" " " "	243803	+0.7	+3.0
Guilford Cong Church Spire 1933	616100	-0.8	+1.2
" " " " " Sub Pt 5A	616101	-0.7	+2.3
" " " " " Sub Pt 5B	616102	+0.4	+1.4
Hogshead Point Boulder 1934	180100	-0.2	-1.4
Falkner Island Lighthouse 1882	182100	+0.8	-0.2
Guilford Standpipe 1933	185100	+1.1	+1.7
■ Tie from Strip #50-1	244801	-0.4	-0.8
" " " "	244802	-1.6	+1.2
" " " "	244803	-0.1	+1.1

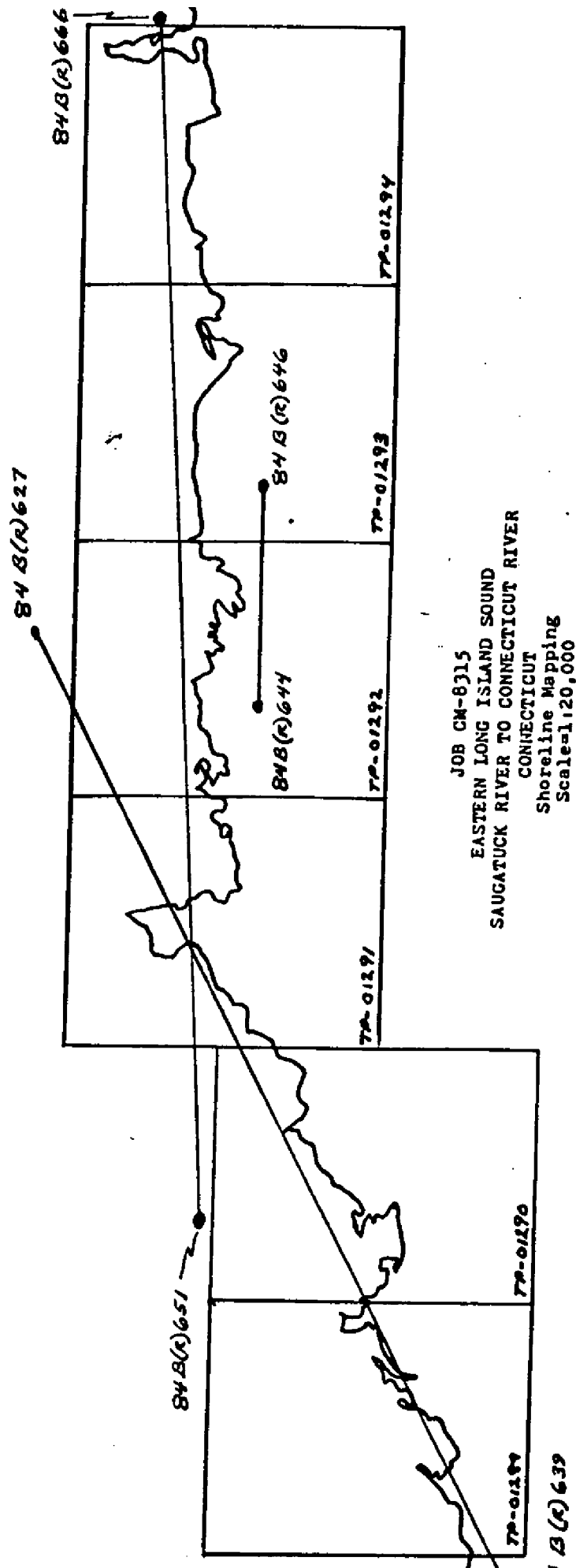
Strip #50-3

▲ Cedar 2 1955,	Sub Pt 1A	583101	+2.1	+1.6
▲ " " " ,	Sub Pt 1B	583102	-0.4	-0.7
▲ WICC South Radio Tower,	Sub Pt 2A	587101	-0.6	+1.2
" " " " ,	Sub Pt 2B	587102	-1.2	+1.8
▲ " " " " ,	Base 2 C	587103	-1.3	+2.1
Tie from Strip #50-1		589801	-2.8	-2.9
" " " "		589802	-5.1	-2.5
■ " " " "		589803	-2.2	-1.9
" " " "		589804	-0.9	+1.8
" " " "		589805	+2.1	-2.5
■ " " " "		589806	-0.2	-2.7
▲ Milford Episcopal Church Spire 1884,	Sub Pt 3A	590101	+3.8	+2.3
" " " " " "	Sub Pt 3B	590102	+7.3	+2.2
▲ " " " " " "	Sub Pt 3C	590103	-0.5	+3.7
▲ Koppers New Cross,	Sub Pt 4A	593101	+1.4	-1.9
▲ " " " "	Sub Pt 4B	593102	+3.5	+1.3
Tie from Strip #50-1		593801	+2.4	+4.7
" " " "		593802	+4.2	+6.2
" " " "		593803	+3.4	+5.6
" " " "		593804	-1.1	-0.8
" " " "		593805	-1.0	+1.2
■ " " " "		593806	-0.7	+0.6
" " " "		594801	-0.8	+2.0
" " " "		594802	-1.4	+1.7
" " " "		594803	-1.3	+4.1
" " " "		594804	-4.3	-2.7
" " " "		594805	-1.8	-2.8
■ " " " "		594806	-2.6	-1.9

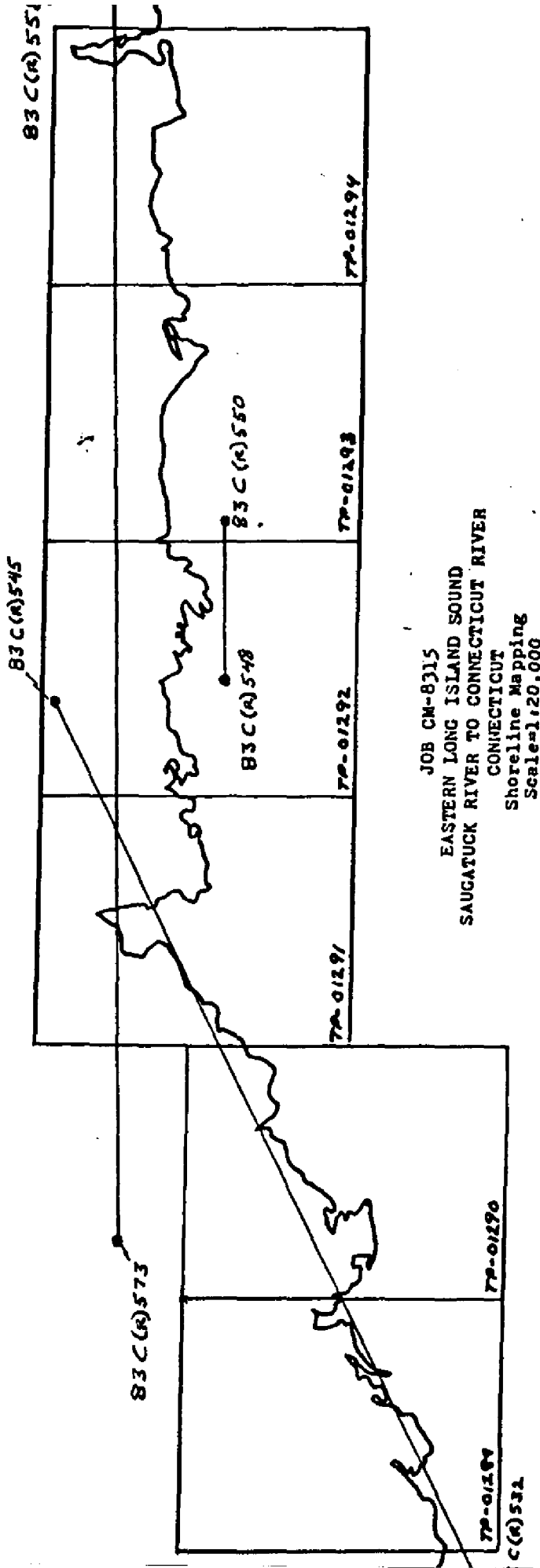
1. CEDAR 2, 1955
2. WICC SOUTH RADIO TOWER
3. MILFORD EPISCOPAL CHURCH SPIRE
4. KOPPERS NEW CROSS
5. GUILFORD CONG. CHURCH SPIRE, 1933
6. HAMMONASSET 3, 1932
7. LYME, 1934



MHW
1:50,000



MLW
1:50,000



JOB CM-8315
EASTERN LONG ISLAND SOUND
SAUGATUCK RIVER TO CONNECTICUT RIVER
CONNECTICUT
Shoreline Mapping
Scale=1:20,000

RATIO VALUES

CM-8315

1:50,000 Bridging Photographs

	<u>Ratio Value</u>
83 C(C) 0608-0624	2.535
83 C(C) 0583-0595	2.520
83 B(C) 7242-7244	2.447

1:30,000 Supplemental Photographs

83 B(C) 7420-7421	1.499
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MLW 1:50,000 Black-and-White Infrared

83 C(R) 0532-0545	2.525
83 C(R) 0548-0550	2.524
83 C(R) 0558-0573	2.525

MHW 1:50,000 Black-and-White Infrared

84 B(R) 0627-0639	2.506
84 B(R) 0644-0646	2.495
84 B(R) 0651-0666	2.510

DESCRIPTIVE REPORT CONTROL RECORD

MAP NO.	JOB NO.	STATION NAME	SOURCE OF INFORMATION (Index)	AEROTRIANGULATION POINT NUMBER	GEODETIC DATUM		ORIGINATING ACTIVITY		REMARKS
					CM-8315	N.A. 1927	Unit, AMC, Norfolk, VA	Coastal Mapping	
STATION NAME			COORDINATES IN FEET		GEOGRAPHIC POSITION				
			STATE Connecticut		φ LATITUDE				
			ZONE Connecticut		λ LONGITUDE				
WICC SOUTH RADIO TOWER, 1933	QUAD 410732	52B			x=	φ 41° 09' 32.803"			
	STA 1189	587100			y=	λ 73° 09' 51.981"			
WICC NORTH RADIO TOWER, 1933	QUAD 410732				x=	φ 41° 09' 39.230"			
	STA 1188	52A			y=	λ 73° 09' 54.354"			
DEVON CONN. P AND L PLANT S STK, 1932	QUAD 410732				x=	φ 41° 12' 31.591"			
	STA 1066	63			y=	λ 73° 06' 32.037"			
MILFORD EPISCOPAL CHURCH SPIRE, 1884	QUAD 410732				x=	φ 41° 13' 26.79"			
	STA 1110	590100			y=	λ 73° 03' 27.83"			
					x=	φ			
					y=	λ			
					x=	φ			
					y=	λ			
					x=	φ			
					y=	λ			
					x=	φ			
					y=	λ			
					x=	φ			
					y=	λ			
					x=	φ			
					y=	λ			
					x=	φ			
					y=	λ			
COMPUTED BY						COMPUTATION CHECKED BY		DATE	
LISTED BY						LISTING CHECKED BY		DATE	
HAND PLOTTING BY						HAND PLOTTING CHECKED BY		DATE	

COMPILATION REPORT

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31. DELINEATION:

Delineation was accomplished using Wild B-8 stereo instrument and graphic compilation methods. Instrument compilation was used to delineate shoreline, alongshore, and interior detail based upon office interpretation of the 1:50,000 scale bridging/compilation color photographs. Tide coordinated mean high water infrared photographs were used to assist in the interpretation of the shoreline. Tide coordinated mean low water infrared ratio photographs were used to graphically compile the approximate mean low water line. Control for graphic delineation was provided by the instrument compilation of coastal detail and common image points.

All photographs used to compile this map are listed on NOAA form 76-36B. The photography was adequate.

32. CONTROL:

The horizontal control was adequate. Refer to the Aerotriangulation Report, dated October 1985.

33. SUPPLEMENTAL DATA:

None.

34. CONTOURS AND DRAINAGE:

Contours are not applicable to the project. Drainage was compiled from office interpretation of the photographs.

35. SHORELINE AND ALONGSHORE DETAILS:

The mean high water line was compiled from office interpretation of the bridging/compilation photographs and was complimented by the tide coordinated mean high water infrared contact photographs. There were no mean high water infrared ratio photographs available.

36. OFFSHORE DETAILS:

Offshore detail was compiled by instrument methods using the 1:50,000 scale bridging/compilation color photographs as described in item #31.

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The mean low water infrared photographs were ratioed in order to graphically compile the approximate mean low water line as described in item #31.

37. LANDMARKS AND AIDS:

There are fifteen charted landmarks and seven charted aids to navigation within the limits of this map. Among these, nine landmarks and five aids were located/verified photogrammetrically.

38. CONTROL FOR FUTURE SURVEYS:

None.

39. JUNCTIONS:

Refer to the Data Record Form 76-36B, item 5, of the Descriptive Report.

40. HORIZONTAL AND VERTICAL ACCURACY:

See item #32.

46. COMPARISON WITH EXISTING MAPS:

A comparison was made with the following U.S. Geological Survey Quadrangles:

Milford, Connecticut; dated 1960, photorevised 1971; scale 1:24,000
Bridgeport, Connecticut; dated 1970; scale 1:24,000

47. COMPARISON WITH NAUTICAL CHARTS:

A comparison was made with the following National Ocean Service charts:

12354; 28th edition; dated October 4, 1986; scale 1:80,000
12363; 32nd edition; dated October 18, 1986; scale 1:80,000
12364; 25th edition; dated January 10, 1987; scale 1:40,000 SC
12369; 20th edition; dated March 2, 1985; scale 1:20,000
12370; 15th edition; dated September 22, 1984; scale 1:20,000
12371; 20th edition; dated April 6, 1985; scale 1:20,000

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ITEMS TO BE APPLIED TO NAUTICAL CHARTS IMMEDIATELY:

None.

ITEMS TO BE CARRIED FORWARD:

None.

Submitted by:

David R. Miller

David R. Miller
Cartographer
August 25, 1987

Approved:

J. Byrd, Jr.

James L. Byrd, Jr.
Chief, Coastal Mapping Unit

GEOGRAPHIC NAMES

FINAL NAME SHEET

CM-8315 (Saugatuck River to Connecticut River, Connecticut)

TP-01290

Amtrak (RR)
Bar, The
Bayview
Bayview Beach
Beaver Brook
Burns Point
Burwells Beach
Carling Island
Cedar Beach (locality)
Charles Island
Conrail (RR)
Crimbo Point
Devon
Fort Trumbull Beach
Fowler Island
Frash Pond
Great Creek
Gulf Beach
Gulf Pond
Gulf, The
Housatonic River
Igor I. Sikorsky Airport
Indian River
Johnsons Creek
Laurel Beach (locality)
Lewis Gut
Long Beach

Long Island
Long Island Sound
Lordship
Lordship Beach
Milford
Milford Harbor
Milford Point
Milford Reservoir
Morningside
Myrtle Beach (locality)
Nells Island
Nigs Pond
Peacock Island
Point Beach
Point Beach (locality)
Point No Point
Popes Island
Rivercliff
Short Beach
Silver Beach
Sniffens Point
Stratford
Stratford Point
Walnut Beach (locality)
Welches Point
Wepawaug River
Wildermere Beach (locality)

Approved:

Charles E. Harrington

Charles E. Harrington
Chief Geographer
Nautical Charting Division

REVIEW REPORT
SHORELINE

TP-01290

61. GENERAL STATEMENT:

See Summary included with this descriptive report.

62. COMPARISON WITH REGISTERED TOPOGRAPHIC SURVEYS:

Not applicable.

63. COMPARISON WITH MAPS OF OTHER AGENCIES:

A comparison was made with U.S.G.S. quadrangles:

Bridgeport, Connecticut, dated 1970 and Milford, Connecticut dated 1960, photorevised 1971, both are 1:24,000 scale.

64. COMPARISON WITH CONTEMPORARY HYDROGRAPHIC SURVEYS:

There is no contemporary hydrographic survey within the limits of this map.

65. COMPARISON WITH NAUTICAL CHARTS:

A comparison was made with the following NOS Charts:

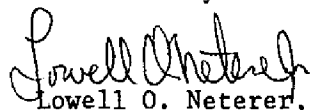
12354, 28th edition, dated October 4, 1986, scale 1:80,000
12363, 32nd edition, dated October 18, 1986, scale 1:80,000
12364, 25th edition, dated January 10, 1987, scale 1:40,000
12369, 20th edition, dated March 2, 1985, scale 1:20,000.
12370, 15th edition, dated September 22, 1984, scale 1:20,000
12371, 20th edition, dated April 6, 1985, scale 1:20,000.

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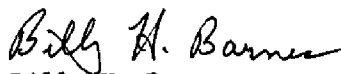
66. ADEQUACY OF RESULTS AND FUTURE SURVEYS:

This map complies with the Project Instructions and meets the requirements for National Standards of Map Accuracy.

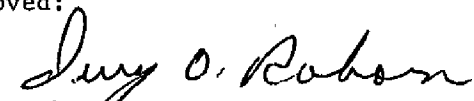
Submitted by:


Lowell O. Neterer, Jr.
Final Reviewer
April 14, 1988

Approved for forwarding:


Billy H. Barnes
Chief, Quality Assurance Group, AMC

Approved:


Chief, Photogrammetric Production Sec.


Chief, Photogrammetry Branch

CHARTED LANDMARKS AND NONFLOATING AIDS TO NAVIGATION LISTING

PAGE 1 OF 1

PROJECT: CM-8315

MAP NUMBER (Scale); Locality: TP-01290, 1:20,000; Saugatuck River
to Connecticut River, Connecticut

GEODETTIC DATUM: N.A. 1927

The following charted landmarks and nonfloating aids to navigation have been measured and or confirmed during photogrammetric operations. Refer to Nautical Charting Division Standard Digital Data Exchange Format documentation for quality code (QC) criteria and clarification of cartographic codes (CC).

<u>FEATURE DESCRIPTION</u>	<u>NCD CC</u>	<u>GEOGRAPHIC POSITION (°-'-")</u>		<u>NCD Q.C.</u>	<u>DATE OF LOCATION</u>
		<u>LATITUDE</u>	<u>LONGITUDE</u>		
Radio Tower	139	41 09 39.230	73 09 54.354	3	11-08-83
Radio Tower	139	41 09 32.803	73 09 51.981	3	11-08-83
Spire	86	41 09 18.00	73 07 26.00	7	11-08-83
South Stack	139	41 12 31.591	73 06 32.037	3	11-08-83
Stack	86	41 12 29.50	73 06 34.30	7	11-08-83
South Tower	86	41 13 45.00	73 06 30.50	7	11-08-83
South Tower	86	41 13 47.50	73 06 42.20	7	11-08-83
Clock Tower	86	41 14 08.60	73 06 40.10	7	11-08-83
Tank	86	41 14 13.60	73 05 54.50	7	11-08-83
Housatonic River Breakwater Light 2A	200	41 09 38.10	73 05 36.70	7	11-08-83
Housatonic River Light #5	200	41 09 46.70	73 06 14.90	7	11-08-83
Housatonic River Light #7	200	41 10 06.00	73 06 34.20	7	11-08-83
Housatonic River Light #11	200	41 10 31.30	73 07 17.30	7	11-08-83
Milford Harbor Light #10	200	41 12 36.60	73 02 55.80	7	11-08-83

Listing approved by:

FINAL REVIEWER

DATE

RECORD OF APPLICATION TO CHARTS

FILE WITH DESCRIPTIVE REPORT OF SURVEY NO.

INSTRUCTIONS

A basic hydrographic or topographic survey supersedes all information of like nature on the uncorrected chart.

1. Letter all information.
2. In "Remarks" column cross out words that do not apply.
3. Give reasons for deviations, if any, from recommendations made under "Comparison with Charts" in the Review.

[illegible]