TP-01289

TP-01289

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.	*Edition No.*
TP-01289	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
FAIRFIELD

19 83 TO 19 84

REGISTERED IN ARCHIVES

DATE

* U.S. GOVERNMENT PRINTING OFFICE: 1980-665-115

NOAA FORM 76-36A (3-72) — U. S. DEPARTMENT OF COMMERCE, NATIONAL OCEANIC AND ATMOSPHERIC ADMIN.

DESCRIPTIVE REPORT - DATA RECORD

TYPE OF SURVEY
- [X] ORIGINAL
- [ ] RESURVEY
- [ ] REVISED

SURVEY TP. 01289
MAP EDITION NO. (1)
MAP CLASS III Final
JOB PH. CM-8315

PHOTOGRAMMETRIC OFFICE
Coastal Mapping Unit
Atlantic Marine Center, Norfolk, VA

OFFICER-IN-CHARGE
C. Dale North, Jr.

LAST PRECEEDING MAP EDITION
TYPE OF SURVEY
- [ ] ORIGINAL
- [ ] RESURVEY
- [ ] REVISED

JOB PH. ____
MAP CLASS ____
SURVEY DATES: 19__ TO 19__

I. INSTRUCTIONS DATED

1. OFFICE		2. FIELD	
Aerotriangulation	September 6, 1985	Control	February 15, 1984
Compilation	April 15, 1987		

II. DATUMS

1. HORIZONTAL: [X] 1927 NORTH AMERICAN — OTHER (Specify)

2. VERTICAL: [X] MEAN HIGH-WATER; [X] MEAN LOW-WATER; [ ] MEAN LOWER LOW-WATER; [ ] MEAN SEA LEVEL — OTHER (Specify)

3. MAP PROJECTION: Lambert Conformal Projection

4. GRID(S): STATE: Connecticut; ZONE: Connecticut

5. SCALE: 1:20,000 — STATE: ; ZONE:

III. HISTORY OF OFFICE OPERATIONS

OPERATIONS		NAME	DATE
1. AEROTRIANGULATION METHOD: Analytic	BY	B. Thornton	Oct. 1985
	LANDMARKS AND AIDS BY	D. Norman	Oct. 1985
2. CONTROL AND BRIDGE POINTS METHOD: Xynetics 1201	PLOTTED BY	F. Mauldin	Dec. 1986
	CHECKED BY	F. Mauldin	Dec. 1986
3. STEREOSCOPIC INSTRUMENT COMPILATION	PLANIMETRY BY	R. Kravitz	July 1987
	CHECKED BY	F. Mauldin	July 1987
INSTRUMENT: Wild B-8	CONTOURS BY	N.A.	
SCALE: 1:20,000	CHECKED BY	N.A.	
4. MANUSCRIPT DELINEATION	PLANIMETRY BY	R. Kravitz	Aug. 1987
	CHECKED BY	F. Mauldin	Aug. 1987
METHOD: Smooth Drafted	CONTOURS BY	N.A.	
	CHECKED BY	N.A.	
SCALE: 1:20,000	HYDRO SUPPORT DATA BY	R. Kravitz	Aug. 1987
	CHECKED BY	F. Mauldin	Aug. 1987
5. OFFICE INSPECTION PRIOR TO Final Review	BY	F. Mauldin	Aug. 1987
6. APPLICATION OF FIELD EDIT DATA	BY	N.A.	
	CHECKED BY	N.A.	
7. COMPILATION SECTION REVIEW Class III	BY	F. Mauldin	Aug. 1987
8. FINAL REVIEW Class III	BY	L. O. Neterer, Jr.	Feb. 1988
9. DATA FORWARDED TO PHOTOGRAMMETRIC BRANCH	BY	L. O. Neterer, Jr.	June 1988
10. DATA EXAMINED IN PHOTOGRAMMETRIC BRANCH	BY	P. Dempsey	Aug 1988
11. MAP REGISTERED - COASTAL SURVEY SECTION	BY	J. Rikan	Dec 1988

NOAA FORM 76-36A — SUPERSEDES FORM C&GS 181 SERIES

* U.S. G.P.O. 1972-769382/582 REG.#6

NOAA FORM 76-36B
(3-72)

U. S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL OCEAN SURVEY

TP-01289

COMPILATION SOURCES

1. COMPILATION PHOTOGRAPHY

CAMERA(S)
Wild RC 10(B) (B = 152.74mm)
Wild RC 10(C) (C = 88.46mm)

TIDE STAGE REFERENCE
- ☐ PREDICTED TIDES
- ☒ REFERENCE STATION RECORDS
- ☐ TIDE CONTROLLED PHOTOGRAPHY

TYPES OF PHOTOGRAPHY LEGEND
(C) COLOR
(P) PANCHROMATIC
(I) INFRARED

TIME REFERENCE
ZONE: Eastern ☒ STANDARD ☐ DAYLIGHT
MERIDIAN: 75th

NUMBER AND TYPE	DATE	TIME	SCALE	STAGE OF TIDE
83 C(C) 0584-0588	11-8-83	10:50	1:50,000	4.84 ft. above MLW
83 C(I) 0533-0536	11-1-83	13:13	1:50,000	0.03 ft. above MLW
84 B(I) 0629-0631	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 color 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 MHW line.

3. SOURCE OF MEAN LOW-WATER [redacted] 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
No Survey	TP-01290	No Survey	CM-8312 TP-01268

REMARKS

NOAA FORM 76-36B
(3-72)

☆U.S.GOVERNMENT PRINTING OFFICE: 1985-564-007

NOAA FORM 76-36C
(3-72)

U. S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL OCEAN SURVEY

TP-01289

HISTORY OF FIELD OPERATIONS

I. [X] 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	N.A.	
	LOCATED *(Field Methods)* BY	N.A.	
	IDENTIFIED BY	N.A.	
5. GEOGRAPHIC NAMES INVESTIGATION	TYPE OF INVESTIGATION: [ ] COMPLETE [ ] SPECIFIC NAMES ONLY [X] NO INVESTIGATION — BY		
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
83C(C)0587	WICC SOUTH RADIO TOWER, 1933 (3 subpoints identified)

PHOTO NUMBER	STATION DESIGNATION

3. PHOTO NUMBERS *(Clarification of details)*

None

4. LANDMARKS AND AIDS TO NAVIGATION IDENTIFIED

None

PHOTO NUMBER	OBJECT NAME

PHOTO NUMBER	OBJECT NAME

5. GEOGRAPHIC NAMES: [ ] REPORT [X] NONE

6. BOUNDARY AND LIMITS: [ ] REPORT [X] NONE

7. SUPPLEMENTAL MAPS AND PLANS

None

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

1 CSI Card
3 NOAA Forms 76-86
1 NOAA Form 76-102a
3 NOAA Forms 76-19
2 NOAA Forms 76-135
2 NOAA Forms 76-63
7 NOAA Forms 75-82A

NOAA FORM 76-36C
(3-72)

*U.S. GOVERNMENT PRINTING OFFICE:1977-765-092

NOAA FORM 76-36D
(3-72)

U. S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION

TP-01289

RECORD OF SURVEY USE

I. MANUSCRIPT COPIES

COMPILATION STAGES			DATE MANUSCRIPT FORWARDED	
DATA COMPILED	DATE	REMARKS	MARINE CHARTS	HYDRO SUPPORT
Compilation Complete	Aug. 1987	Class III Manuscript		
Final Reviewed	Feb. 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
2			Charted landmarks and aids to navigation forms

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

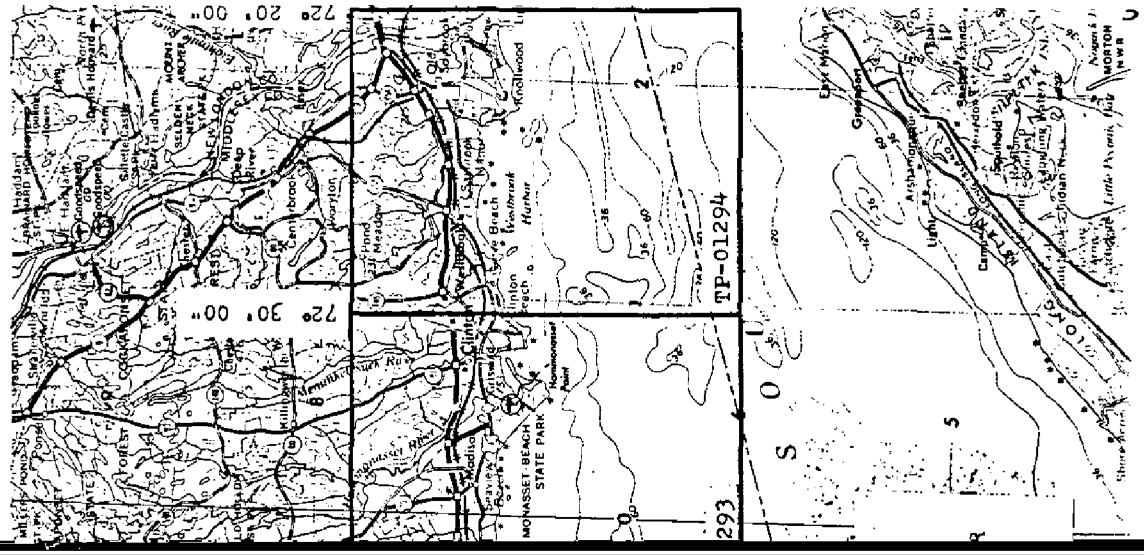
III. FEDERAL RECORDS CENTER DATA

1. ☒ BRIDGING PHOTOGRAPHS; ☒ DUPLICATE BRIDGING REPORT; 76-40 ☒ COMPUTER READOUTS.
2. ☒ CONTROL STATION IDENTIFICATION CARDS; ☐ FORM NOS ~~557~~ 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)*

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

☆ U.S. GPO: 1977-765-092/1106 Region 6



[redacted]

SUMMARY TO ACCOMPANY
DESCRIPTIVE REPORT

TP-01289

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 August 1987.

Final review was performed at the Atlantic Marine Center in February 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

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

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

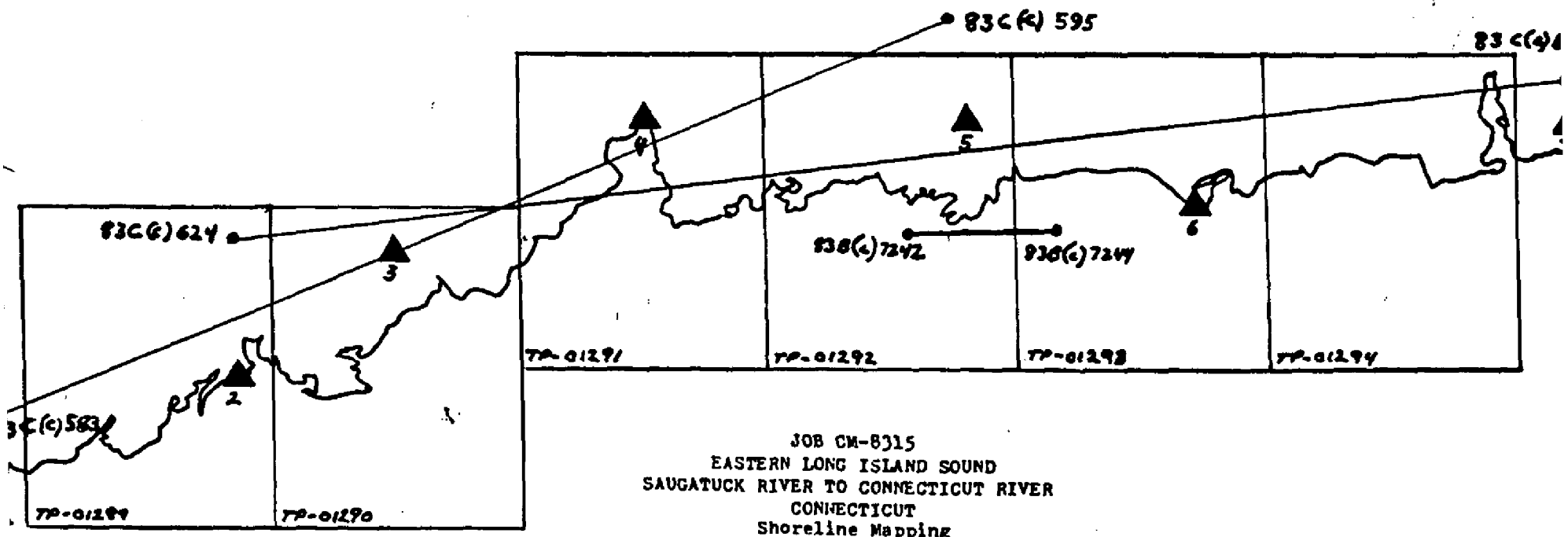
■	Tie from Strip #50-1		242801	-0.1	-0.7
	" " " "		242802	-1.7	+0.6
	" " " "		242803	-1.8	+0.5
■	" " " "		243801	+0.5	+1.5
	" " " "		243802	-0.5	+1.5
	" " " "		243803	+0.7	+3.0
	Guilford Cong Church Spire 1933		616100	-0.8	+1.2
	" " " " "	Sub Pt 5A	616101	-0.7	+2.3
	" " " " "	Sub Pt 5B	616102	+0.4	+1.4
	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

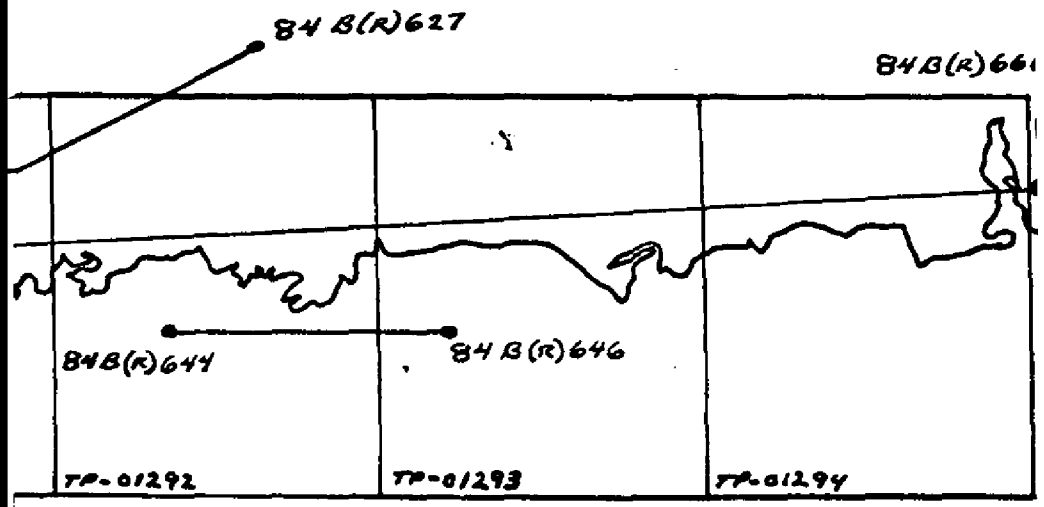
HORIZONTAL CONTROL

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



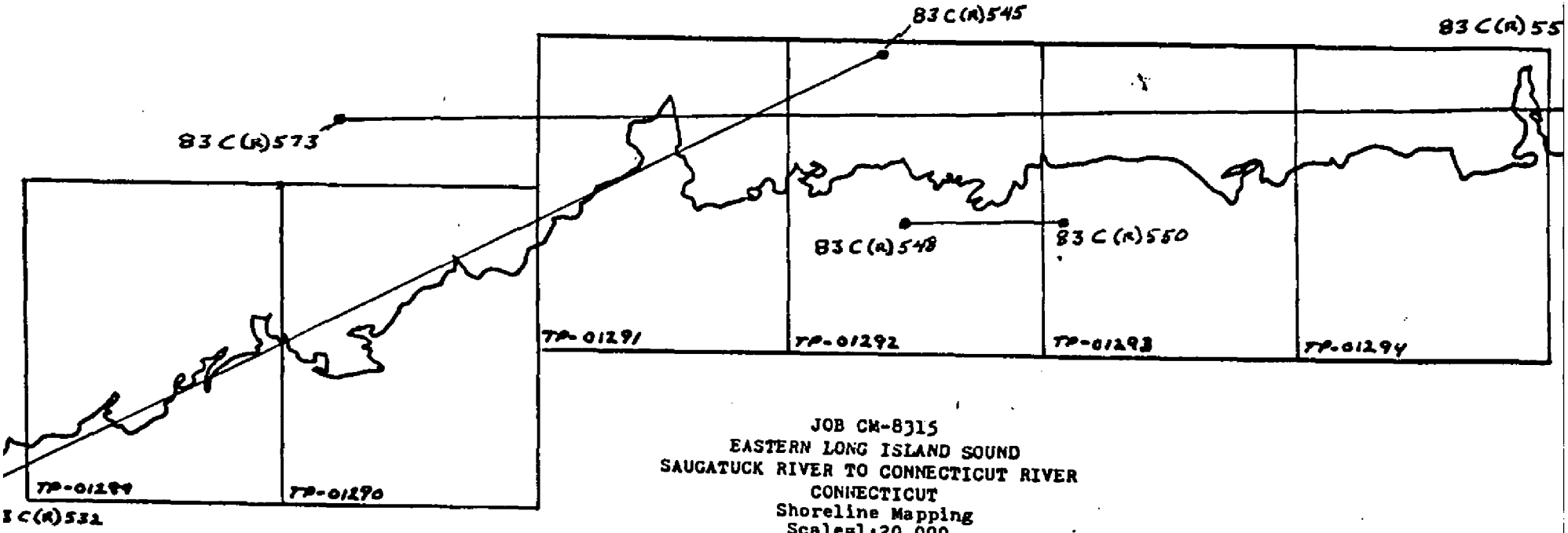
JOB CM-8315
EASTERN LONG ISLAND SOUND
SAUGATUCK RIVER TO CONNECTICUT RIVER
CONNECTICUT
Shoreline Mapping
Scale=1:20,000

MHW
1:50,000



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

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

	Ratio Value
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

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

NOAA FORM 76-41
(6-75)

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION

DESCRIPTIVE REPORT CONTROL RECORD

MAP NO.	JOB NO.	GEODETIC DATUM	ORIGINATING ACTIVITY
TP-01289	CM-8315	N.A. 1927	Coastal Mapping Unit, AMC, Norfolk, VA

STATION NAME	SOURCE OF INFORMATION (Index)	AEROTRIANGULATION POINT NUMBER	COORDINATES IN FEET STATE Connecticut ZONE Connecticut	GEOGRAPHIC POSITION φ LATITUDE λ LONGITUDE	REMARKS
PENFIELD REEF LIGHTHOUSE, 1882	Quad 410732 Sta 1135	41	x=	φ 41° 07' 01.164"	
			y=	λ 73° 13' 21.122"	
BLACK ROCK LIGHTHOUSE, 1833	Quad 410732 Sta 1019	42B	x=	φ 41° 08' 32.170"	
			y=	λ 73° 13' 04.205"	
SOUTHPORT INNER BEACON, 1882	Quad 410732 Sta 1163	40A	x=	φ 41° 07' 33.030"	
			y=	λ 73° 17' 15.550"	
FAIRFIELD BULLARD TANK, 1933	Quad 410732 Sta 1076	46	x=	φ 41° 09' 43.157"	
			y=	λ 73° 13' 54.084"	
SOUTHPORT OUTER BEACON, 1882	Quad 410732 Sta 1164	40B	x=	φ 41° 07' 18.440"	
			y=	λ 73° 17' 15.820"	
			x=	φ	
			y=	λ	
			x=	φ	
			y=	λ	
			x=	φ	
			y=	λ	
			x=	φ	
			y=	λ	
			x=	φ	
			y=	λ	

COMPUTED BY	DATE	COMPUTATION CHECKED BY	DATE
LISTED BY R. R. Kravitz	DATE 6/17/87	LISTING CHECKED BY F. Mauldin	DATE 8/11/87
HAND PLOTTING BY	DATE	HAND PLOTTING CHECKED BY	DATE

SUPERSEDES NOAA FORM 76-41, 2-71 EDITION WHICH IS OBSOLETE.

COMPILATION REPORT

TP-01289

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 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 by 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

[redacted]

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 eighteen charted landmarks and eleven charted aids to navigation within the limits of this map. Among these, seventeen landmarks and eight 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:

Bridgeport, Connecticut; dated 1970; scale 1:24,000
Sherwood Point, Connecticut-New York; dated 1960, photorevised 1971; scale 1:24,000
Westport, Connecticut; dated 1960, photorevised 1971, photoinspected 1975; scale 1:24,000

47. COMPARISON WITH NAUTICAL CHARTS:

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

12363; 32nd edition; dated October 18, 1986; scale 1:80,000
12364; 25th edition; dated January 10, 1987; scale 1:40,000 SC
12368; 19th edition; dated August 30, 1986; scale 1:20,000
12369; 20th edition; dated March 2, 1985; scale 1:20,000

TP-01289

ITEMS TO BE APPLIED TO NAUTICAL CHARTS IMMEDIATELY:

None.

ITEMS TO BE CARRIED FORWARD:

None.

Submitted by:

Robert R. Kravitz
Cartographic Technician
August 7, 1987

Approved:

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

DEC 2 1987

GEOGRAPHIC NAMES

FINAL NAME SHEET

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

TP-01289

Alvord Beach
Amtrak (RR)
Ash Creek
Black Rock (locality)
Black Rock Harbor
Bridgeport
Bridgeport Harbor
Burial Hill Beach
Burr Creek
Cedar Creek
Cooks Point
East Bridgeport
Fairfield
Fairfield Beach
Fazerweather Island
Frost Point
Green Farms (locality)
Green Farms Brook
Grove Hill (locality)
Jennings Beach
Kensie Point
Long Island Sound
Mill River
Penfield Reef
Pequonnock River
Pine Creek
Pine Creek Point
Pleasure Beach
Sasco Brook
Sasco Hill Beach
Sherwood Point
Shoal Point
Southport
Southport Harbor
Steel Point
Tongue Point
Yellow Mill Channel

Approved:

Charles E. Harrington

Charles E. Harrington
Chief Geographer
Nautical Charting Division

REVIEW REPORT
SHORELINE

TP-01289

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, scale 1:24,000
Sherwood, Connecticut-New York, dated 1960, photorevised 1971, scale 1:24,000
Westport, Connecticut, dated 1960, photorevised 1971, scale 1:24,000.

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:

12363, 32nd edition, dated October 18, 1986, scale 1:80,000
12364, 25th edition, dated January 10, 1987, scale 1:40,000 S.C.
12368, 19th edition, dated August 30, 1986, scale 1:20,000
12369, 20th edition, dated March 2, 1985, scale 1:20,000.

TP-01289

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
February 12, 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

PROJECT: CM-8315

MAP NUMBER (Scale); Locality: TP-01289, 1:20,000; Saugatuck River to Connecticut River, Connecticut

GEODETIC 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).

FEATURE DESCRIPTION	NCD CC	GEOGRAPHIC POSITION (°-'-") LATITUDE	LONGITUDE	NCD Q.C.	DATE OF LOCATION
Southport Light 5	139	41 07 18.440	73 17 15.820	3	11-08-83
Southport Breakwater Light 12	139	41 07 33.030	73 17 15.550	3	11-08-83
Penfield Reef Light	139	41 07 01.164	73 13 21.122	3	11-08-83
Black Rock Harbor Channel Light 7	200	41 08 34.30	73 13 22.90	7	11-08-83
Black Rock Harbor Entrance Light 2A	200	41 08 13.20	73 13 04.20	7	11-08-83
Bridgeport East Breakwater Light 12A	200	41 09 17.0	73 10 38.0	7	11-08-83
Bridgeport Harbor Light 13A	200	41 09 23.80	73 10 49.00	7	11-08-83
Tongue Point Light 17	200	41 09 59.30	73 10 40.70	7	11-08-83
Spire	86	41 08 09.20	73 19 50.60	7	11-08-83
Spire	86	41 07 59.80	73 17 16.80	7	11-08-83
Stack	86	41 08 26.50	73 16 14.90	7	11-08-83
Spire	86	41 08 32.20	73 15 02.80	7	11-08-83
Tower (Aban. LH)	139	41 08 32.170	73 13 04.205	3	11-08-83
Tank	139	41 09 43.157	73 13 54.084	3	11-08-83
Stack	86	41 09 34.40	73 12 51.60	7	11-08-83

Listing approved by: Lowell W. Nelson
FINAL REVIEWER

June 27, 1989
DATE

CHARTED LANDMARKS AND NONFLOATING AIDS TO NAVIGATION LISTING
CM-8312

TP-01289

FEATURE DESCRIPTION	NCD CC	GEOGRAPHIC POSITION (°-'-") LATITUDE	LONGITUDE	NCD Q.C.	DATE OF LOCATION
Stack	86	41 09 48.30	73 12 17.40	7	11-08-83
Tank	86	41 09 48.70	73 12 16.20	7	11-08-83
White Spire	86	41 10 24.90	73 11 54.70	7	11-08-83
Tallest Spire	86	41 10 48.10	73 11 45.20	7	11-08-83
Stack (S of 3)	86	41 10 14.214	73 11 04.648	4	11-08-83
Stack (Middle of 3)	86	41 10 15.60	73 11 06.10	7	11-08-83
Stack (N of 3)	86	41 10 16.40	73 11 06.70	7	11-08-83
Stack	86	41 10 23.80	73 10 32.50	7	11-08-83
Stack	86	41 11 09.90	73 10 19.60	7	11-08-83
RTR	86	41 12 40.60	73 11 28.80	7	11-08-83
Tank	993	41 11 13.128	73 11 27.484	4	11-08-83

Listing approved by: Lowell A. Peterson
FINAL REVIEWER

June 27, 1988
DATE

FORM C&GS-8352
(3-20-63)

NAUTICAL CHART DIVISION

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.*

CHART	DATE	CARTOGRAPHER	REMARKS
			Full Part Before After Verification Review Inspection Signed Via
			Drawing No.
			Full Part Before After Verification Review Inspection Signed Via
			Drawing No.
			Full Part Before After Verification Review Inspection Signed Via
			Drawing No.
			Full Part Before After Verification Review Inspection Signed Via
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