

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

<i>Map No.</i> TP-01289	<i>Edition No.</i> 1
<i>Job No.</i> CM-8315	
<i>Map Classification</i> CLASS III (FINAL)	
<i>Type of Survey</i> SHORELINE	
LOCALITY	
<i>State</i> CONNECTICUT	
<i>General Locality</i> SAUGATUCK RIVER TO CONNECTICUT RIVER	
<i>Locality</i> FAIRFIELD	
1983 TO 1984	
REGISTERED IN ARCHIVES	
DATE	

NOAA FORM 76-36A (3-72)		U. S. DEPARTMENT OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMIN.	
DESCRIPTIVE REPORT - DATA RECORD		TYPE OF SURVEY ☒ ORIGINAL ☐ RESURVEY ☐ REVISED	
PHOTOGRAMMETRIC OFFICE Coastal Mapping Unit Atlantic Marine Center, Norfolk, VA OFFICER-IN-CHARGE C. Dale North, Jr.		SURVEY TP. <u>01289</u> MAP EDITION NO. <u>(1)</u> MAP CLASS <u>III Final</u> JOB <u>CM-8315</u> LAST PRECEDING 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 Compilation April 15, 1987		Control February 15, 1984	
II. DATUMS			
1. HORIZONTAL: ☒ 1927 NORTH AMERICAN		OTHER (Specify)	
2. VERTICAL: ☒ MEAN HIGH-WATER ☒ MEAN LOW-WATER ☐ MEAN LOWER LOW-WATER ☐ MEAN SEA LEVEL		OTHER (Specify)	
3. MAP PROJECTION Lambert Conformal Projection		4. GRID(S) STATE ZONE Connecticut Connecticut	
5. SCALE 1:20,000		STATE ZONE	
III. HISTORY OF OFFICE OPERATIONS			
OPERATIONS		NAME	DATE
1. AEROTRIANGULATION BY METHOD: Analytic LANDMARKS AND AIDS BY		B. Thornton	Oct. 1985
2. CONTROL AND BRIDGE POINTS PLOTTED BY METHOD: Xynetics 1201 CHECKED BY		F. Mauldin	Dec. 1986
3. STEREOSCOPIC INSTRUMENT PLANIMETRY BY COMPILATION CHECKED BY INSTRUMENT: Wild B-8 CONTOURS BY SCALE: 1:20,000 CHECKED BY		R. Kravitz F. Mauldin N.A. N.A.	July 1987 July 1987
4. MANUSCRIPT DELINEATION PLANIMETRY BY CHECKED BY METHOD: Smooth Drafted CONTOURS BY CHECKED BY SCALE: 1:20,000 HYDRO SUPPORT DATA BY CHECKED BY		R. Kravitz F. Mauldin N.A. N.A. R. Kravitz F. Mauldin	Aug. 1987 Aug. 1987 Aug. 1987 Aug. 1987
5. OFFICE INSPECTION PRIOR TO Final Review BY		F. Mauldin	Aug. 1987
6. APPLICATION OF FIELD EDIT DATA BY CHECKED BY		N.A. 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. Eickhoff	Dec. 1988

NOAA FORM 76-36B (3-72)		TP-01289 COMPILATION SOURCES				U. S. DEPARTMENT OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION NATIONAL OCEAN SURVEY				
1. COMPILATION PHOTOGRAPHY										
CAMERA(S) Wild RC 10 (B) (B = 152.74mm) Wild RC 10 (C) (C = 88.46mm)		TYPES OF PHOTOGRAPHY LEGEND (C) COLOR (P) PANCHROMATIC (I) INFRARED		TIME REFERENCE <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width: 50%;">ZONE Eastern</td> <td style="width: 50%;">☒ STANDARD</td> </tr> <tr> <td>MERIDIAN 75th</td> <td>☐ DAYLIGHT</td> </tr> </table>			ZONE Eastern	☒ STANDARD	MERIDIAN 75th	☐ DAYLIGHT
ZONE Eastern	☒ STANDARD									
MERIDIAN 75th	☐ DAYLIGHT									
TIDE STAGE REFERENCE ☐ PREDICTED TIDES ☒ REFERENCE STATION RECORDS ☐ TIDE CONTROLLED PHOTOGRAPHY										
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 OR MEAN LOWER 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							
No Survey	TP-01290	No Survey	CM-8312 TP-01268							
REMARKS 										

TP-01289

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	
		ESTABLISHED BY		N.A.	
		PRE-MARKED OR IDENTIFIED BY		C. Middleton	
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 (<i>Triangulation Stations</i>) BY		N.A.	
		LOCATED (<i>Field Methods</i>) BY		N.A.	
		IDENTIFIED BY		N.A.	
5. GEOGRAPHIC NAMES INVESTIGATION		TYPE OF INVESTIGATION			
		☐ COMPLETE			
		☐ SPECIFIC NAMES ONLY BY			
		☒ 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			2. VERTICAL CONTROL IDENTIFIED		
Photoidentified			None		
PHOTO NUMBER	STATION NAME		PHOTO NUMBER	STATION DESIGNATION	
83C(C)0587	WICC SOUTH RADIO TOWER, 1933 (3 subpoints identified)				
3. PHOTO NUMBERS (<i>Clarification of details</i>)					
None					
4. LANDMARKS AND AIDS TO NAVIGATION IDENTIFIED					
None					
PHOTO NUMBER	OBJECT NAME		PHOTO NUMBER	OBJECT NAME	
5. GEOGRAPHIC NAMES: ☐ REPORT ☒ NONE			6. BOUNDARY AND LIMITS: ☐ REPORT ☒ NONE		
7. SUPPLEMENTAL MAPS AND PLANS					
None					
8. OTHER FIELD RECORDS (<i>Sketch books, etc. DO NOT list data submitted to the Geodesy Division</i>)					
1 CSI Card		2 NOAA Forms 76-135			
3 NOAA Forms 76-86		2 NOAA Forms 76-63			
1 NOAA Form 76-102a		7 NOAA Forms 75-82A			
3 NOAA Forms 76-19					

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

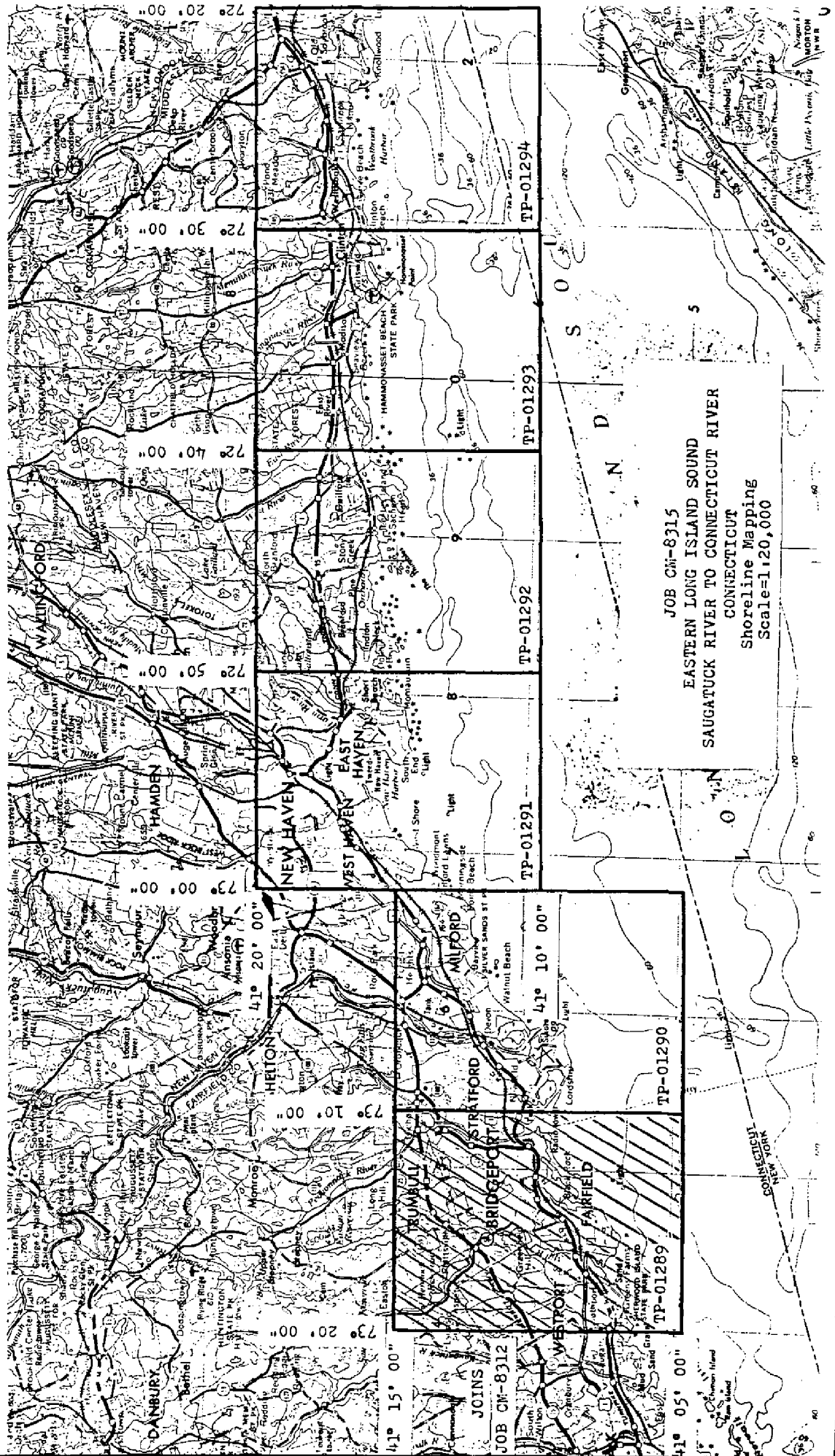
2. ☐ REPORT TO MARINE CHART DIVISION, COAST PILOT BRANCH. DATE FORWARDED: _____
3. ☐ REPORT TO AERONAUTICAL CHART DIVISION, AERONAUTICAL DATA SECTION. DATE FORWARDED: _____

III. FEDERAL RECORDS CENTER DATA

1. ☒ BRIDGING PHOTOGRAPHS; ☒ DUPLICATE BRIDGING REPORT; ☒ 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	



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 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.

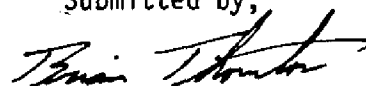
24. Supplemental Data

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

25. Photography

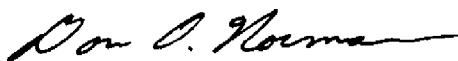
The coverage, overlap, and quality of the photographs were adequate for the job.

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

<u>STATION NAMES</u>	<u>POINT NO</u>	<u>VALUES IN FEET</u>	
		<u>X</u>	<u>Y</u>
▲ 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

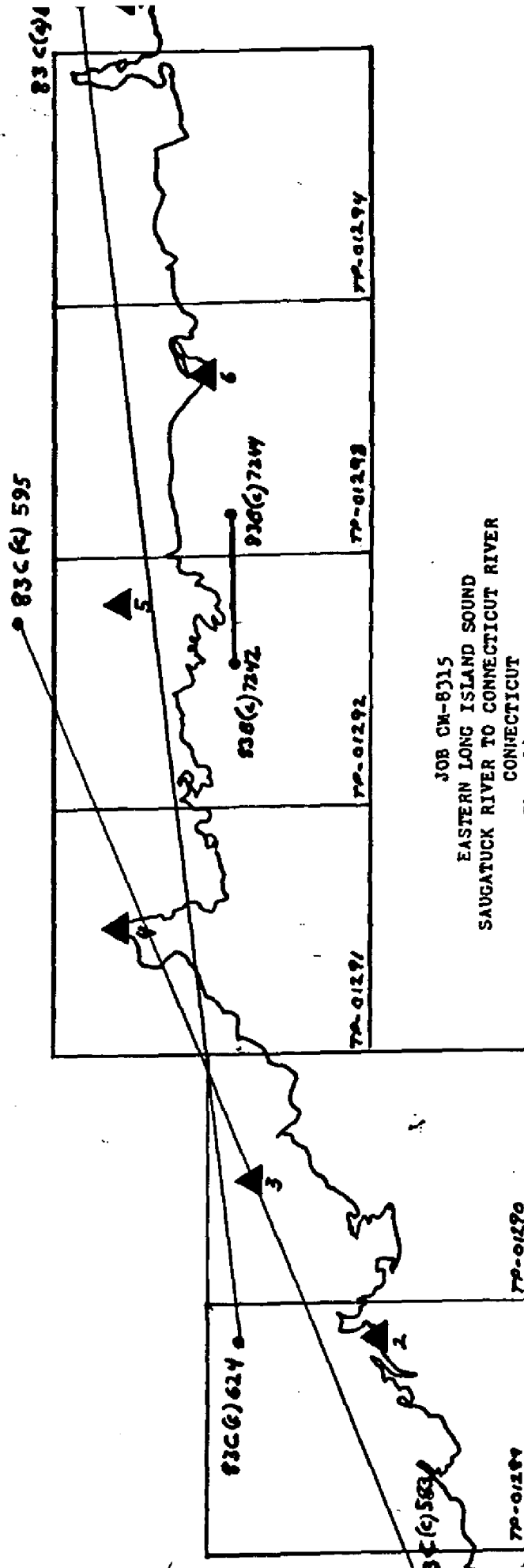
■ Tie from Strip #50-1	242801	-0.1	-0.7
" " " " "	242802	-1.7	+0.6
" " " " "	242803	-1.8	+0.5
■ " " " " "	243801	+0.5	+1.5
" " " " "	243802	-0.5	+1.5
" " " " "	243803	+0.7	+3.0
Guilford Cong Church Spire 1933	616100	-0.8	+1.2
" " " " " " Sub Pt 5A	616101	-0.7	+2.3
" " " " " " Sub Pt 5B	616102	+0.4	+1.4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

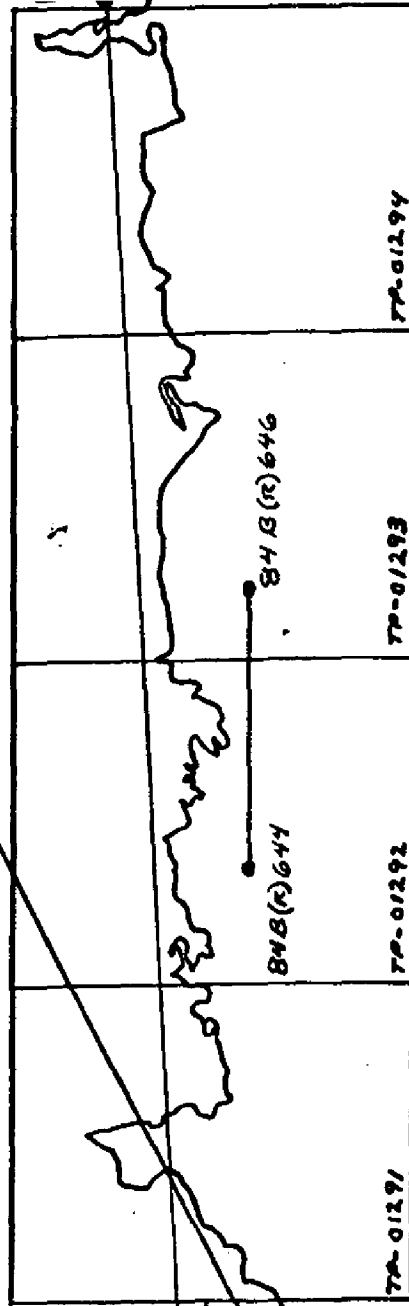
1. CEDAR 2, 1955
2. WICC SOUTH RADIO TOWER
3. MILFORD EPISCOPAL CHURCH SPIRE
4. KOPPERS NEW CROSS
5. GUILFORD CONG. CHURCH SPIRE, 1933
6. HAMMONASSET 3, 1932
7. LYME, 1934



MHW
1:50,000

84 B (R) 627

84 B (R) 661



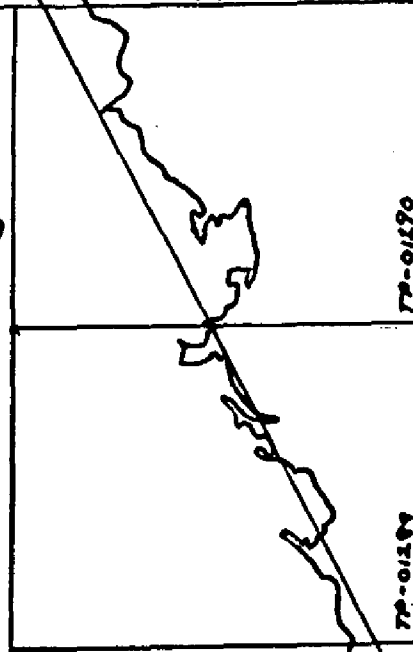
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TP-01293

TP-01294

84 B (R) 651



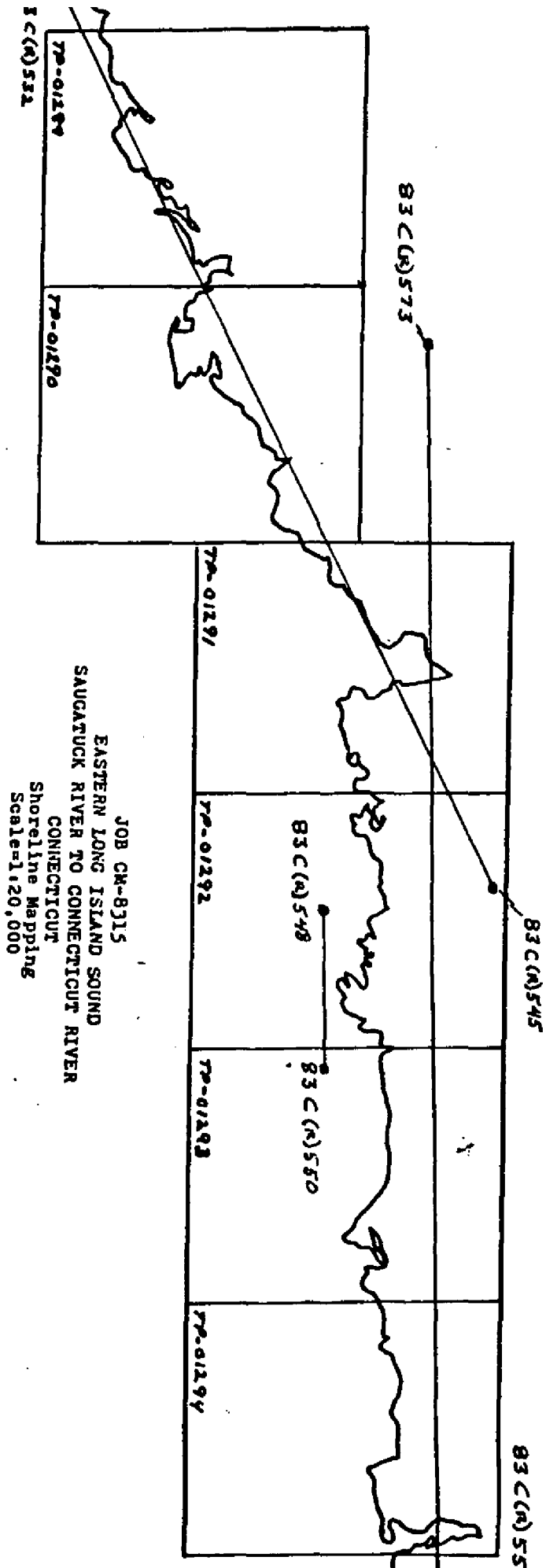
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84 B (R) 639

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

MLW
1:50,000



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

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 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 1:50,000 scale bridging/compilation 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 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

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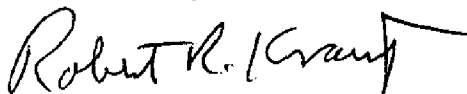
ITEMS TO BE APPLIED TO NAUTICAL CHARTS IMMEDIATELY:

None.

ITEMS TO BE CARRIED FORWARD:

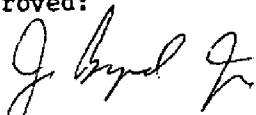
None.

Submitted by:



Robert R. Kravitz
Cartographic Technician
August 7, 1987

Approved:



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

GEOGRAPHIC NAMES

FINAL NAME SHEET

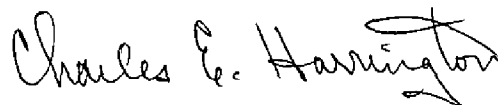
CM-8315 (Saugatuck River to Connecticut River, Connecticut)

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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
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:

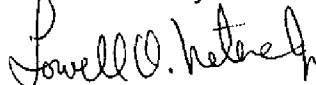
12363, 32nd edition, dated October 18, 1986, scale 1:80,000
12364, 25th edition, dated January 10, 1987, scale 1:40,000 S.C.
12368, 19th edition, dated August 30, 1986, scale 1:20,000
12369, 20th edition, dated March 2, 1985, scale 1:20,000.

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:

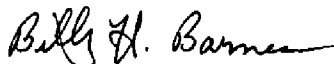


Lowell O. Neterer, Jr.

Final Reviewer

February 12, 1988

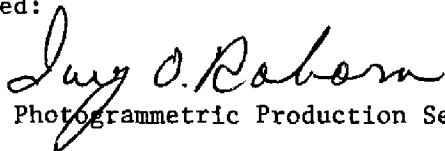
Approved for forwarding:



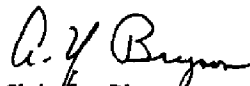
Billy H. Barnes

Chief, Quality Assurance Group, AMC

Approved:



Chief, Photogrammetric Production Sec.



Chief, Photogrammetry Branch

CHARTED LANDMARKS AND NONFLOATING AIDS TO NAVIGATION LISTING

PAGE 1 OF 2

PROJECT: CM-8315

MAP NUMBER (Scale); Locality: TP-01289, 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).

FEATURE DESCRIPTION	NCD CC	GEOGRAPHIC POSITION (°-'-")		NCD Q.C.	DATE OF LOCATION
LATITUDE	LONGITUDE				
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 D. White
FINAL REVIEWER

June 27, 1989
DATE

June 27, 1988
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]