

TP-01292

TP-01292

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-01292	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 SACHEM HEAD	
1983 TO 19	
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>01292</u> MAP EDITION NO. (1) MAP CLASS III Final JOB <u>RH-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: <u>Analytic</u> LANDMARKS AND AIDS BY		B. Thornton	Oct. 1985
2. CONTROL AND BRIDGE POINTS PLOTTED BY METHOD: <u>Xynerics 1201</u> CHECKED BY		F. Mauldin F. Mauldin	Dec. 1986 Dec. 1986
3. STEREOSCOPIC INSTRUMENT PLANIMETRY BY COMPILATION CHECKED BY INSTRUMENT: <u>Wild B-8</u> CONTOURS BY SCALE: <u>1:20,000</u> CHECKED BY		P. Evans F. Mauldin/R. Kravitz N.A. N.A.	Aug. 1987 Aug. 1987
4. MANUSCRIPT DELINEATION PLANIMETRY BY METHOD: <u>Smooth Drafted</u> CHECKED BY SCALE: <u>1:20,000</u> HYDRO SUPPORT DATA BY CHECKED BY		P. Evans F. Mauldin N.A. N.A. P. Evans F. Mauldin	Sept. 1987 Oct. 1987 Sept. 1987 Oct. 1987
5. OFFICE INSPECTION PRIOR TO Final Review BY		F. Mauldin	Oct. 1987
6. APPLICATION OF FIELD EDIT DATA BY		N.A.	
7. COMPILATION SECTION REVIEW <u>Class III</u> BY		N.A.	
8. FINAL REVIEW <u>Class III</u> BY		F. Mauldin	Oct. 1987
9. DATA FORWARDED TO PHOTOGRAMMETRIC BRANCH BY		L. O. Neterer, Jr.	May 1988
10. DATA EXAMINED IN PHOTOGRAMMETRIC BRANCH BY		L. O. Neterer, Jr.	June 1988
11. MAP REGISTERED - COASTAL SURVEY SECTION BY		P. Damprey J. Rikon	Aug 1988 Dec 1988

TP-01292

COMPILATION SOURCES

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	
TIDE STAGE REFERENCE ☐ PREDICTED TIDES ☒ REFERENCE STATION RECORDS ☐ TIDE CONTROLLED PHOTOGRAPHY				ZONE Eastern	☒ STANDARD
				MERIDIAN 75th	☐ DAYLIGHT
NUMBER AND TYPE	DATE	TIME	SCALE	STAGE OF TIDE	
83 C(C) 0615-0619	11-08-83	11:20	1:50,000	5.67 ft. above MLW	
83 B(C) 7243-7244	10-30-83	10:50	1:50,000	0.85 ft. above MLW	
83 C(I) 0565-0567	11-01-83	13:55	1:50,000	0.36 ft. below MLW	
83 C(I) 0548-0550	11-01-83	13:27	1:50,000	0.20 ft. below MLW	
84 B(I) 0644-0649	06-27-84	09:11	1:50,000	0.39 ft. below MHW	
84 B(I) 0657-0659	06-27-84	09:27	1:50,000	0.29 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 MHW 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-01293	None	TP-01291

REMARKS

TP-01292

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 P. Walbolt	Apr. 1984
	ESTABLISHED BY N.A.	
	PRE-MARKED OR IDENTIFIED BY P. Walbolt	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 P. Walbolt	Apr. 1984
	LOCATED (Field Methods) BY N.A.	
	IDENTIFIED BY P. Walbolt	Apr. 1984
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

None

PHOTO NUMBER	STATION NAME	PHOTO NUMBER	STATION DESIGNATION
83C(C)0616	GUILFORD CONG CHURCH SPIRE, 1933		

3. PHOTO NUMBERS (Clarification of details)

None

4. LANDMARKS AND AIDS TO NAVIGATION IDENTIFIED

PHOTO NUMBER	OBJECT NAME	PHOTO NUMBER	OBJECT NAME
83C(C)0616	GUILFORD CONG CHURCH SPIRE, 1933 (Ldmk)		

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

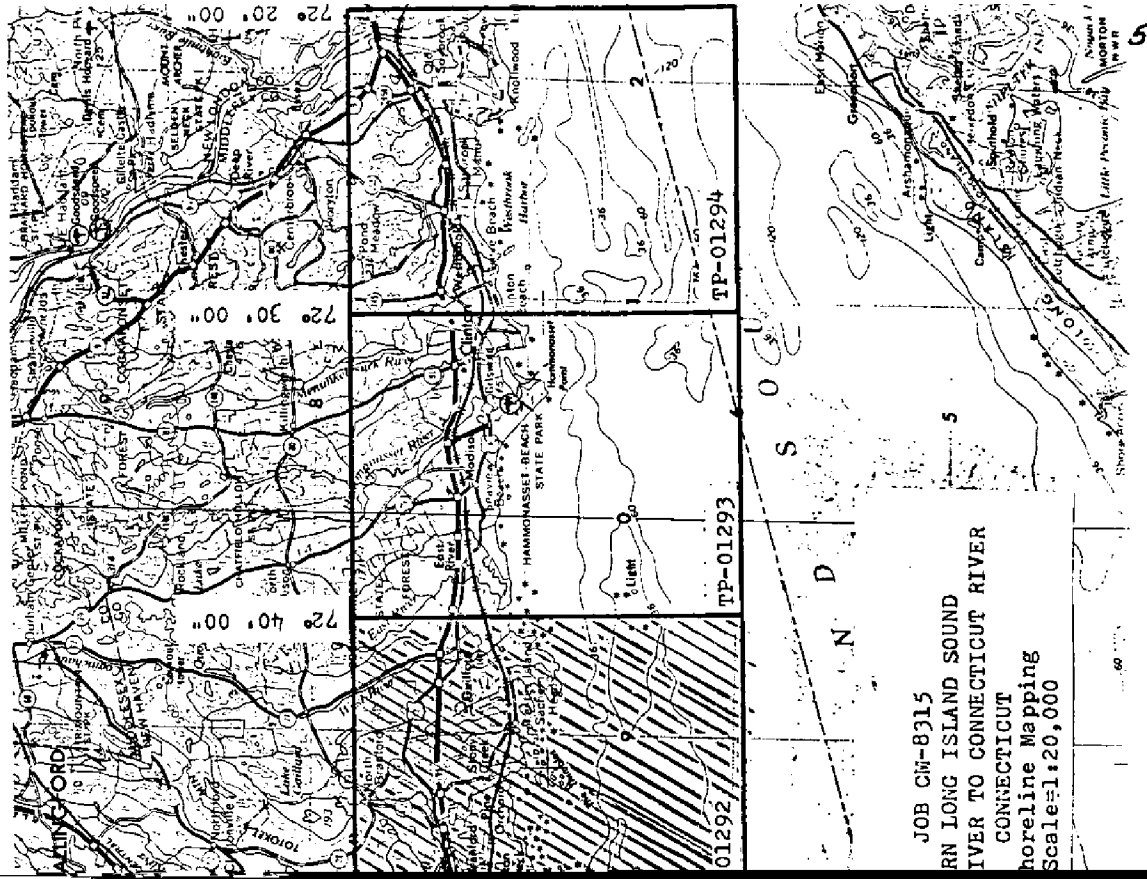
7. SUPPLEMENTAL MAPS AND PLANS

None

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

1 C&GS Form 152 1 NOAA Form 75-63
 1 NOAA Form 76-102A
 3 C&GS Forms 470

NOAA FORM 76-36D (3-72)		U. S. DEPARTMENT OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION		
TP-01292 RECORD OF SURVEY USE				
I. MANUSCRIPT COPIES				
COMPILATION STAGES			DATE MANUSCRIPT FORWARDED	
DATA COMPILED	DATE	REMARKS	MARINE CHARTS	HYDRO SUPPORT
Compilation Complete	Oct. 1987	Class III Manuscript		
Final Review	May 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 76-40 567 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-01292

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 October 1987.

Final review was performed at the Atlantic Marine Center in May 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.

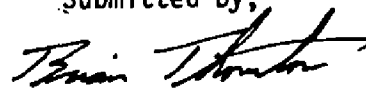
24. Supplemental Data

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

25. Photography

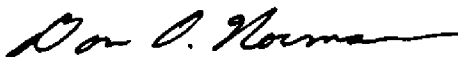
The coverage, overlap, and quality of the photographs were adequate for the job.

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

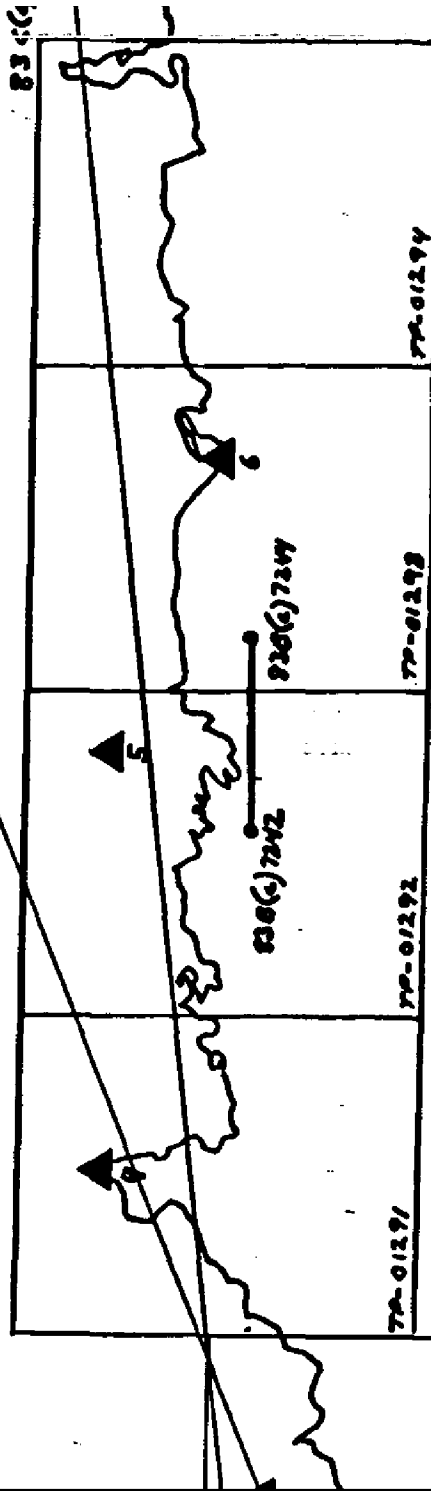
HORIZONTAL CONTROL

- 4. KOPPERS NEW CROSS
- 5. GUILFORD CONG. CHURCH SPIRE, 1933
- 6. HAMMONASSET 3, 1932
- 7. LYME, 1934

DIO TOWER

OPAL CHURCH SPIRE

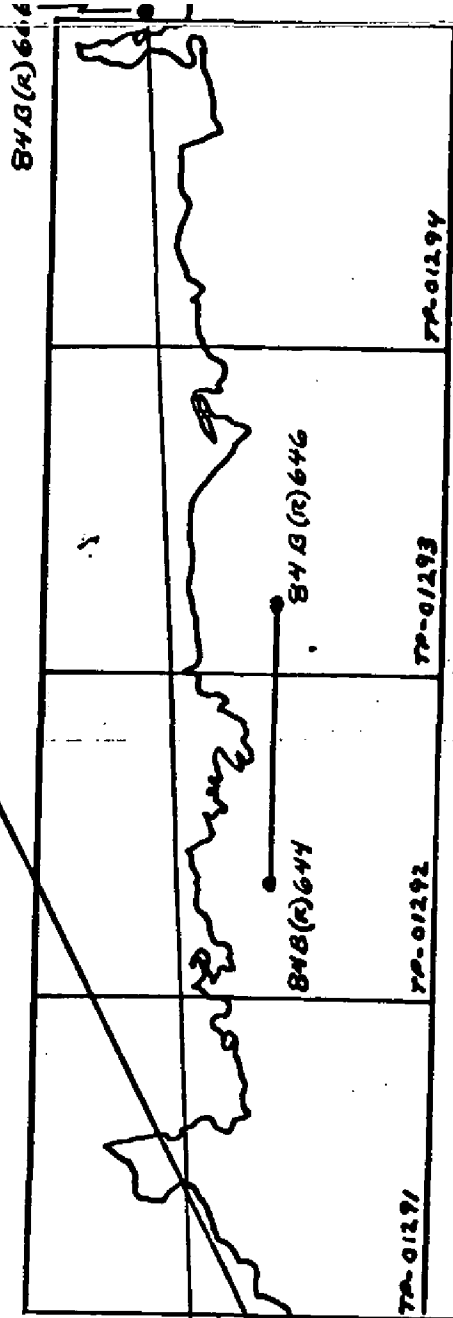
83C(4) 595



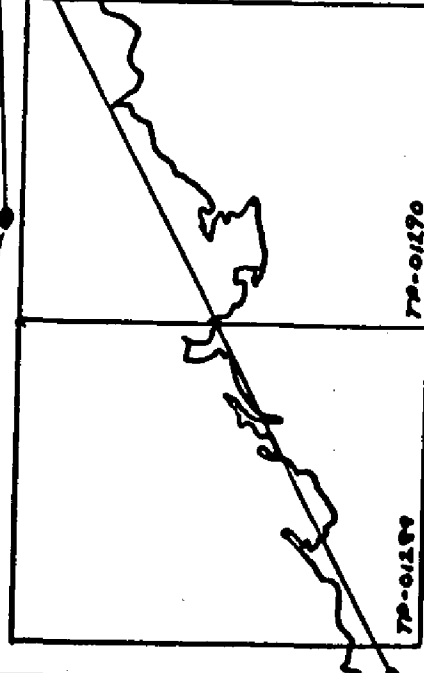
JOB CM-8315
EASTERN LONG ISLAND SOUND
SAUGATUCK RIVER TO CONNECTICUT RIVER
CONNECTICUT
Shoreline Mapping
Scale=1:20,000

MHW
1:50,000

84 B(R) 627



84 B(R) 651



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

4 B(R) 639

MLW
1:50,000

83 C (A) 573

83 C (A) 545

83 C (A) 550

83 C (A) 540

79-01291

79-01292

79-01293

79-01294

83 C (A) 573

79-01294

79-01290

C (A) 532

JOB CM-8315
EASTERN LONG ISLAND SOUND
SAUCATUCK 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
-------------------	-------

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	
					N.A. 1927 COORDINATES IN FEET STATE <u>Connecticut</u> ZONE <u>Connecticut</u>	Unit, AMC, Norfolk, VA	Geographic Position ϕ LATITUDE λ LONGITUDE	Coastal Mapping
TP-01292	CM-8315	GUILFORD CONG CHURCH SPIRE, 1933	QUAD 410723 STA 1072	177A 616100	X=	ϕ 41° 17' 03.394"	REMARKS	
					Y=	λ 72° 40' 57.358"		
GUILFORD EPIS CHURCH TOWER, 1933	QUAD 410723 STA 1073	177B	X=	ϕ 41° 16' 56.730"				
			Y=	λ 72° 40' 51.930"				
			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				
			X=	ϕ				
			Y=	λ				
			X=	ϕ				
			Y=	λ				
COMPUTED BY					COMPUTATION CHECKED BY	DATE		
LISTED BY	P. L. Evans				LISTING CHECKED BY	DATE		
HAND PLOTTING BY					F. Mauldin HAND PLOTTING CHECKED BY	DATE 9/28/87		

COMPILATION REPORT

TP-01292

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:

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 nine charted landmarks and nine charted aids to navigation within the limits of this map. Among these, four landmarks and three 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:

Branford, Connecticut; dated 1967, photorevised 1972; scale 1:24,000

Guilford, Connecticut; dated 1968, photorevised 1972; scale

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
- 12372; 23rd edition; dated April 5, 1986; scale 1:40,000 SC
- 12373; 12th edition; dated May 23, 1981; scale 1:20,000

TP-01292

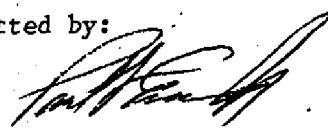
ITEMS TO BE APPLIED TO NAUTICAL CHARTS IMMEDIATELY:

None.

ITEMS TO BE CARRIED FORWARD:

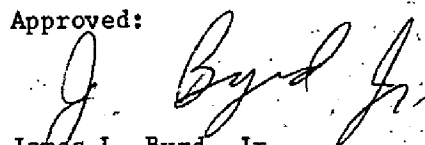
None.

Submitted by:



Paul L. Evans, Jr.
Cartographic Technician
September 23, 1987

Approved:



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

GEOGRAPHIC NAMES

FINAL NAME SHEET

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

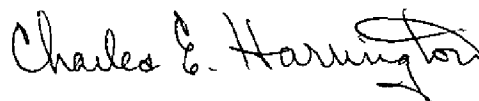
TP-01292

Amtrak (RR)	Guilford Station
Andrews Island	Harrison Point
Bear Island	Hatch Rock
Beers Island	Haycock Point
Belden Island	Hen Island
Bernays Reef	High Island
Big Indian (rock)	Hoadly Neck
Bishop Rock	Hoadly Point
Blackstone Rocks	Hookers Rock
Blyn Rock	Horse Island (1)
Branford	Horse Island (2)
Branford Harbor	Hotchkiss Grove Beach
Branford Point	Indian Cove
Branford River	Indian Neck
Branford Supply Ponds	Indian Neck (locality)
Brown Point	Indian Neck Point
Browns Reef	Inner Reef
Burr Island	Inner White Top
Cat Island	Island Bay
Cedar Island	Jefferson Rock
Chaffinch Island	Jeffrey Point
Clam Island	Jeffrey Rock
Clark Point	Johnson Island
Commander Rocks	Joshua Cove
Cut in Two Island	Joshua Point
Davis Island	Juniper Point
Demijohn Rock	Lamphier Cove
Dick Rocks	Leetes Island
Dogfish Island	Lewis Island
East Crib	Limewood Beach
East Stooping Bush Island	Linden Point
Emery Pond	Lindsay Cove
Flying Point	Little Harbor
Foot Rocks	Lobster Rock
Foskett Island	Long Island Sound
Frisbie Island	Lovers Island
Goose Island	Maltby Cove
Goose Rocks	Marine Island
Governor Island	Middle Rock
Green Island (1)	Money Island
Green Island (2)	Moon Rock
Griffins Pond	Mulberry Point
Guilford	Narrows Island
Guilford Harbor	North Rocks
Guilford Point	

Northford Rock
Outer Island
Outer Thimble
Outer White Top
Pine Orchard (locality)
Pleasant Point
Pork Rocks
Pot Island
Potato Island
Red Point Rocks
Rogers Island
Sachem Head
Sachem Head (locality)
Sachem Head Harbor
Saint Helena Island
Sedge Island
Smith Island

Spectacle Island
Squaw Rocks
Stony Creek (locality)
Sumac Island
Talmages Ice Pond
Taunton Rock
Thimbles, The
Town Millpond
Tuttles Point
Vineyard Point
Wards Millpond
Wayland Island
West Crib
West River
Wheeler Island
Youngs Pond

Approved:



Charles E. Harrington
Chief Geographer
Nautical Charting Division

REVIEW REPORT
SHORELINE

TP-01292

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:

Branford, Connecticut, dated 1967, photorevised 1972
Guilford, Connecticut, dated 1968, photorevised 1972,
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
12372, 23rd edition, dated April 5, 1986, scale 1:40,000 S.C.
12373, 12th edition, dated May 23, 1981, scale 1:20,000

TP-01292

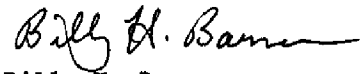
66. ADEQUACY OF RESULTS AND FUTURE SURVEYS:

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

Submitted by:

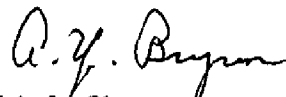

Lowell O. Neterer, Jr.
Final Reviewer
May 1988

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-01292, 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).

<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>		
Church Spire	86	41 16 51.90	72 48 40.60	7	11-08-83
House Chimney	86	41 14 29.60	72 45 37.70	7	11-08-83
Church Spire	139	41 17 03.394	72 40 57.358	3	11-08-83
Flag Pole	86	41 15 53.60	72 46 22.50	7	11-08-83
Branford Reef Light	200	41 13 16.3	72 48 20.6	7	11-08-83
Big Mermaid Light 7	200	41 15 22.8	72 49 41.8	7	11-08-83
Pine Orchard					
Range Front Light	208	41 15 44.1	72 46 16.5	7	11-08-83

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.