

TP-01267

TP-01267

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-01267	Edition No. 1
Job No. CM-8312	
Map Classification CLASS III FINAL	
Type of Survey SHORELINE	
LOCALITY	
State NEW YORK - CONNECTICUT	
General Locality THROGS NECK, NY TO SAUGATUCK RIVER, CT	
Locality CAPTAIN HARBOR	
1984 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 <input checked="" type="checkbox"/> ORIGINAL <input type="checkbox"/> RESURVEY <input type="checkbox"/> REVISED	
PHOTOGRAMMETRIC OFFICE Coastal Mapping Unit, AMC, Norfolk, VA		SURVEY TP. <u>01267</u> MAP EDITION NO. <u>(1)</u> MAP CLASS <u>final III</u> JOB <u>CM 8312</u> <u>RK</u>	
OFFICER-IN-CHARGE C. Dale North, Jr., CDR		LAST PRECEDING MAP EDITION TYPE OF SURVEY <input type="checkbox"/> ORIGINAL <input type="checkbox"/> RESURVEY <input type="checkbox"/> REVISED JOB PH. _____ MAP CLASS _____ SURVEY DATES: 19__ TO 19__	
I. INSTRUCTIONS DATED			
1. OFFICE		2. FIELD	
Compilation March 26, 1987		Control July 31, 1984	
II. DATUMS			
1. HORIZONTAL: <input checked="" type="checkbox"/> 1927 NORTH AMERICAN		OTHER (Specify)	
2. VERTICAL: <input type="checkbox"/> MEAN HIGH-WATER <input checked="" type="checkbox"/> MEAN LOW-WATER <input type="checkbox"/> MEAN LOWER LOW-WATER <input type="checkbox"/> MEAN SEA LEVEL		OTHER (Specify)	
3. MAP PROJECTION Lambert Conformal Projection		4. GRID(S) STATE New York ZONE Long Island	
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	Feb 1987
2. CONTROL AND BRIDGE POINTS xynetics 120d LOTTED BY METHOD: via magnetic tape transfer CHECKED BY		D. Norman F. Mauldin F. Mauldin	Feb 1987 Mar 1987 Mar 1987
3. STEREOSCOPIC INSTRUMENT PLANIMETRY BY COMPILATION CHECKED BY INSTRUMENT: Wild B-8 CONTOURS BY SCALE: 1:20,000 CHECKED BY		P. Evans F. Mauldin NA NA	Apr 1987 Apr 1987
4. MANUSCRIPT DELINEATION PLANIMETRY BY CHECKED BY METHOD: smooth drafted CONTOURS BY SCALE: 1:20,000 CHECKED BY HYDRO SUPPORT DATA BY		P. Evans R. Kravitz/F. Mauldin NA NA P. Evans R. Kravitz	Jun 1987 Jul 1987
5. OFFICE INSPECTION PRIOR TO FINAL final review BY		R. Kravitz/F. Mauldin	Jul 1987
6. APPLICATION OF FIELD EDIT DATA BY CHECKED BY		NA NA	
7. COMPILATION SECTION REVIEW Class III BY		R. Kravitz/F. Mauldin	Jul 1987
8. FINAL REVIEW Class III BY		L.O. Neterer, Jr.	Jul 1987
9. DATA FORWARDED TO PHOTOGRAMMETRIC BRANCH BY		L.O. Neterer, Jr.	Sept. 1987
10. DATA EXAMINED IN PHOTOGRAMMETRIC BRANCH BY		P. Dempsey	Nov. 1987
11. MAP REGISTERED - COASTAL SURVEY SECTION BY		E.L. DAUGHERY	NOV 87

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

TP-01267

COMPILATION SOURCES

1. COMPILATION PHOTOGRAPHY

CAMERA(S) Wild RC10(Z) (Z=153.15mm) Wild RC10(C) (C=88.46mm)		TYPES OF PHOTOGRAPHY LEGEND (C) COLOR (P) PANCHROMATIC (I) INFRARED		TIME REFERENCE ZONE Eastern MERIDIAN 75th	
TIDE STAGE REFERENCE <input checked="" type="checkbox"/> PREDICTED TIDES <input type="checkbox"/> REFERENCE STATION RECORDS <input type="checkbox"/> TIDE CONTROLLED PHOTOGRAPHY				<input checked="" type="checkbox"/> STANDARD <input type="checkbox"/> DAYLIGHT	
NUMBER AND TYPE	DATE	TIME	SCALE	STAGE OF TIDE	
84Z(C) 5298-5302	6/21/84	10:29	1:50,000	1.0 ft above MLLW	
84C(I) 5950-5953	6/27/84	15:47	1:50,000	0.5 ft above MLLW	
84C(I) 5870-5873	6/27/84	09:16	1:50,000	6.4 ft above MLLW	
				Mean Ride Range 7.1 ft	

REMARKS Stage of tide for all photographs was based on predicted tide data using Eatons Neck Point gage.

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 were used to assist in the interpretation of the mean high water 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 photographs.

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 no Survey	EAST TP-01268, TP-01271	SOUTH TP-01270	WEST TP-01266
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REMARKS

HISTORY OF FIELD OPERATIONS

I. ☒ FIELD INSPECTION OPERATION☐ FIELD EDIT OPERATION

OPERATION	NAME	DATE
1. CHIEF OF FIELD PARTY	J. Dunford	Nov 1985
2. HORIZONTAL CONTROL	RECOVERED BY NA	
	ESTABLISHED BY NA	
	PRE-MARKED OR IDENTIFIED BY NA	
3. VERTICAL CONTROL	RECOVERED BY NA	
	ESTABLISHED BY NA	
	PRE-MARKED OR IDENTIFIED BY NA	
4. LANDMARKS AND AIDS TO NAVIGATION	RECOVERED (Triangulation Stations) BY NA	
	LOCATED (Field Methods) BY NA	
	IDENTIFIED BY NA	
5. GEOGRAPHIC NAMES INVESTIGATION	TYPE OF INVESTIGATION	
	<input type="checkbox"/> COMPLETE	
	<input type="checkbox"/> SPECIFIC NAMES ONLY	
	<input checked="" type="checkbox"/> NO INVESTIGATION	
6. PHOTO INSPECTION	CLARIFICATION OF DETAILS BY NA	
7. BOUNDARIES AND LIMITS	SURVEYED OR IDENTIFIED BY NA	

II. SOURCE DATA

1. HORIZONTAL CONTROL IDENTIFIED

None

2. VERTICAL CONTROL IDENTIFIED

None

PHOTO NUMBER	STATION NAME	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 ☒ 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)

None

RECORD OF SURVEY USE

I. MANUSCRIPT COPIES

COMPILATION STAGES			DATE MANUSCRIPT FORWARDED	
DATA COMPILED	DATE	REMARKS	MARINE CHARTS	HYDRO SUPPORT
Compilation Complete	Jul 1987	Class III Manuscript		
Final Review	Jul 1987	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: _____

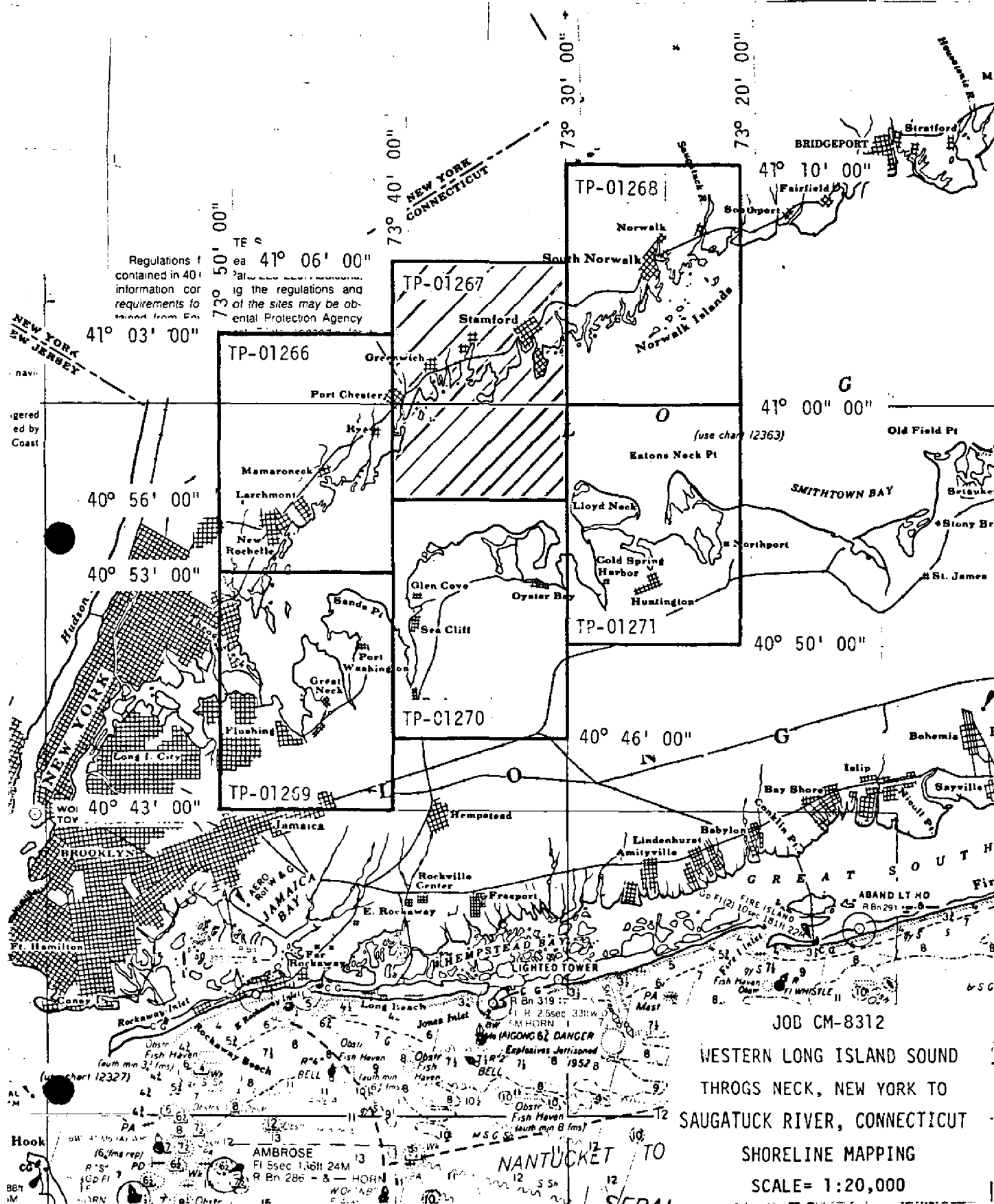
III. FEDERAL RECORDS CENTER DATA

1. ☒ BRIDGING PHOTOGRAPHS; ☒ DUPLICATE BRIDGING REPORT; ☒ COMPUTER READOUTS.
2. ☒ CONTROL STATION IDENTIFICATION CARDS; ☐ FORM NOS. 76-40 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 <input type="checkbox"/> REVISED <input type="checkbox"/> RESURVEY MAP CLASS <input type="checkbox"/> II. <input type="checkbox"/> III. <input type="checkbox"/> IV. <input type="checkbox"/> V. <input type="checkbox"/> FINAL
	DATE OF PHOTOGRAPHY	DATE OF FIELD EDIT	
THIRD EDITION	SURVEY NUMBER TP - _____ (3)	JOB NUMBER PH - _____	TYPE OF SURVEY <input type="checkbox"/> REVISED <input type="checkbox"/> RESURVEY MAP CLASS <input type="checkbox"/> II. <input type="checkbox"/> III. <input type="checkbox"/> IV. <input type="checkbox"/> V. <input type="checkbox"/> FINAL
	DATE OF PHOTOGRAPHY	DATE OF FIELD EDIT	
FOURTH EDITION	SURVEY NUMBER TP - _____ (4)	JOB NUMBER PH - _____	TYPE OF SURVEY <input type="checkbox"/> REVISED <input type="checkbox"/> RESURVEY MAP CLASS <input type="checkbox"/> II. <input type="checkbox"/> III. <input type="checkbox"/> IV. <input type="checkbox"/> V. <input type="checkbox"/> FINAL
	DATE OF PHOTOGRAPHY	DATE OF FIELD EDIT	



SUMMARY TO ACCOMPANY
DESCRIPTIVE REPORT

TP-01267

This 1:20,000 scale map is one of six maps at 1:20,000 scale in project CM-8312, Western Long Island Sound, Throgs Neck, New York, to Saugatuck River, Connecticut. The project extends from latitude 41° 10' 00" longitude 73° 20' 00" southwest to latitude 40° 43' 00" longitude 73° 51' 00".

Photographic coverage was provided in June 1984 with the "Z" camera (focal length 153.15 millimeters) using color film at 1:50,000 scale and the "C" camera (focal length 88.46 millimeters) using infrared film at 1:50,000 scale taken at mean high water and mean low water based on predicted tide data.

Field work prior to compilation was accomplished during November 1985. This consisted of photoidentification of horizontal control to satisfy aerotriangulation requirements.

Analytic aerotriangulation was adequately performed at the Washington Science Center in February 1987. 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 photography, in July 1987.

Final review was performed at the Atlantic Marine Center in July 1987.

A Chart Maintenance Print, for Marine Charts Branch, and Notes to the 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-8312
WESTERN LONG ISLAND SOUND

FEBRUARY 1987

21. AREA COVERED

This shoreline mapping project covers Western Long Island Sound Throgs Neck, New York to Saugatuck River, Connecticut. There are six 1:20,000-scale sheets that cover the job area, TP-01266 through TP-01271.

22. METHOD

Three strips of 1:50,000-scale photographs: 84-Z(C)5293 to 5306, 84-Z(C)5314 to 5326, 84-Z(C)5335 to 5345 were bridged by analytical aerotriangulation methods and adjusted to ground using field identified control. Office identified intersection stations were used as checks. The original film was used in place of film positives.

Tie points were used to ensure adequate junctions of all strips and were used as supplemental control.

Ratio values were determined for the mean high and low water infrared photographs and for the bridging/compilation photographs. A copy of the values is attached to this report.

A magnetic tape was generated with the bridged points based on the New York, Long Island Sound Coordinate System. These coordinates are referenced to the Lambert Conic Projection.

23. ADEQUACY OF CONTROL

The control for this project is adequate for the job and meets the National Ocean Service's requirements. A listing of closures to control is attached.

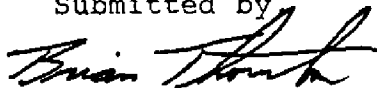
24. SUPPLEMENTAL DATA

USGS topographic quadrangles were used to obtain vertical control for bridging.

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>
△ Fairfield Dupont Stack	Sub Pt. A	294101	+ 1.1	+ 1.2
△ Fairfield Dupont Stack	Sub Pt. B	294102	- 1.3	- 1.2
Fairfield Dupont Stack	Sub Pt. C	294103	-11.9	-10.1
△ Judy	Sub Pt. A	296101	- 3.7	- 1.3
Judy	Sub Pt. B	296102	-34.1	+10.4
△ Ziegler	Sub Pt. A	298101	+ 4.1	0.0
Ziegler	Sub Pt. B	298102	0.0	+ 1.7
△ Ziegler	Sub Pt. C	298103	+ 3.7	+ 1.4
△ Nine	Sub Pt. A	303101	- 3.6	- 0.8
Nine	Sub Pt. B	303102	- 5.4	+ 0.3
△ Nine	Sub Pt. C	303103	- 4.0	+ 1.6
△ Hiscock	Sub Pt. A	306101	+ 2.9	- 1.4
△	Sub Pt. B	306102	+ 0.7	+ 0.5

STRIP #50-3

□ Tie from Strip #50-4		325801	- 1.9	- 2.6
Tie from Strip #50-4		325802	- 1.2	- 4.7
Tie from Strip #50-4		325803	- 4.4	- 8.8
Tie from Strip #50-4		325804	+15.7	- 4.0
□ Tie from Strip #50-4		323801	+ 0.5	+ 0.6
Tie from Strip #50-4		323802	+ 1.7	0.0
Tie from Strip #50-4		323803	0.0	- 2.3
□ Tie from Strip #50-4		324801	+ 1.7	+ 1.0
Tie from Strip #50-4		324802	- 1.1	+ 1.9
Tie from Strip #50-4		324803	0.0	- 0.6
Tie from Strip #50-4		322801	- 2.0	- 0.3
□ Tie from Strip #50-4		322802	- 2.0	+ 4.0
Tie from Strip #50-4		322803	- 1.4	- 2.6
□ Tie from Strip #50-4		321801	+ 1.8	- 1.1
Tie from Strip #50-4		321802	+ 1.1	- 3.5
Tie from Strip #50-4		321803	+ 0.9	- 3.0
□ Tie from Strip #50-4		320801	+ 1.4	+ 0.2
Tie from Strip #50-4		320802	- 0.5	+ 2.7
Tie from Strip #50-4		320803	+ 1.3	- 1.0
Tie from Strip #50-4		319801	+ 1.6	- 1.1
□ Tie from Strip #50-4		319802	- 0.8	- 1.2

2

Tie from Strip #50-4	319803	- 1.4	- 1.3
□ Tie from Strip #50-4	317801	- 2.2	- 2.3
Tie from Strip #50-4	317802	- 1.3	- 2.2
Tie from Strip #50-4	317803	- 1.6	- 2.4
Tie from Strip #50-1	344801	+ 3.5	- 3.4
Tie from Strip #50-1	344802	+ 3.1	- 3.9
Tie from Strip #50-1	344803	+ 2.6	- 4.5
Tie from Strip #50-4	315801	+ 1.1	+ 0.6
Tie from Strip #50-4	315802	+ 0.4	+ 4.8
Tie from Strip #50-4	315803	+ 1.7	+ 1.7
Circle #6	Sub Pt. 1 314101	+ 3.9	+ 2.9
□ Tie from Strip #50-4	Sub Pt. 2 314102	+ 1.3	+ 1.5
	316801	+ 1.2	+ 0.5
	316802	- 0.7	+ 2.8
	316803	+ 1.7	+ 4.9

STRIP #50-4

△ Circle #6	Sub Pt. 1 314101	+ 1.0	- 1.5
△ Circle #6	Sub Pt. 2 314102	- 0.2	0.0
△ Payne	Sub Pt. A 317101	- 0.6	+ 1.8
△	Sub Pt. B 317102	- 1.0	- 0.4
△ Tippet	Sub Pt. A 320101	+ 0.7	- 0.8
△	Sub Pt. B 320102	- 2.6	+ 3.7
△ Huntington Sta. W.T.	Sub Pt. A 323101	+ 3.9	- 2.6
△	Sub Pt. B 323102	+ 2.0	- 3.0
	Sub Pt. C 323103	+ 0.8	- 2.1
△ Fleet	Sub Pt. A 325101	- 1.8	+ 0.4
△ Fleet	Sub Pt. B 325102	- 1.4	+ 2.5
Fleet	Sub Pt. C 325103	- 0.1	+ 1.2

RATIO VALUES

CM-8312

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

84-C(R) 5863-5880	Ratio 2.538
84-C(R) 5882-5897	Ratio 2.533
84-C(R) 5899-5915	Ratio 2.531

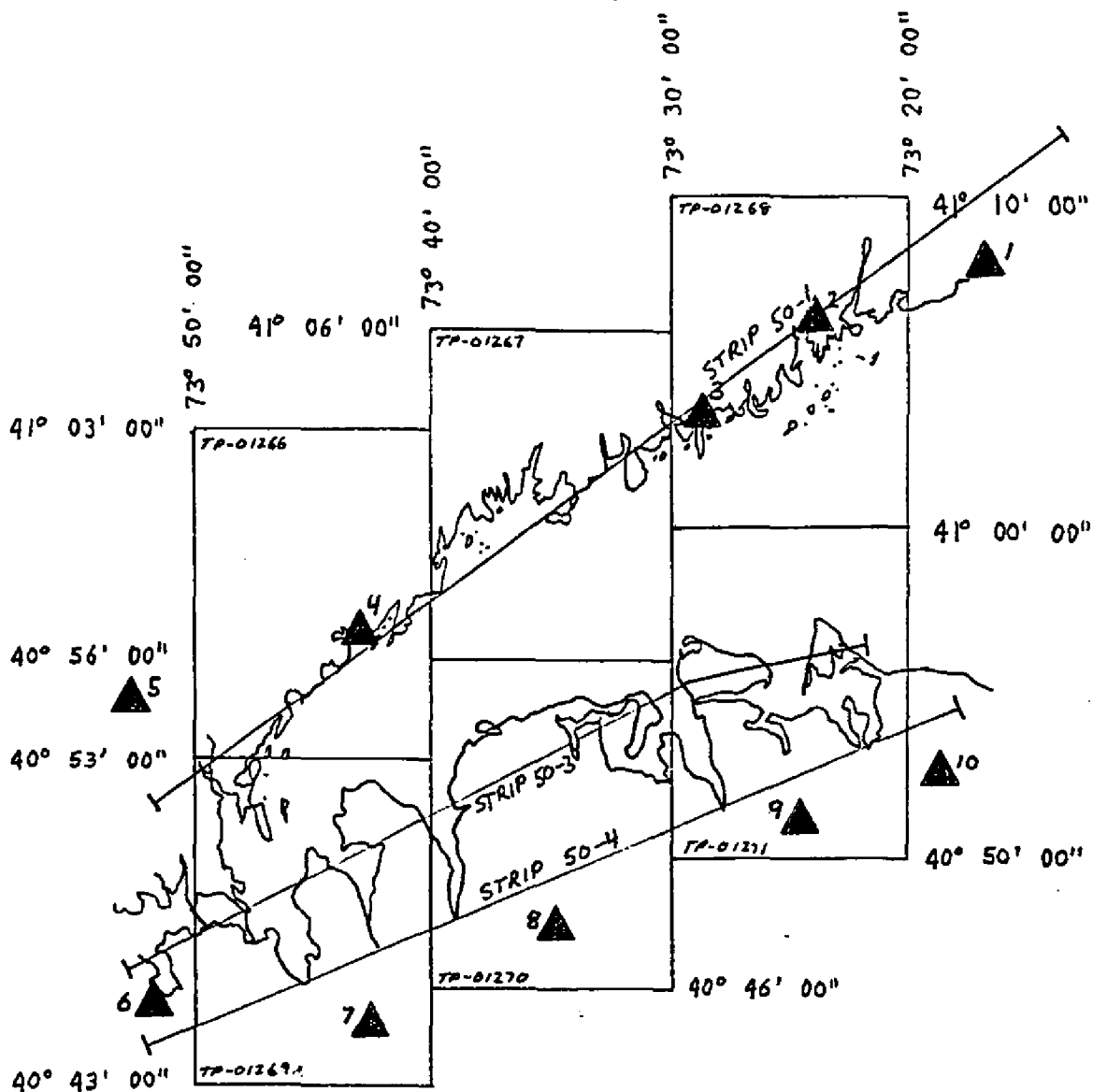
MLW 1:50,000-Scale Black-and-White Infrared

84-C(R) 5917-5931	Ratio 2.546
84-C(R) 5933-5943	Ratio 2.557
84-C(R) 5945-5960	Ratio 2.551

Bridging Photographs 1:50,000 Color

84-Z(C) 5293-5306	Ratio 2.545
84-Z(C) 5314-5326	Ratio 2.554
84-Z(C) 5335-5345	Ratio 2.549

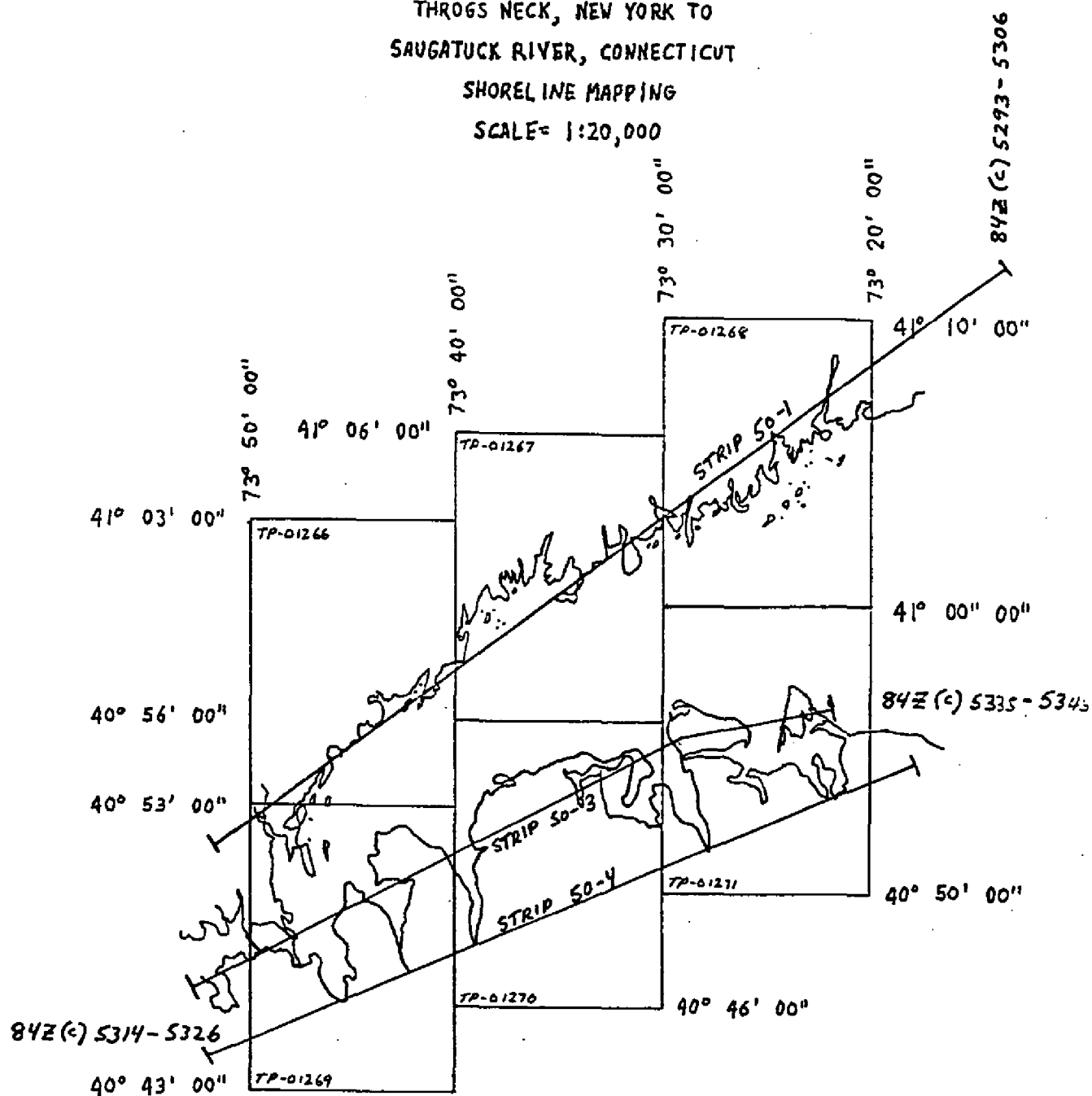
JOB CM-8312
 WESTERN LONG ISLAND SOUND
 THROGS NECK, NEW YORK TO
 SAUGATUCK RIVER, CONNECTICUT
 SHORELINE MAPPING
 SCALE= 1:20,000



HORIZONTAL CONTROL

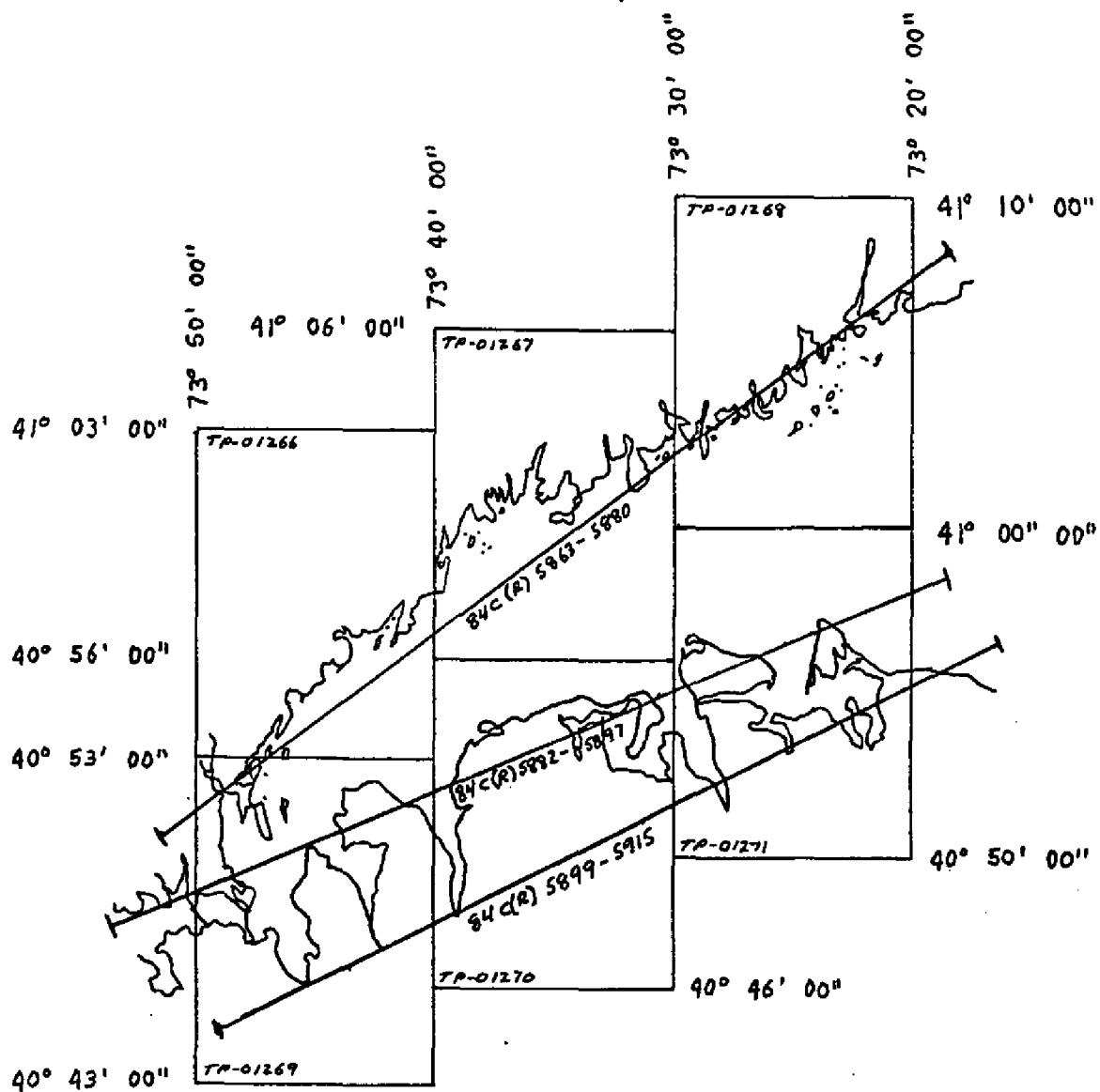
- | | |
|---------------------------|----------------------------------|
| 1. FAIRFIELD DUPONT STACK | 6. CIRCLE #6 |
| 2. JUDY | 7. PAYNE |
| 3. ZIEGLER | 8. TIPPETT |
| 4. NINE | 9. HUNTINGTON STATION WATER TANK |
| 5. HISCOCK | 10. FLEET |

JOB CM-8312
 WESTERN LONG ISLAND SOUND
 THROGS NECK, NEW YORK TO
 SAUGATUCK RIVER, CONNECTICUT
 SHORELINE MAPPING
 SCALE= 1:20,000



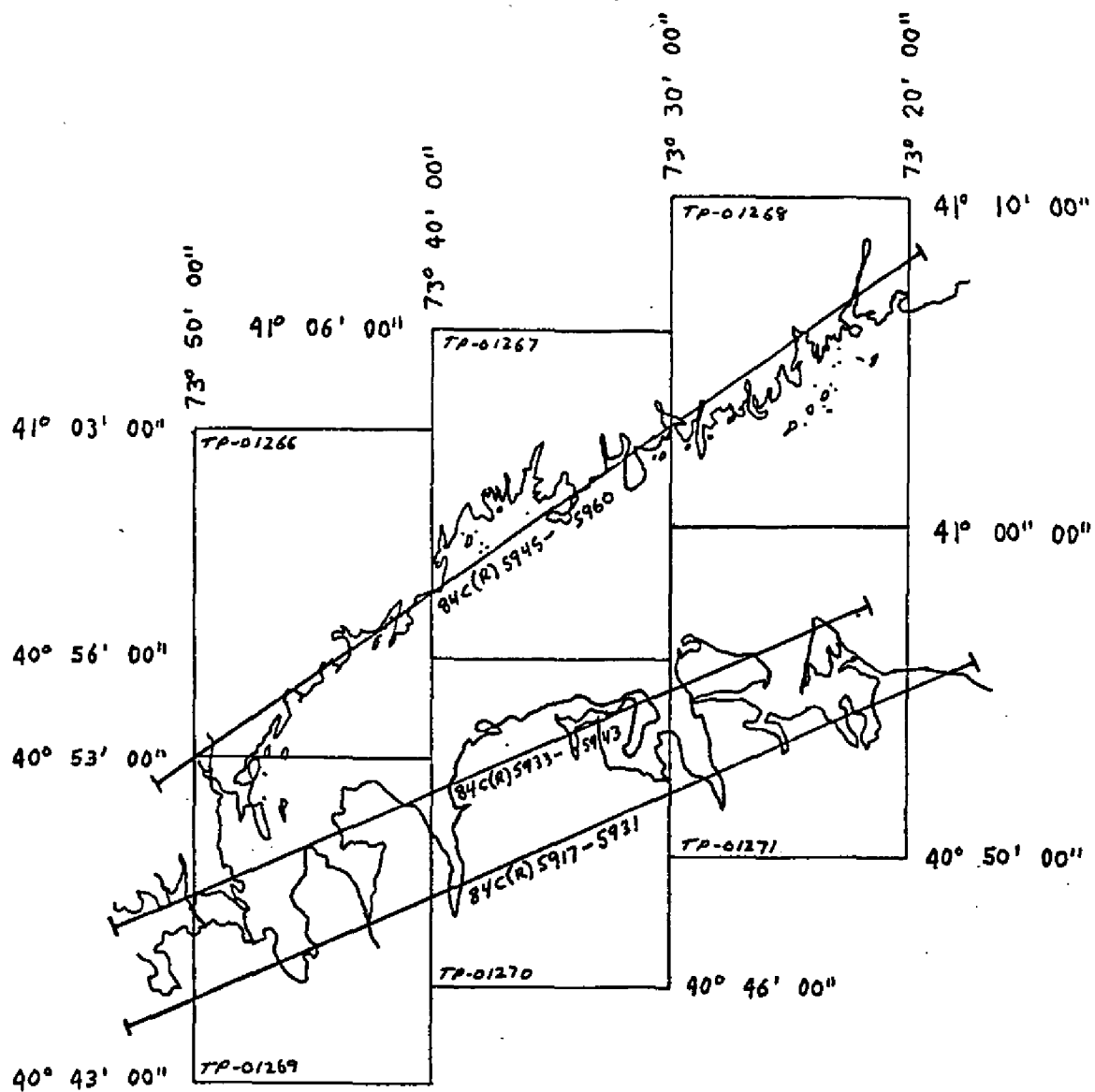
1:50,000 Color BRIDGING

JOB CM-8312
 WESTERN LONG ISLAND SOUND
 THROGS NECK, NEW YORK TO
 SAUGATUCK RIVER, CONNECTICUT
 SHORELINE MAPPING
 SCALE = 1:20,000



1:50,000 MHW

JOB CM-8312
 WESTERN LONG ISLAND SOUND
 THROGS NECK, NEW YORK TO
 SAUGATUCK RIVER, CONNECTICUT
 SHORELINE MAPPING
 SCALE= 1:20,000



1:50,000 MLW

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 ratio 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 color compilation photography was adequate, however, in some areas glare on the water made the delineation of offshore detail difficult.

32. CONTROL:

The horizontal control was adequate. Refer to the Aerotriangulation Report, dated February 1987.

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 ratio photographs.

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. There appeared to be some inconsistency in tone when the ratios were processed from the contacts.

37. LANDMARKS AND AIDS:

There are thirty charted landmarks and nineteen charted aids to navigation within the limits of this map. Among these, seventeen landmarks and nine 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:

Mamaroneck, New York-Connecticut; dated 1967; scale 1:24,000
Glenville, Connecticut-New York; dated 1960, photorevised 1971;
scale 1:24,000
Stamford, Connecticut; dated 1960, photorevised 1971; scale
1:24,000
Bayville, New York-Connecticut; dated 1967, photoinspected 1975;
scale 1:24,000

47. COMPARISON WITH NAUTICAL CHARTS:

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

12367; 17th edition; dated November 1, 1986; scale 1:20,000
12368; 19th edition; dated August 30, 1986; scale 1:20,000
12363; 32nd edition; dated October 18, 1986; scale 1:80,000
12364; 25th edition; dated January 10, 1987; scale 1:40,000 SC

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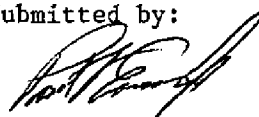
ITEMS TO BE APPLIED TO NAUTICAL CHARTS IMMEDIATELY:

None.

ITEMS TO BE CARRIED FORWARD:

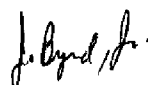
None.

Submitted by:



Paul L. Evans, Jr.
Cartographic Technician
June 22, 1987

Approved:



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

GEOGRAPHIC NAMES

FINAL NAME SHEET

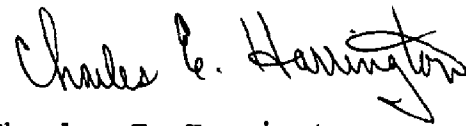
CM-8312 (Throgs Neck, NY to Saugatuck River, CT)

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Amtrak (RR)	Greenwich Point
Belle Haven	Harbor Ledge
Bluff Island	Holly Pond
Bowers Island	Horse Island
Brush Island	Indian Harbor
Bynam River	Jack Island
Byram	Kirby Pond
Byram Harbor	Little Captain Island
Byram Point	Long Island Sound
Bush Harbor	Lowther Point
Calf Islands	Manursing Island
Captain Harbor	Manursing Island Creek
Cemetery Point	Mianus
Cook Point	Mianus Pond
Cormorant Reef	Mianus River
Cos Cob	North Manursing Island
Cos Cob Harbor	Norton
Cove Harbor	Norton River
Cove Mills	Old Greenwich
Cove Rocks	Otter Rocks
Davenport Point	Peck Point
Dolphin Cove (locality)	Pelican Island
Diving Island	Pemberwick
East Branch	Playland Lake
Elias Point	Port Chester
Farwells Island	Port Chester Harbor
Field Point	Purdys Grove
Flathead Rocks	Red Rock
Flat Neck Point	Rich Island
Flint Rocks	Rippowam River
Game Cock Island	Riverside
Glenbrook	Round Island
Goose Island	Saw Island
Grass Island (1)	Shippan Point (locality)
Grass Island (2)	Shippan Point
Grassy Rock	Shore Island
Great Captain Island	Smith Cove
Great Captain Rocks	South End (locality)
Greenway Island	Stamford
Greenwich	Stamford Harbor
Greenwich Harbor	Todd Point
Greenwich Island	Transport Rock

Tweed Island
Vincent Island
Wee Captain Island
West Branch
Westcott Cove
Wilson Head

Approved:

A handwritten signature in cursive script, reading "Charles E. Harrington". The signature is written in dark ink and is positioned above the printed name and title.

Charles E. Harrington
Chief Geographer
Nautical Charting Division
Charting and Geodetic Services

REVIEW REPORT
SHORELINE

TP-01267

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:

Bayville, New York-Connecticut, dated 1967, photo-inspected 1975,
Glenville, Connecticut-New York dated 1960, photorevised 1971,
Mamaroneck, New York, dated 1967; and
Stamford, Connecticut, dated 1960, photorevised 1971;
all four quadrangles are 1:24,000 scale.

64. COMPARISON WITH CONTEMPORARY HYDROGRAPHIC SURVEYS:

Not applicable, this map will be registered as a Class III Final Map.

65. COMPARISON WITH NAUTICAL CHARTS:

A comparison was made with the following NOS Charts:

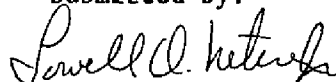
12363, 32nd edition, dated October 18, 1986, scale 1:80,000
12364, 25th edition, dated January 10, 1987, scale 1:40,000
12367, 17th edition, dated November 1, 1986, scale 1:20,000
12368, 19th edition, dated August 30, 1986, scale 1:20,000

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66. ADEQUACY OF RESULTS AND FUTURE SURVEYS:

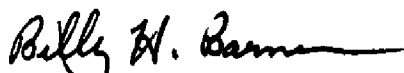
This map complies with the Project Instructions and meets the requirements for National Standards of Map Accuracy.

Submitted by:



Lowell O. Neterer, Jr.
Final Reviewer
July 17, 1987

Approved for forwarding:

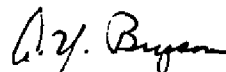


Billy H. Barnes
Chief, Quality Assurance Group, AMC

Approved:



Chief, Photogrammetric Production Sec.



Chief, Photogrammetry Branch

CHARTED LANDMARKS AND NONFLOATING AIDS TO NAVIGATION

PAGE 1 OF 2

PROJECT NUMBER: CM-8312

PROJECT NAME: Throgs Neck, NY to Saugatuck River, CT

MAP NUMBER: TP-01267 - Captain Harbor

SCALE: 1:20,000

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 clarification of NCD Quality (Q.C.) and Cartographic (CARTO) Codes.

<u>FEATURE DESCRIPTION</u>	<u>CARTO CODE</u>	<u>GEOGRAPHIC POSITION</u> <u>LATITUDE</u> <u>LONGITUDE</u>	<u>NCD Q.C.</u>	<u>DATE OF LOCATION</u>
STACK ✓	086 ✓	40 59 29.90 ✓ - 73 39 35.80 ✓	7 ✓	6/21/84 ✓
TOWER ✓	086 ✓	40 59 48.70 ✓ - 73 38 39.90 ✓	7 ✓	6/21/84 ✓
STACK (NORTH) ✓	086 ✓	41 00 52.90 ✓ - 73 38 46.30 ✓	7 ✓	6/21/84 ✓
STACK (SOUTH)	086 ✓	41 00 52.50 ✓ - 73 38 46.70 ✓	7 ✓	6/21/84 ✓
CUPOLA ✓	086 ✓	41 01 29.80 ✓ - 73 37 47.00 ✓	7 ✓	6/21/84 ✓
SPIRE ✓	086 ✓	41 02 07.60 - 73 37 24.70 ✓	7 ✓	6/21/84 ✓
PAVILION ✓	086 ✓	40 59 17.80 ✓ - 73 36 45.70 ✓	7 ✓	6/21/84 ✓
CUPOLA ✓	086 ✓	41 01 19.50 ✓ - 73 35 36.20 ✓	7 ✓	6/21/84 ✓
TANK ✓	086 ✓	41 02 08.80 ✓ - 73 33 21.20 ✓	7 ✓	6/21/84 ✓
MICRO TOWER ✓	086 ✓	41 03 09.70 ✓ - 73 33 48.50 ✓	7 ✓	6/21/84 ✓
MICRO TOWER ✓	086 ✓	41 03 12.30 ✓ - 73 32 09.90 ✓	7 ✓	6/21/84 ✓
BUILDING ✓	086 ✓	41 03 16.60 ✓ - 73 32 18.50 ✓	7 ✓	6/21/84 ✓

Listing approved by:

Lowell O. Hittner
FINAL REVIEWER

July 17, 1987
DATE

CHARTED LANDMARKS AND NONFLOATING AIDS TO NAVIGATION
CM-8312

TP-012687

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<u>FEATURE DESCRIPTION</u>	<u>CARTO CODE</u>	<u>GEOGRAPHIC POSITION</u> <u>LATITUDE</u> <u>LONGITUDE</u>	<u>NCD Q.C.</u>	<u>DATE OF LOCATION</u>
RADIO TOWER (WSTC) ✓	086 ✓	41 04 17.30 ✓ - 73 32 09.90 ✓	7 ✓	6/21/84 ✓
FLAG STAFF ✓	086 ✓	41 01 45.80 ✓ - 73 31 50.20 ✓	7 ✓	6/21/84 ✓
STACK (WEST) ✓	086 ✓	41 02 41.90 ✓ - 73 31 52.20 ✓	7	6/21/84 ✓
STACK (EAST) ✓	086 ✓	41 02 42.50 ✓ - 73 31 49.40 ✓	7 ✓	6/21/84 ✓
CHURCH SPIRE ✓	086 ✓	41 02 58.00 ✓ - 73 31 31.20 ✓	7 ✓	6/21/84 ✓
TANK ✓	993 ✓	41 03 16.30 ✓ - 73 30 57.60 ✓	7 ✓	6/21/84 ✓
PORT CHESTER LIGHT	200 ✓	40 59 03.50 ✓ - 73 39 25.20 ✓	7 ✓	6/21/84 ✓
PORT CHESTER HARBOR CHANNEL LIGHT	200 ✓	40 59 08.80 ✓ - 73 39 37.30 ✓	7 ✓	6/21/84 ✓
JONES ROCKS LIGHT	200	40 59 17.80 ✓ - 73 38 07.10 ✓	7 ✓	6/21/84 ✓
STAMFORD HARBOR LIGHTHOUSE 1882 (STAMFORD HARBOR LEDGE OBSTRUCTION LIGHT)	139 ✓	41 00 48.80 ✓ - 73 32 34.84 ✓	3 ✓	6/21/84 ✓
STAMFORD HARBOR WEST BREAKWATER LIGHT 3 ✓	200 ✓	41 00 53.50 ✓ - 73 32 19.20 ✓	7 ✓	6/21/84 ✓
STAMFORD HARBOR EAST BREAKWATER LIGHT 2A	200 ✓	41 00 53.90 ✓ - 73 32 08.20 ✓	7 ✓	6/21/84 ✓
STAMFORD HARBOR RANGE ✓ FRONT LIGHT	200 ✓	41 01 48.70 ✓ - 73 32 16.60 ✓	7 ✓	6/21/84 ✓
STAMFORD EAST BRANCH CHANNEL LIGHT 1 ✓	200 ✓	41 02 06.50 ✓ - 73 32 11.20 ✓	7 ✓	6/21/84 ✓
FLINT ROCKS DAYBEACON ✓	200 ✓	41 01 46.70 - 73 32 25.90 ✓	7	6/21/84 ✓

Listing approved by:

Lowell A. Heter
FINAL REVIEWER

July 17 1987
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]