

TP-00862

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TP-00862

NOAA FORM 76-35

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

DESCRIPTIVE REPORT

Type of Survey .. Shoreline

Job No. ...CM-7403..... Map No. ..TP-00862...

Classification No. ...111..... Edition No.

LOCALITY

State New York - New Jersey

General Locality .. Hudson River

Locality ... West Point

1975 TO 19

REGISTRY IN ARCHIVES

DATE

NOAA FORM 76-36A (3-72)		U. S. DEPARTMENT OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMIN.																			
DESCRIPTIVE REPORT - DATA RECORD		<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td colspan="2" style="text-align: center;">TYPE OF SURVEY</td> </tr> <tr> <td>☒ ORIGINAL</td> <td></td> </tr> <tr> <td>☐ RESURVEY</td> <td></td> </tr> <tr> <td>☐ REVISED</td> <td></td> </tr> </table>		TYPE OF SURVEY		☒ ORIGINAL		☐ RESURVEY		☐ REVISED											
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PHOTOGRAMMETRIC OFFICE Coastal Mapping Division Rockville, Maryland OFFICER-IN-CHARGE Cdr. James Collins		<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td colspan="2" style="text-align: center;">SURVEY TP. <u>00862</u></td> </tr> <tr> <td colspan="2">MAP EDITION NO. ()</td> </tr> <tr> <td colspan="2">MAP CLASS <u>III</u></td> </tr> <tr> <td colspan="2">JOB <u>PHX-CM-7403</u></td> </tr> </table>		SURVEY TP. <u>00862</u>		MAP EDITION NO. ()		MAP CLASS <u>III</u>		JOB <u>PHX-CM-7403</u>											
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LAST PRECEDING MAP EDITION																					
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JOB	PH. _____																				
MAP CLASS _____																					
SURVEY DATES:																					
19__ TO 19__																					
I. INSTRUCTIONS DATED																					
1. OFFICE		2. FIELD																			
Aerotriangulation Sept. 3, 1975 Compilation Oct. 21, 1975		Apr. 2, 1975 Apr. 15, 1975 Supplement I																			
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 Transverse Mercator		4. GRID(S) <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;">STATE New York</td> <td style="width: 50%;">ZONE East</td> </tr> <tr> <td>STATE</td> <td>ZONE</td> </tr> </table>		STATE New York	ZONE East	STATE	ZONE														
STATE New York	ZONE East																				
STATE	ZONE																				
5. SCALE 1:20,000		STATE ZONE																			
III. HISTORY OF OFFICE OPERATIONS																					
OPERATIONS		NAME	DATE																		
1. AEROTRIANGULATION BY METHOD: Analytic LANDMARKS AND AIDS BY		Don O. Norman	Oct. 75																		
2. CONTROL AND BRIDGE POINTS PLOTTED BY METHOD: Coradi CHECKED BY		L. Harrod	Mar. 76																		
3. STEREOSCOPIC INSTRUMENT PLANIMETRY BY COMPILATION CHECKED BY INSTRUMENT: Wild B-8 Stereoplotter CONTOURS BY SCALE: 1:20,000 CHECKED BY		J. Massey J. Gerlach NA NA	Dec. 76 Dec. 76																		
4. MANUSCRIPT DELINEATION PLANIMETRY BY CHECKED BY METHOD: Inked from B-8 Worksheet CONTOURS BY CHECKED BY SCALE: 1:20,000 HYDRO SUPPORT DATA BY CHECKED BY		J. Massey J. Gerlach NA NA NA NA	Jan. 77 Jan. 77																		
5. OFFICE INSPECTION PRIOR TO FIELD EDIT BY		Field edit postponed	Nov. 76																		
6. APPLICATION OF FIELD EDIT DATA BY CHECKED BY																					
7. COMPILATION SECTION REVIEW BY																					
8. FINAL REVIEW BY		J. B. Phillips	Apr. 77																		
9. DATA FORWARDED TO PHOTOGRAMMETRIC BRANCH BY																					
10. DATA EXAMINED IN PHOTOGRAMMETRIC BRANCH BY																					
11. MAP REGISTERED - COASTAL SURVEY SECTION BY		R. T. Carter	Oct. 77																		

TP-00862
COMPILATION SOURCES

1. COMPILATION PHOTOGRAPHY

CAMERA(S) C f = 88.47 mm		TYPES OF PHOTOGRAPHY LEGEND		TIME REFERENCE	
TIDE STAGE REFERENCE ☐ PREDICTED TIDES ☐ REFERENCE STATION RECORDS ☐ TIDE CONTROLLED PHOTOGRAPHY		(C) COLOR (P) PANCHROMATIC (I) INFRARED		ZONE 5th	☒ STANDARD
				MERIDIAN 75th	☐ DAYLIGHT
NUMBER AND TYPE	DATE	TIME	SCALE	STAGE OF TIDE	
75 C(C)5827 - 30	May 8, 1977	9:25	1:60,000	2.7 ft. above MLW	

REMARKS

2. SOURCE OF MEAN HIGH-WATER LINE:

Since there was no tide coordinates infrared photography, the mean high water was compiled from a combination of empirical observations and contouring on the Wild B-8 plotter.

3. SOURCE OF MEAN LOW-WATER OR MEAN LOWER LOW-WATER LINE:

There was no requirement for a mean low water line because it was impossible to determine on the color photography. In lieu of the low water line, shallow areas were outlined.

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
TP-00861	No Survey	TP-00863	No Survey
REMARKS			

TP-00862

HISTORY OF FIELD OPERATIONS

I. ☒ FIELD INSPECTION OPERATION☐ FIELD EDIT OPERATION

OPERATION	NAME	DATE
1. CHIEF OF FIELD PARTY	R. S. Tibbetts	
2. HORIZONTAL CONTROL	RECOVERED BY	
	ESTABLISHED BY	
	PRE-MARKED OR IDENTIFIED BY	R. D. Wells 4/21/75
3. VERTICAL CONTROL	RECOVERED BY	
	ESTABLISHED BY	
	PRE-MARKED OR IDENTIFIED BY	None
4. LANDMARKS AND AIDS TO NAVIGATION	RECOVERED (Triangulation Stations) BY	
	LOCATED (Field Methods) BY	
	IDENTIFIED BY	None
5. GEOGRAPHIC NAMES INVESTIGATION	TYPE OF INVESTIGATION ☐ COMPLETE ☐ SPECIFIC NAMES ONLY ☒ NO INVESTIGATION	
6. PHOTO INSPECTION	CLARIFICATION OF DETAILS BY	
7. BOUNDARIES AND LIMITS	SURVEYED OR IDENTIFIED BY	

II. SOURCE DATA

1. HORIZONTAL CONTROL IDENTIFIED

1 Pre-mark

2. VERTICAL CONTROL IDENTIFIED

None

PHOTO NUMBER	STATION NAME	PHOTO NUMBER	STATION DESIGNATION
	Bear Mountain, 1851		

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

Form C&GS-152

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

TP-00862
RECORD OF SURVEY USE

I. MANUSCRIPT COPIES

COMPILATION STAGES			DATE MANUSCRIPT FORWARDED	
DATA COMPILED	DATE	REMARKS	MARINE CHARTS	HYDRO SUPPORT
Shoreline and Inshore Delineation	Jan. 1977	Class III Manuscript		
Compilation office review	Mar. 1977	Corrections made		
Final review prior to registration	Apr. 1977	Field edit postponed	10-3-77	
		Class III manuscript		

II. LANDMARKS AND AIDS TO NAVIGATION

1. REPORTS TO MARINE CHART DIVISION, NAUTICAL DATA BRANCH

NUMBER	CHART LETTER NUMBER ASSIGNED	DATE FORWARDED	REMARKS
5		9-26-77	

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 CM-7403

This summary covers the 1:20,000 scale portion of this project. TP-00860 through TP-00863.

TP-00862 is one of 12 shoreline maps in Job CM-7403 compiled for use in the maintenance of published nautical charts and in new chart construction.

Field work prior to compilation consisted of the recovery and premarking of horizontal control.

This manuscript was compiled using the Wild B-8 stereo-plotter with 1:60,000 scale color photography. One annotated ozalid copy of this map and black-and-white ratioed positives of the photographs covering this area have been prepared for use by the field editor assigned. The original field edit assignment was postponed in November 1976.

Final review was done in the Rockville, Maryland, office April through July 1977.

A stable base positive copy of the map and a descriptive report will be registered in the NOS Archives.

JOB CM-7403
EAST RIVER & HUDSON RIVER
TO POUGHKEEPSIE
NEW YORK & NEW JERSEY
CHART TOPOGRAPHY
SCALE 1:20,000
& 1:10,000

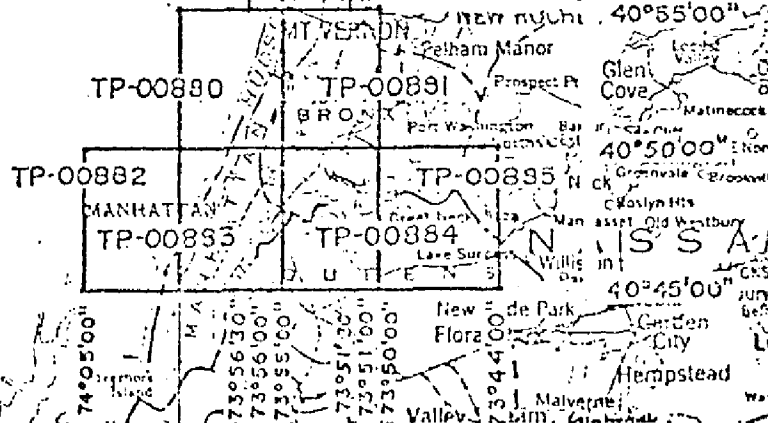
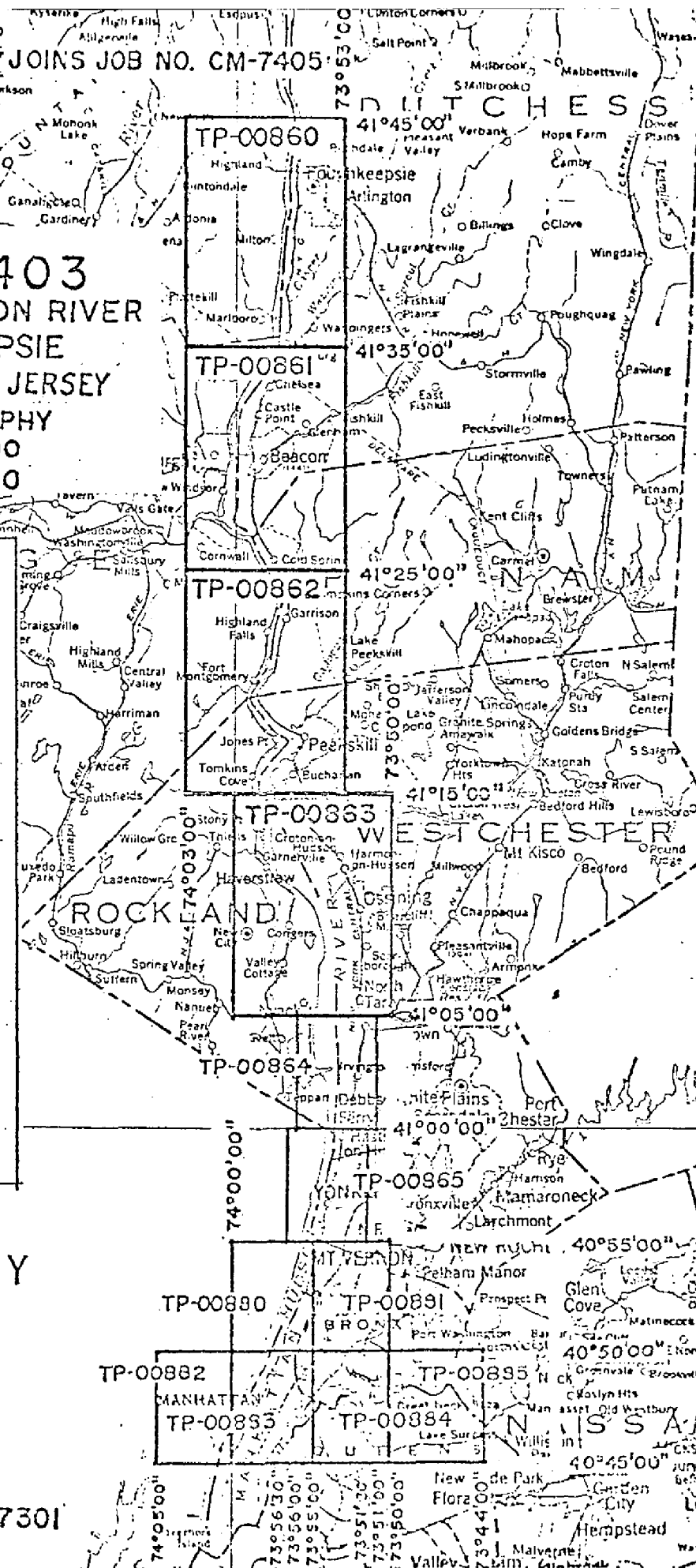
Official Mileage for Cost Accounts

Sheet No.	Sq. Miles
TP-00860	10
TP-00861	11
TP-00862	12
TP-00863	12
TP-00864	5
TP-00865	5
TP-00880	7
TP-00881	2
TP-00892	4
TP-00893	11
TP-00884	7
TP-00885	7
TOTAL	93

J E R S E Y

REVISED 8-12-74 RWH
 2-25-75 RMB.

JOINS JOB NO. CM-7301



Photogrammetric Plot Report
East River and Hudson River
to Poughkeepsie
New York
CM-7403
October 20, 1975

21. Area Covered: This report pertains to 8 sheets at 1:10,000 scale along the East River and Hudson River in the vicinity of Manhattan Island and also 4 sheets at 1:20,000 scale along the Hudson River to Poughkeepsie, New York. The sheets are TP-00880 thru TP-00885 and TP-00860 thru TP-00865.
22. Method: Three strips of 1:60,000 scale color photography were bridged by analytic aerotriangulation methods and adjusted to ground in the New York East Zone state plane coordinate system. In the area covered by 1:10,000 scale sheets, points were established for setting 1:20,000 scale color photography for compilation. Points were also established for determining ratios of all the 1:20,000 scale photography. T-sheets and ratios were ordered for compilation.
23. Adequacy of Control: The control was adequate.
24. Supplemental Data: U.S.G.S. Topographic quadrangles were used to determine elevations of points for strip adjustment.
25. Photography: The photography was adequate.

Submitted by,

Don O. Norman

Don O. Norman

Approved by:

John D. Perrow Jr.

John D. Perrow, Jr.
Chief, Aerotriangulation Section

Fit to Control

Strip 1

- 1 PAYNE 2, 1932 (-0.4, -0.4)
- 2 SCHOOL, 1932 (+1.3, +1.0)
- 3 INTER, 1932 (-1.1, -1.0)
- 4 HILLSIDE, 1933 (+0.2, +0.4)

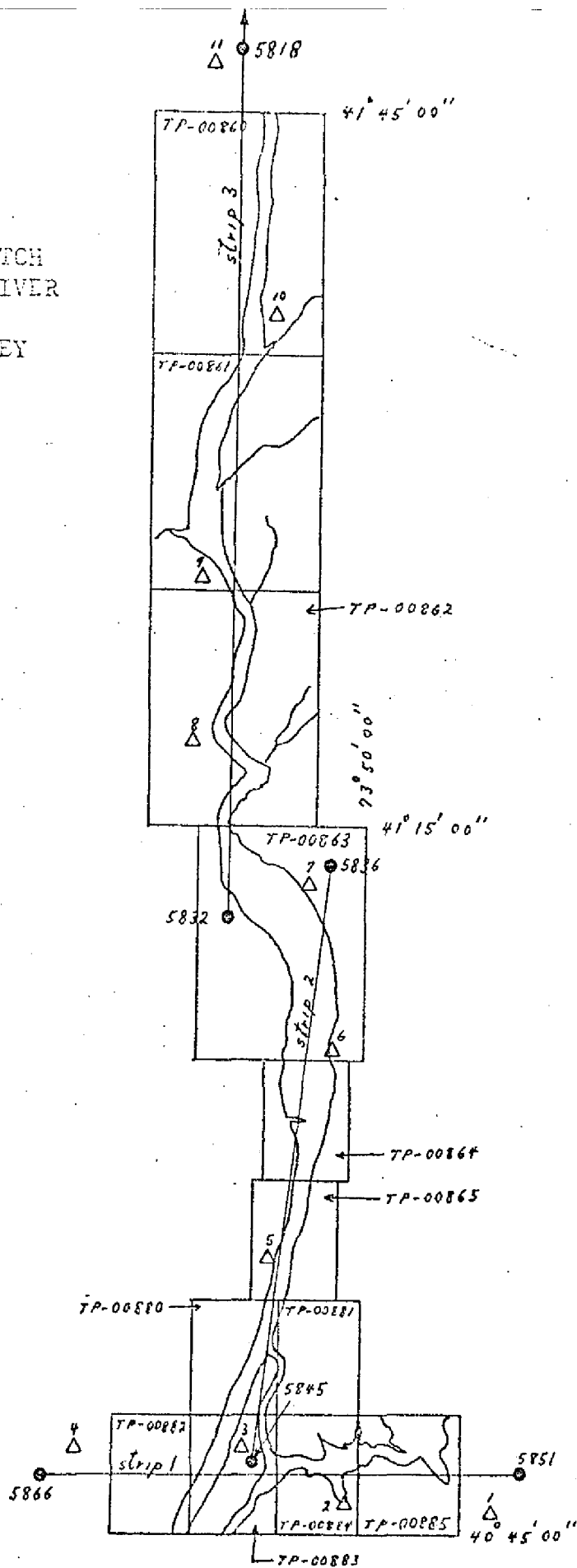
Strip 2

- 3 INTER, 1933 (-0.7, -0.2)
- 5 ALPINE, 1930 (+1.7, +0.8)
- 6 KING, 1932 (-2.2, -1.0)
- 7 LARKIN, 1932 (-1.8, -1.1)

Strip 3

- 7 LARKIN, 1932 (+1.3, -1.4)
- 8 BEAR MOUNTAIN, 1851 (+1.7, +2.1)
- 9 BUTTER HILL, 1880 (-2.4, +1.2)
- 10 ST. CLAIR 3, 1973 (-4.5, -4.4)
- 11 WEST PARK HOLLY CROSS (+5.0, +3.1)
- MONASTARY CUPOLA, 1933
- BECK, 1934 (+0.7, -1.1)
- GREEN, 1934 (-1.8, +0.3)

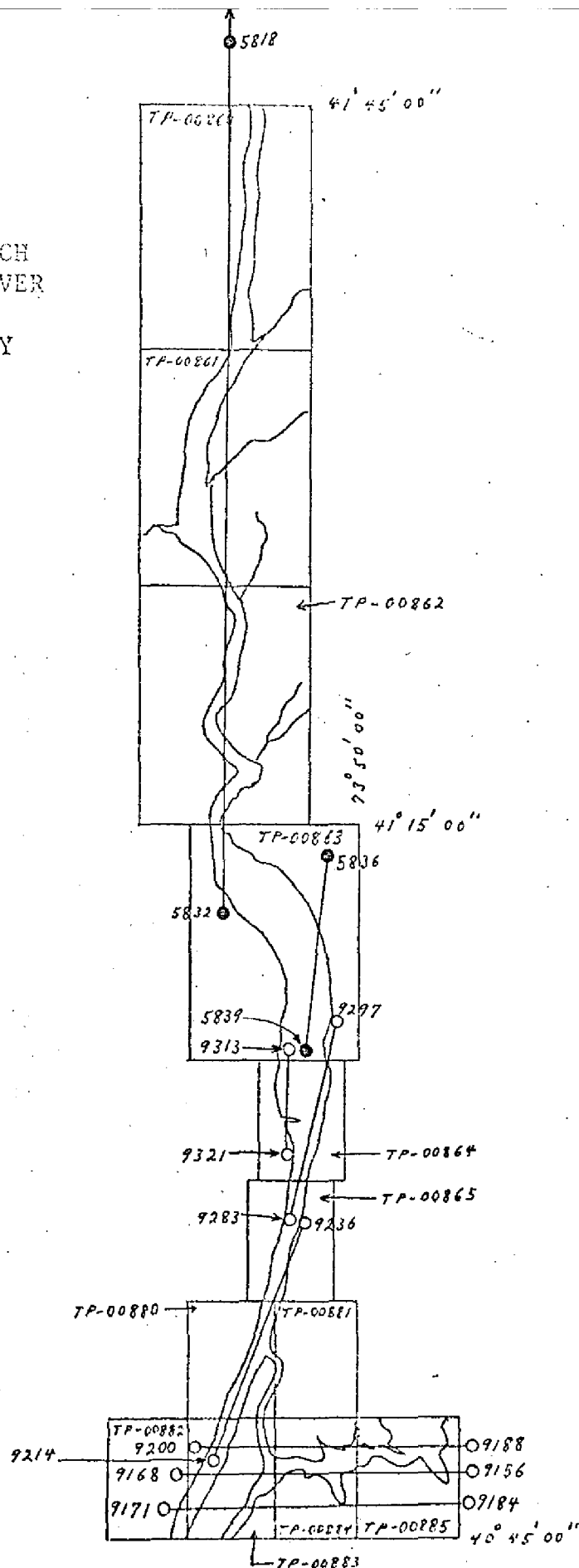
BRIDGING PHOTOGRAPHY
 • 75C(c) 1:60000



AEROTRIANGULATION SKETCH
 EAST RIVER & HUDSON RIVER
 TO POUGHKEEPSIE
 NEW YORK & NEW JERSEY
 CM-7403
 October, 1975

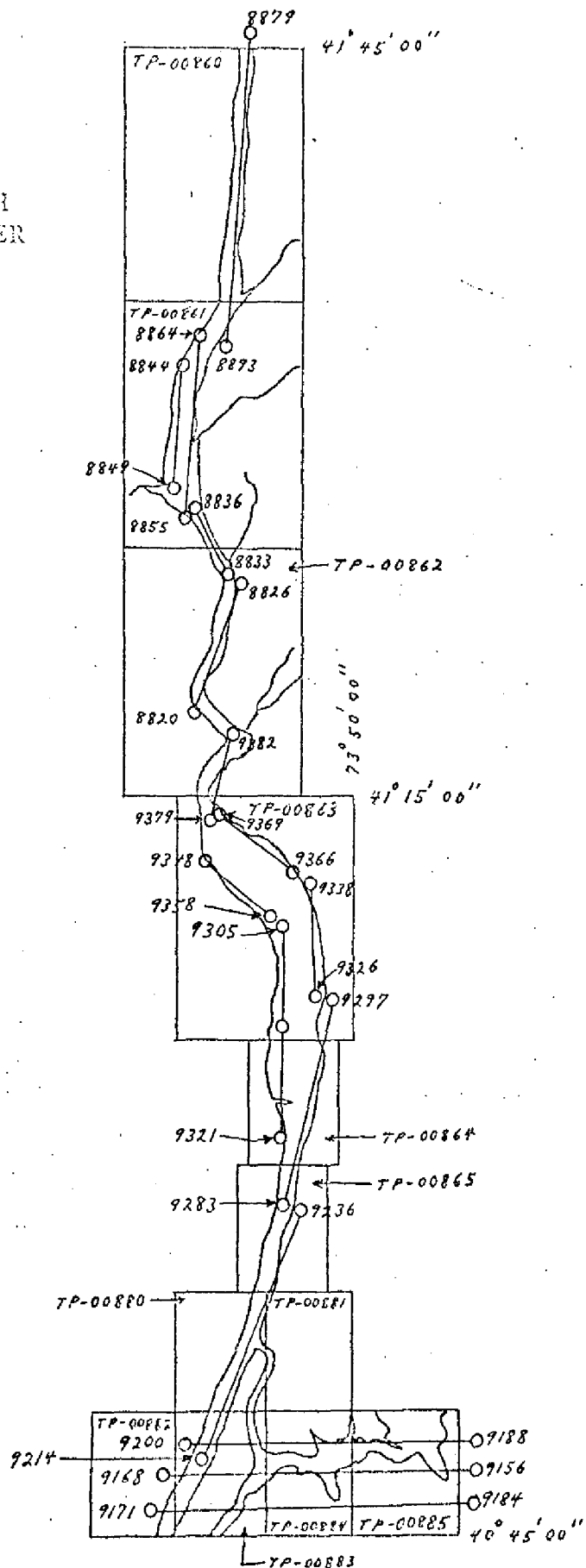
COMPILATION PHOTOGRAPHY

• 75C(c) 1:60000
 ○ 75E(c) 1:20000



AEROTRIANGULATION SKETCH
 EAST RIVER & HUDSON RIVER
 TO POUGHKEEPSIE
 NEW YORK & NEW JERSEY
 CM-7403
 October, 1975

RATIO PHOTOGRAPHY
 75E(c) 1:20000



COMPILATION REPORT

Shoreline Survey
TP-00862

This map and all maps in Job CM-7403 were compiled to provide shoreline for the construction of a new chart (scale 1:20,000) and for the maintenance of other nautical charts in the area.

Existing charts were checked for aids to navigation and USGS Quadrangles for locations of hospitals.

On the discrepancy print we have noted any features in which there was doubt as to position or identification.

31. Delineation

The shoreline and alongshore features were compiled stereoptically using 1:60,000 color photography. Interior features were compiled from ratio prints made from the color photographs. The color transparencies were used for interpretation of these features. Control for the graphic compilation consisted of planimetric features compiled from stereo models of the bridging and compilation photography.

32. Control

Horizontal control was adequate using identifiable triangulation stations and PUG holes drilled for that purpose.

Vertical control was determined from USGS Quadrangles. This also was considered adequate.

33. Supplemental Data

None.

34. Contours and Drainage

There is no requirement for contours on this project.

35. Shoreline and Alongshore Details

Mean high water line: In bulkheaded and similar areas there was no problem in depicting the mean high water line. In other areas it was established by interpreting what could be seen along the shore or extrapolating from the water level in the photos. Once this was done the mean high water line was contoured on the level model. Where there was any question it was indicated on the discrepancy print.

Mean low water line: Since no tide-coordinated photography was taken, and considering the uncertainty of water penetration, no attempt was made to depict the mean low water line. However, shallow areas that could be seen were shown on the manuscript.

36. Offshore Details

No problems; photography was adequate.

37. Landmarks and Aids

See Forms 76-40.

38. Control for Future Surveys

None

39. Junctions

Refer to attached Form 76-36B of the Descriptive Report or the index to adjoining sheets on the manuscript.

40. Horizontal and Vertical Accuracy

Refer to the Plot Report

41. through 45.

Not applicable.

46. Comparison with Existing Maps

Comparison was made with the 1:24,000 West Point (1957), Peekskill (1957), and Popolopen Lake (1957) USGS quadrangles.

47. Comparison with Nautical Charts

Comparison was made with the National Ocean Survey Chart 282 (12343), 1:40,000 scale, dated November 1975.

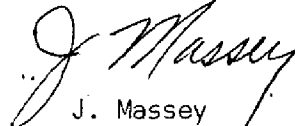
Items to be Applied to Nautical Charts Immediately

None

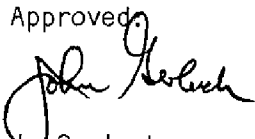
Items to be Carried Forward

None

Submitted by


J. Massey
Cartographer

Approved



J. Gerlach
Chief Cartometric Section

Final Review Report

CM-7403

Shoreline Survey TP-00862

61. General Statement

This map is registered as Class III. The field edit was postponed November 1976. Map detail is subject to changes pending a field edit inspection. Discrepancy prints and ratioed photographs are prepared and ready for field edit use.

62. through 64.

Inapplicable.

65. Comparison with Nautical Charts

This map was compared with Chart 12343 (282) 1:40,000 scale published November 1975.

66. Adequacy of Results and Future Surveys

This map meets the National Standards of Map Accuracy and complies with Bureau requirements.

Submitted by

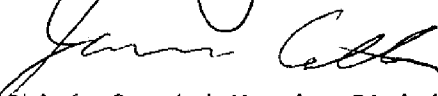


J. B. Phillips
Cartographer

Approved by:



Chief, Photogrammetric Branch



Chief, Coastal Mapping Division

76-40
LISTING

PHOTOGRAMMETRIC BRANCH
COASTAL MAPPING DIVISION

NATIONAL OCEAN SURVEY NOAA
DEPARTMENT OF COMMERCE USA

DATATAB
VERSION
770818

* SVY TP-00862 * * RPT UNIT CMD ROCKVILLE, MD. * PAGE 1 OF 5 *
* JOB CM-7403 * NONFLOATING AIDS FOR CHARTS * STATE NEW YORK *
* PRJ HUDSON R. * TO BE REVISED * LOCALITY WEST POINT * ORIGINATING ACTIVITY*
* DTM NA 1927 * * DATE 07/29/77 * COMPILATION *

* THE FOLLOWING OBJECTS HAVE NOT BEEN INSPECTED FROM SEAWARD TO DETERMINE THEIR VALUE AS LANDMARKS *

DESCRIPTION	POSITION	CMD	METHOD AND DATE	CHARTS	AFFECTED
RECORD REASON FOR DELETION	LATITUDE DM	ALTEK	OF LOCATION		
NAME PUT TRIANGULATION NAMES IN ()	LONGITUDE DP	DGTZD	OFFICE FIELD		

* NEW YORK HARBOR
* LOWER HUDSON RIVER

LIGHT	PEEKSKILL BAY SOUTH CHANNEL	41 16 56.15	1732.2	75C5830	
	JUNCTION LIGHT	73 56 38.26	890.4	05/08/75	282

-LIGHT	(IONA LIGHT, 1932)	41 18 34.89	1076.3	NOT 75C5829	
21		73 58 42.85	996.8	DGTZD 05/08/75	282

LIGHT	BEAR MOUNTAIN WHARF LIGHT	00 00 00.00	0.0	NOT UNVERIFIED	
		00 00 00.00	0.0	DGTZD	282

-LIGHT	(CON HOOK LIGHT, 1932)	41 21 07.20	222.1	NOT 75C5829	
27		73 57 45.72	1062.8	DGTZD 05/08/75	282

LIGHT	HIGHLAND FALLS MARINA LIGHT	00 00 00.00	0.0	NOT UNVERIFIED	
		00 00 00.00	0.0	DGTZD	282

LIGHT	GARRISON MARINA LOWER LIGHT	00 00 00.00	0.0	NOT UNVERIFIED	
		00 00 00.00	0.0	DGTZD	282

LIGHT	GARRISON MARINA UPPER LIGHT	00 00 00.00	0.0	NOT UNVERIFIED	
		00 00 00.00	0.0	DGTZD	282

-LIGHT		41 23 36.21	1117.1	75C5828	
29		73 57 03.11	72.3	05/08/75	282

-LIGHT	(WESTPOINT LIGHTHOUSE, 1905)	41 23 44.90	1385.2	NOT 75C5828	
31		73 57 04.78	111.0	DGTZD 05/08/75	282

TYPE OF ACTION	NAMES OF RESPONSIBLE PERSONNEL	ORIGINATOR
POSITIONS DETERMINED	NO FIELD EDIT-CLASS 111 MAP	FIELD REPRESENTATIVE
AND/OR VERIFIED BY	J. MASSEY	OFFICE COMPILER
FIELD AND OFFICE	J. MASSEY	DIGITIZER
ACTIVITIES	J. MASSEY	DATA PROCESSOR

76-40
LISTING

PHOTOGRAMMETRIC BRANCH
COASTAL MAPPING DIVISION

NATIONAL OCEAN SURVEY NOAA
DEPARTMENT OF COMMERCE USA

DATATAB
VERSION
770818

* SVY TP-00862 * * RPT UNIT CMD ROCKVILLE, MD. * PAGE 2 OF 5 *
* JOB CM-7403 * NONFLOATING AIDS FOR CHARTS * STATE NEW YORK *
* PRJ HUDSON R. * TO BE REVISED * LOCALITY WEST POINT * ORIGINATING ACTIVITY *
* DTM NA 1927 * * DATE 07/29/77 * COMPILATION *

* THE FOLLOWING OBJECTS HAVE NOT BEEN INSPECTED FROM SEAWARD TO DETERMINE THEIR VALUE AS LANDMARKS *

DESCRIPTION	POSITION	CMD	METHOD AND DATE	CHARTS
RECORD REASON FOR DELETION	LATITUDE DM	ALTEK	OF LOCATION	* CHARTS *
NAME * PUT TRIANGULATION NAMES IN () *	LONGITUDE DP	DGTZD	OFFICE * FIELD	* AFFECTED *

* -LIGHT * (CONSTITUTION ISLAND LIGHT,	* 41 24 12.12	373.9	NOT * 7505827	* *
* 34 * 1933)	* 73 57 36.20	840.9	DGTZD* 05/08/75	* 282 *

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TYPE OF ACTION	NAMES OF RESPONSIBLE PERSONNEL	ORIGINATOR
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POSITIONS DETERMINED	NO FIELD EDIT-CLASS 111 MAP	FIELD REPRESENTATIVE
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AND/OR VERIFIED BY	J. MASSEY	OFFICE COMPILER
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FIELD AND OFFICE	J. MASSEY	DIGITIZER
ACTIVITIES	J. MASSEY	DATA PROCESSER

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* JOB CM-7403 * LANDMARKS FOR CHARTS * STATE NEW YORK *
* PRJ HUDSON R. * TO BE REVISED * LOCALITY WEST POINT * ORIGINATING ACTIVITY *
* DTM NA 1927 * * DATE 07/29/77 * COMPILATION *

* THE FOLLOWING OBJECTS HAVE NOT BEEN INSPECTED FROM SEAWARD TO DETERMINE THEIR VALUE AS LANDMARKS *

DESCRIPTION	POSITION	CMD	METHOD AND DATE	CHARTS	AFFECTED
RECORD REASON FOR DELETION	LATITUDE DM	ALTEK	OF LOCATION		
NAME PUT TRIANGULATION NAMES IN ()	LONGITUDE DP	DGTZD	OFFICE FIELD		

STACK (TOMPKINS COVE ROCK CRUSHER	41 15 09.25	285.4	NOT	75EC9380	
STACK, 1932)	73 58 53.95	1256.1	DGTZD	05/08/75	282

CUPOLA	41 15 11.33	349.5		75C5830	
	73 57 44.64	1039.3		05/08/75	282

TOWER	41 15 39.48	1217.9		75C5830	
	73 57 51.57	1200.5		05/08/75	282

TOWER	41 15 25.47	785.7		75C5830	
	73 57 39.56	921.0		05/08/75	282

TOWER	41 15 54.38	1677.6		75C5831	
	73 58 43.96	1023.3		05/08/75	282

STACK (BUCHANAN ATOMIC ENERGY	41 16 11.74	362.2	NOT	75C5830	
STATION NO. 1 STACK, 1966)	73 57 10.48	243.9	DGTZD	05/08/75	282

TANK (SOUTH PEEKSKILL FLEISCHMAN	41 16 32.42	1000.1	NOT	75C5830	
CO. TANK, 1932)	73 56 28.80	670.3	DGTZD	05/08/75	282

S COR.	41 17 34.83	1074.5		75C5830	
BLDG.	73 55 55.27	1286.0		05/08/75	282

R TWR. (PEEKSKILL RADIO STATION WLNA	41 18 46.59	1437.3	NOT	75C5829	
(WLNA) ANTENNA, 1966)	73 55 02.84	66.1	DGTZD	05/08/75	282

FLAG	41 18 46.89	1446.5		75C5829	
POLE	73 59 21.83	507.8		05/08/75	282

TYPE OF ACTION	NAMES OF RESPONSIBLE PERSONNEL	ORIGINATOR
POSITIONS DETERMINED	NO FIELD EDIT-CLASS 111 MAP	FIELD REPRESENTATIVE
AND/OR VERIFIED BY	J. MASSEY	OFFICE COMPILER
FIELD AND OFFICE	J. MASSEY	DIGITIZER
ACTIVITIES	J. MASSEY	DATA PROCESSER

76-40
LISTING

PHOTOGRAMMETRIC BRANCH
COASTAL MAPPING DIVISION

NATIONAL OCEAN SURVEY NOAA
DEPARTMENT OF COMMERCE USA

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* SVY TP-00862 * * RPT UNIT CMD ROCKVILLE, MD. * PAGE 4 OF 5 *
* JOB CM-7403 * LANDMARKS FOR CHARTS * STATE NEW YORK *
* PRJ HUDSON R. * TO BE REVISED * LOCALITY WEST POINT *ORIGINATING ACTIVITY*
* DTM NA 1927 * * DATE 07/29/77 * COMPILATION *

* THE FOLLOWING OBJECTS HAVE NOT BEEN INSPECTED FROM SEAWARD TO DETERMINE THEIR VALUE AS LANDMARKS *

DESCRIPTION	POSITION	CMD	METHOD AND DATE	CHARTS
RECORD REASON FOR DELETION	LATITUDE DM	ALTEK*	OF LOCATION	* CHARTS *
NAME * PUT TRIANGULATION NAMES IN () *	LONGITUDE DP	DGTZD*	OFFICE * FIELD	*AFFECTED*

FINIAL * (BEAR MOUNTAIN BRIDGE TOLL	41 19 11.36	350.5	NOT * 75C5829	
* HOUSE FINIAL, 1932)	73 59 18.90	439.6	DGTZD* 05/08/75	282

TANK * (MONK, 1932)	41 22 05.49	169.4	NOT * 75C5828	
	73 57 02.73	63.4	DGTZD* 05/08/75	282

STACK * (HIGHLAND FALLS LADYCLIFF	41 22 17.07	526.6	NOT * 75C5828	
* ACADEMY STACK, 1932)	73 57 47.57	1105.5	DGTZD* 05/08/75	282

FLAG * (BARRACKS, 1932)	41 23 23.15	714.2	NOT * 75C5828	
STAFF *	73 57 21.89	508.6	DGTZD* 05/08/75	282

FLAG * (WEST POINT PARADE GROUNDS	41 23 38.50	1187.7	NOT * 75C5828	
POLE * FLAGPOLE, 1852-80)	73 57 31.05	721.3	DGTZD* 05/08/75	282

STATUE *	41 23 40.44	1247.6	* 75C5828	
	73 57 26.05	605.2	* 05/08/75	282

* CHARTED LDMK(S) NOT VISIBLE ON COMPILATION PHOTOS AND APPEAR
* DESTROYED. APPROX. POSITION(S) SCALED FROM EXISTING CHART. *

CHIM- *	41 15 59.00	1820.1	NOT *	
NEY *	73 58 43.00	1000.9	DGTZD*	282

EAST *	41 21 42.00	1295.7	NOT *	
GABLE *	73 57 51.00	1185.4	DGTZD*	282

TYPE OF ACTION	NAMES OF RESPONSIBLE PERSONNEL	ORIGINATOR
POSITIONS DETERMINED	NO FIELD EDIT-CLASS 111 MAP	FIELD REPRESENTATIVE
AND/OR VERIFIED BY	J. MASSEY	OFFICE COMPILER
FIELD AND OFFICE	J. MASSEY	DIGITIZER
ACTIVITIES	J. MASSEY	DATA PROCESSER

76-40 LISTING	PHOTOGRAMMETRIC BRANCH COASTAL MAPPING DIVISION	NATIONAL OCEAN SURVEY NOAA DEPARTMENT OF COMMERCE USA	770818
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SVY TP-00862 *	* RPT UNIT	CMD ROCKVILLE, MD.	* PAGE 5 OF 5 *
JOB CM-7403 *	LANDMARKS FOR CHARTS	STATE NEW YORK	
PRJ HUDSON R. *	TO BE REVISED	LOCALITY WEST POINT	*ORIGINATING ACTIVITY*
DTM NA 1927 *		DATE 07/29/77	* COMPILATION *

THE FOLLOWING OBJECTS HAVE NOT BEEN INSPECTED FROM SEAWARD TO DETERMINE THEIR VALUE AS LANDMARKS *

* DESCRIPTION *	* POSITION	CMD *	METHOD AND DATE *
CHARTING* RECORD REASON FOR DELETION *	LATITUDE DM	ALTEK*	OF LOCATION *
NAME * PUT TRIANGULATION NAMES IN () *	LONGITUDE DP	DGTZD*	OFFICE * FIELD *AFFECTED*

CHARTED LDMK(S) UNIDENTIFIABLE ON COMPILATION PHOTOGRAPHY

ROTAT. * (BEACON ANTHONYS NOSE, 1938) *	41 19 08.39	258.8	NOT *		
AERO *	73 58 30.92	719.2	DGTZD*		282 *

CHARTED LDMK(S) NOT VISIBLE ON COMPILATION PHOTOS AND APPEAR DESTROYED. CONDITION OF TRIANGULATION STATION IS UNKNOWN.

TOWER * (CLOK, 1932) *	41 22 16.97	523.5	NOT *		
	73 57 45.23	1051.1	DGTZD*		282 *

TYPE OF ACTION

NAMES OF RESPONSIBLE PERSONNEL

ORIGINATOR

POSITIONS DETERMINED
AND/OR VERIFIED BY
FIELD AND OFFICE
ACTIVITIES

NO FIELD EDIT-CLASS 111 MAP
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J. MASSEY
J. MASSEY

FIELD REPRESENTATIVE
OFFICE COMPILER
DIGITIZER
DATA PROCESSER

