

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. III Edition No.

LOCALITY

StateNew York - New Jersey.....
General Locality ..Hudson River.....
Locality ..West Point.....

1975 TO 19

REGISTRY IN ARCHIVES

DATE

DESCRIPTIVE REPORT - DATA RECORD

TYPE OF SURVEY

- ☒ ORIGINAL
☐ RESURVEY
☐ REVISED

SURVEY TP. 00862

MAP EDITION NO. ()

MAP CLASS III

JOB PHX-CM-7403

PHOTOGRAMMETRIC OFFICE

Coastal Mapping Division
Rockville, Maryland

OFFICER-IN-CHARGE

Cdr. James Collins

LAST PRECEDING MAP EDITION

TYPE OF SURVEY

- ☐ ORIGINAL
☐ RESURVEY
☐ REVISED

JOB PH. _____

MAP CLASS _____

SURVEY DATES:

19__ TO 19__

I. INSTRUCTIONS DATED

1. OFFICE

Aerotriangulation Sept. 3, 1975
Compilation Oct. 21, 1975

2. FIELD

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)

STATE

New York

ZONE

East

5. SCALE

1:20,000

STATE

ZONE

III. HISTORY OF OFFICE OPERATIONS

OPERATIONS		NAME	DATE
1. AEROTRIANGULATION METHOD: Analytic	BY	Don O. Norman	Oct. 75
LANDMARKS AND AIDS BY			
2. CONTROL AND BRIDGE POINTS METHOD: Coradi	PLOTTED BY	L. Harrod	Mar. 76
CHECKED BY			
3. STEREOSCOPIC INSTRUMENT COMPILATION	PLANIMETRY BY	J. Massey	Dec. 76
CHECKED BY		J. Gerlach	Dec. 76
INSTRUMENT: Wild B-8 Stereoplotter		NA	
SCALE: 1:20,000		NA	
CHECKED BY			
4. MANUSCRIPT DELINEATION	PLANIMETRY BY	J. Massey	Jan. 77
CHECKED BY		J. Gerlach	Jan. 77
METHOD: Inked from B-8 Worksheet		NA	
SCALE: 1:20,000		NA	
HYDRO SUPPORT DATA BY		NA	
CHECKED BY		NA	
5. OFFICE INSPECTION PRIOR TO FIELD EDIT	BY		
6. APPLICATION OF FIELD EDIT DATA	BY	Field edit postponed	Nov. 76
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. Cator	Oct. 77

TP-00862
COMPILATION SOURCES

1. COMPILATION PHOTOGRAPHY

CAMERA(S) C f = 88.47 mm		TYPES OF PHOTOGRAPHY LEGEND (C) COLOR (P) PANCHROMATIC (I) INFRARED		TIME REFERENCE	
TIDE STAGE REFERENCE ☐ PREDICTED TIDES ☐ REFERENCE STATION RECORDS ☐ TIDE CONTROLLED PHOTOGRAPHY				ZONE 5th MERIDIAN 75th	☒ STANDARD ☐ 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 (<i>Triangulation Stations</i>) BY LOCATED (<i>Field Methods</i>) 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	
	DATE OF PHOTOGRAPHY	DATE OF FIELD EDIT	MAP CLASS ☐ II. ☐ III. ☐ IV. ☐ V. ☐ FINAL	
THIRD EDITION	SURVEY NUMBER TP - _____ (3)	JOB NUMBER PH - _____	TYPE OF SURVEY ☐ REVISED ☐ RESURVEY	
	DATE OF PHOTOGRAPHY	DATE OF FIELD EDIT	MAP CLASS ☐ II. ☐ III. ☐ IV. ☐ V. ☐ FINAL	
FOURTH EDITION	SURVEY NUMBER TP - _____ (4)	JOB NUMBER PH - _____	TYPE OF SURVEY ☐ REVISED ☐ RESURVEY	
	DATE OF PHOTOGRAPHY	DATE OF FIELD EDIT	MAP CLASS ☐ II. ☐ III. ☐ IV. ☐ V. ☐ FINAL	

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.

JOINS JOB NO. CM-7405

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

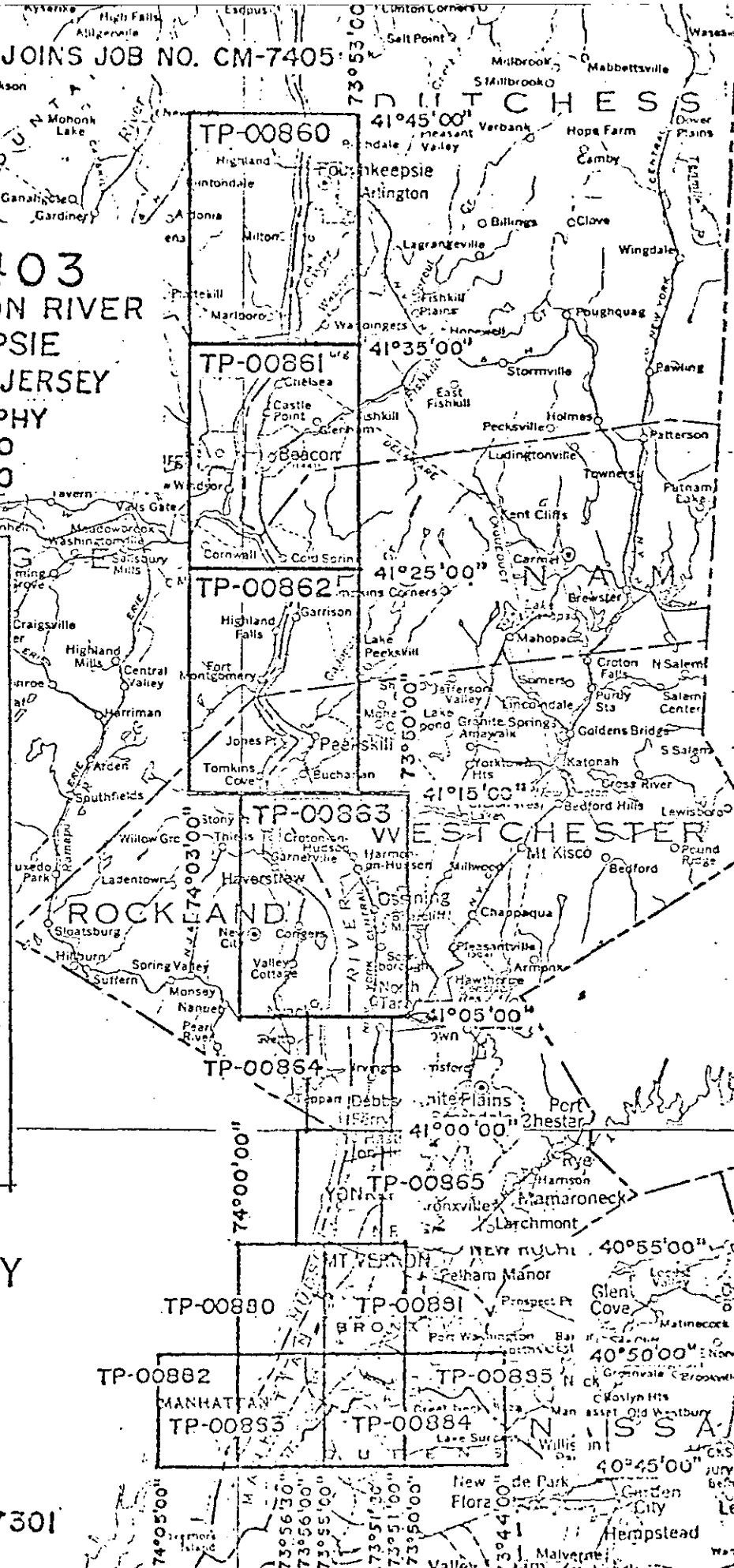
Official Mileage for Cost Accounts

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-00882	4
TP-00883	11
TP-00884	7
TP-00885	7
TOTAL	93

J E R S E Y

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

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

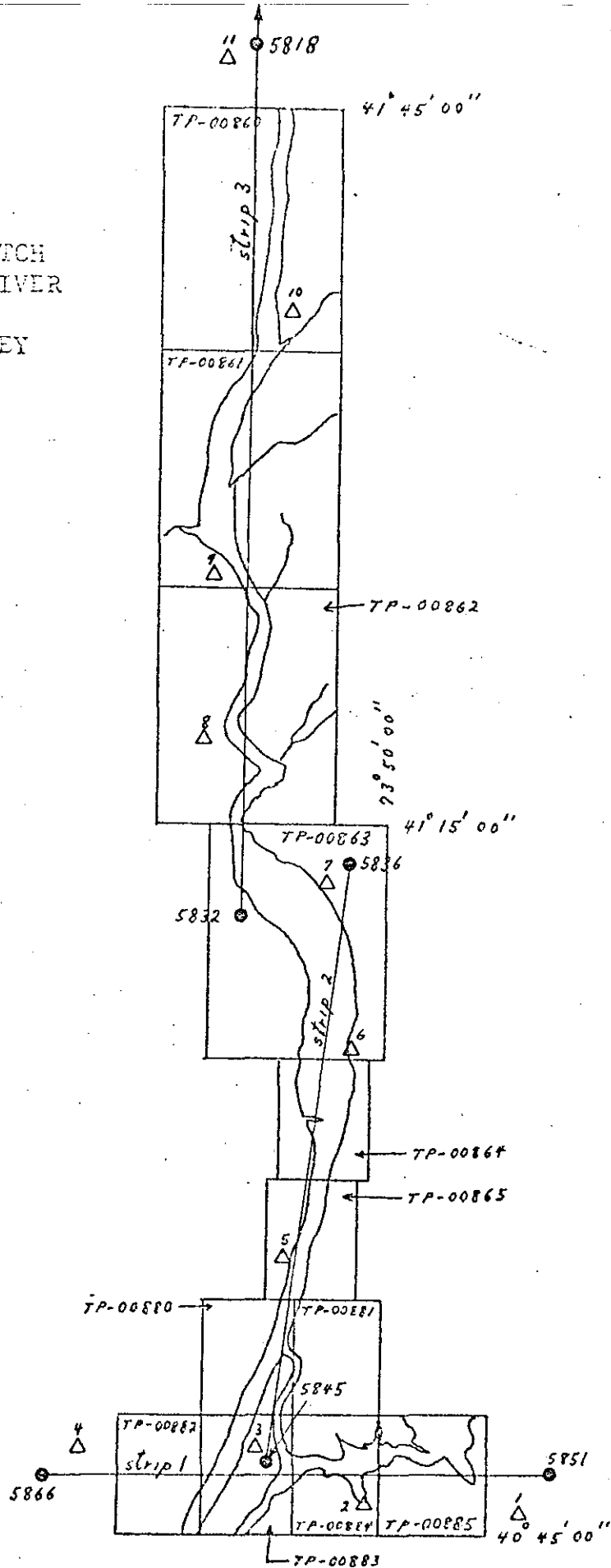
- 3 INTER, 1933 (-0.7, -0.2)
- 5 ALPINE, 1930 (+1.7, +0.8)
- 6 KING, 1932 (-2.2, -1.0)
- 7 LARKIN, 1932 (-1.8, -1.1)

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)

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

BRIDGING PHOTOGRAPHY
 • 75C(c) 1:60000

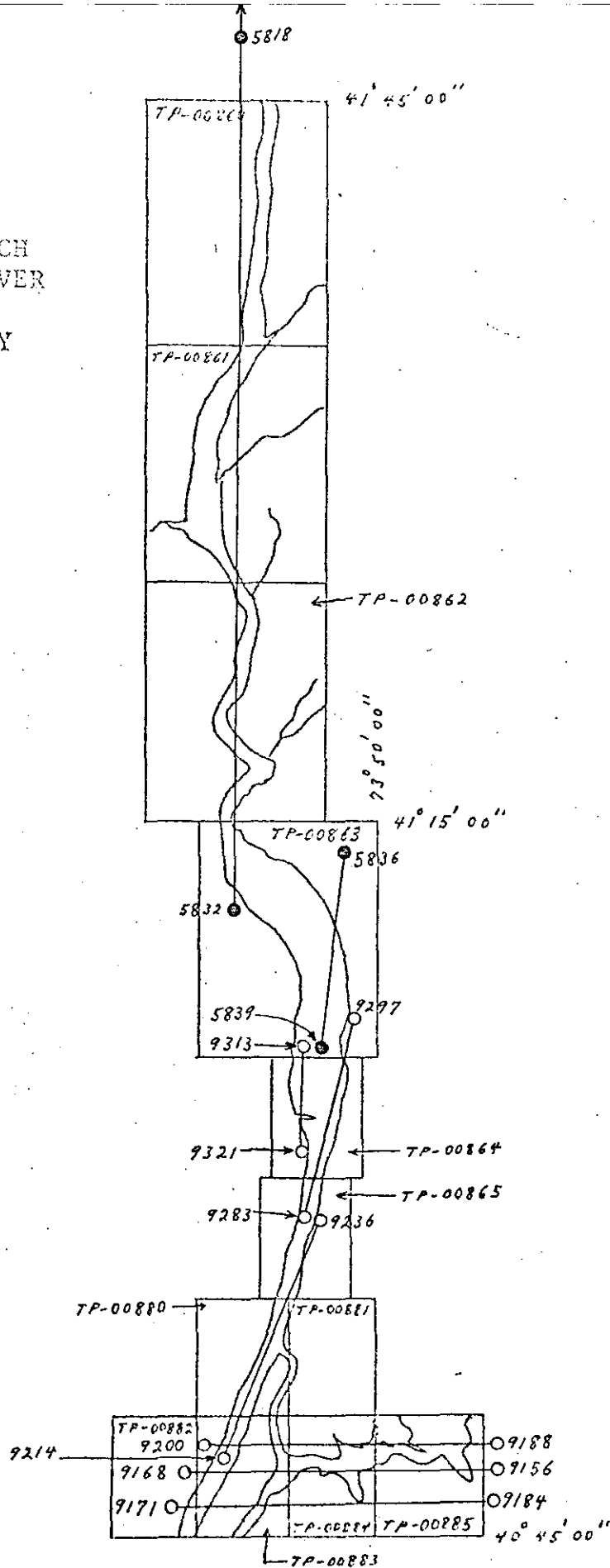


AEROTRIANGULATION SKETCH
 EAST RIVER & HUDSON RIVER
 TO PoughKEEPSIE
 NEW YORK & NEW JERSEY
 CM-7403
 October, 1975

COMPILATION PHOTOGRAPHY

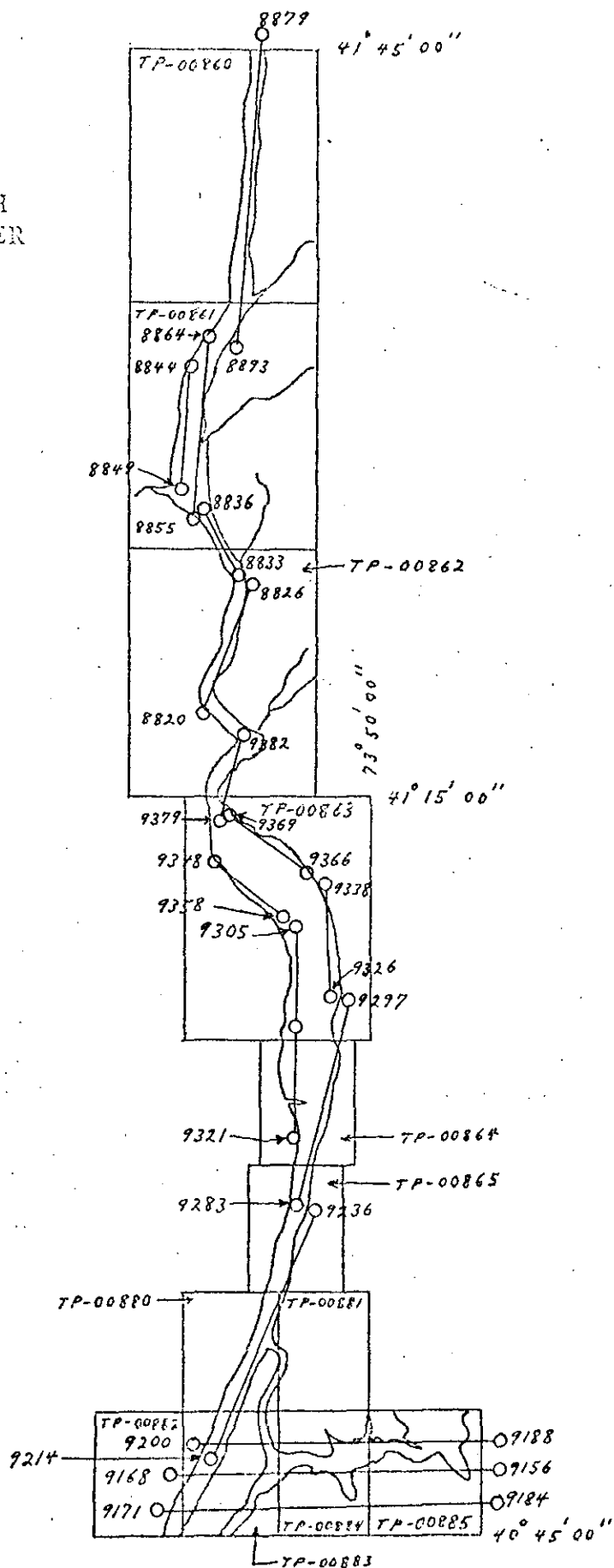
• 75C(c) 1:60000

○ 75E(c) 1:20000



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

RATIO PHOTOGRAPHY
 075E(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.

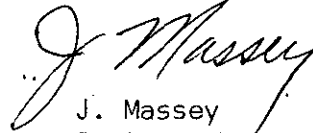
Items to be Applied to Nautical Charts Immediately

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 *

* CHARTING*	* DESCRIPTION	* POSITION	* CMD *	* METHOD AND DATE *	* CHARTS *
* NAME *	* RECORD REASON FOR DELETION	* LATITUDE DM	* ALTEK*	* OF LOCATION	* *AFFECTED*
* 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

DATATAB
VERSION
770818

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

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* -LIGHT * (CONSTITUTION ISLAND LIGHT,      * 41 24 12.12 373.9 NOT * 75C5827 *
* 34 * 1933) * 73 57 36.20 840.9 DGTZD* 05/08/75 *

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[illegible]

* 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

DATATAB
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* SVY TP-00862 *	* RPT UNIT CMD ROCKVILLE, MD. *	* PAGE 3 OF 5 *
* JOB CM-7403 *	* STATE NEW YORK *	
* PRJ HUDSON R. *	* 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 *	* CHARTS *
* NAME * PUT TRIANGULATION NAMES IN () *	* LONGITUDE DP *	* DGTZD* OFFICE * FIELD *	*AFFECTED*

* 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   *          *   STATE  NEW YORK           *
* PRJ  HUDSON R. *          * LOCALITY  WEST POINT        *ORIGINATING ACTIVITY*
* DTM  NA 1927   *          *   DATE   07/29/77           *   COMPILATION      *
*-----*
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* 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 * CHARTS *
* NAME * PUT TRIANGULATION NAMES IN ( ) * LONGITUDE  DP  DGTZD* OFFICE * FIELD *AFFECTED*
*-----*
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*-----*
* 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 *
*-----*
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*-----*
* TANK   * (MONK, 1932)              * 41 22 05.49  169.4 NOT * 75C5828 *
*        *                          * 73 57 02.73   63.4 DGTZD* 05/08/75 *
*-----*
```

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*-----*
* 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 *
*-----*
```

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

```
*-----*
* 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 *
*-----*
```

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

```
*-----*
*        *                          *          *          *
*        *                          *          *          *
*-----*
```

```
*-----*
*        * 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*
*-----*
```

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

```
*-----*
*          * 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 PHOTOGRAMMETRIC BRANCH NATIONAL OCEAN SURVEY NOAA
LISTING COASTAL MAPPING DIVISION DEPARTMENT OF COMMERCE USA

DATATAB
VERSION
770818

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 *

CHARTING*	DESCRIPTION	POSITION	CMD *	METHOD AND DATE	* CHARTS *
NAME *	RECORD REASON FOR DELETION	LATITUDE DM	ALTEK*	OF LOCATION	
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
J. MASSEY
J. MASSEY
J. MASSEY

FIELD REPRESENTATIVE
OFFICE COMPILER
DIGITIZER
DATA PROCESSER

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]