

TP-00880

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TP-00880

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-00880

Classification No. III Edition No.

LOCALITY

State ... New York-New Jersey

General Locality ... Hudson River

Locality ... George Washington Bridge

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		TYPE OF SURVEY ☒ ORIGINAL ☐ RESURVEY ☐ REVISED	
PHOTOGRAMMETRIC OFFICE Cartometric Section Rockville, Maryland OFFICER-IN-CHARGE Commander James Collins		SURVEY TP. <u>00880</u> MAP EDITION NO. () MAP CLASS <u>III</u> JOB <u>OKCM-7403</u>	
PHOTOGRAMMETRIC OFFICE Cartometric Section Rockville, Maryland OFFICER-IN-CHARGE Commander 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		2. FIELD	
Aerotriangulation - Sept. 3, 1975 Compilation - October 21, 1975		April 2, 1975 April 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 STATE New Jersey ZONE	
5. SCALE 1:10,000		STATE New Jersey ZONE	
III. HISTORY OF OFFICE OPERATIONS			
OPERATIONS		NAME	
DATE			
1. AEROTRIANGULATION BY METHOD: Analytic LANDMARKS AND AIDS BY		Don O. Norman 10/75	
2. CONTROL AND BRIDGE POINTS PLOTTED BY METHOD: Coradi CHECKED BY		Lloyd Harrod 3/76	
3. STEREOSCOPIC INSTRUMENT PLANIMETRY BY COMPILATION CHECKED BY INSTRUMENT: Wild B-8 Stereoplotter SCALE: 1:1,400 CHECKED BY		R. Lowrimore 6/76 J. Massey 6/76 N/A N/A	
4. MANUSCRIPT DELINEATION PLANIMETRY BY CHECKED BY METHOD: Inked from B-8 worksheet SCALE: 1:10,000 HYDRO SUPPORT DATA BY CHECKED BY		R. Lowrimore 7/76 J. Massey 7/76 N/A N/A N/A N/A	
5. OFFICE INSPECTION PRIOR TO FIELD EDIT BY		Field Edit postponed 11/76	
6. APPLICATION OF FIELD EDIT DATA BY CHECKED BY		J. B. Phillips 4/77	
7. COMPILATION SECTION REVIEW BY		J. B. Phillips 4/77	
8. FINAL REVIEW BY		J. B. Phillips 4/77	
9. DATA FORWARDED TO PHOTOGRAMMETRIC BRANCH BY		J. B. Phillips 4/77	
10. DATA EXAMINED IN PHOTOGRAMMETRIC BRANCH BY		J. B. Phillips 4/77	
11. MAP REGISTERED - COASTAL SURVEY SECTION BY		R. T. Carter 10/77	

COMPILATION SOURCES

TP-00880

1. COMPILATION PHOTOGRAPHY

CAMERA(S) C=88.47mm E=152.71mm		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 MERIDIAN 75th	☒ STANDARD ☐ DAYLIGHT
NUMBER AND TYPE	DATE	TIME	SCALE	STAGE OF TIDE	
75E(C)9266-77	5/8/75	12:31	1:20,000	Hudson = +0.2 ft. above MLW	
75E(C)9219-30	5/8/75	11:54	1:20,000	Harlem = +0.4 ft. above MLW	
75C(C)5842-44	5/8/75	9:53	1:60,000	Hudson = +0.5 ft. above MLW	
				Harlem = +0.8 ft. above MLW	
				Not applicable	

REMARKS

1:60,000 scale used for bridging
1:20,000 scale used for compiling

2. SOURCE OF MEAN HIGH-WATER LINE:

Since there was no tide-coordinated infrared photography, the mean high water line was compiled from a combination of empirical observations and contouring on the analytical 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-00865	TP-00881	TP-00883	No survey

REMARKS

TP-00880

HISTORY OF FIELD OPERATIONS

I. ☒ FIELD INSPECTION OPERATION☐ FIELD EDIT OPERATION

X Premark.

OPERATION	NAME	DATE
1. CHIEF OF FIELD PARTY	R. S. Tibbitts	
2. HORIZONTAL CONTROL	RECOVERED BY ESTABLISHED BY PRE-MARKED OR IDENTIFIED BY	
	None	
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 BY	
6. PHOTO INSPECTION	CLARIFICATION OF DETAILS BY	
7. BOUNDARIES AND LIMITS	SURVEYED OR IDENTIFIED BY	

II. SOURCE DATA

1. HORIZONTAL CONTROL IDENTIFIED

None on this sheet

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

TP-00880

RECORD OF SURVEY USE

I. MANUSCRIPT COPIES

COMPILATION STAGES			DATE MANUSCRIPT FORWARDED	
DATA COMPILED	DATE	REMARKS	MARINE CHARTS	HYDRO SUPPORT
Shoreline & inshore delineation	June & July 1976	Class III manuscript		
Compilation review	March 1977	Corrections made		
Final review prior to registration	April 1977	Field edit postponed Class III manuscript	10-3-77	

II. LANDMARKS AND AIDS TO NAVIGATION

1. REPORTS TO MARINE CHART DIVISION, NAUTICAL DATA BRANCH

NUMBER	CHART LETTER NUMBER ASSIGNED	DATE FORWARDED	REMARKS
3		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 1:10,000 scale portion of this project: TP-00864, TP-00865 and TP-00880 through TP-00885.

TP-00880 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-- stereo-plotter with 1:20,000 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

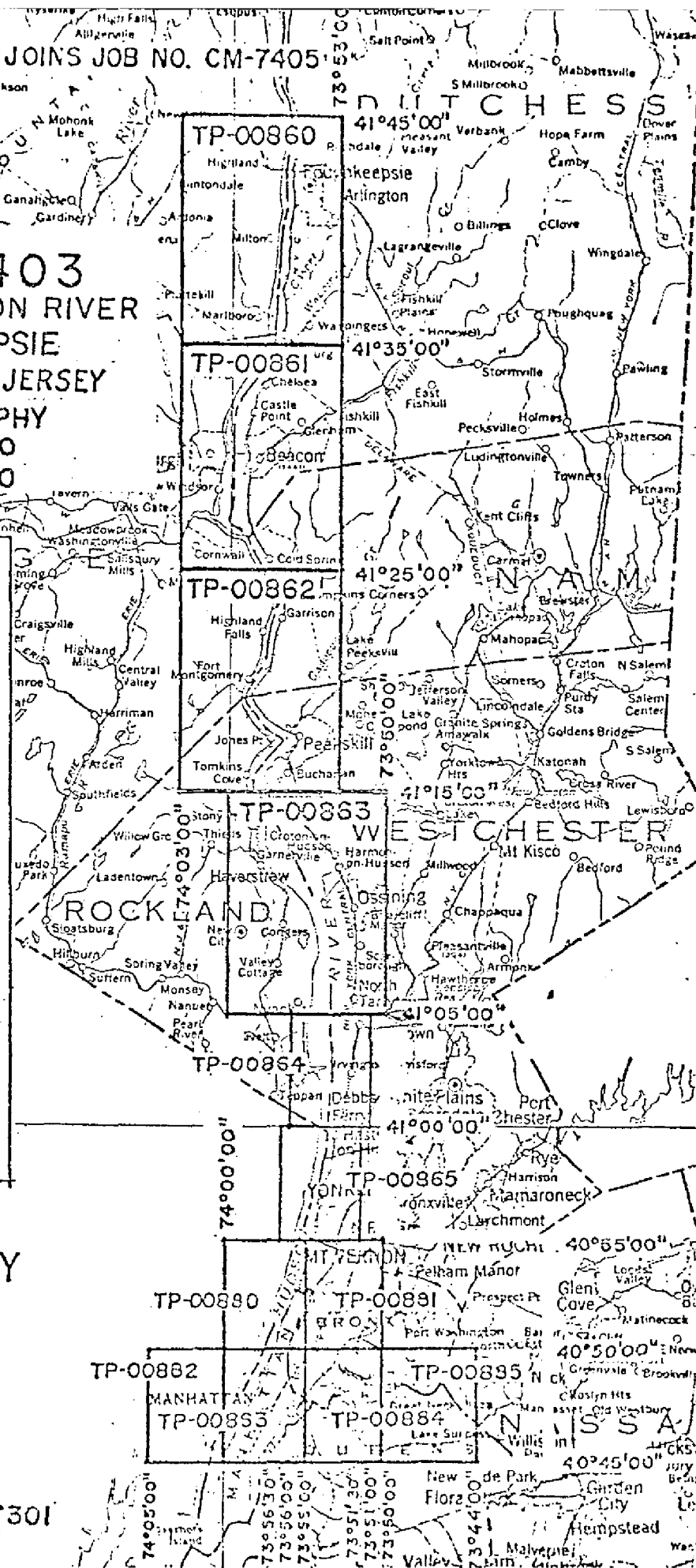
Official Mileage for Cost Accounts

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
2-15-75 RMD

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

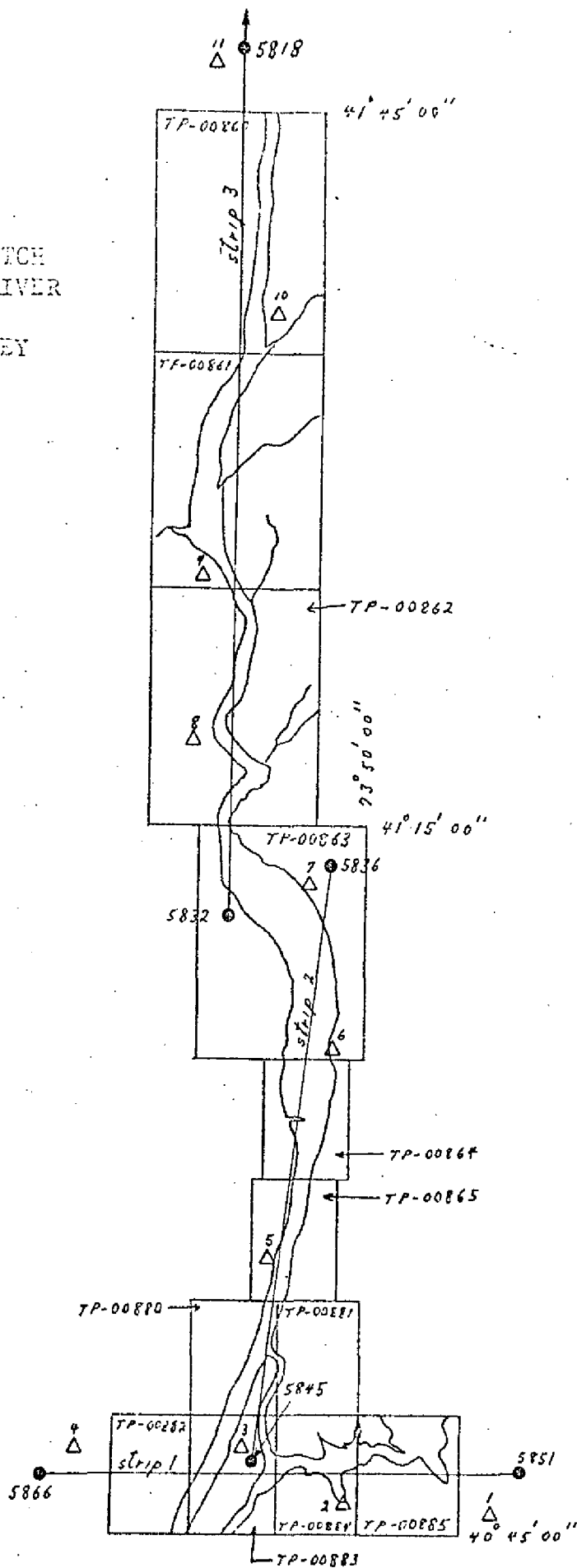
- 3 INTER, 1933 (-0.7, -0.2)
- 5 ALPINE, 1930 (+1.7, +0.8)
- 6 KING, 1932 (-2.2, -1.0)
- 7 LARKIN, 1932 (-1.8, -1.1)

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

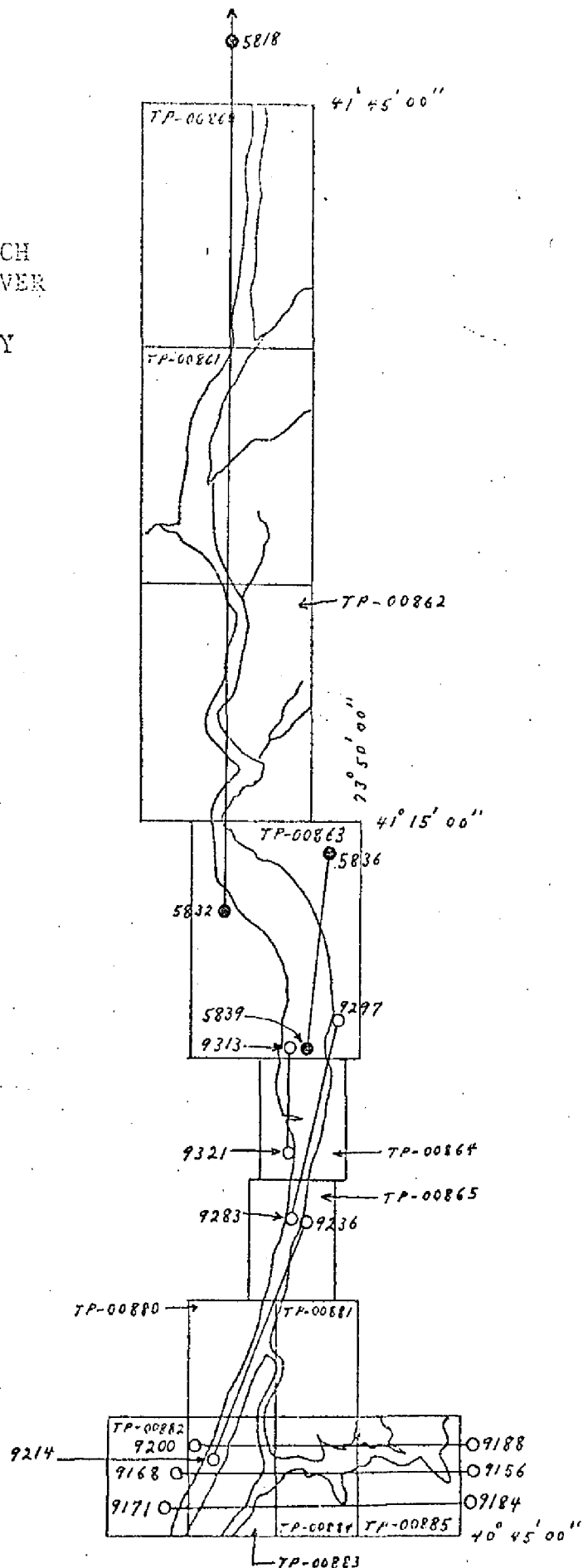
BRIDGING PHOTOGRAPHY
 • 75C(c) 1:60000



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

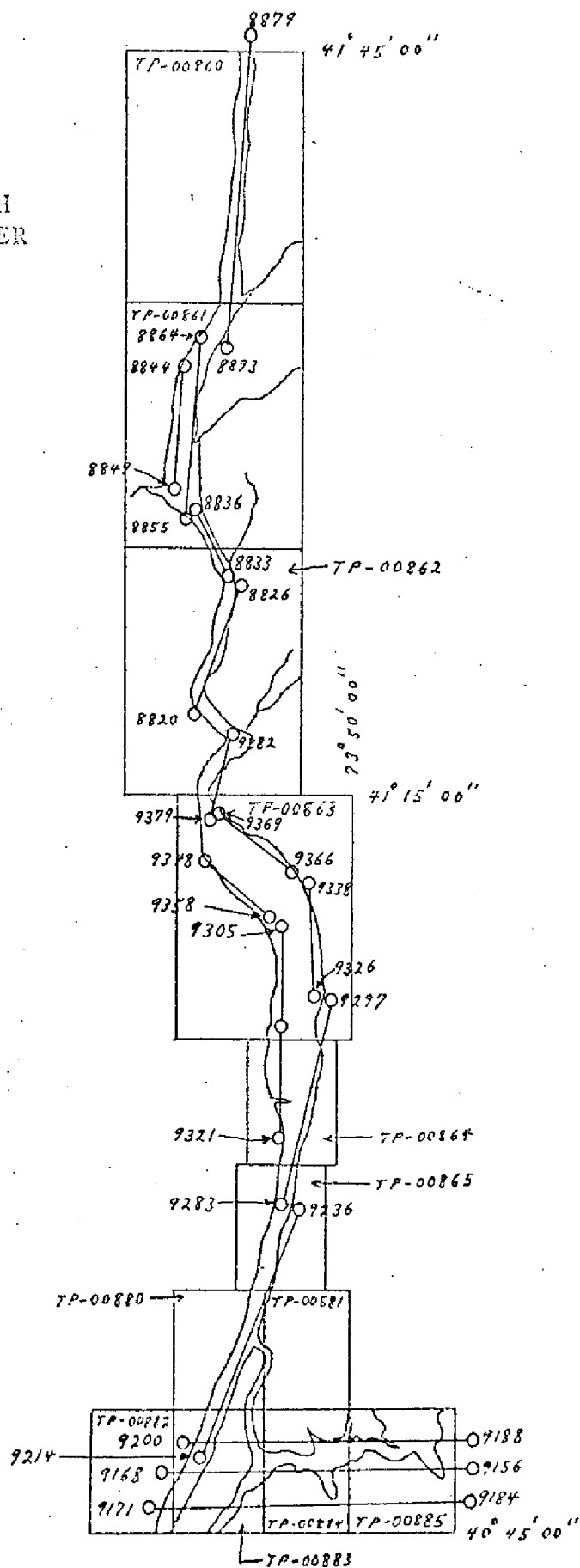
COMPILATION PHOTOGRAPHY

- 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-00880

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 stereoscopically using 1:20,000 color photography. Interior features were compiled graphically 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 stereomodels 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 particular problems in offshore detail was encountered. The N.J. side of the Hudson River should be checked for rocks, groins and quins in the offshore area as indicated on the discrepancy print.

37. Landmarks and Aids

See form 76-40 for landmarks and aids.

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 Plot Report.

41. thru. 45. Not applicable

46. Comparison with Existing Maps

Comparison was made with the 1:24,000 Yonkers, Mount Vernon, and Central Park USGS quads dated 1956-66.

47. Comparison with Nautical Charts

Comparison was made with the following National Ocean Survey charts:

274(12342), 1:10,000, dated February 1973
282(12343), 1:40,000, dated November 1975
746(12341), 1:10,000, dated October 1975
747(12345), 1:10,000, dated March 1974

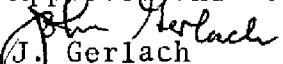
Items to be Applied to Nautical Charts Immediately - None

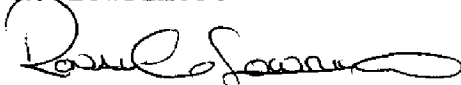
Items to be Carried Forward - None

Submitted by:

R. Lowrimore

Approved and Forwarded:


J. Gerlach
Chief, Cartometric Section



FINAL REVIEW REPORT
CM-7403

Shoreline Survey TP-00880

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. thru 64. Inapplicable

65. Comparison with Nautical Charts

This map was compared with the following:

Chart 12342(274), 1:10,000 scale pub. February 1973

Chart 12341(746), 1:10,000 scale pub. October 1975

Chart 12345(747), 1:10,000 scale pub. March 1974

66. Adequacy of Results and Future Surveys

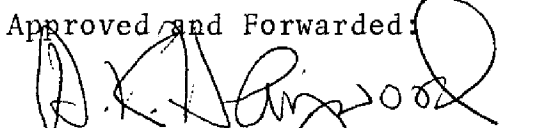
This map meets the National Standards of Map Accuracy and complies with Bureau requirements.

Submitted by:

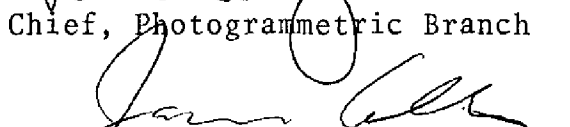


J. B. Phillips
Cartographer

Approved and Forwarded:



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-00880 *
* JOB CM-7403 * LANDMARKS FOR CHARTS
* PRJ HUDSON R. * TO BE REVISED
* DTM NA 1927 *
* RPT UNIT CMD ROCKVILLE, MD. *
* STATE NEW YORK *
* LOCALITY GEO. WASH. BRIDGE *ORIGINATING ACTIVITY*
* 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*
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* CHIM- * (NEW YORK PRESBYTERIAN * 40 50 28.97 893.6 NOT *75E(C)9220*
* NEY * HOSPITAL STACK, 1930) * 73 56 32.00 749.7 DGTZD* 05/08/75 * 746✓ *
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* TOWER *
* * 40 50 32.76 1010.5 *75E(C)9267*
* * 73 55 58.95 1381.0 * 05/08/75 * 274✓ *
```

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* TR ABN * (JEFFREYS HOOK LIGHTHOUSE, * 40 51 00.52 16.0 NOT *75E(C)9267*
* LT HQ, * 1930) * 73 56 50.56 1184.3 DGTZD* 05/08/75 * 747✓
* 746✓ *
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* DOME *
* * 40 51 06.30 194.3 *75E(C)9267*
* * 73 55 44.41 1040.3 * 05/08/75 * 747✓
* 274 *
```

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* CUPOLA * (NEW YORK GEORGE WASHINGTON * 40 51 20.30 626.2 NOT *75E(C)9267*
* * HIGH SCHOOL CUPOLA, 1930) * 73 55 36.82 862.4 DGTZD* 05/08/75 * 747✓
* 274 *
```

```
* CUPOLA *
* * 40 51 10.83 334.1 *75E(C)9267*
* * 73 56 20.85 488.4 * 05/08/75 * 746
* -747✓ *
```

```
* CUPOLA *
* * 40 51 26.44 815.6 *75E(C)9267*
* * 73 56 10.98 257.2 * 05/08/75 * 274
* 747✓ *
```

```
* STACK *
* * 40 51 27.50 848.3 *75E(C)9267*
* * 73 56 11.63 272.4 * 05/08/75 * 274
* -747✓ *
```

```
* S. W. * (NEW YORK POWER HOUSE S.W. * 40 51 33.58 1035.8 NOT *75E(C)9269*
* STACK * STACK, 1930) * 73 55 13.59 318.3 DGTZD* 05/08/75 * 274
* -747✓ *
```

```
* FLG. *
* * 40 51 42.20 1301.7 *75E(C)9267*
* * 73 56 00.24 5.6 * 05/08/75 * 274
* 747✓ *
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* 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 *
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76-40
LISTING

PHOTOGRAMMETRIC BRANCH
COASTAL MAPPING DIVISION

NATIONAL OCEAN SURVEY NOAA
DEPARTMENT OF COMMERCE USA

DATATAB
VERSION
770818

* SVY TP-00880 * * RPT UNIT CMD ROCKVILLE, MD. * PAGE 2 OF 3 *
* JOB CM-7403 * LANDMARKS FOR CHARTS * STATE NEW YORK *
* PRJ HUDSON R. * TO BE REVISED * LOCALITY GEO. WASH. BRIDGE *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
CHARTING RECORD REASON FOR DELETION	LATITUDE DM	ALTEK*	OF LOCATION	* CHARTS *
* NAME * PUT TRIANGULATION NAMES IN () *	LONGITUDE DP	DGTZD*	OFFICE * FIELD	*AFFECTED*

* BELL *	* 40 51 53.50	1650.3	*75E(C)9269*	* 274 *
* TOWER *	* 73 55 55.56	1301.2	* 05/08/75 *	* 747✓ *

* ROCK *	* 40 51 53.18	1640.4	*75E(C)9222*	* *
* *	* 73 57 11.21	262.5	* 05/08/75 *	* 747✓ *

* CROSS *	* 40 52 21.92	676.2	*75E(C)9224*	* *
* *	* 73 57 01.60	37.5	* 05/08/75 *	* 747✓ *

* CUP W *	* 40 52 28.29	872.7	*75E(C)9224*	* *
* CROSS *	* 73 57 00.42	9.8	* 05/08/75 *	* 747✓ *

* MAST *	* 40 52 41.90	1292.5	*75E(C)9224*	* *
* *	* 73 56 44.83	1049.7	* 05/08/75 *	* 747✓ *

* ROCK *	* 40 52 59.56	1837.3	*75E(C)9224*	* *
* *	* 73 56 38.87	910.1	* 05/08/75 *	* 747✓ *

* FULTON *	* 40 52 56.08	1729.9	*75E(C)9226*	* *
* MON. *	* 73 55 07.72	180.7	* 05/08/75 *	* 747✓ *

* *	* *		* *	* *
* *	* *		* *	* *

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

* TANK * (NEW YORK CONSOLIDATED SHIP	* 40 51 19.43	599.4	NOT *	* 274 *
* * BUILDING CORP. TANK, 1930)	* 73 55 10.44	244.5	DGTZD*	* 747✓ *

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
VERSION
770818

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*-----*
* SVY  TP-00880  *      * RPT UNIT  CMD ROCKVILLE, MD.  *   PAGE  3 OF  3   *
* JOB  CM-7403   *      * STATE  NEW YORK                *
* PRJ  HUDSON R. *      * LOCALITY GEO. WASH. BRIDGE  *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*
*-----*
```

* CHARTED LDMK(S) UNIDENTIFIABLE ON COMPILATION PHOTOGRAPHY. *

```
* AERO R * (HUDSON RIVER AERO BEACON N.Y. * 40 51 09.35 298.4 NOT see revised * 746✓ *
* W + G * 1932) * 73 56 33.25 778.8 DGTZD* listing on following page * 747✓ *
```

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* FLAG- * (FORT LEE CHRISTIAN ORPHAN * 40 50 43.00 1326.4 NOT * * 746✓ *
* POLE * HOME FLAGPOLE, 1932) * 73 58 10.66 249.7 DGTZD* * 746✓ *
```

* CHARTED LDMK(S) UNIDENTIFIABLE ON COMPILATION PHOTOGRAPHY
APPROXIMATE POSITION SCALED FROM EXISTING CHART. *

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* SQUARE *      * 40 50 34.00 1048.8 NOT * * *
* STA. *      * 73 55 57.00 1335.3 DGTZD* * 274 *
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*-----*
*      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 *
*-----*
```

Replaces C&GS Form 567.

NONFLOATING AIDS OR LANDMARKS FOR CHARTS

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

ORIGINATING ACTIVITY

- | | |
|-------------------------------------|-------------------------------|
| ☐ | HYDROGRAPHIC PARTY |
| ☐ | GEODETIC PARTY |
| ☐ | PHOTO FIELD PARTY |
| ☐ | COMPILATION ACTIVITY |
| ☐ | FINAL REVIEWER |
| ☒ | QUALITY CONTROL & REVIEW GRP. |
| ☐ | COAST PILOT BRANCH |

(See reverse for responsible personnel)

DATE 11-8-77

LOCALITY
Hudson River

DATE _____
New York

REPORTING UNIT
Field Party, Ship or Office)
Quality Control

The following objects HAVE ☐ HAVE NOT ☐ been inspected from seaward to determine their value as landmarks.

OPER PROJECT NO.	JOB NUMBER	SURVEY NUMBER	DATUM
		1	

DATUM

SURVEY NUMBER

JOB NUMBER	DATE	TIME	LOCATION	DESCRIPTION	REMARKS
101	10/10/2023	08:00	Site A	Initial Survey	Established baseline and control points.
102	10/10/2023	09:30	Site A	Topographic Survey	Measured elevations and distances for the main area.
103	10/10/2023	11:00	Site A	Detail Survey	Collected data for building footprints and infrastructure.
104	10/10/2023	13:00	Site B	Initial Survey	Established baseline and control points.
105	10/10/2023	14:30	Site B	Topographic Survey	Measured elevations and distances for the main area.
106	10/10/2023	16:00	Site B	Detail Survey	Collected data for building footprints and infrastructure.
107	10/10/2023	17:30	Site C	Initial Survey	Established baseline and control points.
108	10/10/2023	19:00	Site C	Topographic Survey	Measured elevations and distances for the main area.
109	10/10/2023	20:30	Site C	Detail Survey	Collected data for building footprints and infrastructure.

OPR PROJECT NO.

U. A. 1927

TP-00880

CM-7403.

DESCRIPTION
Record reason for deletion of landmark or aid to navigation.
Show triangulation station name s , where applicable, in parentheses.)

LATITUDE		LONGITUDE	
° /	"	° /	"
D.M. Meters		D.P. Meters	

OFFICE	FIELD
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100	100

AFFECTED

Aero R W + G	Charted Ldink Under Titled (HUDSON RIVER AERO BEACON N.Y., 1932)
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40° 51'	0186	73° 56'	48.85
	57.37		1144.27

746	747
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		the position for this was listed in error &
		This listing is the

triangulation	Step
in the original 78	
correct position.	

5

820112			
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RESPONSIBLE PERSONNEL		ORIGINATOR
TYPE OF ACTION		☐ PHOTO FIELD PARTY ☐ HYDROGRAPHIC PARTY ☐ GEODETIC PARTY ☐ OTHER (Specify)
OBJECTS INSPECTED FROM SEAWARD		
POSITIONS DETERMINED AND/OR VERIFIED		FIELD ACTIVITY REPRESENTATIVE
FORMS ORIGINATED BY QUALITY CONTROL AND REVIEW GROUP AND FINAL REVIEW ACTIVITIES	<i>J. Phillips</i>	☒ REVIEWER ☐ QUALITY CONTROL AND REVIEW GROUP REPRESENTATIVE
INSTRUCTIONS FOR ENTRIES UNDER 'METHOD AND DATE OF LOCATION' (Consult Photogrammetric Instructions No. 64)		
OFFICE I. OFFICE IDENTIFIED AND LOCATED OBJECTS Enter the number and date (including month, day, and year) of the photograph used to identify and locate the object. EXAMPLE: 75E(C)6042 8-12-75	FIELD (Cont'd) B. Photogrammetric field positions** require entry of method of location or verification, date of field work and number of the photograph used to locate or identify the object. EXAMPLE: P-8-V 8-12-75 74L(C)2982	
FIELD I. NEW POSITION DETERMINED OR VERIFIED Enter the applicable data by symbols as follows: F - Field L - Located V - Verified 1 - Triangulation 2 - Traverse 3 - Intersection 4 - Resection 5 - Field Identified 6 - Theodolite 7 - Planetable 8 - Sextant A. Field positions* require entry of method of location and date of field work. EXAMPLE: F-2-6-L 8-12-75 **FIELD POSITIONS are determined by field observations based entirely upon ground survey methods.	II. TRIANGULATION STATION RECOVERED When a landmark or aid which is also a triangulation station is recovered, enter 'Triang. Rec.' with date of recovery. EXAMPLE: Triang. Rec. 8-12-75 III. POSITION VERIFIED VISUALLY ON PHOTOGRAPH Enter 'V-Vis.' and date. EXAMPLE: V-Vis. 8-12-75 **PHOTOGRAMMETRIC FIELD POSITIONS are dependent entirely, or in part, upon control established by photogrammetric methods.	

FILE WITH DESCRIPTIVE REPORT OF SURVEY NO. *TP00880*

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.

FORM C&GS-8352 SUPERSEDES ALL EDITIONS OF FORM C&GS-975. USCMM-DC 8558-P63