

TP-00884

TP-00884

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-00884
Classification No.	III
Edition No.	
LOCALITY	
State	NEW YORK
General Locality	Hudson River
Locality	Flushing Bay
1975 TO 19	
REGISTRY IN ARCHIVES	
DATE	

DESCRIPTIVE REPORT - DATA RECORD

TYPE OF SURVEY

- ☒ ORIGINAL
☐ RESURVEY
☐ REVISED

SURVEY TP.00884

MAP EDITION NO. ()

MAP CLASS III

JOB ~~XX~~CM-7403

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

Aerotriangulation - Sept. 3, 1975
Compilation - October 21, 1975

2. FIELD

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

5. SCALE

1:10,000

STATE

New York

ZONE

Long Island

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	S. Solbeck	10/75
3. STEREOSCOPIC INSTRUMENT PLANIMETRY BY COMPILATION CHECKED BY	J. McNamara J. Massey	2/76 2/76
INSTRUMENT: Wild B-8 stereoplottor SCALE: 1:1,400	CONTOURS BY CHECKED BY	N/A N/A
4. MANUSCRIPT DELINEATION PLANIMETRY BY CHECKED BY	J. McNamara J. Massey	2/76 3/76
METHOD: Inked from B-8 worksheet SCALE: 1:10,000	CONTOURS BY CHECKED BY	N/A N/A
HYDRO SUPPORT DATA BY CHECKED BY	N/A N/A	
5. OFFICE INSPECTION PRIOR TO FIELD EDIT BY		
6. APPLICATION OF FIELD EDIT DATA BY CHECKED BY	Field edit postponed	11/76
7. COMPILATION SECTION REVIEW BY		
8. FINAL REVIEW BY	J. B. Phillips	7/77
9. DATA FORWARDED TO PHOTOGRAMMETRIC BRANCH BY		
10. DATA EXAMINED IN PHOTOGRAMMETRIC BRANCH BY		
11. MAP REGISTERED - COASTAL SURVEY SECTION BY	R.T. Cator	10/77

TP-00884

COMPILATION SOURCES

1. COMPILATION PHOTOGRAPHY

CAMERA(S) C=88.47mm E=152.71mm		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	
75E(C)9193-97	5/8/75	11:54	1:20,000	+5.0 ft. above MLW	
75E(C) 9160-64	5/8/75	11:27	1:20,000	+5.5 ft. above MLW	
75E(C)9176-80	5/8/75	11:43	1:20,000	+5.2 ft. above MLW	
75C(C)5856-58	5/8/75	10:17	1:60,000	Not applicable	

REMARKS

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

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-00881	TP-00885	No survey	TP-00883

REMARKS

TP-00884

HISTORY OF FIELD OPERATIONS

I. ☒ FIELD INSPECTION OPERATION☐ FIELD EDIT OPERATION Premark

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	4/11/75
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 premark

2. VERTICAL CONTROL IDENTIFIED

None

PHOTO NUMBER	STATION NAME	PHOTO NUMBER	STATION DESIGNATION
	School, 1932		

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

Accompanying section of quadrangle map.

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

None

TP-00884

RECORD OF SURVEY USE

I. MANUSCRIPT COPIES

COMPILATION STAGES			DATE MANUSCRIPT FORWARDED	
DATA COMPILED	DATE	REMARKS	MARINE CHARTS	HYDRO SUPPORT
Shoreline and inshore details	Feb. 1976	Class III manuscript		
Compilation Review	Jan. 1977	Corrections made		
Final review prior to registration	July 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
6		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 1:10,000 scale portion of this project: TP-00864, TP-00865 and TP-00880 through TP-00885.

TP-00884 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

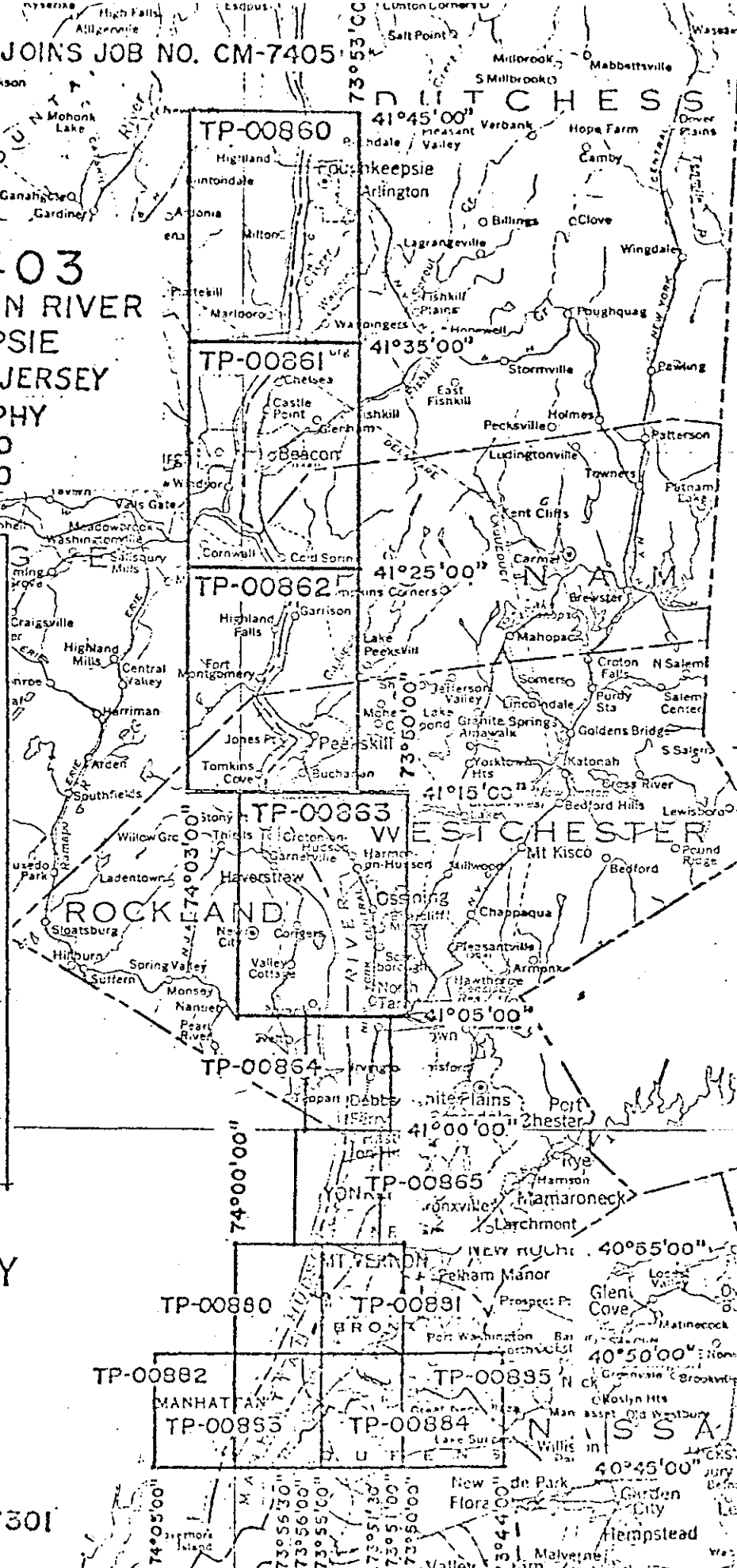
Official Mileage for Cost Accounts

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 RMM
 2-15-75 DMB.

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

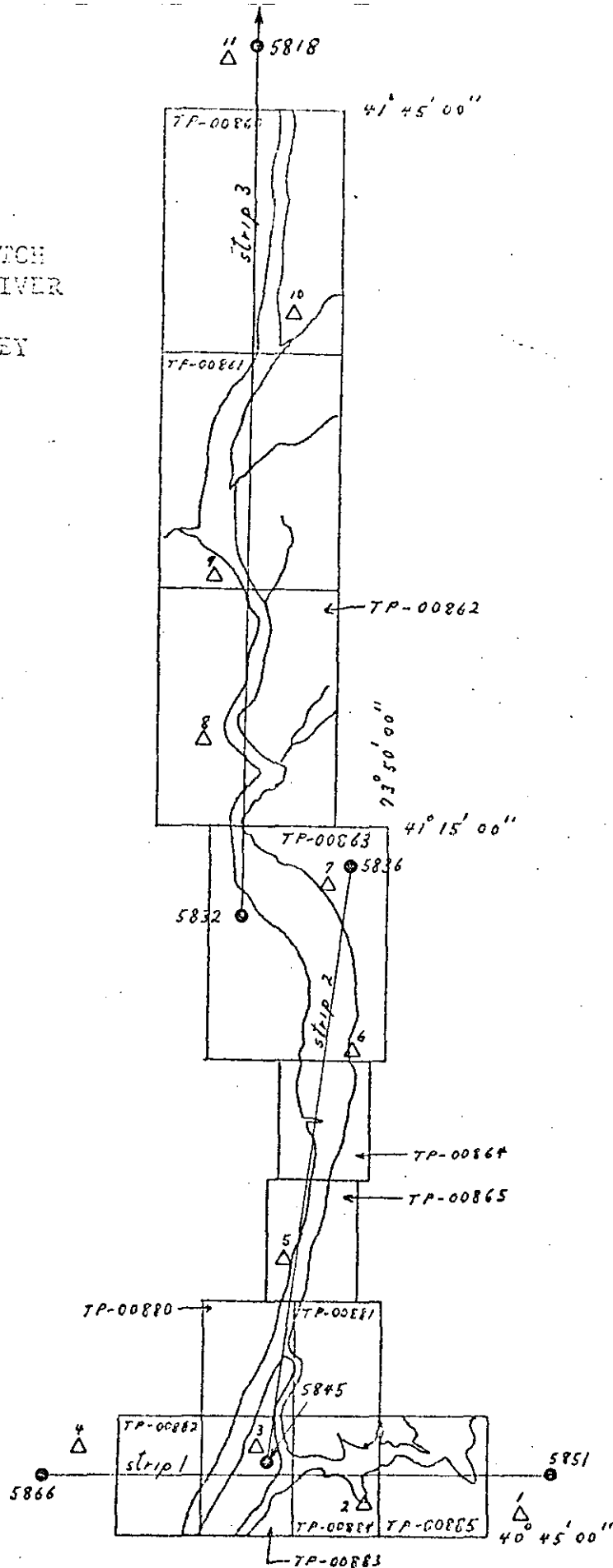
- 3 INTER, 1933 (-0.7, -0.2)
- 5 ALPINE, 1930 (+1.7, +0.8)
- 6 KING, 1932 (-2.2, -1.0)
- 7 LARKIN, 1932 (-1.8, -1.1)

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)

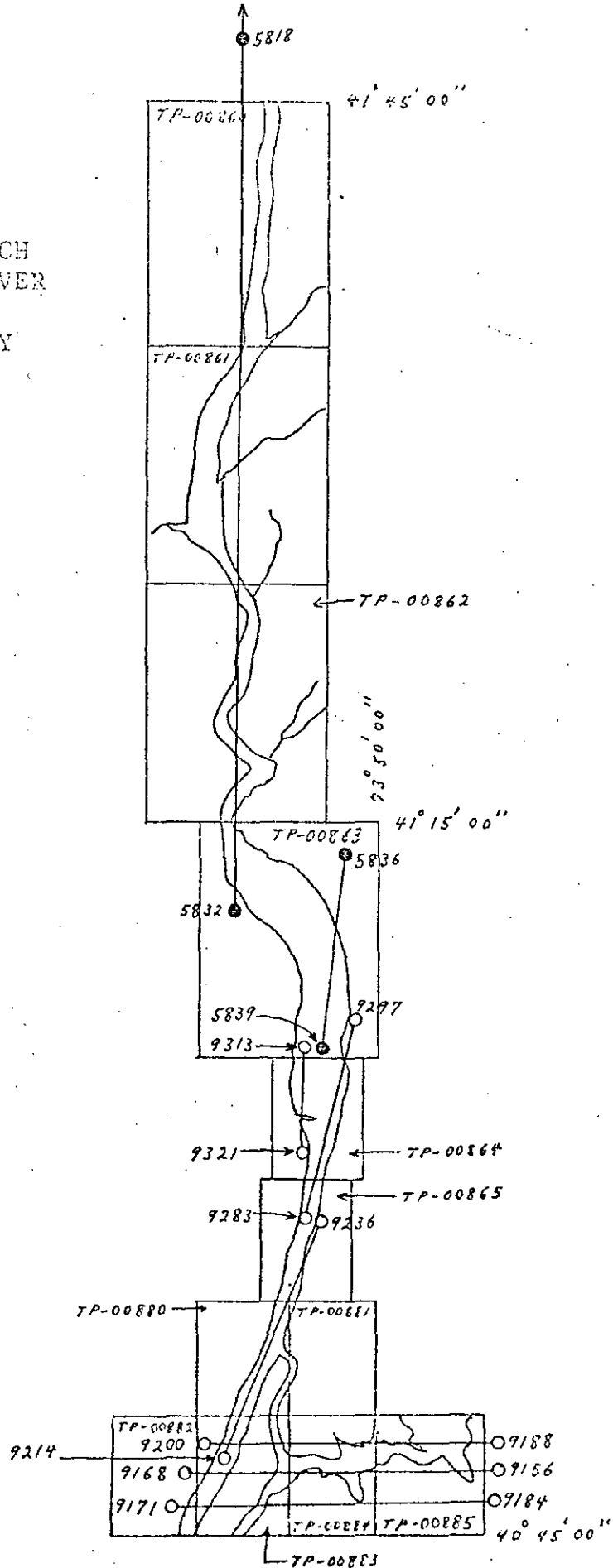
AEROTRIANGULATION SKETCH
 EAST RIVER & HUDSON RIVER
 TO POUGHKEEPSIE
 NEW YORK & NEW JERSEY
 CM-7403
 October, 1975

BRIDGING PHOTOGRAPHY
 •75C(c) 1:60000



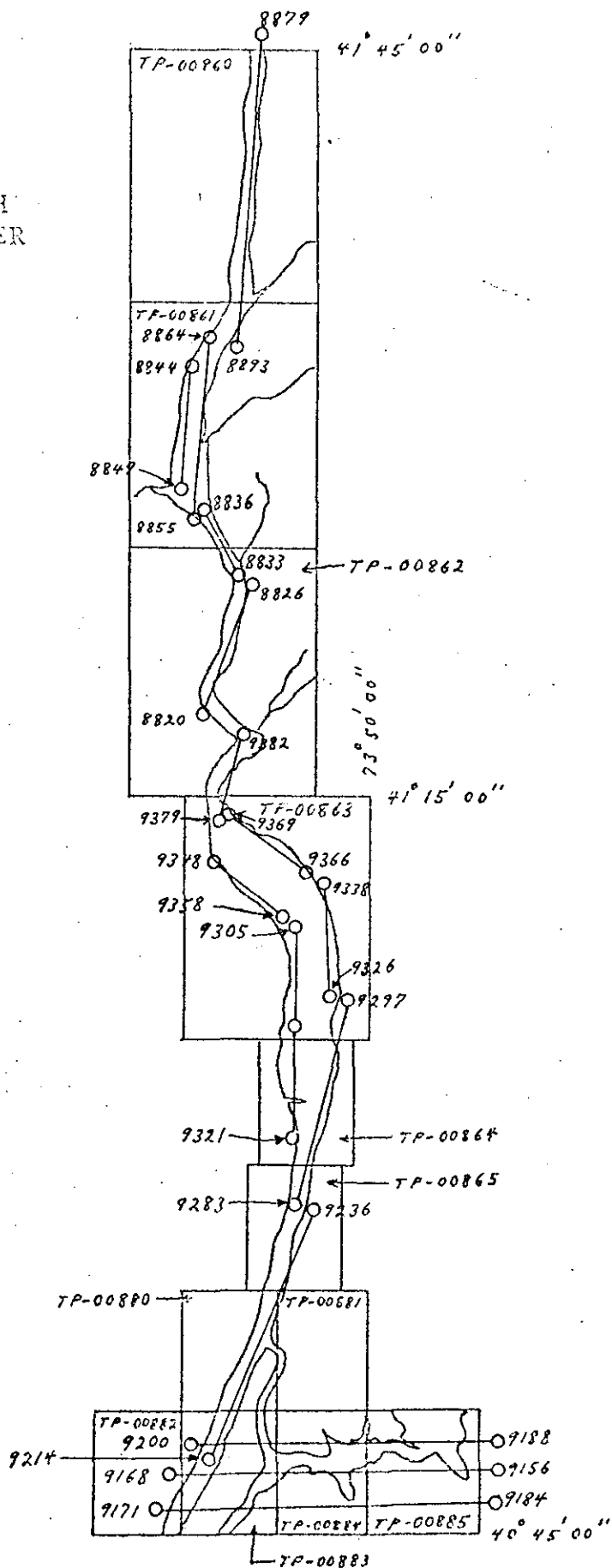
COMPI LATION PHOTOGRAPHY

0 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-00884

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.

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

The field editor should investigate thoroughly all offshore details.

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. thru 45. Not applicable.

46. Comparison with Existing Maps

Comparison was made with the 1:24,000 Flushing (1955-66) USGS quadrangle.

47. Comparison with Nautical Charts

Comparison was made with the following National Ocean Survey charts:

226 (12339), 1:10,000, dated September 1975
274 (12342), 1:10,000, dated February 1973
369 (12327), 1:40,000, dated November 1975

Items to be Applied to Nautical Charts Immediately - None

Items to be Carried Forward - None

Submitted by:

Approved and Forwarded

John Gerlach
J. Gerlach, Chief, Cartometric Section

J. McNamara

James McNamara

FINAL REVIEW REPORT
CM-7403

Shoreline Survey TP-00884

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 12339 (226), 1:10,000 scale, pub. September 1974
Chart 12327 (369), 1:40,000 scale, pub. February 1975
Chart 12342 (274), 1:10,000 scale, pub. February 1973
Chart 12366 (223), 1:20,000 scale, pub. February 1975

66. Adequacy of Results and Future Surveys

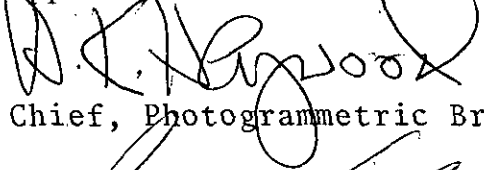
This map meets the National Standards of Map Accuracy and complies with Bureau requirements.

Submitted by:

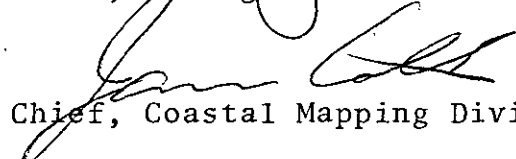


J. B. Phillips
Cartographer

Approved 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

* SVY TP-00884 * * RPT UNIT CMD ROCKVILLE, MD. * PAGE 1 OF 6 *
* JOB CM-7403 * NONFLOATING AIDS FOR CHARTS * STATE NEW YORK *
* PRJ HUDSON R. * TO BE REVISED * LOCALITY FLUSHING BAY *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		

DESCRIPTION	POSITION	CMD	METHOD AND DATE	CHARTS	AFFECTED
-------------	----------	-----	-----------------	--------	----------

EAST RIVER MAIN CHANNEL					
----------------------------	--	--	--	--	--

LIGHT COLLEGE POINT REEF LIGHT	40 47 51.13	1577.2	NOT 75E9161		
(COLLEGE PT. REEF BCN., 1932)	73 51 04.89	114.6	DGTZD 05/08/75	226	

LIGHT NORTH BROTHER ISLAND NORTH	40 48 08.13	250.8	75E9163	274	
LIGHT	73 53 56.22	1317.9	05/08/75	226	

LIGHT SOUTH BROTHER ISLAND LIGHT	40 47 50.53	1558.7	75E9163	274	
	73 53 54.70	1282.3	05/08/75	226	

LIGHT NORTH BROTHER ISLAND LIGHT	40 47 56.83	1753.0	75E9163	274	
	73 53 59.46	1393.9	05/08/75	226	

LIGHT SUNKEN MEADOW LIGHT 16	40 47 30.56	942.7	NOT 75E9164	274	
16 (SUNKEN MEADOW BEACON, 1932)	73 54 56.65	1328.2	DGTZD 05/08/75	226	

EAST RIVER FLUSHING BAY					
----------------------------	--	--	--	--	--

-LIGHT (FLUSHING BAY BEACON NO. 2.	40 46 28.21	870.2	NOT 75E9178		
8 1932)	73 51 21.40	501.9	DGTZD 05/08/75	226	

-LIGHT	40 45 57.42	1771.2	75E9179		
12	73 51 02.92	68.5	05/08/75	226	

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

* SVY TP-00884 * * RPT UNIT CMD ROCKVILLE, MD. * PAGE 2 OF 6 *
* JOB CM-7403 * NONFLOATING AIDS FOR CHARTS * STATE NEW YORK *
* PRJ HUDSON R. * TO BE REVISED * LOCALITY FLUSHING BAY *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*

* * EAST RIVER * * * *
* * SOUTH BROTHER ISLAND CHANNEL * * * *

* -RANGE * * 00 00 00.00 0.0 NOT *UNVERIFIED* *
* F. LT. * * 00 00 00.00 0.0 DGTZD* * 226 *

* -RANGE * * 40 46 33.33 1028.1 * 75E9163 *
* R. LT. * * 73 53 44.46 1042.6 * 05/08/75 * 226 *

* LIGHT * STEINWAY CREEK WHARFLIGHT * 00 00 00.00 0.0 NOT *UNVERIFIED* *
* * * 00 00 00.00 0.0 DGTZD* * 226 *

* * EAST RIVER * * * *
* * RIKERS ISLAND CHANNEL * * * *

* LIGHT * LAWRENCE POINT LEDGE LIGHT * 40 47 35.13 1083.6 NOT * 75E9163 * 274 *
* * (LAWRENCE POINT BCN. NY. 1932) * 73 54 15.80 370.4 DGTZD* 05/08/75 * 226 *

* LIGHT * SOUTH BROTHER ISLAND LEDGE LT. * 40 47 32.03 988.0 NOT * 75E9163 * 274 *
* * (SOUTH BROTHER IS. BCN., 1932) * 73 53 56.35 1321.1 DGTZD* 05/08/75 * 226 *

* 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

* SVY TP-00884 * * RPT UNIT CMD ROCKVILLE, MD. * PAGE 3 OF 6 *
* JOB CM-7403 * LANDMARKS FOR CHARTS * STATE NEW YORK *
* PRJ HUDSON R. * TO BE REVISED * LOCALITY FLUSHING BAY *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	

* CLOCK	* (FLUSHING W. J. SLOAN MASTER	* 40 45 38.22	1179.0	NOT *	75E9180 *	
* TOWER	* CRAFTSMAN BLDG CLOCK TWR, 1932)	* 73 50 10.06	236.0	DGTZD*	05/08/75 *	226
* STACK	* ✓	* 40 45 54.18	1671.3	* 75E9180 *		
		* 73 50 28.44	667.0	* 05/08/75 *		226
* STACK	* ✓	* 40 46 05.86	180.8	* 75E9180 *		
		* 73 50 22.42	525.8	* 05/08/75 *		226
* TANK	* ✓ (ASTORIA YELLOW TANK, 1932)	* 40 46 10.08	310.9	NOT *	75E9177 *	
		* 73 54 15.87	372.2	DGTZD*	05/08/75 *	226
* TOWER	* CONTROL TOWER	* 40 46 31.46	970.4	* 75E9178 *		
		* 73 52 29.77	698.1	* 05/08/75 *		226
* HO.	* ✓	* 40 46 43.33	1336.6	* 75E9163 *		
* CUP.	*	* 73 53 51.34	1203.9	* 05/08/75 *		226
* STACK	* ✓	* 40 46 49.84	1537.4	* 75E9163 *		369
		* 73 54 00.31	7.3	* 05/08/75 *		226
* STACK	* ✓	* 40 47 12.15	374.8	* 75E9164 *		
		* 73 54 50.08	1174.2	* 05/08/75 *		226
* STACK	* ✓	* 40 47 12.36	381.3	* 75E9164 *		
		* 73 54 49.77	1166.9	* 05/08/75 *		226
* STACK	* ✓	* 40 47 13.53	417.4	* 75E9164 *		
		* 73 54 48.27	1131.8	* 05/08/75 *		226

* 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

76-40 PHOTOGRAMMETRIC BRANCH NATIONAL OCEAN SURVEY NOAA
LISTING COASTAL MAPPING DIVISION DEPARTMENT OF COMMERCE USA

* SVY TP-00884 * * RPT UNIT CMD ROCKVILLE, MD. * PAGE 4 OF 6 *
* JOB CM-7403 * LANDMARKS FOR CHARTS * STATE NEW YORK *
* PRJ HUDSON R. * TO BE REVISED * LOCALITY FLUSHING BAY * 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	AFFECTED
NAME PUT TRIANGULATION NAMES IN ()	LONGITUDE DP	DGTZD	OFFICE FIELD	

STACK	40 47 13.74	423.8	75E9164	226
	73 54 48.03	1126.1	05/08/75	
STACK	40 47 15.09	465.5	75E9164	226
	73 54 46.38	1087.4	05/08/75	
STACK	40 47 15.33	472.9	75E9164	226
	73 54 46.11	1081.1	05/08/75	
STACK	40 47 16.31	503.1	75E9164	226
	73 54 44.84	1051.3	05/08/75	
STACK	40 47 16.61	512.4	75E9164	226
	73 54 44.55	1044.5	05/08/75	
STACK	40 47 17.48	539.2	75E9164	226
NEW THIS SURVEY	73 54 43.36	1016.6	05/08/75	
STACK	40 47 17.73	546.9	75E9164	226
NEW THIS SURVEY	73 54 43.02	1008.7	05/08/75	
STACK	40 47 22.97	708.5	75E9164	226
	73 54 36.64	859.0	05/08/75	
TANK	40 47 01.63	50.3	75E9161	226
	73 51 27.16	636.8	05/08/75	
CUPOLA	40 47 36.29	1119.4	75E9161	226
	73 51 06.51	152.6	05/08/75	

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-00884 *	* RPT UNIT CMD ROCKVILLE, MD. *	* PAGE 5 OF 6 *
* JOB CM-7403 *	* STATE NEW YORK *	
* PRJ HUDSON R. *	* LOCALITY FLUSHING BAY *	*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 *	
* NAME * PUT TRIANGULATION NAMES IN () *	* LONGITUDE DP *	* DGTZD*	* OFFICE * FIELD *	*AFFECTED*

* TANK *	* (RIKERS ISLAND PENITENTIARY *	* 40 47 48.50 1496.1 NOT *	* 75E9162 *	* *
* *	* ROOF TANK, 1932) *	* 73 53 20.38 477.8 DGTZD*	* 05/08/75 *	* 226 *

* NOT A TANK ON ROOF BUT AN ELEVATED TANK ON STEEL FRAMEWORK# *

* STACK *	* (RIKERS ISLAND CHIMNEY, 1932) *	* 40 47 48.88 1507.8 NOT *	* 75E9162 *	* *
* *	* *	* 73 53 19.30 452.5 DGTZD*	* 05/08/75 *	* 226 *

* STACK *	* *	* 40 47 49.84 1537.4 *	* 75E9162 *	* *
* *	* *	* 73 53 19.46 456.2 *	* 05/08/75 *	* 226 *

* S.W. *	* (BRONX GAS AND ELECTRIC CO. *	* 40 47 54.09 1668.5 NOT *	* 75E9164 *	* 274 *
* STACK *	* STACK, 1932) *	* 73 54 38.19 895.3 DGTZD*	* 05/08/75 *	* 226 *

* W. *	* *	* 40 48 03.43 105.8 *	* 75E9163 *	* 274 *
* STACK *	* *	* 73 53 59.15 1386.6 *	* 05/08/75 *	* 226 *

* STACK *	* *	* 40 48 24.92 768.7 *	* 75E9163 *	* *
* *	* *	* 73 53 36.04 844.8 *	* 05/08/75 *	* 226 *

* 3 *	* (UNIONPORT STACK SOUTH ONE OF *	* 40 49 28.29 872.7 NOT *	* 75E9193 *	* *
* STACKS *	* 3, 1940) *	* 73 50 33.39 782.4 DGTZD*	* 05/08/75 *	* 223 *

* THREE STACKS ARE SHOWN ON CHART 223, BECAUSE STACKS WERE
* CLOSE TOGETHER ONLY TRIANGULATION WAS SHOWN *

* CUPOLA *	* (BRONX SAINT JOSEPHS SCHOOL *	* 40 49 30.06 927.3 NOT *	* 75E9193 *	* *
* *	* FOR DEAF BELFRY, 1915) *	* 73 50 17.55 411.3 DGTZD*	* 05/08/75 *	* 223 *

* 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 *

DATATAB
VERSION
770818

76-40 PHOTOGRAMMETRIC BRANCH NATIONAL OCEAN SURVEY NOAA
LISTING COASTAL MAPPING DIVISION DEPARTMENT OF COMMERCE USA

* SVY TP-00884 * * RPT UNIT CMD ROCKVILLE, MD. * PAGE 6 OF 6 *
* JOB CM-7403 * LANDMARKS FOR CHARTS * STATE NEW YORK *
* PRJ HUDSON R. * TO BE REVISED * LOCALITY FLUSHING BAY *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*

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

* AERO * (LA GUARDIA AIRPORT BCN. 1961) * 40 46 21.20 653.9 NOT * * *
* R. W+G * * 73 53 12.12 284.2 DGTZD* * 226 *

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

* TANK * (ASTORIA STEINWAY AND COMPANY * 40 46 48.00 1480.6 NOT * * *
* SOUTH TANK, 1932) * 73 53 59.67 1399.2 DGTZD* * 226 *

* 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 *

יְהוָה יִשְׁמַר אֶת צִדְקוֹתָיו וְאֶת כָּל הַיְּשָׁרִים

Tr 824

A basic hydrographic or topographic survey supersedes all information of like nature on the uncorrected chart.

1. Letter all information.

[illegible]