

TP-00885

* D

TP-00885

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-00885

Classification No. III Edition No.

LOCALITY

State New York

General Locality Hudson River

Locality East River

19 75 TO 19

REGISTRY IN ARCHIVES

DATE

DESCRIPTIVE REPORT - DATA RECORD

TYPE OF SURVEY

- ☒ ORIGINAL
☐ RESURVEY
☐ REVISED

SURVEY TP-00885

MAP EDITION NO. ()

MAP CLASS III

JOB ~~XXX~~ 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 - Oct. 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 METHOD: Analytic	BY	Don O. Norman	10/75
	LANDMARKS AND AIDS BY		
2. CONTROL AND BRIDGE POINTS METHOD: Coradi	PLOTTED BY	S. Solbeck	10/75
	CHECKED BY		
3. STEREOSCOPIC INSTRUMENT COMPILATION INSTRUMENT: Wild B-8 Stereoplotter SCALE: 1:1,400	PLANIMETRY BY	J. Massey	3/76
	CHECKED BY	J. McNamara	3/76
	CONTOURS BY	N/A	
	CHECKED BY	N/A	
4. MANUSCRIPT DELINEATION METHOD: Inked from B-8 worksheet SCALE: 1:10,000	PLANIMETRY BY	J. Massey	3/76
	CHECKED BY	J. McNamara	4/76
	CONTOURS BY	N/A	
	CHECKED BY	N/A	
	HYDRO SUPPORT DATA BY	N/A	
	CHECKED BY	N/A	
5. OFFICE INSPECTION PRIOR TO FIELD EDIT	BY		
6. APPLICATION OF FIELD EDIT DATA	BY	Field edit postponed	10/76
	CHECKED BY		
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

COMPILATION SOURCES

TP-00885

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) 9189-93	5/8/75	11:52	1:20,000	+5.0 ft. above MLW	
75E(C) 9156-60	5/8/75	11:25	1:20,000	+5.5 ft. above MLW	
75E(C) 9180-84	5/8/75	11:44	1:20,000	+5.1 ft. above MLW	
75C(C) 5853-56	5/8/75	10:16	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
No survey	No survey	No survey	TP-00884

REMARKS

HISTORY OF FIELD OPERATIONS

TP-00885

I. ☒ FIELD INSPECTION OPERATION premark ☐ 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	4/17/75
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 BY	
6. PHOTO INSPECTION	CLARIFICATION OF DETAILS BY	
7. BOUNDARIES AND LIMITS	SURVEYED OR IDENTIFIED BY	

II. SOURCE DATA

1. HORIZONTAL CONTROL IDENTIFIED
3 premarked or identified2. VERTICAL CONTROL IDENTIFIED
None

PHOTO NUMBER	STATION NAME	PHOTO NUMBER	STATION DESIGNATION
	Payne 2, 1935		

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)

Two pages of computations

TP-00885

RECORD OF SURVEY USE

I. MANUSCRIPT COPIES

COMPILATION STAGES			DATE MANUSCRIPT FORWARDED	
DATA COMPILED	DATE	REMARKS	MARINE CHARTS	HYDRO SUPPORT
Shoreline and inshore delineation	Mar. 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
4		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-00885 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

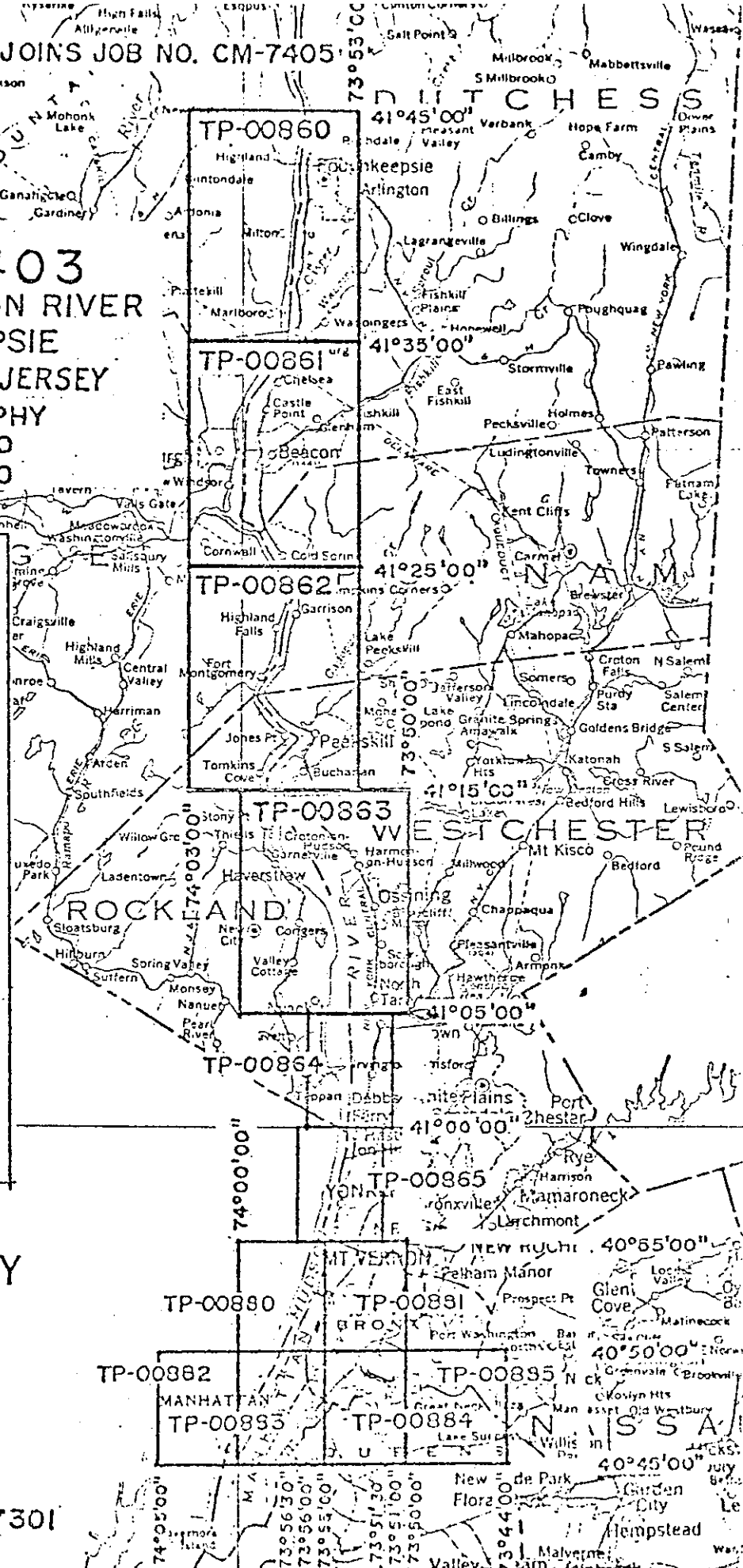
Official Mileage for Cost Accounts

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

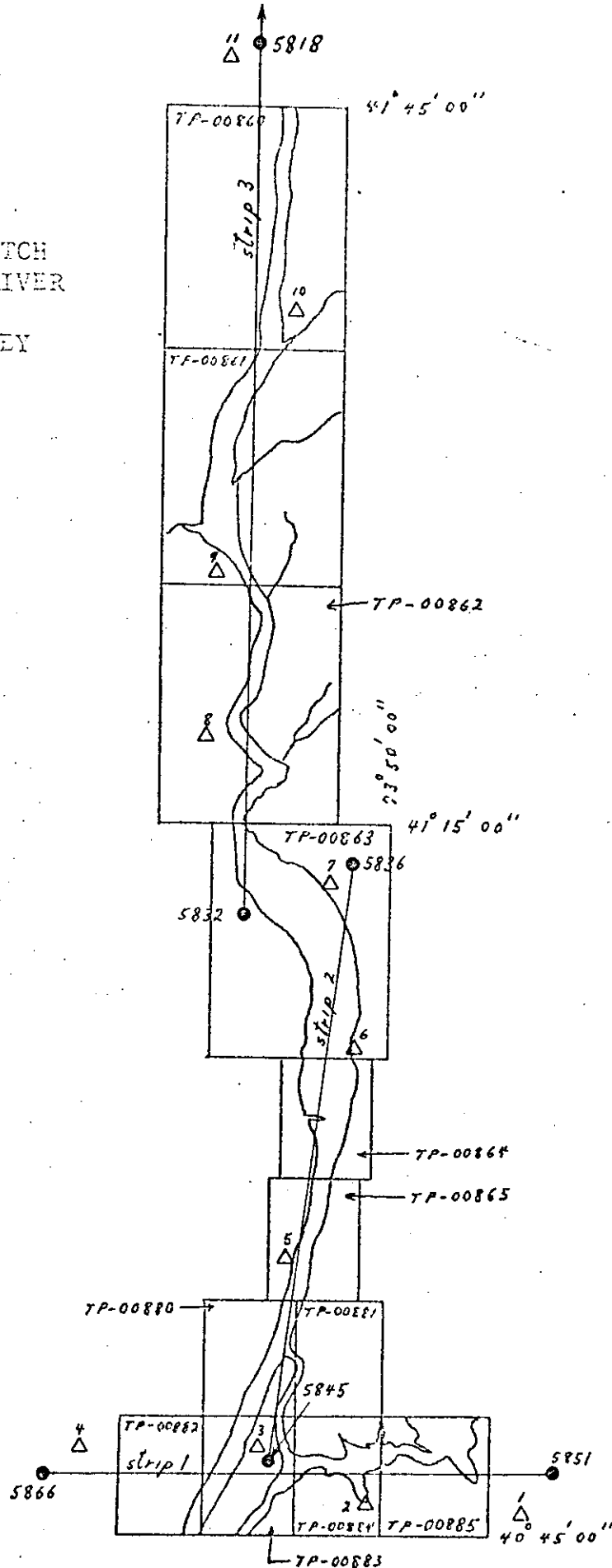
REVISED 8-12-74 R.W.H.
 2-25-75 R.M.P.

JOINS JOB NO. CM-7301



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

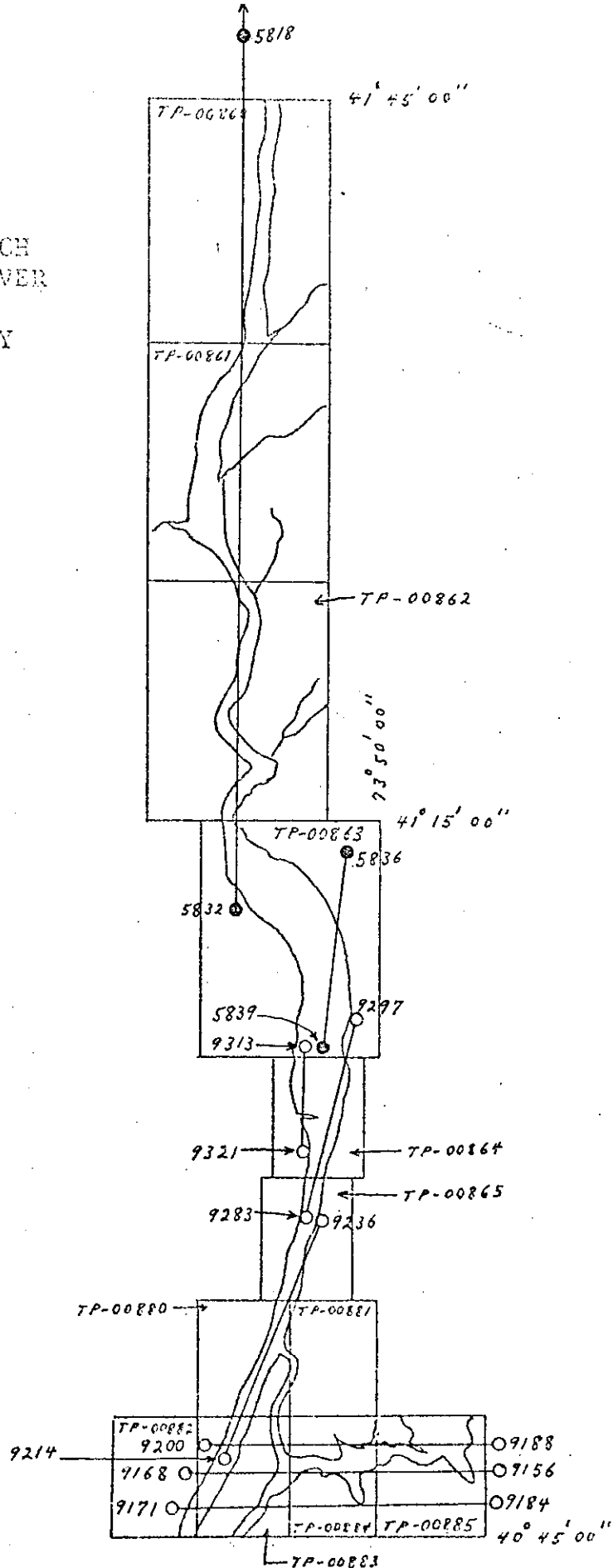
BRIDGING PHOTOGRAPHY
 • 75C(c) 1:60000



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

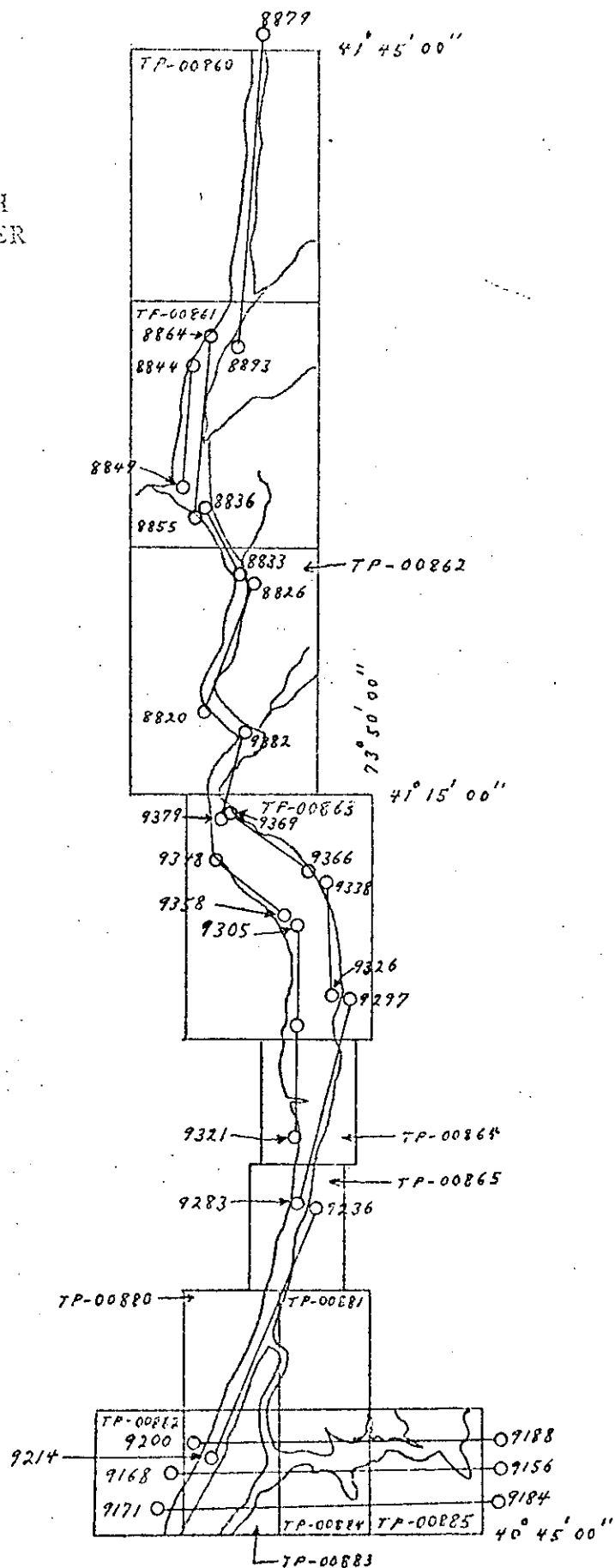
COMPILATION PHOTOGRAPHY

- 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



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)

COMPILATION REPORT
SHORELINE SURVEY

TP-00885

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 of 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

There were numerous obstructions indicated on the chart. The area possibly should be outlined rather than showing individual obstructions.

Areas where MHW was not apparent were indicated on the discrepancy print. Also, an unknown feature protruding into the offshore area is indicated on the discrepancy print.

37. Landmarks and Aids

Form 76-40 is submitted 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 Flushing (1955-56), and Sea Cliff (1968) USGS quadrangles.

47. Comparison with Nautical Charts

Comparison was made with the following National Ocean Survey charts:

117-SC (12364), 1:40,000, dated September 1975

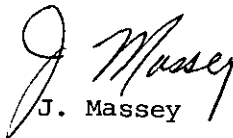
223 (12366), 1:20,000, dated February 1975

226 (12339), 1:10,000, dated September 1975

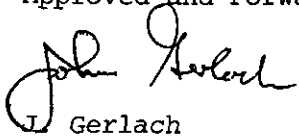
Items to be Applied to Nautical Charts Immediately - None

Items to be Carried Forward - None

Submitted by:


J. Massey

Approved and Forwarded


J. Gerlach

Chief, Cartometric Section

FINAL REVIEW REPORT
CM-7403

Shoreline Survey - TP-00885

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 12366(223), 1:20,000 scale, pub. Feb. 1975

66. Adequacy of Results and Future Surveys

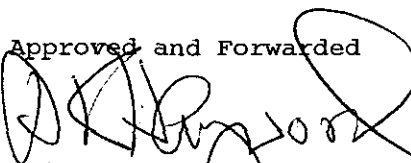
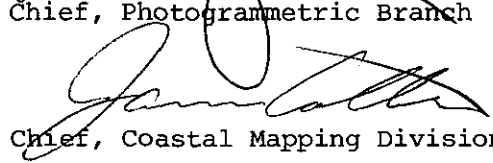
This map meets the National Standards of Map Accuracy and complies with Bureau requirements.

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

DATATAB
VERSION
770818

* SVY TP-00885 *	* RPT UNIT CMD ROCKVILLE, MD. *	* PAGE 1 OF 4 *
* JOB CM-7403 * NONFLOATING AIDS FOR CHARTS *	* STATE NEW YORK *	
* PRJ HUDSON R. * TO BE REVISED *	* LOCALITY EAST RIVER *	* 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 *

* LONG ISLAND SOUND *

* LIGHT * STEPPING STONES LIGHT *	* 40 49 27.22 839.7 NOT *75E(C)9189* *
* (STEPPING STONES L.H., 1882) *	* 73 46 30.78 721.3 DGTZD* 05/08/75 * 223 *

* LIGHT * THROGS NECK LIGHT *	* 00 00 00.00 0.0 NOT *UNVERIFIED* *
* *	* 00 00 00.00 0.0 DGTZD* * 223 *

* HORNS * THROGS NECK BRIDGE FOG SIGNAL *	* 00 00 00.00 0.0 NOT *UNVERIFIED* *
* *	* 00 00 00.00 0.0 DGTZD* * 223 *

* LONG ISLAND SOUND *

* MAIN CHANNEL *

* LIGHT * WHITESTONE POINT LIGHT *	* 40 48 04.68 144.4 NOT *75E(C)9159* *
* (WHITESTONE POINT BEACON, 1932) *	* 73 49 11.98 280.8 DGTZD* 05/08/75 * 223 *

* LIGHT * POWELL COVE LIGHT <i>W</i> *	* 40 47 51.17 1578.4 *75E(C)9159* *
* *	* 73 52 01.07 25.1 * 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 *

76-40
LISTING

PHOTOGRAMMETRIC BRANCH
COASTAL MAPPING DIVISION

NATIONAL OCEAN SURVEY NOAA
DEPARTMENT OF COMMERCE USA

DATATAB
VERSION
770818

* SVY	TP-00885	*	* RPT UNIT	CMD ROCKVILLE, MD.	*	PAGE	2 OF 4	*
* JOB	CM-7403	*	* STATE	NEW YORK	*			*
* PRJ	HUDSON R.	*	* LOCALITY	EAST RIVER	*	*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*	RECORD REASON FOR DELETION	*	* LATITUDE	DM	* ALTEK*	* METHOD AND DATE	*	
* NAME	* PUT TRIANGULATION NAMES IN () *		* LONGITUDE	DP	* DGTZD*	* OF LOCATION	*	* CHARTS *
						* OFFICE	* FIELD	*AFFECTED*

* LONG ISLAND SOUND	*							
* LITTLE NECK BAY APPROACH	*							

* LIGHT	* KINGS POINT LIGHT	*	40 48 41.70	1286.3	*75E(C)9189*			
	No	*	73 48 00.38	8.9	* 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	*

76-40
LISTING

PHOTOGRAMMETRIC BRANCH
COASTAL MAPPING DIVISION

NATIONAL OCEAN SURVEY NOAA
DEPARTMENT OF COMMERCE USA

DATATAB
VERSION
770818

* SVY TP-00885 *	* RPT UNIT CMD ROCKVILLE, MD. *	* PAGE 3 OF 4 *
* JOB CM-7403 *	* STATE NEW YORK *	
* PRJ HUDSON R. *	* LOCALITY EAST RIVER *	*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*

* GREEN * (WHITESTONE SAINT NICHOLAS	* 40 47 15.53	479.0 NOT *75E(C)9159*	* *
* DOME * GREEK ORTHODOX CH. DOME, 1932)	* 73 48 39.05	915.6 DGTZD* 05/08/75 *	* 223 *
* SPIRE * (WHITESTONE IMMANUEL EVANGELI-	* 40 47 27.96	862.5 NOT *75E(C)9159*	* *
* * CAL LUTHERAN CH. SPIRE, 1932)	* 73 48 56.72	1329.8 DGTZD* 05/08/75 *	* 223 *
* FLAG * (FORT TOTTEN FLAGPOLE, 1932)	* 40 47 32.71	1009.0 NOT *75E(C)9157*	* *
* POLE *	* 73 46 32.11	752.8 DGTZD* 05/08/75 *	* 223 *
* SPIRE * (GREAT NECK HIGH SCHOOL SPIRE,	* 40 48 00.22	6.8 NOT *75E(C)9156*	* *
* * 1932)	* 73 44 25.45	596.6 DGTZD* 05/08/75 *	* 223 *
* STACK *	* 40 48 15.93	491.4 *75E(C)9161*	* *
* *	* 73 49 44.01	1031.6 * 05/08/75 *	* 223 *
* MAST *	* 40 48 44.01	1357.6 *75E(C)9189*	* *
* *	* 73 47 53.78	1260.5 * 05/08/75 *	* 223 *
* STACK *	* 40 48 48.36	1491.8 *75E(C)9189*	* *
* *	* 73 47 56.43	1322.6 * 05/08/75 *	* 223 *
* TANK *	* 40 48 31.78	980.3 *75E(C)9191*	* *
* *	* 73 50 08.65	202.7 * 05/08/75 *	* 223 *
* SLIM * (THROGS NECK FRANCISCAN POOR	* 40 48 54.02	1666.3 NOT *75E(C)9191*	* *
* SPIRE * CLARES MONASTERY SPIRE, 1932)	* 73 48 49.08	1150.3 DGTZD* 05/08/75 *	* 223 *
* FR LTS * (WHITESTONE BRIDGE N.E. TOWER	* 40 48 17.36	535.5 NOT *75E(C)9159*	* *
* ON TWR * LIGHT, 1940)	* 73 49 54.74	1283.1 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

76-40
LISTING

PHOTOGRAMMETRIC BRANCH
COASTAL MAPPING DIVISION

NATIONAL OCEAN SURVEY NOAA
DEPARTMENT OF COMMERCE USA

DATATAB
VERSION
770818

* SVY TP-00885 *	* RPT UNIT CMD ROCKVILLE, MD. *	* PAGE 4 OF 4 *
* JOB CM-7403 *	* STATE NEW YORK *	
* PRJ HUDSON R. *	* LOCALITY EAST RIVER *	*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 * CHARTS * *AFFECTED*

* FR LIS * (WHITESTONE BRIDGE S.E. TOWER *	* 40 47 56.94 1756.4 NOT *75E(C)9159*	* *
* ON TWR * LIGHT, 1940) *	* 73 49 41.60 975.2 DGTZD* 05/08/75 *	* 223 *

* CHARTED LDMK(S) UNIDENTIFIABLE ON COMPILATION PHOTOGRAPHY *

* STAND- * (FLUSHING STANDPIPE, 1932) *	* 40 46 05.37 165.6 NOT *	* *
* PIPE * *	* 73 48 36.67 860.0 DGTZD*	* 223 *

* FLAG- * (BAYSIDE YACHT CLUB FLAGPOLE, *	* 40 46 42.62 1314.7 NOT *	* *
* POLE * 1932) *	* 73 46 10.18 238.7 DGTZD*	* 223 *

* GREEN * (GREAT NECK SATTERWHITE DOME, *	* 40 48 21.47 662.3 NOT *	* *
* DOME * 1932) *	* 73 45 30.04 704.1 DGTZD*	* 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 *

