

TP-00885

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 .....

|                                                                                                                                                                                                         |  |                                                                                                                                                                                                                                  |              |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|
| NOAA FORM 76-36A<br>(3-72)                                                                                                                                                                              |  | U. S. DEPARTMENT OF COMMERCE<br>NATIONAL OCEANIC AND ATMOSPHERIC ADMIN.                                                                                                                                                          |              |
| <b>DESCRIPTIVE REPORT - DATA RECORD</b>                                                                                                                                                                 |  | TYPE OF SURVEY<br><input checked="" type="checkbox"/> ORIGINAL<br><input type="checkbox"/> RESURVEY<br><input type="checkbox"/> REVISED                                                                                          |              |
| PHOTOGRAMMETRIC OFFICE<br>Cartometric Section<br>Rockville, Maryland                                                                                                                                    |  | SURVEY TP-00885<br>MAP EDITION NO. ( )<br>MAP CLASS III<br>JOB <del>PRR</del> CM-7403                                                                                                                                            |              |
| OFFICER-IN-CHARGE<br><br>Commander James Collins                                                                                                                                                        |  | LAST PRECEEDING MAP EDITION<br>TYPE OF SURVEY<br><input type="checkbox"/> ORIGINAL<br><input type="checkbox"/> RESURVEY<br><input type="checkbox"/> REVISED<br>JOB PH- _____<br>MAP CLASS _____<br>SURVEY DATES:<br>19__ TO 19__ |              |
| <b>I. INSTRUCTIONS DATED</b>                                                                                                                                                                            |  |                                                                                                                                                                                                                                  |              |
| 1. OFFICE                                                                                                                                                                                               |  | 2. FIELD                                                                                                                                                                                                                         |              |
| Aerotriangulation - Sept. 3, 1975<br><br>Compilation - Oct. 21, 1975                                                                                                                                    |  | April 2, 1975<br><br>April 15, 1975 - Supplement I                                                                                                                                                                               |              |
| <b>II. DATUMS</b>                                                                                                                                                                                       |  |                                                                                                                                                                                                                                  |              |
| 1. HORIZONTAL: <input checked="" type="checkbox"/> 1927 NORTH AMERICAN                                                                                                                                  |  | OTHER (Specify)                                                                                                                                                                                                                  |              |
| 2. VERTICAL: <input checked="" type="checkbox"/> MEAN HIGH-WATER<br><input type="checkbox"/> MEAN LOW-WATER<br><input type="checkbox"/> MEAN LOWER LOW-WATER<br><input type="checkbox"/> MEAN SEA LEVEL |  | OTHER (Specify)                                                                                                                                                                                                                  |              |
| 3. MAP PROJECTION<br><br>Transverse Mercator                                                                                                                                                            |  | 4. GRID(S)<br>STATE New York ZONE East                                                                                                                                                                                           |              |
| 5. SCALE<br>1:10,000                                                                                                                                                                                    |  | STATE New York ZONE Long Island                                                                                                                                                                                                  |              |
| <b>III. HISTORY OF OFFICE OPERATIONS</b>                                                                                                                                                                |  |                                                                                                                                                                                                                                  |              |
| OPERATIONS                                                                                                                                                                                              |  | NAME                                                                                                                                                                                                                             | DATE         |
| 1. AEROTRIANGULATION BY<br>METHOD: Analytic LANDMARKS AND AIDS BY                                                                                                                                       |  | Don O. Norman                                                                                                                                                                                                                    | 10/75        |
| 2. CONTROL AND BRIDGE POINTS PLOTTED BY<br>METHOD: Coradi CHECKED BY                                                                                                                                    |  | S. Solbeck                                                                                                                                                                                                                       | 10/75        |
| 3. STEREOSCOPIC INSTRUMENT PLANIMETRY BY<br>COMPILATION CHECKED BY<br>INSTRUMENT: Wild B-8 Stereoplotter CONTOURS BY<br>SCALE: 1:1,400 CHECKED BY                                                       |  | J. Massey<br>J. McNamara<br>N/A<br>N/A                                                                                                                                                                                           | 3/76<br>3/76 |
| 4. MANUSCRIPT DELINEATION PLANIMETRY BY<br>CHECKED BY<br>METHOD: Inked from B-8 worksheet CONTOURS BY<br>CHECKED BY<br>SCALE: 1:10,000 HYDRO SUPPORT DATA BY<br>CHECKED BY                              |  | J. Massey<br>J. McNamara<br>N/A<br>N/A<br>N/A<br>N/A                                                                                                                                                                             | 3/76<br>4/76 |
| 5. OFFICE INSPECTION PRIOR TO FIELD EDIT BY                                                                                                                                                             |  | Field edit postponed                                                                                                                                                                                                             | 10/76        |
| 6. APPLICATION OF FIELD EDIT DATA 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)<br>C=88.47mm E=152.71mm                                                                                                                                                         |        | TYPES OF PHOTOGRAPHY<br>LEGEND                |          | TIME REFERENCE                  |                                                                                   |
| TIDE STAGE REFERENCE<br><input checked="" type="checkbox"/> PREDICTED TIDES<br><input type="checkbox"/> REFERENCE STATION RECORDS<br><input type="checkbox"/> TIDE CONTROLLED PHOTOGRAPHY |        | (C) COLOR<br>(P) PANCHROMATIC<br>(I) INFRARED |          | ZONE<br>5th<br>MERIDIAN<br>75th | <input checked="" type="checkbox"/> STANDARD<br><input type="checkbox"/> 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<br>ESTABLISHED BY<br>PRE-MARKED OR IDENTIFIED BY                                                                                                         |         |
|                                     | R. D. Wells                                                                                                                                                           | 4/17/75 |
| 3. VERTICAL CONTROL                 | RECOVERED BY<br>ESTABLISHED BY<br>PRE-MARKED OR IDENTIFIED BY                                                                                                         |         |
|                                     | None                                                                                                                                                                  |         |
| 4. LANDMARKS AND AIDS TO NAVIGATION | RECOVERED (Triangulation Stations) BY<br>LOCATED (Field Methods) BY<br>IDENTIFIED BY                                                                                  |         |
|                                     | None                                                                                                                                                                  |         |
| 5. GEOGRAPHIC NAMES INVESTIGATION   | TYPE OF INVESTIGATION<br><input type="checkbox"/> COMPLETE<br><input type="checkbox"/> SPECIFIC NAMES ONLY<br><input checked="" type="checkbox"/> 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 identified

2. 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<br>Class III manuscript | 10-3-77                   |               |
|                                    |           |                                              |                           |               |

## II. LANDMARKS AND AIDS TO NAVIGATION

## 1. REPORTS TO MARINE CHART DIVISION, NAUTICAL DATA BRANCH

| NUMBER | CHART LETTER<br>NUMBER ASSIGNED | DATE<br>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<br>EDITION | SURVEY NUMBER<br>TP - _____ (2) | JOB NUMBER<br>PH - _____ | <input type="checkbox"/> REVISED <input type="checkbox"/> RESURVEY<br>MAP CLASS<br><input type="checkbox"/> II. <input type="checkbox"/> III. <input type="checkbox"/> IV. <input type="checkbox"/> V. <input type="checkbox"/> FINAL |
|                   | DATE OF PHOTOGRAPHY             | DATE OF FIELD EDIT       |                                                                                                                                                                                                                                       |
| THIRD<br>EDITION  | SURVEY NUMBER<br>TP - _____ (3) | JOB NUMBER<br>PH - _____ | <input type="checkbox"/> REVISED <input type="checkbox"/> RESURVEY<br>MAP CLASS<br><input type="checkbox"/> II. <input type="checkbox"/> III. <input type="checkbox"/> IV. <input type="checkbox"/> V. <input type="checkbox"/> FINAL |
|                   | DATE OF PHOTOGRAPHY             | DATE OF FIELD EDIT       |                                                                                                                                                                                                                                       |
| FOURTH<br>EDITION | SURVEY NUMBER<br>TP - _____ (4) | JOB NUMBER<br>PH - _____ | <input type="checkbox"/> REVISED <input type="checkbox"/> RESURVEY<br>MAP CLASS<br><input type="checkbox"/> II. <input type="checkbox"/> III. <input type="checkbox"/> IV. <input type="checkbox"/> V. <input type="checkbox"/> 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-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**

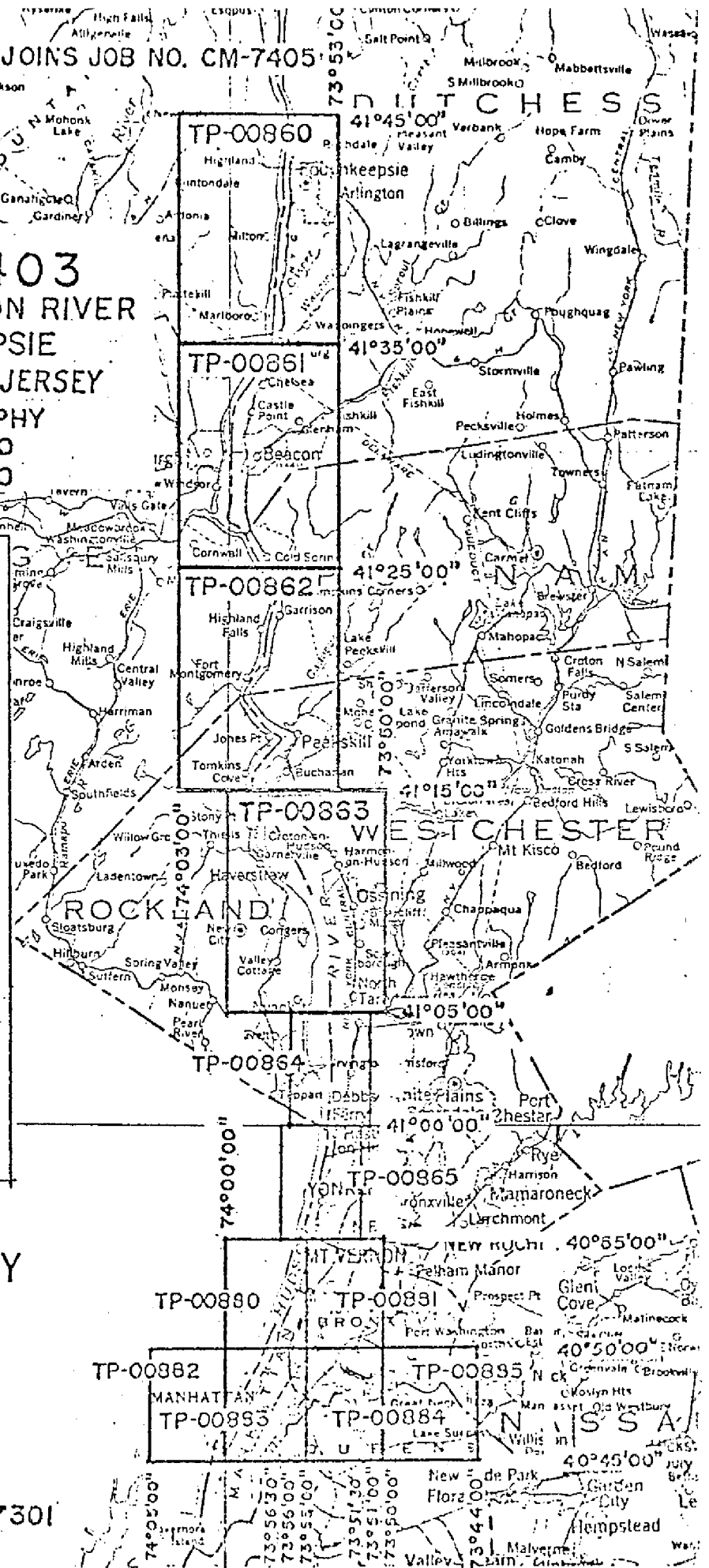
## **Official Mileage for Cost Accounts**

| 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         |
| <b>TOTAL</b> | <b>93</b> |

**J E R S E Y**

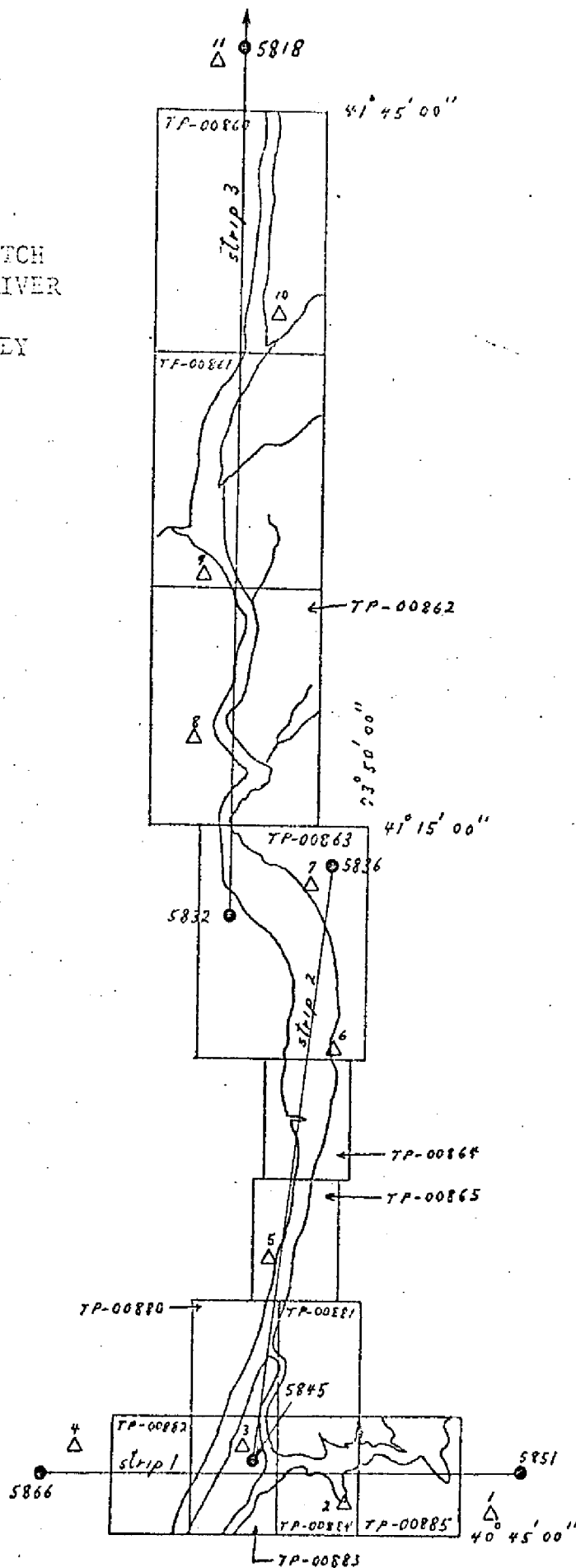
REVISED 8-12-74 R.W.H.  
 2-25-75 D.M.P.

JOINS JOB NO. CM-7301



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

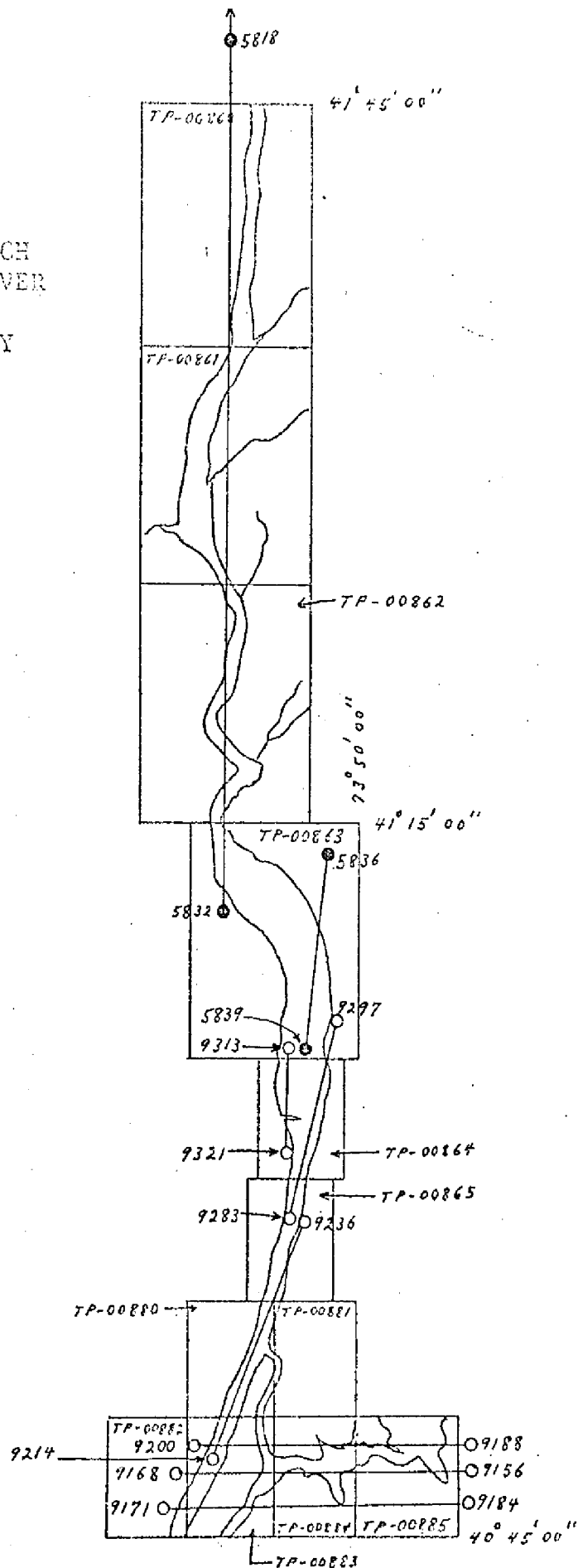
BRIDGING PHOTOGRAPHY  
 • 75C(c) 1:60000



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

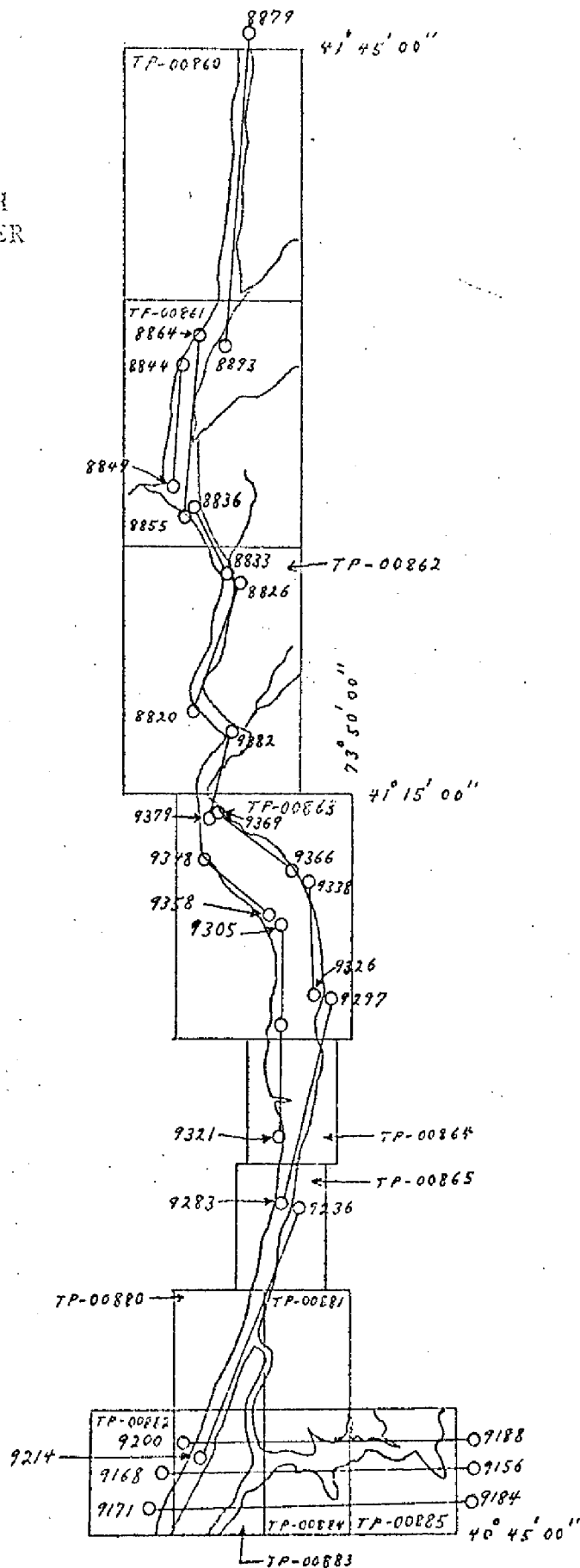
COMPILATION PHOTOGRAPHY

- 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



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.

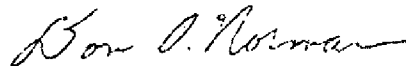
22. Method: Three strips of 1:60,000 scale color photography were bridged by analytic aerotriangulation methods and adjusted to ground in the New York East Zone state plane coordinate system. In the area covered by 1:10,000 scale sheets, points were established for setting 1:20,000 scale color photography 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.

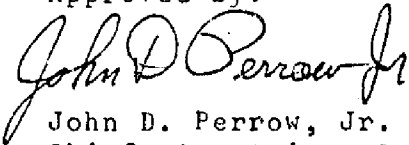
25. Photography: The photography was adequate.

Submitted by,



Don O. Norman

Approved by:



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

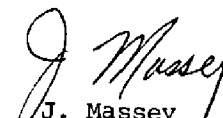
Comparison was made with the following National Ocean Survey charts:

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

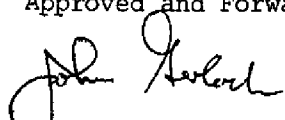
Items to be Applied to Nautical Charts Immediately - None

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

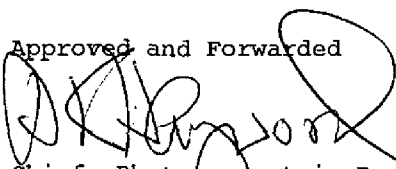
66. Adequacy of Results and Future Surveys

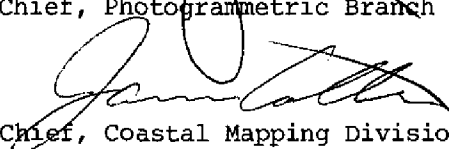
This map meets the National Standards of Map Accuracy and complies with Bureau requirements.

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

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*-----*
* 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 * *
*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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*-----*
* * 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 *
*-----*

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

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*-----*
* * LONG ISLAND SOUND * * * *
* * MAIN CHANNEL * * * *
*-----*

```

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* 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 *
*-----*

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* LIGHT * POWELL COVE LIGHT #2 * 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   | * | * 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    |
| * RECORD REASON FOR DELETION | * LATITUDE                       | DM          | ALTEK*            | OF LOCATION |
| * NAME                       | * PUT TRIANGULATION NAMES IN ( ) | * LONGITUDE | DP                | DGTZD*      |
|                              |                                  |             | 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       |

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\* SVY TP-00885 \* \* RPT UNIT CMD ROCKVILLE, MD. \* PAGE 3 OF 4 \*  
\* JOB CM-7403 \* LANDMARKS 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      | AFFECTED |
|----------------------------|-----------|-----|-----------------|-------------|----------|
| RECORD REASON FOR DELETION | LATITUDE  | DM  | ALTEK           | OF LOCATION |          |
| NAME                       | LONGITUDE | DP  | DGTZD           | OFFICE      | FIELD    |

|        |                                |             |        |       |              |     |  |
|--------|--------------------------------|-------------|--------|-------|--------------|-----|--|
| 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 TOTTON 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 PROCESSOR       |

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|       |           |   |                        |                     |   |              |           |   |
|-------|-----------|---|------------------------|---------------------|---|--------------|-----------|---|
| * SVY | TP-00885  | * | * RPT UNIT             | CMD ROCKVILLE, MD.  | * | PAGE         | 4 OF 4    | * |
| * JOB | CM-7403   | * | * LANDMARKS 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    |
| * RECORD REASON FOR DELETION              | * LATITUDE DM  | * ALTEK* | * OF LOCATION     | * CHARTS    |
| * NAME * PUT TRIANGULATION NAMES IN ( ) * | * LONGITUDE DP | * DGTZD* | * OFFICE * FIELD  | * AFFECTED* |

|                                          |               |        |                   |         |
|------------------------------------------|---------------|--------|-------------------|---------|
| * FR LTS * (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       |

