

TP- 00856

TP- 00856

| | |
|--|-------------------------|
| NOAA FORM 76-35 (3-76) U.S. DEPARTMENT OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION NATIONAL OCEAN SURVEY | |
| <h2 style="text-align: center;">DESCRIPTIVE REPORT</h2> | |
| This map will not be field checked | |
| Map No. TP-00856 | Edition No. I |
| Job No. CM-7405 | |
| Map Classification III | |
| Type of Survey Shoreline | |
| <h3 style="text-align: center;">LOCALITY</h3> | |
| State New York | |
| General Locality Hudson | |
| Locality Hudson River | |
| <div style="border: 1px solid black; padding: 5px; text-align: center;"> 19 75 TO 19 </div> | |
| <h3 style="text-align: center;">REGISTRY IN ARCHIVES</h3> | |
| DATE | |

MAP NOT INSPECTED BY
QUALITY CONTROL OF PHOTOGRAMMETRY BRANCH
PRIOR TO REGISTRATION

| | | | |
|---|--|--|----------------------|
| NOAA FORM 76-36A (3-72) U. S. DEPARTMENT OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMIN. <div style="text-align: center; font-weight: bold;">DESCRIPTIVE REPORT - DATA RECORD</div> | | TYPE OF SURVEY <input checked="" type="checkbox"/> ORIGINAL <input type="checkbox"/> RESURVEY <input type="checkbox"/> REVISED SURVEY TP: <u>00856</u> MAP EDITION NO. <u>(1)</u> MAP CLASS <u>III</u> JOB <u>MM CM-7405</u> | |
| PHOTOGRAMMETRIC OFFICE Rockville, Md. OFFICER-IN-CHARGE Lawrence W. Fritz | | LAST PRECEDING MAP EDITION TYPE OF SURVEY <input type="checkbox"/> ORIGINAL <input type="checkbox"/> RESURVEY <input type="checkbox"/> REVISED JOB <u>PH.</u> MAP CLASS <u> </u> SURVEY DATES: 19 <u> </u> TO 19 <u> </u> | |
| I. INSTRUCTIONS DATED | | | |
| 1. OFFICE | | 2. FIELD | |
| Aerotriangulation 9/4/75 Compilation 5/19/82 | | Field 4/2/75 Field 4/15/75 | |
| II. DATUMS | | | |
| 1. HORIZONTAL: <input checked="" type="checkbox"/> 1927 NORTH AMERICAN 2. VERTICAL: <input checked="" type="checkbox"/> MEAN HIGH-WATER <input type="checkbox"/> MEAN LOW-WATER <input type="checkbox"/> MEAN LOWER LOW-WATER <input type="checkbox"/> MEAN SEA LEVEL | | OTHER (Specify) OTHER (Specify) Hudson River Datum | |
| 3. MAP PROJECTION Transverse Mercator | | 4. GRID(S) STATE <u>New York</u> ZONE <u>East</u> STATE <u> </u> ZONE <u> </u> | |
| 5. SCALE 1:20,000 | | STATE <u> </u> ZONE <u> </u> | |
| III. HISTORY OF OFFICE OPERATIONS | | | |
| OPERATIONS | | NAME | DATE |
| 1. AEROTRIANGULATION BY METHOD: Analytic LANDMARKS AND AIDS BY | | D. O. Norman N/A | 12/4/75 |
| 2. CONTROL AND BRIDGE POINTS PLOTTED BY METHOD: Coradomat CHECKED BY | | S. Solbeck C. Heazel | 3/15/82 4/83 |
| 3. STEREOSCOPIC INSTRUMENT PLANIMETRY BY COMPILATION CHECKED BY INSTRUMENT: B-8 Stereoplotter SCALE: 1:20,000 CHECKED BY | | C. Heazel P. Dempsey N/A N/A | 4/83 4/83 |
| 4. MANUSCRIPT DELINEATION PLANIMETRY BY CHECKED BY METHOD: Worksheets CHECKED BY SCALE: 1:20,000 HYDRO SUPPORT DATA BY CHECKED BY | | C. Heazel P. Dempsey N/A N/A N/A N/A | 5/83 5/83 |
| 5. OFFICE INSPECTION PRIOR TO FIELD EDIT BY | | N/A | |
| 6. APPLICATION OF FIELD EDIT DATA BY CHECKED BY | | N/A N/A | |
| 7. COMPILATION SECTION REVIEW BY | | P. Dempsey | 5/83 |
| 8. FINAL REVIEW BY | | E. D. Allen | 7/84 |
| 9. DATA FORWARDED TO PHOTOGRAMMETRIC BRANCH BY | | | |
| 10. DATA EXAMINED IN PHOTOGRAMMETRIC BRANCH BY | | | |
| 11. MAP REGISTERED - COASTAL SURVEY SECTION BY | | E. DAUGHERTY | NOV 1984 |

NOAA FORM 76-36B
(3-72)U. S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL OCEAN SURVEY

COMPILATION SOURCES

1. COMPILATION PHOTOGRAPHY

| | | | | |
|---|--|---|-------------------------------------|---|
| CAMERA(S) "C" Focal length 88.47mm "E" Focal length 152.71mm | | TYPES OF PHOTOGRAPHY LEGEND (C) COLOR (P) PANCHROMATIC (I) INFRARED | TIME REFERENCE | |
| TIDE STAGE REFERENCE <input checked="" type="checkbox"/> PREDICTED TIDES <input type="checkbox"/> REFERENCE STATION RECORDS <input type="checkbox"/> TIDE CONTROLLED PHOTOGRAPHY | | | ZONE Eastern MERIDIAN 75th | <input checked="" type="checkbox"/> STANDARD <input type="checkbox"/> DAYLIGHT |

| NUMBER AND TYPE | DATE | TIME | SCALE | STAGE OF TIDE |
|----------------------|---------|------|----------|------------------------|
| 75C(C)5801 thru 5804 | 5/7/75 | 1453 | 1:60,000 | |
| 75E(C)8904 thru 8908 | 4/22/75 | 1349 | 1:20,000 | -1.1 MHW (Hudson) |
| 75E(C)9032 thru 9036 | 4/23/75 | 1331 | 1:20,000 | -0.4 MHW (Coxsackie) * |
| 75E(C)9026 thru 9029 | 4/23/75 | 1320 | 1:20,000 | -0.5 MHW (Coxsackie) * |

REMARKS * Stage of tide computed at Coxsackie based on Albany reference station records.

2. SOURCE OF MEAN HIGH-WATER LINE:

The MHW line was interpreted from the 1:20,000 photographs listed in item 1 above.

3. SOURCE OF MEAN LOW-WATER OR MEAN LOWER LOW-WATER LINE:

N/A

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-00855 | N/A | TP-00857 | N/A |

REMARKS

NOAA FORM 76-36C
(3-72)U. S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL OCEAN SURVEY

HISTORY OF FIELD OPERATIONS.

I. ☒ FIELD OPERATION ☐ FIELD EDIT OPERATION.

| OPERATION | NAME | DATE | |
|--|--|---|---------------------|
| 1. CHIEF OF FIELD PARTY | Robert S. Tibbetts | 4/75 | |
| 2. HORIZONTAL CONTROL | RECOVERED BY ESTABLISHED BY PRE-MARKED OR IDENTIFIED BY | Lawrence H. Davis N.A. 4/75 | |
| 3. VERTICAL CONTROL | RECOVERED BY ESTABLISHED BY PRE-MARKED OR IDENTIFIED BY | N/A N/A N/A | |
| 4. LANDMARKS AND AIDS TO NAVIGATION | RECOVERED (Triangulation Stations) BY LOCATED (Field Methods) BY IDENTIFIED BY | N/A N/A N/A | |
| 5. GEOGRAPHIC NAMES INVESTIGATION | TYPE OF INVESTIGATION <input type="checkbox"/> COMPLETE <input type="checkbox"/> SPECIFIC NAMES ONLY <input checked="" type="checkbox"/> NO INVESTIGATION | BY | |
| 6. PHOTO INSPECTION | CLARIFICATION OF DETAILS BY | N/A | |
| 7. BOUNDARIES AND LIMITS | SURVEYED OR IDENTIFIED BY | N/A | |
| II. SOURCE DATA | | | |
| 1. HORIZONTAL CONTROL IDENTIFIED One Pre-mark | | 2. VERTICAL CONTROL IDENTIFIED | |
| PHOTO NUMBER | STATION NAME | PHOTO NUMBER | STATION DESIGNATION |
| 75 C(C)5803 | Souther, 1934 | | |
| 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: <input type="checkbox"/> REPORT <input checked="" type="checkbox"/> NONE | | 6. BOUNDARY AND LIMITS: <input type="checkbox"/> REPORT <input type="checkbox"/> NONE | |
| 7. SUPPLEMENTAL MAPS AND PLANS None | | | |
| 8. OTHER FIELD RECORDS (Sketch books, etc. DO NOT list data submitted to the Geodesy Division) One - Form 76-53 with Quad. cutout attached. | | | |

NOAA FORM 76-36D
(3-72)U. S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION

RECORD OF SURVEY USE

I. MANUSCRIPT COPIES

| COMPILATION STAGES | | | DATE MANUSCRIPT FORWARDED | |
|------------------------------------|-------|----------------------|---------------------------|---------------|
| DATA COMPILED | DATE | REMARKS | MARINE CHARTS | HYDRO SUPPORT |
| Shoreline and alongshore detail | 10/82 | Class III manuscript | | |
| Final Reviewed Map | | Class III manuscript | OCT 15 1984 | |
| | | | | |
| | | | | |

II. LANDMARKS AND AIDS TO NAVIGATION

1. REPORTS TO MARINE CHART DIVISION, NAUTICAL DATA BRANCH

| NUMBER | CHART LETTER NUMBER ASSIGNED | DATE FORWARDED | REMARKS |
|---------|---------------------------------|-------------------|-------------------------------|
| 1 Page | | OCT 15 1984 | Form 76-40 Landmarks |
| 2 Pages | | OCT 15 1984 | Form 76-40 Aids to Navigation |
| | | | |
| | | | |
| | | | |
| | | | |

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

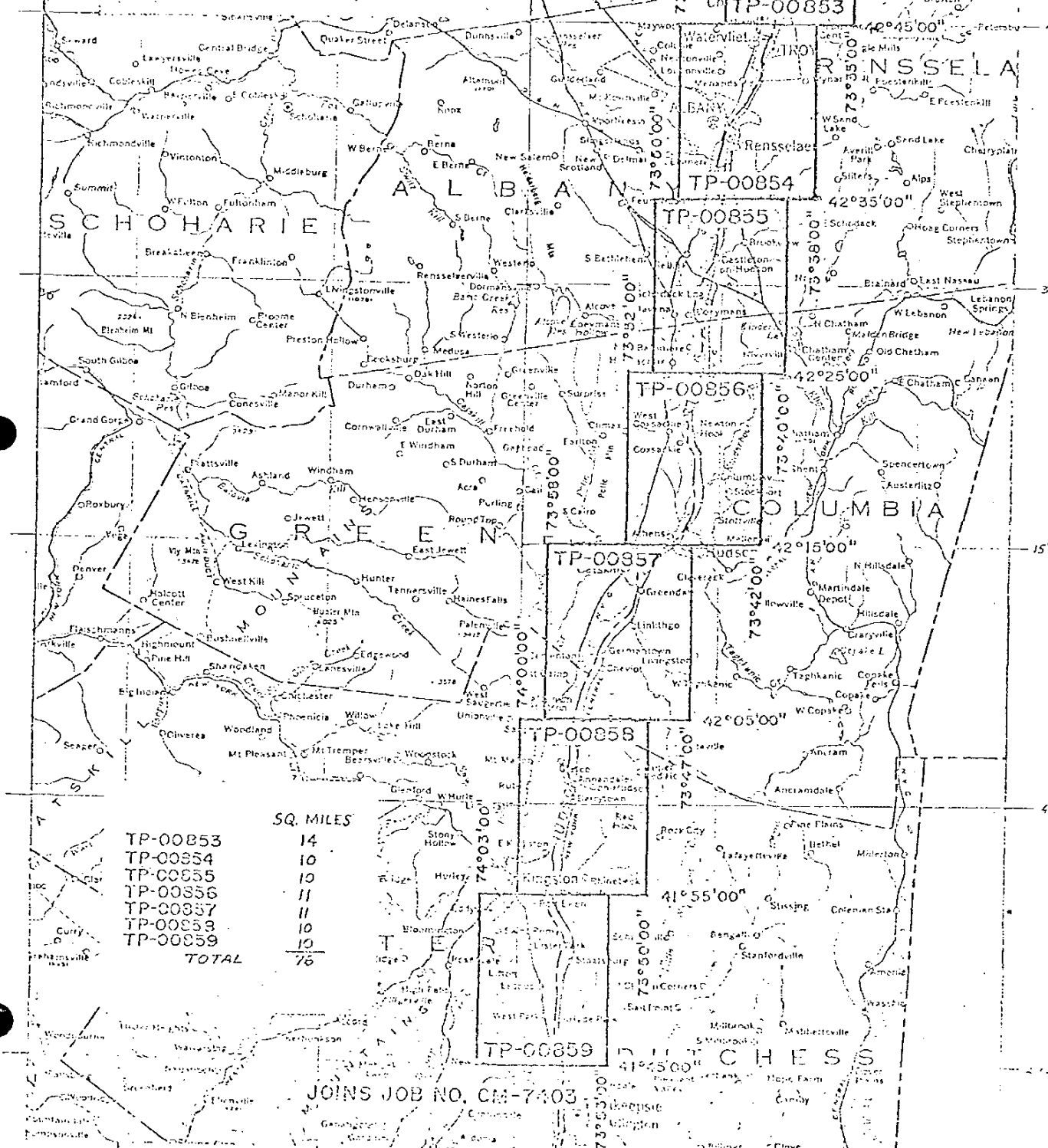
1. ☒ BRIDGING PHOTOGRAPHS; ☒ DUPLICATE BRIDGING REPORT; ☒ COMPUTER READOUTS.
 2. ☒ CONTROL STATION IDENTIFICATION CARDS; ☐ FORM NOS 567 SUBMITTED BY FIELD PARTIES.
 3. ☒ SOURCE DATA (except for Geographic Names Report) AS LISTED IN SECTION II, NOAA FORM 76-36C.
 ACCOUNT FOR EXCEPTIONS:

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 <input type="checkbox"/> REVISED <input type="checkbox"/> RESURVEY MAP CLASS <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 EDITION | SURVEY NUMBER TP - _____ (3) | JOB NUMBER PH - _____ | TYPE OF SURVEY <input type="checkbox"/> REVISED <input type="checkbox"/> RESURVEY MAP CLASS <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 EDITION | SURVEY NUMBER TP - _____ (4) | JOB NUMBER PH - _____ | TYPE OF SURVEY <input type="checkbox"/> REVISED <input type="checkbox"/> RESURVEY MAP CLASS <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 | |

JOB CM-7405
POUGHKEEPSIE TO TROY
NEW YORK
CHART TOPOGRAPHY
SCALE 1:20,000



TP-00853
 TP-00854
 TP-00855
 TP-00856
 TP-00857
 TP-00858
 TP-00859

SQ. MILES

14
 10
 10
 11
 11
 10
 10

TOTAL

76

JOINS JOB NO. CM-7403

SUMMARY TO ACCOMPANY
DESCRIPTIVE REPORT
TP-00 856

This 1:20,000-scale shoreline map is one of seven maps in project CM-7405 which covers the shoreline of the Hudson River from Poughkeepsie to Troy, New York.

Field operations consisted of aerial photography and recovery, establishment, and premarking of horizontal control necessary for aerotriangulation.

Natural color photography was taken in 1975 at scales of 1:60,000 and 1:20,000. Basic aerotriangulation and compilation photographs (1:60,000 scale) were taken with the Wild RC-10(C) camera. Supplemental color photographs (1:20,000 scale) were taken with the Wild RC-8(E) camera for use in shoreline delineation.

Two strips of 1:60,000-scale photographs were bridged using analytic aerotriangulation methods. Sufficient tie points were selected between the bridged and 1:20,000-scale photographs for compilation by either instrument or graphic methods. The aerotriangulation control proved adequate and met the National Standards of Map Accuracy.

Tidal stages concurrent with photographs (1:20,000 scale) were furnished by the Corps of Engineers. This data is based on the Hudson River Datum and was used in determining the tidal stage at the Albany gage site.

Compilation was performed by Coastal Mapping Unit, Rockville, Maryland. The map delineation was based on office interpretation of 1:60,000-scale natural color photographs. Graphic compilation methods using the supplemental photographs (1:20,000 scale) was employed to compile the high water line and to complement the interpretation of other detail. When features were too small or too numerous to show at scale, no attempt was made to show all. Instead, a representative pattern of the symbol or area outline was shown, augmented by an explanatory note.

Final review was performed by Coastal Mapping Unit (Rockville, Maryland). This map was found to be satisfactory and meets requirements of the National Standards of Map Accuracy.

FIELD INSPECTION

TP-00856

There was no field inspection prior to compilation. Field work accomplished was limited to the recovery and identification of the horizontal control necessary for the aerotriangulation of the project.

Photogrammetric Plot Report
Hudson River
Poughkeepsie to Troy
New York
CM-7405
December 4, 1975

21. Area Covered: This report pertains to the Hudson River between Poughkeepsie and Troy, New York. The sheets are TP-00853 through TP-00859. All are 1:20,000 scale.

22. Method: Two strips of color photography at 1:60,000 scale were bridged by analytic aerotriangulation methods and adjusted to ground in the New York East zone state plane coordinated system. Points were established for determining ratios of 1:20,000 scale support photography. Points for setting models were plotted on the Coradomat.

23. Adequacy of Control: The control was adequate.

24. Supplemental Data: U.S.G.S. topographic quadrangles were used to determine elevation for strip adjustment.

25. Photography: The photography was adequate.

Submitted by

Don O. Norman

Don O. Norman

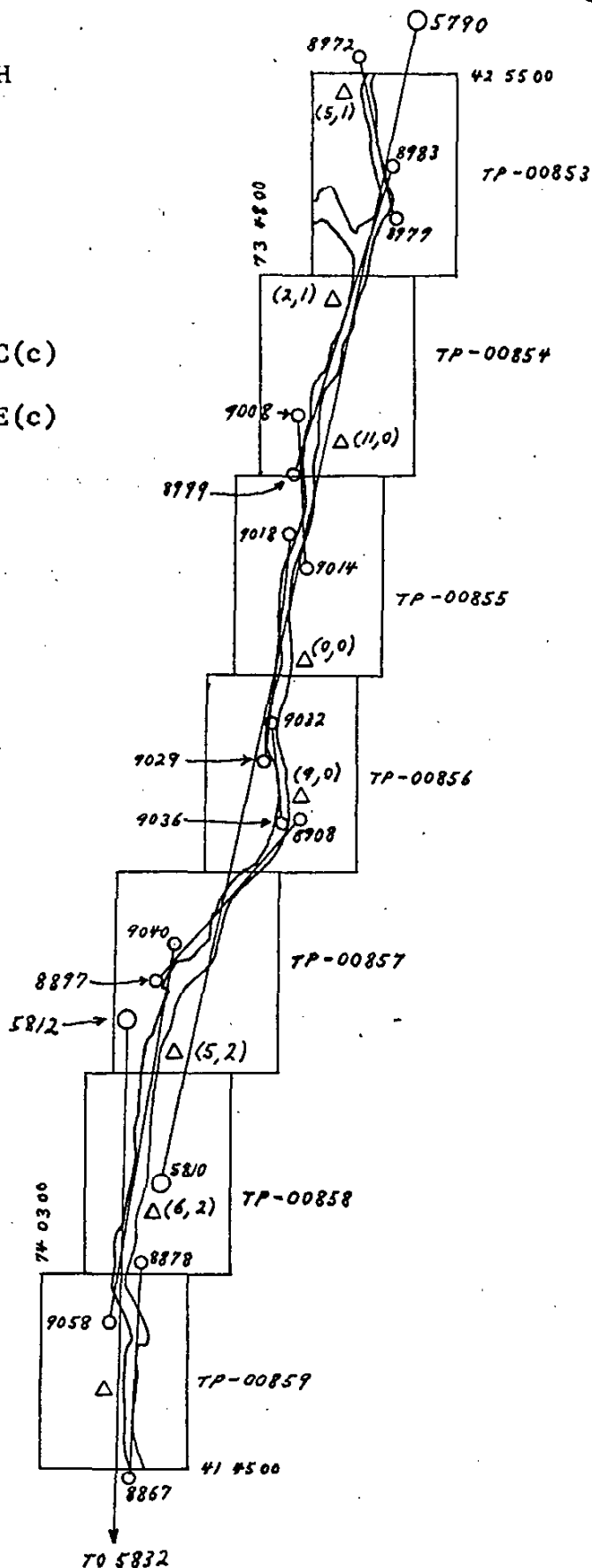
Approved by,

John D. Perrow Jr.

John D. Perrow, Jr.
Chief, Aerotriangulation Section

AEROTRIANGULATION SKETCH
HUDSON RIVER
POUGHKEEPSIE TO TROY
NEW YORK
JOB CM-7405
DECEMBER, 1975

Obtaining photography
1:60000 scale 75C(c)
Aerial photography
1:20000 scale 75E(c)



DESCRIPTIVE REPORT CONTROL RECORD

| MAP NO. | | JOB NO. | | GEODETTIC DATUM | | ORIGINATING ACTIVITY | |
|----------------------------------|-------------------------------|--------------------------------|--|--|------------|----------------------|--|
| TP-00856 | | CM-7405 | | N. A. 1927 | | Compilation | |
| STATION NAME | SOURCE OF INFORMATION (Index) | AEROTRIANGULATION POINT NUMBER | COORDINATES IN FEET STATE New York ZONE East | GEOGRAPHIC POSITION φ LATITUDE λ LONGITUDE | | REMARKS | |
| Hudson City Lighthouse, 1934 | G.P. Vol.1 Pg. 380 | 50 | x= y= | φ 42° 15' 06.866" λ 73° 48' 33.086" | | | |
| Athens Light, 1934 | G.P. Vol.1 Pg. 382 | 804110 | x= y= | φ 42° 16' 10.374" λ 73° 47' 54.582" | | | |
| Priming Hook Light, 1934 | " | 49 | x= y= | φ 42° 16' 43.497" λ 73° 47' 00.380" | | | |
| Four Mile Point Light, 1934 | G.P. Vol.1 Pg. 383 | 47 | x= y= | φ 42° 18' 13.097" λ 73° 46' 58.602" | | | |
| Coxsackie South Light, 1934 | G.P. Vol.1 Pg. 386 | 44 | x= y= | φ 42° 21' 24.511" λ 73° 47' 33.331" | | | |
| Lampman Hill Light, 1934 | G.P. Vol.1 Pg. 385 | 46 | x= y= | φ 42° 20' 30.538" λ 73° 47' 19.176" | | | |
| Coxsackie East Flats Light, 1934 | G.P. Vol.1 Pg. 387 | 45 | x= y= | φ 42° 22' 36.811" λ 73° 47' 33.670" | | | |
| Stuyvesant Light, 1934 | G.P. Vol.1 Pg. 246 | 21 | x= y= | φ 42° 24' 41.476" λ 73° 46' 43.054" | | | |
| Souther, 1934 | G.P. Vol.1 Pg. 248 | 803100 | x= y= | φ 42° 19' 09.339" λ 73° 46' 21.238" | | | |
| Bronck Island Upper Light, 1934 | GP, Vol. 1 Pg 389 | 43 | x= y= | φ 42° 24' 29.478" λ 73° 47' 00.741" | | | |
| COMPUTED BY | DATE | | COMPUTATION CHECKED BY | | DATE | | |
| LISTED BY J. Taylor | DATE 10/7/82 | | LISTING CHECKED BY P. Dempsey | | DATE 11/82 | | |
| HAND PLOTTING BY | DATE | | HAND PLOTTING CHECKED BY | | DATE | | |

DESCRIPTIVE REPORT CONTROL RECORD

| MAP NO. TP-00856 | JOB NO. CM-7405 | SOURCE OF INFORMATION (Index) | AEROTRI- ANGULATION POINT NUMBER | GEODETTIC DATUM N. A. 1927 | | ORIGINATING ACTIVITY Compilation | | REMARKS |
|------------------------|-----------------------|-------------------------------------|---|--|---|-------------------------------------|--|-----------|
| | | | | COORDINATES IN FEET STATE <u>New York</u> ZONE <u>East</u> | GEOGRAPHIC POSITION ϕ LATITUDE λ LONGITUDE | | | |
| West Flats Light, 1934 | G.P. VOL. 1 Pg 383 | | 48 | X= | ϕ 42° 17' 31.041" | | | |
| | | | | Y= | λ 73° 47' 11.363" | | | |
| | | | | X= | ϕ | | | |
| | | | | Y= | λ | | | |
| | | | | X= | ϕ | | | |
| | | | | Y= | λ | | | |
| | | | | X= | ϕ | | | |
| | | | | Y= | λ | | | |
| | | | | X= | ϕ | | | |
| | | | | Y= | λ | | | |
| | | | | X= | ϕ | | | |
| | | | | Y= | λ | | | |
| | | | | X= | ϕ | | | |
| | | | | Y= | λ | | | |
| | | | | X= | ϕ | | | |
| | | | | Y= | λ | | | |
| COMPUTED BY | | | | COMPUTATION CHECKED BY | | DATE | | DATE |
| LISTED BY C. Heazel | | | | LISTING CHECKED BY P. Dempsey | | DATE 5/83 | | DATE 5/83 |
| HAND PLOTTING BY | | | | HAND PLOTTING CHECKED BY | | DATE | | DATE |

Compilation Report

TP-00856

May 1983

31. Delineation

All detail was compiled from the 1:60,000-scale natural color photographs using the Wild B-8 stereoplotter. Ratio photographs, 1:20,000-scale, were used as an aid in interpreting the MHW line. There were no high water or low water infrared photographs.

32. Control

See Photogrammetric Plot Report for horizontal control. Vertical control was taken from USGS quads.

33. Supplemental Data - None34. Contours and Drainage

Contours not applicable. Drainage was compiled by office interpretation of the photographs using the Wild B-8 stereoplotter.

35. Shoreline and Alongshore Detail

The shoreline was delineated and alongshore detail identified by office interpretation of the color aerial photographs. Some detail was omitted when too small to compile at this scale. No field inspection was made prior to compilation.

36. Offshore Detail

Between latitude $52^{\circ}15'00''$ and $52^{\circ}16'15''$ some dolphins and ruins were compiled by office interpretation of the photographs.

37. Landmarks and Aids

Fourteen aids were located on this manuscript. Ten aids were triangulation and 4 were located using the B-8 stereoplotter.

Two landmarks were located using the B-8 plotter.

38. Control for Future Surveys - None

39. Junctions

Refer to NOAA Form 76-36B.

40. thru 45.

Not applicable.


46. Comparison with Existing Maps

Comparison was made with the following USGS quads: Hudson North, New York, 1953, scale 1:24,000; Ravena, New York, 1953, scale 1:24,000.

47. Comparison with Existing Charts

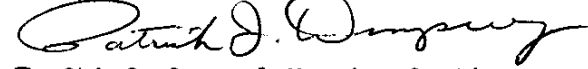
Comparison was made with the following charts: 12348, 28th Edition, March 13, 1982, scale 1:40,000; 12347, 23rd Edition, Jan. 19, 1980, Revised March 7, 1981, scale 1:40,000.

Respectfully submitted,



Charles Heazel

Approved and Forwarded:


for Chief, Coastal Mapping Section

REVIEW REPORT TP-00856
SHORELINE

AUGUST 1984

61. GENERAL STATEMENT

All detail was compiled from the 1:60,000-scale natural color photographs using the Wild B-8 stereoplotter. The 1:20,000-scale photographs were graphically used as an aid and to complement the 1:60,000-scale photographs in office interpretation of the MHW line. Tidal data concurrent with the 1:20,000-scale photographs, based on the Hudson River Datum, was furnished by the Corps of Engineers. Refer to Summary bound with this Descriptive Report.

62. COMPARISON WITH REGISTERED TOPOGRAPHIC SURVEYS

None

63. COMPARISON WITH MAPS OF OTHER AGENCIES

Refer to Compilation Report, paragraph 46, bound with this Descriptive Report.

64. COMPARISON WITH CONTEMPORARY HYDROGRAPHIC SURVEYS

None

65. COMPARISON WITH NAUTICAL CHARTS

Refer to Compilation Report, paragraph 47, bound with this Descriptive Report.

66. ADEQUACY OF RESULTS AND FUTURE SURVEYS

This map complies with the project instructions and meets National Map Accuracy Standards.

67. PHOTOGRAPHS

Natural color photographs were taken in 1975 at scales of 1:60,000 and 1:20,000. Basic aerotriangulation and compilation photographs (1:60,000 scale) were taken with the Wild RC-10(C) camera, supplemental photographs (1:20,000 scale) with the Wild RC-8(E) camera.

Submitted by:

Edward D. Allen
Cartographer

Approved and Forwarded:

Chief, Photogrammetric Section

Chief, Photogrammetry Branch

JUL 23 1984

GEOGRAPHIC NAMES

FINAL NAME SHEET

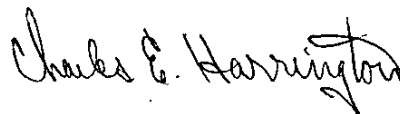
CM-7405 (Hudson River, New York)

TP-00856

Athens
Bronck Island
Conrail (RR)
Coxsackie
Coxsackie Creek
Coxsackie Island
Fitchs Wharf
Fourmile Point
Gays Point
Hudson
Hudson River
Judson Point
Little Nutten Hook
Middle Ground Flats
Mill Creek

Murderers Creek
Newton Hook
North Bay
Nuttan Hook
Otter Hook
Priming Hook
Rattlesnake Island
Sickles Creek
Stockport Creek
Stockport Middle Ground
Stockport Station
Stuyvesant
Vosburgh Swamp
West Flats

Approved by:



Charles E. Harrington
Chief Geographer
Nautical Charting Division

DISSEMINATION OF PROJECT MATERIAL

CM-7405

NATIONAL ARCHIVES/FEDERAL RECORDS CENTER

Job Completion Report

Brown Jacket:

Aerotriangulation Photographs

Photogrammetric Plot Report Copy

Computer Listings

Tide Data

Field Control Report

NOAA Form 76-53 (Control Identification Cards)

NOAA Form 76-40

BUREAU ARCHIVES

Registered Map

Descriptive Report

REPRODUCTION DIVISION

8x Reduction Negative of the Map

OFFICE OF STAFF GEOGRAPHER

Geographic Names Standards

| NOAA FORM 76-40 (8-74) Replaces C&GS Form 567. | | | | U.S. DEPARTMENT OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION | | | | NONFLOATING AIDS OR LANDMARKS FOR CHARTS | | | | ORIGINATING ACTIVITY | | | |
|--|--|--|--|--|----------|------------|-------|--|-------|--|--|----------------------|--|--|--|
| CHARTING NAME | | REPORTING UNIT (If field party, ship or office) | | STATE | | LOCALITY | | DATE | | <input type="checkbox"/> HYDROGRAPHIC PARTY <input type="checkbox"/> GEODETIC PARTY <input type="checkbox"/> PHOTO FIELD PARTY <input checked="" type="checkbox"/> COMPILATION ACTIVITY <input type="checkbox"/> FINAL REVIEWER <input type="checkbox"/> QUALITY CONTROL & REVIEW SRP <input type="checkbox"/> COAST PILOT BRANCH (See reverse for responsible personnel) | | | | | |
| CHARTING NAME | | DESCRIPTION (Record reason for deletion of landmark or aid to navigation. Show triangulation station names, where applicable, in parentheses.) | | SURVEY NUMBER | | DATUM | | POSITION | | METHOD AND DATE OF LOCATION (See instructions on reverse side) | | CHARTS AFFECTED | | | |
| | | | | JOB NUMBER | | | | LATITUDE | | LONGITUDE | | FIELD | | | |
| | | | | CM-7405 | | N. A. 1927 | | ° / ' D.M. Meters | | ° / ' D.P. Meters | | | | | |
| | | MIDDLE HUDSON RIVER | | | TP-00856 | | | | | | | | | | |
| Light | | Hudson City Light (Hudson City Lighthouse, 1934) | | | | 42° 15' | 06.86 | 73° 48' | 33.08 | Triangulation | | 12347 | | | |
| Light 2 | | Middle Ground Flats West Channell Light 2 (Athens Light, 1934) | | | | 42° 16' | 10.37 | 73° 47' | 54.58 | Triangulation | | " | | | |
| Light 86 | | Priming Hook Light, 1934 | | | | 42° 16' | 43.49 | 73° 47' | 00.38 | Triangulation | | " | | | |
| | | UPPER HUDSON RIVER | | | | | | | | | | | | | |
| Light 1 | | | | | | 42° 17' | 31.04 | 73° 47' | 11.36 | 75(CC)5803 5/7/75 | | 12347 12348 | | | |
| Light 5 | | Four Mile Point Light, 1934 | | | | 42° 18' | 13.09 | 73° 46' | 58.60 | Triangulation | | 12348 | | | |
| Light 8 | | | | | | 42° 19' | 16.22 | 73° 46' | 59.69 | 75(CC)5803 5/7/75 | | " | | | |
| Light 9 | | | | | | 42° 19' | 53.91 | 73° 47' | 16.72 | 75(CC)5803 5/7/75 | | " | | | |
| Light 13 | | Lampman Hill Light, 1934 | | | | 42° 20' | 30.53 | 73° 47' | 19.17 | Triangulation | | " | | | |

| RESPONSIBLE PERSONNEL | | ORIGINATOR | |
|---|--|--|--|
| NAME | | <input type="checkbox"/> PHOTO FIELD PARTY <input type="checkbox"/> HYDROGRAPHIC PARTY <input type="checkbox"/> GEODETIC PARTY <input type="checkbox"/> OTHER (Specify) | |
| TYPE OF ACTION | | FIELD ACTIVITY REPRESENTATIVE | |
| OBJECTS INSPECTED FROM SEAWARD | | OFFICE ACTIVITY REPRESENTATIVE | |
| POSITIONS DETERMINED AND/OR VERIFIED | | <input type="checkbox"/> REVIEWER <input type="checkbox"/> QUALITY CONTROL AND REVIEW GROUP REPRESENTATIVE | |
| FORMS ORIGINATED BY QUALITY CONTROL AND REVIEW GROUP AND FINAL REVIEW ACTIVITIES | | | |
| INSTRUCTIONS FOR ENTRIES UNDER METHOD AND DATE OF LOCATION* (Consult Photogrammetric Instructions No. 64, 7500) | | | |
| OFFICE I. OFFICE IDENTIFIED AND LOCATED OBJECTS Enter the number and date (including month, day, and year) of the photograph used to identify and locate the object. EXAMPLE: 75E(C)6042 8-12-75 | | FIELD (Cont'd) B. Photogrammetric field positions** require entry of method of location or verification, date of field work and number of the photograph used to locate or identify the object. EXAMPLE: P-8-V 8-12-75 74L(C)2982 | |
| FIELD I. NEW POSITION DETERMINED OR VERIFIED Enter the applicable data by symbols as follows: F - Field L - Located V - Verified 1 - Triangulation 2 - Traverse 3 - Intersection 4 - Resection 5 - Field identified 6 - Theodolite 7 - Planetable 8 - Sextant P - Photogrammetric Vis - Visually A. Field positions* require entry of method of location and date of field work. EXAMPLE: F-2-6-L 8-12-75 | | II. POSITION VERIFIED VISUALLY ON PHOTOGRAPH Enter 'V-Vis.' and date. EXAMPLE: V-Vis. 8-12-75 **PHOTOGAMMETRIC FIELD POSITIONS are dependent entirely, or in part, upon control established by photogrammetric methods. | |
| *FIELD POSITIONS are determined by field observations based entirely upon ground survey methods. | | | |

| NOAA FORM 76-40 (8-74) Replaces C&GS Form 567. NONFLOATING AIDS OR LANDMARKS FOR CHARTS U.S. DEPARTMENT OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION | | | | | | | | | | ORIGINATING ACTIVITY <input type="checkbox"/> HYDROGRAPHIC PARTY <input type="checkbox"/> GEODETIC PARTY <input type="checkbox"/> PHOTO FIELD PARTY <input checked="" type="checkbox"/> COMPILATION ACTIVITY <input type="checkbox"/> FINAL REVIEWER <input type="checkbox"/> QUALITY CONTROL & REVIEW GRP. <input type="checkbox"/> COAST PILOT BRANCH (See reverse for responsible personnel) | |
|---|--|------------------------------|--|---|--|--|--|--|--|--|--|
| REPORTING UNIT (Field Party, Ship or Office) Rockville, Md. | | STATE New York | | LOCALITY Hudson River | | DATE 10/7/82 | | | | | |
| OPR PROJECT NO. | | JOB NUMBER CM-7405 | | SURVEY NUMBER TP-00856 | | The following objects HAVE <input type="checkbox"/> HAVE NOT <input checked="" type="checkbox"/> been inspected from seaward to determine their value as landmarks. | | | | | |
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| | | | | | | | | | | | |

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

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