

TP-00854

TP-00854

NOAA FORM 76-35 (3-76)	
U.S. DEPARTMENT OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION NATIONAL OCEAN SURVEY	
DESCRIPTIVE REPORT	
This map will not be field checked	
Map No. TP-00854	Edition No. I
Job No. CM-7405	
Map Classification III	
Type of Survey Shoreline	
LOCALITY	
State New York	
General Locality Hudson River	
Locality Papscaanee Island to Stony Island	
1975 TO 19	
REGISTRY IN ARCHIVES	
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.	
<b>DESCRIPTIVE REPORT - DATA RECORD</b>		TYPE OF SURVEY <input checked="" type="checkbox"/> ORIGINAL <input type="checkbox"/> RESURVEY <input type="checkbox"/> REVISED	
PHOTOGRAMMETRIC OFFICE  Rockville, Md.		SURVEY TP- 00854 MAP EDITION NO. (I) MAP CLASS III JOB <del>XXX</del> CM-7405	
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 PH- MAP CLASS SURVEY DATES: 19__ TO 19__	
<b>I. INSTRUCTIONS DATED</b>			
<b>1. OFFICE</b>		<b>2. FIELD</b>	
Aerotriangulation 9/4/75 Compilation 5/19/82		Field 4/2/75 Field 4/15/75	
<b>II. DATUMS</b>			
1. HORIZONTAL: <input checked="" type="checkbox"/> 1927 NORTH AMERICAN		OTHER (Specify)	
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)  Hudson River Datum	
3. MAP PROJECTION  Transverse Mercator		4. GRID(S) STATE New York      ZONE East	
5. SCALE  1:20,000		STATE      ZONE	
<b>III. HISTORY OF OFFICE OPERATIONS</b>			
<b>OPERATIONS</b>		<b>NAME</b>	<b>DATE</b>
1. AEROTRIANGULATION METHOD: Analytic      LANDMARKS AND AIDS BY		D. O. Norman	12/4/75
2. CONTROL AND BRIDGE POINTS METHOD:      PLOTTED BY		J. Perrow	12/4/75
3. STEREOSCOPIC INSTRUMENT COMPILATION INSTRUMENT: B-8 SCALE: 1:20,000		H. Jones E. D. Allen E. D. Allen P. Dempsey N/A N/A	7/1/77 10/82 10/82 11/82
4. MANUSCRIPT DELINEATION  METHOD: Smooth Drafted SCALE: 1:20,000		PLANIMETRY BY CHECKED BY CONTOURS BY CHECKED BY HYDRO SUPPORT DATA BY CHECKED BY	E. D. Allen P. Dempsey N/A N/A N/A N/A
5. OFFICE INSPECTION PRIOR TO FIELD EDIT		P. Dempsey	11/82
6. APPLICATION OF FIELD EDIT DATA		N/A	
7. COMPILATION SECTION REVIEW		P. Dempsey	2/83
8. FINAL REVIEW		E. D. Allen	8/7/84
9. DATA FORWARDED TO PHOTOGRAMMETRIC BRANCH			
10. DATA EXAMINED IN PHOTOGRAMMETRIC BRANCH			
11. MAP REGISTERED - COASTAL SURVEY SECTION		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		TIME REFERENCE	
TIDE STAGE REFERENCE		(C) COLOR (P) PANCHROMATIC (I) INFRARED		ZONE	<input checked="" type="checkbox"/> STANDARD <input type="checkbox"/> DAYLIGHT
<input checked="" type="checkbox"/> PREDICTED TIDES <input type="checkbox"/> REFERENCE STATION RECORDS <input type="checkbox"/> TIDE CONTROLLED PHOTOGRAPHY				Eastern	
				MERIDIAN	
				75th	
NUMBER AND TYPE	DATE	TIME	SCALE	STAGE OF TIDE	
75C(C)5793 thru 5798	5/7/75	1451	1:60,000	-5.2 Ft MHW (Albany)	
75E(C)8989 thru 8999	4/23/75	0740	1:20,000		

## REMARKS

Stage of tide computed at Albany 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-00853	N/A	TP-00855	N/A
REMARKS			

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
3 Pgs.		OCT 15 1984	76-40 LANDMARKS & 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	

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 ~~INSPECTION~~ OPERATION☐ FIELD EDIT OPERATION

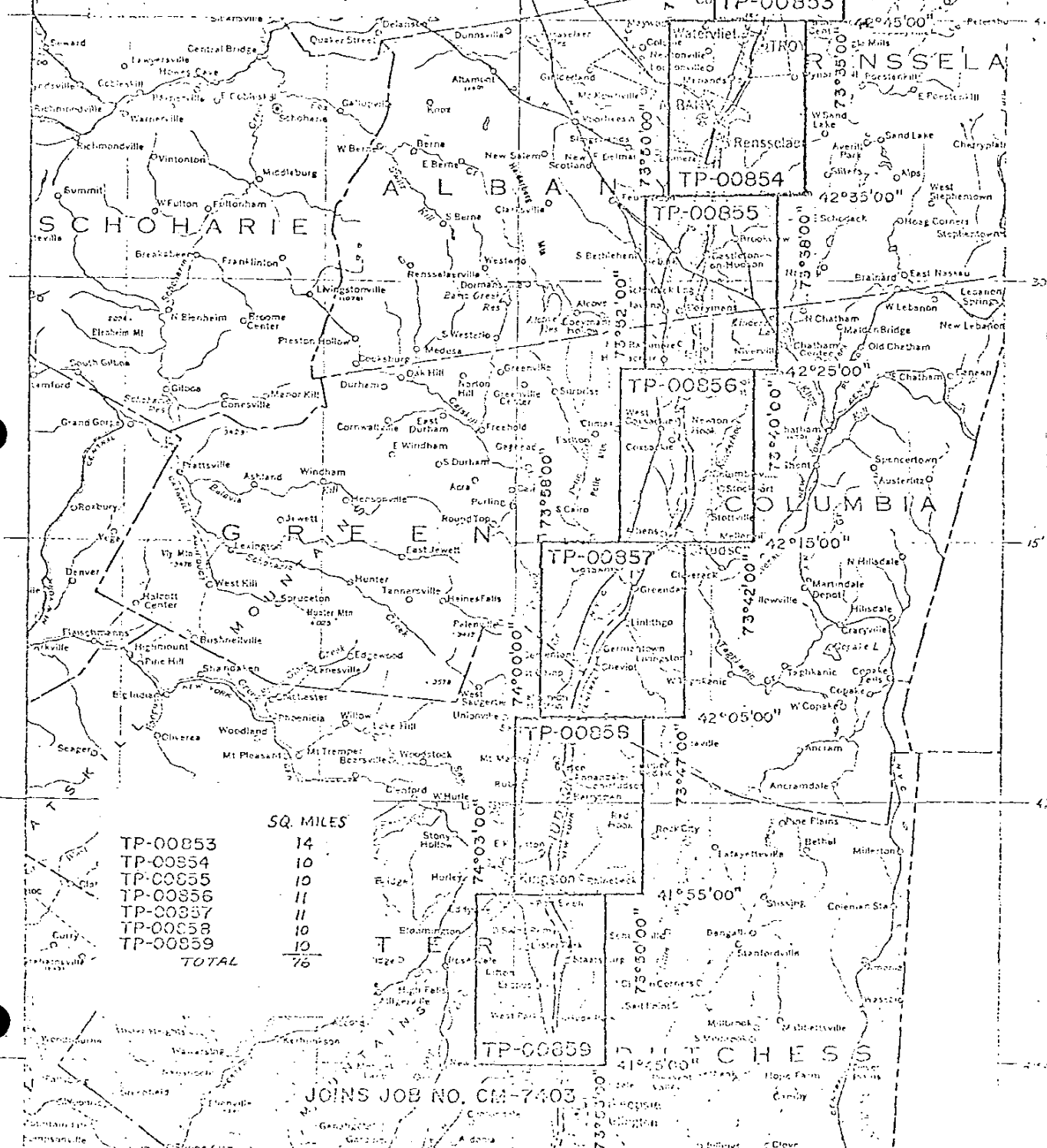
OPERATION	NAME	DATE
1. CHIEF OF FIELD PARTY	Robert S Tibbetts	4/75
2. HORIZONTAL CONTROL	RECOVERED BY ESTABLISHED BY PRE-MARKED OR IDENTIFIED BY	4/75
3. VERTICAL CONTROL	RECOVERED BY ESTABLISHED BY PRE-MARKED OR IDENTIFIED BY	4/75
4. LANDMARKS AND AIDS TO NAVIGATION	RECOVERED (Triangulation Stations) BY LOCATED (Field Methods) BY IDENTIFIED BY	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	
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 2 Pre-marks		2. VERTICAL CONTROL IDENTIFIED none	
PHOTO NUMBER	STATION NAME	PHOTO NUMBER	STATION DESIGNATION
750(c)5797	Teller (NYSS-1879) 1934		
750(c)5794	Lansing (NYSS) 1942		
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 checked="" 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) 2-forms 76-53 with attached quad. cutouts.			

NOAA FORM 76-36C  
(3-72)

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



SUMMARY TO ACCOMPANY  
DESCRIPTIVE REPORT  
TP-008<sup>54</sup>

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-00854

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

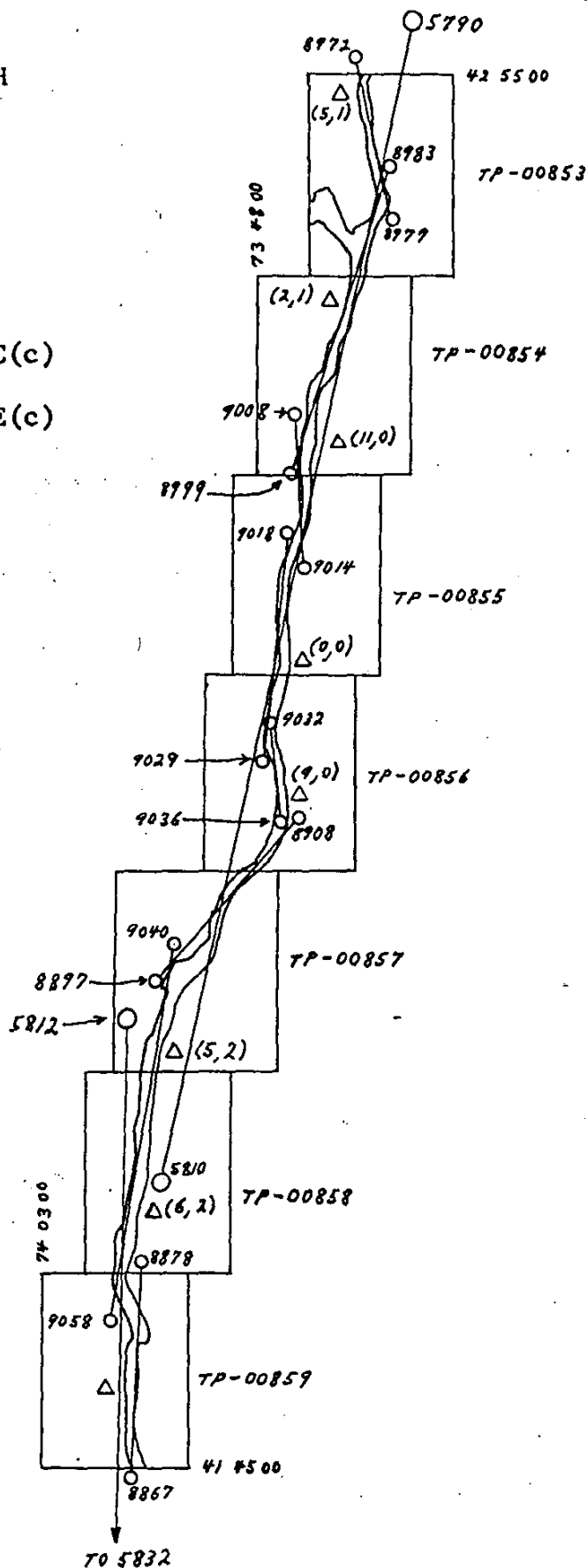
Approved by,

*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)  
 or ratio photography  
 1:20000 scale 75E(c)



## DESCRIPTIVE REPORT CONTROL RECORD

MAP NO.		JOB NO.		GEODETIC DATUM		ORIGINATING ACTIVITY		GEOGRAPHIC POSITION		REMARKS	
STATION NAME		SOURCE OF INFORMATION (Index)		AEROTRI- ANGULATION POINT NUMBER		COORDINATES IN FEET STATE <u>New York</u> ZONE <u>East</u>		$\phi$ LATITUDE $\lambda$ LONGITUDE			
TP-00854	CM-7405										
Cross Over Light, 1934	G. P. Vol 1 Pg. 404	27		X=	$\phi$ 42° 36' 48.957"						
				Y=	$\lambda$ 73° 45' 45.292"						
Beacon Island Light, 1934	"	28		X=	$\phi$ 42° 36' 09.694"						
				Y=	$\lambda$ 73° 45' 49.796"						
Van Wies Point Light, 1934	G. P. Vol 1 Pg. 402	29		X=	$\phi$ 42° 35' 05.287"						
				Y=	$\lambda$ 73° 45' 29.650"						
Lansing (N.Y.S.S., No.239), 1860	G. P. Vol 1 Pg. 615	794100		X=	$\phi$ 42° 44' 12.427"						
				Y=	$\lambda$ 73° 42' 58.650"						
Teller (N.Y.S.S.), 1879	G. P. Vol 1 Pg. 197	797100		X=	$\phi$ 42° 36' 25.926"						
				Y=	$\lambda$ 73° 44' 05.767"						
Teller Hill Standpipe, 1934	G. P. Vol 1 Pg. 405	796110		X=	$\phi$ 42° 36' 52.089"						
				Y=	$\lambda$ 73° 43' 59.490"						
Rensselaer St. John's Church Spire, 1934	G. P. Vol 1 Pg. 409	17		X=	$\phi$ 42° 38' 25.698"						
				Y=	$\lambda$ 73° 44' 20.575"						
Niagara Hudson Coke Company Stack, 1938	G. P. Vol 1 Pg. 202	794110		X=	$\phi$ 42° 42' 11.696"					Appears to be Destroyed	
				Y=	$\lambda$ 73° 42' 05.312						
				X=	$\phi$						
				Y=	$\lambda$						
				X=	$\phi$						
				Y=	$\lambda$						
COMPUTED BY		DATE		COMPUTATION CHECKED BY		DATE					
LISTED BY	E. D. Allen	DATE	10/82	LISTING CHECKED BY	P. Dempsey	DATE	11/82				
HAND PLOTTING BY		DATE		HAND PLOTTING CHECKED BY		DATE					

Compilation Report  
TP-00854

October 1982

31. Delineation

Planimetry was compiled from the natural color photographs using the Wild B-8 stereoplotter. There was no mean high or low water tide-coordinated infrared photographs. All detail was compiled from 1:60,000-scale bridging photographs and verified with the black and white 1:20,000-scale photographs.

32. Control

See attached Photogrammetric Plot Report, dated December 4, 1975. Vertical control was taken from USGS quadrangles.

33. Supplemental Data - None

34. Contours and Drainage

Contours not applicable. Drainage was delineated using the Wild B-8 stereoplotter.

35. Shoreline and Alongshore Detail

The shoreline was delineated and alongshore detail identified by office interpretation of the bridging photographs. These photographs were adequate in the photointerpretation of this map. No field inspection was made prior to the compilation. Small piers were omitted when size was too small for the scale of this manuscript.

36. Offshore Detail

Piles, dolphins, wrecks, etc., were searched for during compilation and located where possible.

37. Landmarks and Aids

Five charted landmarks were located or verified during compilation. Only those landmarks and aids that were visible on photographs are shown on this map.

38. Control for Future Surveys - None

39. Junctions

Refer to NOAA Form 76-36B - Item 5.

40. thru 45. - Not Applicable

46. Comparison with Existing Maps

Albany, New York, Scale 1:24,000, dated 1953

Troy South, New York, Scale 1:24,000, dated 1953

East Greenbush, New York, Scale 1:24,000, dated 1953

Delma, New York, Scale 1:24,000, dated 1953

47. Comparison with Nautical Charts

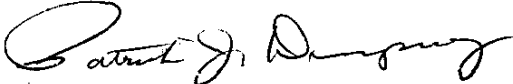
Chart 12348, 28th Edition, March 13, 1982, Scale 1:40,000

Submitted by,



Edward D. Allen

Approved and Forwarded:



For:

Frank Wright  
Chief, Coastal Mapping Section

REVIEW REPORT TP-00854  
SHORELINE

AUGUST 1984

61. GENERAL STATEMENT

Compilation was performed from the natural color photographs (1:60,000 scale) using the Wild B-8 stereoplotter. The shoreline and alongshore detail was compiled by office interpretation of these photographs. The 1:20,000-scale photographs were used graphically to complement and aid in the interpretation of the high water 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.

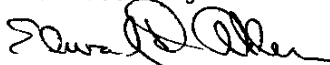
66. ADEQUACY OF RESULTS AND FUTURE SURVEYS

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

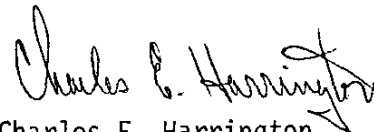
CM-7405 (Hudson River, New York)

TP-00854

Adams Island  
Albany  
Cabbage Island  
Conrail (RR)  
Delaware & Hudson (RY)  
Glenmont  
Green Island (locality)  
Hudson River  
Island Creek  
Kenwood  
Lower Patroon Island  
Menands  
Mill Creek

Normans Kill  
Papscanee Creek  
Papscanee Island  
Poeston Kill  
Port of Albany  
Rensselaer  
South Troy  
Starbuck Island  
Stony Island  
Troy  
Watervliet  
Westerlo Island  
Wynants Kill

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.

☒ TO BE CHARTED  
☐ TO BE REVISED  
☐ TO BE DELETED

REPORTING UNIT  
(Field Party, Ship or Office)  
Rockville, Md.

STATE  
New York

LOCALITY  
Hudson River

DATE  
10/82

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

# NONFLOATING AIDS OR LANDMARKS FOR CHARTS

ORIGINATING ACTIVITY  
☐ HYDROGRAPHIC PARTY  
☐ GEODETIC PARTY  
☐ PHOTO FIELD PARTY  
☒ COMPILATION ACTIVITY  
☐ FINAL REVIEWER  
☐ QUALITY CONTROL & REVIEW GRP.  
☐ COAST PILOT BRANCH  
(See reverse for responsible personnel)

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

CHARTING NAME	DESCRIPTION (Record reason for deletion of landmark or aid to navigation. Show triangulation station names, where applicable, in parentheses.)	DATUM		POSITION				METHOD AND DATE OF LOCATION (See instructions on reverse side)		CHARTS AFFECTED
		OPR PROJECT NO.	JOB NUMBER	SURVEY NUMBER	LATITUDE	LONGITUDE	OFFICE	FIELD		
									° /	
	UPPER HUDSON RIVER									
Light 65	Van Wies Point Light, 1934			42° 35'	05.287	73° 45'	29.650	Triangulation		12348
Light	Texaco Lower Dolphin Light			42 35	34.0	73 45	40.0	75E(C)9010 4/23/75		"
Light	Texaco Upper Dolphin Light			42 35	36.3	73 45	40.6	75E(C)9010 4/23/75		"
Light 67	Beacon Island Light, 1934			42° 36'	09.694	73° 45'	49.796"	Triangulation		"
Light	Cabbage Island Lower Dolphin Light			42 36	32.4	73 45	47.5	75E(C)9010 4/23/75		"
Light	Cabbage Island Upper Dolphin Light			42 36	34.9	73 45	46.9	75E(C)9010 4/23/75		"
Light 69	Cross Over Light, 1934			42° 36'	48.957	73° 45'	45.292	Triangulation		"
Light 71				42 39	31.6	73 44	20.3	75E(C)8994 4/23/75		"
Light 72				42 40	12.2	73 43	26.5	75E(C)8994 4/23/75		"

TYPE OF ACTION		RESPONSIBLE PERSONNEL		ORIGINATOR	
		NAME			
OBJECTS INSPECTED FROM SEAWARD		PH 3 13 PH 37.9 57.3 10		<input type="checkbox"/> PHOTO FIELD PARTY <input type="checkbox"/> HYDROGRAPHIC PARTY <input checked="" type="checkbox"/> GEODETIC PARTY <input type="checkbox"/> OTHER (Specify)	
POSITIONS DETERMINED AND/OR VERIFIED		PH 30 12 32		FIELD ACTIVITY REPRESENTATIVE	
FORMS ORIGINATED BY QUALITY CONTROL AND REVIEW GROUP AND FINAL REVIEW		PH 30 30 12 32		<input type="checkbox"/> REVIEWER <input type="checkbox"/> QUALITY CONTROL AND REVIEW GROUP REPRESENTATIVE	
ACTIVITIES		INSTRUCTIONS FOR ENTRIES UNDER METHOD AND DATE OF LOCATION* (Consult Photogrammetric Instructions No. 64.)			
<b>OFFICE</b> <b>I. OFFICE IDENTIFIED AND LOCATED OBJECTS</b> 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		<b>FIELD (Cont'd)</b> <b>B. Photogrammetric field positions** require</b> 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			
<b>FIELD</b> <b>I. NEW POSITION DETERMINED OR VERIFIED</b> 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		<b>II. TRIANGULATION STATION RECOVERED</b> 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 <b>III. POSITION VERIFIED VISUALLY ON PHOTOGRAPH</b> Enter 'V-Vis.' and date. EXAMPLE: V-Vis. 8-12-75 <b>**PHOTOGRAMMETRIC FIELD POSITIONS are dependent entirely, or in part, upon control established by photogrammetric methods.</b>			
*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
INSTRUCTIONS FOR ENTRIES UNDER 'METHOD AND DATE OF LOCATION' (Consult Photogrammetric Instructions No. 64,	
<b>OFFICE</b> <b>I. OFFICE IDENTIFIED AND LOCATED OBJECTS</b> 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	<b>FIELD (Cont'd)</b> <b>B. Photogrammetric field positions** require</b> 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
<b>FIELD</b> <b>I. NEW POSITION DETERMINED OR VERIFIED</b> Enter the applicable data by symbols as follows: F - Field L - Located 1 - Triangulation 2 - Traverse 3 - Intersection 4 - Resection A. Field positions* require entry of method of location and date of field work. EXAMPLE: F-2-6-L 8-12-75	<b>II. TRIANGULATION STATION RECOVERED</b> 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 <b>III. POSITION VERIFIED VISUALLY ON PHOTOGRAPH</b> Enter 'V-Vis.' and date. EXAMPLE: V-Vis. 8-12-75 <b>**PHOTOGRAMMETRIC FIELD POSITIONS are dependent entirely, or in part, upon control established by photogrammetric methods.</b>

NOAA FORM 76-40 (8-74) Replaces C&GS Form 567.										U.S. DEPARTMENT OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION									
NON-FLUORINATED AND/OR LANDMARKS FOR CHARTS										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 (If field party, ship or office)		STATE		LOCALITY		DATE		METHOD AND DATE OF LOCATION (See instructions on reverse side)		CHARTS AFFECTED									
JOB NUMBER		SURVEY NUMBER		LATITUDE		LONGITUDE		OFFICE		FIELD									
CM-7405		TP-00854		42 35		39.6		73 45		75E(C)9010 4/23/75									
CM-7405		TP-00854		42 35		41.6		73 45		75E(C)9010 4/23/75									
CM-7405		TP-00854		42 42		21.7		73 42		75E(C)8992 4/23/75									
CM-7405		TP-00854		42 42		16.3		73 42		75E(C)8992 4/23/75									
CM-7405		TP-00854		42 43		12.3		73 41		75E(C)8992 4/23/75									
CM-7405		TP-00854		42 41		22.9		73 42		75E(C)8992 4/23/75									
CM-7405		TP-00854																	
CM-7405		TP-00854																	
CM-7405		TP-00854																	
CM-7405		TP-00854																	
Stack	Southernly of Four			42 35		39.6		73 45		75E(C)9010 4/23/75		12348							
Stack	Northerly of Four			42 35		41.6		73 45		75E(C)9010 4/23/75		"							
Tank				42 42		21.7		73 42		75E(C)8992 4/23/75		"							
Stack				42 42		16.3		73 42		75E(C)8992 4/23/75		"							
Stack				42 43		12.3		73 41		75E(C)8992 4/23/75		"							
TV Tower				42 41		22.9		73 42		75E(C)8992 4/23/75		"							

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
INSTRUCTIONS FOR ENTRIES UNDER METHOD AND DATE OF LOCATION (Consult Photogrammetric Instructions No. 64, Sec. (c) 8)	
<b>OFFICE</b> <b>I. OFFICE IDENTIFIED AND LOCATED OBJECTS</b> 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	<b>FIELD (Cont'd)</b> <b>B. Photogrammetric field positions** require</b> 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 03-2 74L(C)2982
<b>FIELD</b> <b>I. NEW POSITION DETERMINED OR VERIFIED</b> Enter the applicable data by symbols as follows: F - Field P - Photogrammetric L - Located Vis - Visually V - Verified 1 - Triangulation 5 - Field Identified 2 - Traverse 6 - Theodolite 3 - Intersection 7 - Planetable 4 - Resection 8 - Sextant A. Field positions* require entry of method of location and date of field work. EXAMPLE: F-2-6-L 8-12-75	<b>II. TRIANGULATION STATION RECOVERED</b> When a landmark (or aid which is also a triangulation station is recovered, enter 'Triang. Rec.' with date of recovery. EXAMPLE: Triang. Rec. T 8-12-75 <b>III. POSITION VERIFIED VISUALLY ON PHOTOGRAPH</b> Enter 'V-Vis.' and date. EXAMPLE: V-Vis. 8-12-75 <b>**PHOTOGRAMMETRIC FIELD POSITIONS are dependent entirely, or in part, upon control established by photogrammetric methods.</b>
*FIELD POSITIONS are determined by field observations based entirely upon ground survey methods.	

