

TP-00854

TP-00854

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-00854	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 River	
Locality Papscaanee Island to Stony Island	
<div style="border: 1px solid black; padding: 5px; text-align: center;"> 1975 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.		TYPE OF SURVEY <input checked="" type="checkbox"/> ORIGINAL <input type="checkbox"/> RESURVEY <input type="checkbox"/> REVISED		SURVEY TP. <u>00854</u> MAP EDITION NO. <u>(I)</u> MAP CLASS <u>III</u> JOB <u>XPM-7405</u>	
DESCRIPTIVE REPORT - DATA RECORD				LAST PRECEDING MAP EDITION TYPE OF SURVEY <input type="checkbox"/> ORIGINAL <input type="checkbox"/> RESURVEY <input type="checkbox"/> REVISED			
PHOTOGRAMMETRIC OFFICE Rockville, Md.				JOB PH. _____ MAP CLASS _____ SURVEY DATES: 19__ TO 19__			
OFFICER-IN-CHARGE Lawrence W. Fritz							
I. INSTRUCTIONS DATED							
1. OFFICE Aerotriangulation 9/4/75 Compilation 5/19/82				2. FIELD Field 4/2/75 Field 4/15/75			
II. DATUMS							
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			
III. HISTORY OF OFFICE OPERATIONS							
OPERATIONS				NAME		DATE	
1. AEROTRIANGULATION BY METHOD: Analytic LANDMARKS AND AIDS BY				D. O. Norman		12/4/75	
2. CONTROL AND BRIDGE POINTS PLOTTED BY METHOD: CHECKED BY				J. Perrow		12/4/75	
3. STEREOSCOPIC INSTRUMENT PLANIMETRY BY COMPILATION CHECKED BY				H. Jones		7/1/77	
INSTRUMENT: B-8 SCALE: 1:20,000				E. D. Allen		10/82	
4. MANUSCRIPT DELINEATION PLANIMETRY BY METHOD: Smooth Drafted CHECKED BY				E. D. Allen		10/82	
SCALE: 1:20,000 HYDRO SUPPORT DATA BY CHECKED BY				P. Dempsey		11/82	
5. OFFICE INSPECTION PRIOR TO FIELD EDIT BY				N/A		11/82	
6. APPLICATION OF FIELD EDIT DATA BY CHECKED BY				P. Dempsey		11/82	
7. COMPILATION SECTION REVIEW BY				N/A		2/83	
8. FINAL REVIEW BY				P. Dempsey		8/7/84	
9. DATA FORWARDED TO PHOTOGRAMMETRIC BRANCH BY				E. D. Allen		8/7/84	
10. DATA EXAMINED IN PHOTOGRAMMETRIC BRANCH BY				N/A		11/82	
11. MAP REGISTERED - COASTAL SURVEY SECTION BY				E. DAUGHERTY		Nov 1984	

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 checked="" type="checkbox"/> PREDICTED TIDES <input type="checkbox"/> REFERENCE STATION RECORDS <input type="checkbox"/> TIDE CONTROLLED PHOTOGRAPHY				MERIDIAN	<input type="checkbox"/> DAYLIGHT
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

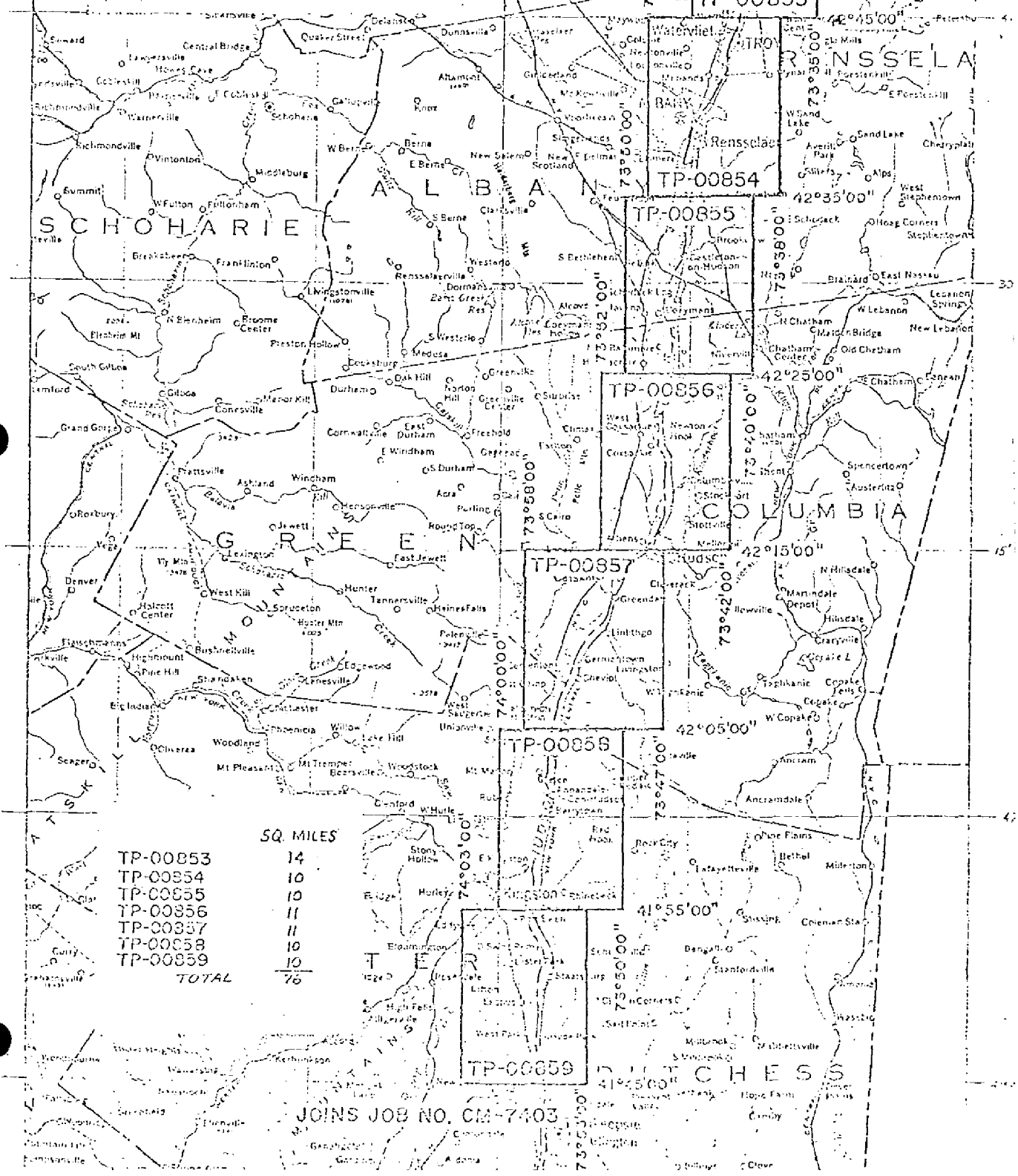
I. ☒ FIELD INSPECTION OPERATION☐ FIELD EDIT OPERATION

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
75C(C)5797	Teller (NYSS-1879)-1934		
75C(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.			

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



SUMMARY TO ACCOMPANY
DESCRIPTIVE REPORT
TP-00854

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

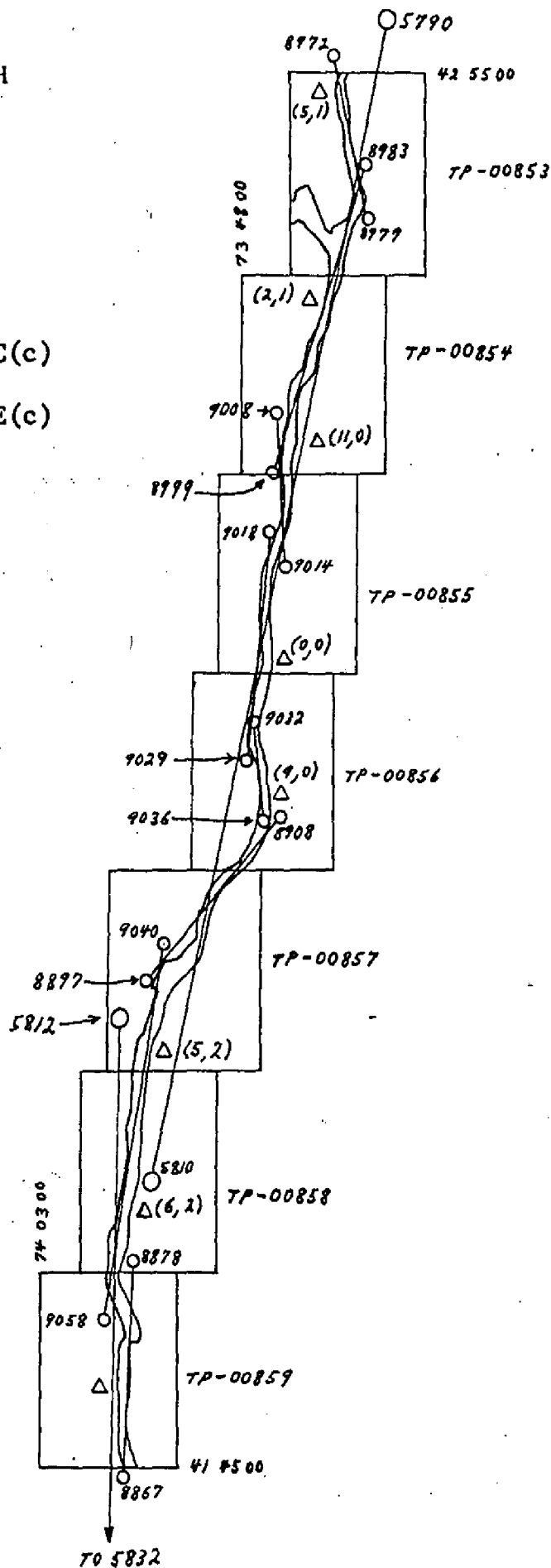
Approved by,

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)
Aerial photography
1:20000 scale 75E(c)



DESCRIPTIVE REPORT CONTROL RECORD

MAP NO.		JOB NO.		GEODETIC DATUM		ORIGINATING ACTIVITY		GEOGRAPHIC POSITION		REMARKS
TF-00854		CM-7405		N. A. 1927				ϕ LATITUDE λ LONGITUDE		
STATION NAME	SOURCE OF INFORMATION (Index)	AEROTRIANGULATION POINT NUMBER	COORDINATES IN FEET STATE New York ZONE East							
Cross Over Light, 1934	G. P. Vol 1 Pg. 404	27	x=		ϕ 42° 36'	48.957"				
			y=		λ 73° 45'	45.292"				
Beacon Island Light, 1934	"	28	x=		ϕ 42° 36'	09.694"				
			y=		λ 73° 45'	49.796"				
Van Wies Point Light, 1934	G. P. Vol 1 Pg. 402	29	x=		ϕ 42° 35'	05.287"				
			y=		λ 73° 45'	29.650"				
Lansing (N.Y.S.S., No.239), 1860	G. P. Vol 1 Pg. 615	794100	x=		ϕ 42° 44'	12.427"				
			y=		λ 73° 42'	58.650"				
Teller (N.Y.S.S.), 1879	G. P. Vol 1 Pg. 197	797100	x=		ϕ 42° 36'	25.926"				
			y=		λ 73° 44'	05.767"				
Teller Hill Standpipe, 1934	G. P. Vol 1 Pg. 405	796110	x=		ϕ 42° 36'	52.089"				
			y=		λ 73° 43'	59.490"				
Rensselaer St. John's Church Spire, 1934	G. P. Vol 1 Pg. 409	17	x=		ϕ 42° 38'	25.698"				
			y=		λ 73° 44'	20.575"				
Niagara Hudson Coke Company Stack, 1938	G. P. Vol 1 Pg. 202	794110	x=		ϕ 42° 42'	11.696"			Appears to be Destroyed	
			y=		λ 73° 42'	05.312"				
			x=		ϕ					
			y=		λ					
			x=		ϕ					
			y=		λ					
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

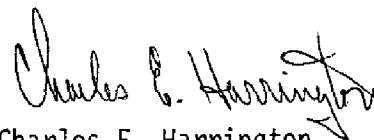
CM-7405 (Hudson River, New York)

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

Replaces C&GS Form 567.

☒ TO BE CHARTED
☐ TO BE REVISED
☐ TO BE DELETEDREPORTING UNIT
(Field Party, Ship or Office)
Rockville, Md.STATE
New YorkLOCALITY
Hudson RiverDATE
10/82U.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.

OPR PROJECT NO.

JOB NUMBER
CM-7405SURVEY NUMBER
TP-00854DATUM
N. A. 1927

CHARTING NAME	DESCRIPTION (Record reason for deletion of landmark or aid to navigation. Show triangulation station names, where applicable, in parentheses)	POSITION				(See instructions on reverse side)		CHARTS AFFECTED
		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 8h	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		NAME		NAME	
OBJECTS INSPECTED FROM SEAWARD		PHOTO 3		PHOTO FIELD PARTY	
POSITIONS DETERMINED AND/OR VERIFIED		37.0		HYDROGRAPHIC PARTY	
FORMS ORIGINATED BY QUALITY CONTROL AND REVIEW GROUP AND FINAL REVIEW		30		GEODETIC PARTY	
ACTIVITIES		30		OTHER (Specify)	
INSTRUCTIONS FOR ENTRIES UNDER 'METHOD AND DATE OF LOCATION' (Consult Photogrammetric Instructions No. 64.)		30		FIELD ACTIVITY REPRESENTATIVE	
OFFICE IDENTIFIED AND LOCATED OBJECTS		30		OFFICE ACTIVITY REPRESENTATIVE	
Enter the number and date (including month, day, and year) of the photograph used to identify and locate the object.		30		REVIEWER	
EXAMPLE: 75E(C)6042		30		QUALITY CONTROL AND REVIEW GROUP REPRESENTATIVE	
8-12-75		30			
FIELD		30			
I. NEW POSITION DETERMINED OR VERIFIED		30			
Enter the applicable data by symbols as follows:		30			
F - Field		30			
L - Located		30			
V - Verified		30			
1 - Triangulation		30			
2 - Traverse		30			
3 - Intersection		30			
4 - Resection		30			
A. Field positions* require entry of method of location and date of field work.		30			
EXAMPLE: F-2-6-L		30			
8-12-75		30			
*FIELD POSITIONS are determined by field observations based entirely upon ground survey methods.		30			
FIELD (Cont'd)		30			
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.		30			
EXAMPLE: P-8-V		30			
8-12-75		30			
74L(C)2982		30			
I. TRIANGULATION STATION RECOVERED		30			
When a landmark or aid which is also a triangulation station is recovered, enter 'Triang. Rec.' with date of recovery.		30			
EXAMPLE: Triang. Rec.		30			
8-12-75		30			
III. POSITION VERIFIED VISUALLY ON PHOTOGRAPH		30			
Enter 'V-Vis.' and date.		30			
EXAMPLE: V-Vis.		30			
8-12-75		30			
**PHOTOGRAMMETRIC FIELD POSITIONS are dependent entirely, or in part, upon control established by photogrammetric methods.		30			

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	<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 P - Photogrammetric L - Located Vis - Visually 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	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.

NOAA FORM 76-40 (8-74) Replaces C&GS Form 567.										U.S. DEPARTMENT OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION										
NON-FLUORINATED AIDS 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) Rockville, Md.										LOCALITY Hudson River										
STATE New York										DATE 1./82										
JOB NUMBER CM-7405										SURVEY NUMBER TP-00854										
CHARTING NAME Stack										DESCRIPTION (Record reason for deletion of landmark or aid to navigation. Show triangulation station names, where applicable, in parentheses.) Southerly of Four										
OPR PROJECT NO.										DATUM N. A. 1927										
HAVE <input type="checkbox"/> BEEN INSPECTED FROM SEAWARD TO DETERMINE THEIR VALUE AS LANDMARKS.										METHOD AND DATE OF LOCATION (See instructions on reverse side)										
CHARTING NAME										CHARTS AFFECTED										
Stack											OFFICE 75E(C)9010 4/23/75									
Stack											OFFICE 75E(C)9010 4/23/75									
Tank											OFFICE 75E(C)8992 4/23/75									
Stack											OFFICE 75E(C)8992 4/23/75									
Stack											OFFICE 75E(C)8992 4/23/75									
TV Tower											OFFICE 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	<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, Sec. (C) 8.1.5)	
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 03-2 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. T 8-12-75 III. 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.	

