

TP-0900

TP-0900

NOAA FORM 76-35 (3-76)	
U.S. DEPARTMENT OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION NATIONAL OCEAN SURVEY	
DESCRIPTIVE REPORT	
THIS MAP EDITION WILL NOT BE FIELD EDITED	
Map No. TP-00900	Edition No. 1
Job No. CM-8000	
Map Classification CLASS III FINAL	
Type of Survey SHORELINE	
LOCALITY	
State NEW YORK	
General Locality Lake Ontario Niagara River to Rochester	
Locality Rochester	
1980 TO 19	
REGISTRY IN ARCHIVES	
DATE	

NOAA FORM 76-36A (3-72)		U. S. DEPARTMENT OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMIN.		TYPE OF SURVEY		SURVEY TP. 00900	
DESCRIPTIVE REPORT - DATA RECORD				<input checked="" type="checkbox"/> ORIGINAL		MAP EDITION NO. (1)	
				<input type="checkbox"/> RESURVEY		MAP CLASS III Final	
				<input type="checkbox"/> REVISED		JOB RR CM-8000	
PHOTOGRAMMETRIC OFFICE				LAST PRECEDING MAP EDITION			
Atlantic Marine Center Coastal Mapping Division, Norfolk, VA				TYPE OF SURVEY		JOB PH. _____	
OFFICER-IN-CHARGE				<input type="checkbox"/> ORIGINAL		MAP CLASS _____	
Max Ethridge				<input type="checkbox"/> RESURVEY		SURVEY DATES:	
				<input type="checkbox"/> REVISED		19__ TO 19__	
I. INSTRUCTIONS DATED							
1. OFFICE				2. FIELD			
Aerotriangulation August 1, 1980 Amendment-Change No. 1 August 18, 1980 Compilation September 30, 1981 Memo (Registration of Part I) Dec. 9, 1981 Memo (Re: Post compilation) December 14, 1981 Memo (Registration of Parts II & III) May 13, 1982				Control Premarking March 25, 1980			
II. DATUMS							
1. HORIZONTAL: <input checked="" type="checkbox"/> 1927 NORTH AMERICAN				OTHER (Specify)			
2. VERTICAL: <input 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) International Great Lakes Datum, (1955) Lake Ontario Low Water Datum			
3. MAP PROJECTION				4. GRID(S)			
Transverse Mercator				STATE New York		ZONE West	
5. SCALE 1:10,000				STATE		ZONE	
III. HISTORY OF OFFICE OPERATIONS							
OPERATIONS				NAME		DATE	
1. AEROTRIANGULATION BY				B. Thornton		Aug. 1980	
METHOD: Analytic LANDMARKS AND AIDS BY				Don Norman		Aug. 1980	
2. CONTROL AND BRIDGE POINTS PLOTTED BY				B. Thornton		Oct. 1980	
METHOD: Ceradomat / Calcomp 718 CHECKED BY				B. Thornton		Oct. 1980	
3. STEREOSCOPIC INSTRUMENT PLANIMETRY BY				P. L. Evans		Jan. 1982	
COMPILATION CHECKED BY				R. Kravitz		Jan. 1982	
INSTRUMENT: Wild B-8				CONTOURS BY		NA	
SCALE: 1:10,000				CHECKED BY		NA	
4. MANUSCRIPT Delineation PLANIMETRY BY				C. Klein		April 1982	
CHECKED BY				R. Kravitz		June 1982	
METHOD: Smooth drafted				CONTOURS BY		NA	
CHECKED BY				NA			
SCALE: 1:10,000 HYDRO SUPPORT DATA BY				C. Klein		April 1982	
CHECKED BY				R. Kravitz		June 1982	
5. OFFICE INSPECTION PRIOR TO FIELD EDIT BY				R. Kravitz		June 1982	
6. APPLICATION OF FIELD EDIT DATA BY				None			
CHECKED BY				None			
7. COMPILATION SECTION REVIEW Class III BY				R. Kravitz		June 1982	
8. FINAL REVIEW Class III BY				L. O. Neterer, Jr.		July 1982	
9. DATA FORWARDED TO PHOTOGRAMMETRIC BRANCH BY				Lowell O. Neterer, Jr.		Nov. 1982	
10. DATA EXAMINED IN PHOTOGRAMMETRIC BRANCH BY				Robert Kelly		Mar. 1983	
11. MAP REGISTERED - COASTAL SURVEY SECTION BY				(Signed)		4 1983	

TP-00900
COMPILATION SOURCES

1. COMPILATION PHOTOGRAPHY

CAMERA(S) Wild R.C. 10 "Z" (Z = 153.14 mm)		TYPES OF PHOTOGRAPHY LEGEND (C) COLOR (P) PANCHROMATIC (I) INFRARED		TIME REFERENCE ZONE Eastern MERIDIAN 75th		<input checked="" type="checkbox"/> STANDARD <input type="checkbox"/> DAYLIGHT
TIDE STAGE REFERENCE See Remarks Below <input type="checkbox"/> PREDICTED TIDES <input type="checkbox"/> REFERENCE STATION RECORDS <input type="checkbox"/> TIDE CONTROLLED PHOTOGRAPHY						
NUMBER AND TYPE	DATE	TIME	SCALE	STAGE OF TIDE		
80 Z(P) 7020-7025	6/5/80	9:21	1:30,000	*NA		
80 Z(P) 7037-7038	6/5/80	9:42	1:30,000	*NA		

REMARKS *The lake level at the time of photography was 246.01 feet or 3.2 feet above International Great Lakes Datum. Water levels were taken at Rochester, New York, gage on June 5, 1980.

2. SOURCE OF MEAN HIGH-WATER LINE:

Mean High-Water Line is not applicable. The shoreline was delineated from the above listed photography where the water interfaces with the land.

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

Not applicable

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 * TP-00506 1:20,000 scale	EAST TP-01067	SOUTH TP-01066	WEST TP-00506 *1:20,000 scale
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REMARKS

*This map lies within the map TP-00506 as an inset.

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

TP-00900

HISTORY OF FIELD OPERATIONS

1. ☒ FIELD INSPECTION OPERATION (Premarking) ☐ FIELD EDIT OPERATION

OPERATION	NAME	DATE
1. CHIEF OF FIELD PARTY	R. S. Tibbetts.	July 1980
2. HORIZONTAL CONTROL	RECOVERED BY C. Middleton	July 1980
	ESTABLISHED BY C. Middleton	July 1980
	PRE-MARKED OR IDENTIFIED BY C. Middleton	July 1980
3. VERTICAL CONTROL	RECOVERED BY None	
	ESTABLISHED BY None	
	PRE-MARKED OR IDENTIFIED BY None	
4. LANDMARKS AND AIDS TO NAVIGATION	RECOVERED (Triangulation Stations) BY None	
	LOCATED (Field Methods) BY None	
	IDENTIFIED BY None	
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 None	
7. BOUNDARIES AND LIMITS	SURVEYED OR IDENTIFIED BY NA	

II. SOURCE DATA

1. HORIZONTAL CONTROL IDENTIFIED		2. VERTICAL CONTROL IDENTIFIED	
Photo identifiable sub pts.		None	
PHOTO NUMBER	STATION NAME	PHOTO NUMBER	STATION DESIGNATION
80Z(P)7038	Seneca 3, 1942 Sub Pts 10A, 10B, & 10C		

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 ☒ NONE

6. BOUNDARY AND LIMITS: ☐ REPORT ☒ NONE

7. SUPPLEMENTAL MAPS AND PLANS

8. OTHER FIELD RECORDS (Sketch books, etc. DO NOT list data submitted to the Geodesy Division)

1 Form 76-53

NOAA FORM 76-36D
(3-72)U. S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATIONTP-00900
RECORD OF SURVEY USE

I. MANUSCRIPT COPIES

COMPILATION STAGES			DATE MANUSCRIPT FORWARDED	
DATA COMPILED	DATE	REMARKS	MARINE CHARTS	HYDRO SUPPORT
Compilation complete	June 1982	Class III manuscript		
Final Review, Class III	July 1982	Final Class III map No field edit performed	Mar. 1983	

II. LANDMARKS AND AIDS TO NAVIGATION

1. REPORTS TO MARINE CHART DIVISION, NAUTICAL DATA BRANCH

PAGES NUMBER	CHART LETTER NUMBER ASSIGNED	DATE FORWARDED	REMARKS
2		March 1983	Landmarks for charting
1		March 1983	Aids for charting

2. ☐ REPORT TO MARINE CHART DIVISION, COAST PILOT BRANCH. DATE FORWARDED: _____3. ☐ REPORT TO AERONAUTICAL CHART DIVISION, AERONAUTICAL DATA SECTION. DATE FORWARDED: _____

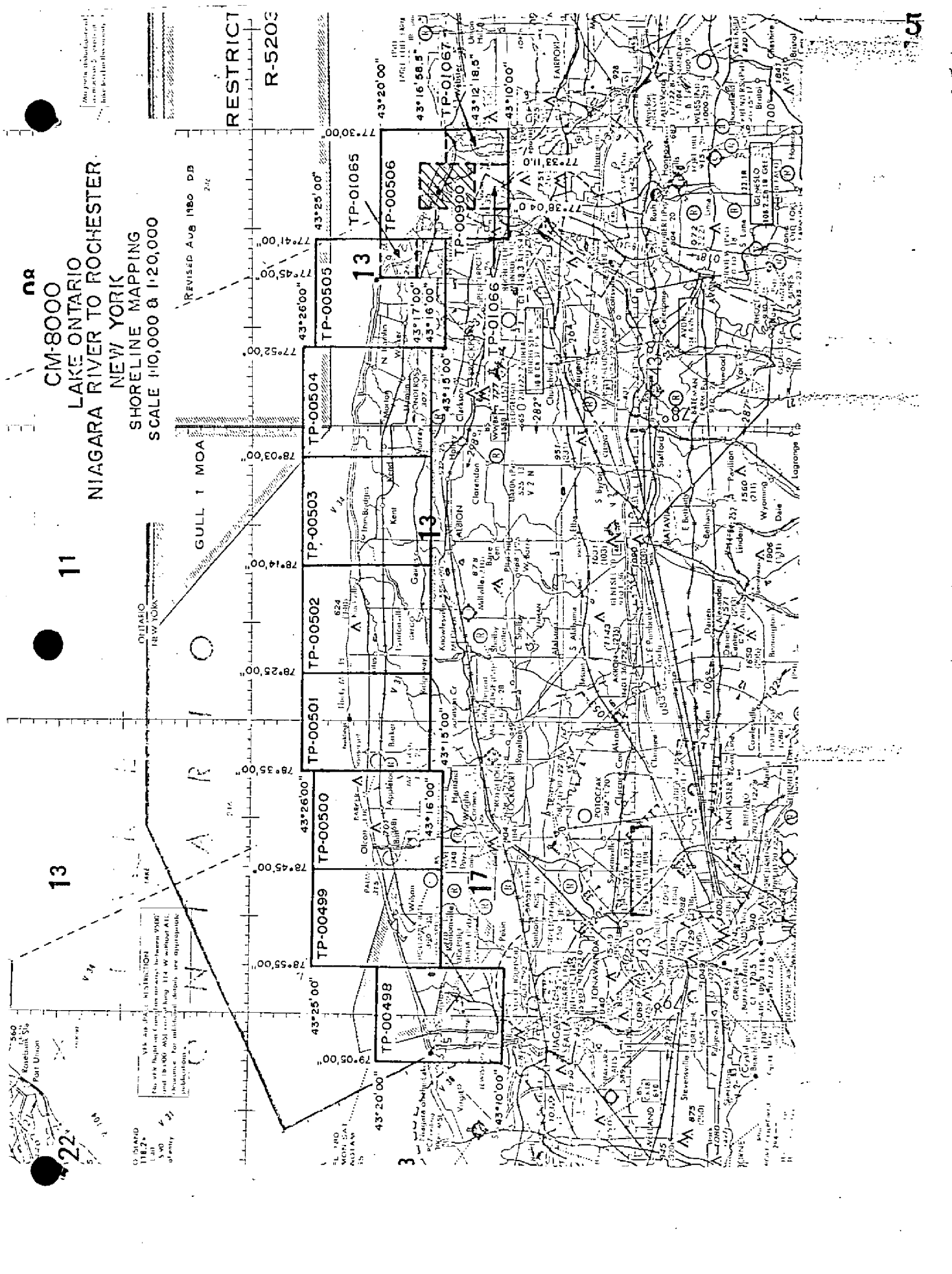
III. FEDERAL RECORDS CENTER DATA

1. ☐ BRIDGING PHOTOGRAPHS; ☒ DUPLICATE BRIDGING REPORT; ☒ COMPUTER READOUTS.
2. ☒ CONTROL STATION IDENTIFICATION CARDS; ☐ FORM NOS. 76-405 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: APRIL 1983

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 76-36D



CM-8000
LAKE ONTARIO
NIAGARA RIVER TO ROCHESTER
NEW YORK
SHORELINE MAPPING
SCALE 1:10,000 & 1:20,000

11

13

22

NOTES:
1. This map is a reproduction of the original map.
2. The original map is the property of the U.S. Army Corps of Engineers.
3. The original map is the property of the U.S. Army Corps of Engineers.
4. The original map is the property of the U.S. Army Corps of Engineers.

GULL 1 MOA

RESTRICT
R-5203

REVISED AUG 1980 DB

SUMMARY TO ACCOMPANY
DESCRIPTIVE REPORT

TP-00900

This 1:10,000 scale shoreline map is one of four maps in Part II of three parts of project CM-8000, Lake Ontario, Niagara River to Rochester, New York. The project has a total of thirteen maps.

This project encompasses the southern lake shore from Niagara River longitude 79°05'00" east to Rochester longitude 77°30'00".

Correspondence from the Chief, Photogrammetry Division dated May 13, 1982, calls all thirteen maps to be registered as Class III maps.

Field work prior to compilation was accomplished in May 1980. It consisted of the identification of horizontal control by premarking methods to meet aerotriangulation requirements.

Photographic coverage was provided in June 1980 for aerotriangulation using panchromatic film with the "Z" camera at 1:30,000 scale. The same photography was used for compilation.

Analytic aerotriangulation was performed at the Washington Science Center in November 1980.

Compilation was performed at the Atlantic Marine Center from office interpretation of the 1980 photography in July 1981.

Final review was performed at the Atlantic Marine Center in June 1982. Cancellation of field edit requires this map to be registered as a Final Class III map.

This descriptive report contains all pertinent information used to compile this Final Class III Map.

The original base map and all pertinent data were forwarded to the Washington Science Center for final registration.

5 157 2344 7

FIELD REPORT

JOB CM-8000

1. GENERAL

This report covers the premarking and photoidentification of horizontal control points as prescribed by project instructions. Panel array no. 1 was used on all stations on which a panel could be used, however, several deviations to this array were made and are so indicated on applicable NOAA Forms 76-53, Control Station Identification Card.

Recovery of horizontal control stations was limited to those needed to meet aerotriangulation requirements. Recovery notes are included for each station for which a search was made.

2. HORIZONTAL CONTROL

The following control stations were premarked or are to be photoidentified on the photographs.

Control Point No. 1 FORT NIAGARA (LSC) 1972. Station is paneled direct with array no. 1 with no wings. Sub points 1A, 1B, 1C were established for photoidentification in the event that the panel is not visible. It should be noted that the plane coordinates of the station and sub points are from a provisional constrained adjustment and are not final P.C.'s.

-2-

Control Point No. 2 RANSOMVILLE, BELL AIRCRAFT TEST CENTER
TANK 1958. Sub point 2A paneled direct with array no. 1.

Control Point No. 3 (E.T.) GASS 1972. Sub point 3A
paneled with a 2 winged deviation of array no. 1.

Control Point No. 4 ST. MARY 1972. Station paneled direct
with array no. 1 with no wings.

Control Point No. 5 THIRTY 1972. Sub point 5A paneled with
array no. 1.

Control Point No. 6 BRIGHTON (LSC) 1972. Sub point 6A
paneled with array no. 1. Note that P.C.'s for this station
are from a provisional constrained adjustment and are not
final P.C.'s.

Control Point No. 6 extra LAKESIDE (LSC) 1972. Station
paneled direct with array no. 1 with 2 wings. P.C.'s for
this station are from a provisional constrained adjustment
and are not final P.C.'s.

Control Point No. 7 HAMLIN 1939/1969. Reference mark no. 3
is paneled with a variation of array no. 1 as noted on
appropriate NCAA Form 76-53.

-3-

Control Point No. 8 PAYNE 2 1969. Station paneled direct with array no.1.

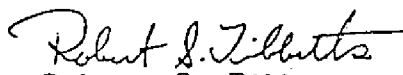
Control Point No. 9 GREECE 1939. Station paneled direct with array no. 1 with 2 wings.

Control Point No. 10 SENECA 2 1925 / SENECA 3 1942 / SENECA 3 RM 3 1942-1969. Sub points 10A, 10B, and 10C were established for photoidentification, no panel.

Control Point No. 11 MILE 1939. Station is paneled direct with a deviation of array no. 1 as is indicated on NOAA Form 76-53.

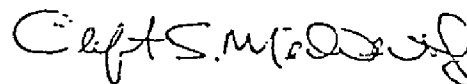
Control Point No.12 Sweet 1939. Station is paneled direct with a variation of array no. 1 as is noted on NOAA Form 76-53.

APPROVED AND FORWARDED


Robert S. Tibbetts

Chief, Photo Party 62

SUBMITTED 7/9/80


Clifton S. Middleton Jr.
Surveying Technician

Photogrammetric Plot Report
Lake Ontario, New York
CM-8000
November 1980

21. Area Covered

The area covered by this report extends from Lake Ontario at Fort Niagara to Rochester, New York. The project area is covered by nine 1:20,000 scale sheets and four 1:10,000 scale sheets; TP-00498 to TP-00506 (1:20,000), TP-01065 to TP-01067 and TP-00900 (1:10,000).

22. Method

Four strips of 1:50,000 scale photography were bridged by analytic aerotriangulation methods. The strips of bridging photography were controlled by field identified control. Tie points were used to ensure an adequate junction of strips. Points for compilation were established on the 1:30,000 scale photography for the 1:10,000 scale sheets. The bridging photography will be used for the 1:20,000 scale sheets. Ratios of the compilation photography were determined and the ratios were ordered by this office.

The manuscripts were plotted by the Calcomp 718 plotter.

23. Adequacy of Control

Control checked well within map accuracy standards and is sufficient for its intended use.

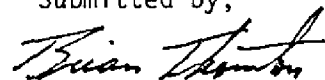
24. Supplemental Data

USGS quadrangles were used to provide vertical control for the adjustment.

25. Photography

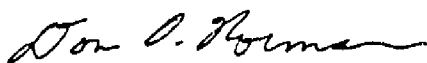
The coverage, overlap, and quality of the photography was adequate for the job.

Submitted by,



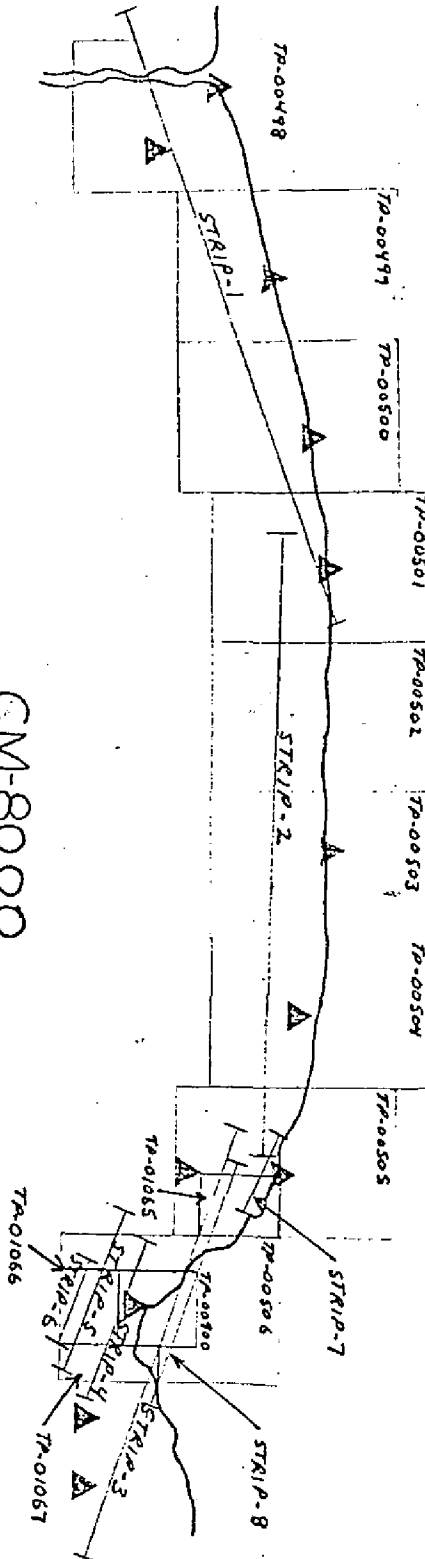
Brian Thornton

Approved and Forwarded:



Don O. Norman
Chief, Aerotriangulation Section

CM-8000
LAKE ONTARIO
NIAGARA RIVER TO ROCHESTER
NEW YORK



DESCRIPTIVE REPORT CONTROL RECORD

MAP NO.	JOB NO.	STATION NAME	SOURCE OF INFORMATION (Index)	AEROTRIANGULATION POINT NUMBER	GEODEIC DATUM		ORIGINATING ACTIVITY		REMARKS
					NA 1927	Coastal Mapping Division Norfolk, VA			
					STATE	ZONE	COORDINATES IN FEET	GEOGRAPHIC POSITION	
								ϕ LATITUDE λ LONGITUDE	
TP-00900	CM-8000								
		ROCHESTER, CHARLOTTE H.S. STACK, 1942	Quad 430773 Sta. 2443	35			X=	ϕ 43 14 47.01350	
							Y=	λ 77 37 09.23981	
		SENECA 3, 1942	"				X=	ϕ 43 13 50.42898	
			Sta. 2475	992100			Y=	λ 77 35 59.62309	
		ROCHESTER, DAKE SCHOOL BELL TOWER, 1942	"				X=	ϕ 43 13 04.38981	
			Sta. 2445	37			Y=	λ 77 35 52.78389	
							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									DATE
LISTED BY									DATE
		P. L. Evans							April 29, 1982
HAND PLOTTING BY									DATE

SUPERSEDES NOAA FORM 76-41, 2-71 EDITION WHICH IS OBSOLETE.

COMPILATION REPORT
TP-00900

31. DELINEATION

All delineation was by office interpretation of the 1980 panchromatic photographs using the Wild B-8 stereoplotting instrument. Refer to form 76-36B for a list of the photographs. Photography was adequate.

32. CONTROL

The horizontal control was adequate. Refer to the Photogrammetric Plot Report, dated November 1980.

33. SUPPLEMENTAL DATA

None

34. CONTOURS AND DRAINAGE

Contours are not applicable to this project. See Item #31 for drainage.

35. SHORELINE AND ALONGSHORE DETAILS

The compilation of the shoreline on the stereo-instrument was checked using ratio copies of the compilation photographs. No significant problems were noted.

36. OFFSHORE DETAILS

No unusual problems were encountered.

37. LANDMARKS AND AIDS

Appropriate forms were submitted to the Rockville office.

38. CONTROL FOR FUTURE SURVEYS

None

39. JUNCTIONS

Refer to the Data Record Form 76-36B, Item 5 of the descriptive report.

TP-00900

40. HORIZONTAL AND VERTICAL ACCURACY

See Item #32

46. COMPARISON WITH EXISTING MAPS

A comparison was made with the following U.S. Geological Survey
Quadrangles:

Braddock Heights, New York, photorevised 1978, scale 1:24,000
Rochester East, New York, photorevised 1978, scale 1:24,000
Rochester West, New York, photorevised 1978, scale 1:24,000

47. COMPARISON WITH NAUTICAL CHARTS

A comparison was made with the following National Ocean Survey
Charts:

14804, 1:80,000, May 23, 1981, 21st edition
14815, 1:10,000, January 14, 1978, 19th edition

ITEMS TO BE APPLIED TO NAUTICAL CHARTS IMMEDIATELY

None

ITEMS TO BE CARRIED FORWARD

None

Submitted by,

Carl Klein

Carl Klein
Cartographic Aid

April 29, 1982

Approved:

James L. Byrd, Jr.

James L. Byrd, Jr.
Chief, Coastal Mapping Section

REVIEW REPORT
SHORELINE
TP-00900

61. GENERAL STATEMENT

See Summary included with this report.

62. COMPARISON WITH REGISTERED TOPOGRAPHIC SURVEYS

Not applicable

63. COMPARISON WITH MAPS OF OTHER AGENCIES

A comparison was made with U.S.G.S. Quadrangles: Braddock Heights, New York, Rochester East and Rochester West, New York. All three are 1:24,000 scale, and dated 1971, photorevised 1978.

64. COMPARISON WITH CONTEMPORARY HYDROGRAPHIC SURVEYS

No contemporary hydrographic survey was conducted in the area pertaining to this final Class III map.

65. COMPARISON WITH NAUTICAL CHARTS

A comparison was made with N.O.S. Charts: 14815, scale 1:10,000 dated January 14, 1978, 19th edition and 14804, scale 1:80,000, dated May 23, 1981, 21st edition.

66. ADEQUACY OF RESULTS AND FUTURE SURVEYS

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

Submitted by
Lowell O. Neterer, Jr.
Lowell O. Neterer, Jr.
Final Reviewer

Approved for forwarding,

Billy H. Barnes
Billy H. Barnes
Chief, Photogrammetric Branch, AMC

Approved:

James D. Bae
Chief, Photogrammetric Branch, Rockville

John D. Perraw Jr.
for Chief, Photogrammetry Division

August 4, 1982

GEOGRAPHIC NAMES

FINAL NAME SHEET

CM-8000 (Lake Ontario-Niagara River to Rochester)

TP-00900

Charlotte

Conrail (RR)

Durand Lake

Eastman Lake

Genesee Dock

Genesee River

Lake Ontario

Little Pond

Ontario Beach (Ppl)

Rattlesnake Point

Rigney Bluff (Ppl)

Rochester

Rock Beach (Ppl)

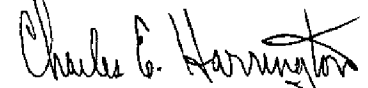
Slater Creek

Summerville

White City

Windsor Beach (Ppl)

Approved by:



Charles E. Harrington
Chief Geographer, C3x5

CM-8000

Lake Ontario

Niagara River to Rochester, New York

MATERIAL ON FILE

NATIONAL ARCHIVES/FEDERAL RECORD CENTER

BROWN JACKET

Field Notebook of Photo I.D. Control

Ratio Photographs

PROJECT COMPLETION REPORT

BUREAU ARCHIVES

Registered Copy of Each Map

Descriptive Report of Each Map

REPRODUCTION DIVISION

8x Reduction Negative of Each Map

OFFICE OF STAFF GEOGRAPHER

Geographer Names Standard

[illegible]

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 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.	

NOAA FORM 76-40
(8-74)

Replaces C&GS Form 567.

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
LANDMARKS FOR CHARTS

<input checked="" type="checkbox"/> TO BE CHARTED <input type="checkbox"/> TO BE REVISED <input type="checkbox"/> TO BE DELETED		REPORTING UNIT (Field Party, Ship or Office) Coastal Mapping Div. AMC, Norfolk, VA	STATE New York	LOCALITY Lake Ontario Niagara River to Rochester	DATE April 29, 1982	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)		
The following objects HAVE <input type="checkbox"/> HAVE NOT <input checked="" type="checkbox"/> been inspected from seaward to determine their value as landmarks. OPR PROJECT NO.		JOB NUMBER CM-8000		DATUM NA 1927		METHOD AND DATE OF LOCATION (See instructions on reverse side)		CHARTS AFFECTED
SURVEY NUMBER TP-00900		POSITION LATITUDE LONGITUDE D.M. Meters D.P. Meters		OFFICE FIELD				
CHARTING NAME	DESCRIPTION (Record reason for deletion of landmark or aid to navigation. Show triangulation station names, where applicable, in parentheses.)		LATITUDE ° / ' / " D.M. Meters		LONGITUDE ° / ' / " D.P. Meters			
STACK	North of two		43 16	08.43	77 37	51.62	80 Z(P) 7024 6/5/80	14804 14815
STACK	South of two		43 16	07.32	77 37	51.71 1166	80 Z(P) 7024 6/5/80	"
TANK			43 16	06.09	77 37	37.87 854	80Z(P) 7024 6/5/80	14815
TOWER	N.E. of two		43 15	28.42	77 36	18.26 412	80 Z(P) 7024 6/5/80	14804 14815
TOWER	S.W. of two		43 15	26.80	77 36	19.68 444	80 Z(P) 7024 6/5/80	"
RADIO MAST	R Bn 306		43 15	24.50	77 36	11.44 258	80 Z(P) 7024 6/5/80	"
FLAGPOLE			43 15	23.46	77 36	12.50 282	80Z(P) 7024 6/5/80	14815
RADIO MAST			43 15	23.01	77 36	11.22 253	80 Z(P) 7024 6/5/80	"
RADIO MAST			43 15	05.67	77 36	32.23 727	80 Z(P) 7024 6/5/80	"
TANK	Near sewage treatment plant		43 14	03.73	77 34	36.08 814	80 Z(P) 7022 6/5/80	14804 14815

RESPONSIBLE PERSONNEL	
TYPE OF ACTION	NAME
OBJECTS INSPECTED FROM SEAWARD	
POSITIONS DETERMINED AND/OR VERIFIED	Carl Klein
FORMS ORIGINATED BY QUALITY CONTROL AND REVIEW GROUP AND FINAL REVIEW ACTIVITIES	<input type="checkbox"/> PHOTO FIELD PARTY <input type="checkbox"/> HYDROGRAPHIC PARTY <input type="checkbox"/> GEODETIC PARTY <input type="checkbox"/> OTHER (Specify)
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 1. 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 A. Field positions* require entry of method of location and date of field work. EXAMPLE: F-2-6-L 8-12-75	11. 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. 8-12-75 111. 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.	

NOAA FORM 76-40 (8-74) Replaces C&GS Form 567.										U.S. DEPARTMENT OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION										ORIGINATING ACTIVITY																																							
LANDMARKS FOR CHARTS										DATE										HYDROGRAPHIC PARTY																																							
REPORTING UNIT (If field party, ship or office)										LOCALITY										DATE										GEODETTIC PARTY																													
COASTAL MAPPING DIV.										Lake Ontario										April 29,										PHOTO FIELD PARTY																													
AMC, Norfolk, VA										Niagara River to Rochester										1982										XX COMPILATION ACTIVITY																													
The following objects HAVE <input type="checkbox"/> BEEN INSPECTED FROM SEAWARD TO DETERMINE THEIR VALUE AS LANDMARKS.										New York																				FINAL REVIEWER																													
JOB NUMBER										SURVEY NUMBER										DUTY										QUALITY CONTROL & REVIEW GRP.																													
CM-8000										TP-00900										NA 1927										COAST PILOT BRANCH																													
CHARTING NAME										DESCRIPTION										LATITUDE										LONGITUDE										METHOD AND DATE OF LOCATION (See instructions on reverse side)										CHARTS AFFECTED									
STACK										(Rochester, Charlotte H.S. Stack, 1942)										43 14										77 37										80 Z(P) 7023 6/5/80										14804 14815									
STACK										Easterly stack										43 12										77 37										80 Z(P) 7038 6/5/80										"									
STACK										Easterly of two										43 14										77 34										80 Z(P) 7022 6/5/80										"									
STACK										Westerly of two										43 14										77 34										80 Z(P) 7022 6/5/80										"									
TOWER										Easterly of two										43 13										77 36										80 Z(P) 7023 6/5/80										14815									
TOWER										Westerly of two										43 13										77 37										80 Z(P) 7023 6/5/80										"									
TOWER										Westerly of three										43 15										77 36										80 Z(P) 7024 6/5/80										"									
TOWER										Center of three										43 15										77 36										80 Z(P) 7024 6/5/80										"									
TOWER										Easterly of three										43 15										77 36										80 Z(P) 7024 6/5/80										"									

RESPONSIBLE PERSONNEL	
TYPE OF ACTION	NAME
OBJECTS INSPECTED FROM SEAWARD	
POSITIONS DETERMINED AND/OR VERIFIED	C. Klein
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.)	
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 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-2-6-1 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
**FIELD POSITIONS are determined by field observations based entirely upon ground survey methods. **PHOTOGRAMMETRIC FIELD POSITIONS are dependent entirely, or in part, upon control established by photogrammetric methods.	

