

TP 00502

TP-00502

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 EDITION WILL NOT BE FIELD EDITED	
Map No. TP-00502	Edition No. 1
Job No. CM-8000	
Map Classification Class III Final	
Type of Survey Shoreline	
<h3 style="text-align: center;">LOCALITY</h3>	
State New York	
General Locality Lake Ontario	
Niagara River to Rochester	
Locality Lakeside Park	
<div style="border: 1px solid black; padding: 5px; text-align: center;"> 19 80 TO 19 </div>	
<h3 style="text-align: center;">REGISTRY IN ARCHIVES</h3>	
DATE	

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. 00502 MAP EDITION NO. (1) MAP CLASS III FINAL JOB PH CM-8000	
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 Atlantic Marine Center, Norfolk, VA Coastal Mapping Division				JOB PH- MAP CLASS SURVEY DATES: 19__ TO 19__			
OFFICER-IN-CHARGE Max Ethridge, LCDR							
I. INSTRUCTIONS DATED							
1. OFFICE Aerotriangulation August 1, 1980 Amendment August 18, 1980 Compilation September 30, 1981 Memo (Registration of Part I) Dec. 9, 1981 Memo (Re: Post Compilation) Dec. 14, 1981				2. FIELD 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 Transverse Mercator				4. GRID(S) STATE New York ZONE West			
5. SCALE 1:20,000				STATE ZONE			
III. HISTORY OF OFFICE OPERATIONS							
OPERATIONS				NAME		DATE	
1. AEROTRIANGULATION BY METHOD: Analytic LANDMARKS AND AIDS BY				B. Thornton		Aug. 1980	
				B. Thornton		Aug. 1980	
2. CONTROL AND BRIDGE POINTS PLOTTED BY METHOD: Coradomat/Calcomp 718 CHECKED BY				B. Thornton		Oct. 1980	
				B. Thornton			
3. STEREOSCOPIC INSTRUMENT PLANIMETRY BY COMPILATION CHECKED BY				R. Kravitz		July 1981	
INSTRUMENT: Wild B-8 SCALE: 1:20,000				F. Mauldin		July 1981	
				NA			
				NA			
4. MANUSCRIPT DELINEATION PLANIMETRY BY CHECKED BY				I. Perkinson		Aug. 1981	
METHOD: Smooth drafted SCALE: 1:20,000				F. Mauldin		Jan. 1982	
				NA			
				NA			
HYDRO SUPPORT DATA BY CHECKED BY				I. Perkinson		Aug. 1981	
				F. Mauldin		Jan. 1982	
5. OFFICE INSPECTION PRIOR TO FIELD EDIT BY				F. Mauldin		Jan. 1982	
				None			
6. APPLICATION OF FIELD EDIT DATA CHECKED BY				None			
7. COMPILATION SECTION REVIEW Class III BY				F. Mauldin		Jan. 1982	
8. FINAL REVIEW Class III BY				L. O. Neterer, Jr.		Feb. 1982	
9. DATA FORWARDED TO PHOTOGRAMMETRIC BRANCH BY				L. O. Neterer, Jr.		Mar. 1982	
10. DATA EXAMINED IN PHOTOGRAMMETRIC BRANCH BY				Robert Kelly (Signed)		May 1983	
11. MAP REGISTERED - COASTAL SURVEY SECTION BY				Howard D. Wolfe		1983	

NOAA FORM 76-36B
(3-72)U. S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL OCEAN SURVEYTP-00502
COMPILATION SOURCES

1. COMPILATION PHOTOGRAPHY

CAMERA(S) Wild R. C. 10 Z (Z = 153.14 mm)		TYPES OF PHOTOGRAPHY LEGEND		TIME REFERENCE	
TIDE STAGE REFERENCE See Remarks Below		(C) COLOR (P) PANCHROMATIC X (I) INFRARED		ZONE Eastern	<input checked="" type="checkbox"/> STANDARD
<input type="checkbox"/> PREDICTED TIDES <input type="checkbox"/> REFERENCE STATION RECORDS <input type="checkbox"/> TIDE CONTROLLED PHOTOGRAPHY				MERIDIAN 75th	<input type="checkbox"/> DAYLIGHT
NUMBER AND TYPE	DATE	TIME	SCALE	STAGE OF TIDE	
80 Z(P) 6958 - 6961	June 5, 1981	10:44	1:50,000	*NA	

REMARKS *The lake level at the time of photography was 246.05 feet or 3.2 feet above International Great Lakes Datum. Water levels were taken at Olcott, 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	EAST	SOUTH	WEST
No Survey	TP-00503	No Survey	TP-00501

REMARKS

TP-00502
HISTORY OF FIELD OPERATIONSI. ☒ FIELD INSPECTION OPERATION (Premarking) ☐ FIELD EDIT OPERATION.

OPERATION	NAME	DATE
1. CHIEF OF FIELD PARTY	R. 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

None

PHOTO NUMBER	STATION NAME	PHOTO NUMBER	STATION DESIGNATION
80Z(P) 6958	Lakeside LSC, 1972		

3. PHOTO NUMBERS (Clarification of details)

4. LANDMARKS AND AIDS TO NAVIGATION IDENTIFIED

PHOTO NUMBER	OBJECT NAME	PHOTO NUMBER	OBJECT NAME

5. GEOGRAPHIC NAMES: ☐ REPORT ☒ NONE6. 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

RECORD OF SURVEY USE

TP-00502

I. MANUSCRIPT COPIES

COMPILATION STAGES			DATE MANUSCRIPT FORWARDED	
DATA COMPILED	DATE	REMARKS	MARINE CHARTS	HYDRO SUPPORT
Compilation complete	Aug. 1981	Class III		
Final Review, Class III	Feb. 1982	Final Class III map No field edit performed	Mar. 1983	April 1982

II. LANDMARKS AND AIDS TO NAVIGATION

1. REPORTS TO MARINE CHART DIVISION, NAUTICAL DATA BRANCH

NUMBER Pages	CHART LETTER NUMBER ASSIGNED	DATE FORWARDED	REMARKS
1		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 ⁷⁶⁻⁴⁰~~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: 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	

SUMMARY TO ACCOMPANY
DESCRIPTIVE REPORT

TP-00502

This 1:20,000 scale shoreline manuscript is one of five maps in Part I 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 December 9, 1981, called for the cancellation of field edit on Part I, TP-00500 through TP-00504 and the registration of these as Class III maps.

Field work prior to compilation, accomplished in May 1980, involved the identification of horizontal control by premarking methods to meet aerotriangulation requirements. Photogrammetric coverage was provided in June 1980 for aerotriangulation using panchromatic film with the Z camera at 1:50,000 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 August 1981. No copies of this Class III map were submitted to the field.

Final review was performed at the Atlantic Marine Center in February 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 manuscript and all pertinent data was forwarded to the Washington Science Center for final registration.

FIELD REPORTJOB CM-80001. 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.) CASS 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 NOAA Form 76-53.

-3-

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

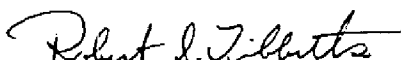
Control Point No. 9 GREECE 1939. Station paneled direct with array no. 1 with 2 wings.

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.

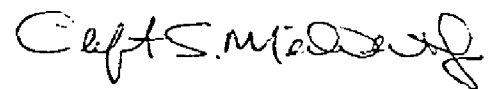
Control Point No.12 Sweet 1939. Station is paneled direct with a variation of array no. 1 as is noted on NOAA Form 76-53.

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-10167 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.

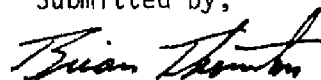
24. Supplemental Data

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,

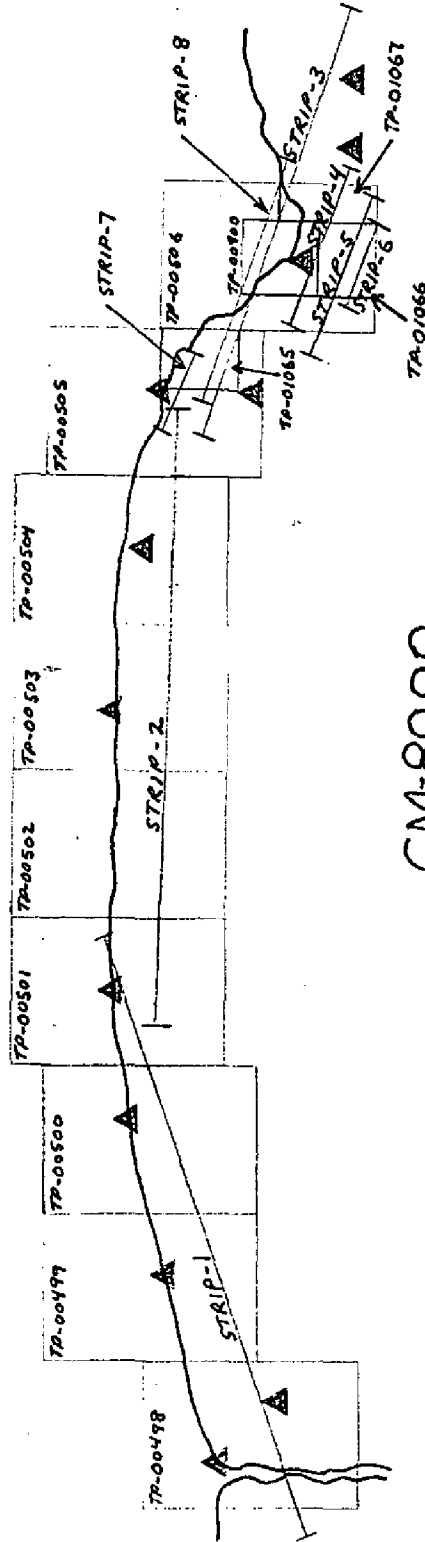


Brian Thornton

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.	GEODETTIC DATUM		AEROTRI- ANGULATION POINT NUMBER	COORDINATES IN FEET		GEOGRAPHIC POSITION		REMARKS	
		TP-00502	CM-8000		NA 1927	STATE	ZONE	NEW YORK		WEST
Mank USGS, 1972	Quad 430782 1012			24	X=			ϕ 43°22'14.733"		
					Y=			λ 78°23'22.030"		
Lakeside ISC, 1972	Unadjusted Field Data			958100	X=	587,801.49		ϕ 43°22'17.905"		
					Y=	1,228,681.53		λ 78°15'11.241"		
					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		
					X=			ϕ		
					Y=			λ		
					X=			ϕ		
					Y=			λ		
COMPUTED BY				DATE	COMPUTATION CHECKED BY				DATE	
LISTED BY	R. Kravitz			DATE	LISTING CHECKED BY				DATE	
HAND PLOTTING BY				DATE	HAND PLOTTING CHECKED BY				DATE	

COMPILATION REPORT

TP-00502

31. DELINEATION

This map was compiled using the Wild B-8 stereoplotter. Delineation of features is based on an office interpretation of the 1:50,000 scale panchromatic photographs taken in 1980.

32. CONTROL

The identification, density, and placement of horizontal and vertical control was adequate. Refer to the Photogrammetric Plot Report bound with this Descriptive Report.

33. SUPPLEMENTAL DATA

None

34. CONTOURS AND DRAINAGE

Contours are not applicable. Drainage features were compiled by office interpretation of the photographs.

35. SHORELINE AND ALONGSHORE DETAILS

The shoreline and alongshore features were compiled by office interpretation of the photographs. The shoreline datum is the lake level at the time of photography.

There was no preliminary field inspection of the shoreline.

36. OFFSHORE DETAIL

No unusual problems were encountered in compiling details offshore.

37. LANDMARKS AND AIDS

Refer to the 76-40 form(s) bound with this Descriptive Report for those charted navigational aids identifiable on the compilation photographs.

38. CONTROL FOR FUTURE SURVEYS

None

39. JUNCTIONS

Refer to the Data Record Form 76-36B, Item 5 bound with this Descriptive Report concerning junctions.

TP-00502

40. HORIZONTAL AND VERTICAL ACCURACY

See Item #32.

46. COMPARISON WITH EXISTING MAPS

A comparison was made with U.S. Geological ^{Survey} Quadrangles: Ashwood, New York, dated 1952, scale 1:24,000; Kent, New York, dated 1952, photo-revised 1978, scale 1:24,000; and Lyndonville, New York, dated 1979, scale 1:25,000.

47. COMPARISON WITH NAUTICAL CHARTS

A comparison was made with National Ocean Survey Chart: 14805, scale 1:80,000 20th edition, dated March 14, 1981.

ITEMS TO BE APPLIED TO NAUTICAL CHARTS IMMEDIATELY

None

ITEMS TO BE CARRIED FORWARD

None

Submitted by,

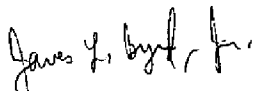


Irene Perkinson

Cartographer

Date: August 25, 1981

Approved,



James L. Byrd, Jr.

Chief, Coastal Mapping Section

January 27, 1982

GEOGRAPHIC NAMES

FINAL NAME SHEET

CM 8000 (Lake Ontario, Niagara River to Rochester, N.Y.)

TP-00502

Johnson Creek

New York

Kuckville

Oak Orchard Creek

Lake Ontario

Shadigee

Lakeside Beach State Park

Sunset Beach (locality)

Lakeside Park (locality)

The Marsh

Marsh Creek

Syren Creek *SAH*

Approved by:

Charles E. Harrington

Charles E. Harrington, OA/C3x5
Chief Geographer

TP-00502

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. Geological ^{Survey} 10 Quadrangles:
Ashwood, New York, dated 1952, scale 1:24,000,
Kent, New York, dated 1952, photorevised 1978, scale 1:24,000
and Lyndonville, New York, dated 1979, scale 1:25,000.

64. COMPARISON WITH CONTEMPORARY HYDROGRAPHIC SURVEYS

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

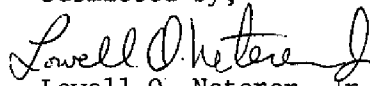
65. COMPARISON WITH NAUTICAL CHARTS

A comparison was made with N.O.S. chart 14806, 20th edition, 1:80,000 scale, dated July 11, 1981.

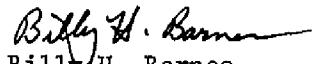
66. ADEQUACY OF RESULTS AND FUTURE SURVEYS

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

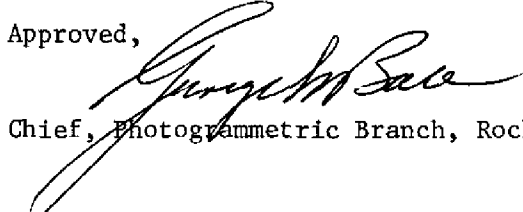
Submitted by,

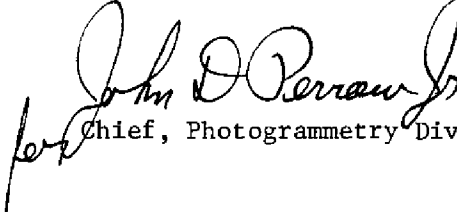

Lowell O. Neterer, Jr.
Final Reviewer

Approved for forwarding,


Billy H. Barnes
Chief, Photogrammetric Branch, A.M.C.

Approved,


Chief, Photogrammetric Branch, Rockville


for Chief, Photogrammetry Division

NOAA FORM 76-40
(8-74)

Replaces C&GS Form 567.

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
PORT-ENGINEERING-SECTION 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 Division A.M.C. Norfolk, VA	STATE New York	LOCALITY Lake Ontario Niagara River to Rochester	DATE June 26, 81	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)
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The following objects HAVE ☐ 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
		JOB NUMBER	SURVEY NUMBER	LATITUDE		LONGITUDE		OFFICE	FIELD	
				° /	'	° /	'			
Silo	961402	CN-8000	TP-00502	43 22	27.1 835	78 23	22.7 511	80Z(P)6961 5 June 1980		14805
R Mast				43 21		78 20		Not Vis		"
Silo	(Tallest of two)			43 21	58.9 1818	78 18	26.2 591	80Z(P)6959 5 June 1980		"
Silo	(Most northerly of three silos) 958401			43 21	59.5 1836	78 17	38.4 864	80Z(P)6959 5 June 1980		"
Silo	961401			43 22	19.6 606	78 24	36.2 816	80 Z(P)6961 5 June 1980		
	Scaling Comput. I. Perkinson August 13, 1981 C. Blood August 13, 1981									

RESPONSIBLE PERSONNEL	
TYPE OF ACTION	NAME
OBJECTS INSPECTED FROM SEAWARD	
POSITIONS DETERMINED AND/OR VERIFIED	I. Perkinson
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-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 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) 8. 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
**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.	

