

TP-01228

TP-01228

NOAA FORM 76-35
(6-80)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-01228

Edition No.

1

Job No.

CM-8302

Map Classification

CLASS III (FINAL)

Type of Survey

SHORELINE

LOCALITY

State

NEW YORK

General Locality

LAKE ONTARIO

Locality

SANDY CREEK

19 84 TO 19

REGISTERED IN ARCHIVES

DATE

NOAA FORM 76-36A (3-72)		U. S. DEPARTMENT OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMIN.		TYPE OF SURVEY		SURVEY TP. <u>01228</u>	
DESCRIPTIVE REPORT - DATA RECORD				<input checked="" type="checkbox"/> ORIGINAL		MAP EDITION NO. <u>(1)</u>	
				<input type="checkbox"/> RESURVEY		MAP CLASS <u>III (Final)</u>	
				<input type="checkbox"/> REVISED		JOB <u>811-CM-8302</u>	
PHOTOGRAMMETRIC OFFICE Coastal Mapping Unit Atlantic Marine Center, Norfolk, VA				LAST PRECEDING MAP EDITION			
OFFICER-IN-CHARGE A. Y. Bryson, CDR				TYPE OF SURVEY		JOB PH. _____	
				<input type="checkbox"/> ORIGINAL		MAP CLASS _____	
				<input type="checkbox"/> RESURVEY		SURVEY DATES:	
				<input type="checkbox"/> REVISED		19__ TO 19__	
I. INSTRUCTIONS DATED							
1. OFFICE				2. FIELD			
Aerotriangulation October 18, 1984				Control March 7, 1984			
Compilation May 29, 1985							
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)			
3. MAP PROJECTION Transverse Mercator Projection				4. GRID(S)			
				STATE New York		ZONE Central	
5. SCALE 1:20,000				STATE		ZONE	
III. HISTORY OF OFFICE OPERATIONS							
OPERATIONS				NAME		DATE	
1. AEROTRIANGULATION BY				S. Solbeck		Nov. 1984	
METHOD: <u>Analytic</u> LANDMARKS AND AIDS BY				S. Solbeck		Nov. 1984	
2. CONTROL AND BRIDGE POINTS PLOTTED BY				S. Solbeck		Nov. 1984	
METHOD: <u>Calcomp 718</u> CHECKED BY				D. Norman		Nov. 1984	
3. STEREOSCOPIC INSTRUMENT PLANIMETRY BY				P. Evans		Aug. 1985	
COMPILATION CHECKED BY				F. Mauldin		Aug. 1985	
INSTRUMENT: <u>Wild B-8</u> CONTOURS BY				N.A.			
SCALE: <u>1:20,000</u> CHECKED BY				N.A.			
4. MANUSCRIPT DELINEATION PLANIMETRY BY				P. Evans		Aug. 1985	
CHECKED BY				F. Mauldin		Oct. 1985	
METHOD: <u>Smooth drafted</u> CONTOURS BY				N.A.			
CHECKED BY				N.A.			
SCALE: <u>1:20,000</u> HYDRO SUPPORT DATA BY				N.A.			
CHECKED BY				N.A.			
5. OFFICE INSPECTION PRIOR TO FINAL Final Review				F. Mauldin		Oct. 1985	
6. APPLICATION OF FIELD EDIT DATA BY				N.A.			
CHECKED BY				N.A.			
7. COMPILATION SECTION REVIEW <u>Class III</u> BY				F. Mauldin		Oct. 1985	
8. FINAL REVIEW <u>Class III(Final)</u> BY				J. Hancock		Nov. 1985	
9. DATA FORWARDED TO PHOTOGRAMMETRIC BRANCH BY				J. Hancock		Dec. 1985	
10. DATA EXAMINED IN PHOTOGRAMMETRIC BRANCH BY				P. Dempsey		Jan 1986	
11. MAP REGISTERED - COASTAL SURVEY SECTION BY				E. DAUBERTY		FEB 1986	

NOAA FORM 76-36B
(3-72)U. S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL OCEAN SURVEYTP-01228
COMPILATION SOURCES

1. COMPILATION PHOTOGRAPHY

CAMERA(S) Wild R.C. 10(Z) Z=153.15 mm		TYPES OF PHOTOGRAPHY LEGEND		TIME REFERENCE	
TIDE STAGE REFERENCE <input type="checkbox"/> PREDICTED TIDES <input checked="" type="checkbox"/> REFERENCE STATION RECORDS * <input type="checkbox"/> TIDE CONTROLLED PHOTOGRAPHY		(C) COLOR (P) PANCHROMATIC (I) INFRARED		ZONE Eastern MERIDIAN 75th <input checked="" type="checkbox"/> STANDARD <input type="checkbox"/> DAYLIGHT	
NUMBER AND TYPE	DATE	TIME	SCALE	* XXXXXX Lake	
84Z(P) 4371-4375	5-24-84	10:20	1:50,000	246.6 feet Level	

REMARKS

*Water level at the time of photography is indicated as recorded from the Cape Vincent, New York, gage. Low Water Datum for Lake Ontario is 242.8 feet.

2. SOURCE OF MEAN HIGH-WATER LINE:

The term Mean High Water Line is not applicable. The shoreline is defined as the visible line of contact on the photographs between land and water. Delineation of the shoreline was derived by photointerpretation of the above listed black-and-white compilation/bridging photographs.

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

This item is not applicable to the project.

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-01223	EAST	SOUTH TP-01229	WEST
TP-01226 } scale		TP-01230	
TP-01227 } 1:10,000	No Survey		No Survey

REMARKS

TP-01228

HISTORY OF FIELD OPERATIONS

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

OPERATION	NAME	DATE
1. CHIEF OF FIELD PARTY	P. Walbolt	July 1984
2. HORIZONTAL CONTROL	RECOVERED BY R. Daniels ESTABLISHED BY C. Middleton PRE-MARKED OR IDENTIFIED BY R. Daniel/C. Middleton	May 1984 May 1984 May 1984
3. VERTICAL CONTROL	RECOVERED BY N.A. ESTABLISHED BY N.A. PRE-MARKED OR IDENTIFIED BY N.A.	
4. LANDMARKS AND AIDS TO NAVIGATION	RECOVERED (Triangulation Stations) BY N.A. LOCATED (Field Methods) BY N.A. 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

Premarked (Paneled)

2. VERTICAL CONTROL IDENTIFIED

None

PHOTO NUMBER	STATION NAME	PHOTO NUMBER	STATION DESIGNATION
84Z(P)4374	EASTMAN, 1984 (Sub pt. paneled) Field position		
84Z(P)4372	RM2, COLWELL (USGS), 1893 (Sub pt. paneled)		

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 ☒ NONE6. BOUNDARY AND LIMITS: ☐ REPORT ☒ NONE

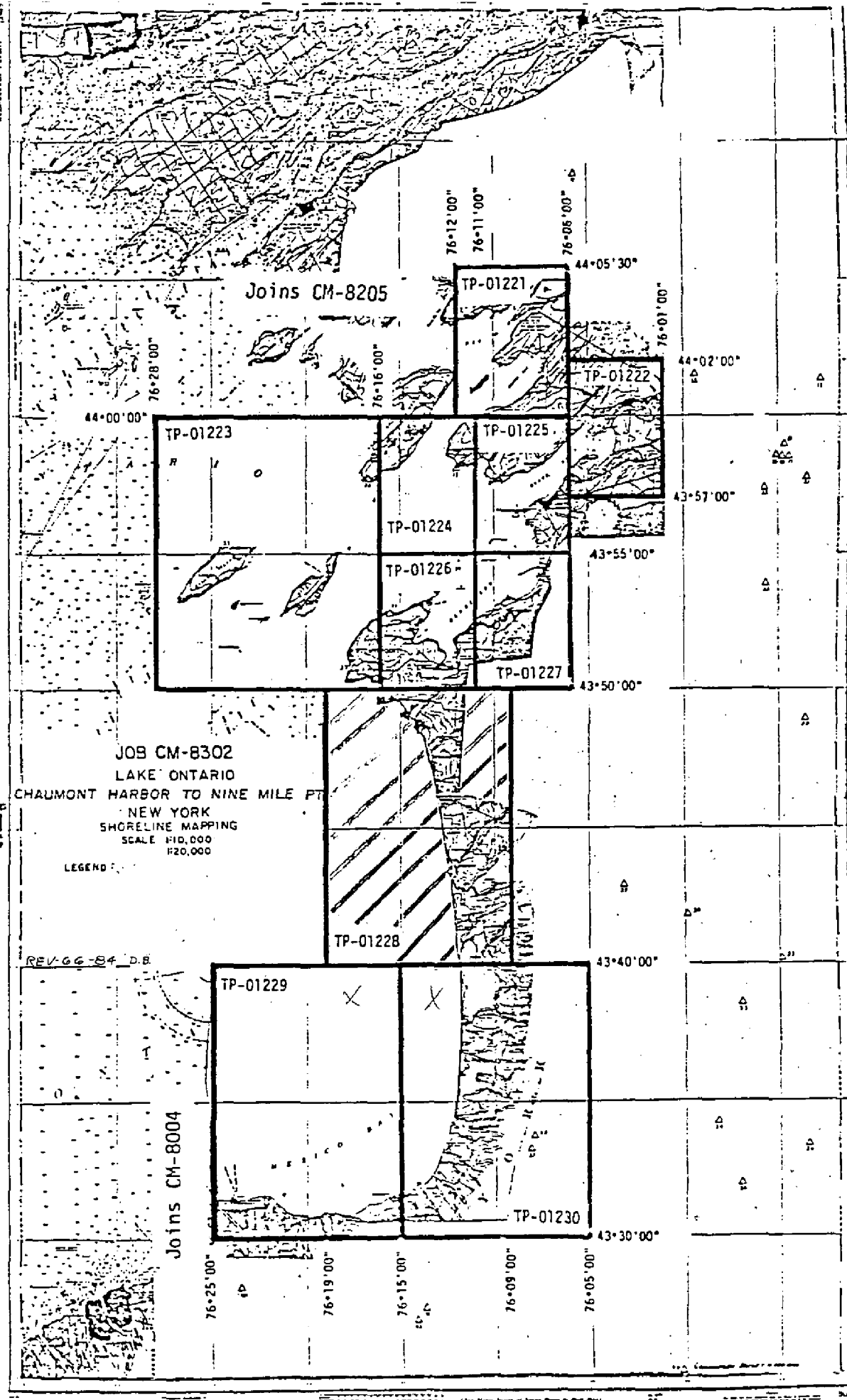
7. SUPPLEMENTAL MAPS AND PLANS

None

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

2 Forms 76-53 CSI Cards, 2 Forms 75-63, 4 pages Doppler Sta. Records
 1 Form 76-156 } Project Data
 2 Forms 76-52 }

NOAA FORM 76-36D (3-72)		U. S. DEPARTMENT OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION TP-01228 RECORD OF SURVEY USE		
I. MANUSCRIPT COPIES				
COMPILATION STAGES			DATE MANUSCRIPT FORWARDED	
DATA COMPILED	DATE	REMARKS	MARINE CHARTS	HYDRO SUPPORT
Compilation Complete	Oct. 1985	Class III Manuscript	None	None
Final Review, Class III	Nov. 1985	Final Class III Map	12/16/85	12/16/85
II. LANDMARKS AND AIDS TO NAVIGATION None				
1. REPORTS TO MARINE CHART DIVISION, NAUTICAL DATA BRANCH				
NUMBER	CHART LETTER NUMBER ASSIGNED	DATE FORWARDED	REMARKS	
2. <input type="checkbox"/> REPORT TO MARINE CHART DIVISION, COAST PILOT BRANCH. DATE FORWARDED: _____ 3. <input type="checkbox"/> REPORT TO AERONAUTICAL CHART DIVISION, AERONAUTICAL DATA SECTION. DATE FORWARDED: _____				
III. FEDERAL RECORDS CENTER DATA				
1. <input checked="" type="checkbox"/> BRIDGING PHOTOGRAPHS; <input checked="" type="checkbox"/> DUPLICATE BRIDGING REPORT; <input checked="" type="checkbox"/> COMPUTER READOUTS. 2. <input checked="" type="checkbox"/> CONTROL STATION IDENTIFICATION CARDS; <input type="checkbox"/> FORM NOS. 76-40 SUBMITTED BY FIELD PARTIES. 3. <input checked="" type="checkbox"/> SOURCE DATA (except for Geographic Names Report) AS LISTED IN SECTION II, NOAA FORM 76-36C. ACCOUNT FOR EXCEPTIONS: 4. <input type="checkbox"/> 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		



SUMMARY TO ACCOMPANY
DESCRIPTIVE REPORT

TP-01228

This 1:20,000 scale final Class III shoreline map is one of ten maps that comprise project CM-8302, Chaumont Harbor to Nine Mile Point, Lake Ontario, New York. This project consists of six 1:10,000 scale maps (TP-01221, TP-01222, and TP-01224 thru TP-01227) and four 1:20,000 scale maps (TP-01223 and TP-01228 thru TP-01230).

This map portrays a portion of shoreline just north of Mexico Bay in the eastern region of Lake Ontario.

The purpose of this map is to provide current charting information for nautical chart maintenance, including new chart construction, and to supplement data for future hydrographic activity.

Field work prior to photography was adequately provided in May 1984. This involved the recovery, establishment and identification (premarking) of horizontal control necessary for aerotriangulation. There was no field inspection performed.

Photo coverage for the project was adequately provided by panchromatic photographs taken at scales of 1:30,000 and 1:50,000 with the Wild RC-10 (Z) camera. The 1:30,000 scale photographs were taken May 24, 1984 and the 1:50,000 scale photographs in May 27, 1984. At the time of photography, a water level reading of 246.6 ft. was recorded at Cape Vincent, New York. This established the shoreline datum for the project based on the 1955 International Great Lakes Datum.

Analytic aerotriangulation was adequately provided by the Washington Science Center in November 1984. This activity also included ruling the base manuscripts, determining ratio values for the photographs and locating visible landmarks and navigational aids.

Compilation was performed at the Coastal Mapping Unit, Atlantic Marine Center in October 1985. Delineation of map detail was accomplished using stereo instrument methods based upon interpretation of the 1:50,000 scale mapping photographs.

Final review was performed at the Atlantic Marine Center in November 1985. A Chart Maintenance Print was prepared and forwarded to the Marine Chart Branch. Also, a Notes to Hydrographer Print was prepared for future hydrographic activity.

This Descriptive Report contains all pertinent information used to compile this final Class III map. The original base manuscript and related data were forwarded to the Washington Science Center for final registration.

FIELD INSPECTION

TP-01228

There was no field inspection prior to compilation. Field work accomplished consisted of aerial photography and the recovery, establishment, and identification (premarking) of the horizontal control necessary for the aerotriangulation of the project.

B

FIELD OPERATIONS REPORT
JOB CM-8302, LAKE ONTARIO, CHAUMONT HARBOR TO
NINE MINE POINT, NY

We have performed this job in the field in accordance with Project Instructions dated 7 March 1984, N/CG2342:RT, from 1 May 1984 thru 23 June 1984 inclusive.

On 4 May, Mr. Barnes and Mr. Walbolt met with Mr. Ross Hudson, Jr. and Mr. Harold Spath of District 6, USPS, Watertown, NY. The USPS gave us Recovery Notes for many of the Triangulation Stations in the area. This helped speed the premarking.

We placed targets for aerotriangulation photography in each of seventeen (17) requested areas. Two of these Panels (Nos. 8 and 11) we located by the Satellite Dopplers; the others by conventional means. Each Panel was in place by the afternoon of 12 May.

On 21 May, the Chief Pilot called to inform us that the Photo Mission was ready to fly the photography when weather permitted. On 24 May, the Chief Pilot again called to inform us that the Photo Mission was on its way, and arranged to meet us at the Watertown International Airport. Throughout this period, we continued to monitor the panels.

As in 6.0, Note 1 of Instructions, we sent graphics of each panel to the Rockville Office.

Submitted by,

Philip B. Walbolt

Philip B. Walbolt
6 July 1984

PHOTOGRAMMETRIC PLOT REPORT

CM-8302

Chaumont Harbor to Nine Mile Point
Lake Ontario-New York

November 1984

21. Area Covered

The project area covered by this report is that portion of the Lake Ontario-New York shoreline from Chaumont to Nine Mile Point. This area is covered by six 1:10,000 scale manuscripts (TP-01221, TP-01222, and TP-01224 through TP-01227) and four 1:20,000 scale manuscripts (TP-01223, TP-01228 through TP-01230).

22. Method

Six strips of 1:50,000 scale and four strips of 1:30,000 scale panchromatic photographs were bridged by standard analytic aerotriangulation methods. The control was premarked and used for the adjustment of the 1:50,000 scale strips. Tie points were used to ensure the adequate junctioning between all strips and as the primary control for the 1:30,000 scale strips.

Ratio values have been determined for all bridging photographs. A copy of the ratio values has been attached to this report.

The manuscripts were ruled on the Calcomp 718 plotter using the New York Central State Plane Coordinate System. This system is based on the Transverse Mercator Projection.

23. Adequacy of Control

The control proved adequate and meets the National Standards of Map Accuracy. A copy of the fit to control is attached to this report.

24. Supplemental Data

USGS quadrangles were used to provide vertical control for the adjustments. Nautical charts were used to locate aids and landmarks.

25. Photography

The coverage, overlap, and quality of the photographs proved adequate for completion of the project.

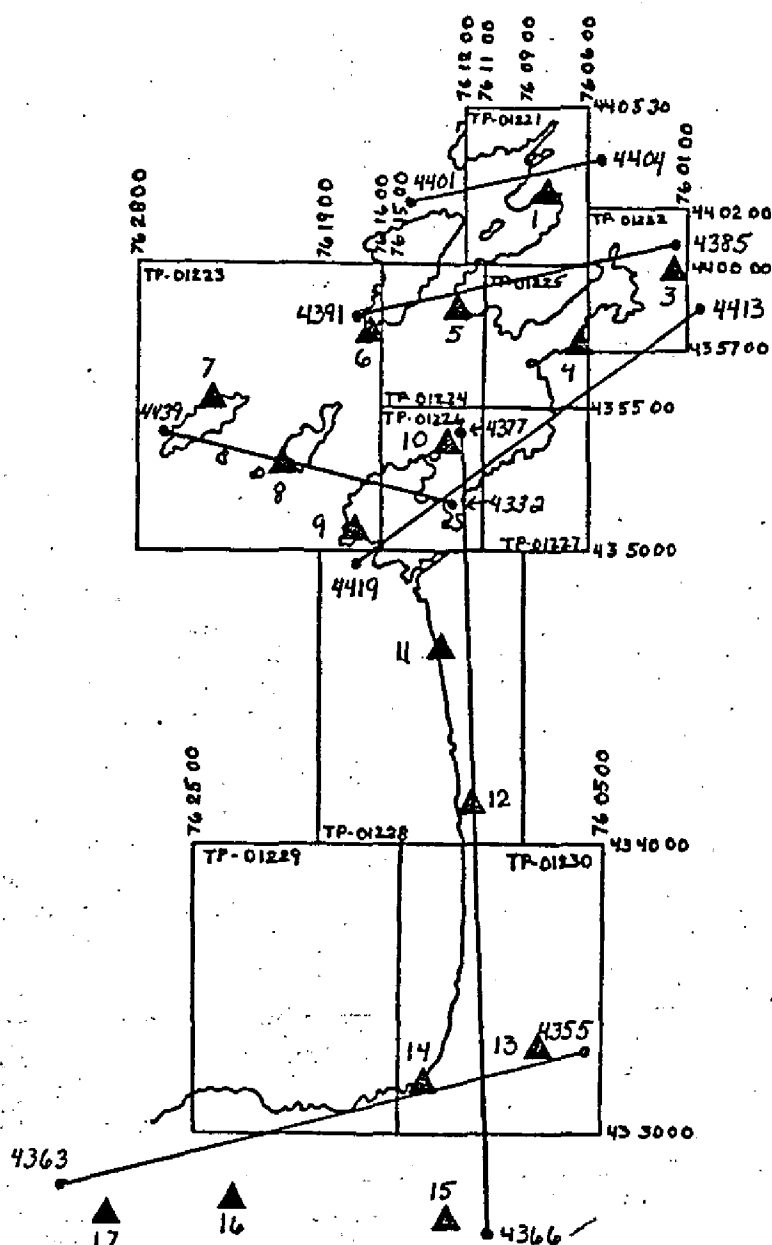
Approved and Forwarded:

Don O. Norman
Don O. Norman
Chief, Aerotriangulation Unit

Submitted by
Stephen H. Solbeck
Stephen H. Solbeck

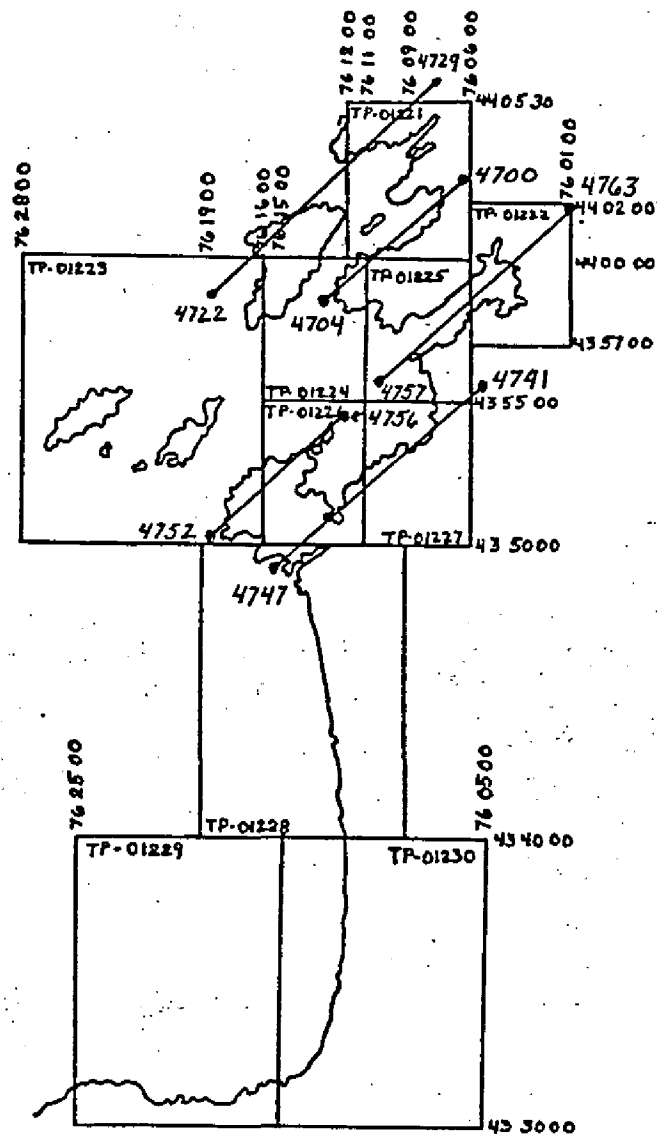
AEROTRIANGULATION SKETCH
CHAUMONT HARBOR TO NINE MILE PT
NEW YORK
CM-8302

1:50000 BRIDGING PHOTOGRAPHS
84Z(P)



AEROTRIANGULATION SKETCH
 CHAUMONT HARBOR TO NINE MILE PT
 NEW YORK
 CM-8302

1:30000 BRIDGING PHOTOGRAPHS
 84Z (P)



CM-8302

Control Reference for Aerotriangulation Sketch

Panel No.

1. Mort, 1983 (Sub Point)
3. Dexter 2, 1952
4. Sackets Harbor Black Tank, 1984 (Sub Point)
5. Shepard, 1983 (Sub Point)
6. Cooper (USLS), 1874
7. Galloo (USLS), 1874
8. Calf, 1984
9. Stony Point (USLS), 1874 (Sub Point)
10. 22601
11. Eastman, 1984 (Sub Point)
12. Colwell (USGS), 1893, RM 2 (Sub Point)
13. Pulaski, 1942 (Sub Point)
14. Derby, 1942 (Sub Point)
15. Mexico, 1942 (RM 3 - Stamped Mexico 1942 1974)
16. Scriba, 1942 (Sub Point)
17. Water, 1942

Fit to Control

CM-8302

Control Held in the Adjustment

1:50,000

<u>Station Name</u>	<u>Point No.</u>	<u>X</u> (Values in feet)	<u>Y</u>
<u>Strip 50-1</u>			
Tie From 50-2	401801	-.3	.5
"	401802	.6	-.3
"	401803	-1.2	.4
"	402801	1.3	-.7
"	402802	5.2	-3.4
"	402803	1.0	-1.5
"	403801	-1.0	-.7
"	403802	-.5	.7
"	403803	-.5	1.3
Mort, 1983 - Panel 1	403101	-.3	.5
Tie From 50-2	404801	-.7	1.2
"	404802	1.8	-1.0
"	404803	-.2	-.3
<u>Strip 50-2</u>			
Dexter 2, 1952 - Panel 3	385100	-.6	-.4
Sackets Harbor Black Tank 1984 - Panel 4	386101	.7	-.2
Mort, 1983 - Panel 1	403101	-.2	1.0
Shepard, 1983 - Panel 5	388101	.0	-1.0
Cooper (USLS) 1874 Panel 6	389100	.1	.6
<u>Strip 50-3</u>			
22601 - Panel 10	432100	-.4	1.1
Tie from 50-4	432801	.2	-1.4
"	432802	-.8	-1.6
"	432803	.1	-1.4

2

Stony Point (USLS), 1874 Panel 9	433101	1.3	.3
Tie from 50-4	433801	1.9	.5
"	433802	.2	2.5
"	433803	-.6	2.8
Calf, 1984 - Panel 8	434100	-2.9	-4.0
Galloo (USLS), 1874 Panel 7	435100	1.1	1.1

Strip 50-4

Dexter 2, 1952 - Panel 3	385100	-.3	.3
Sackets Harbor Black Tank 1984 - Panel 4	386101	.9	-.7
22601 - Panel 10	432100	-.9	.7
Stony Point (USLS), 1874 Panel 9	433101	.4	-.3

Strip 50-5

Pulaski, 1942 - Panel 13	355101	-.1	-.0
Derby, 1942 - Panel 14	357101	.3	.1
Scriba, 1942 - Panel 16	360101	-.3	-.1
Water, 1942 - Panel 17	362101	.1	.0

Strip 50-6

Mexico RM 3, 1974 Panel 15	366101	1.0	.0
Derby, 1942 - Panel 14	357101	-3.3	-.8
Pulaski, 1942 - Panel 13	355101	1.1	1.4
Coldwell (USLS), 1893, RM 2 - Panel 12	372101	.6	1.7
Eastman, 1984 - Panel 11	374101	1.0	-3.6
22601 - Panel 10	432100	-.5	1.3

1:30,000

<u>Station Name.</u>	<u>Point No.</u>	<u>X</u> (Values in feet)	<u>Y</u>
<u>Strip 30-1</u>			
Cooper (USLS), 1874 Panel 6	389100	-1.3	.6
Tie from 50-2	722801	-.2	-.1
"	722802	-.5	.1
"	723801	1.2	.2
"	723802	-.7	-.7
"	723803	.0	.2
"	724804	-.9	.7
"	724805	.4	-.1
"	724806	1.8	-.3
Tie from 50-1	725801	.1	1.1
"	725802	.7	-1.0
"	725803	-.2	.0
"	726804	-1.0	1.5
"	726805	-1.0	.6
"	726806	-.5	.3
"	727804	-.3	.1
"	727805	-.9	.5
"	727806	.6	1.1
"	728804	.4	-.2
"	728805	-.4	-.0
"	728806	.7	.8
"	729801	1.2	-.3
"	729802	-.3	.3
"	729803	.0	-.5
<u>Strip 30-2</u>			
Tie from 50-1	700801	-.8	1.3
"	700802	-.6	1.0
"	700803	.0	-.4

4

Mort, 1983, - Panel 1	403101	-.5	1.3
Tie from 50-2	701801	.6	-1.5
"	701802	1.3	-1.9
"	701803	.2	-1.9
"	702801	.0	.0
"	702802	.3	-.8
"	702803	.0	1.7
"	703801	-.2	1.1
"	703802	-.2	.4
"	703803	-.8	1.2
"	704801	-.2	-1.7
"	704802	1.6	.0
"	704803	-.2	.2
Shepard, 1983 - Panel 5	388101	-.5	-.3

Strip 30-3A

Stoney Point (USLS), 1874 Panel 9	433101	-1.6	.5
Tie from 50-4	752804	1.0	1.5
"	752805	1.2	-1.0
"	753805	-.7	-.9
"	753806	-1.5	-.7
"	754804	1.1	-.1
"	754805	-.4	-.1
"	754806	-.3	-.2
"	755804	-1.2	.7
"	755805	2.6	1.6
"	755806	-.2	.7
22601 - Panel 10	432100	-.5	.6
Tie from 50-6	756801	.8	-.9
"	756802	-.9	-.9
	756803	.0	-.3

Strip 30-3B

Tie from 50-4	757801	-.6	.6
"	757802	-.3	-.3
"	757803	1.6	.8
"	757810	-.7	-1.2
"	758811	.4	1.6
"	758812	-1.2	-.5
"	759807	.3	.1
"	759808	.4	.5
"	759809	.1	.3
"	760804	.3	1.1
"	760805	-1.0	1.2
"	760806	3.4	-2.6
Tie from 50-2	760807	.5	2.9
"	760808	.4	.4
"	760809	-.2	-.2
"	761807	-1.2	1.1
"	761808	.0	1.6
"	761809	.8	1.0
Tie from 50-4	762801	.9	-.2
"	762802	.8	-.5
"	762803	1.1	-.2
Tie from 50-2	762804	1.6	-.9
"	762805	.3	1.5
"	762806	.6	-1.0
"	763801	-1.1	.2
"	763802	-.7	-.5
"	763803	-.2	.6

6

Strip 30-4

Tie from 50-4	741801	-.8	-.7
"	741802	-.3	.7
"	741803	1.1	-.4
"	742801	-1.1	-.9
"	742802	.2	.0
"	742803	-.5	.3
"	743801	-.6	.6
"	743802	.3	2.3
"	742803	-.7	.1
"	744801	2.1	.9
"	744802	.9	-1.7
"	744803	.1	.1
"	745807	-1.5	.7
"	745808	-.1	.1
"	745809	-1.7	-1.3
"	746804	-.9	.1
"	746805	-.6	.5
"	746806	-.4	-.3
"	747801	.7	-.3
"	747802	.5	-.7
"	747803	1.6	.4

Ratio Values

CM-8302

1:50,000Ratio

84Z 4355 thru 4363	2.52
84Z 4366 thru 4377	2.51
84Z 4385 thru 4391	2.51
84Z 4401 thru 4404	2.52
84Z 4413 thru 4419	2.52
84Z 4432, 4434, 4435, 4437, 4439	2.52

1:30,000

84Z 4700 thru 4704	2.99
84Z 4722 thru 4729	3.00
84Z 4741 thru 4747	3.00
84Z 4752 thru 4763	2.99

DESCRIPTIVE REPORT CONTROL RECORD

MAP NO.	JOB NO.	STATION NAME	SOURCE OF INFORMATION (Index)	AEROTRIANGULATION POINT NUMBER	GEODETIC DATUM		ORIGINATING ACTIVITY		REMARKS	
					CM-8302	N.A. 1927	Unti, AMC, Norfolk, VA	Coastal Mapping		
					COORDINATES IN FEET	STATE	ZONE	NEW YORK	GEOGRAPHIC POSITION	
									ϕ LATITUDE	λ LONGITUDE
					X=	596,266.14			ϕ 43°46 31.422	
					Y=	1,375,882.82			λ 76°13 07.901	
					X=				ϕ 43 41 41.9594	
					Y=				λ 76 11 08.7834	
					X=				ϕ	
					Y=				λ	
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COMPILATION REPORT

TP-01228

31 - DELINEATION

Delineation was accomplished using stereo instrument compilation methods. Instrument compilation was used to delineate shoreline, alongshore and interior detail based upon office interpretation of the 1:50,000 scale bridging/compilation black-and-white photographs. All photographs used to compile this map are listed on NOAA form 76-36B. The photography was adequate.

32 - CONTROL

The horizontal control was adequate. Refer to the Photogrammetric Plot Report, dated November 1984.

33 - SUPPLEMENTAL DATA

None.

34 - CONTOURS AND DRAINAGE

Contours are not applicable to the project. Drainage was compiled from office interpretation of the photographs.

35 - SHORELINE AND ALONGSHORE DETAILS

The shoreline and alongshore details were compiled from office interpretation of the photographs. The shoreline compiled was the visible line of contact between land features and the water surface at the time of photography. Based on the International Great Lakes Datum (1955), the water level taken at Cape Vincent, New York gage was 246.6 feet. Low Water Datum for Lake Ontario is 242.8 feet.

36 - OFFSHORE DETAILS

Offshore details were compiled by instrument methods as described in item #31.

37 - LANDMARKS AND AIDS

There are no charted landmarks or aids within the limits of this manuscript.

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38 - CONTROL FOR FUTURE SURVEYS

None.

39 - JUNCTIONS

Refer to the Data Record Form 76-36B, Item 5, of the Descriptive Report.

40 - HORIZONTAL AND VERTICAL ACCURACY

See item #32.

46 - COMPARISON WITH EXISTING MAPS

A comparison was made with the following U.S.G.S. quadrangles:
Stony Point, N.Y., dated 1958, scale 1:24,000
Ellisburg, N.Y., dated 1958, scale 1:24,000
Henderson, N.Y., dated 1959, photoinspected 1980, scale 1:24,000.

47 - COMPARISON WITH NAUTICAL CHARTS

A comparison was made with the following NOS charts:
14803, 23rd edition, dated April 7, 1984, scale 1:80,000
14802, 27th edition, dated November 24, 1984, scale 1:80,000
14800, 26th edition, dated May 12, 1984, scale 1:400,000.

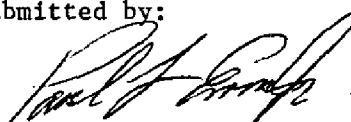
ITEMS TO BE APPLIED TO NAUTICAL CHARTS IMMEDIATELY

None.

ITEMS TO BE CARRIED FORWARD

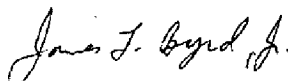
None.

Submitted by:



P. L. Evans, Jr.
Cartographic Technician
13 September 1985

Approved:



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

OCT 22 1985

GEOGRAPHIC NAMES

FINAL NAME SHEET

CM-8302 (Lake Ontario, New York)

TP-01228

Alexander Corners
Black Pond
Clark Point
Colwell Hill (topographic)
Cranberry Pond
El Dorado Beach
Floodwood Pond
Goose Pond
Greene Point
Jefferson Park (locality)
Lake Ontario
Lakeview Pond
Lindsey Creek
Little Stony Creek
~~Montaire~~ Point (locality) Montario Point *g x H*
Mud Brook
Mud Creek
North Colwell Pond
North Landing
North Pond
Ray Bay
Renshaw Bay
Sandy Creek
Sawyer Bay
Sawyer Point
Skinner Creek
South Colwell Pond
South Sandy Creek
Southwick Beach
Stony Creek

Approved:

Charles E. Harrington

Charles E. Harrington
Chief Geographer
Nautical Charting Division
Charting and Geodetic Services

REVIEW REPORT
TP-01228
SHORELINE

61 - GENERAL STATEMENT

Refer to the Summary included in this Descriptive Report.

62 - COMPARISON WITH REGISTERED TOPOGRAPHIC SURVEYS

Not applicable.

63 - COMPARISON WITH MAPS OF OTHER AGENCIES

A comparison was made with the following 1:24,000 scale U.S.G.S. quadrangles:

Ellisburg, N.Y., dated 1958,

Stony Point, N.Y., dated 1958

Henderson, N.Y., dated 1959, photoinspected 1980.

64 - COMPARISON WITH CONTEMPORARY HYDROGRAPHIC SURVEYS

No contemporary hydrographic survey was conducted with this shoreline mapping project.

65 - COMPARISON WITH NAUTICAL CHARTS

A comparison was made with the following NOS charts:

14803, 23rd edition, 1:80,000 scale (1:20,000 scale inset), April 7, 1984

14802, 27th edition, 1:80,000 scale, November 24, 1984.

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:

Jerry L. Hancock

Jerry L. Hancock

Final Reviewer

Approved for forwarding:

Billy H. Barnes

Billy H. Barnes

Chief, Photogrammetric Section, AMC

Approved:

J. A. Morney

Chief, Photogrammetric Section,
Rockville

Ronald K. Brewer

Chief, Photogrammetry Branch,
Rockville

