

TP-00871

TP-00871

NOAA FORM 76-35 (3-76) U.S. DEPARTMENT OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION NATIONAL OCEAN SURVEY	
<h2>DESCRIPTIVE REPORT</h2>	
<i>Map No.</i> TP-00871	<i>Edition No.</i> 1
<i>Job No.</i> CM-7811	
<i>Map Classification</i> FINAL, FIELD EDITED MAP	
<i>Type of Survey</i> SHORELINE	
LOCALITY	
<i>State</i> ILLINOIS - INDIANA	
<i>General Locality</i> CHICAGO LAKE FRONT	
<i>Locality</i> JACKSON PARK OUTER HARBOR	
<div style="border: 1px solid black; padding: 5px; display: inline-block;"> 1978 TO 19 81 </div>	
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-00871	
DESCRIPTIVE REPORT - DATA RECORD				<input checked="" type="checkbox"/> ORIGINAL		MAP EDITION NO. (1)	
				<input type="checkbox"/> RESURVEY		MAP CLASS Final	
				<input type="checkbox"/> REVISED		JOB NO CM-7811	
PHOTOGRAMMETRIC OFFICE Coastal Mapping Division Atlantic Marine Center, Norfolk Va.				LAST PRECEDING MAP EDITION			
OFFICER-IN-CHARGE Max Ethridge, LCDR				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 January 24, 1980 Compilation May 27, 1980				Horizontal Control June 12, 1978 Field Edit June 26, 1981			
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 Michigan Low Water Datum			
3. MAP PROJECTION Transverse Mercator				4. GRID(S)			
				STATE Illinois		ZONE East	
5. SCALE 1:10,000				STATE		ZONE	
III. HISTORY OF OFFICE OPERATIONS							
OPERATIONS				NAME		DATE	
1. AEROTRIANGULATION BY				R. Kelly		April 1980	
METHOD: Analytic LANDMARKS AND AIDS BY				R. Kelly		April 1980	
2. CONTROL AND BRIDGE POINTS PLOTTED BY				R. Cauthorne		April 1980	
METHOD: Calcomp CHECKED BY				R. Cauthorne		April 1980	
3. STEREOSCOPIC INSTRUMENT PLANIMETRY BY				D. Butler		Aug. 1980	
COMPILATION CHECKED BY				L. Neterer Jr.		Aug. 1980	
INSTRUMENT: Wild B-8				N.A.			
SCALE: 1:10,000				N.A.			
4. MANUSCRIPT DELINEATION PLANIMETRY BY				D. Butler		Aug. 1980	
CHECKED BY				F. Margiotta		Sept. 1980	
METHOD: Smooth drafted				N.A.			
CHECKED BY				N.A.			
SCALE: 1:10,000 HYDRO SUPPORT DATA BY				D. Butler		Aug. 1980	
CHECKED BY				F. Margiotta		Sept. 1980	
5. OFFICE INSPECTION PRIOR TO FIELD EDIT BY				F. Margiotta		Sept. 1980	
6. APPLICATION OF FIELD EDIT DATA BY				P. Evans		Jan. 1982	
CHECKED BY				F. Margiotta		July 1982	
7. COMPILATION SECTION REVIEW BY				F. Margiotta		July 1982	
8. FINAL REVIEW BY				J. Hancock		Aug. 1982	
9. DATA FORWARDED TO PHOTOGRAMMETRIC BRANCH BY				J. Hancock		Oct. 1982	
10. DATA EXAMINED IN PHOTOGRAMMETRIC BRANCH BY				R. Kelly (Signed)		Apr. 1983	
11. MAP REGISTERED - COASTAL SURVEY SECTION BY				D. Wolke		OCT 4 1983	

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

TP-00871

COMPILATION SOURCES

1. COMPILATION PHOTOGRAPHY

CAMERA(S) Wild R.C. 8 "S" (S=152.29 mm)		TYPES OF PHOTOGRAPHY LEGEND		TIME REFERENCE	
TIDE STAGE REFERENCE <input type="checkbox"/> PREDICTED TIDES <input type="checkbox"/> REFERENCE STATION RECORDS <input type="checkbox"/> TIDE CONTROLLED PHOTOGRAPHY		(C) COLOR (P) PANCHROMATIC (I) INFRARED		ZONE Central	<input checked="" type="checkbox"/> STANDARD
				MERIDIAN 90th	<input type="checkbox"/> DAYLIGHT
NUMBER AND TYPE	DATE	TIME	SCALE	STAGE OF TIDE	
78 S(P) 8209-8212	June 5, 1978	14:09	1:30,000	NA (See below)	

REMARKS

The lake level at time of photography was 579.05 feet or 2.25 feet above the International Great Lakes Datum. Water levels were taken at the Calumet Harbor gage on June 5, 1978.

2. SOURCE OF MEAN HIGH-WATER LINE:

The term Mean High-Water Line is not applicable. The "shoreline" was delineated from the above listed photographs, and is defined as the visible line of contact on the photographs between land and water.

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
TP-00870	No survey	TP-00872	No survey
REMARKS			

NOAA FORM 76-36C
(3-72)

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

TP-00871
HISTORY OF FIELD OPERATIONS

I. ☒ FIELD INSPECTION OPERATION (Horizontal Control) ☐ FIELD EDIT OPERATION.

OPERATION	NAME	DATE
1. CHIEF OF FIELD PARTY	L. Davis	July 1979
2. HORIZONTAL CONTROL RECOVERED BY ESTABLISHED BY PRE-MARKED OR IDENTIFIED BY	None None None	
3. VERTICAL CONTROL RECOVERED BY ESTABLISHED BY PRE-MARKED OR IDENTIFIED BY	None None None	
4. LANDMARKS AND AIDS TO NAVIGATION RECOVERED (Triangulation Stations) BY LOCATED (Field Methods) BY IDENTIFIED BY	None None 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	N.A.	

II. SOURCE DATA

1. HORIZONTAL CONTROL IDENTIFIED
None

2. VERTICAL CONTROL IDENTIFIED
None

PHOTO NUMBER	STATION NAME	PHOTO NUMBER	STATION DESIGNATION

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

None

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

REMARK: No horizontal control (photo-identification) coverage fell within the limits of this map.

TP-00871

HISTORY OF FIELD OPERATIONS.

I. ☐ FIELD INSPECTION OPERATION☒ FIELD EDIT OPERATION.

OPERATION	NAME	DATE
1. CHIEF OF FIELD PARTY	P.B. Walbolt	June 1981
2. HORIZONTAL CONTROL	RECOVERED BY P.B. Walbolt ESTABLISHED BY None PRE-MARKED OR IDENTIFIED BY None	June 1981
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 P.B. Walbolt	June 1981
5. GEOGRAPHIC NAMES INVESTIGATION	TYPE OF INVESTIGATION <input type="checkbox"/> COMPLETE <input type="checkbox"/> SPECIFIC NAMES ONLY <input type="checkbox"/> NO INVESTIGATION BY P.B. Walbolt	June 1981
6. PHOTO INSPECTION	CLARIFICATION OF DETAILS BY N. Wike & P.B. Walbolt	June 1981
7. BOUNDARIES AND LIMITS	SURVEYED OR IDENTIFIED BY N.A.	

II. SOURCE DATA

1. HORIZONTAL CONTROL IDENTIFIED

None

2. VERTICAL CONTROL IDENTIFIED

None

PHOTO NUMBER	STATION NAME	PHOTO NUMBER	STATION DESIGNATION

3. PHOTO NUMBERS (Clarification of details)

78 S(P) 8209, 8211, 8212 (1:10,000 scale ratios)

4. LANDMARKS AND AIDS TO NAVIGATION IDENTIFIED

see below

PHOTO NUMBER	OBJECT NAME	PHOTO NUMBER	OBJECT NAME
78S(P)8211	Fifty-Ninth Street Yacht Harbor		
(1:10,000 scale)	North Pier Light		
"	Jackson Park Yacht Harbor, South Side Light		
"	Jackson Park Yacht Harbor, North Side Light		

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)

3 Forms 76-40

4 Pages, horizontal angles locating offshore obstructions (girders)

1 Field Edit Report

1 Film Master Field Edit Print

NOAA FORM 76-360
(3-72)U. S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATIONTP-00871
RECORD OF SURVEY USE

I. MANUSCRIPT COPIES

COMPILATION STAGES			DATE MANUSCRIPT FORWARDED	
DATA COMPILED	DATE	REMARKS	MARINE CHARTS	HYDRO SUPPORT
Compilation complete pending field edit	Sept. 1980	Class III Manuscript, Superseded	None	None
Field edit applied, compilation complete	July 1982	Class I Manuscript	None	None
Final Review	Aug. 1982	Final Map	Jan 7, 1983	None

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		Jan 7, 1983	Landmarks to be charted
1		"	Aids to be charted
1		"	Landmarks to be deleted

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

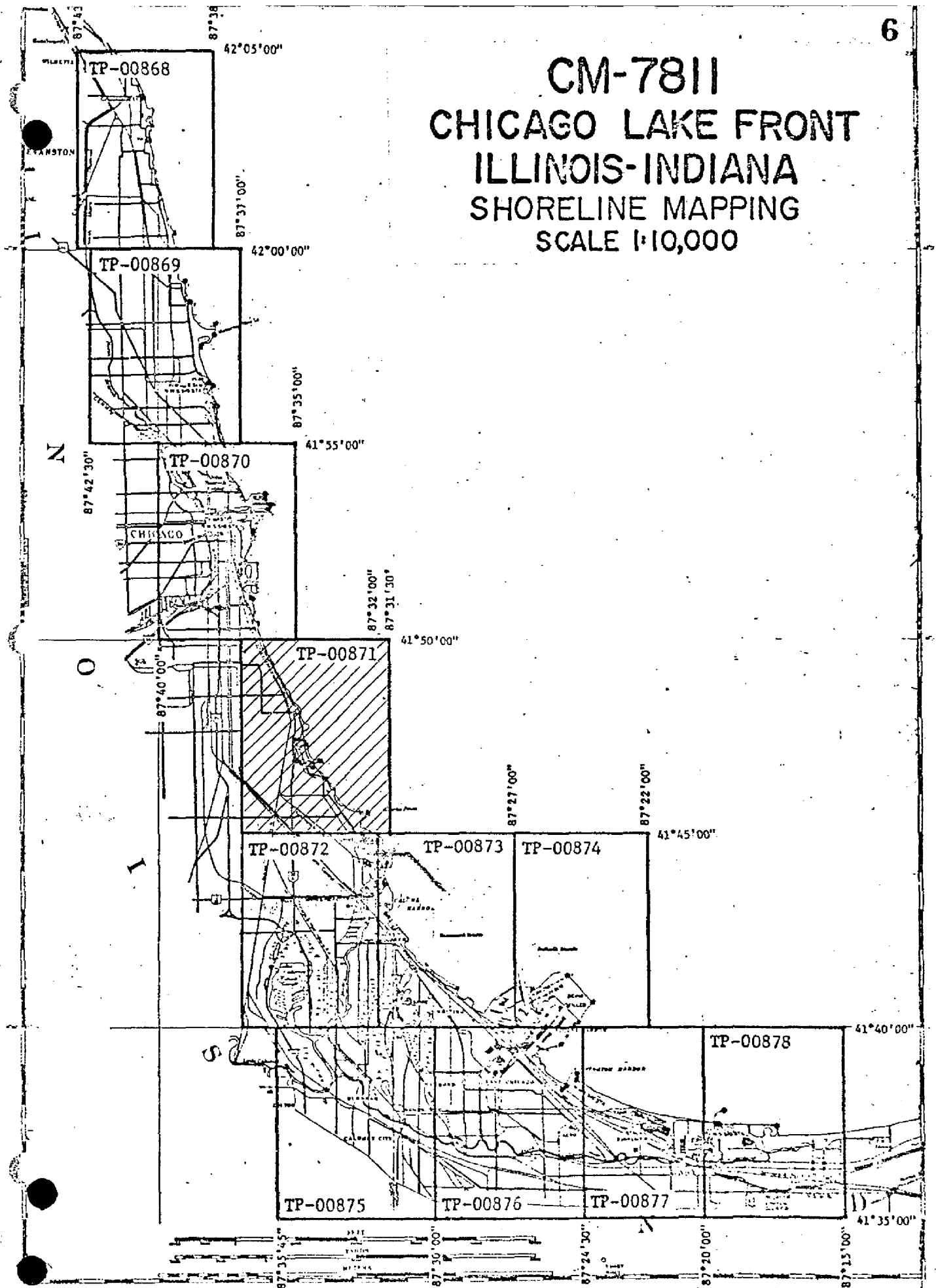
III. FEDERAL RECORDS CENTER DATA

1. ☒ BRIDGING PHOTOGRAPHS; ☒ DUPLICATE BRIDGING REPORT; ☒ COMPUTER READOUTS.
 2. ☒ CONTROL STATION IDENTIFICATION CARDS; ☒ FORM NOS. ~~XXX~~ SUBMITTED BY FIELD PARTIES. (Forms 76-40)
 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: SEPTEMBER 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	
	DATE OF PHOTOGRAPHY	DATE OF FIELD EDIT	MAP CLASS <input type="checkbox"/> II. <input type="checkbox"/> III. <input type="checkbox"/> IV. <input type="checkbox"/> V. <input type="checkbox"/> FINAL	
THIRD EDITION	SURVEY NUMBER TP - _____ (3)	JOB NUMBER PH - _____	TYPE OF SURVEY <input type="checkbox"/> REVISED <input type="checkbox"/> RESURVEY	
	DATE OF PHOTOGRAPHY	DATE OF FIELD EDIT	MAP CLASS <input type="checkbox"/> II. <input type="checkbox"/> III. <input type="checkbox"/> IV. <input type="checkbox"/> V. <input type="checkbox"/> FINAL	
FOURTH EDITION	SURVEY NUMBER TP - _____ (4)	JOB NUMBER PH - _____	TYPE OF SURVEY <input type="checkbox"/> REVISED <input type="checkbox"/> RESURVEY	
	DATE OF PHOTOGRAPHY	DATE OF FIELD EDIT	MAP CLASS <input type="checkbox"/> II. <input type="checkbox"/> III. <input type="checkbox"/> IV. <input type="checkbox"/> V. <input type="checkbox"/> FINAL	

CM-7811
CHICAGO LAKE FRONT
ILLINOIS-INDIANA
SHORELINE MAPPING
SCALE 1:10,000



SUMMARY TO ACCOMPANY
DESCRIPTIVE REPORT

TP-00871

This 1:10,000 scale final shoreline map is one of eleven maps, TP-00868 through TP-00878, that comprise project CM-7811, Chicago Lake Front, Illinois-Indiana.

The purpose of this project was to provide current charting information for nautical chart maintenance. No hydrographic operations were concurrent with this mapping project.

This final map features the Jackson Park Harbor area and a portion of the Illinois shoreline along the west side of Lake Michigan from Lat. $41^{\circ} 45.0'$ to Lat. $41^{\circ} 50.0'$.

Two flight strips of 1:60,000 scale panchromatic photography were obtained for aerotriangulation May 10, 1978 using the RC-10 "Y" camera. Four flight strips of 1:30,000 scale panchromatic photography were obtained for compilation June 5, 1978 using the RC-8 "S" camera. This photography provided adequate coverage for the project.

Field work prior to compilation was accomplished in August 1979; this involved the establishment of horizontal control by field photoidentification methods specified to meet aerotriangulation requirements.

Analytic aerotriangulation was adequately provided by the Washington Science Center in April 1980.

Compilation was performed at the Coastal Mapping Section, Atlantic Marine Center, in September 1980. Copies of the Class III map were submitted for field edit.

Field edit was performed in August 1981 by assigned personnel from the Field Surveys Branch, AMC. Field data acquired during this edit was returned to the original compilation office and applied in July 1982.

Final review was performed at the Atlantic Marine Center in August 1982. At that time, a final Chart Maintenance Print was prepared and submitted for the Marine Chart Division.

This Descriptive Report contains all pertinent information used to compile this Final Map. The original base manuscript and all related data was forwarded to the Washington Science Center for final registration.

FIELD INSPECTION

TP-00871

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

CM-7811

Chicago Lake Front
Illinois-Indiana

April 18, 1980

21. Area Covered

This report covers 11 1:10,000 sheets, TP-00868 thru TP-00878 of Chicato Lake Front Illinois-Indiana.

22. Method

Two strips of 1:60,000 scale photography were bridged by analytic aerotriangulation methods and adjusted to ground on the Illinois State Plane Coordinate System, Illinois East Zone. These 2 strips were bridged to established compilation points to control 4 strips of 1:30,000 compilation photography. Aids and landmarks were located in bridging of the 1:60,000 scale photography. Ratio values were determined of the 1:30,000 scale photography and one each black-and-white print film were ordered for compilation and field edit. Ruling of manuscript and plotting of points were done on the CALCOMP and forwarded to AMC.

23. Adequacy of Control

The horizontal control provided was adequate except for Foster, 1977 Substitute Station B, which was the intersection of two paved walkways.

Due to the irregular shape of the intersection an accurate instrument reading was impossible. All other control held within the accuracy required by National Standards of Maps at 1:10,000 scale.

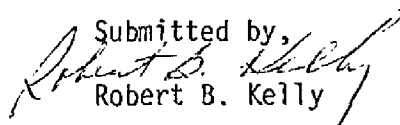
24. Supplemental Data

Local shoreline and U.S. Geological Survey quadrangles were used to provide vertical elevations for vertical adjustments of bridges.

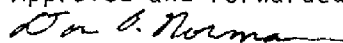
25. Photography

RC-10 "Y" photography was used for the 2 bridging strips. RC-8 "S" Photography was used for the 4 compilation strips. Both RC-10 "Y" and RC-8 "S" photography were adequate as to coverage and definition. Vacuum failure was noticed at the end lap of the RC-8 "S" photography, but this should not effect the compilation.

Submitted by,

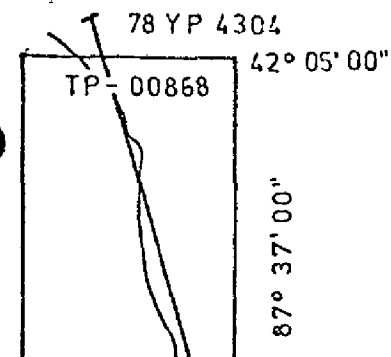

Robert B. Kelly

Approved and Forwarded:



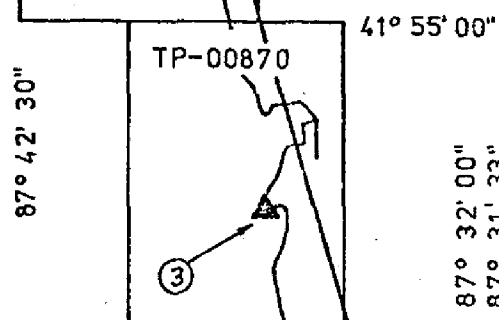
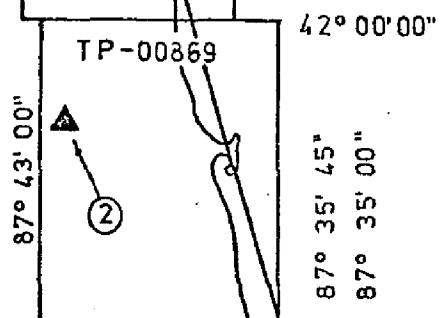
Don O. Norman

Chief, Aerotriangulation Section

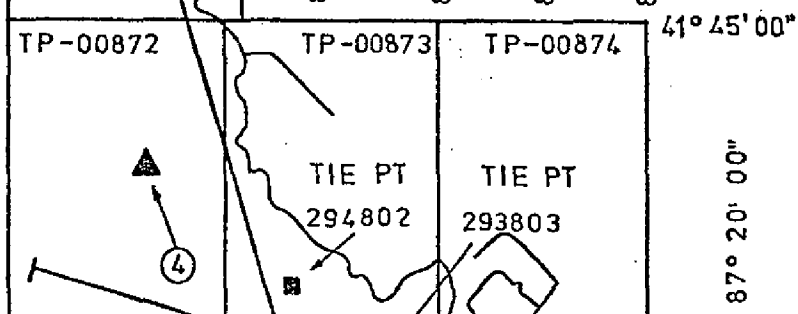
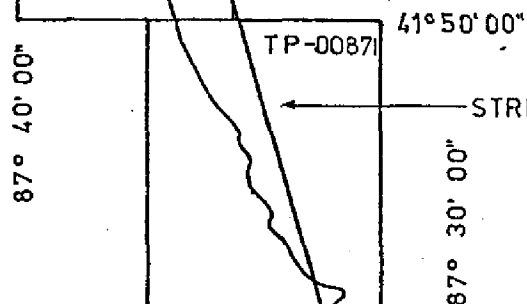


BRIDGING PHOTOGRAPHY

CM-7811
CHICAGO LAKE FRONT
ILLINOIS-INDIANA
SHORELINE MAPPING
SCALE 1:10,000



- 1 GLENVIEW, 1956
- 2 FOSTER, 1977
- 3 021 COC
- 4 OSWALD, 1977
- 5 HIGHLAND, 1952
- 6 EDISON, 1952
- 7 HOBART, 1952

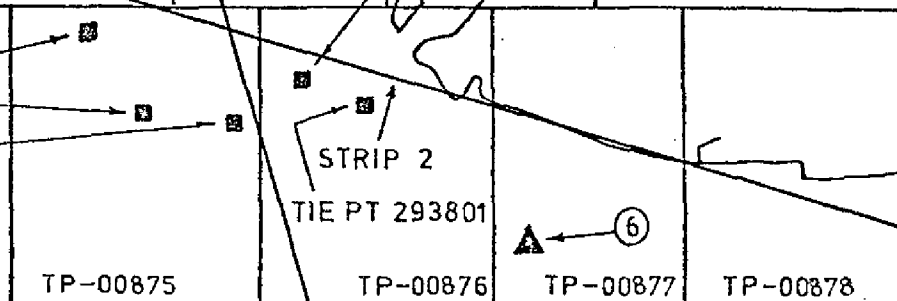


78 YP 4415
 41° 40' 00"

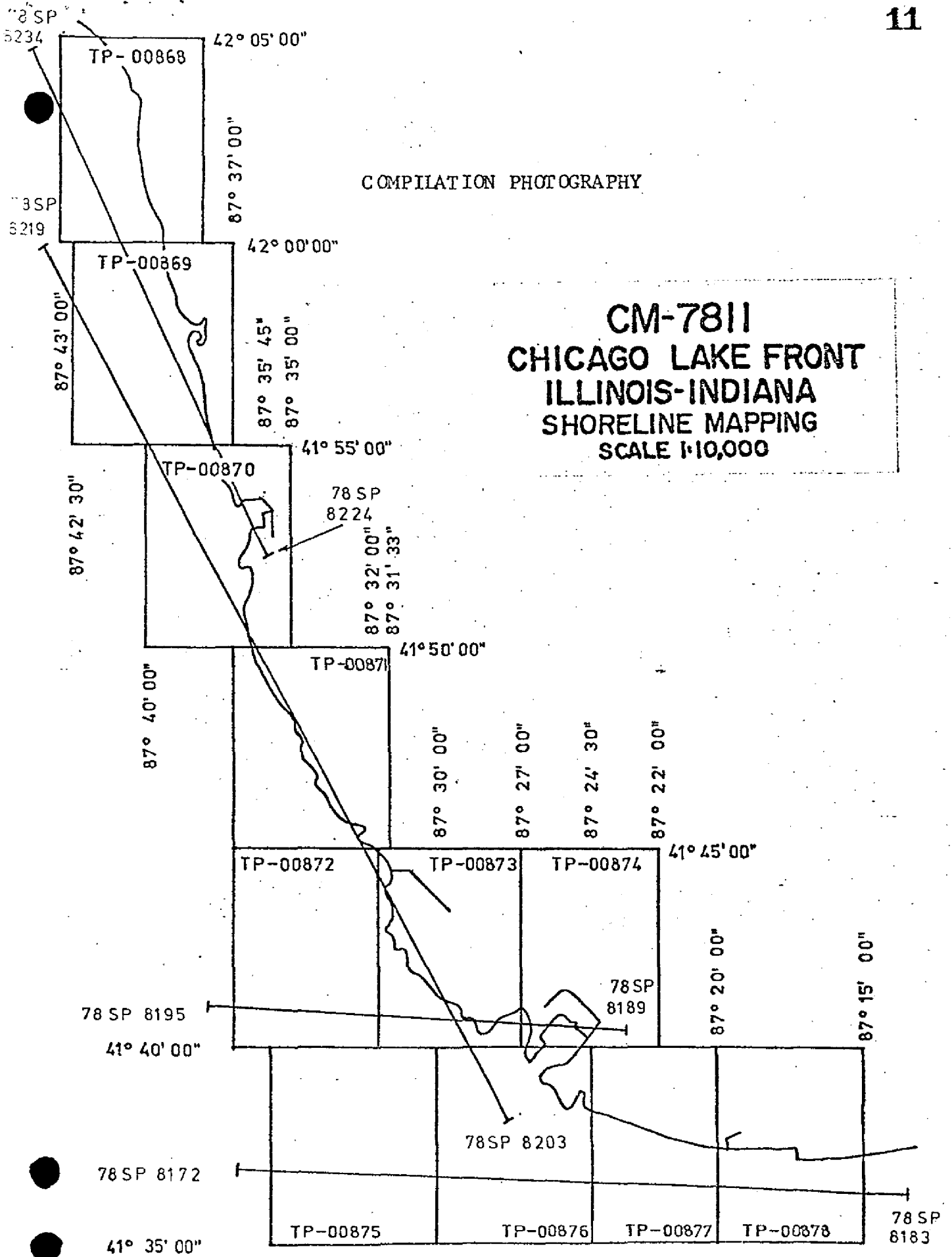
TIE PT 295801
 TIE PT 294801
 TIE PT 293802

41° 35' 00"

78 YP 4291



(7) →



CLOSURES TO CONTROL

STRIP 1

304101	GLENVIEW, 1956	SUB PT A	4.4	,	-6.6
304102	" "	" " B	3.5	,	-0.7
301101	FOSTER, 1977	SUB PT A	-0.3	,	0.8
301102	" "	" " B	-0.5	,	14.2
298101	021 COC	SUB PT A	1.4	,	-1.8
298102	" "	" " B	0.0	,	-1.3
415101	OSWALD, 1977	SUB PT A	-1.1	,	3.1
415102	" "	" " B	0.2	,	0.8
292101	HIGHLAND, 1952	SUB PT A	-0.0	,	-0.2
292102	" "	" " B	-1.2	,	-4.9

STRIP 2

415102	OSWALD, 1977	SUB PT B	0.9	,	0.2
295801	TIE POINT		2.5	,	-0.1
294801	" "		-1.5	,	-0.7
294802	" "		0.3	,	2.8
293802	" "		-0.2	,	-1.1
293803	" "		-0.9	,	-0.8
293801	" "		3.9	,	1.5
411101	EDISON, 1972	SUB PT A	-2.4	,	2.5
411102	" "	" " B	-1.9	,	-3.3
409101	HOBART, 1972	SUB PT A	-1.7	,	0.9
409102	" "	" " B	-5.6	,	0.1

DESCRIPTIVE REPORT CONTROL RECORD

MAP NO. TP-00871	JOB NO. CM-7811	GEODETTIC DATUM N, A, 1927		ORIGINATING ACTIVITY Coastal Mapping Division A.M.C., Norfolk VA			
		STATION NAME	SOURCE OF INFORMATION (Index)	AEROTRI- ANGULATION POINT NUMBER	COORDINATES IN FEET STATE Illinois ZONE East	GEOGRAPHIC POSITION ϕ LATITUDE λ LONGITUDE	REMARKS
EAST END, 1956	410874 1012				x=	$\phi 41^{\circ} 48' 14.985''$	
					y=	$\lambda 87^{\circ} 35' 09.193''$	
BEACH, 1977	G-16005 500				x=	$\phi 41^{\circ} 48' 09.632''$	
					y=	$\lambda 87^{\circ} 35' 06.455''$	
037 COC, 1977	G-16005 501				x=	$\phi 41^{\circ} 47' 15.897''$	
					y=	$\lambda 87^{\circ} 35' 12.227''$	
CHICAGO ST. PHILLIP CHURCH SPIRE, 1977	G-16005 132				x=	$\phi 41^{\circ} 45' 53.644''$	
					y=	$\lambda 87^{\circ} 34' 21.066''$	
PAVIA, 1977	G-16005 510				x=	$\phi 41^{\circ} 45' 27.777''$	
					y=	$\lambda 87^{\circ} 32' 33.446''$	
059 COC, 1977	G-16005 512				x=	$\phi 41^{\circ} 45' 06.731''$	
					y=	$\lambda 87^{\circ} 32' 56.069''$	
CHICAGO UNITARIAN CHURCH SPIRE, 1977	G-16005 125				x=	$\phi 41^{\circ} 47' 29.835''$	
					y=	$\lambda 87^{\circ} 35' 48.567''$	
					x=	ϕ	
					y=	λ	
					x=	ϕ	
					y=	λ	
					x=	ϕ	
					y=	λ	
COMPUTED BY A.C. Rauck Jr.					COMPUTATION CHECKED BY F. Margiotta		DATE May 1980
LISTED BY A.C. Rauck Jr.					LISTING CHECKED BY F. Margiotta		DATE May 1980
HAND PLOTTING BY L. Williams					HAND PLOTTING CHECKED BY J. Roderick		DATE May 1980

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

COMPILATION REPORT

TP-00871

31. DELINEATION

Delineation was by instrument methods using the Wild B-8 stereo-plotter and by office interpretation of the 1:30,000 scale panchromatic photographs. The compilation photography was adequate. Photographs ratioed at 3.02 times the contact photo size were processed for field edit.

32. CONTROL

The horizontal control was adequate. Refer to the Photogram-metric Plot Report, dated April 18, 1980.

33. SUPPLEMENTAL DATA

None

34. CONTOURS AND DRAINAGE

Contours are not applicable. Drainage was delineated by the Wild B-8 instrument from office interpretation of the photographs.

35. SHORELINE AND ALONGSHORE DETAILS

Refer to form 76-36B, item 2 for shoreline delineation.

Alongshore details were delineated by the Wild B-8 stereoplotter from office interpretation of the photographs.

36. OFFSHORE DETAILS

No unusual problems. Several shoal areas were delineated from the compilation photographs.

37. LANDMARKS AND AIDS

Preliminary 76-40 forms consisting of 1 page of Navigational Aids and 1 page of Landmarks for Charts were prepared for field edit.

38. CONTROL FOR FUTURE SURVEYS

None

39. JUNCTIONS

Refer to the Data Record Form 76-36B, item 5.

TP-00871

40. HORIZONTAL AND VERTICAL ACCURACY

See item 32.

46. COMPARISON WITH EXISTING MAPS

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

Jackson Park, Ill.-Ind; dated 1963, photorevised 1972

47. COMPARISON WITH NAUTICAL CHARTS

A comparison was made with the following N.O.S. Charts:

14926, scale 1:10,000, dated July 24, 1976, 3rd edition

14927, scale 1:60,000, dated May 5, 1979, 17th edition

ITEMS TO BE APPLIED TO NAUTICAL CHARTS IMMEDIATELY

None

ITEMS TO BE CARRIED FORWARD

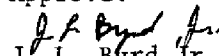
None

Submitted by:



David P. Butler
Cartographic Technician
August 22, 1980

Approve:


J. L. Byrd Jr.

Chief, Coastal Mapping Section

ADDENDUM TO THE COMPILATION REPORT

TP-00871

Sixty Eight Street Crib Light was repositioned according to the triangulation position. No recovery information was field submitted; however, the light position in relation to the crib structure was verified by the field editor.

Three Navigational Aids (lights) were located by resetting the stereo models.

FIELD EDIT REPORT
TP--00871 JACKSON PARK, OUTER HARBOR
CM-7811 CHICAGO LAKE FRONT
ILLINOIS - INDIANA

51. METHODS

This Map was edited by skiff, by truck, and by foot. All questions were investigated, and effort was extended to resolve each question.

52. ADEQUACY OF COMPILATION

This compilation appears good, and it will be both complete and adequate upon the application of this edit.

54. RECOMMENDATIONS

From Jackson Park northward, much of the shoreline is an old seawall in varring stages of disrepair. In many places it is still sufficiently intact to still be called a seawall; in other places it has disintegrated enough to be called rip rap. In a few spots there are girders along the seaward edge to hold it in place, and these are indicated on the photos. In one place on photo 8211 there are 5 steel girders in the water, and these were located by T2 angles from three (3) photo points. All data is included herein.

56. GEOGRAPHIC NAMES

A report for special names only is attached to this report.

57. LANDMARKS AND AIDS

One Landmark is deleted; Form 76-40 is inclosed.

Three (3) aids are located on photo 78S(P) 8211.

58. FIELD EDITOR

Field Edit was by P. B. Walbolt.

25 August 1981

Submitted by:

Philip B. Walbolt

Philip B. Walbolt

Chief, Photo Party 63

TP-00871 FIELD EDIT, CONTINUED

56. GEOGRAPHIC NAMES

JACKSON PARK INNER HARBOR (R)

SOUTH LAGOON

Road signs, local usage, and all persons contacted use the name JACKSON PARK INNER HARBOR.

JACKSON PARK OUTER HARBOR (R)

YACHT HARBOR

The name JACKSON PARK OUTER HARBOR is established in local usage. It appears in the local newspapers, is on road signs, and is used by everyone contacted.

SOUTH SHORE BEACH (R)

YACHT HARBOR

This is now a municipal beach instead of a yacht basin, and everyone contacted used the name SOUTH SHORE BEACH.

REFERENCES

The Harbormaster, Jackson Park Outer Harbor, City of Chicago Recreation Dept.

The Harbormaster, Jackson Park Inner Harbor, City of Chicago Recreation Dept.

Superintendent, South Shore Country Club, City of Chicago Recreation Dept.

Superintendent, South Shore Beach, City of Chicago Recreation Dept.

REVIEW REPORT TP-00871

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 U.S.G.S. quadrangle Jackson Park, Ill. Ind., 1:24,000 scale, dated 1963, photorevised 1972. No significant differences were noted.

64. COMPARISON WITH CONTEMPORARY HYDROGRAPHIC SURVEYS:

No contemporary hydrographic survey was conducted in the area common to this final map.

65. COMPARISON WITH NAUTICAL CHARTS:

A comparison was made with the following N.O.S. charts:
14926, 3rd. edition, 1:10,000 scale, dated July 24, 1976
14927, 17th. edition, 1:60,000 scale, dated May 5, 1979

The shoal areas delineated on this final map were derived strictly from photo interpretation and were neither proved nor disproved during field edit. These limits compared well with the existing charts and were retained as advisable information in the event of future hydrographic operations.

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 Review

Approved for forwarding:

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

Approved:

George W. Barnes
Chief, Photogrammetric Branch, Rockville

Lawrence W. Fritz
Chief, Photogrammetry division

GEOGRAPHIC NAMES

FINAL NAME SHEET

CM-7811 (Chicago Lakefront, Illinois-Indiana)

TP-00871

Burnham Park

Chicago

Clarke Point Shoal

East Lagoon

59th Street Harbor

Hyde Park Inner Shoal

Illinois Central Gulf (RR)

Jackson Park

Jackson Park Inner Harbor

Jackson Park Outer Harbor

Lake Michigan

Model Yacht Basin

Morgan Shoal

Oakland Shoal

Rainbow Park

South Park Shoal

West Lagoon

Approved by:
Charles E. Harrington
Charles E. Harrington
Chief Geographer, OA/C3x!

CM-7811

CHICAGO LAKE FRONT, ILL. & IND.

MATERIAL ON FILE

NATIONAL ARCHIVES/FEDERAL RECORDS CENTER

BOX (CONTENTS)

- Control Station Identification Cards
- Field Identified Horizontal Control Photographs
- Field Edit Photographs
- Bridging Photographs
- Field Edit Copies (Discrepancy Prints)

Project Completion Report

BUREAU ARCHIVES

- Registered Maps
- Descriptive Reports

REPRODUCTION DIVISION

8x Reduction Negative of Each Map

OFFICE OF STAFF GEOGRAPHER

Geographic Names Standards

Replaces C&GS Form 567.

NONFLOATING AIDS

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

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

REPORTING UNIT
(Field Party, Ship or Office)
Coastal Mapping Div.
A.M.C. Norfolk VA

STATE
Illinois

LOCALITY
Chicago Lake Front

DATE
June 1981

The following objects HAVE ☒ BEEN INSPECTED FROM SEAWARD TO DETERMINE THEIR VALUE AS LANDMARKS.

OPR PROJECT NO.

JOB NUMBER

SURVEY NUMBER

DATUM

CM-7811

TP-00871

N.A. 1927

POSITION

METHOD AND DATE OF LOCATION
(See instructions on reverse side)CHARTS
AFFECTEDCHARTING
NAME

DESCRIPTION

(Record reason for deletion of landmark or aid to navigation.
Show triangulation station names, where applicable, in parentheses)

LATITUDE

LONGITUDE

D.P. Meters

OFFICE

FIELD

CHARTS
AFFECTED

LIGHT

Fifty-Ninth Street Yacht Harbor North
Pier Light

41 47

19.06

87 34

29.23

6/3/81

P-5-L

14926

LIGHT

Jackson Park Yacht Harbor South
Side Light

41 46

45.31

87 34

21.69

6/3/81

P-5-L

14927

LIGHT

Jackson Park Yacht Harbor North
Side Light

41 46

47.26

87 34

22.78

6/3/81

P-5-L

14905

LIGHT

Jackson Park Yacht Harbor Middle
Light

41 46

53.22

87 34

07.36

78S(P)8210

V-Vis

"

LIGHT

Jackson Park Yacht Harbor Outer
Light

41 47

04.34

87 34

03.33

"

"

"

LIGHT

(Sixty Eight Street Crib Light, 1977)

41 47

10.544

87 31

53.230

78S(P)8209

"

"

LIGHT

Filtration Plant Breakwater North
End Light

41 45

42.69

87 32

38.66

"

"

"

LIGHT

Filtration Plant Breakwater South
End Light

41 45

24.60

87 32

17.27

"

"

"

RESPONSIBLE PERSONNEL	
TYPE OF ACTION	NAME
OBJECTS INSPECTED FROM SEAWARD	P.B. Walbolt
POSITIONS DETERMINED AND/OR VERIFIED	P.B. Walbolt
	P. Evans
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 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 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.	

RESPONSIBLE PERSONNEL	
TYPE OF ACTION	NAME
OBJECTS INSPECTED FROM SEAWARD	P. B. Walbolt
POSITIONS DETERMINED AND/OR VERIFIED	P. B. Walbolt
	P. Ryans
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 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
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*FIELD POSITIONS are determined by field observations based entirely upon ground survey methods.	

RESPONSIBLE PERSONNEL	
TYPE OF ACTION	NAME
OBJECTS INSPECTED FROM SEAWARD	P.B. Walbolt
POSITIONS DETERMINED AND/OR VERIFIED	P.B. Walbolt
FORMS ORIGINATED BY QUALITY CONTROL AND REVIEW GROUP AND FINAL REVIEW ACTIVITIES	P. Evans
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 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 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	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
**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.	

RECORD OF APPLICATION TO CHARTS

FILE WITH DESCRIPTIVE REPORT OF SURVEY NO.

INSTRUCTIONS

A basic hydrographic or topographic survey supersedes all information of like nature on the uncorrected chart.

1. Letter all information.
2. In "Remarks" column cross out words that do not apply.
3. Give reasons for deviations, if any, from recommendations made under "Comparison with Charts" in the Review.

[illegible]