NOAA FORM 76-35 (3-76)  U.S. DEPARTMENT OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION NATIONAL OCEAN SURVEY
DESCRIPTIVE REPORT
Map No.         Edition No.           TP-00873         1
Job No. CM-7811 Map Classification FINAL, FIELD EDITED MAP Type of Survey
SHORELINE
LOCALITY State
ILLINOIS - INDIANA  General Locality  CHICAGO LAKE FRONT  Locality  CALUMET HARBOR
<b>19</b> 78 <b>TO 19</b> 81
REGISTRY IN ARCHIVES
DATE

\*U. S. GOVERNMENT PRINTING OFFICE:1976-669-248

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NOAA FORM 76-36A (3-72) NATIONA	U. S. DEPARTMENT OF COMMERCE L OCEANIC AND ATMOSPHERIC ADMIN	TYPE OF SURVEY	SURVEY	тр00873 -
		ORIGINAL	MAPEDITI	on no. (1)
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DESCRIPTIVE K	EPORT - DATA RECORD	_	1	
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PHOTOGRAMMETRIC OFFICE Coastal Mapping Div	ision (	LAST PRECEE	DING MAP EDI	TION
AMC, Norfolk, VA	191011	TYPE OF SURVEY	lob	PH
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Max Ethridge, LCDR			19TO 1	y
I. INSTRUCTIONS DATED				
	I. OFFICE		2. FIELD	<u> </u>
Aerotriangulation	January 24, 1980 -	Horizontal Cont	rol Iur	ne 12, 1978
Compilation	May 27, 1980	Field Edit		ne 26, 1981
	1111/ 17, 1700	, reru Edic	Jul	16 20, 1301
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N. DATUMS		OTHER (Specify)		
I. HORIZONTAL:	XX 1927 NORTH AMERICAN	, , , , ,		
	MEAN HIGH-WATER	OTHER (Specify)		
2. VERTICAL:	MEAN LOW-WATER	International Gr	eat Lakes	Datum
Zi VERITORE.	MEAN LOWER LOW-WATER	(1955) Lake Mich	igan Low W	ater Datum
3. MAP PROJECTION	MEAN SEA LEVEL			
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5. SCALE		STATE	ZONE	
1:10,000				
III. HISTORY OF OFFICE OPE	RATIONS	<del></del>		
	PERATIONS	NAME	<del></del>	DATE
I. AEROTRIANGULATION METHOD: Analytic	LANDMARKS AND AIDS BY		<u> </u>	April 1980
2. CONTROL AND BRIDGE PO		R. Cauthorne		11 11
METHOD: Calcomp	CHECKED BY	R. Cauthorne		F1 F8
3. STEREOSCOPIC INSTRUME	NT PLANIMETRY BY	J. Moler / R. Kr.	avitz	9-1980/2-198
COMPILATION	CHECKED BY	F, Mauldin		Feb. 1981
INSTRUMENT: Wild I		NA		ļ
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4. MANUSCRIPT DELINEATIO	N PLANIMETRY BY  CHECKED BY	J. Moler/ R. Krav	71tz	10-1980/2-19
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5. OFFICE INSPECTION PRIO	R TO FIELD EDIT BY	F, Mauldin		March 1981
6. APPLICATION OF FIELD E		R. Kravitz		March 1982
	CHECKED BY	W. McLemore		April 1982
7. COMPILATION SECTION RE		W. McLemore		April 1982
9. DATA FORWARDED TO PHO	OTOGRAMMETRIC BRANCH BY	J. Hancock J. Hancock		Sept. 1982 Oct. 1982
10. DATA EXAMINED IN PHOT		R. Kelly	<b>0</b> 2~	Apr. 1983
11, MAP REGISTERED - COAST		(Sights) To Total		4 1992

OAA FORM 76-36B 3-72)			NATIONAL OCE			ENT OF COMMERCI C ADMINISTRATION
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OAA FORM 76-36C -72)		TP-00873	NATIONAL OCEAN	U. S. DEPARTMI IG AND ATMOSPHERI NATION	ENT OF COMMER C Administrat Al Ocean Surv
		HISTORY OF FIELD	OPERATIONS.		
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. CHIEF OF FIELI	PARTY		L. Davis		July 1979
		RECOVERED BY	None		July 1979
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I HOMEON AL	JII	PRE-MARKED OR IDENTIFIED BY	None		
·		RECOVERED BY	None		
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VERTICAL CON	INUL				<del>- </del>
<del>.</del>		PRE-MARKED OR IDENTIFIED BY	None	·	<del></del>
		ECOVERED (Triangulation Stationa) BY	None	· · · · · · · · · · · · · · · · · · ·	+
LANDMARKS AN AIDS TO NAVIG		LOCATED (Field Methods) BY	None		<del></del>
		TYPE OF INVESTIGATION	None		
		COMPLETE			
, GEOGRAPHIC N. INVESTIGATION		SPECIFIC NAMES ONLY			
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PHOTO INSPECT	····	CLARIFICATION OF DETAILS BY	None		+
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	None				
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. GEOGRAPHIC N	AMES:	REPORT XX NONE	6. BOUNDARY AND	LIMITS: REPO	RT 🛣 NONI

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.

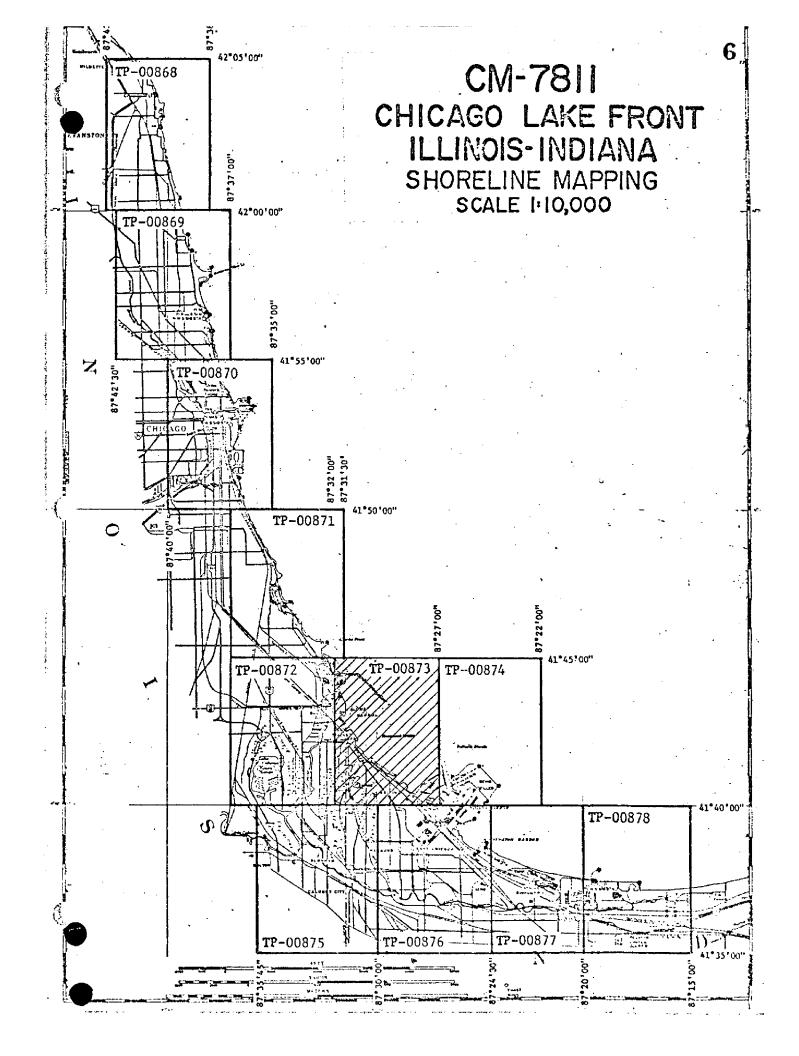
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NOAA FORM 76-36D (3-72)

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

# TP-00873

			RECO	RD OF SURVEY	/ USE				
I. MANUSCRI	PT COPIES								
	CO	MPILAT	TION STAGES	S .			DATE MANUS	CRIPT	FORWARDED
DA	TA COMPILED	<u> </u>	DATE	RE	MARKS		MARINE CHAR	TS HY	ORO SUPPORT
-	tion complete field edit	Marc	h 1981	Class III Superse		pt	None		None
	dit applied; tion complete	Apri	1 1982	Class I Manúscript	<u>:</u>		None		None
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IV. SURVEY	EDITIONS (This section !	shell be	completed e	ach time a new maj	p edition is re	gistered	j		
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THIRD	TP .	_ (3)	PH	<u> </u>		RE	VISED	RESUI	RVEY
EDITION	DATE OF PHOTOGRAP	нү	DATE OF F	IELD EDIT	<b>□</b> 0.	□ш.	MAP CLASS	v.	FINAL
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# SUMMARY TO ACCOMPANY DESCRIPTIVE REPORT

#### TP-00873

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 portarys the western shore of Lake Michigan from Lat.  $41^{\circ}40.0$ ' to Lat.  $41^{\circ}45.0$ ' featuring the Calumet Harbor entrance area.

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 photo-identification 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 March 1981. 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 April 1982.

Final review was performed at the Atlantic Marine Center in September 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-00873

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-andwhite 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.

## 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,

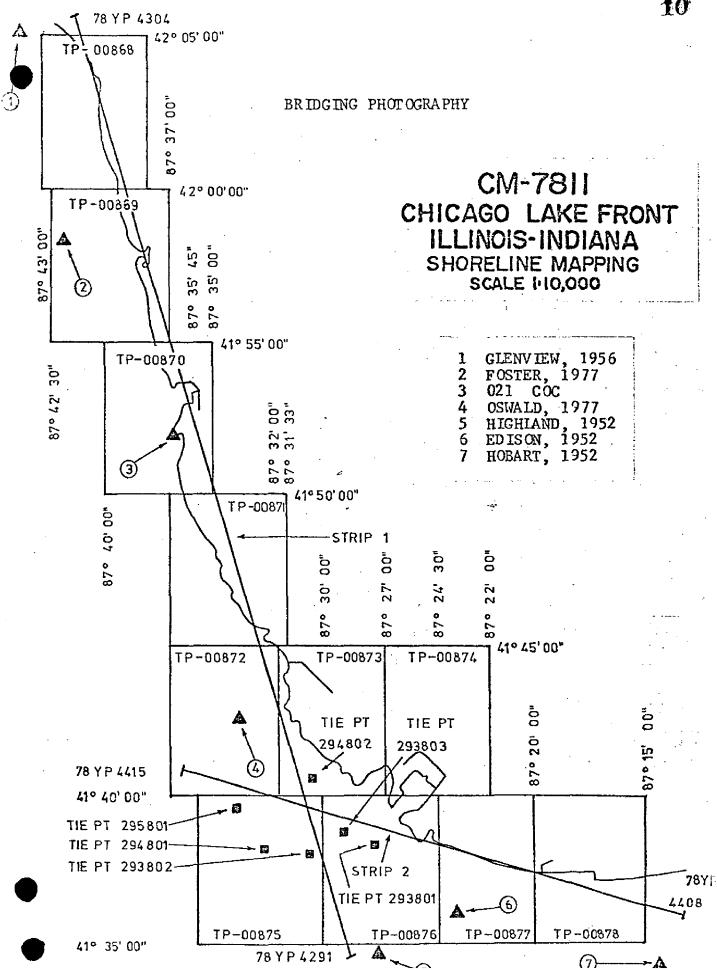
John D. Kelly /

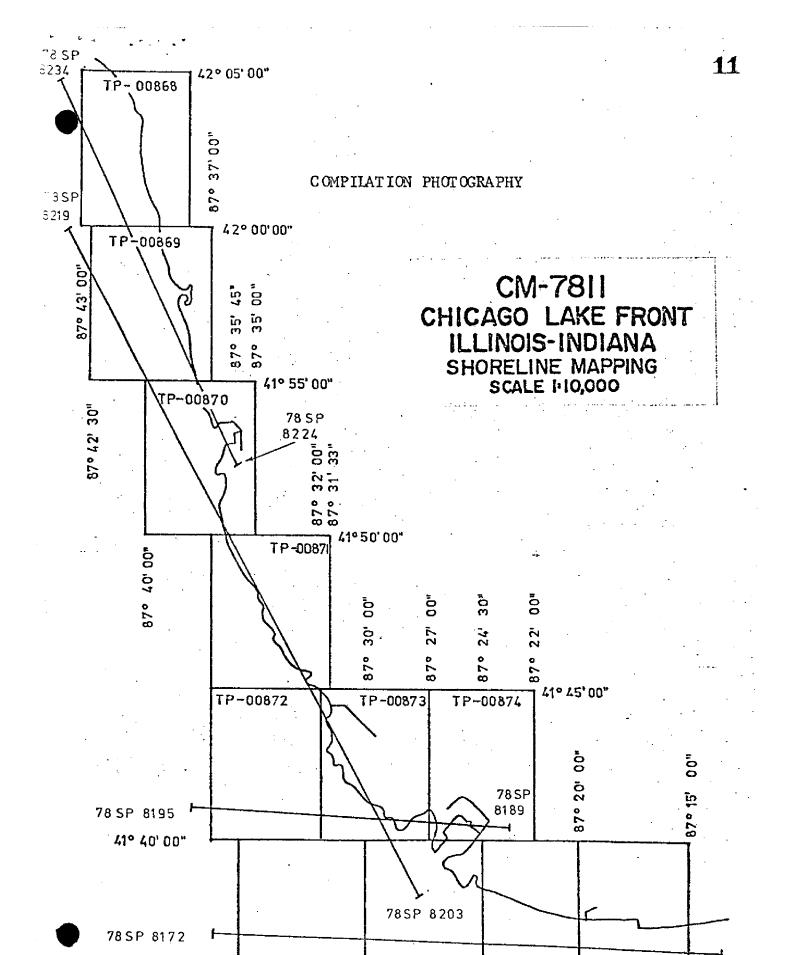
Robert B. Kelly /

Approved and Forwarded: Da G. Norma

Don O. Norman

Chief, Aerotriangulation Section





TP-00876

TP-00877

TP-00878

TP-00875

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# CLOUSURES TO CONTROL

# STRIP 1

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NOAA FORM 76-41				U.S NATIONAL OCEANIC AND A	U.S. DEPARTMENT OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
		DESCRIPTIV	DESCRIPTIVE REPORT CONTROL RECORD		
MAP NO.	JOB NO.		GEODETIC DATUM	ORIGINATING ACTIV	vity no Division
TP-00873	CM-/811		NA 1927	AMC, Norfolk, VA	Ng LIVISION
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HAND PLOTTING BY		DATE	12		DATE
		SUPERSEDES NO	RSEDES NOAA FORM 76-41, 2-71 EDITION WHICH IS OBSOLETE.	H IS OBSOLETE.	13

#### COMPILATION REPORT

#### TP-00873

## 31. DELINEATION

Delineation was by instrument methods using the Wild B-8 stereoplotter 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 Photogrammetric 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 ALONGSHROE 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.

#### 37. LANDMARKS AND AIDS

Preliminary 76-40 forms consisting of l page of Navigational Aids and 2 pages of Landmarks for Charts were prepared for field edit.

## 38. CONTROL FOR FUTURE SURVEYS

None

#### TP-00873

#### 39. JUNCTIONS

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

#### 40. HORIZONTAL AND VERTICAL ACCURACY

See Item #32.

## 46. COMPARISON WITH EXISTING MAPS

Comparsion was made with U.S.G.S. quadrangles: Lake Calumet, Illinois-Indiana, photo revised 1973, scale 1:24,000 Whiting, Indiana 1968 scale 1:24,000

## 47. COMPARISON WITH NAUTICAL CHARTS

Comparison was made with N.O.S. Chart No. 14926, scales 1:10,000 and 1:20,000, dated July 24, 1976, 3rd edition; No. 14929, scale 1:15,000, dated January 27, 1979, 16th edition; No. 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:

Robert R. Kravitz Cartographic Technician

Robert R. Krant

Date: February 1981

Approved:

J. L. Byrd, Jr.

Chief, Coastal Mapping Section

#### ADDENDUM TO THE COMPILATION REPORT

#### TP-00873

## FIELD EDIT

The field editor noted that there is a cable running along the southern edge of the large breakwater protecting Calumet Harbor. He also noted that this cable is broken and not in use. No positions for the cable were given.

At approximately Lat.  $41^{\circ}43'15''$  Long.  $87^{\circ}31'30''$  there is a submerged bulkhead that was verified by the field editor. He also noted that there is a row of steel girders along the submerged bulkhead that project 3 feet. These girders were not compiled as no data for their location was submitted.

FIELD EDIT REPORT
TP-00873 CALUMET HARBOR
CM-7811 CHICAGO LAKE FRONT
ILLINOIS - INDIANA

## 51. METHODS

This Map was edited by boat, by truck, and by foot. A few changes are indicated on the photo, and are referenced on the Field Edit Print.

All questions were investigated thoroughly in the field, and are answered on the Map.

## 52. ADEQUACY OF COMPILATION

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

## 54. RECOMMENDATIONS

No recommendations for the Map. However, the title name "Calumet" is spelled incorrectly on the bottom margin of the map.

## 56. GEOGRAPHIC NAMES

There are no name changes on this Map.

## 57. LANDMARKS AND AIDS

Four (4) Stacks are recommended for deletion, as they do not show well from seaward. One prominent Stack which is already compiled is recommended as a Landmark, as it shows well from seaward.

A private front range light was located by traverse, and the data is included herein. An additional light was indicated on the photograph.

## 58. FIELD EDITOR

Field Edit was by P. B. Walbolt.

2h August 1981 Submitted by:

Philip B. Walbolt Chief, Photo Party 63

#### REVIEW REPORT TP-00873

#### 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 U.S.G.S. quadrangles:

Lake Calumet, Illinois-Indiana, 1965 photorevised 1973 Whiting, Indiana, 1968 No significant differences were noted.

#### 64. COMPARISON WITH CONTEMPORARY HYDROGRAPHIC SURVEYS:

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

#### 65. COMPARISON WITH NAUTICAL CHARTS:

A comparison was made with the following N.O.S. charts: 14926, 3rd edition, 1:20,000 scale, dated July 24, 1976 14929, 16th edition, 1:15,000 scale, dated January 27, 1979

#### 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 Final Reviewer

Approved for forwarding: Bully H. Barr

Billy H. Barnes

Chief, Photogrammetric Branch, AMC

Approved:

Chief Photogrammetric Branch, Rockville

Chief, Photogrammetry Division

Lawrence W. Fit

## GEOGRAPHIC NAMES

## FINAL NAME SHEET

## CM-7811 (Chicago Lakefront, Illinois-Indiana)

TP-00873

Baltimore and Ohio (RR)

Calumet Harbor

Calumet River

Conrail (RR)

East Chicago

East Side

Elgin Joliet and Eastern (RY)

Indiana Harbor Belt (RR)

Lake George

Lake Michigan

Robertsdale

South Chicago

Whiting

Wolf Lake

Approved by:

Charles E. Harrington Chief Geographer, OA/C3x5

## 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

NOAA FORM 76-	40				'n	S. DEPARTA	U.S. DEPARTMENT OF COMMERCE	ORIGINATING ACTIVITY	CTIVITY
(8-74)			NAT	TONAL OCE	ANIC AND	AT MOSPHER	IC ADMINISTRATION	HYDROGRAPHIC PA	PARTY
Replaces C&GS Form 567		AIC		FOR CHARTS	RTS			GEODETIC PARTY PHOTO FIELD PARTY	<u>}</u>
XTO BE CHARTED	TED REPORTING UNIT	STATE		LOCALITY			DATE	COMPILATION ACTIVIT	Y 1 1 4
TO BE REVISED		Div.   Illinois		Chicago	go Lake	Front	June 1981	QUALITY CONTROL & REVIEW GRP	L R REVIEW GRP.
The following	HAVE XX HAVE NOT	been inspected from seaward to determine their value as landmarks.	ward to de	termine thei	r value as	landmarks.		(See reverse for responsible personnel)	ible personnel)
OPR PROJECT NO.	JOB NUMBER	SURVEY NUMBER	DATUM						
			NA	1927			METHOD AND DATE OF LOCATION	E OF LOCATION	
	CM-7811	TP-00873		POSITION	NO		(See instructions on reverse side)	on reverse side)	CHARTS
	DESCRIPTION	2	LATITUDE	JON.	LONGITUDE	rude			AFFECTED
CHARTING	(Record reason for deletion of landmark or aid to navigation. Show triangulation station names, where applicable, in perentheses)	r or aid to navigation. • applicable, in perentheses)	, .	// D.M. Meters	,	// D.P. Meters	OFFICE	FIELD	ļ
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		·		08,10		22.59 -	78 S(P) 8207	N-VIS	:
LIGHT	Calumet Harbor Entrance   Light	e South Side	41 44	250	87 30	522 ·	6/5/78	6/8/81	<b>:</b> :
LIGHT	Calumet Harbor Light		,	12.64		28.91	78 S(P) 8207	V-VIS	=
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LIGHT	Calumet Harbor Breakwater	ter South		33.58		35.87	78 S(P) 8206	SIA-A	=
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`				47.84	i	30.75	78 S(P) 8206	SIA-A	
LIGHT	Calumet Park 101st Street	set Pier Light	41 42	1476	87 31	711	6/5/78	6/8/81	=
LIGHT	Hammond Intake Crib Light	ght	١,	15.14		49.26	78 S(P) 8192	V-VIS	=
- 1			41 42	467	8/ 29	1139	6/5//8	6/8/81	

Page 1 of 3

	RESPONSIBLE PERSONNEL	VERSONNEL	
TYPE OF ACTION	NAME		ORIGINATOR
			X PHOTO FIELD PARTY HYDROGRAPHIC PARTY
OBJECTS INSPECTED FROM SEAWARD			GEODETIC PARTY OTHER (Specify)
•			FIELD ACTIVITY REPRESENTATIVE
TOUT ONE DE LEXALINED AND/OR VORTERO	Robert R. Kravitz		OFFICE ACTIVITY REPRESENTATIVE
FORMS ORIGINATED BY QUALITY CONTROL AND REVIEW GROUP AND FINAL REVIEW ACTIVITIES			REVIEWER  REPRESENTATIVE
	INSTRUCTIONS FOR ENTRIES UNDER 'METHOD AND DATE O (Consult Photogrammetric Instructions No. 64,	AETHOD AND DATE OF LOCATION'	
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Enter the number and date (including month, day, and year) of the photograph used to identify and locate the bject.  EXAMPLE: 75E(C)6042  8-12-75	(including month, tograph used to bject.	entry of method of local date of field work and a graph used to locate or EXAMPLE: P-8-V 8-12-75 74L(C)2982	method of location or verification, field work and number of the photo- ed to locate or identify the object. P-8-V 8-12-75 74L(C)2982
DETERMINED plicable dat P - Vis	NED OR VERIFIED data by symbols as follows: P - Photogrammetric Vis - Visually 5 - Field identified	II. TRIANGULATION STATION RECOVERED When a landmark or aid which is angulation station is recovered Rec.' with date of recovery. EXAMPLE: Triang. Rec. 8-12-75	ON RECOVERED aid which is also a tri- is recovered, enter 'Triang. recovery.
etion on sitions*	7 - Planetable 8 - Sextant require entry of method of	III. POSITION VERIFIED VISUALLY ON PHOTOGRAPH Enter 'V+Vis.' and date.  EXAMPLE: V-Vis. 8-12-75	ISUALLY ON PHOTOGRAPH date.
EXAMPLE: F-2-6-L 8-12-75	or rieid work.	**PHOTOGRAMMETRIC FIELD POSITIONS are dependent entirely, or in part, upon control establishe	IC FIELD POSITIONS are dependent in part, upon control established
*FIELD POSITIONS are determined by field obser- vations based entirely upon ground survey meth	OSITIONS are determined by field obser- based entirely upon ground survey methods.		ds.

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TO BE REVISED TO BE DELETED		ng Div. VA	Illinois		Chicago	Chicago Lake ]	Front	June 1	1981	COAST PLOT BRANCH	& REVIEW GRP.
The following objects	Ì		been inspected from seaward to determine their value as landmarks	ward to des	termine thei	r value as	Jandmarks.		87	(See revarse for responsible personnel)	ble personne!)
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	CM-7811	TP_00873	273	N.A.	1927	}		METHOD AN	D DATE	METHOD AND DATE OF LOCATION	
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- 1					47.16		06.10	1 ~	8192	V-VIS	70641
SPIRE				41 40	1455	87-30	141	5/78		18/8/9	-
STACK	Prominent stack recommended added as new landmark	mended	to be ´	41 40	24.12	87-29	51.53	78 S(P) 8 6/5/78	8192	V-VIS 6/8/81	ŧ
STACK	Commonwealth Edison Easterly Center of S	Co. of In Six	Ind.,	41 42	28.81	87 31	14.92 345	78 S(P) 8 6/5/78	8206	V-VIS 6/11/81	E
STACK	Commonwealth Edison Co. South of Six	of	Ind.,	41 42	27.71 <sup>°</sup> 855	87 31	14.19- 328	78 S(P) 8 6/5/78	8206	V-VIS 6/11/81	Ξ
STACK	*Commonwealth Edison Co.	Co. of Ind.,	,	41 42	30.82 951	87 31	16.61 384	78 S(P) 8 6/5/78	8206	V-VIS 6/11/81	2
STACK '	*Commonwealth Edison Northwest of six	Co. of In	Ind.,	41 42	30.11 · 929	87 31	17.69′ 409	78 S(P) 8 6/5/78	8206	V-VIS 6/11/81	
STACK	*Commonwealth Edison Westerly Center of s	Co. of Insiz	Ind.,	41 42	29.53 <sup>2</sup>	87 31	15.04 <sup>°</sup> 348	78 S(P) 8 6/5/78	8206	V-VIS 6/11/81	:
STACK	*Commonwealth Edison Southwest Center of	Co. of Insiz	Ind.,	41 42	28.78 888	87 31	16.26 376	78 S(P) 8 6/5/78	8206	V-VIS 6/11/81	ž
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Page 2 of 3

	RESPONSIBLE PERSONNEL	PERSONNEL	
TYPE OF ACTION	NAME	ă I	ORIGINATOR
			HYDROGRAPHIC PARTY
OBJECTS INSPECTED FROM SEAWARD			GEODETIC PARTY OTHER (Specify)
			FIELD ACTIVITY REPRESENTATIVE
FUSITIONS DETERMINED AND/OR VERIFIED	Robert R. Kravitz		OFFICE ACTIVITY REPRESENTATIVE
FORMS ORIGINATED BY QUALITY CONTROL AND REVIEW GROUP AND FINAL REVIEW			REVIEWER  REPRESENTATIVE  REPRESENTATIVE
	INSTRUCTIONS FOR ENTRIES UNDER 'METHOD AND DATE O (Consult Photogrammetric Instructions No. 64,	OR ENTRIES UNDER METHOD AND DATE OF LOCATION' (Consult Photogrammetric Instructions No. 64,	
OFFICE 1. OFFICE IDENTIFIED AND LOCATED OBJECTS	ATED OBJECTS	mmetric	field positions** require
Enter the number and date (including month, day, and year) of the photograph used to identify and locate the photograph used to EXAMPLE: 75E(C)6042	(including month, tograph used to bject.	entry of method of lo date of field work ar graph used to locate EXAMPLE: P-8-V 8-12-75 74L(C)2982	method of location or verification, field work and number of the photoed to locate or identify the object.  P-8-V: 8-12-75 74L(C)2982
RMINED ble dat Vis	NED OR VERIFIED  data by symbols as follows: P - Photogrammetric Vis - Visually	II. TRIANGULATION STATION RECOVERED When a landmark or aid which is angulation station is recovered Rec. with date of recovery. EXAMPLE: Triang. Rec. 8-12-75	ON STATION RECOVERED mark or aid which is also a tri-station is recovered, enter 'Triang. date of recovery. rlang. Rec.
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sitions*	require entry of method of of field work.	EXAMPLE: V-Vis. 8-12-75	
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*FIELD POSITIONS are determined by field obser- vations based entirely upon ground survey methods.	ed by field obser- ground survey methods.	by photogrammetric methods	ā.

NOAA FORM 76-40 (8-74)

SUPERSEDES NOAA FORM 78-40 (2-71) WHICH IS OBSOLETE, AND EXISTING STOCK SHOULD BE DESTROYED UPON RECEIPT OF REVISION.

☆ U.S.GPO:1975-0-665-080/1155

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(B-74)	9		-	FAN	IONAL OCE	ANIC AND A	TMOSPHER	C ADMINISTRATION	HYDROGRAPHIC PARTY	ARTY
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TO BE CHARTED		REPORTING UNIT Field Party, Ship or Office)	STATE		LOCALITY			DATE	XX COMPILATION ACTIVITY	14174
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The following objects	ects	VE NOT	been inspected from seaward to determine their value as landmarks	ward to det	ermine their	value as I	andmarks.		(See reverse for responsible personnel)	ible personnel)
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		CM-7811 1	TP-00873	NA 1	1927			METHOD AND DATE OF LOCATION	E OF LOCATION	ļ
					POSITION	NO.	-+	(See manuching on reverse side)	on reverse side)	CHARTS
	-	DESCRIPTION		LATITUDE		LONGITUDE	UDE			AFFECTED
NAME	(Record ross Show triend	Record resson for deletion of landmark or aid to navigation. Show triangulation station names, where applicable, in perentheses)	r aid to navigation. pplicable, in perentheses)	, ,	D.M. Meters	•	D.P. Meters	OFFICE	יוברט	
TANK	America Not of	American Maize Prod. Co., Not of prominent landmark	rk value	41 41	23.47	87 30	58.15 1345	78 S(P) 8193 6/5/78	V-VIS 6/8/81: delete	14927 14926 14929 14905
STACK	America Not of	American Maize Prod. Co., Not of prominent landmark	cod. Co., / landmark value	41 41	21.68	87 31	00.30	78 S(P) 8193 6/5/78	V-VIS 6/8/81 delete	, 11
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FIELD  I. NEW POSITION DETERMINED OR VERIFIED  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  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  *FIELD POSITIONS are determined by field obser-  by photogrammetric methods.	FFICE 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  FIELD (Cont'd)  B. Photograph date of identify and locate the object.  EXAMPLE: 75E(C)6042	INSTRUCTIONS FOR ENTRIES UNDER METHOD AND DATE OF LOCATIO  (Consult Photogrammetric Instructions No. 64)	FORMS ORIGINATED BY QUALITY CONTROL AND REVIEW GROUP AND FINAL REVIEW ACTIVITIES	FOSITIONS DETERMINED AND/OR VERIFIED  Robert R. Kravitz	OBJECTS INSPECTED FROM SEAWARD	TYPE OF ACTION . NAME	RESPONSIBLE PERSONNEL
TRIANGULATION STATION RECOVERED When a landmark or aid which is also a triangulation station is recovered, enter 'Triang. Rec.' with date of recovery. Rec.' Triang. Rec. EXAMPLE: Triang. Rec. 8-12-75 POSITION VERIFIED VISUALLY ON PHOTOGRAPH Enter 'V-Vis.' and date. EXAMPLE: V-Vis. 8-12-75 TOGRAMMETRIC FIELD POSITIONS are dependent irely, or in part, upon control established photogrammetric methods.	ont'd) hotogrammetric field positions** require ntry of method of location or verification, ate of field work and number of the photo- raph used to locate or identify the object.  XAMPLE: P-8-V 74L(C)2982	DATE OF LOCATION'	QUALITY CONTROL AND REVIEW GROUP REPRESENTATIVE	PIELD ACTIVITY REPRESENTATIVE OFFICE ACTIVITY REPRESENTATIVE	☐ PHOTO FIELD PARTY ☐ HYDROGRAPHIC PARTY ☐ GEODETIC PARTY ☐ OTHER (Specify)	ORIGINATOR	

NOAA FORM 70-40 (8-74)

SUPERSEDES NOAA FORM 76-40 (2-71) WHICH IS OBSOLETE, AND EXISTING STOCK SHOULD BE DESTROYED UPON RECEIPT OF REVISION.

☆ U.S.GPO:1975~0-665-080/1155

FORM **C&GS-8352** (3-25-63)

#### NAUTICAL CHART DIVISION

#### **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.

CHART	DATE	CARTOGRAPHER	REMARKS
			Full Part Before After Verification Review Inspection Signed Via
			Drawing No.
			Full Part Before After Verification Review Inspection Signed Via
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