NOAA FORM 76-35 (3-76)						
U.S. DEPARTMENT OF COMMERCE						
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION NATIONAL OCEAN SURVEY						
DECODIDATIVE DEDODE						
DESCRIPTIVE REPORT						
Map No. Edition No.						
TP-00872 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						
LAKE CALUMET						
1978 TO 1981						
REGISTRY IN ARCHIVES						
DATE						

\*U. S. GOVERNMENT FRINTING OFF(CE:1976-669-248

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NOAA FORM 76-36A (3-72) NATIONAL	U. S. DEPARTMENT OF COMMERCE L OCEANIC AND ATMOSPHERIC ADMIN	TYPE OF SURVEY	SURVEY T	р. 00872	2
INTERNAL	L COERNIC AND ATMOSPHERIC ADMIN	ORIGINAL	MAPEDITIO		( <b>1</b> )
		} <u>"</u>			
DESCRIPTIVE RE	PORT - DATA RECORD	RESURVEY	MAP CLASS	Final	-
		REVISED	JOB X	M- <u>CM-</u> 78	<del>11</del>
PHOTOGRAMMETRIC OFFICE		LAST PRECEE	DING MAP EDIT	ION	
Coastal Mapping Div	/1S10N	TYPE OF SURVEY	JOB P	'Н	
OFFICER-IN-CHARGE		ORIGINAL	MAP CLASS		
		RESURVEY	SURVEY DA		
Max Ethridge, LCDR		REVISED	19TO 19	·	
I. INSTRUCTIONS DATED					
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II. DATUMS		OTHER (S-144)			
I. HORIZONTAL:	XX 1927 NORTH AMERICAN	OTHER (Specify)			
<u></u>	MEAN HIGH-WATER	OTHER (Specify)	t T -1	D - 4	
2. VERTICAL:	MEAN LOW-WATER	International Gro (1955) Lake Mich			+m
Z. VERTIONE.	MEAN LOWER LOW-WATER  MEAN SEA LEVEL	(1955) Lake Mich.	rgan Low w	ater pa	i Cum
3, MAP PROJECTION	T MENT VEN EEVEL				
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TP-00872

		CO	APILATION SO	DURCES			
1. COMPILATION PHO	TOGRAPHY		•			· · ·	
CAMERA(S) Wild R.C8	'S'' (S =	152.29 mm)		PHOTOGRAPHY EGEND		TIME REFE	RENCE
(C) COLOR					ZONE		
PREDICTED TIDES			Cent		X STANDARD		
TIDE CONTROLLED PHOTOGRAPHY  (1) INFRARED			MERIDIA 90t		DAYLIGHT		
]		<del>,                                      </del>			901		<u></u>
NUMBER AND	TYPE	DATE	TIME	SCALE		STAGE OF	TIDE
78 S(P) 8207-8: 78 S(P) 8193-8		June 5, 1978 June 5, 1978		1:30,000		A. ee below)	
REMARKS The 1	ske level	at time of	photography	was 579.05	feet or	2.25 fee	t above the
International							
on June 5, 197				,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			
2. SOURCE OF MEAN	HIGH-WATER	LINE:					
ated from the contact on	he above the photo	igh-Water Li listed photo graphs betwe	graphs, and en land & w	l is defined vater.	The "sh as the	oreline" visible 1	was deline- ine of
3. SOURCE OF MEAN LOW-WATER OR MEAN LOWER LOW-WATER LINE:							
Not applicable							
4. CONTEMPORARY	HYDROGRAPI	IIC SURVEYS (List	only those survey	s that are sources	for photogram	metric survey i	niormation.)
SURVEY NUMBER	DATE(S)	SURVEY CO	PY USED SUI	RVEY NUMBER	DATE(S)	SURV	EY COPY USED
5. FINAL JUNCTION							
NORTH	E	AST		UTH .		WEST	
TP-008717		TP-00873	<u> </u>	TP-00875		No surv	rey
REMARKS							
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NOAA FORM 76-36C (3-72)	-	NATIONAL OCEA	U.S.DEPARTME NIC AND ATMOSPHERIC	NT OF COMMERCE ADMINISTRATION			
	TP-00872	•		L OCEAN SURVEY			
HISTORY OF FIELD OPERATIONS							
I. X FIELD INSPECTION OPERATION (Hor. Control) TIELD EDIT OPERATION.							
	PPERATION						
· ·	PERATION	<u> </u>	NAME	DATE			
1. CHIEF OF FIELD PARTY		L. Davis		July 1979			
<u></u>	RECOVERED BY	I. Davis		July 1979			
2. HORIZONTAL CONTROL	ESTABLISHED BY	None		1			
	PRE-MARKED OR IDENTIFIED BY	L. Davis		July 1979			
	RECOVERED BY	Nône					
3. VERTICAL CONTROL	ESTABLISHED BY	None					
	PRE-MARKED OR IDENTIFIED BY	None					
	RECOVERED (Triangulation Stations) BY	None					
4. LANDMARKS AND	LOCATED (Field Methods) BY	None					
AIDS TO NAVIGATION	IDENTIFIED BY	None					
	TYPE OF INVESTIGATION						
5. GEOGRAPHIC NAMES INVESTIGATION	COMPLETE BY		•				
INVESTIGATION	SPECIFIC NAMES ONLY  MO INVESTIGATION						
6. PHOTO INSPECTION	CLARIFICATION OF DETAILS BY	None					
7. BOUNDARIES AND LIMITS	SURVEYED OR IDENTIFIED BY	NA		}			
II. SOURCE DATA  1. HORIZONTAL CONTROL II	DENTIFIED	2. VERTICAL CO	TROL IDENTIFIED	-			
		2					
PHOTO NUMBER	STATION NAME	PHOTO NUMBER	STATION DES	IGNATION			
78 Y(P)4295 OSWALI	D, 1977						
02	,						
		<u> </u>					
3. PHOTO NUMBERS (Clarific	ation of details)						
None							
4. LANDMARKS AND AIDS TO	NAME A TION INCOME.						
4. CANDMARKS AND AIDS TO	NAVIGATION IDENTIFIED						
None							
PHOTO NUMBER	OBJECT NAME	DUOTO NUMBER	05,1567				
THE TOTAL PROPERTY.	OBJECT NAME	PHOTO NUMBER	OBJECT I	TAME			
5. GEOGRAPHIC NAMES:	REPORT NONE	6. BOUNDARY AN	D LIMITS: REPOR	RT 🛣 NONE			
7. SUPPLEMENTAL MAPS AN	ID PLANS						
None None	Sketch Looks at DO NOT the days to	and to the Control	· · · · · · · · · · · · · · · · · · ·				
	Sketch books, etc. DO NOT list data submit	tea to the Geodesy D	ivision)				
1-form 76-	)3 (CS1)						

NOAA FORM 76-36C 3-72)	TP-00872	•	NIC AND ATMOSPHERI	ENT OF COMMERCI C ADMINISTRATIO AL OCEAN SURVE			
HISTORY OF FIELD OPERATIONS  1. FIELD INSPECTION OPERATION							
	PERATION A FIELD		NAME	DATE			
1. CHIEF OF FIELD PARTY		P. Walbolt		Aug. 1981			
	RECOVERED BY	N. Wike & P	. Walbolt	June 1981			
2. HORIZONTAL CONTROL	ESTABLISHED BY	None None		· · · · · · · · · · · · · · · · · · ·			
	PRE-MARKED OR IDENTIFIED BY  RECOVERED BY	None					
3. VERTICAL CONTROL	ESTABLISHED BY	None					
	PRE-MARKED OR IDENTIFIED BY	None					
R	ECOVERED (Triangulation Stations) BY	N. Wike & P	. Walbolt	June 1981			
4. LANDMARKS AND AIDS TO NAVIGATION	LOCATED (Field Methods) BY	C. Middleto	n	July 1981			
AIDS TO MAVIGATION	IDENTIFIED BY	P. Walbolt		June 1981			
F 05455,5005,0005	TYPE OF INVESTIGATION  COMPLETE						
5. GEOGRAPHIC NAMES INVESTIGATION	SPECIFIC NAMES ONLY						
	KX NO INVESTIGATION						
6. PHOTO INSPECTION	CLARIFICATION OF DETAILS BY	N. Wike & P	. Walbolt	June 1981			
7. BOUNDARIES AND LIMITS	SURVEYED OR IDENTIFIED BY	NA					
II. SOURCE DATA							
1. HORIZONTAL CONTROL IDE	ENTIFIED	2. VERTICAL CON	TROL IDENTIFIED				
None None	· · · · · · · · · · · · · · · · · · ·	No	ne				
PHOTO NUMBER	ST A TION NAME	PHOTO NUMBER	STATION DE	SIGNATION			
			-				
3. PHOTO NUMBERS (Clarificat	tion of details)	J.,					
78 S(P) 8194, 8206, 8208							
4. LANDMARKS AND AIDS TO	NAVIGATION IDENTIFIED	···					
See below							
PHOTO NUMBER	OBJECT NAME	PHOTO NUMBER	OBJECT	NAME			
78 S(P) 8194 STACK (1:10,000 scale)							
5. GEOGRAPHIC NAMES:	REPORT X NONE	6. BOUNDARY AN	D LIMITS: REPO	ORT X NONE			
7. SUPPLEMENTAL MAPS AND	· · · · · · · · · · · · · · · · · · ·						
None		•					
1 Form 76-6/ (Tra 6 Forms 76-40 1 Film master fie	eld edit print	ted to the Geodesy D	livision)				
1 Field edit Repo	ort						

NOAA FORM 76-36D

(3-72)

TP-00872

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

RECORD OF SURVEY USE							
I. MANUSC	MANUSCRIPT COPIES						
	Col	APILATION STAGES	<u> </u>		DATE MANUSCRI	PT FORWARDED	
C	ATA COMPILED	DATE	RE	MARK\$	MARINE CHARTS	HYDRO SUPPORT	
-	ation complete g field edit	March 1981	Class II Supers	I manuscript eded	None	Nóne '	
	Edit Applied ation Complete	March 1982	Class I	manuscript	None	None	
Final	Review	August 1982	Final M	ap	Jan 7, 198 <b>3</b>	None	
<b>,</b>			·				
II. LANDM	ARKS AND AIDS TO NAVIGA	TION					
1. REPO	ORTS TO MARINE CHART DI	VISION, NAUTICAL	DATA BRANCH				
NUMBER (pages)	CHART LETTER Number Assigned	DATE FORWARDED		REN	IARKS		
1_		Jan 7, 198 <b>3</b>	Aids to b	e charted	1		
3		П	Landmarks	to be charte	<u>∍đ</u>		
1		п	Landmarks	to be delete	≥d		
					-		
					-		
2. REPORT TO MARINE CHART DIVISION, COAST PILOT BRANCH. DATE FORWARDED:							
III. FEDERAL RECORDS CENTER DATA							
1. X BRIDGING PHOTOGRAPHS; XX DUPLICATE BRIDGING REPORT; X COMPUTER READOUTS.  2. X CONTROL STATION IDENTIFICATION CARDS; FORM NOS SUBMITTED BY FIELD PARTIES. (Forms 76-40)  3. X SOURCE DATA (except for Geographic Names Report) AS LISTED IN SECTION II, NOAA FORM 76-36C.  ACCOUNT FOR EXCEPTIONS:							
		•		SEPTEMB	ER 1983		
	DATA TO FEDERAL RECOF					_	
IV. SURVE	Y EDITIONS (This section s SURVEY NUMBER	hall be completed ea		o edition is registere	TYPE OF SURVEY		
SECOND	TP -	(2) PH -		□ RE		SURVEY	
EDITION	DATE OF PHOTOGRAPH	Y DATE OF FI	ELD EDIT	□n. □m.	MAP CLASS	FINAL	
	SURVEY NUMBER	JOB NUMBER	R .	_	TYPE OF SURVEY		
THIRD	TP -	(3) PH		ļ ∐ R€		BURVEY	
EDITION	DATE OF PHOTOGRAPI			Dn. Dm.		FINAL	
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EDITION	DATE OF PROTOGRAPH	DA!E OF F!	EFO EOI I		MAP CLASS . □iV. □v.	DFINAL	

# SUMMARY TO ACCOMPANY DESCRIPTIVE REPORT

### TP-00872

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 industrial waterway of Calumet River as it extends from Lake Michigan to Lake Calumet.

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 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-00872

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 walk-ways.

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.

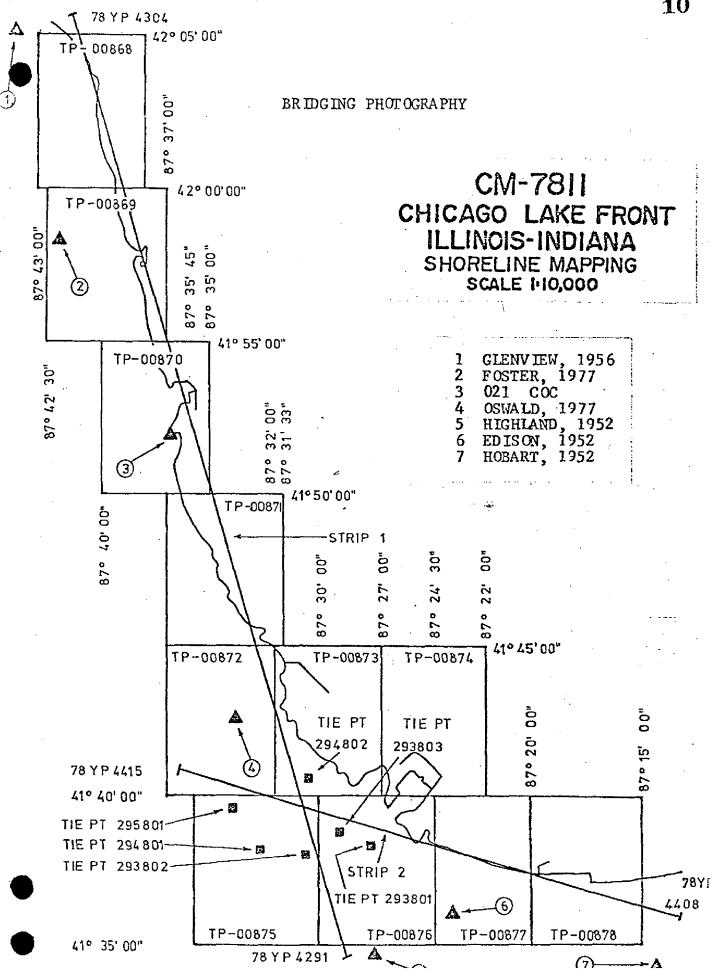
Robert B. Kelly

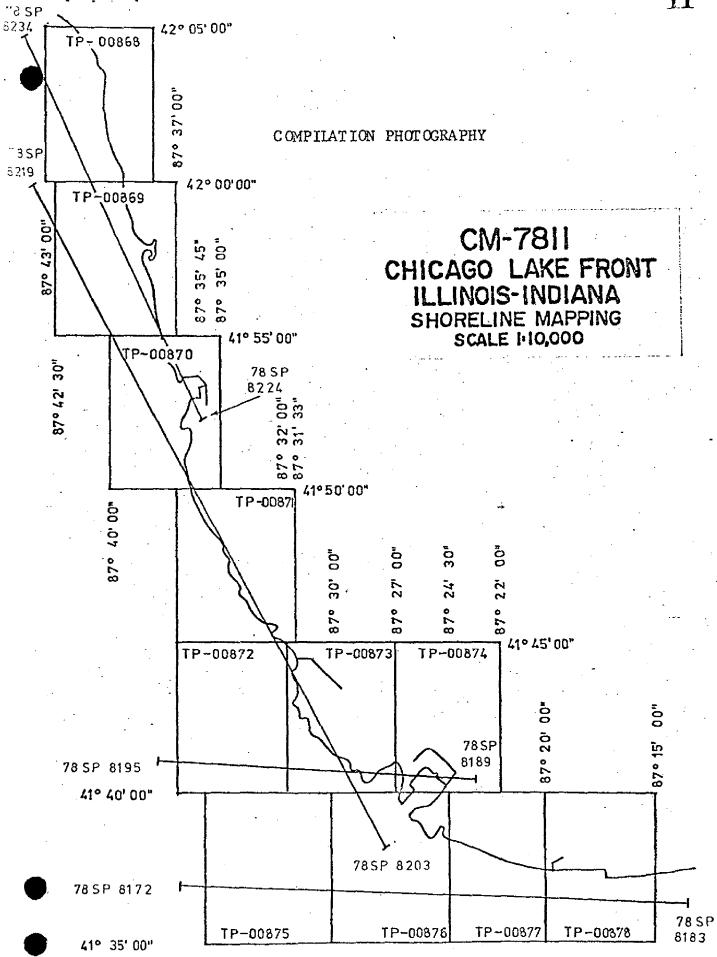
d:

Approved and Forwarded:

Don O. Norman

Chief, Aerotriangulation Section





# CLOUSURES TO CONTROL

# STRIP 1

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

# STRIP 2

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

NOAA FORM 76-41 (6-75)		DESCRIPTIV	SCRIPTIVE REPORT CONTROL RECORD		U.S. DEPARTMENT OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
MAP NO. TP-00872	JOB NO. CM-7811		GEODETIC DATUM NA 1927	Coastal Mapping AMC. Norfolk, VA	Ing Division VA
STATION NAME	SOURCE OF	AEROTRI- ANGULATION	COORDINATES IN FEET STATE	GEOGRAPHIC POSITION	REMARKS
	(Index)	POINT	ZONE East	λ ιοναιτύσε	
CHICAGO, ST. MICHAELS SOUTH	G-16005	-	, = <b>X</b>	\$41°44'41.393"	
<u> </u>	TSN-138	119	<i>i</i> / <sub>0</sub> = <i>i</i> / <sub>0</sub>	187032151.454"	
CHICAGO, IMMACULATE CONCEP-	G-16005		-χ	\$41044'08.737"	
TION CHURCH CUPOLA, 1977	-140		-h	λ87033'05.566"	
CHICAGO, ARGON ELECTRIC	6-16005		±χ=	\$41°44'12.788"	
KADIO 10WEK, 19//	-141		zĥ.	187035'44.362"	
CHICAGO, VERSON: PRESS	G-16005	125	≠X	\$41043'25.663"	
	-144	158	y=	λ87035'20.406"	
CHICAGO, ELECTRO DIVISION,	G-16005		zχ	\$41042'29.243"	
TANK, 1977	-146		zh.	187035'54.957"	
CHICAGO, INTERCONTINENTAL	G-16005		<i>*</i> χ=	\$41041'39.298"	
TOWER, 1977	-148		=ħ	λ87 <sup>0</sup> 36'31.782"′	
CHICAGO, SHERWIN WILLIAMS	G-16005		±χ=	\$41°41'07.073"	
TANK, 1972 7	-149	134	y=	λ 87036'22.752"	
CHICAGO, CARGILL TANK, 1977	G-16005		=χ	\$41°40'32.322"	
	1–153	135	<i>h=</i>	λ87033'22.684"~	
LLO. (************************************	G-16005		x = 709,719.90	\$41°42'28.334"	
OSWALD, 1977	TSN-520	415100	y=1,837,039.46	λ87033'55.079"	
	_		<i>≠</i> χ	ф	
			y=	Υ	
COMPUTED BY A. Rauck, Jr.		DATE 5/12/80	COMPUTATION CHECKED BY	F. Margiotta	DATE May 13, 1980
1		5/5/80	LISTING CHECKED BY	F. Margiotta	DATE May 12, 1980
HAND PLOTTING BY		5/22/80	HAND PLOTTING CHECKED BY	n Butler	
OUBTITA I		SUPERSEDES N	SUPERSEDES NOAA FORM 75-41, 2-71 EDITION WHICH IS OBSOLETE.	CH IS OBSOLETE.	

### COMPILATION REPORT

### TP-00872

### 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 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.

### 37. LANDMARKS AND AIDS

Preliminary 76-40 forms consisting of 1 page of Navigational Aids and 5 pages of Landmarks for Charts were prepared for field edit.

### 38. CONTROL FOR FUTURE SURVEYS

None

### TP-00872

### 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

Comparison was made with U.S.G.S. quadrangle, Lake Calumet, Illinois-Indiana, 1:24,000, 1965, photorevised 1973.

### 47. COMPARISON WITH NAUTICAL CHARTS

Comparison was made with N.O.S. Chart No. 14926, scale 1:10,000, dated July 24, 1976, 3rd edition; and No. 14929, scale 1:15,000, dated January 27, 1979, 16th edition; and No. 14927, scale 1:60,000, dated May 5, 1979.

### ITEMS TO BE APPLIED TO NAUTICAL CHARTS IMMEDIATELY

None

### ITEMS TO BE CARRIED FORWARD

None

Submitted by:

Jeffery C. Moler Cartographer

Date: October 1980

Approved:

J. L. Byrd, Jr.

Chief, Coastal Mapping Section

## ADDENDUM TO THE COMPILATION REPORT

TP-00872

## FIELD EDIT

Field edit was adequate; no unusual problems were encountered during application.

FIELD EDIT REPORT
TP-00872 LAKE CALUMET
CM-7811 CHICAGO LAKE FRONT
ILLINOIS - INDIANA

### 51. METHODS

This Map was edited by truck, by boat, and on foot. The questions were all investigated thoroughly, and are answered in the appropriate manner.

### 52. ADEQUACY OF COMPILATION

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

### 54. RECOMMENDATIONS

A few areas that are questioned are undergoing constant change, it is not possible to show a permanent outline of them.

### 56. GEOGRAPHIC NAMES

No changes were incountered on this Map.

### 57. LANDMARKS AND AIDS

The position for a private rear range light is included in the data; however, the traverse data for this location is found with the data from Map TP-00873.

All Landmarks were inspected by skiff from seaward. In accordance with the "Special Note for the Field Editor Regarding Landmarks", eighteen (18) Landmarks are deleted for various reasons. Two very prominent Stacks are recommended for charting. All are submitted correctly on the Form 76-40.

### 58. FIELD EDITOR

Field Edit was by P. B. Walbolt.

25 August 1981 Submitted by:

Philip B. Wal

Philip B. Walbolt Chief, Photo Party 63

### REVIEW REPORT TP-00872

#### SHORELINE

#### 61. GENERAL STATEMENT:

Refer to the Summary included in this Descriptive Report.

### COMPARISON WITH REGISTERED TOPOGRAPHIC SURVEYS:

Not applicable

#### 63. COMPARISON WITH MAPS OF OTHER AGENCIES:

A comparison was made with U.S.G.S. quadrangle Lake Calumet, Illinois-Indiana, 1:24,000 scale, dated 1965, photorevised 1973. 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 14929, 16th edition, 1:15,000 scale, dated January 27, 1979 14927, 17th edition, 1:60,000 scale, dated May 5, 1979

The field editor was specifically instructed to determine the nautical value of the numerous charted landmarks concurrent with this map. The basic seaward inspection along with a logical evaluation was conducted in order to minimize the number of ineffective "landmarks" and to portray only those that serve as prominent features beneficial to mariners. Consequently, several charted landmarks were recommended for deletion.

### 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

Gerry L. Hannel

Final Reviewer

### REVIEW REPORT TP-00872

### SHORELINE

Approved:

Billy H. Barnes

Chief, Photogrammetric Branch, AMC

Approved:

Photogrammetric Branch, Rockville Chief, Photogrammetry Division

Laurence W. Fut

### GEOGRAPHIC NAMES

### FINAL NAME SHEET

CM-7811 (Chicago Lakefront, Illinois-Indiana)

TP-00872

Calumet River

Chicago

Conrail (RR)

Lake Calumet

Norfolk and Western (RR)

North Slip

South Chicago

South Deering

South Slip

Turning Basin Number One

Turning Basin Number Three

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

75 1100 7 1 1011	ç			190	ARTMENT OF COMMFRCE	VTIVITA SKITANISIAO	CTIVITY
(8-74)			NATIONAL O	CEANIC AND ATMOS	NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION	HYDROGRAPHIC PARTY	ARTY
Replaces C&GS Form 567	m 567.	NONFLOATING AIDS	FOR C	FOR CHARTS		GEODETIC PARTY PHOTO FIELD PARTY	<u></u>
XXTO BE CHARTED TO BE REVISED	TED REPORTING UNIT (Field Party, Ship or Office)	STATE	LOCALITY	۲	DATE	COMPILATION ACTIVITY	Y11Y
TO BE DELETED	^	Illinois		Chicago Lake Front	t May 1981	CONTROL & REVIEW CAP.	NOT
The following	HAVE X HAVE NO	been inspected	ward to determine t	from seaward to determine their value as landmarks.	arks.	(See reverse for responsible personnel)	ible personnel)
OPR PROJECT NO.	eor		DATUM				
			NA 1927		METHOD AND DATE OF LOCATION	TE OF LOCATION	
	CM-7811	TP-00872	PO	POSITION	(See instructions on reverse side)	on reverse side)	CHARTS
	XO.Tel a Corto		LATITUDE	LONGITUDE			AFFECTED
CHARTING	(Record reason for deletion of landmark or aid to navigation. Show triangulation stationnames, where applicable, in parentheses)	k or aid to navigation. e applicable, in perentheses)	O / D.M.Meters	rs o / D.P. Meters	OFFICE	FIELD	
			32 58				
LIGHT	North Slip Range Rear Light	١	41 44 1004	87 32 02.67 62	7 -	F-2-6-L 7/22/81	14926
LIGHT *	Continental Light	Oil Company Dock West	41 43.1	87 32.6	UNVERIFIED	6/10/81 Delete	14926
* LESIT	Continental Oil Light	Company Dock East	41 42.9	87 32.6	UNVERIFIED	6/10/81 / Delete	14926
*	Lights no longer exist	nor are they					
	in the Light	ш					
					-		
			,				
		-					
						,	
	-						·
						Page 1 of 5	ANY.

1 - Triangulation 5 - Field identified 2 - Traverse 6 - Theodolite 3 - Intersection 7 - Planetable 4 - Resection 8 - Sextant A. Field positions* require entry of met location and date of field work. EXAMPLE: F-2-6-L 8-12-75	RMINED ble dat p - Vís	OFFICE 1. OFFICE IDENTIFIED AND LOCATED OBJECTS 2. OFFICE IDENTIFIED AND LOCATED OBJECTS 2. Enter the number and date (including month, day, and year) of the photograph used to identify and locate the bject.  2. EXAMPLE: 75E(C)6042  8-12-75	INSTRUCTIO	FORMS ORIGINATED BY QUALITY CONTROL AND REVIEW GROUP AND FINAL REVIEW ACTIVITIES	P. Wa.	OBJECTS INSPECTED FROM SEAWARD P. Walbolt	TYPE OF ACTION	
method of  ***PHOTOGRAMMETR entirely, or by photogramm	s as follows: tric tric EXAMPLE:	FIELD (Cont'd) B. Photogramm entry of m date of fi graph used EXAMPLE:	INSTRUCTIONS FOR ENTRIES UNDER 'METHOD AND DATE OF LOCATION' (Consult Photogrammetric Instructions No. 64,		Walbolt Mozgala	bolt	ZAME	RESPONSIBLE PERSONNEL
VERIFIED VISUALLY ON PHOTOGRAPH Vis. and date. V-Vis. 8-12-75 8-12-75 RIC FIELD POSITIONS are dependent in part, upon control established metric methods.	ION STATION RECOVERED  dmark or aid which is also a tri- station is recovered, enter 'Triang. date of recovery. Triang. Rec.	<pre>mmetric field positions** require   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</pre>		REVIEWER     QUALITY CONTROL AND REVIEW GROUP     REPRESENTATIVE	OFFICE ACTIVITY REPRESENTATIVE	XX PHOTO FIELD PARTY  GEODETIC PARTY  OTHER (Specify)	ORIGINATOR	

SUPERSEDES NOAA FORM 76-40 (2-7)) WHICH IS OBSOLETE, AND EXISTING STOCK SHOULD BE DESTROYED UPON RECEIPT OF REVISION.

NOAA FORM 76-40	40		ž	TIONAL OCE	U ANIC AND	S. DEPARTI	MENT OF COMMERCE	ORIGINATING ACTIVITY	CTIVITY
Replaces C&GS Form 567.	т 567.		IDMARKS	FOR CH	ARTS		LANDWARKS FOR CHARTS	GEODETIC PARTY PHOTO FIELD PARTY	
X TO BE CHARTED	TED REPORTING UNIT	STATE		LOCALITY			DATE	COMPILATION ACTIVITY	V11Y
TO BE DELETED	_	lu.   Illinois	ν.	Chicago	so Lake	Front	May 1981	OUALITY CONTROL & REVIEW GRP	NEW GRP.
The following a	HAVE X HAVE NOT	been inspected from se	-	termine the	ir value as	landmarks.		(See reverse for responsible personnel)	ible personnel)
OPR PROJECT NO.	JOB NUMBER	URVEY NUMBER	DATUM						
			NA	1927			METHOD AND DATE OF LOCATION	E OF LOCATION	
	CM-7811	TP-00872		POSITION	NOI		(See Instructions on reverse side)	on reverse side)	CHARTS
	DESCRIPTION		LATI	LATITUDE	LONG	LONGITUDE			AFFECTED
CHARTING	(Record reason for defetion of landmark or aid to navigation. Show triangulation station names, where applicable, in parentheses	or aid to navigation. applicable, in parentheses	•	D.M. Meters	•	D.P. Meters	OFFICE	FIELD	
CDIDE	S stackath At Manage	South Church		41.393	1		78 S(P) 8208		14929
			41 44		87 32		8//5/9	1r1ang. kec. 5/26/81	14929 14905
,	Nowth 11 C Storl			56.43	1	09.26	78 S(P) 8207	SIA-A	=
SIACK			41 43	1741	87 32	214	6/5/78	5/26/81	<u> </u>
240 4 00 0			41 43	53.64	87 32	08.00	78 S(P) 8207	SIA-A	=
SIACK	South, U.S. Steel	•	٢	1655		185	6/5/78	5/26/81	
cTI )	Northeast Dundee Cement	ot Go.	41 43	19.16	87 32	39.24	78 S(P) 8207	SIA-A	
0710	a l	)		591		907	6/5/78	5/26/81	Ξ
STID	Conthuset Dunder Coment		41 43	18.77	87 32	39.63	78 S(P) 8207	V-VIS	=
Отте	oning.	1		579		916	/5/78	5/26/81	
. ADV #10	Morb Lobod Limo Company		41 49	22.69	ZE 28	38.32 5	78 S(P) 8207	_	
o then				700		886	6/5/78	5/2//81	
			41 41	26.71	87 32	49.81	78 S(P) 8193	V-VIS	=
STACK	Republic Steel			824		1152	8//c/q	10//7/6	
GAS HOLDER	Republic Steel		17 17	18.54	ZE 28	58.33	78 S(P) 8193	V-VIS	=
	!		۲	572		1349	6/5/78	5/2//81	
TANK	(Chicago Carpill Tank	1977)	07 17	32.322	87 33	22.684	78 S(P) 8193	Triang Rec.	=
YMWT	110		1		- 1		8//5/9	5/2//81	
, Aυν LS	 	Tochonotor		15.20		06.79	78 S(P) 8195	V-VIS /	E
CIACA	or clites,	100000000000000000000000000000000000000	41 42	697	8/35	157	8//6/9		
								Page 2 of 5	14/6/

Page 2 of

*FIELD POSITIONS are determined by field obser- vations based entirely upon ground survey methods.	location and date EXAMPLE: F-2-6-L8-12-75	Field positions*	F 1	ation 5 - 6 -	F - Fleid F - Fi L - Located Vis - V - Verified	ION DETERMINED	8-12-75		Enter the number and date (including month, day, and year) of the photograph used to	OFFICE IDENTIFIED AND LOCATED OBJECTS		ACTIVITIES	FORMS ORIGINATED BY QUALITY CONTROL. AND REVIEW GROUP AND FINAL REVIEW		CONTRACTOR DETERMINED AND/OR VERIFIED		OBJECTS INSPECTED FROM SEAWARD		TYPE OF ACTION		
od by field obser- ground survey methods.		require entry of method of	Planetable Sextant	Field identified Theodolite	- Visually	R VERIFIED by symbols as follows:		the ∨bject. 2	(including month,	ATED OBJECTS	INSTRUCTIONS FOR ENTRIES UNDER 'METHOD AND DATE O (Consult Photogrammetric Instructions No. 64,			M. Mozgala	P. Walbolt	P. Walbolt		;	NAME	RESPONSIBLE PERSONNEL	
=	**PHOTOGRAMMETRIC FIELD PO	V-Vis.	<pre>III. POSITION VERIFIED VISUALLY Enter 'V+Vis.' and date.</pre>	8-12-75	<b>∞</b> " _	ION STAT			entry of date of f	<pre>FIELD (Cont'd) B. Photogrammetric fie</pre>	OR ENTRIES UNDER 'METHOD AND DATE OF LOCATION' (Consult Photogrammetric Instructions No. 64,						-			PERSONNEL	
ds.	IC FIELD POSITIONS are dependent in part, upon control established		ISUALLY ON PHOTOGRAPH date.		is recovered, enter irlang. recovery. ec.	also a		the	""	field positions** require		REPRESENTATIVE	QUALITY CONTROL AND REVIEW GROUP	OFFICE ACTIVITY REPRESENTATIVE	FIELD ACTIVITY REPRESENTATIVE	OTHER (Specify)	GEODETIC BARTY	HYDROGRAPHIC PARTY	ORIGINATOR		

SUPERSEDES NOAA FORM 75-40 (2-71) WHICH IS OBSOLETE, AND EXISTING STOCK SHOULD BE DESTROYED UPON RECEIPT OF REVISION.

NOAA FORM 76-40 (8-74)	40		LAN	IONAL OCEANIC	U.S. DEI	U.S. DEPARTMENT OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION		HYDROGRAPHIC PARTY	RTY
Replaces C&GS Form 567	Form 567.	LANG	OMARKS	LANDWARKS FOR CHARTS	ر.			GEODETIC PARTY	·
X TO BE CHARTED	TED REPORTING UNIT	STATE		LOCALITY		DATE		COMPILATION ACTIVITY	, t-i>
TO BE REVISED TO BE DELETED		Division Tilinois		Chicago	Lake	Front May 19	1981	CINAL REVIEWER QUALITY CONTROL & REVIEW GRP COAST PILOT BRANCH	& REVIEW GRP. CH
The following objects	HAVE X HAVE NO		rward to de	determine their value as landmarks	ue as landa	orks.	See	(See reverse for responsible personnel)	le personnel)
OPR PROJECT NO		SURVEY NUMBER DATUM	DATUM						
	CM-7811	TP-00872	_	NA 1927		METHOD AND DATE OF LOCATION	D DATE OF	LOCATION	
						(See instru	(See instructions on reverse side)	rorse side)	CHARTS
	OLGIAOSAG		LATITUDE		LONGITUDE		<b></b>		AFFECTED
CHARTING	Record reason for deletion of landmark or aid to navigation. Show triangulation station names, where applicable, in perenti	rk or aid to navigation. re applicable, in perentheses)	1 .0	D.M. Meters	/ D.P. Meters	OFFICE		FIELD	
			1		05.49	78 S(P)	8195 V-VIS	7IS	14926 14927
STACK	Center of three, Calumet Plant	met Incinerator	75 15	797	35 127	6/5/78	5/2	5/26/81	14929 14905
	,				04.24	78 S(P)	8195 V-VIS	SI.	=
STACK	Easterly of three, Ca.	Calumet Incinerator	41 42	/8 697	36 cr	6/5/78	5/2	5/26/81	
	,		ļ ·	,	40.9	5 78 S(P)	8193 V-VIS	SI	
STACK	North, Interlake, Inc.	•	41 41	.574	33 947	6/5/78		5/27/81	-
STACK	South, Interlake, Inc.				40.86	78 S(P)	8193 V-VIS	SI,	, =
			7 † T	200	33 945	6/5/78	5/2	5/27/81	
:			l		59.88	78 S(P)	8193 V-VIS	SI	Ξ
TANK	Allied Chem. Corp.		41 40	989	32 1385	6/5/78		5/27/81	
	,		41 40	05.83 87	35, 24.29	78 S(P)	8195 V-VIS	SI	
ELEV	Commonwealth Grain Co.				562	6/5/78		5/26/81	Ε.
FIFV	Commonwealth Grain Co		07 17	76.00	35 23.86	78 S(P)	8195   V-VIS	, IS	=
					552	6/5//8	5/5	5/26/81	
GAS HOLDER	Interlake Inc.		41 41	42.53	33 13.41	78 S(P)	8193 V-VIS	SI,	· <u>=</u>
					310	5/78	_	5/27/81	
			77 77	42.46 87	33, 14.66	78 S(P)	$8193 \mid_{V-VIS}$	IS.	, E
STACK	Interlake Inc.			1310	339		5/2	5/27/81	
STACK	Republic Steel, white of strobe lights shows	e cement, 2 sets ws well from sea-	41 41	34.97	32 50.94	4	F-7	F-7-L 78 S(P) 8194	**
	ייייי דיייי	. (9),		1079	1178		179		
								Page 3 of 5	ALC!

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*FIELD POSITIONS are determined by field obser- vations based entirely upon ground survey methods.	EXAMPLE: F-2-6-L 8-12-75	sitions*	- Intersection 7 - Resection 8 -	1 1	DETERMI plicable		identify and locate the object. EXAMPLE: 75E(C)6042 8-12-75	<ol> <li>OFFICE (DENTIFIED AND LOCATED OBJECTS         Enter the number and date (including month,         day, and year) of the photograph used to</li> </ol>	OFF1CE	,	AND FINAL REVIEW	FORMS ORIGINATED BY QUALITY CONTROL	FOST TONS DETERMINED AND/OR VERTICAL			OBJECTS INSPECTED FROM SEAWARD		TYPE OF ACTION	
ed by field obser-		require entry of method of sof field work.	Planetable Sextant	Field identified Theodolite	NED OR VERIFIED  data by symbols as follows: P - Photogrammetric Vis - Visually			ATED OBJECTS (including month,		INSTRUCTIONS FOR ENTRIES UNDER 'METHOD AND DATE O (Consult Photogrammetric Instructions No. 64,			M. Mozgala	P. Walbolt	P. Walbolt		÷	NAME	RESPONSIBLE PERSONNEL
by photogrammetric methods.	**PHOTOGRAMMETRIC FIELD POSITIONS are dependent entirely, or in part, upon control establishe	8-12-75	+	8-12-75	II. TRIANGULATION STATION RECOVERED When a landmark or aid which is angulation station is recovered Rec. with date of recovery.	/4L(t)/29	sed.	B. Photogrammetric Tile entry of method of date of field work	(Cont'd)	OR ENTRIES UNDER 'METHOD AND DATE OF LOCATION' (Consult Photogrammetric Instructions No. 64,								m .	PERSONNEL
ods.	POSITIONS are dependent upon control established		SUALLY ON PHOTOGRAPH		ION STATION RECOVERED station is recovered, enter 'Triang. date of recovery.	82	to locate or identify the object. 3-8-V 3-12-75 3-16 70082	<pre>mmmetric rield positions** require method of location or verification, field work and number of the photo-</pre>			QUALITY CONTROL AND REVIEW GROUP REPRESENTATIVE	REVIEWER	OFFICE ACTIVITY REPRESENTATIVE	FIELD ACTIVITY REPRESENTATIVE	OTHER (Specity)	OF CONTY	HYDROGRAPHIC PARTY	ORIGINATOR	

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

NOAA FORM 76-40	. 04			TA X	IONAL OCE	U.S ANICAND A	. DEPARTM TMOSPHER	U.S. DEPARTMENT OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION	ORIGINATING ACTIVITY	CTIVITY
Replaces Ches Form 567	567		LAND	MARKS	LANDWARKS FOR CHARTS	RTS			GEODETIC PARTY	-
neplaces codes i	٠, ۲				21.			2440	PHOTO FIELD PARTY	; } :
X TO BE CHARTED	TEO   REPORTING UNIT	or Office)	N + H		LOCALII	,		ר אינ אינ	EINAL REVIEWER	
TO BE DELETED		oping prv. k. VA	Illinois		Chicago	o Lake	Front	June 1981	COAST PILOT BRANCH	REVIEW GRP.
The following a	ĮΞ		been inspected from seaward to determine their value as landmarks.	ward to de	termine their	r value as	andmarks.		(See reverse for responsible personnel)	ible personnel)
OPR PROJECT NO.	1	Γ	NUMBER	DATUM						
	CN-7811	TP-00872	3872	NA	1927			METHOD AND DATE OF LOCATION	TE OF LOCATION	
		<b>.</b>			POSITION	8		(See instructions on reverse aide)	on reverse side)	CHARTS
	Sad	DESCRIPTION		LATITUDE	agn.	LONGITUDE	UDE			AFFECTED
CHARTING	(Record reason for deletion of landmark or aid to navigation. Show triangulation station names, where applicable, in perentheses)	f lendmark or aid to mos, where applicable	navigation. le, in perentheses)	/ 0	// D.M.Meters	,	// D.P. Meters	OFFICE	FIELD	
STACK	U.S. Steel, prom mended for chart	Steel, prominent stack recom-	recom- ndmark.	41 44	46.38	87 32	02,38 <sup>-</sup> 55	78 S(P) 8208 6/5/78	V-VIS 10 June 1981	14926   4927   4929   14905
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		·							Page 4 of 5	Alb

*FIELD POSITIONS are determined	EXAMPLE: F-2-6-L 8-12-75	sitions*	- Intersection 7 - Resection 8 -	V - Veritied 1 - Triangulation 5 - Fi 2 - Traverse 6 - Th	DETERMI plicable	EXAMPLE: 75E(C)6042 8-12-75	਼ੇ ਨ	OFFICE   DENTIFIED AND LOCATED OBJECTS	IN.		AND REVIEW GROUP AND FINAL REVIEW	COST I CAS DE LECATIVED CARE, CAS SERVICES MA	P.	P.	OBJECTS INSPECTED FROM SEAWARD		TYPE OF ACTION	
FIELD POSITIONS are determined by field obser-		require entry of method of e of field work.	Planetable Sextant	Field identified Theodolite	NED OR VERIFIED  data by symbols as follows: P - Photogrammetric Vis - Visually		(including month, ograph used to ject.	· 	INSTRUCTIONS FOR ENTRIES UNDER 'METHOD AND DATE OF (Consult Photogrammetric Instructions No. 64,				. Walbolt	. Walbolt		;	アルまの	RESPONSIBLE PERSONNEL
by photogrammetric methods.	**PHOTOGRAMMETRIC FIELD POSITIONS are dependent entirely, or in part, upon control establishe	EXAMPLE: V-Vis. 8-12-75	<u> </u>	8-12-75	_then 2 = 1	EXAMPLE: P-8-V 8-12-75 74L(C)2982	entry of method of date of field work graph used to locat	FIELD (Cont <sup>1</sup> d)  B. Photogrammetric field positions**	Instructions No. 64,									RSONNEL
ds.	<pre>(IC FIELD POS!TIONS are dependent in part, upon control established</pre>		te.		ION STATION RECOVERED station is recovered, enter 'Triang. date of recovery.	Ŋ	entry of method of location or verification, date of field work and number of the photograph used to locate or identify the object.	eld positions** require		REPRESENTATIVE	DUALITY CONTROL AND REVIEW GROUP	OFFICE ACTIVITY REPRESENTATIVE	FIELD ACTIVITY REPRESENTATIVE	OTHER (Specify)	GEODETIC BARTY	HYDROGRAPHIC PARTY	ORIGINATOR	

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

NOAA FORM 76-40	40					U.S. DEP	U.S. DEPARTMENT OF COMMERCE	ORIGINATING ACTIVITY	CTIVITY
(8-74)				NATIONAL OCEANIC	TONAL OCE	ANIC AND ATMOSF	HERIC ADMINISTRATION	HYDROGRAPHIC PARTY	ARTY
Replaces C&GS Form 567	. [		1	CAARRO	יוטא אטר	K   3		PHOTO FIELD PART	, t
TO BE CHARTED TO BE REVISED		REPORTING UNIT Field Perry, Ship or Office/ Coastal Mapping Div	STATE		LOCALITY		DATE	COMPLIATION ACTIVITY	1V1TY
TO BE DELETED		Norfolk, VA	Illinois	S	Chica	Chicago Lake Front	ıt May 1981	COAST PILOT BRANCH	ZOZ FOLKA
The following objects	ects HA		been inspected from seaward to determine their value as landmarks	tword to det	termine the	ir value as landma	rks.	(See reverse for responsible personnel)	ible personnel)
OPR PROJECT NO.			SURVEY NUMBER				i :		
	CM-7811		TP-00872	NA 1	1927 POSITION	NOI	METHOD AND DATE OF LOCATION (See instructions on reverse side)	on reverse side)	CHARTS
		NO. FOR OUR DE		LATITUDE	UDE	LONGITUDE			AFFECTED
CHARTING	(Record reason for deli Show triengulationsta	(Record reseon for deletion of landnark or aid to navigation Show triangulation station names, where applicable, in perent	Record resson for deletion of landmark or aid to navigation. Show triangulation station names, where applicable, in perentheses)	,	// D.M.Meters	O / D.P. Meters	OFFICE	FIELD	
TANK	No longer exi	exists		41 43.6		87 32.2	78 S(P) 8207 6/5/78	5/27/81 Destroyed	14926 14927 14929 14905
GAS HOLDER	Peoples Gas Light No longer exis	ight and Coke exists	. Co.	41 43.2		87 32.8	Unverified	5/27/81 Destroyed	14926
STACK	Commonwealth E Bldg. & Stack	dison Co.	(West) by fire	41 42.9		87 32.8		.5/27/81 Destroyed	14926
STACK	Commonwealth Edison Co. Bldg. & Stack destroyed		(East) by fire	41 42.9		87 32.8	Unverified	5/27/81 Destroyed	14926
STACKS	Republic Steel, there ishable stacks present charted.	are : aŝ	No 4 distingu- currently	41 41.2		87 32.8		Delete June 11, 1981	14926
S'PIPE	Republic Steel	l Corp., does not	not exist.	41 40.7		87 33.1	78 S(P) 8193 6/5/78	6/11/81 Destroyed	14926
MARKER	Not visible fo	from seaward		41 44.1		87 32.0		6/4/81 Delete	п
CHYS	Republic Steel Corp., are not of prominent	] &	8 charted chimneys landmark value	41 41.0		87 33.1	78 S(P) 8193 6/5/78	6/11/81 No ldmk.value	<b>e</b> .
								Page 5 of 5	4110

	RESPONSIBLE PERSONNEL	PERSONNEL	
TYPE OF ACTION	NAME	E	ORIGINATOR
			X PHOTO FIELD PARTY  HYDROGRAPHIC PARTY
OBJECTS INSPECTED FROM SEAWARD	P. Walbolt		OTHER (Specify)
	P. Walbolt		FIELD ACTIVITY REPRESENTATIVE
COST CAS OF FRANCE COST CAS OF STA	M. Mozgala		OFFICE ACTIVITY REPRESENTATIVE
FORMS ORIGINATED BY QUALITY CONTROL AND REVIEW GROUP AND FINAL REVIEW ACTIVITIES			REVIEWER     QUALITY CONTROL AND REVIEW GROUP     REPRESENTATIVE
	INSTRUCTIONS FOR ENTRIES UNDER ' (Consult Photogrammet	OR ENTRIES UNDER 'METHOD AND DATE OF LOCATION' (Cansult Photogrammetric Instructions No. 64,	
OFFICE IDENTIFIED AND LOC	ATED OR FECTS		
<ol> <li>OFFICE (DENTIFIED AND LOCATED OBJECTS Enter the number and date (including month, day, and year) of the photograph used to identify and locate the bject. EXAMPLE: 75E(C)6042</li> <li>FIFID</li> </ol>	ATED OBJECTS (including month, tograph used to bject.	Photogram entry of date of f graph use EXAMPLE:	<pre>mmetric field positions** require  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</pre>
FIELD  I. NEW POSITION DETERMINED OR VERIFIED Enter the applicable data by symbols F - Field P - Photogrammet L - Located Vis - Visually V - Verified	OR VERIFIED ta by symbols as follows: Photogrammetric - Visually	II. TRIANGULATION STATION RECOVERED When a landmark or aid which is angulation station is recovered Rec.' with date of recovery. EXAMPLE: Triang. Rec.	ION STATION RECOVERED Imark or aid which is also a tristation is recovered, enter 'Triang. date of recovery.
ation 5 -	Field identified Theodolite	8-12-75	
1 I	Planetable Sextant	•	te.
sitions*	require entry of method of e of field work.	EXAMPLE: V-Vis. 8-12-75	
8-12-75		**PHOTOGRAMMETRIC FIELD POSITIONS are dependent entirely, or in part, upon control establishe	FIELD POSITIONS are dependent part, upon control established
*FIELD POSITIONS are determined by field obser- vations based entirely upon ground survey methods	ed by field obser- ground survey methods.	by photogrammetric methods.	ds.

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

### NAUTICAL CHART DIVISION

### **RECORD OF APPLICATION TO CHARTS**

FILE WITH DESCRIPTIVE REPOR	T 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
			Drawing No.
			Full Part Before After Verification Review Inspection Signed Via
			Drawing No.
			Full Part Before After Verification Review Inspection Signed Via
		,	Drawing No.
		·	Full Part Before After Verification Review Inspection Signed Via
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