

TP- 00652

TP-00652

NOAA FORM 76-35 (3-76) U.S. DEPARTMENT OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION NATIONAL OCEAN SURVEY	
<h1>DESCRIPTIVE REPORT</h1>	
<i>Map No.</i> TP-00652	<i>Edition No.</i> 1
<i>Job No.</i> CM-7812	
<i>Map Classification</i> FINAL, FIELD EDITED MAP	
<i>Type of Survey</i> SHORELINE	
<b>LOCALITY</b>	
<i>State</i> WISCONSIN	
<i>General Locality</i> FOX RIVER, GREEN BAY TO NEENAH	
<i>Locality</i> KIMBERLY	
<div style="border: 1px solid black; padding: 5px; display: inline-block;">           1978 TO 1981         </div>	
<b>REGISTRY IN ARCHIVES</b>	
<b>DATE</b>	

NOAA FORM 76-36A (3-72)		U. S. DEPARTMENT OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMIN.	
<b>DESCRIPTIVE REPORT - DATA RECORD</b>		TYPE OF SURVEY <input checked="" type="checkbox"/> ORIGINAL <input type="checkbox"/> RESURVEY <input type="checkbox"/> REVISED	
PHOTOGRAMMETRIC OFFICE  Coastal Mapping Division, Norfolk, VA		SURVEY TP <u>00652</u>  MAP EDITION NO. (1)  MAP CLASS FINAL  JOB <u>CM-7812</u>	
OFFICER-IN-CHARGE  A. Y. Bryson, CDR		LAST PRECEDING MAP EDITION TYPE OF SURVEY <input type="checkbox"/> ORIGINAL <input type="checkbox"/> RESURVEY <input type="checkbox"/> REVISED  JOB PH. _____ MAP CLASS _____ SURVEY DATES: 19__ TO 19__	
<b>I. INSTRUCTIONS DATED</b>			
<b>1. OFFICE</b>		<b>2. FIELD</b>	
Aerotriangulation      March 31, 1980 Compilation              September 22, 1980		Horizontal Control      June 19, 1978 Field Edit                August 25, 1981	
<b>II. DATUMS</b>			
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  Lambert Conformal Conic		4. GRID(S) STATE      ZONE Wisconsin      Central	
5. SCALE 1:15,000		STATE      ZONE	
<b>III. HISTORY OF OFFICE OPERATIONS</b>			
<b>OPERATIONS</b>		<b>NAME</b>	<b>DATE</b>
1. AEROTRIANGULATION      BY METHOD: Analytic              LANDMARKS AND AIDS BY		B. Thornton	Aug. 1980
2. CONTROL AND BRIDGE POINTS      PLOTTED BY METHOD: Calcomp                      CHECKED BY		B. Thornton B. Thornton	Aug. 1980 Sept. 1980
3. STEREOSCOPIC INSTRUMENT      PLANIMETRY BY COMPILATION                              CHECKED BY INSTRUMENT: Wild B-8                      CONTOURS BY SCALE: 1:15,000                              CHECKED BY		D. Butler F. Margiotta & L. Neterer NA NA	April 1981 April 1981
4. MANUSCRIPT DELINEATION      PLANIMETRY BY CHECKED BY METHOD: Smooth drafted                      CONTOURS BY CHECKED BY SCALE: 1:15,000                      HYDRO SUPPORT DATA BY CHECKED BY		R. Kravitz F. Mauldin NA NA R. Kravitz F. Mauldin	June 1981 July 1981 June 1981 July 1981
5. OFFICE INSPECTION PRIOR TO FIELD EDIT      BY		F. Mauldin	July 1981
6. APPLICATION OF FIELD EDIT DATA      BY		M. Mozgala	April 1982
7. COMPILATION SECTION REVIEW      BY		C. Blood	Aug. 1982
8. FINAL REVIEW      BY		C. Blood	Aug. 1982
9. DATA FORWARDED TO PHOTOGRAMMETRIC BRANCH      BY		J. Hancock	Feb. 1983
10. DATA EXAMINED IN PHOTOGRAMMETRIC BRANCH      BY		J. Hancock	Mar. 1983
11. MAP REGISTERED - COASTAL SURVEY SECTION      BY		Robert Kelly Edward D. Wolfe	June 1983

NOAA FORM 76-36B  
(3-72)U. S. DEPARTMENT OF COMMERCE  
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION  
NATIONAL OCEAN SURVEYTP-00652  
COMPILATION SOURCES

## 1. COMPILATION PHOTOGRAPHY

CAMERA(S) Wild RC-8, E (E = 152.71 mm)		TYPES OF PHOTOGRAPHY LEGEND (C) COLOR (P) PANCHROMATIC (I) INFRARED		TIME REFERENCE	
TIDE STAGE REFERENCE <input type="checkbox"/> PREDICTED TIDES NA <input type="checkbox"/> REFERENCE STATION RECORDS NA <input type="checkbox"/> TIDE CONTROLLED PHOTOGRAPHY NA				ZONE Central MERIDIAN 90th	<input checked="" type="checkbox"/> STANDARD <input type="checkbox"/> DAYLIGHT
NUMBER AND TYPE	DATE	TIME	SCALE	STAGE OF TIDE	
78 E(C) 9813-9820	4/27/78	13:50	1:20,000	NA	

REMARKS \*Lake level at time of photography was 578.53 ft., Lake Michigan Low Water Datum, Green Bay gage, or 1.73 ft. above I.G.L.D.

## 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 on the photographs which mark the contact between land and water.

\*The water level between Lake Winnebago (747.32) and Green Bay (578.53) was 168.79 feet at the time of photography. Consequently, a graphic profile is included on each map. This profile indicates the water level for each pool as a result of the continuous lock system maintained along Fox River.

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

Not Applicable

## 4. CONTEMPORARY HYDROGRAPHIC SURVEYS (List only those surveys that are sources for photogrammetric survey information.)

SURVEY NUMBER	DATE(S)	SURVEY COPY USED	SURVEY NUMBER	DATE(S)	SURVEY COPY USED

## 5. FINAL JUNCTIONS

NORTH	EAST	SOUTH	WEST
No survey	TP-00653	No survey	TP-00651

REMARKS

NOAA FORM 76-36C  
(3-72)U. S. DEPARTMENT OF COMMERCE  
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION  
NATIONAL OCEAN SURVEYTP-00652  
HISTORY OF FIELD OPERATIONS1. ☒ FIELD INSPECTION OPERATION (Hor. Control) ☐ FIELD EDIT OPERATION

OPERATION	NAME	DATE
1. CHIEF OF FIELD PARTY	L. Davis	Aug. 1979
2. HORIZONTAL CONTROL	RECOVERED BY L. Davis ESTABLISHED BY None PRE-MARKED OR IDENTIFIED BY L. Davis	Aug. 1979
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 L. Davis LOCATED (Field Methods) BY None IDENTIFIED BY None	Aug. 1979
5. GEOGRAPHIC NAMES INVESTIGATION	TYPE OF INVESTIGATION <input type="checkbox"/> COMPLETE <input type="checkbox"/> SPECIFIC NAMES ONLY <input checked="" type="checkbox"/> NO INVESTIGATION	
6. PHOTO INSPECTION	CLARIFICATION OF DETAILS BY None	
7. BOUNDARIES AND LIMITS	SURVEYED OR IDENTIFIED BY NA	

## II. SOURCE DATA

1. HORIZONTAL CONTROL IDENTIFIED		2. VERTICAL CONTROL IDENTIFIED	
		None	
PHOTO NUMBER	STATION NAME	PHOTO NUMBER	STATION DESIGNATION
78 Y(P)4223	Kaukauna Municipal Water Tank, 1954		

## 3. PHOTO NUMBERS (Clarification of details)

None

## 4. LANDMARKS AND AIDS TO NAVIGATION IDENTIFIED

PHOTO NUMBER	OBJECT NAME	PHOTO NUMBER	OBJECT NAME
78 Y(P)4223	Kaukauna Municipal Water Tank, 1954		

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)

1- form 76-70, 1-form 76-53, 2-forms 75-63

TP-00652

## HISTORY OF FIELD OPERATIONS

I. ☐ FIELD INSPECTION OPERATION☒ FIELD EDIT OPERATION

OPERATION	NAME	DATE
1. CHIEF OF FIELD PARTY	P. Walbolt	Sept. 1981
2. HORIZONTAL CONTROL	RECOVERED BY R. Daniel & P. Walbolt ESTABLISHED BY None PRE-MARKED OR IDENTIFIED BY None	Sept. 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 J. M. K., R. W. D. & R.T.N. LOCATED (Field Methods) BY None IDENTIFIED BY None	Sept. 1981
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 R. Daniel & P. Walbolt	Sept. 1981
7. BOUNDARIES AND LIMITS	SURVEYED OR IDENTIFIED BY NA	

## II. SOURCE DATA

1. HORIZONTAL CONTROL IDENTIFIED		2. VERTICAL CONTROL IDENTIFIED	
None		None	
PHOTO NUMBER	STATION NAME	PHOTO NUMBER	STATION DESIGNATION

## 3. PHOTO NUMBERS (Clarification of details)

78 E(C) 9815, 9817 and 9818, Cronapaque ratio (x1.331) photos

## 4. LANDMARKS AND AIDS TO NAVIGATION IDENTIFIED

None

PHOTO NUMBER	OBJECT NAME	PHOTO NUMBER	OBJECT NAME

5. GEOGRAPHIC NAMES: ☐ REPORT ☒ NONE6. BOUNDARY AND LIMITS: ☐ REPORT ☒ NONE

## 7. SUPPLEMENTAL MAPS AND PLANS

None

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

1 paper field edit sheet  
 1 film planetable sheet  
 1 field edit report  
 5 76-40 forms

NOAA FORM 76-36D  
(3-72)U. S. DEPARTMENT OF COMMERCE  
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATIONTP-00652  
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.	July 1981	Class III manuscript Superseded	None	None
Field edit applied Compilation complete	Aug. 1982	Class I manuscript	None	None
Final Review	Feb. 1983	Final Map	4/11/83	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
2	31383	4/11/83	Landmarks for charts
2	" "	"	Nonfloating aids for charts
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 ~~76-40~~ SUBMITTED BY FIELD PARTIES. (76-40 forms)  
 3. ☒ SOURCE DATA (except for Geographic Names Report) AS LISTED IN SECTION II, NOAA FORM 76-36C.  
 ACCOUNT FOR EXCEPTIONS:

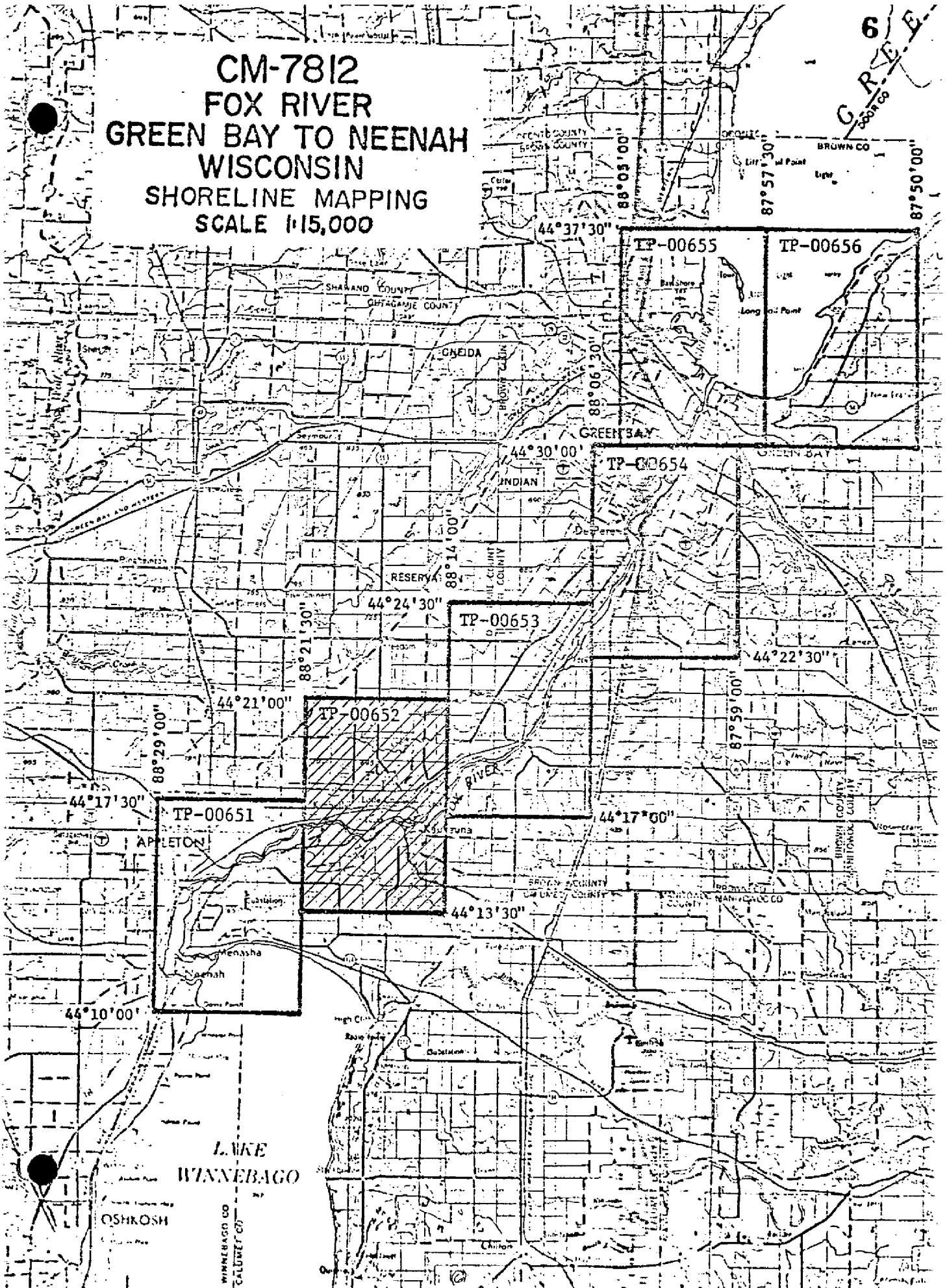
4. ☐ DATA TO FEDERAL RECORDS CENTER. DATE FORWARDED: SEPTEMBER 1983

## 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 MAP CLASS <input type="checkbox"/> II. <input type="checkbox"/> III. <input type="checkbox"/> IV. <input type="checkbox"/> V. <input type="checkbox"/> FINAL
	DATE OF PHOTOGRAPHY	DATE OF FIELD EDIT	
THIRD EDITION	SURVEY NUMBER TP - _____ (3)	JOB NUMBER PH - _____	TYPE OF SURVEY <input type="checkbox"/> REVISED <input type="checkbox"/> RESURVEY MAP CLASS <input type="checkbox"/> II. <input type="checkbox"/> III. <input type="checkbox"/> IV. <input type="checkbox"/> V. <input type="checkbox"/> FINAL
	DATE OF PHOTOGRAPHY	DATE OF FIELD EDIT	
FOURTH EDITION	SURVEY NUMBER TP - _____ (4)	JOB NUMBER PH - _____	TYPE OF SURVEY <input type="checkbox"/> REVISED <input type="checkbox"/> RESURVEY MAP CLASS <input type="checkbox"/> II. <input type="checkbox"/> III. <input type="checkbox"/> IV. <input type="checkbox"/> V. <input type="checkbox"/> FINAL
	DATE OF PHOTOGRAPHY	DATE OF FIELD EDIT	

CM-7812  
FOX RIVER  
GREEN BAY TO NEENAH  
WISCONSIN  
SHORELINE MAPPING  
SCALE 1:15,000

6  
G.R.E.E.  
1880



SUMMARY TO ACCOMPANY  
DESCRIPTIVE REPORT

TP-00652

This 1:15,000 scale final shoreline map is one of six maps, TP-00651 through TP-00656, that comprise project CM-7812, Fox River, Green Bay to Neenah, Wisconsin.

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

This final map features a portion of Fox River between the city of Kimberly and just east of the city of Kaukauna. This area covers twelve pool levels separated by eleven lock systems. A graphic profile indicating each pool elevation was compiled for shoreline datum distinctions.

Two flight strips of 1:50,000 scale panchromatic photography were obtained for aerotriangulation May 6, 1978 using the RC-10 "Y" camera. Compilation photography consisted of six flight strips of color photographs taken with the RC-8 "E" camera; this included two strips at 1:30,000 scale taken May 6, 1978 and four strips of 1:20,000 scale taken April 27 and 28, 1978. This photography provided adequate coverage for the project except for the small area at Davis Point mentioned in the compilation report for map TP-00651.

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 and plotting of the manuscripts on the Calcomp 718 plotter were adequately provided by the Washington Science Center in August 1980.

Original compilation was performed at the Coastal Mapping Unit, Atlantic Marine Center, in July 1981. Copies of the Class III map were submitted for field edit.

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

Final review was performed at the Atlantic Marine Center in February 1983. A final Chart Maintenance Print was prepared and submitted for the Marine Chart Branch.



TP-00652

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

## FIELD INSPECTION

TP-00652

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  
Fox River, Green Bay to Neenah, Wisconsin  
CM-7812  
August 15, 1980

21. Area Covered

The area covered by this report extends from Lake Winnebago, along the Fox River to Green Bay, Wisconsin. The project area is covered by 6 1:15,000 scale sheets; TP-00651 to TP-00656.

22. Method

Two strips of 1:50,000 scale black-and-white photography were bridged by analytic aerotriangulation methods. The strips of bridging photography were controlled by field identified control. Tie points were used to ensure an adequate junction of strips. Points for compilation were established on the 1:30,000 and 1:20,000 scale compilation photography. Ratios of the compilation photography were determined and the ratio prints were ordered by this office.

The manuscript sheets were plotted by the Calcomp 718 plotter.

23. Adequacy of Control

Kaukauna Municipal W.T., 1954 was one of the field identified control points for Strip 1. This station and its sub point would not fit with the other control in the strip. These points were off by about 15 feet in the X coordinate. A photo field party working in the area determined a new position for the tank. This new position is +18 feet in the X coordinate compared to the published position and fits well in the strip adjustment.

Also, sub point 2 of Little Tail, 1953 would not fit in the adjustment of Strip 2. It is off by +52 feet in the Y direction. Sub point 1 fits well with the other control and was used in the final adjustment. The control for this project was adequate.

24. Supplemental Data

USGS quadrangles were used to provide vertical control for the adjustment.

25. Photography

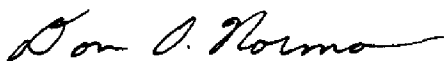
The coverage, overlap, and quality of the photography was adequate for the job.

Submitted by,

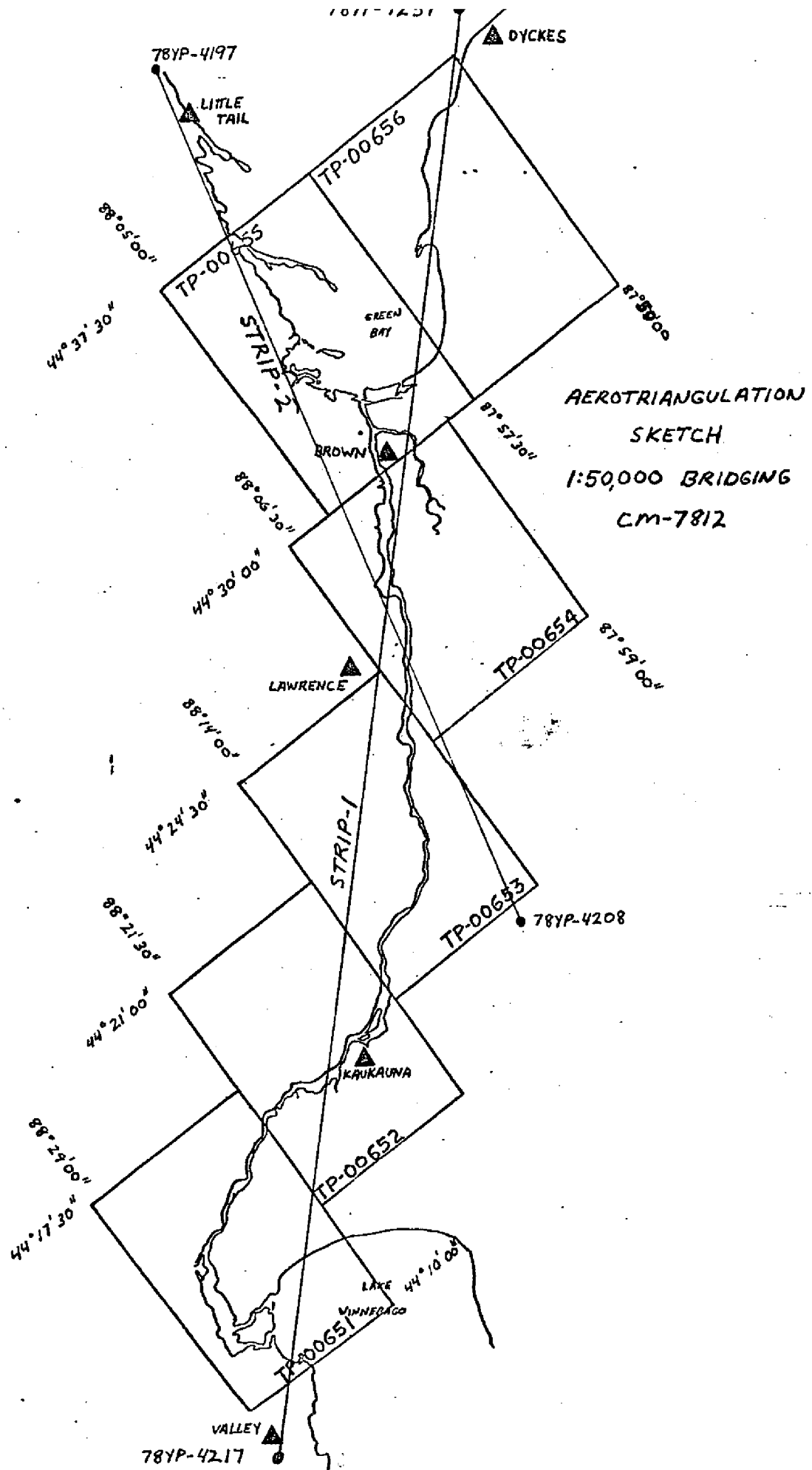


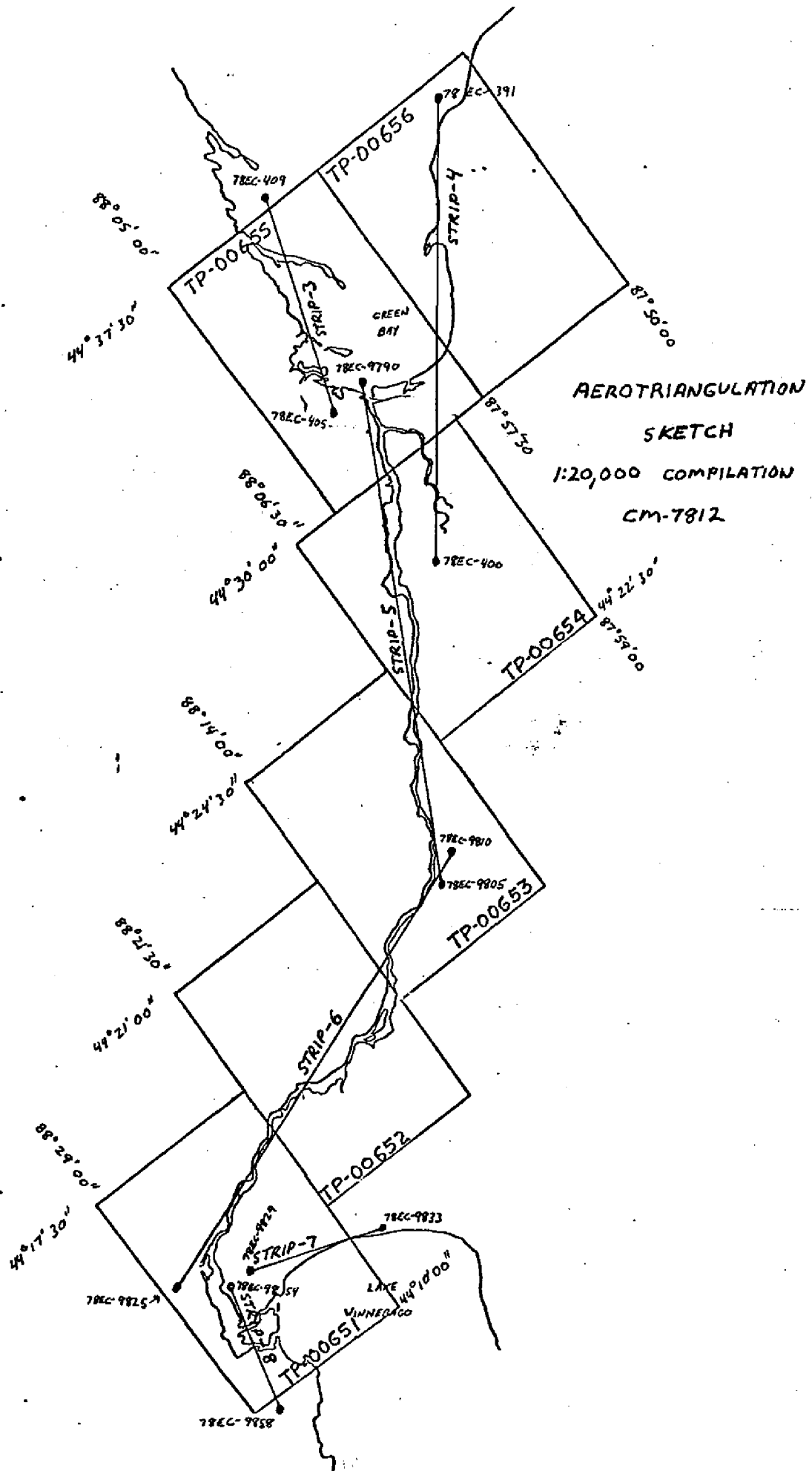
Brian Thornton

Approved and Forwarded:



Don O. Norman  
Chief, Aerotriangulation Section





# Adequacy of Control

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Strip #1

Point	X-Error	Y-Error
217101	4.058	1.648
217102	-2.408	.362
223100	-1.101	-5.143
223101	-1.985	-.282
227101	-3.006	-2.630
227102	.703	2.283
230101	4.449	3.049
230102	1.976	2.812
236101	-.921	1.180
236102	-1.728	-3.247

Strip #2

198101	3.109	-51.560
198102	.696	-.536
230101	-.915	.874
230102	-1.253	3.031
227101	1.367	-3.856
227102	5.471	-3.501





## COMPILATION REPORT

TP-00652

31. DELINEATION

Delineation was by instrument compilation methods using the Wild B-8 stereoplotter using the photography listed on form 76-36B. Photo coverage for this manuscript was adequate. Photographs ratioed at 1.331 times the contact photo size were processed for field edit.

32. CONTROL

Refer to the Photogrammetric Plot Report dated August 15, 1980.

33. SUPPLEMENTAL DATA

Copies of a 1963 survey of Fox River by the U.S. Army Corps of Engineers (scale 1:5,000) were used for comparison.

34. CONTOURS AND DRAINAGE

Contours are not applicable to the project. Drainage was delineated by the Wild B-8 stereoplotter and by office interpretation of the ratioed photographs.

35. SHORELINE AND ALONGSHORE DETAILS

Alongshore details were delineated by the Wild B-8 stereoplotter and by office inspection of the ratioed photographs.

36. OFFSHORE DETAILS

There were no unusual problems.

37. LANDMARKS AND AIDS

There were 17 charted landmarks and 16 charted aids within the mapping limits of this manuscript. Among these, 17 landmarks and 16 aids were located photogrammetrically. Preliminary 76-40 forms were prepared for field edit.

38. CONTROL FOR FUTURE SURVEYS

None

39. JUNCTIONS

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

TP-00652

40. HORIZONTAL AND VERTICAL ACCURACY

Refer to the Photogrammetric Plot Report dated August 15, 1980.

46. COMPARISON WITH EXISTING MAPS

Comparison was made with the following 1:24,000 scale U.S.G.S. quadrangles: Kaukauna, Wisconsin, and Wrightstown, Wisconsin, dated 1974.

47. COMPARISON WITH NAUTICAL CHARTS

Comparison was made with Recreational-Craft Chart No. 14916, 5th ed., April 7, 1979--sheets 27 and 28 at scale 1:15,000.

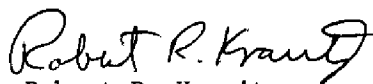
ITEMS TO BE APPLIED TO NAUTICAL CHARTS IMMEDIATELY

None

ITEMS TO BE CARRIED FORWARD

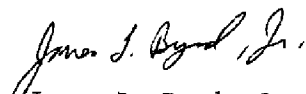
None

Submitted by,

  
Robert R. Kravitz  
Cartographic Technician

Date: 18 June 1981

Approved,

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

## ADDENDUM TO THE COMPILATION REPORT

TP-00652

FIELD EDIT

Field edit was adequate.

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FIELD EDIT REPORT  
TP-00652 KIMBERLY  
CM-7812 FOX RIVER  
GREEN BAY TO NEENAH  
WISCONSIN

51. METHODS

This edit was performed in the field by boat, by foot, and by truck. All questions were investigated thoroughly, and are answered on the Discrepancy Print. Some questions regarding submerged cables or pipelines have a negative answer, as no signs or other evidence of their existence could be found at the respective locations.

52. ADEQUACY OF COMPILATION

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

54. RECOMMENDATIONS

No recommendations.

56. GEOGRAPHIC NAMES

There are no name changes on this Map.

57. LANDMARKS AND AIDS

Those Aids which are surrounded by water were verified in position either by cuts or by planetable setup; those Aids which are on shore were verified by checking their photo image with the nearby detail. Each Aid was checked against the 1981 Great Lakes Light List.

The Landmarks were checked from the River by skiff. The position of each was verified by ground. Two Landmarks are gone; four are recommended for deletion, as they are of no real value. Form 76-40 is submitted for each.

58. FIELD EDITOR

Field Edit was by P. B. Walbolt.

2 September 1981

Submitted by:

*Philip B. Walbolt*

Philip B. Walbolt

Chief, Photo Party 63

REVIEW REPORT TP-00652  
SHORELINE

61. GENERAL STATEMENT:

Refer to the Summary included in this Descriptive Report.

62. COMPARISON WITH REGISTERED TOPOGRAPHIC SURVEYS:

Not applicable

63. COMPARISON WITH MAPS OF OTHER AGENCIES:

A comparison was made with the following 1:24,000 scale quadrangles:

Kaukauna, Wisconsin, 1974  
Wrightstown, Wisconsin, 1974

64. COMPARISON WITH CONTEMPORARY HYDROGRAPHIC SURVEYS:

No contemporary hydrographic survey was conducted.

65. COMPARISON WITH NAUTICAL CHARTS:

A comparison was made with Recreational-Craft chart No. 14916, 6th edition, July 25, 1981, sheets 27 & 28 at 1:15,000 scale.

66. ADEQUACY OF RESULTS AND FUTURE SURVEYS:

This map complies with the Project Instructions and meets the requirements for National Standards of Map Accuracy.

Submitted by,

*Jerry L. Hancock*  
Jerry L. Hancock  
Final Reviewer

Approved for forwarding;

*Billy H. Barnes*  
Billy H. Barnes  
Chief, Photogrammetric Section, AMC

Approved,

*Frank M. Bue* Chief, Photogrammetric Section, Rockville  
*John D. Perrow Jr.* Chief, Photogrammetry Branch  
for

March 1, 1983

GEOGRAPHIC NAMES

FINAL NAME SHEET

CM-7812 (Fox River, Green Bay to Neenah, Wisconsin)

TP-00652

Cedars Lock

Chicago & North Western (RR)

Combined Locks (Pp1)

Combined Locks

Fox Point

Fox River

Garners Creek

-----Kankapot Creek-----added during Final Review.

Kaukauna

Kaukauna Guard Lock

Kimberly

Little Chute

Little Chute Guard Lock

Little Chute Islands

Lock 1

Lock 2

Lock 3

Lock 4

Lock 5

Approved by:

*Charles E. Harrington*  
Charles E. Harrington  
Chief Geographer

DISSEMINATION of PROJECT MATERIAL

CM-7812

Fox River, Green Bay to Neenah, Wisconsin

National Archives/Federal Record Center

Box (Contents)

Project Computer Readout

Field Notebook including:

NOAA Forms	76-15
" "	75-53
" "	75-63
" "	76-40
" "	76-65
" "	76-109
" "	76-135
" "	76-184

Highway Bridge Plans

Project Diagrams

Field Edit & Planable Prints

Bridging Photographs

Field Edit Photographs

Project Completion Report

Bureau Archives

Registered Copy of Each Map

Descriptive Report of Each Map

Reproduction Division

8x Reduction Negative of Each Map

Office of Staff Geographer

Geographic Names Standard

NOAA FORM 76-40 (8-74) Replaces C&GS Form 567.										U.S. DEPARTMENT OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION									
NONFLOATING AIDS OR LANDMARKS FOR CHARTS										ORIGINATING ACTIVITY									
										<input type="checkbox"/> HYDROGRAPHIC PARTY <input type="checkbox"/> GEODETIC PARTY <input type="checkbox"/> PHOTO FIELD PARTY <input checked="" type="checkbox"/> COMPILATION ACTIVITY <input type="checkbox"/> FINAL REVIEWER <input type="checkbox"/> QUALITY CONTROL & REVIEW GRP. <input type="checkbox"/> COAST PILOT BRANCH (See reverse for responsible personnel)									
TO BE CHARTED		REPORTING UNIT		STATE		LOCALITY		DATE											
<input checked="" type="checkbox"/> TO BE CHARTED <input type="checkbox"/> TO BE REVISED <input type="checkbox"/> TO BE DELETED		(Field Party, Ship or Office) Coastal Mapping Division Atlantic Marine Center Norfolk, VA		Wisconsin		Fox River-Green Bay to Neenah		August 1981											
The following objects HAVE <input checked="" type="checkbox"/> BEEN INSPECTED FROM SEAWARD TO DETERMINE THEIR VALUE AS LANDMARKS.																			
OPR PROJECT NO.		JOB NUMBER		SURVEY NUMBER		DATUM		POSITION		METHOD AND DATE OF LOCATION (See instructions on reverse side)		CHARTS AFFECTED							
		CN-7812		TP-00652		NA 1927													
CHARTING NAME		DESCRIPTION		LATITUDE		LONGITUDE		OFFICE		FIELD									
		(Record reason for deletion of landmark or aid to navigation. Show triangulation station names, where applicable, in parentheses)		° / ' " D.M. Meters		° / ' " D.P. Meters													
DAYBEACON	Cedar Lock Daybeacon 36	44 16	47 30	88 19	29 22	648	78E(C) 9818	27 April 78	F-7-V	6 Aug. 1981	14916								
LIGHT	Concrete Structure Light P	44 16	31 59	88 18	33 50	743	78 E(C) 9817	"	"	"	"								
LIGHT	" " " N	44 16	29 68	88 18	21 33	473	"	"	V-VIS	"	"								
LIGHT	" " " M	44 16	30 42	88 18	12 99	288	"	"	"	"	"								
LIGHT	" " " L	44 16	31 59	88 18	03 79	84	"	"	"	"	"								
LIGHT	" " " K	44 16	33 63	88 17	54 97	1219	"	"	"	"	"								
LIGHT	" " " J	44 16	33 95	88 17	45 99	1020	"	"	"	"	"								
LIGHT	" " " H	44 16	38 16	88 17	14 34	318	78E(C) 9816	"	F-7-V	"	"								
LIGHT	" " " G	44 16	43 19	88 17	05 77	128	"	"	"	"	"								
LIGHT	" " " F	44 16	49 50	88 16	56 64	1256	"	"	"	"	"								



RESPONSIBLE PERSONNEL	
TYPE OF ACTION	NAME
OBJECTS INSPECTED FROM SEAWARD	P. Walbolt
POSITIONS DETERMINED AND/OR VERIFIED	P. Walbolt
FORMS ORIGINATED BY QUALITY CONTROL AND REVIEW GROUP AND FINAL REVIEW ACTIVITIES	M. Mozgala
INSTRUCTIONS FOR ENTRIES UNDER 'METHOD AND DATE OF LOCATION'	
(Consult Photogrammetric Instructions No. 64.)	
<b>OFFICE</b> <b>I. OFFICE IDENTIFIED AND LOCATED OBJECTS</b> 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	<b>FIELD (Cont'd)</b> <b>B. Photogrammetric field positions** require</b> 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
<b>FIELD</b> <b>I. NEW POSITION DETERMINED OR VERIFIED</b> Enter the applicable data by symbols as follows: F - Field L - Located V - Verified 1 - Triangulation 2 - Traverse 3 - Intersection 4 - Resection P - Photogrammetric Vis - Visually 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	<b>II. TRIANGULATION STATION RECOVERED</b> 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 <b>III. POSITION VERIFIED VISUALLY ON PHOTOGRAPH</b> Enter 'V-Vis.' and date. EXAMPLE: V-Vis. 8-12-75 <b>**PHOTOGRAMMETRIC FIELD POSITIONS are dependent entirely, or in part, upon control established by photogrammetric methods.</b>
<b>*FIELD POSITIONS are determined by field observations based entirely upon ground survey methods.</b>	



RESPONSIBLE PERSONNEL	
TYPE OF ACTION	NAME
OBJECTS INSPECTED FROM SEAWARD	P. Walbolt
POSITIONS DETERMINED AND/OR VERIFIED	P. Walbolt
FORMS ORIGINATED BY QUALITY CONTROL AND REVIEW GROUP AND FINAL REVIEW ACTIVITIES	M. Mozgala
INSTRUCTIONS FOR ENTRIES UNDER 'METHOD AND DATE OF LOCATION'	
(Consult Photogrammetric Instructions No. 64.)	
<b>OFFICE</b> <b>1. OFFICE IDENTIFIED AND LOCATED OBJECTS</b> 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	<b>FIELD (Cont'd)</b> <b>B. Photogrammetric field positions*</b> 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
<b>FIELD</b> <b>I. NEW POSITION DETERMINED OR VERIFIED</b> Enter the applicable data by symbols as follows: F - Field L - Located V - Verified 1 - Triangulation 2 - Traverse 3 - Intersection 4 - Resection P - Photogrammetric Vis - Visually 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	<b>III. TRIANGULATION STATION RECOVERED</b> 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 <b>II. POSITION VERIFIED VISUALLY ON PHOTOGRAPH</b> Enter 'V-Vis.' and date. EXAMPLE: V-Vis. 8-12-75 <b>**PHOTOGRAMMETRIC FIELD POSITIONS</b> 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.	

NOAA FORM 76-40 (8-74) Replaces C&GS Form 367.										U.S. DEPARTMENT OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION									
NON-LOCATING AIDS OR LANDMARKS FOR CHARTS										ORIGINATING ACTIVITY									
<input checked="" type="checkbox"/> TO BE CHARTED <input type="checkbox"/> TO BE REVISED <input type="checkbox"/> TO BE DELETED										<input type="checkbox"/> HYDROGRAPHIC PARTY <input type="checkbox"/> GEODETIC PARTY <input type="checkbox"/> PHOTO FIELD PARTY <input checked="" type="checkbox"/> COMPILATION ACTIVITY <input type="checkbox"/> FINAL REVIEWER <input type="checkbox"/> QUALITY CONTROL & REVIEW GRP. <input type="checkbox"/> COAST PILOT BRANCH (See reverse for responsible personnel)									
REPORTING UNIT (If field party, ship or office)		STATE		LOCALITY		DATE		METHOD AND DATE OF LOCATION (See instructions on reverse side)		CHARTS AFFECTED									
Coastal Mapping Division Atlantic Marine Center Norfolk, VA		Wisconsin		Fox River-Green Bay to Neenah		August 1981													
The following objects HAVE <input checked="" type="checkbox"/> BEEN INSPECTED from seaward to determine their value as landmarks.																			
OPR PROJECT NO.		JOB NUMBER		SURVEY NUMBER		DATUM		POSITION		METHOD AND DATE OF LOCATION									
		CM-7812		TP-00652		NA 1927													
CHARTING NAME	DESCRIPTION (Record reason for deletion of landmark or aid to navigation. Show triangulation station names, where applicable, in parentheses)	LATITUDE		LONGITUDE		OFFICE		FIELD		CHARTS AFFECTED									
		° /	D.M. Meters	° /	D.P. Meters														
TANK	(Kaukauna Municipal Water Tank, 1954)	44 16	54.368 1678.1	88 15	57.125 1266.7	78 E(C) 9815 27 April 78	Triang. Rec. 3 Aug. 81	14916											
TANK		44 16	24.28 749.4	88 20	18.43 408.7	78 E(C) 9818 "	V-VIS 3 August 81	"											
STACK	Kimberly, Kimberly Clark Corp. West of 2	44 16	38.20 1179	88 20	0.90 20	78 E(C) 9819 "	" "	"											
STACK	Kimberly, Kimberly Clark Corp. East of 2	44 16	37.36 1153	88 20	0.09 2	" "	" "	"											
TANK	(Kimberly, Municipal Water Tank, 1954)	44 16	21.84 674.1	88 19	52.27 1159.2	78 E(C) 9818 "	Triang. Rec. "	"											
TANK		44 16	29.95 924.4	88 19	56.71 1257.7	" "	V-VIS "	"											
TANK	222403	44 17	05.90 182.1	88 19	11.85 262.8	78 Z(C) 9817 "	" "	"											
TANK	(Little Chute, Municipal Water Tank, 1954)	44 16	56.16 1733.4	88 18	42.01 931.5	" "	Triang. Rec. "	"											
SPIRE		44 16	41.70 1287	88 18	51.85 1150	" "	V-VIS "	"											
SPIRE		44 17	01.07 33	88 16	08.70 193	78 E(C) 9815 "	" "	"											

RESPONSIBLE PERSONNEL	
TYPE OF ACTION	NAME
OBJECTS INSPECTED FROM SEAWARD	P. Walbolt
POSITIONS DETERMINED AND/OR VERIFIED	P. Walbolt
FORMS ORIGINATED BY QUALITY CONTROL AND REVIEW GROUP AND FINAL REVIEW ACTIVITIES	M. Mozgala
INSTRUCTIONS FOR ENTRIES UNDER 'METHOD AND DATE OF LOCATION'	
(Consult Photogrammetric Instructions No. 64.)	
<b>OFFICE</b> <b>I. OFFICE IDENTIFIED AND LOCATED OBJECTS</b> 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	<b>FIELD (Cont'd)</b> <b>B. Photogrammetric field positions*</b> 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
<b>FIELD</b> <b>I. NEW POSITION DETERMINED OR VERIFIED</b> Enter the applicable data by symbols as follows: F - Field                      P - Photogrammetric L - Located                  Vis - Visually V - Verified 1 - Triangulation          5 - Field identified 2 - Traverse                6 - Theodolite 3 - Intersection          7 - Planetable 4 - Resection              8 - Sextant  A. Field positions* require entry of method of location and date of field work. EXAMPLE: F-2-6-L 8-12-75	<b>III. POSITION VERIFIED VISUALLY ON PHOTOGRAPH</b> Enter 'V+Vis.' and date. EXAMPLE: V-Vis. 8-12-75  <b>**PHOTOGRAMMETRIC FIELD POSITIONS</b> are dependent entirely, or in part, upon control established by photogrammetric methods.
<b>*FIELD POSITIONS</b> are determined by field observations based entirely upon ground survey methods.	



RESPONSIBLE PERSONNEL	
TYPE OF ACTION	NAME
OBJECTS INSPECTED FROM SEAWARD	P. Walbolt
POSITIONS DETERMINED AND/OR VERIFIED	P. Walbolt
FORMS ORIGINATED BY QUALITY CONTROL AND REVIEW GROUP AND FINAL REVIEW ACTIVITIES	M. Mozgala
INSTRUCTIONS FOR ENTRIES UNDER 'METHOD AND DATE OF LOCATION'	
(Consult Photogrammetric Instructions No. 64.)	
<b>OFFICE</b> <b>1. OFFICE IDENTIFIED AND LOCATED OBJECTS</b> 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	<b>FIELD (Cont'd)</b> <b>B. Photogrammetric field positions*</b> 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
<b>FIELD</b> <b>1. NEW POSITION DETERMINED OR VERIFIED</b> Enter the applicable data by symbols as follows: F - Field                      P - Photogrammetric L - Located                    Vis - Visually V - Verified 1 - Triangulation            5 - Field identified 2 - Traverse                6 - Theodolite 3 - Intersection            7 - Planetable 4 - Resection               8 - Sextant  A. Field positions* require entry of method of location and date of field work. EXAMPLE: F-2-6-L 8-12-75	<b>11. TRIANGULATION STATION RECOVERED</b> 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  <b>111. POSITION VERIFIED VISUALLY ON PHOTOGRAPH</b> 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.
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RESPONSIBLE PERSONNEL		ORIGINATOR	
TYPE OF ACTION	NAME		
OBJECTS INSPECTED FROM SEAWARD	P. Walbolt	<input checked="" type="checkbox"/> PHOTO FIELD PARTY <input type="checkbox"/> HYDROGRAPHIC PARTY <input type="checkbox"/> GEODETIC PARTY <input type="checkbox"/> OTHER (Specify)	
POSITIONS DETERMINED AND/OR VERIFIED	P. Walbolt	FIELD ACTIVITY REPRESENTATIVE	
FORMS ORIGINATED BY QUALITY CONTROL AND REVIEW GROUP AND FINAL REVIEW ACTIVITIES	M. Mozgala	<input type="checkbox"/> REVIEWER <input type="checkbox"/> QUALITY CONTROL AND REVIEW GROUP REPRESENTATIVE	
INSTRUCTIONS FOR ENTRIES UNDER 'METHOD AND DATE OF LOCATION'			
(Consult Photogrammetric Instructions No. 64.)			
<b>OFFICE</b> <b>I. OFFICE IDENTIFIED AND LOCATED OBJECTS</b> 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		<b>FIELD (Cont'd)</b> <b>B. Photogrammetric field positions*</b> 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	
<b>FIELD</b> <b>I. NEW POSITION DETERMINED OR VERIFIED</b> 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		<b>III. POSITION VERIFIED VISUALLY ON PHOTOGRAPH</b> Enter 'V-Vis.' and date. EXAMPLE: V-Vis. 8-12-75 <b>**PHOTOGRAMMETRIC FIELD POSITIONS</b> are dependent entirely, or in part, upon control established by photogrammetric methods.	
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