

TP-00651

TP-00651

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-00651	<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> NEENAH	
<div style="border: 1px solid black; padding: 5px; display: inline-block;">           19 78 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>00651</u>  MAP EDITION NO. <u>(1)</u>  MAP CLASS <u>FINAL</u>  JOB <u>NYCM-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		Horizontal Control      June 19, 1978	
Compilation      September 22, 1980		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>			
OPERATIONS		NAME	
DATE			
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      Sept. 1980	
3. STEREOSCOPIC INSTRUMENT PLANIMETRY BY COMPILATION      CHECKED BY		D. Butler      May 1981	
INSTRUMENT: Wild B-8      CONTOURS BY		F. Margiotta & F. Mauldin      May 1981	
SCALE: 1:15,000      CHECKED BY		NA	
4. MANUSCRIPT DELINEATION PLANIMETRY BY METHOD: Smooth drafted      CHECKED BY		D. Butler      July 1981	
SCALE: 1:15,000      CHECKED BY		F. Mauldin      July 1981	
HYDRO SUPPORT DATA BY		D. Butler      June 1981	
CHECKED BY		F. Mauldin      July 1981	
5. OFFICE INSPECTION PRIOR TO FIELD EDIT BY		F. Mauldin      July 1981	
6. APPLICATION OF FIELD EDIT DATA BY		M. Mozgala      April 1981	
CHECKED BY		C. Blood      Aug. 1982	
7. COMPILATION SECTION REVIEW BY		C. Blood      Aug. 1982	
8. FINAL REVIEW BY		J. Hancock      Feb. 1983	
9. DATA FORWARDED TO PHOTOGRAMMETRIC BRANCH BY		J. Hancock      Mar. 1983	
10. DATA EXAMINED IN PHOTOGRAMMETRIC BRANCH BY		Robert Kelly, Wolfe      June 1983	
11. MAP REGISTERED - COASTAL SURVEY SECTION BY		(See D. Wolfe)      Oct 4 1983	

NOAA FORM 76-36B  
(3-72)U. S. DEPARTMENT OF COMMERCE  
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION  
NATIONAL OCEAN SURVEYTP-00651  
COMPILATION SOURCES

## 1. COMPILATION PHOTOGRAPHY

CAMERA(S) Wild R.C. 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	<input checked="" type="checkbox"/> STANDARD
				MERIDIAN 90th	<input type="checkbox"/> DAYLIGHT
NUMBER AND TYPE	DATE	TIME	SCALE	STAGE OF TIDE	
78 E(C) 9854 - 9858	4/28/78	08:47	1:20,000	NA	
78 E(C) 9829 - 9832	4/27/78	14:08	1:20,000	NA	
78 E(C) 9819 - 9825	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 marks 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-00652	No survey	No survey

## REMARKS

This map represents the southern limit for the project.

TP-00651  
HISTORY OF FIELD OPERATIONSI. ☒ 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	Aug. 1979
	ESTABLISHED BY None	
	PRE-MARKED OR IDENTIFIED BY None	
3. VERTICAL CONTROL	RECOVERED BY None	
	ESTABLISHED BY None	
	PRE-MARKED OR IDENTIFIED BY None	
4. LANDMARKS AND AIDS TO NAVIGATION	RECOVERED (Triangulation Stations) BY None	
	LOCATED (Field Methods) BY None	
	IDENTIFIED BY None	
5. GEOGRAPHIC NAMES INVESTIGATION	TYPE OF INVESTIGATION <input type="checkbox"/> COMPLETE <input type="checkbox"/> SPECIFIC NAMES ONLY <input checked="" type="checkbox"/> NO INVESTIGATION	
6. PHOTO INSPECTION	CLARIFICATION OF DETAILS BY None	
7. BOUNDARIES AND LIMITS	SURVEYED OR IDENTIFIED BY 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)			
None			
4. LANDMARKS AND AIDS TO NAVIGATION IDENTIFIED			
None			
PHOTO NUMBER	OBJECT NAME	PHOTO NUMBER	OBJECT NAME
5. GEOGRAPHIC NAMES: <input type="checkbox"/> REPORT <input checked="" type="checkbox"/> NONE		6. BOUNDARY AND LIMITS: <input type="checkbox"/> REPORT <input checked="" type="checkbox"/> NONE	
7. SUPPLEMENTAL MAPS AND PLANS			
None			

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

REMARK: No horizontal control (photo-identification) coverage fell within the limits of this map. However, one triangulation station, Valley 2, 1961, was identified just south of this most southern map of the project.

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## 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	Sept. 1981
	ESTABLISHED BY None	
	PRE-MARKED OR IDENTIFIED BY None	
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 P. Walbolt & R. Daniel	Sept. 1981
	LOCATED (Field Methods) BY None	
	IDENTIFIED BY None	
5. GEOGRAPHIC NAMES INVESTIGATION	TYPE OF INVESTIGATION <input type="checkbox"/> COMPLETE <input type="checkbox"/> SPECIFIC NAMES ONLY <input checked="" type="checkbox"/> NO INVESTIGATION	
6. PHOTO INSPECTION	CLARIFICATION OF DETAILS BY R. Daniel & P. Walbolt	Sept. 1981
7. BOUNDARIES AND LIMITS	SURVEYED OR IDENTIFIED BY NA	

## II. SOURCE DATA

1. HORIZONTAL CONTROL IDENTIFIED None		2. VERTICAL CONTROL IDENTIFIED None	
PHOTO NUMBER	STATION NAME	PHOTO NUMBER	STATION DESIGNATION
3. PHOTO NUMBERS (Clarification of details) 78 E(C) 9820, 9821, 9823 and 9856, cronapaque ratio photos (9820, 9821, 9823 ratioed to 1.331) (9856 ratioed to 1.317)			
4. LANDMARKS AND AIDS TO NAVIGATION IDENTIFIED None			
PHOTO NUMBER	OBJECT NAME	PHOTO NUMBER	OBJECT NAME
5. GEOGRAPHIC NAMES: <input type="checkbox"/> REPORT <input checked="" type="checkbox"/> NONE		6. BOUNDARY AND LIMITS: <input type="checkbox"/> REPORT <input checked="" type="checkbox"/> NONE	
7. SUPPLEMENTAL MAPS AND PLANS 2 maps of new highway bridge at Appleton			
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 7 76-40 forms			

NOAA FORM 76-36D  
(3-72)U. S. DEPARTMENT OF COMMERCE  
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATIONTP-00651  
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
5	31383	4/11/83	Landmarks for charts
1	"	"	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 NO. 1367~~ 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:

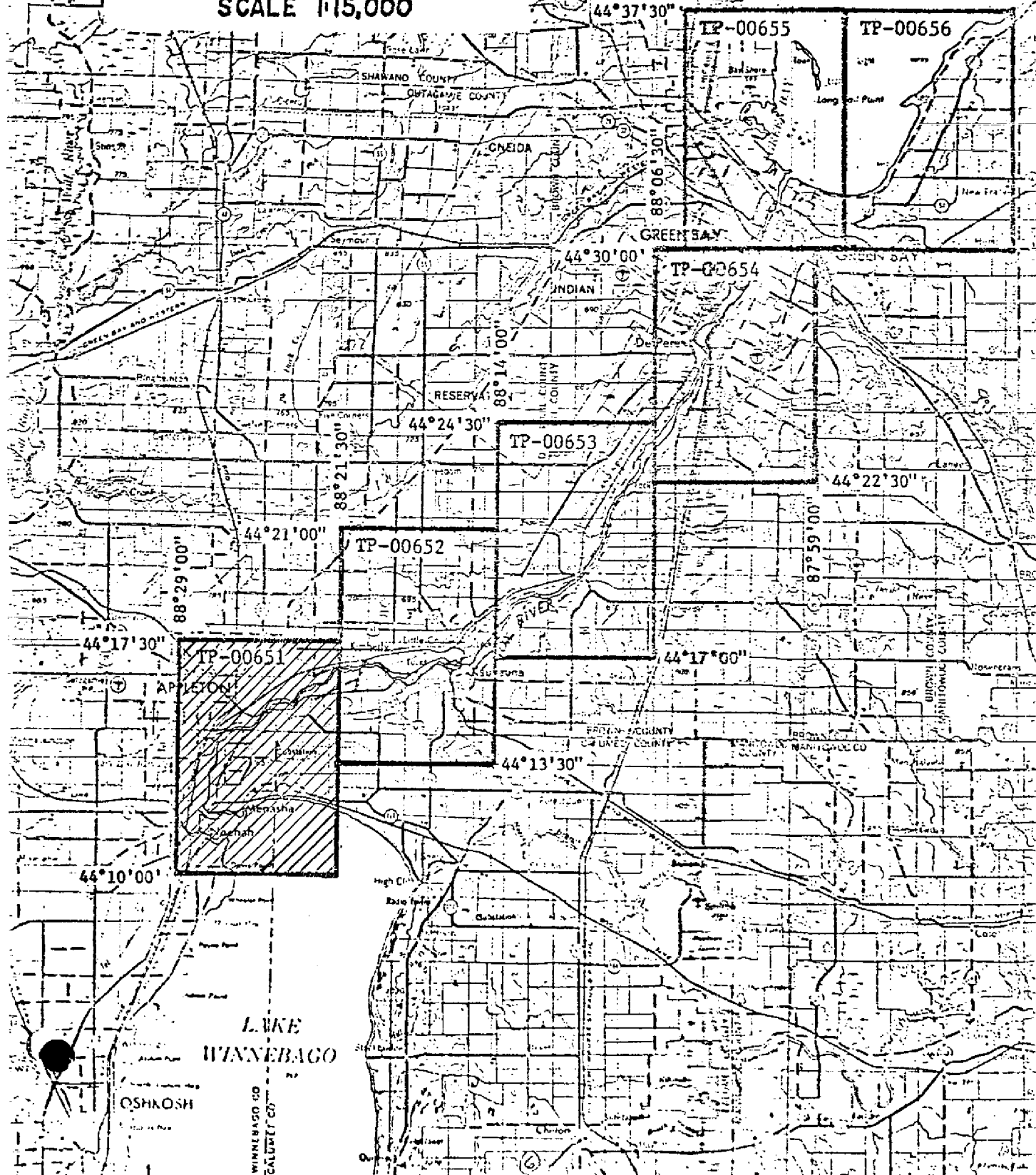
4. ☐ DATA TO FEDERAL RECORDS CENTER. DATE FORWARDED: SEPTEMBER 1983

## 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.P.E.E.  
36600



7

SUMMARY TO ACCOMPANY  
DESCRIPTIVE REPORT

TP-00651

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 beginning at the northwest shore of Lake Winnebago and extending north to Appleton, Wisconsin. This area covers six pool levels separated by five 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.



## SUMMARY (con't.)

TP-00651

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-00651

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.

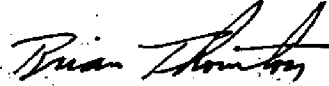
24. Supplemental Data

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

25. Photography

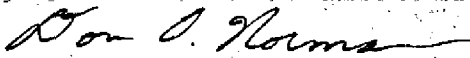
The coverage, overlap, and quality of the photography was adequate for the job.

Submitted by,

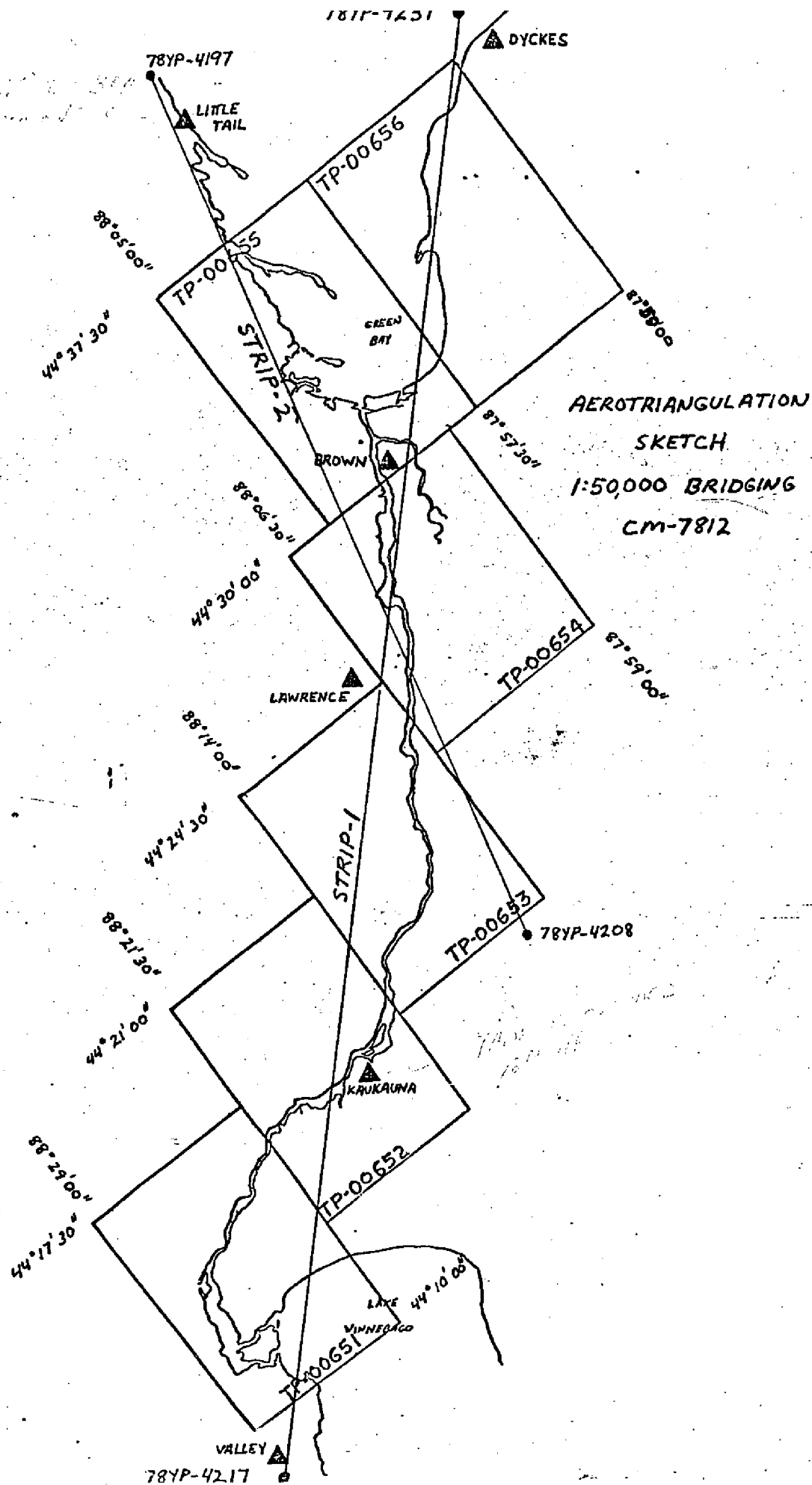


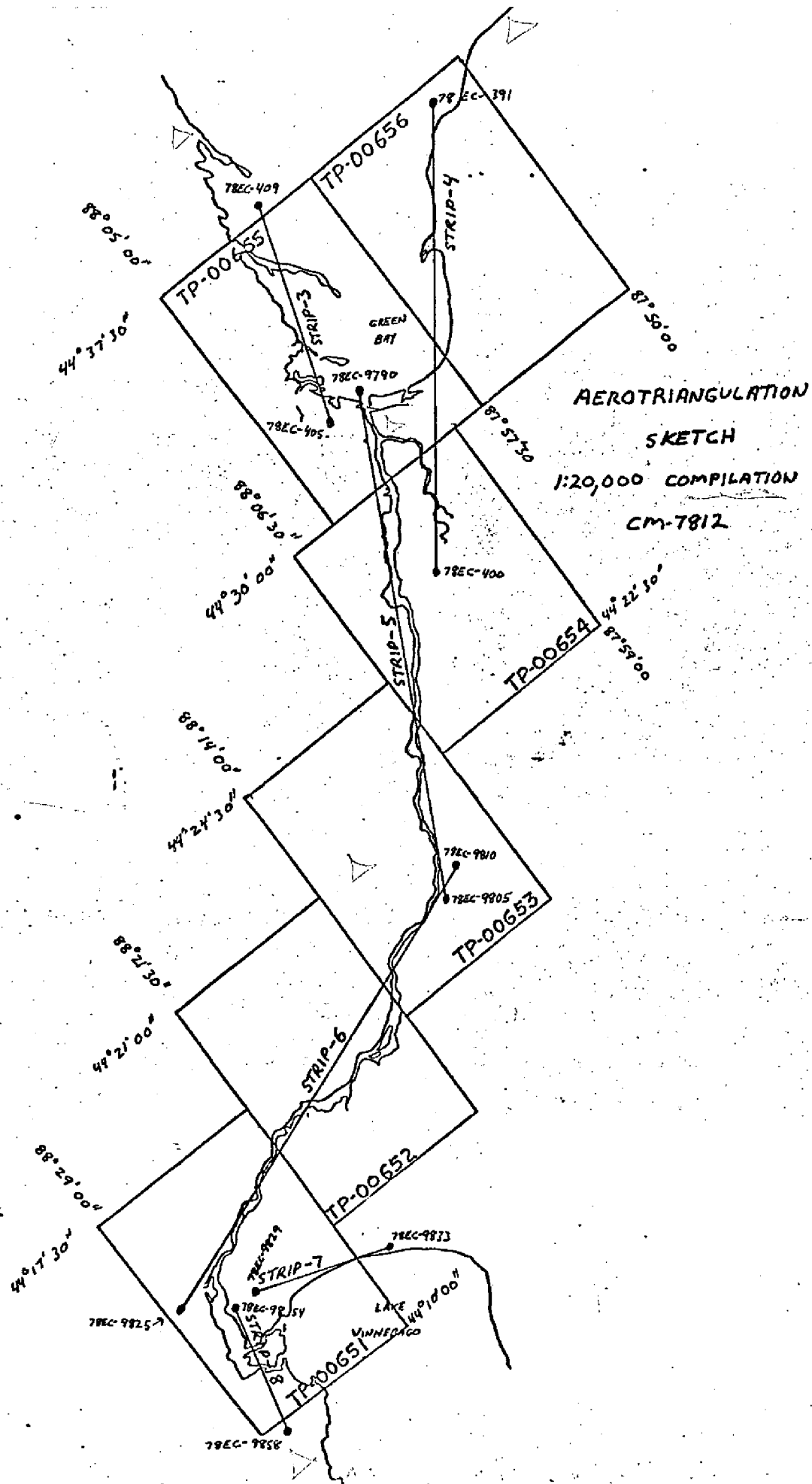
Brian Thornton

Approved and Forwarded:



Don O. Norman  
Chief, Aerotriangulation Section





## Adequacy of Control

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

## DESCRIPTIVE REPORT CONTROL RECORD

MAP NO.	JOB NO.	STATION NAME	SOURCE OF INFORMATION (Index)	AEROTRI- ANGULATION POINT NUMBER	GEODETIC DATUM		ORIGINATING ACTIVITY		REMARKS
					NA 1927				
TP-00651	CM-7812								
						COORDINATES IN FEET STATE Wisconsin ZONE Central			
NEENAH, MUNICIPAL WATER TANK 1954	440882 Sta. 1052	62			X= 2,407,384 Y= 129,440		φ 44°10'39.75" λ 88°26'49.87"	1226.9 (625.0) 1107.8 (225.0)	
NEENAH, 1954	" 1020	63			X= Y=		φ 44°10'53.245" λ 88°27'01.412"	1643.4 (208.5) 31.4 (1301.4)	
MENASHA, BANTA PUBLISHING COMPANY, WATER TANK, 1954	" 1051	57			X= Y=		φ 44°13'54.066" λ 88°26'14.393"	1668.7 (183.2) 319.4 (1012.2)	
APPLETON, WISCONSIN, MICHIGAN POWER COMPANY, RADIO TOWER 1954	440882 Sta. 1035	55			X= Y=		φ 44°15'18.27" λ 88°24'18.71"	563.9 (1288.0) 415.1 (916.0)	
APPLETON, SOUTH MUNICIPAL WATER TANK OF 2, 1954	" 1033	54			X= Y=		φ 44°15'46.543" λ 88°24'43.224"	1436.6 (415.3) 958.7 (372.1)	
APPLETON, NORTH MUNICIPAL WATER TANK OF 2, 1954	" 1032	53			X= 2,417,404 Y= 168,487		φ 44°17'03.355" λ 88°24'21.888"	103.6 (1748.4) 485.3 (845.1)	
					X= Y=		φ λ		
APPLETON, 1954	" 1001	52			X= Y=		φ 44°17'04.113" λ 88°22'28.601"	126.9 (1725.1) 634.2 (696.2)	
APPLETON ZION LUTHERAN CHURCH CROSS, 1954	" 1036	---			X= Y=		φ 44°16'11.340" λ 88°24'20.336"	350.0 (1501.9) 451.0 (879.7)	
					X= Y=		φ λ		
COMPUTED BY A. Rauck, Jr.		9/16/80			COMPUTATION CHECKED BY D. Butler			DATE 9/16/80	
LISTED BY A. Rauck, Jr.		9/10/80			LISTING CHECKED BY D. Butler			DATE 9/15/80	
HAND PLOTTING BY D. Butler		6/24/81			HAND PLOTTING CHECKED BY L. Williams			DATE 6/24/81	

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



## COMPILATION REPORT

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31. DELINEATION

Delineation was by instrument compilation methods using the Wild B-8 stereoplotter and by office interpretation of the 1:20,000 scale color photographs. Quality of the photography was adequate; however, there was not sufficient coverage to cover Davis Point completely, leaving a small portion uncompiled. Photographs ratioed at 1.32 times the contact photo size were processed for field edit.

32. CONTROL

The horizontal control was adequate. Refer to the Photogrammetric Plot Report, dated August 15, 1980.

33. SUPPLEMENTAL DATA

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

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 compilation photography.

35. SHORELINE AND ALONGSHORE DETAILS

Alongshore details were delineated by the Wild B-8 stereoplotter and by office interpretation of the ratioed compilation photography.

36. OFFSHORE DETAILS

Lighthouse Reef was not visible due to insufficient photo coverage.

37. LANDMARKS AND AIDS

There were 44 charted landmarks and 2 charted aids within the mapping limits of this manuscript. Among these, 44 landmarks and 1 aid were located photogrammetrically. Menasha Upper Light 100 could not be identified due to insufficient photo coverage; this aid was located from the high altitude (1:50,000) photography during the aerotriangulation process. Preliminary 76-40 forms were prepared for field edit.

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38. CONTROL FOR FUTURE SURVEYS

None

39. JUNCTIONS

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

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: Neenah, Wisconsin, dated 1955, photorevised 1975; Appleton, Wisconsin, dated 1955, photorevised 1975; and Sherwood and Kaukauna, Wisconsin, both dated 1974.

47. COMPARISON WITH NAUTICAL CHARTS

Comparison was made with Recreational-Craft Chart No. 14916, 5th ed., April 7, 1979--sheets 22 - 1:20,000, 25, 26, 27 at 1:15,000.

ITEMS TO BE APPLIED TO NAUTICAL CHARTS IMMEDIATELY

None

ITEMS TO BE CARRIED FORWARD

None

Submitted by,

*for* *David P. Butler*  
David P. Butler  
Cartographic Technician

Date: July 8, 1981

Approved,

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

## ADDENDUM TO THE COMPILATION REPORT

TP-00651-

FIELD EDIT

The bridge at Lat.  $44^{\circ}15.3'$ , Long.  $88^{\circ}24.9'$  was described by the field editor as being razed and rebuilt. Since no other information was submitted, this bridge is delineated as originally compiled.

A new bridge at Lat.  $44^{\circ}15.4'$ , Long.  $88^{\circ}24.4'$  was compiled from a plan submitted by the field editor. The old bridge still remains and was left as compiled.

Field edit was adequate.

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FIELD EDIT REPORT  
TP-00651 NEENAH  
CM-7812 FOX RIVER  
GREEN BAY TO NEENAH  
WISCONSIN

51. METHODS

This Map was Edited in the Field by boat, by truck, and by foot. All questions were investigated thoroughly, and the answers are to be found on the Discrepancy. A few objects are located on the Planetable Sheet.

There is a new high-level bridge at Appleton, and two (2) plans for it are enclosed. Another bridge at Appleton is in the process of being razed, and it is indicated on the Discrepancy Print.

52. ADEQUACY OF COMPILATION

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

54. RECOMMENDATIONS

There are no recommendations for this Map.

56. GEOGRAPHIC NAMES

No names were questioned on the Map, and no disputes were encountered during the Edit.

57. LANDMARKS AND AIDS

Two (2) Aids on this Map were verified by sextant cuts.

All Landmarks were inspected by boat, and then their photo image was verified on the ground. Those which are also triangulation were recovered, and the notes are submitted herein. Two (2) Landmarks are gone. Form 76-40 is submitted.

2 18 September 1981

Submitted by:

*Philip B. Walbolt*  
Philip B. Walbolt

Chief, Photo Party 631

## REVIEW REPORT TP-00651

## 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:

Neenah, Wisconsin, 1955, photorevised 1975  
Appleton, Wisconsin, 1955, photorevised 1975  
Sherwood, Wisconsin, 1974  
Kaukauna, 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 #22 and #23 at 1:20,000 scale and sheets #25 - #27 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,

*George H. 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-00651

Appleton

Bell Heights

Brighton Beach (Ppl)

Chicago & North Western (RR)

Chicago Milwaukee St. Paul & Pacific (RR)

Davis Point

Doty Island

Fox River

James Island

Lake Winnebago

Little Lake Butte des Morts

Lock 1

Lock 2

Lock 3

Menasha

Menasha Channel

Menasha Lock

Mud Creek

Neenah

Neenah Channel

Neenah Point

Soo Line (RR)

Stroebe Island

Utowana Beach (Ppl)

Waverly Beach (Ppl)

Whispering Pines

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				ORIGINATING ACTIVITY							
<input checked="" type="checkbox"/> TO BE CHARTED <input type="checkbox"/> TO BE REVISED <input type="checkbox"/> TO BE DELETED				REPORTING UNIT (Field Party, Ship or Office) Coastal Mapping Division Atlantic Marine Center Wisconsin				LOCALITY Fox River--Green Bay to Neenah				DATE 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 CM-7812				SURVEY NUMBER TP-00651				DATUM 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			METHOD AND DATE OF LOCATION (See instructions on reverse side)		CHARTS AFFECTED					
		°	'	"	°	'	"	OFFICE	FIELD						
TR	Tower was removed from Chart 14916 between the 1979 and 1981 edition.	44	11	39.69	88	27	49.42	78 E(C) 9856 April 28, 1978	V-VIS August 13, 1981	14916					
TR	East side of lake - in water	44	11	38.80	88	27	54.15	"	"	"					
TR	Center of lake	44	11	40.87	88	28	06.33	"	"	"					
TR	West side of lake - in water	44	11	43.01	88	28	18.73	"	"	"					
STACK	Kimberly Clark Corp.	44	11	42.00	88	28	28.80	"	"	"					
TANK	Kimberly Clark Corp.	44	11	41.93	88	28	29.66	"	"	"					
STACK	Kimberly Clark Corp.	44	11	16.93	88	27	46.20	"	"	"					
STACK	Hospital	44	11	12.64	88	27	13.80	"	"	"					
TANK FR	(Neenah, Municipal Water Tank, 1954)	44	10	39.75	88	26	49.87	78 E(C) 9857	Triang. Rec. Aug. 14, 1981	"					
STACK		44	12	18.19	88	27	21.91	78 E(C) 9855	V-VIS Aug. 13, 1981	"					

1981



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>8. 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                      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>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</b> entirely, or in part, upon control established by photogrammetric methods.
<b>*FIELD POSITIONS are determined by field observations based entirely upon ground survey methods.</b>	

NOAA FORM 76-40 (8-74) Replaces C&GS Form 567.		U.S. DEPARTMENT OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION				ORIGINATING ACTIVITY		
<input checked="" type="checkbox"/> TO BE CHARTED <input type="checkbox"/> TO BE REVISED <input type="checkbox"/> TO BE DELETED		REPORTING UNIT (Field Party, Ship or Office)	STATE	LOCALITY	DATE	<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)		
The following objects HAVE <input checked="" type="checkbox"/> BEEN INSPECTED FROM SEAWARD TO DETERMINE THEIR VALUE AS LANDMARKS. OPR PROJECT NO.		JOB NUMBER CM-7812		DATUM NA 1927		METHOD AND DATE OF LOCATION (See instructions on reverse side)		CHARTS AFFECTED
CHARTING NAME	DESCRIPTION (Record reason for deletion of landmark or aid to navigation. Show triangulation station names, where applicable, in parentheses)	POSITION			OFFICE	FIELD		
		LATITUDE D.M. Meters	LONGITUDE D.P. Meters					
TANK	Stowe-Woodward Co. (floodlighted)	44 12	20.34 628	88 28 41.93 931	78 E(C) 9855 28 April 78	V-VIS 13 Aug. 81	14916	
SPIRE		44 12	14.29 441	88 26 35.91 798	"	"	"	
TANK FR		44 12	12.50 386	88 26 14.79 328	"	"	"	
STACK		44 11	52.63 1624	88 27 07.48 166	"	"	"	
TANK FR		44 11	55.97 1727	88 26 57.86 1285	"	"	"	
STACK	Gilbert Paper Co.	44 11	48.39 1494	88 26 53.83 1195	78 E(C) 9856	"	"	
TANK FR		44 11	42.75 1319	88 27 02.80 62	"	"	"	
SPIRE		44 11	38.15 1178	88 27 17.97 399	"	"	"	
STACK		44 11	45.26 1397	88 27 43.08 957	"	"	"	
TR		44 14	17.28 534	88 26 45.74 1015	78 E(C) 9824 27 April 78	12 August 81	"	

14916

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 entry of method of location or verification, date of field work and number of the photograph used to locate or identify the object.</b> 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>	

NOAA FORM 76-40 (8-74)		U.S. DEPARTMENT OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION				ORIGINATING ACTIVITY	
Replaces C&GS Form 567.		<b>NON-FLOATING AIDS OR LANDMARKS FOR CHARTS</b>				<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)	
<input checked="" type="checkbox"/> TO BE CHARTED <input type="checkbox"/> TO BE REVISED <input type="checkbox"/> TO BE DELETED		REPORTING UNIT (Field Party, Ship or Office)	STATE	LOCALITY	DATE		
		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.		SURVEY NUMBER		DATUM			
OPR PROJECT NO.		JOB NUMBER	NA 1927				
		CM-7812	POSITION				
		LATITUDE		LONGITUDE			
		° /	'	° /	'		
		D.M. Meters	D.P. Meters	D.M. Meters	D.P. Meters		
CHARTING NAME	DESCRIPTION (Record reason for deletion of landmark or aid to navigation. Show triangulation station names, where applicable, in parentheses)	44 14	10.04 310	88 26	49.52 1099	78 E(C) 9824 27 April 78	V-VIS 12 August 81
TR		44 14	9.32 288	88 26	51.93 1152	"	"
TR		44 14	21.80 673	88 26	57.32 1272	"	"
TR		44 14	10.27 317	88 27	08.43 187	"	"
TR		44 14	09.48 292	88 27	08.90 198	"	"
TANK	(Menasha, Banta Publishing Company, Water Tank, 1954)	44 13	54.066 1669	88 26	14.393 319	78 E(C) 9823	Triang. Rec. "
CHY		44 15	15.23 470	88 25	29.64 658	"	V-VIS "
CHY		44 14	55.81 1723	88 24	11.49 255	78 E(C) 9822	" 12 August 81
STACK		44 15	14.94 461	88 24	35.19 781	"	" 14 August 81
R-TR	(Appleton, Wisconsin Michigan Power Company, Radio Tower, 1954)	44 15	18.27 564	88 24	18.71 415	"	Triang. Rec. "

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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 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. 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.	

NOAA FORM 76-40 (6-74) Replaces C&GS Form 567.				U.S. DEPARTMENT OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION				ORIGINATING ACTIVITY			
<input checked="" type="checkbox"/> TO BE CHARTED <input type="checkbox"/> TO BE REVISED <input type="checkbox"/> TO BE DELETED				REPORTING UNIT (Field Party, Ship or Office) Coastal Mapping Div. Atlantic Marine Center Norfolk, VA		STATE Wisconsin		LOCALITY Fox River - Green Bay to Neenah		DATE August 1981	
The following objects HAVE <input checked="" type="checkbox"/> HAVE NOT <input type="checkbox"/> been inspected from seaward to determine their value as landmarks.				JOB NUMBER CM-7812		SURVEY NUMBER TP-00651		DATUM NA 1927		METHOD AND DATE OF LOCATION (See instructions on reverse side)	
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								
STACK		44 15	24.92 769	88 23	54.78 1215	78 E(C) 9821 27 April 78	V-VIS 12 August 81	14916			
STACK		44 15	18.85 582	88 23	55.12 1223	" "	" "	"			
TR		44 15	19.20 592	88 23	34.15 758	" "	" "	"			
TR		44 15	20.41 630	88 23	39.87 884	" "	" "	"			
STACK		44 15	34.49 1064	88 23	29.12 646	" "	" "	"			
STACK		44 15	43.30 1337	88 23	09.80 218	78 E(C) 9821 "	" "	"			
TANK	(Appleton, South Municipal Water Tank of 21954)	44 15	46.543 1437	88 24	43.224 959	78 E(C) 9822 "	Triang. Rec. 14 August 81	"			
SPIRE		44 15	44.06 1360	88 23	56.26 1248	78 E(C) 9821 "	V-VIS 12 August 81	"			
DOME		44 15	39.15 1208	88 23	58.21 1291	" "	" "	"			
R TR FR		44 15	37.01 1142	88 23	54.77 1215	" "	" "	"			

TAK

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>8. 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</b> entirely, or in part, upon control established by photogrammetric methods.
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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</b> entirely, or in part, upon control established by photogrammetric methods.
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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. Mořgala
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 entry of method of location or verification, date of field work and number of the photograph used to locate or identify the object.</b> 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>
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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-2-6-1 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</b> entirely, or in part, upon control established by photogrammetric methods.
*FIELD POSITIONS are determined by field observations based entirely upon ground survey methods.	

