

TP- 00654

TP- 00654

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-00654	<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	
LOCALITY	
<i>State</i> WISCONSIN	
<i>General Locality</i> FOX RIVER, GREEN BAY TO NEENAH	
<i>Locality</i> DE PERE	
<div style="border: 1px solid black; padding: 5px; display: inline-block;"> 1978 TO 19 81 </div>	
REGISTRY IN ARCHIVES	
DATE	

NOAA FORM 76-36A (3-72)		U. S. DEPARTMENT OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMIN.	
DESCRIPTIVE REPORT - DATA RECORD		TYPE OF SURVEY <input checked="" type="checkbox"/> ORIGINAL <input type="checkbox"/> RESURVEY <input type="checkbox"/> REVISED	
PHOTOGRAMMETRIC OFFICE Coastal Mapping Division, Norfolk, VA OFFICER-IN-CHARGE A. Y. Bryson, CDR		SURVEY TP. 00654 MAP EDITION NO. (1) MAP CLASS FINAL JOB PH CM-7812	
PHOTOGRAMMETRIC OFFICE Coastal Mapping Division, Norfolk, VA 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__	
I. INSTRUCTIONS DATED			
1. OFFICE		2. FIELD	
Aerotriangulation March 31, 1980 Compilation September 22, 1980		Horizontal Control June 19, 1978 Field Edit August 25, 1981	
II. DATUMS			
1. HORIZONTAL: <input checked="" type="checkbox"/> 1927 NORTH AMERICAN		OTHER (Specify)	
2. VERTICAL: <input type="checkbox"/> MEAN HIGH-WATER <input type="checkbox"/> MEAN LOW-WATER <input type="checkbox"/> MEAN LOWER LOW-WATER <input type="checkbox"/> MEAN SEA LEVEL		OTHER (Specify) International Great Lakes Datum (1955) Lake Michigan Low Water Datum	
3. MAP PROJECTION Lambert Conformal Conic		4. GRID(S) STATE ZONE Wisconsin Central	
5. SCALE 1:15,000		STATE ZONE	
III. HISTORY OF OFFICE OPERATIONS			
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 Aug. 1980	
3. STEREOSCOPIC INSTRUMENT PLANIMETRY BY COMPILATION CHECKED BY		D. Butler March 1981	
INSTRUMENT: Wild B-8 CONTOURS BY SCALE: 1:15,000 CHECKED BY		F. Margiotta & F. Mauldin March 1981	
4. MANUSCRIPT DELINEATION PLANIMETRY BY METHOD: Smooth drafted CHECKED BY		F. Margiotta June 1981	
SCALE: 1:15,000 HYDRO SUPPORT DATA BY CHECKED BY		F. Mauldin June 1981	
5. OFFICE INSPECTION PRIOR TO FIELD EDIT BY		F. Mauldin June 1981	
6. APPLICATION OF FIELD EDIT DATA BY		M. Mózgala March 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 March 1983	
10. DATA EXAMINED IN PHOTOGRAMMETRIC BRANCH BY		J. Hancock March 1983	
11. MAP REGISTERED - COASTAL SURVEY SECTION BY		Robert Kelly June 1983	

NOAA FORM 76-36B
(3-72)U. S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL OCEAN SURVEYTP-00654
COMPILATION SOURCES

1. COMPILATION PHOTOGRAPHY

CAMERA(S) Wild R.C.-8, "E" (E = 152.71 mm)		TYPES OF PHOTOGRAPHY LEGEND		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		(C) COLOR (P) PANCHROMATIC (I) INFRARED		ZONE Central	<input checked="" type="checkbox"/> STANDARD
				MERIDIAN 90th	<input type="checkbox"/> DAYLIGHT
NUMBER AND TYPE	DATE	TIME	SCALE	STAGE OF TIDE	
78 E(C) 9792-9800	4/27/78	13:37	1:20,000	NA	
78 E(C) 0397-0400	5/6/78	11:10	1:30,000	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
TP-00655	No survey	No survey	TP-00653

REMARKS

TP-00654

HISTORY OF FIELD OPERATIONS

I. ☒ FIELD INSPECTION OPERATION☐ FIELD EDIT OPERATION

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

No horizontal control, established during this field operation, fell within the limits of this map.

TP-00654

HISTORY OF FIELD OPERATIONS

1. ☐ FIELD INSPECTION OPERATION☒ FIELD EDIT OPERATION

OPERATION	NAME	DATE
1. CHIEF OF FIELD PARTY	R. Tibbetts	Oct. 1981
2. HORIZONTAL CONTROL	RECOVERED BY R. Fisher, R. Tibbetts, & J. Koster 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 R. Fisher, R. Tibbetts, & J. Koster 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. Tibbetts	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) 0398, 0399; Matte ratio (x2.029) photos

78 E(C) 9793, 9795, 9796; Matte ratio (x1.343) photos

4. LANDMARKS AND AIDS TO NAVIGATION IDENTIFIED

None

PHOTO NUMBER	OBJECT NAME	PHOTO NUMBER	OBJECT NAME

5. GEOGRAPHIC NAMES:

☐ REPORT☒ NONE

6. BOUNDARY AND LIMITS:

☐ REPORT☒ NONE

7. SUPPLEMENTAL MAPS AND PLANS

None

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

1 paper field edit sheet

1 film field edit sheet

1 field edit report

3 76-40 forms

TP-00654
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	June 1981	Class III Manuscript Superseded	None	None
Field edit applied Compilation complete	Aug. 1982	Class I manuscript	None	None
Final Review	March 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
3	31383	4/11/83	Landmarks for charts
1	"	"	Landmarks to be revised

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 ~~36X~~ 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:

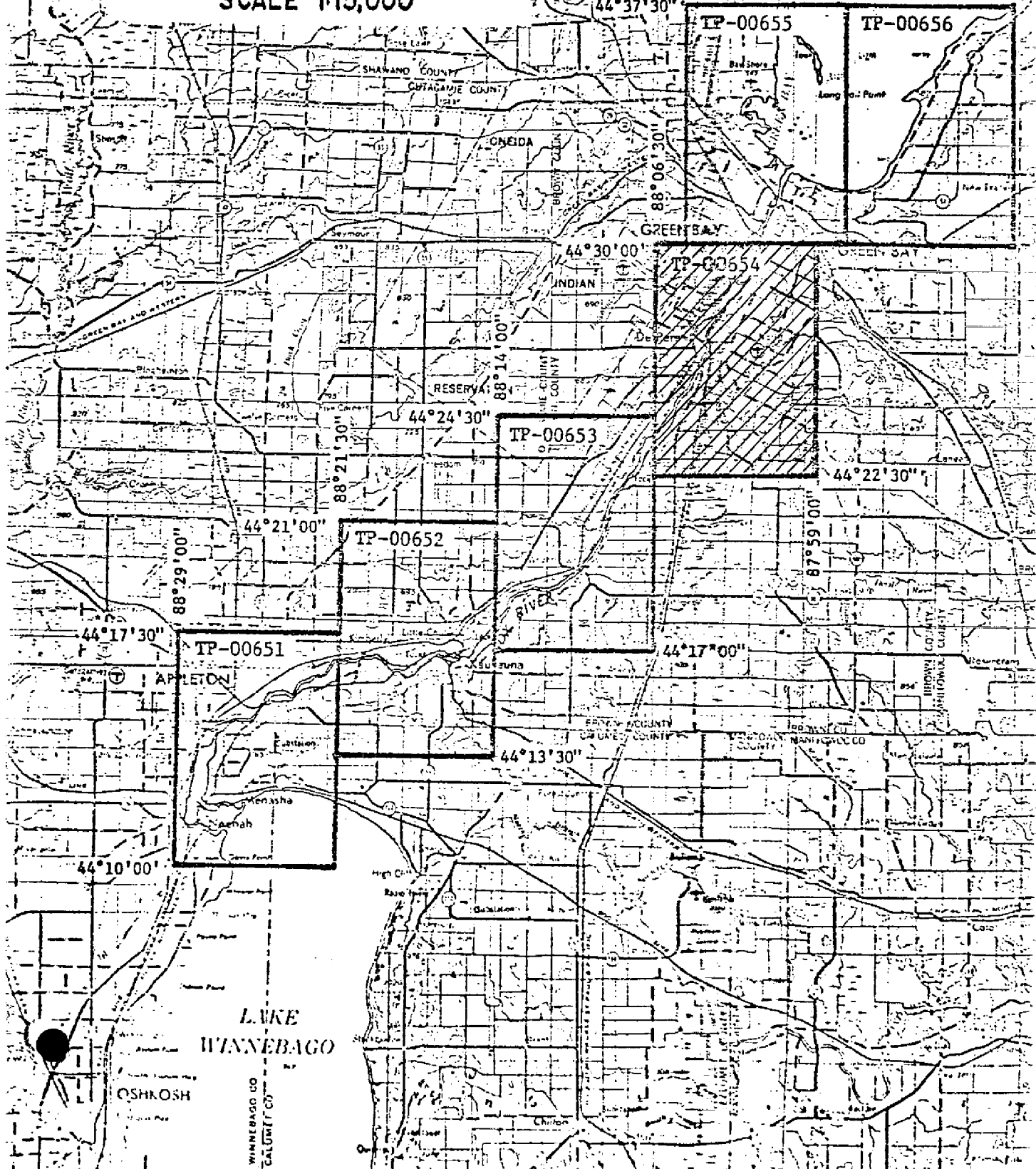
4. ☐ DATA TO FEDERAL RECORDS CENTER. DATE FORWARDED: SEPTEMBER 1983

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

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

6
G.R.E.
1/80000



SUMMARY TO ACCOMPANY
DESCRIPTIVE REPORT

TP-00654

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 northern segment of Fox River, as it extends through the city of De Pere, Wisconsin; also, included is a southern portion of East River.

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 June 1981. Copies of the Class III map were submitted for field edit.

Field edit was performed in October 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 March 1983. A final Chart Maintenance Print was prepared and submitted for the Marine Chart Branch.

TP-00654

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-00654

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 aërotriangulation 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.

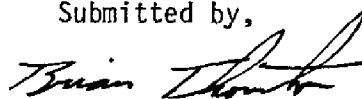
24. Supplemental Data

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

25. Photography

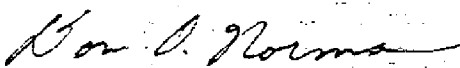
The coverage, overlap, and quality of the photography was adequate for the job.

Submitted by,

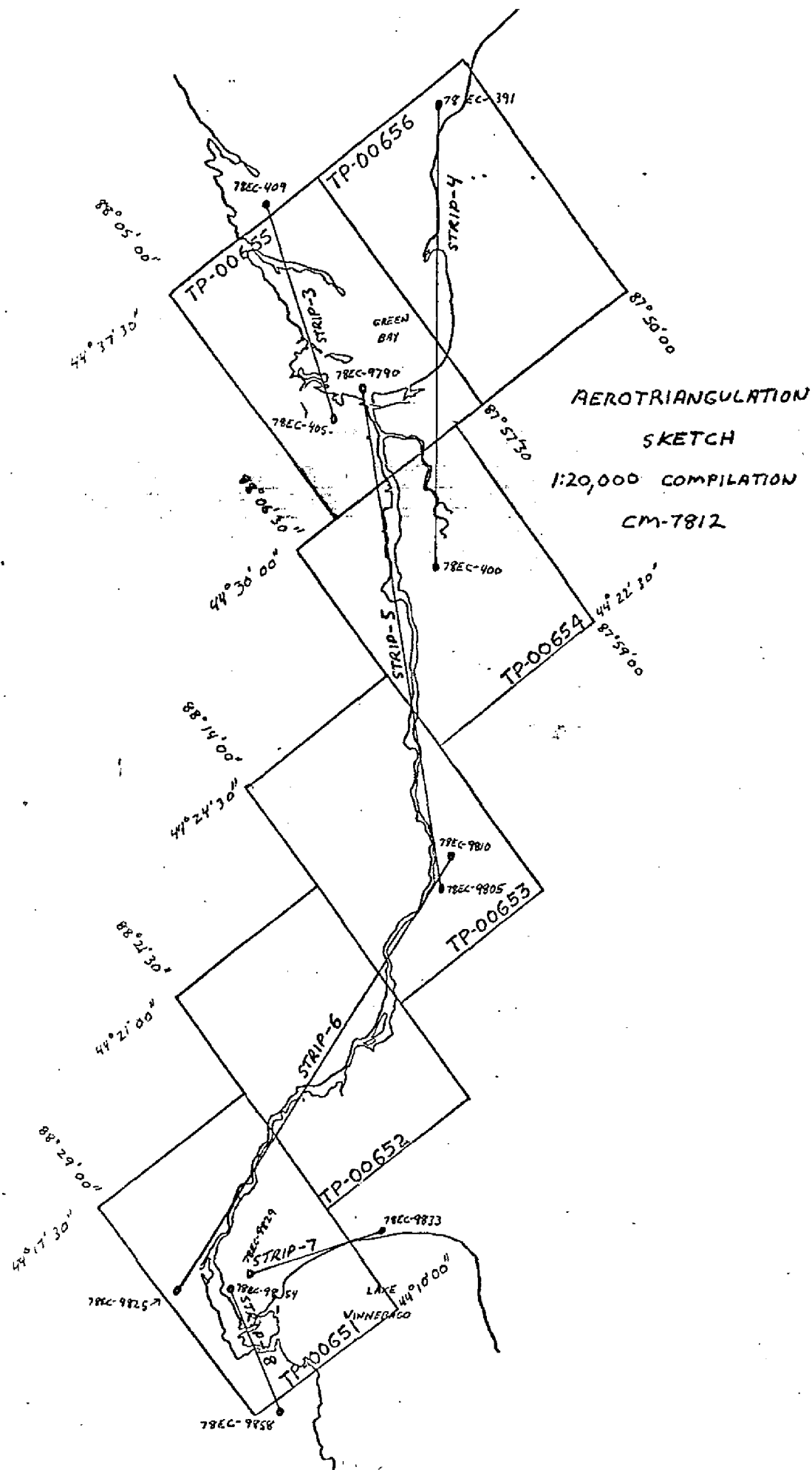


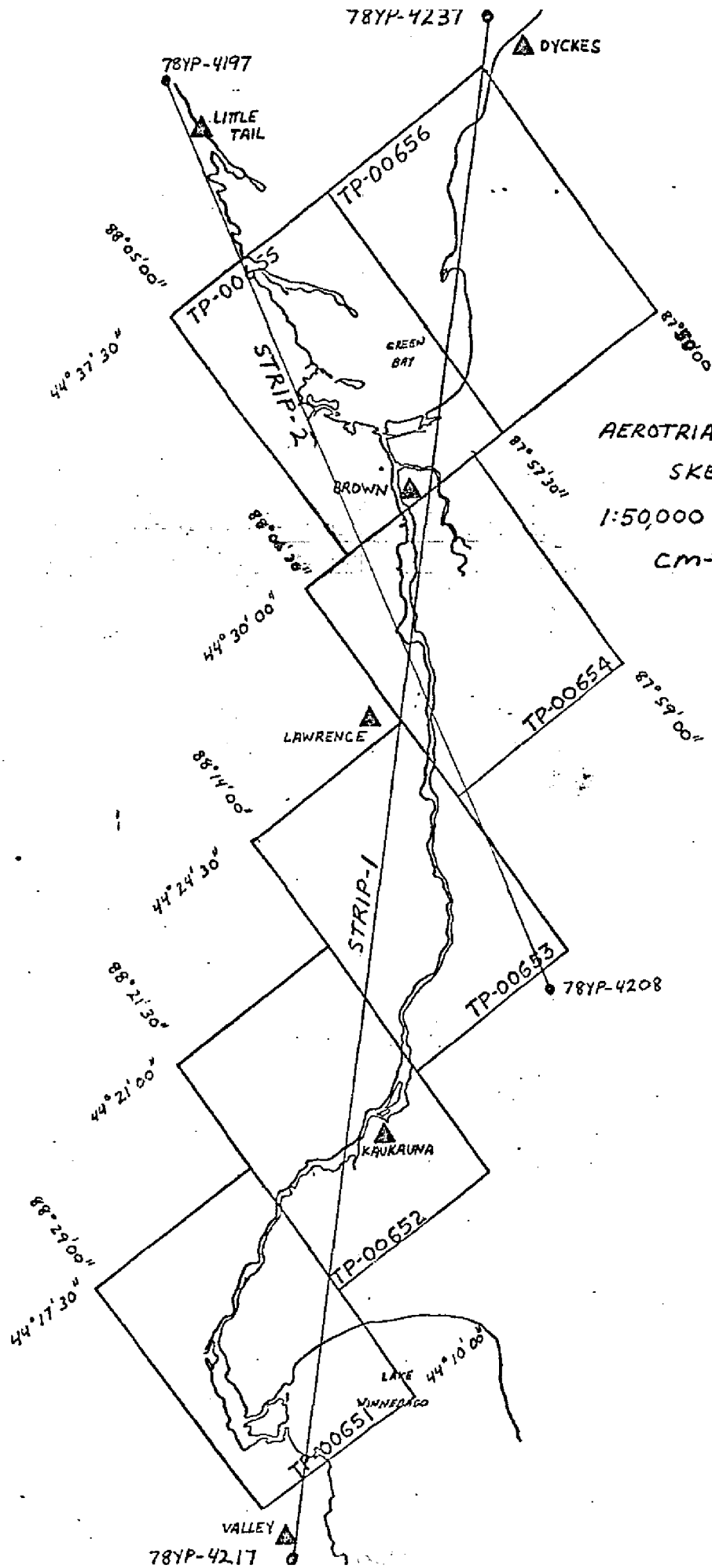
Brian Thornton

Approved and Forwarded:



Don O. Norman
Chief, Aerotriangulation Section





AEROTRIANGULATION
SKETCH
1:50,000 BRIDGING
CM-7812

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. TP-00654		JOB NO. CM-7812	GEODETIC DATUM NA 1927		ORIGINATING ACTIVITY N.O.S.			
STATION NAME	SOURCE OF INFORMATION (Index)	AEROTRI- ANGULATION POINT NUMBER	COORDINATES IN FEET STATE Wisconsin ZONE Central		GEOGRAPHIC POSITION ϕ LATITUDE λ LONGITUDE		REMARKS	
ROCKLAND, 1953	440882 Sta. 1022	45	X= 2,499,171.30		ϕ 44°23'11.835"			
			Y= 207,573.89		λ 88°05'25.569"			
GREEN BAY, TV STATION WBAY MAST, 1953	" 1045	42 A	X=		ϕ 44°24'35.014"			
			Y=		λ 88°00'04.871"			
ASHWAUBENON, RED OWL STORES, WATER TANK, 1953	" 1038	39	X=		ϕ 44°28'59.04"			
			Y=		λ 88°03'08.91"			
ASHWAUBENON, MUNICIPAL WATER TANK, 1953	" 1037	38	X=		ϕ 44°29'19.669"			
			Y=		λ 88°02'35.692"			
WOODROW, 1953	" 1030	36	X=		ϕ 44°29'04.472"			
			Y=		λ 88°01'11.106"			
GREENBAY RADIO STATION WJPG, TALLEST MAST, 1953	440873 " 1039	35	X=		ϕ 44°28'40.811"			
			Y=		λ 87°59'58.603"			
EAST DEPERE (USLS), 1872	440882 " 1008	42	X=		ϕ 44°24'19.455"			
			Y=		λ 88°00'26.773"			
			X=		ϕ			
			Y=		λ			
			X=		ϕ			
			Y=		λ			
			X=		ϕ			
			Y=		λ			
COMPUTED BY A. Rauck		DATE 9/16/80	COMPUTATION CHECKED BY D. Butler		DATE Sept. 16, 1980			
LISTED BY A. Rauck		DATE 9/15/80	LISTING CHECKED BY D. Butler		DATE Sept. 15, 1980			
HAND PLOTTING BY D. Butler		DATE 3/3/81	HAND PLOTTING CHECKED BY Willie Connally		DATE March 3, 1981			

COMPILATION REPORT

TP-00654

31. DELINEATION

Delineation was by instrument compilation methods using the Wild B-8 stereoplotter. The 1:20,000 and 1:30,000 color photography provided adequate coverage. Photographs ratioed as indicated on Form 76-36C 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 were not applicable. Drainage was delineated by the Wild B-8 and office interpretation of the ratio photographs.

35. SHORELINE AND ALONGSHORE DETAILS

Shoreline and alongshore details were delineated by the Wild B-8 stereoplotter and by office interpretation of the ratio photographs.

36. OFFSHORE DETAILS

No unusual problems

37. LANDMARKS AND AIDS

There were 24 landmarks and 0 aids within the limits of this manuscript. Of these, 21 landmarks 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-00654

40. HORIZONTAL AND VERTICAL ACCURACY

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

46. COMPARISON WITH EXISTING MAPS

Comparison was made with U.S.G.S. quadrangles Bellevue, Wisconsin, and De Pere, Wisconsin, 1:24,000 scale, dated 1954, photorevised 1971.

47. COMPARISON WITH NAUTICAL CHARTS

Comparison was made with chart 14916, 1:15,000 scale, dated April 7, 1979; also with chart #14918; 1:25,000 scale; August 4, 1979, 21st edition.

ITEMS TO BE APPLIED TO NAUTICAL CHARTS IMMEDIATELY

None

ITEMS TO BE CARRIED FORWARD

None

Submitted by,

for Jim Byrd
F. Margiotta
Cartographic Technician

June 1981

Approved,

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

ADDENDUM TO THE COMPILATION REPORT

TP-00654

FIELD EDIT

The field editor reported the submerged pipeline at Lat. $44^{\circ}27.6'$, Long. $88^{\circ}03.5'$ to be present but inoperative; no markers above ground locate its position. This pipe is not shown on the manuscript.

Field edit was adequate.

FIELD EDIT REPORT
TP-00654 DEPERE

CM-7812 - Fox River:
Green Bay to Neenah, WISCONSIN

51 METHODS

This Edit was accomplished in the field by boat, by foot, and by truck. Each question was investigated thoroughly, and is answered on the Discrepancy Print.

52 ADEQUACY OF COMPILATION

The Compilation was found to be very good, and it will be both complete and adequate upon the application of this Edit.

54 RECOMMENDATIONS

None.

56 GEOGRAPHIC NAMES


No changes were encountered on this map.

57 LANDMARKS AND AIDS

All landmarks were inspected from seaward, and they are treated in the proper manner on both the map and on the Form 76-40.

10 October 1981

Submitted by:


Robert S. Tibbetts
Chief, Photo Party 62

REVIEW REPORT TP-00654

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:

De Pere, Wisconsin, 1954, photorevised 1971

Bellevue, Wisconsin, 1954, photorevised 1971

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. 14913, 6th edition, July 25, 1981, sheets 31-33 at 1:15,000 scale and No. 14918, 21st edition, August 4, 1979, 1:25,000 scale.

66. ADEQUACY OF RESULTS AND FUTURE SURVEYS:

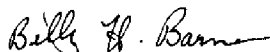
This map complies with the Project Instructions and meets the requirements for National Standards of Map Accuracy.

Submitted by,



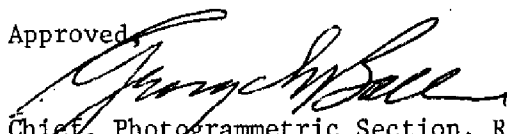
Jerry L. Hancock
Final Reviewer

Approved for forwarding,



Billy H. Barnes
Chief, Photogrammetric Section, AMC

Approved,



Chief, Photogrammetric Section, Rockville



Chief, Photogrammetry Branch

March 1, 1983

GEOGRAPHIC NAMES

FINAL NAME SHEET

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

TP-00654

Allouez

Ashwaubenon Creek

Bower Creek

Chicago & North Western (RR)

Chicago Milwaukee St. Paul & Pacific (RR)

Cooke Park

DePere

DePere Dam

DePere Lock

Dutchman Creek

East River

East River Park

Fox River

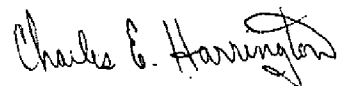
Green Bay

Green Bay Marine Mart

Jones Point

West DePere

Approved by:



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

Replaces C&GS Form 567.

~~NON-DELETING AIDS OR LANDMARKS FOR CHARTS~~U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION

Page 1 of 4

REPORTING UNIT (Field Party, Ship or Office) Coastal Mapping Division Atlantic Marine Center Norfolk, VA				STATE Wisconsin		LOCALITY Fox River-Green Bay to Neenah		DATE Sept. 1981			
TO BE CHARTED		TO BE REVISED		TO BE DELETED		THE FOLLOWING OBJECTS HAVE <input checked="" type="checkbox"/> BEEN INSPECTED FROM SEAWARD TO DETERMINE THEIR VALUE AS LANDMARKS.		ORIGINATING ACTIVITY			
CHARTING NAME		JOB NUMBER CM-7812		SURVEY NUMBER TP-00654		DATUM NA 1927		METHOD AND DATE OF LOCATION (See instructions on reverse side)		CHARTS AFFECTED	
DESCRIPTION (Record reason for deletion of landmark or aid to navigation. Show triangulation station names, where applicable, in parentheses.)		LATITUDE ° / ' / '' D.M. Meters		LONGITUDE ° / ' / '' D.P. Meters		POSITION		OFFICE		FIELD	
TANK		44 27	09.78	88 04	55.27			78 E(C) 9796 27 April 78	V-VIS 19 August 81		14916
STACK	W Stack of 2	44 27	47.16	88 03	39.04			78 E(C) 9795 27 April 78	"		14916 14918
STACK	E Stack of 2	44 27	46.55	88 03	37.25			78 E(C) 9795 27 April 78	"		"
STACK		44 28	15.39	88 02	06.47			78 E(C) 9794 27 April 78	"		"
STACK		44 28	27.25	88 01	46.70			78 E(C) 9794 27 April 78	"		"
TANK	(Ashwaubenon, Red Owl Stores, Water Tank, 1953)	44 28	59.04	88 03	08.91			78 E(C) 9793 27 April 78	"		14916 14918
TANK	(Ashwaubenon, Municipal Water Tank, 1953)	44 29	19.669	88 02	35.692			78 E(C) 9793 27 April 78	"		"
TANK		44 29	34.86	88 02	12.30			78 E(C) 9793 27 April 78	"		"
STACK		44 29	33.37	88 01	56.86			78 E(C) 9793 27 April 78	"		"
STACK		44 29	1030	88 01	1256			78 E(C) 9793 27 April 78	"		"
STACK		44 29	02.27	88 01	50.37			78 E(C) 9793 27 April 78	"		"
STACK		44 29	70	88 01	1113			78 E(C) 9793 27 April 78	"		"

TYPE OF ACTION		RESPONSIBLE PERSONNEL		ORIGINATOR	
OBJECTS INSPECTED FROM SEAWARD		R. Tibbetts	<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		R. Tibbetts	FIELD ACTIVITY REPRESENTATIVE		
FORMS ORIGINATED BY QUALITY CONTROL AND REVIEW GROUP AND FINAL REVIEW ACTIVITIES		M. Mozgala	OFFICE ACTIVITY REPRESENTATIVE		
INSTRUCTIONS FOR ENTRIES UNDER 'METHOD AND DATE OF LOCATION'					
(Consult Photogrammetric Instructions No. 64.)					
OFFICE I. OFFICE IDENTIFIED AND LOCATED OBJECTS Enter the number and date (including month, day, and year) of the photograph used to identify and locate the object. EXAMPLE: 75E(C)6042 8-12-75			FIELD (Cont'd) B. Photogrammetric field positions** require entry of method of location or verification, date of field work and number of the photograph used to locate or identify the object. EXAMPLE: P-8-V 8-12-75 74L(C)2982		
FIELD I. NEW POSITION DETERMINED OR VERIFIED Enter the applicable data by symbols as follows: F - Field L - Located V - Verified 1 - Triangulation 2 - Traverse 3 - Intersection 4 - Resection 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			II. TRIANGULATION STATION RECOVERED When a landmark or aid which is also a triangulation station is recovered, enter 'Triang. Rec.' with date of recovery. EXAMPLE: Triang. Rec. 8-12-75 III. POSITION VERIFIED VISUALLY ON PHOTOGRAPH Enter 'V-Vis.' and date. EXAMPLE: V-Vis. 8-12-75 **PHOTOGRAMMETRIC FIELD POSITIONS are dependent entirely, or in part, upon control established by photogrammetric methods.		
*FIELD POSITIONS are determined by field observations based entirely upon ground survey methods.					

RESPONSIBLE PERSONNEL	
TYPE OF ACTION	NAME
OBJECTS INSPECTED FROM SEAWARD	R. Tibbetts
POSITIONS DETERMINED AND/OR VERIFIED	R. Tibbetts
FORMS ORIGINATED BY QUALITY CONTROL AND REVIEW GROUP AND FINAL REVIEW ACTIVITIES	M. Mozgala
INSTRUCTIONS FOR ENTRIES UNDER 'METHOD AND DATE OF LOCATION'	
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OBJECTS INSPECTED FROM SEAWARD		R. Tibbetts	<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		R. Tibbetts	FIELD ACTIVITY REPRESENTATIVE
FORMS ORIGINATED BY QUALITY CONTROL AND REVIEW GROUP AND FINAL REVIEW ACTIVITIES		M. Mozgala	<input type="checkbox"/> OFFICE ACTIVITY REPRESENTATIVE <input type="checkbox"/> REVIEWER <input type="checkbox"/> QUALITY CONTROL AND REVIEW GROUP REPRESENTATIVE
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[illegible]

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POSITIONS DETERMINED AND/OR VERIFIED	R. Tibbetts
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