

TP-00653

TP-00653

NOAA FORM 76-35 (3-76)	
U.S. DEPARTMENT OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION NATIONAL OCEAN SURVEY	
DESCRIPTIVE REPORT	
Map No. TP-00653	Edition No. 1
Job No. CM-7812	
Map Classification FINAL, FIELD EDITED MAP	
Type of Survey SHORELINE	
LOCALITY	
State WISCONSIN	
General Locality FOX RIVER, GREEN BAY TO NEENAH	
Locality LITTLE RAPIDS	
1978 TO 1981	
REGISTRY IN ARCHIVES	
DATE	

NOAA FORM 76-36A (3-72) <div style="text-align: right; font-size: small;">U. S. DEPARTMENT OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMIN.</div>		TYPE OF SURVEY <input checked="" type="checkbox"/> ORIGINAL <input type="checkbox"/> RESURVEY <input type="checkbox"/> REVISED		SURVEY TP. <u>00653</u> MAP EDITION NO. (1) MAP CLASS FINAL JOB <u>PHCM-7812</u>	
DESCRIPTIVE REPORT - DATA RECORD					
PHOTOGRAMMETRIC OFFICE Coastal Mapping Division, Norfolk, VA		LAST PRECEDING MAP EDITION TYPE OF SURVEY <input type="checkbox"/> ORIGINAL <input type="checkbox"/> RESURVEY <input type="checkbox"/> REVISED			
OFFICER-IN-CHARGE A. Y. Bryson, CDR		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 METHOD: Analytic LANDMARKS AND AIDS BY		B. Thornton		Aug. 1980	
2. CONTROL AND BRIDGE POINTS METHOD: Calcomp PLOTTED BY		B. Thornton		Aug. 1980	
3. STEREOSCOPIC INSTRUMENT COMPILATION INSTRUMENT: Wild B-8 SCALE: 1:15,000		CHECKED BY D. Butler		Sept. 1980	
4. MANUSCRIPT DELINEATION METHOD: Smooth drafted SCALE: 1:15,000		CHECKED BY F. Margiotta & F. Mauldin		April 1981	
5. OFFICE INSPECTION PRIOR TO FIELD EDIT		NA		NA	
6. APPLICATION OF FIELD EDIT DATA		NA		NA	
7. COMPILATION SECTION REVIEW		P. L. Evans, Jr.		June 1981	
8. FINAL REVIEW		F. Mauldin		June 1981	
9. DATA FORWARDED TO PHOTOGRAMMETRIC BRANCH		F. Mauldin		June 1981	
10. DATA EXAMINED IN PHOTOGRAMMETRIC BRANCH		M. Mozgala		April 1982	
11. MAP REGISTERED - COASTAL SURVEY SECTION		C. Blood		Aug. 1982	
12. MAP REGISTERED - COASTAL SURVEY SECTION		C. Blood		Aug. 1982	
13. FINAL REVIEW		J. Hancock		Feb. 1983	
14. DATA FORWARDED TO PHOTOGRAMMETRIC BRANCH		J. Hancock		Mar. 1983	
15. DATA EXAMINED IN PHOTOGRAMMETRIC BRANCH		Robert Kelly ¹		June 1983	
16. MAP REGISTERED - COASTAL SURVEY SECTION		D. Wolfe		Oct 4 1983	

NOAA FORM 76-36B
(3-72)U. S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL OCEAN SURVEYTP-00653
COMPILATION SOURCES

1. COMPILATION PHOTOGRAPHY

CAMERA(S) Wild RC-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 MERIDIAN 90th <input checked="" type="checkbox"/> STANDARD <input type="checkbox"/> DAYLIGHT	
NUMBER AND TYPE	DATE	TIME	SCALE	STAGE OF TIDE	
78 E(C) 9799-9805 ✓	4/27/78	13:37 ✓	1:20,000	NA	
78 E(C) 9810-9814 ✓	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-00654	No survey	TP-00652

REMARKS

NOAA FORM 76-36C
(3-72)U. S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL OCEAN SURVEY

TP-00653

HISTORY OF FIELD OPERATIONS

I. ☒ 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 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 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: ☐ 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)

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

TP-00653
HISTORY OF FIELD OPERATIONSI. ☐ FIELD INSPECTION OPERATION☒ FIELD EDIT OPERATION

OPERATION	NAME	DATE
1. CHIEF OF FIELD PARTY	R. Tibbetts	Aug. 1981
2. HORIZONTAL CONTROL	RECOVERED BY J. Koster	Aug. 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 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) 78 E(C) 9800, 9801, 9802, 9803, 9810, 9811 and 9812; Matte Ratio Photos (9800 - 9803 ratioed to 1.343) (9810 - 9812 ratioed to 1.331)			
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)			
1 film field edit sheet - 1 field edit report 2 76-40 forms			

NOAA FORM 76-36D
(3-72)U. S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATIONTP-00653
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	August 1982	Class I manuscript	None	None
Final Review	Feb. 1983	Final Map	4/11/83	None

II. LANDMARKS AND AIDS TO NAVIGATION

I. REPORTS TO MARINE CHART DIVISION, NAUTICAL DATA BRANCH

NUMBER (pages)	CHART LETTER NUMBER ASSIGNED	DATE FORWARDED	REMARKS
1	31383	4/11/83	LANDMARKS FOR CHARTS
1	"	"	NONFLOATING AIDS FOR CHARTS
	"	"	

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:

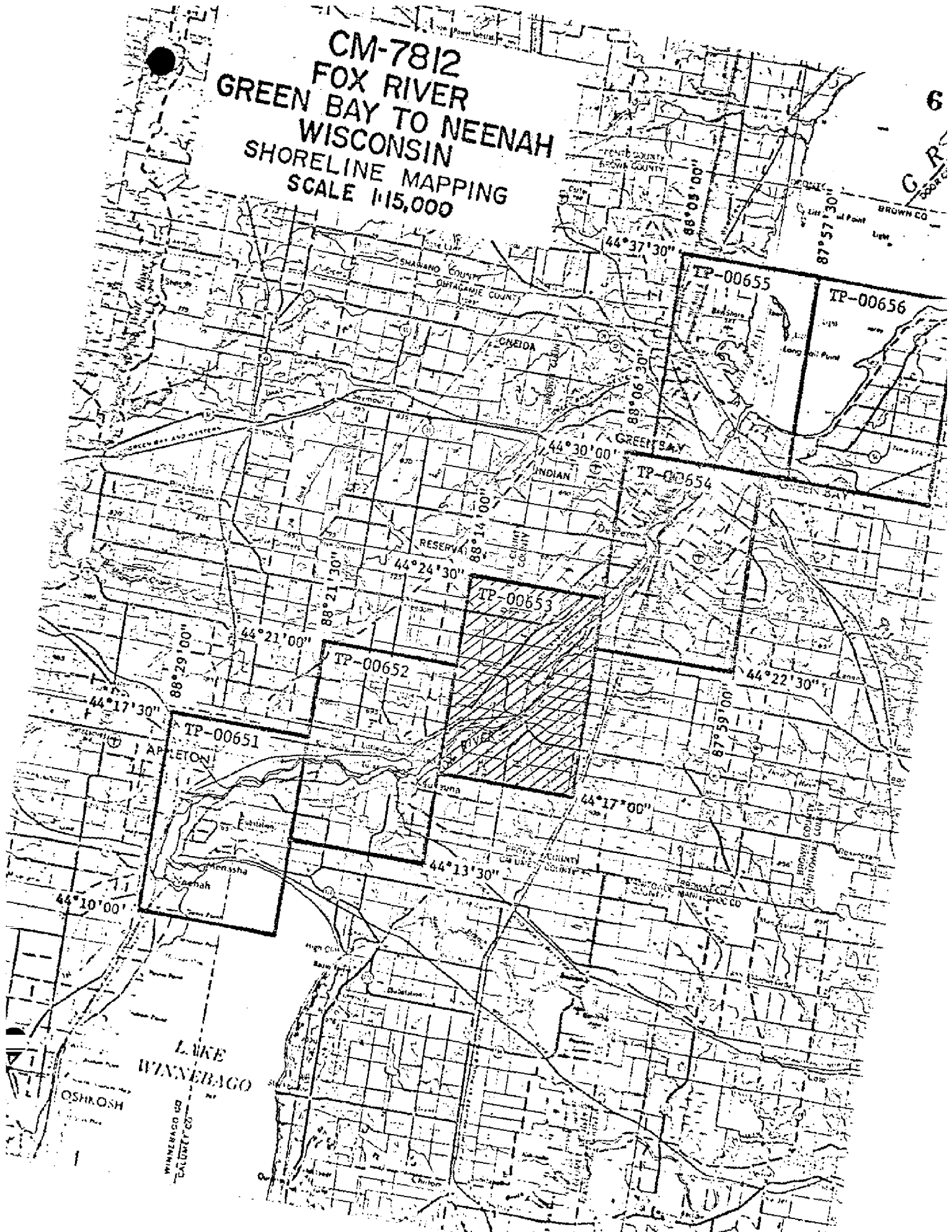
4. ☐ DATA TO FEDERAL RECORDS CENTER. DATE FORWARDED: September 1983

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



SUMMARY TO ACCOMPANY
DESCRIPTIVE REPORT

TP-00653

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 Long. 88°06.5' and extending to Long. 88°14.0'; this area covers three pool levels separated by two 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 June 1981. Copies of the Class III map were submitted for field edit.

Field edit was performed in August 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-00653

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-00653

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

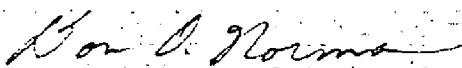
The coverage, overlap, and quality of the photography was adequate for the job.

Submitted by,

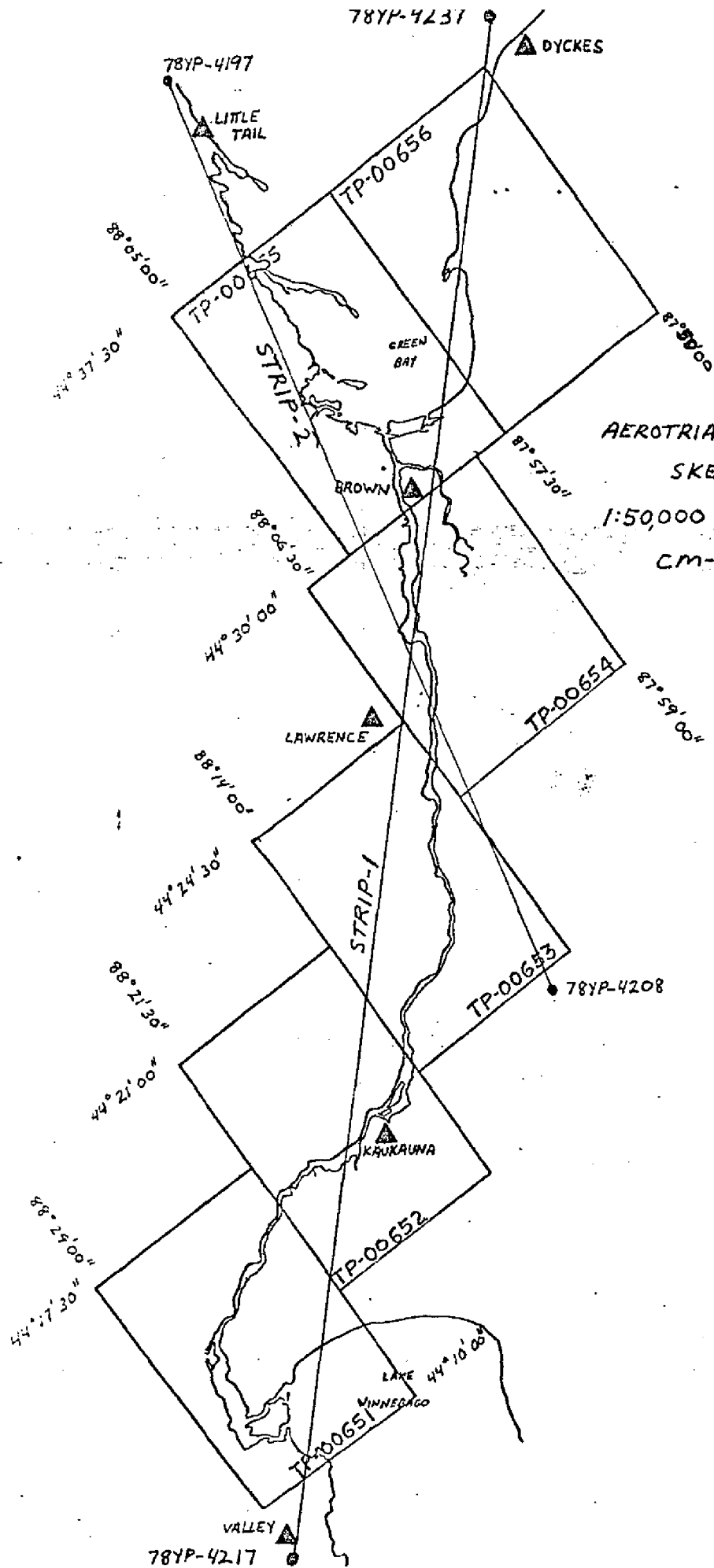


Brian Thornton

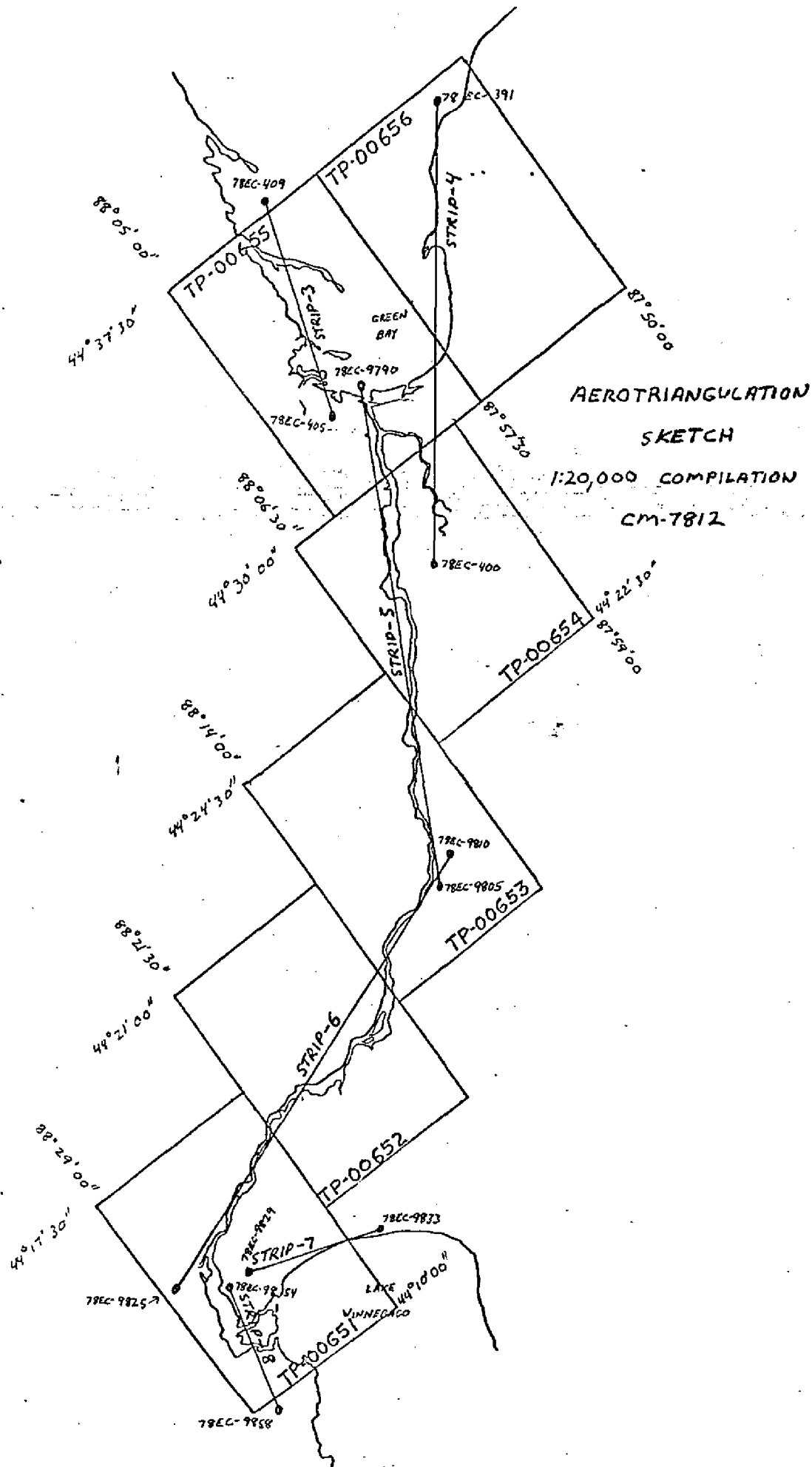
Approved and Forwarded:



Don O. Norman
Chief, Aerotriangulation Section



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.	JOB NO.	STATION NAME	SOURCE OF INFORMATION (Index)	AEROTRI- ANGULATION POINT NUMBER	GEODETTIC DATUM		ORIGINATING ACTIVITY		
					STATE	ZONE	COORDINATES IN FEET	GEOGRAPHIC POSITION ϕ LATITUDE λ LONGITUDE	REMARKS
TP-00653	CM-7812				NA 1927				
		WRIGHTS, 1953	440882 Sta. 1029	47					
					X= 2,473,068.93		ϕ 44°20'59.999"		1851.9 (00.1)
					Y= 193,622.36		λ 88°11'29.199"		646.7 (682.2)
					X=		ϕ		
					Y=		λ		
					X=		ϕ		
					Y=		λ		
					X=		ϕ		
					Y=		λ		
					X=		ϕ		
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					X=		ϕ		
					Y=		λ		
					X=		ϕ		
					Y=		λ		
COMPUTED BY	A. Rauck				COMPUTATION CHECKED BY	D. Butler			DATE Sept. 16, 1980
LISTED BY	A. Rauck				LISTING CHECKED BY	D. Butler			DATE Sept. 15, 1980
HAND PLOTTING BY	Coradomat				HAND PLOTTING CHECKED BY	P. Evans			DATE May 1981

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

COMPILATION REPORT

TP-00653

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. The compilation photography was adequate. Photographs ratioed at 1.34 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. Drainage was delineated by the Wild B-8 and ratio photographs.

35. SHORELINE AND ALONGSHORE DETAILS

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

36. OFFSHORE DETAILS

No unusual problems

37. LANDMARKS AND AIDS

Within the limits of this manuscript, there were 8 landmarks and 2 aids to navigation. All were located photogrammetrically. Preliminary 76-40 forms were prepared for field edit.

38. CONTROL FOR FUTURE SURVEYS

None

TP-00653

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 Wrightstown, Wisconsin, and Oneida South, Wisconsin, U.S.G.S. Quadrangles, both 1:24,000 scale and dated 1974, and De Pere, Wisconsin, 1:24,000 scale, dated 1954, photorevised 1971.

47. COMPARISON WITH NAUTICAL CHARTS

Comparison was made with Recreational-Craft Chart No. 14916, 5th ed., April 7, 1979, sheets 28, 29, 30 and 31 at scale 1:15,000.

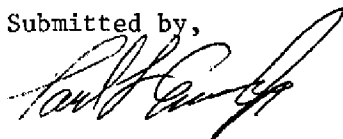
ITEMS TO BE APPLIED TO NAUTICAL CHARTS IMMEDIATELY

None

ITEMS TO BE CARRIED FORWARD

None

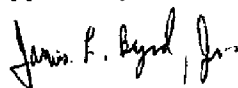
Submitted by,



P. L. Evans
Cartographic Technician

June 1981

Approved,



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

ADDENDUM TO THE COMPILATION REPORT

TP-00653

FIELD EDIT

An adequate field edit was accomplished.

FIELD EDIT REPORT

TP-00653 Little Rapids
CM-7812 Fox River: Green Bay
to Neenah, Wisconsin

51 METHODS

The Edit was accomplished in the field by boat, by foot, and by truck. Each question was investigated thoroughly, and is answered on the photographs. ~~Discrepancy Print or~~ Master Field Edit Film.

52 ADEQUACY OF COMPILATION

This Compilation was found to be good, and it will be both complete and adequate upon the application of this edit.

53 RECOMMENDATIONS

None.


56 GEOGRAPHIC NAMES

There were no conflicts noted during this edit.

57 LANDMARKS AND AIDS

The Landmarks were checked from the river by skiff. The photo image of each was verified by ground comparison.

Approved and Forwarded:


Robert S. Tibbetts
Chief, Photo Party #62

Submitted By:

Jerome M. Koster
Surveying Technician

REVIEW REPORT TP-00653

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:

Wrightstown, Wisconsin, dated 1974

Oneida South, Wisconsin, dated 1974

De Pere, Wisconsin, dated 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 #14916, 6th edition, July 25, 1981, sheets 28-31, 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,

Jeffrey L. Hancock
Jeffrey L. Hancock
Final Reviewer

Approved for forwarding,

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

Approved,

James H. Barnes
Chief, Photogrammetric Section, Rockville

John D. Perrow Jr.
for
Chief, Photogrammetry Branch

March 1, 1983

GEOGRAPHIC NAMES

FINAL NAME SHEET

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

TP-00653

Apple Creek

Chicago & North Western (RR)

Fox River

Little Kaukauna Dam

Little Kaukauna Lock

Little Rapids (Ppl)

Plum Creek

Rapids Croche Dam

Corrected: Rapide

Wrightstown

92H

Rapids Croche Lock -- Added during Final Review.

92H

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

[illegible]

RESPONSIBLE PERSONNEL	
TYPE OF ACTION	NAME
OBJECTS INSPECTED FROM SEAWARD	R. Tibbets
POSITIONS DETERMINED AND/OR VERIFIED	J. Koster
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.)	
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) 8. 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 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	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.	

[illegible]

RESPONSIBLE PERSONNEL	
TYPE OF ACTION	NAME
OBJECTS INSPECTED FROM SEAWARD	R. Tibbetts
POSITIONS DETERMINED AND/OR VERIFIED	J. Koster
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.)	
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.	

