

TP-00011

TP-00011

NOAA FORM 76-35

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

## DESCRIPTIVE REPORT

Type of Survey Shoreline Mapping  
(Chart Compilation)  
Job No. CM-7721 Map No. TP-00011  
Classification No. Final Edition No. 1  
Field Edited Map

### LOCALITY

State Wisconsin  
General Locality Lake Michigan  
Locality Baileys Harbor

19 73 TO 19 78

### REGISTRY IN ARCHIVES

DATE .....

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 (Rockville)		SURVEY TP. 00011  MAP EDITION NO. (1)  MAP CLASS Final  JOB PH-CM-7721	
OFFICER-IN-CHARGE  Cdr. James Collins		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>			
1. OFFICE		2. FIELD	
Instructions - COMPILATION - 10/14/77  Memorandum Instructions - VERTICAL DATUM REFERENCES for Map Features, Photogrammetric Surveys, Great Lakes - 7/13/76			
<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) Lake Michigan Low Water Datum based on the International Great Lakes Datum 1955	
3. MAP PROJECTION  Lambert Conformal Conic		4. GRID(S) STATE Wisconsin ZONE Central	
5. SCALE 1:10,000		STATE ZONE	
<b>III. HISTORY OF OFFICE OPERATIONS</b>			
OPERATIONS		NAME	DATE
1. AEROTRIANGULATION METHOD: LANDMARKS AND AIDS BY		N/A N/A	
2. CONTROL AND BRIDGE POINTS METHOD: Coradomat PLOTTED BY		H Jones 10/17/77 CHECKED BY N/A	
3. STEREOSCOPIC INSTRUMENT COMPILATION PLANIMETRY BY		G Vanderhaven 10/21/77 CHECKED BY G Fromm 10/21/77	
INSTRUMENT: Wild B-8 SCALE: 1:10,000 CONTOURS BY		N/A CHECKED BY N/A	
4. MANUSCRIPT DELINEATION METHOD: Smooth Drafting PLANIMETRY BY		G Vanderhaven 10/25/77 CHECKED BY G Fromm 10/25/77	
SCALE: 1:10,000 CONTOURS BY CHECKED BY N/A HYDRO SUPPORT DATA BY		N/A CHECKED BY N/A	
5. OFFICE INSPECTION PRIOR TO FIELD EDIT BY		G Vanderhaven 11/11/77	
6. APPLICATION OF FIELD EDIT DATA BY		N/A	
CHECKED BY		N/A	
7. COMPILATION SECTION REVIEW BY		G Fromm 8/23/78	
8. FINAL REVIEW BY		G Fromm 8/25/78	
9. DATA FORWARDED TO PHOTOGRAMMETRIC BRANCH BY		G Fromm 8/28/78	
10. DATA EXAMINED IN PHOTOGRAMMETRIC BRANCH BY		F Watts 9/15/78	
11. MAP REGISTERED - COASTAL SURVEY SECTION BY		R CAJDE 11/2/78	

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

TP-00011

## COMPILATION SOURCES

## 1. COMPILATION PHOTOGRAPHY

CAMERA(S) Wild RC-8 (L) Camera focal length = 152.21 mm		TYPES OF PHOTOGRAPHY LEGEND		TIME REFERENCE	
TIDE STAGE REFERENCE		(C) <u>COLOR</u> (P) PANCHROMATIC (I) INFRARED		ZONE	<input checked="" type="checkbox"/> STANDARD
<input type="checkbox"/> PREDICTED TIDES <input checked="" type="checkbox"/> REFERENCE STATION RECORDS <input type="checkbox"/> TIDE CONTROLLED PHOTOGRAPHY				MERIDIAN	<input type="checkbox"/> DAYLIGHT
NUMBER AND TYPE	DATE	TIME	SCALE	STAGE OF TIDE	
73L(C) 8408-8410	9/30/73	1016	1:30,000	+4.01 Ft. Lake Michigan Low Water Datum Milwaukee gauge.	

REMARKS The lake level at time of the photography was 580.87 feet based on the International Great Lakes Datum 1955 (Milwaukee gauge).

## 2. SOURCE OF MEAN HIGH-WATER LINE:

The source of the shoreline is the photography listed above. Refer to paragraph 35 of the Compilation Report bound with this Descriptive Report.

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

None

## 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	Contemporary	Surveys-----

REMARKS

TP-00011

## HISTORY OF FIELD OPERATIONS

I. ☐ FIELD INSPECTION OPERATION☒ FIELD EDIT OPERATION

OPERATION	NAME	DATE
1. CHIEF OF FIELD PARTY      Photo Party 62	Robert S. Tibbetts	6/15/78
2. HORIZONTAL CONTROL	RECOVERED BY NA ESTABLISHED BY NA PRE-MARKED OR IDENTIFIED BY NA	
3. VERTICAL CONTROL	RECOVERED BY NA ESTABLISHED BY NA PRE-MARKED OR IDENTIFIED BY NA	
4. LANDMARKS AND AID TO NAVIGATION	RECOVERED (Triangulation Stations) BY NA LOCATED (Field Methods) BY NA IDENTIFIED BY R. Tibbetts	6/15/78
5. GEOGRAPHIC NAMES INVESTIGATION	TYPE OF INVESTIGATION <input type="checkbox"/> COMPLETE <input type="checkbox"/> SPECIFIC NAMES ONLY BY <input checked="" type="checkbox"/> NO INVESTIGATION	NA
6. PHOTO INSPECTION	CLARIFICATION OF DETAILS BY R Tibbetts	6/15/78
7. BOUNDARIES AND LIMITS	SURVEYED OR IDENTIFIED BY NA	

## II. SOURCE DATA

1. HORIZONTAL CONTROL IDENTIFIED NA		2. VERTICAL CONTROL IDENTIFIED NA	
PHOTO NUMBER	STATION NAME	PHOTO NUMBER	STATION DESIGNATION
3. PHOTO NUMBERS (Clarification of details) 73L(C) 8409			
4. LANDMARKS AND AID TO NAVIGATION IDENTIFIED Two Lights			
PHOTO NUMBER	OBJECT NAME	PHOTO NUMBER	OBJECT NAME
73L(C) 8409	Directional Light		
73L(C) 8409	Breakwater Light		
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) Field Edit Report Two 76-40 Forms Discrepancy Print			

TP-00011

## 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	11/11/77	Class III Map Field Edit postponed		
Final reviewed prior to registration	11/18/77	Class III Map	1/24/78	
Final Compilation	8/23/78	Field Edit Applied Class I Map		
Final reviewed	8/25/78	Field Edited Map	10/11/78	9/12/78

## II. LANDMARKS AND AIDS TO NAVIGATION

## 1. REPORTS TO MARINE CHART DIVISION, NAUTICAL DATA BRANCH

NUMBER	CHART LETTER NUMBER ASSIGNED	DATE FORWARDED	REMARKS
2		1/24/78	(2 Aids, one landmark)
3		10/11/78	(2 Aids, one landmark)

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. Including  
2. ☐ CONTROL STATION IDENTIFICATION CARDS; ☒ DATA FORM NOS 567 SUBMITTED BY FIELD PARTIES. Annotated Photo  
3. ☐ SOURCE DATA (except for Geographic Names Report) AS LISTED IN SECTION II, NOAA FORM 76-36C.  
ACCOUNT FOR EXCEPTIONS:

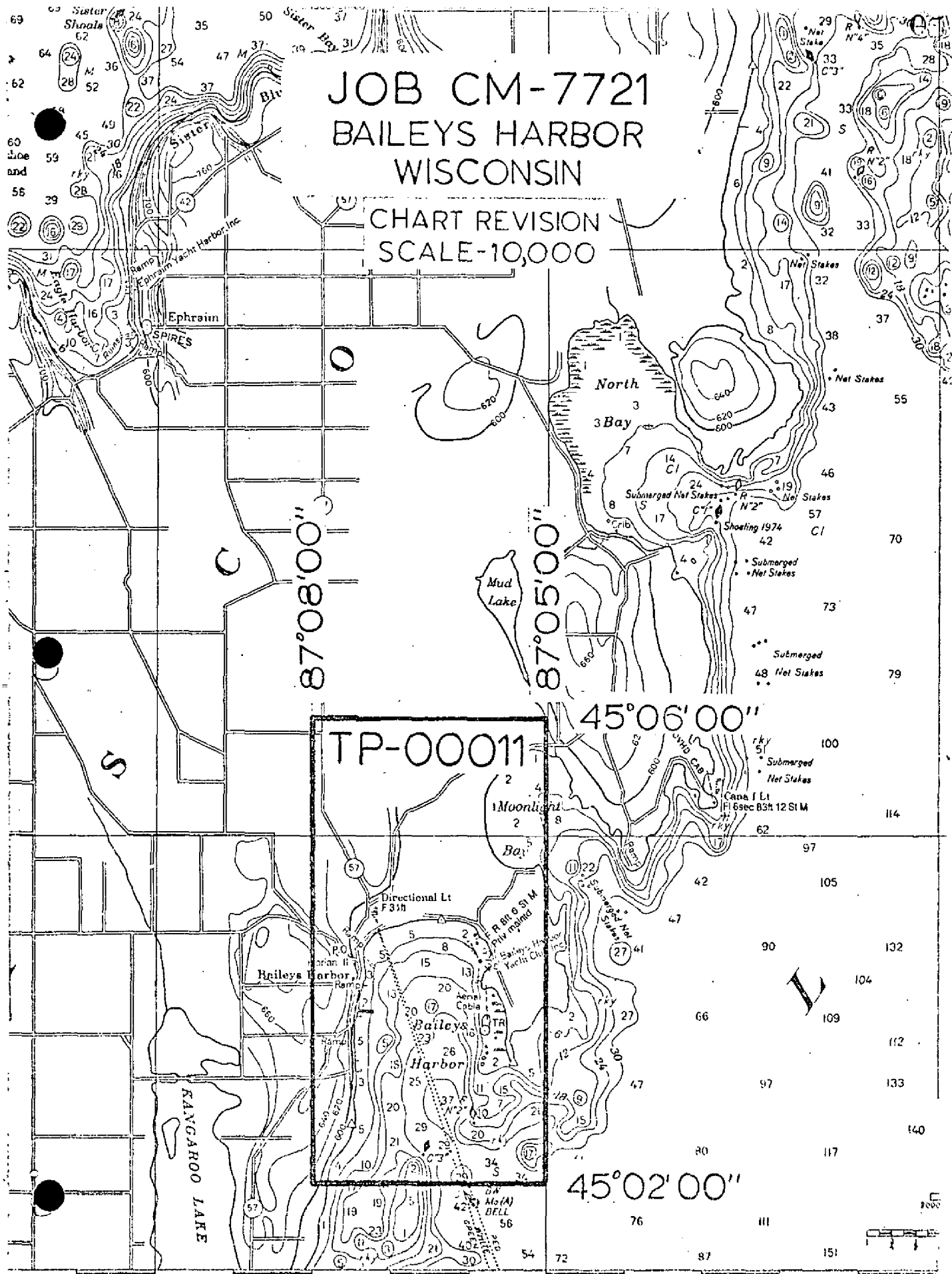
4. ☐ DATA TO FEDERAL RECORDS CENTER. DATE FORWARDED: \_\_\_\_\_

## 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	

# JOB CM-7721 BAILEYS HARBOR WISCONSIN

CHART REVISION  
SCALE-10,000



87°10'

87°05'

11-8-77

87°

SUMMARY TO ACCOMPANY DESCRIPTIVE REPORT  
TP-00011

TP-00011 is the only map in Job CM-7721. It covers the area of Baileys Harbor, Lake Michigan, Wisconsin. The purpose of this job is to provide a 1:10,000 scale shoreline map for construction of a new inset on Chart 14909.

Field operations preceding compilation consisted of establishing horizontal control. This work was accomplished August 8-12, 1977. Eleven points were established to control one B-8 model. This control was established using NGS Third-order, Class 1 methods and procedures.

Descriptions and geographic positions of these points were furnished by the Operations Division, Atlantic Marine Center (CAM1023). All field data is on file at that office.

Compilation was performed in the Special Projects Section, Rockville Office, in October 1977.

Field Edit was completed in June 1978.

Final Review was accomplished in the Special Projects Section (Rockville) during August 1978.

This Descriptive Report contains all reports and listings of data used to complete the job.

## FIELD INSPECTION

There was no field inspection prior to compilation. Field work accomplished was limited to establishing horizontal control necessary for stereo instrument compilation.



TP-00011  
Compilation Report

Horizontal control for this map was located by field methods. Descriptions and geographic position for eleven field established horizontal control points were furnished.

31. Delineation

This map was compiled on a Wild B-8 stereoplotter using 1:30,000 scale photography. Ten field located control points were office identified on the photography and used to horizontally orientate the instrument compilation. Pass points were dropped during compilation of model 73-L (C) 4809, 4810. This control was used for the orientation of model 73-L(C) 4808, 4809, which was used to compile detail south of latitude 45-02-30 N. The control point not used was the Directional Light which was not visible on the photography.

32. Control

The identification, density, and placement of horizontal control was adequate.

33. Supplemental Data

None

34. Contours and Drainage

Not applicable.

35. Shoreline and Alongshore Detail

The shoreline delineated is the visible line of contact between land and water at the time of photography.

All features were delineated by office interpretation of the color photography.

There was no preliminary field inspection of the shoreline.

36. Offshore Details

No unusual problems were encountered in compiling details offshore.

37. Landmarks and Aids

Refer to the 76-40 listings bound with this Descriptive Report.

The landmark shown on this map was ~~not~~ inspected from seaward to determine its value.

38. Control for Future Surveys

No form 524 was submitted.

39. Junctions

Refer to form 76-368, item #5, of the Descriptive Report.

40. thru 45.

Inapplicable.

46. Comparison with Existing Maps

A comparison was made with the following USGS quadrangle:

Sister Bay, Wisconsin, 1:62,500 scale, 1960 Edition.

No significant differences were noted.

47. Comparison with Nautical Charts

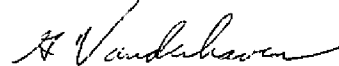
A comparison was made with the following chart:

14909 (formerly LS-702), 1:80,000 scale, 13th Edition, dated 10/18/75.

Items to be Applied to Nautical Charts Immediately - None

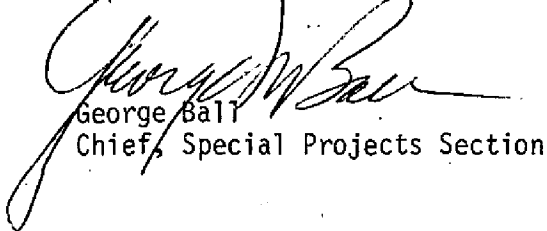
Items to be Carried Forward - None.

Submitted by:



G. Vanderhaven

Approved and Forwarded:



George Ball  
Chief, Special Projects Section

## FIELD EDIT REPORT

JOB CM-7721

BAILEYS HARBOR, WISCONSIN

TP-00011

51 METHODS

Field edit of this manuscript was accomplished by truck and by observations made at vantage points along the shore.

52 ADEQUACY OF COMPILATION

The compilation is generally good and no outstanding discrepancies were noted. Upon application of field edit the manuscript should be considered complete.

53 MAP ACCURACY

No accuracy test were performed.

54 RECOMMENDATIONS

NONE

Respectively submitted:

*for: Leo L. Buegnet*  
Robert S. Tibbetts  
Surveying Technician  
2 August 1978

FIELD EDIT APPLICATION REPORT  
TP-00011

There were no unusual problems encountered during the application of Field Edit data.

NOAA FORM 75-74  
(7-75)U.S. DEPARTMENT OF COMMERCE  
NOAA  
NATIONAL OCEAN SURVEY

## PHOTOGRAMMETRIC OFFICE REVIEW

TP - 00011

1. PROJECTION AND GRIDS GF	2. TITLE GF	3. MANUSCRIPT NUMBERS GF	4. MANUSCRIPT SIZE GF
<b>CONTROL STATIONS</b>			
5. HORIZONTAL CONTROL STATIONS OF THIRD-ORDER OR HIGHER ACCURACY None	6. RECOVERABLE HORIZONTAL STATIONS OF LESS THAN THIRD-ORDER ACCURACY (Topographic stations) None		7. PHOTO HYDRO STATIONS N/A
8. BENCH MARKS N/A	9. PLOTTING OF SEXTANT FIXES N/A	10. PHOTOGRAMMETRIC PLOT REPORT N/A	11. DETAIL POINTS N/A
<b>ALONGSHORE AREAS (Nautical Chart Data)</b>			
12. SHORELINE GF	13. LOW-WATER LINE N/A	14. ROCKS, SHOALS, ETC. GF	15. BRIDGES GF
16. AIDS TO NAVIGATION GF	17. LANDMARKS GF	18. OTHER ALONGSHORE PHYSICAL FEATURES GF	19. OTHER ALONGSHORE CULTURAL FEATURES GF
<b>PHYSICAL FEATURES</b>			
20. WATER FEATURES GF	21. NATURAL GROUND COVER N/A		22. PLANETABLE CONTOURS N/A
23. STEREOSCOPIC INSTRUMENT CONTOURS N/A	24. CONTOURS IN GENERAL N/A	25. SPOT ELEVATIONS N/A	26. OTHER PHYSICAL FEATURES GF
<b>CULTURAL FEATURES</b>			
27. ROADS GF	28. BUILDINGS N/A	29. RAILROADS N/A	30. OTHER CULTURAL FEATURES GF
<b>BOUNDARIES</b>			
31. BOUNDARY LINES N/A		32. PUBLIC LAND LINES N/A	
<b>MISCELLANEOUS</b>			
33. GEOGRAPHIC NAMES GF	34. JUNCTIONS GF		35. LEGIBILITY OF THE MANUSCRIPT GF
36. DISCREPANCY OVERLAY GF	37. DESCRIPTIVE REPORT GF	38. FIELD INSPECTION PHOTOGRAPHS N/A	39. FORMS GF
40. REVIEWER G. Fromm <i>Gregory Fromm</i>		SUPERVISOR, REVIEW SECTION OR UNIT G. Ball, Chief, Special Projects Section	
41. REMARKS (See attached sheet)			
<b>FIELD COMPLETION ADDITIONS AND CORRECTIONS TO THE MANUSCRIPT</b>			
42. Additions and corrections furnished by the field completion survey have been applied to the manuscript. The manuscript is now complete except as noted under item 43.			
COMPILER G. Fromm <i>Gregory Fromm</i>		SUPERVISOR G. Ball, Chief, Special Projects Section	
43. REMARKS			

## Review Report TP-00011

Shoreline Mapping - Chart Compilation  
August 197861. General Statement

The map was reviewed in its Class 1 stage by the Special Projects Section (Rockville) and found to be complete. The Descriptive Report contains all of the pertinent information which may be required by users of this map.

62. Comparison with Registered Topographic Surveys - None63. Comparison with Maps of Other Agencies

Refer to the Compilation Report, Item 46, bound with this Descriptive Report.

64. Comparison with Contemporary Hydrographic Surveys - None65. Comparison with Nautical Charts

A comparison has been made with 1:80,000 scale chart 14909 (formerly LS-702), 13th Ed., Oct. 18, 1975. No significant differences were noted.

66. Adequacy of Results and Future Surveys

This map meets the National Standards of Map Accuracy and complies with compilation instructions and Bureau requirements.

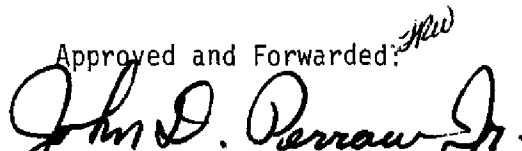
67. Landmarks and Aids

There are three navigational aids depicted on this map and reported on 76-40 listings bound with this Descriptive Report. The tower was located by field methods to be used as a horizontal control point. The tower was inspected during field edit operations to determine its value as a landmark. The two lights shown were field identified and photogrammetrically located.

Submitted by,

  
Gregory Fromm

Approved and Forwarded: *HW*

  
Chief, Photogrammetric Branch

  
Chief, Coastal Mapping Division

2 Nov. 1977

GEOGRAPHIC NAMES

FINAL NAME SHEET

CM-7721 (Baileys Harbor, Wis.)

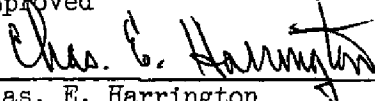
TP-00011

Baileys Harbor

Baileys Harbor (locality)

Lake Michigan

Approved

  
Chas. E. Harrington  
Staff Geographer - C51x2



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U.S. DEPARTMENT OF COMMERCE  
National Oceanic and Atmospheric Administration  
NATIONAL OCEAN SURVEY

Atlantic Marine Center  
439 West York Street  
Norfolk, VA 23510

November 3, 1977

CAM102S/BES

TO: NOAA-NOS, Rockville, MD  
C3421, ATTN: Mr. Bob Watts

FROM: *Robert E. Stachon*  
Robert E. Stachon  
Operations Division, AMC

SUBJECT: Baileys Harbor, Wisconsin

This letter is to confirm our telephone conversation on November 2, 1977. The geodetic control traverse and additional photo points for this project were all run using National Geodetic Survey Third-order-Class 1 methods and procedures. The final computations all fell well within allowable specifications. The main control traverse was started from NGS Station "Golf" and ended at NGS station "Bailey." Angulation was obtained using a Wild T-2 theodolite with four positions being observed at each station. Distances were obtained using an AGA Model 76 Geodimeter and a K & E Laser Ranger IV. A full set of meteorological data was taken for each line measured. The computations and station descriptions will be on file at the Atlantic Marine Center.





Sept. 19, 1977

Bob:

The following is a list of geodetic positions for Baileys Harbor. Our Wang 720 is now broke down, but all the positions have been adjusted.

I hope this is enough to complete this harbor; it's been a pain in that bad area. I'm assuming you have the equipment for computing the inverse distances between any of these points.

- 1 Lighthouse - Lat. 45° 03' 21"066 Long. 87° 05' 48"852
- 2 Old Range Light - Lat. 45° 04' 13"217 Long. 87° 07' 10"751
- 3 Spire (Lutheran Church) - Lat. 45° 03' 32"474 Long. 87° 07' 30"918
- 4 Directional Light Near Old Range but on opposite side of road -  
Lat. 45° 04' 12"6728 Long. 87° 07' 11"113 (*Not visible on 73 Photography*)
- 5 S.E. corner of concrete dock West side of harbor - Lat. 45° 03' 41"012  
Long. 87° 07' 19"805
- 6 N.E. corner of above dock - Lat. 45° 03' 41"1256 Long. 87° 07' 19"760
- 7 N.W. Corner concrete dock near yacht club East side of harbor (Harbor Dock)  
Lat. 45°03'53.9154 Long. 87°05'53"8832
- 8 N.E. Corner of above dock - Lat. 45°03'53"0029 Long. 87°05'53"7015
- 9 N.W. corner concrete dock, extreme w'ly end near yacht club, East side of harbor - Lat. 45°03'54"7735 Long. 87°05'50"8816
- 10 S.W. corner of above dock - Lat. 45°03'54"2473 Long. 87°05'50"8429
- ~~11 S.E. corner of above dock - Lat. 45°03'54"2524 Long. 87°05'50"6380~~

I think, along with the horizontal distances we gave you in 1974, that this should be enough. I know you can't quite make out the Lighthouse, but I threw it in for free.

Let me know if there's anything else you need. Happy hunting. Tell Gordy hi if you see him.

*Robert DeGroix*  
Robert DeGroix  
for T. Kuchciak

PHOTOGRAMMETRIC BRANCH  
COASTAL MAPPING DIVISION

NATIONAL OCEAN SURVEY  
DEPARTMENT OF COMMERCE USA

\* SVY TP-00011\* \* RPT UNIT CMO ROCKVILLE,MO \* PAGE 1 OF 3 \*  
 \* JOB CM 7721\* \* STATE WISCONSIN \*  
 \* PRJ LAKE MICH\* \* LOCALITY BAILEYS HARBOR \* ORIGINATING ACTIVITY,\*  
 \* DTM NA 1927 \* \* DATE 10/11/78 \* COMPILATION \*

\* OBJECTS INSPECTED FROM SEAWARD \* PHOTO FIELD PARTY 62 \* PHOTO FIELD PARTY \*  
 \* POSITIONS DETERMINED \* ROBERT S. YIBBETTS \* FIELD REPRESENTATIVE \*  
 \* AND/OR VERIFIED BY \* G. VANDERHAVEN \* OFFICE COMPILER \*  
 \* FIELD AND OFFICE \* NOT DIGITIZED \* DIGITIZER \*  
 \* ACTIVITIES \* G. FROMM \* DATA PROCESSER \*

KEY FOR ENTRIES UNDER METHOD AND DATE OF LOCATION  
 \* FIELD(CONT,D)

\* OFFICE  
 \* 1.OFFICE IDENTIFIED AND LOCATED OBJECTS.  
 \* THE NUMBER AND DATE (INCLUDING MONTH,DAY  
 \* AND YEAR) OF THE PHOTOGRAPH USED TO  
 \* IDENTIFY AND LOCATE THE OBJECT ARE SHOWN.  
 \* EXAMPLE 75E(C)6042  
 \* 8-12-77

FIELD

\* 1.NEW POSITION DETERMINED OR VERIFIED  
 \* KEY TO SYMBOLS  
 \* F-FIELD  
 \* L-LOCATED  
 \* V-VERIFIED  
 \* 1-TRIANGULATION  
 \* 2-TRVERSE  
 \* 3-INTERSECTION  
 \* 4-RESECTION  
 \* 1-TRIANGULATION  
 \* 2-TRVERSE  
 \* 3-INTERSECTION  
 \* 4-RESECTION

\* A.FIELD POSITIONS\* SHOW THE METHOD OF  
 \* LOCATION AND DATE OF FIELD WORK.  
 \* EXAMPLE F-2-6-1  
 \* 8-12-76

\*FIELD POSITIONS ARE CETERMINED BY FIELD  
 \* OBSERVATIONS BASED ENTIRELY UPON GROUND  
 \* SURVEY METHODS.

\*\*PHOTOGRAMMETRIC FIELD POSITIONS ARE  
 \*DEPENDENT ENTIRELY,OR IN PART,UPON CONTROL  
 \*ESTABLISHED BY PHOTOGRAMMETRIC METHODS.



DATA TAB  
VERSION  
4/27/78

76-40  
LISTING

NATIONAL OCEAN SURVEY NOAA  
DEPARTMENT OF COMMERCE USA

DATA TAB  
VERSION  
4/27/78

* SVY		TP-00011*		RPT UNIT	CMD ROCKVILLE,M D	*	PAGE	3 OF	3	*
* JOB		CM 7721*		+ STATE	WISCONSIN	*				*
* PRJ		LAKE MICH*		* LOCALITY	BAILYS HARBOR	*	* ORIGINATING ACTIVITY*			*
* OTM		NA 1927 *		* DATE	10/11/78	*	* COMPILATION			*

\* THE FOLLOWING OBJECTS HAVE BEEN INSPECTED FROM SEAWARD TO DETERMINE THEIR VALUE AS LANDMARKS \*

* * *	DESCRIPTION	*	POSITION	CMD *	METHOD AND DATE	*
*CHARTING*	RECORD REASON FOR DELETION	*	LATITUDE DM	ALTEK*	OF LOCATION	* CHARTS *
* NAME *	PUT TRIANGULATION NAMES IN ( )	*	LONGITUDE DP	DGTZO*	OFFICE * FIELD	* AFFECTED *
-----	-----	----	-----	-----	-----	-----

TOWER	* LIGHTHOUSE	* 45 03 21.07	650.4	NOT *	* F-2-6-L	* 14909 *
* TOWER	*	* 87 05 48.85	1068.9	DGIZO*	* 8/12/77	

THE ABOVE LANDMARK WAS INSPECTED TO DETERMINE ITS VALUE  
AS A LANDMARK DURING FIELD EDIT OPERATIONS 6/15/78.

[illegible][illegible][illegible][illegible]

.....

[illegible][illegible][illegible][illegible]

## PROJECT MATERIAL ON FILE

National Archives

One ratio Print with field annotations (NOS 30 Sept. 73L 8409).

Discrepancy Print with two working copies.

Completion Report.

Geodetic Positions for Baileys Harbor.

NOS Archives

Base Map (Stable Base Copy)

Discriptive Report

Marine Chart Division

Chart Maintenance Print.

76-40's for Landmarks and Aids to Navigation.

8 X Reduction Negative of final map.

Reproduction

8 X Reproduction Negative of final map.

