

TP-01137

TP-01137

NOAA FORM 76-35 (3-76) U.S. DEPARTMENT OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION NATIONAL OCEAN SURVEY	
<h2>DESCRIPTIVE REPORT</h2>	
Map No. TP-01137 (Inset)	Edition No. 1
Job No. CM-7904	
Map Classification FINAL, FIELD EDITED MAP	
Type of Survey SHORELINE	
LOCALITY	
State Wisconsin	
General Locality Lake Michigan	
Locality Sturgeon Bay and Canal	
<div style="border: 1px solid black; padding: 5px; display: inline-block;"> 1979 TO 1981 </div>	
REGISTRY IN ARCHIVES	
DATE	

NOAA FORM 76-36A (3-72)		U. S. DEPARTMENT OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMIN.		TYPE OF SURVEY <input type="checkbox"/> ORIGINAL <input type="checkbox"/> RESURVEY <input type="checkbox"/> REVISED		SURVEY TF. 01137 (inset) MAP EDITION NO. (1) MAP CLASS JOB PH CM-7904	
DESCRIPTIVE REPORT - DATA RECORD				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__			
PHOTOGRAMMETRIC OFFICE Coastal Mapping Division AMC, Norfolk, VA				OFFICER-IN-CHARGE Max Ethridge, LCDR			
I. INSTRUCTIONS DATED							
1. OFFICE				2. FIELD			
Aerotriangulation : September 30, 1980 Compilation June 2, 1981				Horizontal Control February 15, 1980 (Photo-identification)			
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 WISCONSIN ZONE Central			
5. SCALE 1:10,000				STATE ZONE			
III. HISTORY OF OFFICE OPERATIONS							
OPERATIONS				NAME		DATE	
1. AEROTRIANGULATION BY S. Solbeck				January 1981			
METHOD: Analytic LANDMARKS AND AIDS BY S. Solbeck				Jan. 1981			
2. CONTROL AND BRIDGE POINTS PLOTTED BY S. Solbeck				Jan. 1981			
METHOD: Coradomat CHECKED BY S. Solbeck				Jan. 1981			
3. STEREOSCOPIC INSTRUMENT PLANIMETRY BY R. Kravitz				March 1981			
COMPILATION CHECKED BY F. Mauldin				March 1981			
INSTRUMENT: Wild B-8				NA			
SCALE: 1:10,000				NA			
4. MANUSCRIPT DELINEATION PLANIMETRY BY R. Kravitz				May 1981			
METHOD: Smooth Drafted CHECKED BY F. Margiotta				July 1981			
SCALE: 1:10,000				NA			
HYDRO SUPPORT DATA BY R. Kravitz				May 1981			
CHECKED BY F. Margiotta				July 1981			
5. OFFICE INSPECTION PRIOR TO FIELD EDIT BY F. Margiotta				July 1981			
6. APPLICATION OF FIELD EDIT DATA BY R. Kravitz				Jan. 1982			
CHECKED BY W. McLemore				April 1982			
7. COMPILATION SECTION REVIEW BY W. McLemore				April 1982			
8. FINAL REVIEW BY J. Hancock				July 1982			
9. DATA FORWARDED TO PHOTOGRAMMETRIC BRANCH BY J. Hancock				July 1982			
10. DATA EXAMINED IN PHOTOGRAMMETRIC BRANCH BY G. Fromm				Aug. 1982			
11. MAP REGISTERED - COASTAL SURVEY SECTION BY H. D. Webb				MAP 10 1983			

TP-01137
COMPILATION SOURCES

1. COMPILATION PHOTOGRAPHY

CAMERA(S) Wild RC 10 "B" (B = 152.74 mm)	TYPES OF PHOTOGRAPHY LEGEND (C) COLOR (P) PANCHROMATIC (I) INFRARED	TIME REFERENCE	
TIDE STAGE REFERENCE <input type="checkbox"/> PREDICTED TIDES <input type="checkbox"/> REFERENCE STATION RECORDS <input type="checkbox"/> TIDE CONTROLLED PHOTOGRAPHY		ZONE Central	<input checked="" type="checkbox"/> STANDARD
		MERIDIAN 90th	<input type="checkbox"/> DAYLIGHT

NUMBER AND TYPE	DATE	TIME	SCALE	STAGE OF TIDE
79B (C) 1382-1384	July 2, 1982		1:30,000	NA (See remarks)

REMARKS The lake level at time of photography was 580.00 feet or 3.2 feet above the International Great Lakes Datum. Water levels were taken at the Sturgeon Bay gage on July 2, 1979

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 of contact on the photographs between land and water.

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
(see remarks)			

REMARKS A 1:30,000 scale map (TP-00529) encompasses this inset map and junctions with bordering shoreline detail in all directions.

NOAA FORM 76-36C
(3-72)U. S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL OCEAN SURVEYTP-01137
HISTORY OF FIELD OPERATIONS1. ☒ FIELD INSPECTION OPERATION (Hor. Control) ☐ FIELD EDIT OPERATION.

OPERATION	NAME	DATE
1. CHIEF OF FIELD PARTY	L. H. Davis	July 1980
2. HORIZONTAL CONTROL RECOVERED BY ESTABLISHED BY PRE-MARKED OR IDENTIFIED BY	L. H. Davis	July 1980
	None	
	L. H. Davis	July 1980
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

One station

2. VERTICAL CONTROL IDENTIFIED

None

PHOTO NUMBER	STATION NAME	PHOTO NUMBER	STATION DESIGNATION
79B (C) 1383 (1:30,000 Contact photo)	Sturgeon Bay 1953 (Sub Pts. A & B)		

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)

2-Form 76-53 (CSI), Horizontal Control (Photo-identification) report

TP-01137
HISTORY OF FIELD OPERATIONSI. ☐ FIELD INSPECTION OPERATION☒ FIELD EDIT OPERATION

OPERATION	NAME	DATE
1. CHIEF OF FIELD PARTY	R. S. Tibbetts	Oct. 1981
2. HORIZONTAL CONTROL	Middleton, Butler, Koster	Oct. 1981
RECOVERED BY	None	
ESTABLISHED BY	None	
PRE-MARKED OR IDENTIFIED BY	None	
3. VERTICAL CONTROL	None	
RECOVERED BY	None	
ESTABLISHED BY	None	
PRE-MARKED OR IDENTIFIED BY	None	
4. LANDMARKS AND AIDS TO NAVIGATION	Middleton, Butler, Koster	Sept. 1981
RECOVERED (Triangulation Stations) BY	None	
LOCATED (Field Methods) BY	Middleton, Butler, Koster	Oct. 1981
IDENTIFIED BY		
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	Middleton, Butler, Koster	Oct. 1981
CLARIFICATION OF DETAILS BY		
7. BOUNDARIES AND LIMITS	NA	
SURVEYED OR IDENTIFIED BY		

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)

1:10,000 B & W contacts 79B(C) 1382, 1383

4. LANDMARKS AND AIDS TO NAVIGATION IDENTIFIED

1 navigational aid

PHOTO NUMBER	OBJECT NAME	PHOTO NUMBER	OBJECT NAME
79B(C) 1383 (1:20,000 color ratio)	Sturgeon Bay Ship Canal, Canal Leading Light		

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

X. SUPPLEMENTAL MAPS AND PLANS

None

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

- 1-Master Film Field edit print
- 1-Paper Discrepancy Print
- 1-Field edit report
- 2-Forms 76-40

TP-01137
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	April 1982	Class I Manuscript	None	None
Final Review	July 1982	Final Map	July 1982	None

II. LANDMARKS AND AIDS TO NAVIGATION

1. REPORTS TO MARINE CHART DIVISION, NAUTICAL DATA BRANCH

NUMBER	CHART LETTER NUMBER ASSIGNED	DATE FORWARDED	REMARKS
1		8-2-82	Landmarks for charting
1		8-2-82	Aids for charting
1		8-2-82	Deletion of landmarks

2. ☐ REPORT TO MARINE CHART DIVISION, COAST PILOT BRANCH. DATE FORWARDED: _____3. ☐ REPORT TO AERONAUTICAL CHART DIVISION, AERONAUTICAL DATA SECTION. DATE FORWARDED: _____

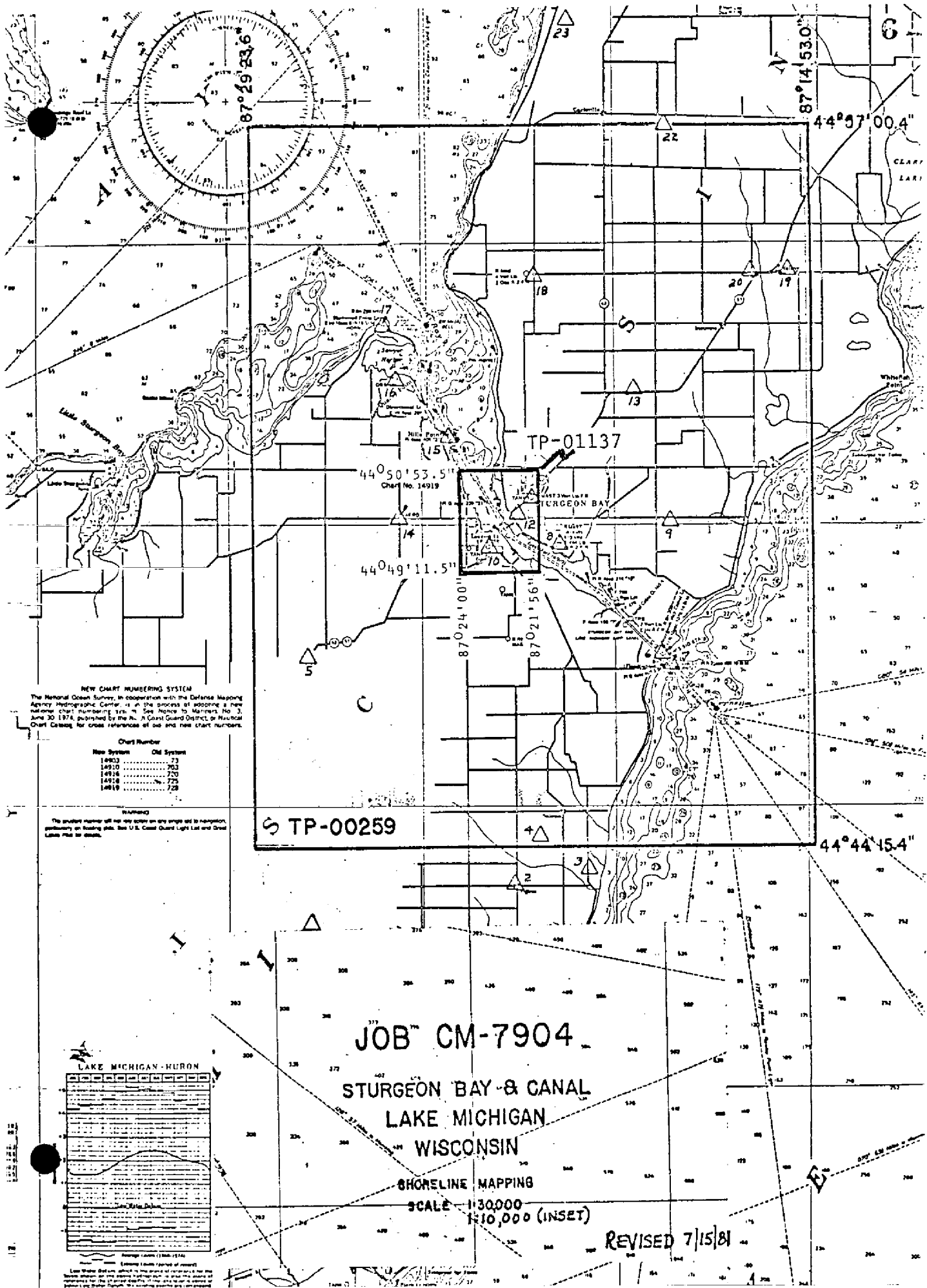
III. FEDERAL RECORDS CENTER DATA

1. ☒ BRIDGING PHOTOGRAPHS; ☒ DUPLICATE BRIDGING REPORT; ☒ COMPUTER READOUTS.
 2. ☒ CONTROL STATION IDENTIFICATION CARDS; ☒ FORM NOS ~~XXX~~ SUBMITTED BY FIELD PARTIES. (76-40)
 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 14, 1982

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



NEW CHART NUMBERING SYSTEM

The National Ocean Survey, in cooperation with the Defense Mapping Agency Hydrographic Center, is in the process of adopting a new national chart numbering system. See Notice to Mariners No. 3, June 30, 1974, published by the U.S. Coast Guard District or National Chart Catalog for cross references of old and new chart numbers.

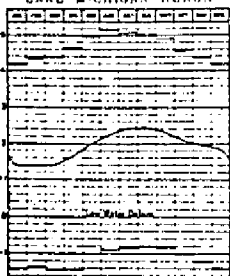
Chart Number

New System	Old System
14903	73
14910	702
14916	720
14918	725
14919	728

WARNING

This product number will not be used on any single sheet of navigation, publication or sounding sheet. See U.S. Coast Guard Light List and Great Lakes Pilot for details.

LAKE MICHIGAN-HURON



JOB™ CM-7904

STURGEON BAY & CANAL
LAKE MICHIGAN
WISCONSIN

SHORELINE MAPPING

SCALE 1:30,000
1:10,000 (INSET)

REVISED 7/15/81

SUMMARY TO ACCOMPANY
DESCRIPTIVE REPORT

TP-01137 (Inset)

This 1:10,000 scale final map is one of two shoreline maps that comprise project CM-7904, Sturgeon Bay and Canal, Lake Michigan, Wisconsin. This inset map features the industrial shoreline area bordering the city of Sturgeon Bay as defined by the limits on TP-00529.

The purpose of this project was to provide current charting information for nautical chart maintenance.

Natural color photography was obtained July 2, 1979, using the Wild RC-10 (B) camera. A single strip of 1:30,000 scale photography provided adequate coverage for both aerotriangulation and compilation.

Field work prior to compilation was accomplished in August 1980; this involved the identification of horizontal control by field photoidentification methods required for aerotriangulation.

Analytic aerotriangulation was adequately provided by the Washington Science Center in January 1981.

Compilation was performed by the Coastal Mapping Section at the Atlantic Marine Center in July 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 Branch, AMC. This field data was returned to the original compilation office and applied in April 1982.

Final review was performed at the Atlantic Marine Center in July 1982. At this time, a final Chart Maintenance Print was prepared and submitted for the Marine Chart Division.

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

FIELD INSPECTION

TP-01137

There was no field inspection prior to compilation. Field work accomplished was limited to the recovery and establishment of horizontal control necessary for the aerotriangulation of the project.

PHOTO IDENTIFICATION REPORT
JOBS CM-7902, CM-7903, CM-7904, CM-7905
LAKE MICHIGAN, WISCONSIN

3. HORIZONTAL CONTROL

JOB CM-7902:

Five stations were recovered and two Sub Points were identified at each station. All are reported on Form 76-53. All are pricked on Photos 79BC-1389, 79BC-1392, 79BC-1394, 79BC-1396, 79BC-1400. TWO RIVERS E MUNICIPAL WATER TANK 1953 was substituted for TWO RIVERS 1953 because it is located in heavy woods. No sub points available.

JOB CM-7903:

Three stations were recovered and two Sub Points were identified at each station. All are reported on Form 76-53. All sub points are pricked on the following Photos 79BC-1415, 79BC-1417, 79BC-1418.

JOB CM-7904:

Four stations were recovered and two Sub Points were identified at each station. All are reported on Form 76-53. All are pricked on Photos 79BC-1380, 79BC-1382, 79BC-1383, and 79BC-1385. HILLS POINT LIGHT 25, 1953 was omitted. SHERWOOD POINT LIGHT, 1953 has a no check position. STURGEON BAY 1953 was substituted for STURGEON BAY RADIO STA WDOR MAST, 1953 because no sub point available at radio mast.

Stations REYNOLDS 1953 and MONUMENT 1953 were recovered as requested.

JOB CM-7905:

Three stations recovered and two Sub Points were identified at each station. All are reported on Form 76-53. Sub Points were pricked on the following Photos 79BC-1404, 79BC-1408, 79BC-1412. All Sub Points are reported on Form 76-53.

Respectfully submitted:

Lawrence H. Davis
Lawrence H. Davis
Chief, Photo Party 61
8/14/80

Photogrammetric Plot Report
Sturgeon Bay and Canal, Wisconsin

CM-7904
January 1981

21. Area Covered

The area covered by this report is Sturgeon Bay and Canal, Wisconsin, which passes between Green Bay and Lake Michigan. The area is covered by one 1:30,000 scale manuscript and one 1:10,000 scale inset of the city of Sturgeon Bay.

22. Method

One strip of 1:30,000 scale color photography was bridged analytically using the NOSAP stereoplotter. Field identified control was provided. Aids and landmarks whose horizontal positions are known, were used as supplemental control.

Ratio prints have been ordered from the bridging photography covering both manuscripts using appropriate ratio values. The manuscripts were ruled on the Coradomat.

23. Adequacy of Control

The control proved adequate for the project according to National Map Accuracy Standards.

24. Supplemental Data

USGS quads were used to provide vertical control for the project. Nautical Charts were used to locate aids and landmarks.

25. Photography

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

Respectively submitted,


Stephen H. Solbeck

Approved and Forwarded:

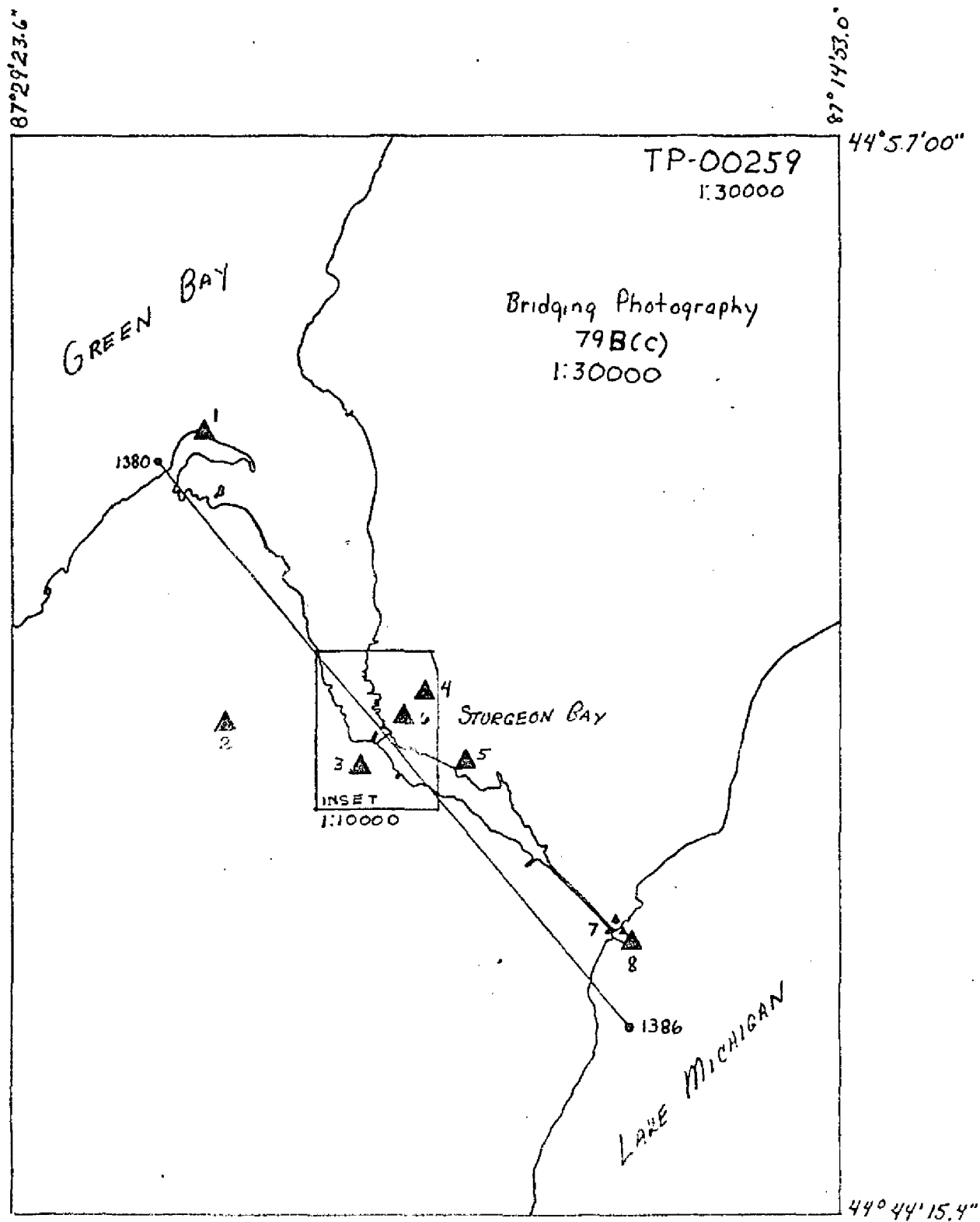


Don O. Norman
Chief, Aerotriangulation Section

Accuracy of Control

			<u>X</u>	<u>Y</u>
1	380100	Sherwood Point Light, 1953	-1.255,	.459
1	380101	Subpoint 1	- .866,	-.500
1	380102	Subpoint 2	.905,	-2.064
2	382101	Cherryland 2, 1964 Subpoint 1	-1.641,	1.909
2	382102	Subpoint 2	- .226,	3.090
3	383101	Sturgeon Bay, 1953 Subpoint 1	1.714,	.499
3	383102	Subpoint 2	.946	-2.143
4	383110	Sturgeon Bay, Municipal Water Tank 1953	- .254,	.853
5	383108	Sturgeon Bay, Radio Sta. WDOR, Mast, 1953	-1.605,	3.126
6	383112	Sturgeon Bay, St. Josephs Cath. Church, NW Spire, 1953	9.163,	3.581
6	383113	Sturgeon Bay, St. Josephs Cath. Church, SE Spire, 1953	-3.324,	-9.153
7	386101	Canal, 1953 Subpoint 1	3.857,	-4.311
7	386102	Subpoint 2	.401,	-1.300
7	386106	Sturgeon Bay Canal Light, 1953	-1.711,	2.182
8	386107	Sturgeon Bay Canal N Pierhead Light, 1953	-5.116,	8.824
8	386117	Sturgeon Bay Canal S Pierhead Light, 1953	- .635,	.793

STURGEON BAY AND CANAL
LAKE MICHIGAN
CM-7904



DESCRIPTIVE REPORT CONTROL RECORD

MAP NO. TP-01137	STATION NAME	JOB NO. CM-7904	GEODETTIC DATUM NA 1927		ORIGINATING ACTIVITY Coastal Mapping Division AMC, Norfolk, VA		
			SOURCE OF INFORMATION (Index)	AEROTRI- ANGULATION POINT NUMBER	COORDINATES IN FEET STATE Wisconsin ZONE Central	GEOGRAPHIC POSITION φ LATITUDE λ LONGITUDE	REMARKS
STURGEON BAY, MUNICIPAL WATER TANK, 1953	Quad 440871 Sta. 1034			383110	X=	φ 44°49'34.471" ✓	
						Y=	
STURGEON BAY, 1953	" Sta. 1019			383100	X= 2,677,609.56 ✓	φ 44°49'34.589" ✓	
						Y= 372,883.88 ✓	
STURGEON BAY, ST. JOSEPHS CATH CHURCH NW SPIRE, 1953	" Sta. 1036			383112	X=	φ 44°50'11.403" ✓	
						Y=	
STURGEON BAY, ST. JOSEPHS CATHOLIC CHURCH SE SPIRE, 1953	" Sta. 1037			383113	X=	φ 44°50'11.152" ✓	
						Y=	
STURGEON BAY SOUTH MUNICIPAL RESERVOIR, 1953	" Sta. 1003				X=	φ 44°50'25.15" ✓	
						Y=	
					X=	φ	
						Y=	
					X=	φ	
						Y=	
					X=	φ	
						Y=	
					X=	φ	
						Y=	
					X=	φ	
						Y=	
					X=	φ	
						Y=	
COMPUTED BY R. Kravitz				DATE Mar 12, 1981	COMPUTATION CHECKED BY F. Margiotta		DATE July 1981
							LISTED BY R. Kravitz
HAND PLOTTING BY R. Kravitz				DATE Mar 12, 1981	HAND PLOTTING CHECKED BY F. Margiotta		DATE July 1981

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

COMPILATION REPORT

TP-01137 (inset)

31. DELINEATION

Delineation was by instrument methods using the Wild B-8 stereoplotter and by office interpretation of the 1:30,000 scale color photographs. The compilation photography was adequate. Photographs ratioed at 3.02 times the contact photo size were processed and used for minor graphic delineation.

32. CONTROL

The horizontal control was adequate. Refer to the Photogrammetric Plot Report, dated January 1981.

33. SUPPLEMENTAL DATA

None

34. CONTOURS AND DRAINAGE

Contours were not applicable to this project. Refer to Item #31.

35. SHORELINE AND ALONGSHORE DETAILS

Refer to form 76-36B, Item 2 for shoreline delineation.

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

36. OFFSHORE DETAILS

No unusual problems.

37. LANDMARKS AND AIDS

Preliminary 76-40 forms consisting of 1 page of Navigational Aids and 1 page of Landmarks for charts were prepared for field edit.

38. CONTROL FOR FUTURE SURVEYS

None

TP-01137 (Inset)

39. JUNCTIONS

A 1:30,000 scale map (TP-00529) encompasses this map; shoreline junctions were properly made.

40. HORIZONTAL AND VERTICAL ACCURACY

See Item #32.

46. COMPARISON WITH EXISTING MAPS

A comparison was made with the following U.S. Geological Survey quadrangle:

Sturgeon Bay, Wisconsin, 1960, 1:62,500 scale.

47. COMPARISON WITH NAUTICAL CHART

N.O.S. 14919, 24th edition, dated August 2, 1980, scale 1:30,000.

ITEMS TO BE APPLIED TO NAUTICAL CHARTS IMMEDIATELY

None

ITEMS TO BE CARRIED FORWARD

None

Submitted by:

Robert R. Kravitz

Robert R. Kravitz
Cartographic Technician

Date: May 28, 1981

Approved: \

James L. Byrd, Jr.

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

ADDENDUM TO COMPILATION REPORT

TP-01137 (Inset)

FIELD EDIT

The charted alongshore piling southeast of Dunlap Reef were not clearly addressed during field edit; only one pile in the area was located, and no comments were made regarding the others.

17

FIELD EDIT REPORT
TP-00259; TP-01137 (insert)
CM-7904 STURGEON BAY & CANAL;
LAKE MICHIGAN; WISCONSIN

51. METHODS

This Edit was performed in the Field by boat, by truck, and by foot. Each question on the Discrepancy Print was investigated thoroughly. Some Cuts are shown on Lists of Directions. Two sketches are attached to the Discrepancy Print (TP-00259)

52. ADEQUACY OF COMPILATION

The compilation appeared to be good, and it will be both complete and adequate upon the application of this Edit.

54. RECOMMENDATIONS

None.

56. GEOGRAPHIC NAMES

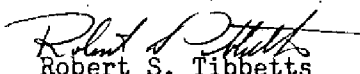
There are two Geographic Names conflicts; they are written on a sheet attached to the rear of this report.

57. LANDMARKS AND AIDS

Two (224)
~~One~~ Landmarks and two Aids were photo located as requested. Forms 76-40 are completed, and all information indicated on the Discrepancy Print. Please refer to two sketches attached to the Discrepancy Print.

All Landmarks were inspected from seaward, and verified by adjoining ground detail.

16 October 1981
Submitted by:


Robert S. Tibbetts
Chief, Photo Party 62

REVIEW REPORT TP-01137 (Inset)

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 U.S.G.S. quadrangles:

Sturgeon Bay, Wisconsin; dated 1960; scale 1:62,500

64. COMPARISON WITH CONTEMPORARY HYDROGRAPHIC SURVEYS:

No contemporary hydrographic survey was conducted in the area common to this final map.

65. COMPARISON WITH NAUTICAL CHARTS:

A comparison was made with N.O.S. chart 14919, 24th edition, 1:30,000 scale, dated August 2, 1980.

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 Branch, AMC

Approved:

George M. Ball

Chief, Photogrammetric Branch, Rockville

John D. Perron Jr.

Chief, Photogrammetry Division

June 18, 1982

GEOGRAPHIC NAMES

FINAL NAME SHEET

CM-7904 (Sturgeon Bay and Canal, Wisconsin)

TP-01137

Bradley Lake

Door Peninsula

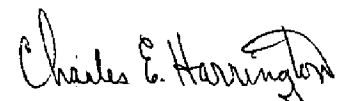
Dunlap Reef

Sturgeon Bay

Sturgeon Bay (locality)

Sunset Park

Approved by:



Charles E. Harrington
Chief Geographer, OA/C3x5

INFORMATION ON DISSEMINATION OF PROJECT(S) MATERIAL
CM-7903 & CM-7904

FEDERAL RECORDS CENTER

Brown Jacket:

- Control Station Identification Cards
- Identified Horizontal Control Photographs
- Field Edit Photographs
- Bridging Photographs
- Field Edit Copies (discrepancy prints)

Project Completion Report.

BUREAU ARCHIVES

- Registered Copy of Each Map
- Descriptive Report of Each Map (original)

MARINE CHART DIVISION

- Chart Maintenance Print for Each Map
- Forms 76-40

OFFICE OF GEOGRAPHER

- Geographic Names Standards

REPRODUCTION DIVISION

- 8x Reduction Negative of Each Map

NOAA FORM 76-40 (6-74)				U.S. DEPARTMENT OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION				ORIGINATING ACTIVITY			
Replaces C&GS Form 567.				NONFLOATING AIDS OR LANDMARKS FOR CHARTS				<input type="checkbox"/> HYDROGRAPHIC PARTY <input type="checkbox"/> GEODETIC PARTY <input type="checkbox"/> PHOTO FIELD PARTY <input checked="" type="checkbox"/> COMPILATION ACTIVITY <input type="checkbox"/> FINAL REVIEWER <input type="checkbox"/> QUALITY CONTROL & REVIEW GRP. <input type="checkbox"/> COAST PILOT BRANCH (See reverse for responsible personnel)			
REPORTING UNIT (Field Party, Ship or Office)		STATE		LOCALITY		DATE		METHOD AND DATE OF LOCATION (See instructions on reverse side)		CHARTS AFFECTED	
COASTAL MAPPING DIVISION		WISCONSIN		STURGEON BAY AND CANAL		JULY 1981					
AMC, NORFOLK, VA		HAVE <input checked="" type="checkbox"/> NOT <input type="checkbox"/>		SURVEY NUMBER		D.M. METERS		D.P. METERS			
JOB NUMBER		TP-01137		NA 1927		LATITUDE		LONGITUDE			
CM-7904				44-50		25.015		87-22		10.433	
CM-7904				44-50		11.403		87-22		28.690	
CM-7904				44-50		11.152		87-22		28.133	
CM-7904				44-49		44.898		87-23		12.454	
CM-7904				44-49		33.444		87-23		46.335	
CM-7904				44-49		34.471		87-23		16.684	
CM-7904				44-49		31.292		87-22		48.116	
TANK											
SPIRE	(Sturgeon Bay, St. Josephs Cath, Church N. W. Spire, 1953)										14919
SPIRE	(Sturgeon Bay, St. Josephs Catholic Church S.E. Spire, 1953)										"
SPIRE											"
TANK											"
TANK	(Sturgeon Bay, Municipal Water Tank, 1953)										"
STACK											"

RESPONSIBLE PERSONNEL	
TYPE OF ACTION	NAME
OBJECTS INSPECTED FROM SEAWARD	R. S. Tibbetts
POSITIONS DETERMINED AND/OR VERIFIED	Robert S. Tibbetts
FORMS ORIGINATED BY QUALITY CONTROL AND REVIEW GROUP AND FINAL REVIEW ACTIVITIES	Robert R. Kravitz
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 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 *FIELD POSITIONS are determined by field observations based entirely upon ground survey methods.	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 III. 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.

[illegible]

RESPONSIBLE PERSONNEL	
TYPE OF ACTION	NAME
OBJECTS INSPECTED FROM SEAWARD	Robert S. Tibbells
POSITIONS DETERMINED AND/OR VERIFIED	Robert S. Tibbells
	Robert R. Kravitz
FORMS ORIGINATED BY QUALITY CONTROL AND REVIEW GROUP AND FINAL REVIEW	
ACTIVITIES	
INSTRUCTIONS FOR ENTRIES UNDER 'METHOD AND DATE OF LOCATION'	
(Consult Photogrammetric Instructions No. 64.)	
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*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. S. Tibbetts
POSITIONS DETERMINED AND/OR VERIFIED	R. S. Tibbetts
	Robert R. Kravitz
FORMS ORIGINATED BY QUALITY CONTROL AND REVIEW GROUP AND FINAL REVIEW ACTIVITIES	<input type="checkbox"/> PHOTO FIELD PARTY <input type="checkbox"/> HYDROGRAPHIC PARTY <input type="checkbox"/> GEODETIC PARTY <input type="checkbox"/> OTHER (Specify) FIELD ACTIVITY REPRESENTATIVE OFFICE ACTIVITY REPRESENTATIVE <input type="checkbox"/> REVIEWER <input type="checkbox"/> QUALITY CONTROL AND REVIEW GROUP REPRESENTATIVE
INSTRUCTIONS FOR ENTRIES UNDER 'METHOD AND DATE OF LOCATION'	
(Consult Photogrammetric Instructions No. 64.)	
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