NOAA FORM 76-35 (6-80)

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

DESCRIPTIVE REPORT

THIS MAP EDITION WILL NOT BE FIELD EDITED
Map No. Edition No.
TP-00354 1
Job No.
CM-8412
Map Classification
CLASS III (FINAL)
Type of Survey
SHORELINE
LOCALITY
State
MICHIGAN
General Locality
SAINT MARYS RIVER
Locality
EAST NEEBISH ISLAND

1984 TO 19
REGISTERED IN ARCHIVES
DATE

NOAA FORM 76-36A U. S. DEPARTMENT OF COMMERCE (3-72) NATIONAL OCEANIC AND ATMOSPHERIC ADMIN.	TYPE OF SURVEY	SURVEY TP-00354
MATIONAL OCEANIC AND ATMOSPHERIC ADMIN.	ORIGINAL	MAP EDITION NO. (1)
DESCRIPTIVE REPORT - DATA RECORD	RESURVEY	MAP CLASS III (Fina)
	REVISED	лов жи- <u>СМ-8412</u>
PHOTOGRAMMETRIC OFFICE Coastal Mapping Unit	LAST PRECEEDI	NG MAP EDITION
Atlantic Marine Center, Norfolk, Virginia	TYPE OF SURVEY	JOB PH
OFFICER-IN-CHARGE	ORIGINAL	MAP CLASS
OFFICER-IN-CHARGE	RESURVEY	SURVEY DATES:
A. Y. Bryson, CDR	REVISED	19TO 19
I. INSTRUCTIONS DATED		
1. OFFICE	2. 1	FIELD
No work with an author 10 1004	W	7
Aerotriangulation October 18, 1984	Horizontal Control (Premarking)	April 19, 1984
Compilation April 5, 1985	(Fremarking)	
Compliance		
II. DATUMS		
I. HORIZONTAL: XX 1927 NORTH AMERICAN	OTHER (Specify)	
	OTHER (Specify)	
☐ MEAN HIGH-WATER ☐ MEAN LOW-WATER	(0)	
2. VERTICAL: MEAN LOWER LOW-WATER		
Water level MEAN SEA LEVEL	International Great	Lakes Datum (1955)
3. MAP PROJECTION		GRID(S)
	STATE	ZONE
Transverse Mercator Projection	Michigan	East
5. SCALE	STATE	ZONE
1:20,000 III. HISTORY OF OFFICE OPERATIONS		
OPERATIONS 1. AEROTRIANGULATION BY	NAME T Uppered To	DATE
METHOD: Analytic LANDMARKS AND AIDS BY	L. Harrod, Jr. L. Harrod, Jr.	Jan. 1985 Jan. 1985
	W. McLemore, Jr.	Mar. 1985
	W. McLemore, Jr.	Mar. 1985
3. STEREOSCOPIC INSTRUMENT PLANIMETRY BY	R. Kravitz	Apr. 1985
COMPILATION CHECKED BY	W. McLemore, Jr.	Apr. 1985
INSTRUMENT: Wild B-8 CONTOURS BY	N.A.	
SCALE: 1:20,000 CHECKED BY	N.A.	
4. MANUSCRIPT DELINEATION PLANIMETRY BY	R. Kravitz	May 1985
CHECKED BY CONTOURS BY	W. McLemore, Jr.	May 1985
METHOD: Smooth drafted CHECKED BY	N.A.	
HYDRO SUPPORT DATA BY	N.A.	
SCALE: 1:20,000 CHECKED BY	N.A.	
5. OFFICE INSPECTION PRIOR TOXING MENTING Review BY	W. McLemore, Jr.	May 1985
6. APPLICATION OF FIELD EDIT DATA	N.A.	1.00
CHECKED BY	N.A.	
7. COMPILATION SECTION REVIEW Class III BY	W. McLemore, Jr.	May 1985
8. FINAL REVIEW Class III BY	J. Hancock	June 1985
9. DATA FORWARDED TO PHOTOGRAMMETRIC BRANCH 10. DATA EXAMINED IN PHOTOGRAMMETRIC BRANCH BY	J. Hancock	July 1985
10. DATA EXAMINED IN PHOTOGRAMMETRIC BRANCH BY 11. MAP REGISTERED - COASTAL SURVEY SECTION BY	P. DEMPSEY F. L. DAUGHERTY	SEP 1985

NOAA FORM 76-36 A

	NATIONAL OCE		RTMENT OF COMMERCE Heric administration
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Y\$ (List only those	surveys that are sources :	lor photogrammetric s	urvey information.)
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NOAA FORM 76-36 (3-72)	c	<u> </u>		U. S. DEPARTM	ENT OF COMMERCE
13-72,		TP-00354	NATIONAL QUEA	NIC AND ATMOSPHER NATION	IC ADMINISTRATION IAL OCEAN SURVEY
		HISTORY OF FIELD	OPERATIONS	·	
I. 🔯 FIELD XHSX	EXXION OPERATIO	ON (Premarking)FIEL	D EDIT OPERATION		
	OPERAT	ION	Ţ ,	NAME	DATE
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I. Chief Of The			J. Dunford		May 1984
2. HORIZONTAL (CONTROL	RECOVERED BY	R. James R. James		Apr/May 84 Apr/May 84
Z. HURIZUNIAL		RE-MARKED OR IDENTIFIED BY	R. James		Apr/May 84
		RECOVERED BY	N.A.		1.17.1/1.03
3. VERTICAL CO	NTROL	ESTABLISHED BY	N.A.		
	PI	RE-MARKED OR IDENTIFIED BY	N.A.		
	RECOV	ERED (Triangulation Stations) BY	N.A.		
4. LANDMARKS A	ND.	LOCATED (Field Methods) BY	N.A.		
AIDS TO NAVIG	JATION	IDENTIFIED BY	N.A.		Ţ
		TYPE OF INVESTIGATION			
5. GEOGRAPHIC N		COMPLETE BY	-		1
INVESTIGATIO	N	SPECIFIC NAMES ONLY			
		NO INVESTIGATION	<u> </u>	 	+
6. PHOTO INSPEC		LARIFICATION OF DETAILS BY	N.A.		
7. BOUNDARIES A		SURVEYED OR IDENTIFIED BY	N.A		
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5. GEOGRAPHIC N	NAMES: RI	EPORT XXNONE	6. BOUNDARY AND	D LIMITS: REPO	RT XKNONE
/. SUPPLEMENTA	IL MAPS AND PLAN	S			
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8. OTHER FIELD	RECORDS (Sketch be	ooks, etc. DO NOT fist data submit	tted to the Geodesy Di	ivision)	
2 Forms	5 76-53 (CSI	Cards)			
1 Form	75-63				
Project	Field Repor	t			

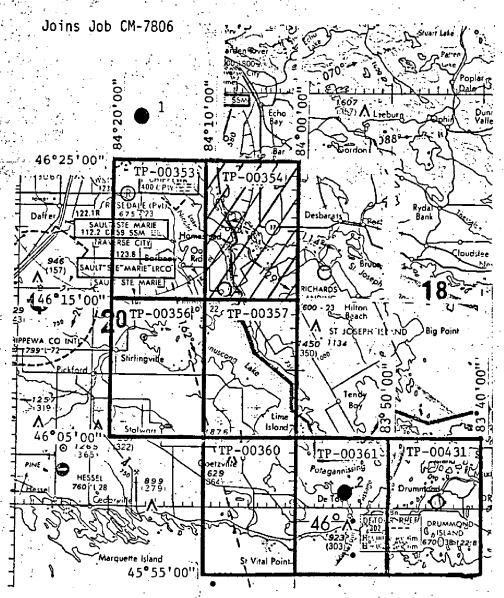
NOAA FORM 76–36C		HIST	TP-000		NATIONAL OCE	ANIC AND A	DEPARTME) TMOSPHERIC NATIONA	ADMINIST	RATION
I. XX FIELD XNSP.	ZTION OPERA	TION Photoidenti	∴ □Fification)	IELD	EDIT OPERATION	1			
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I. CHIEF OF FIELD	DARTY			1					
, , , , , , , , , , , , , , , , , , , ,					J. Shea			Sept.	1982
2. HORIZONTAL CO	NTROL		RECOVERED	1	R. Norton			Sept.	1982
Z. HORIZONTAL CO	NIKUL	BBE MARKED O	ESTABLISHED OR IDENTIFIED	- 1	N.A.				
		FRE-MARKED C	RECOVERED		M. Mozgala N.A.			Sept.	1982
3. VERTICAL CONT	ROL		ESTABLISHED	h	N.A.				
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4. LANDMARKS AND		· -	(Field Methods)		N.A.				
AIDS TO NAVIGA	TION		IDENTIFIED		N.A.				
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		NO INVE	STIGATION		N.A.				
6. PHOTO INSPECT	ION	CLARIFICATIO	N OF DETAILS	BY	N.A.				
7. BOUNDARIES AN	DLIMITS	SURVEYED	RIDENTIFIED	вү	N.A.				
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7. SUPPLEMENTAL None	MAPS AND PL	.ANS			,				
8. OTHER FIELD RE 1 Form 76-5 1 Form 76-8 2 Forms 76-1 1 Form 76-1	53 (CSI C 36 -170	ard) 2	NOT list data su Forms 75-6 Forms 75-6	55	NOTE:	This dat	a determ Project		

NOAA FORM 76-36D (3-72)

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

TP-00354

		RECO	RD OF SURVE	Y USE		
I. MANUSC	RIPT COPIES					
 		MPILATION STAGE				RIPT FORWARDED
<u> </u>	DATA COMPILED	DATE	RE	EMARKS	MARINE CHARTS	S HYDRO SUPPORT
Compila	ation complete	May 1985	Class III	I Manuscript	None	None
Final F	Review, Class*III	June 1985	Final Cla	ass III Map	8-9-85	8-9-85
					.'	
II. LANDM	ARKS AND AIDS TO NAVIGA	ATION	<u> </u>			
	ORTS TO MARINE CHART DI		DATA BRANCH			
NUMBER (Pages)	CHART LETTER Number Assigned	DATE FORWARDED		R	REMARKS	
4		8-9-85	Landmarks	and Aids to	navigation f	or charting
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	DATA TO FEDERAL RECOF					
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	SURVEY NUMBER	JÓB NÚMBEI			TYPE OF SURVEY	
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EDITION	DATE OF PHOTOGRAPH				MAP CLASS	
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FOURTH	TP			ļ	REVISED RES	SORVĖY
EDITION			425 55.	Dii. Di	III. IV. V.	FINAL



= Water Level Gage Site

1 - Frechette Point
2 - Detour Village

JOB CM-8412
SAINT MARYS RIVER
SUGAR ISLAND TO POTAGANNISSING BAY
MICHIGAN
SHORELINE MAPPING
SCALE 1:20,000

SUMMARY TO ACCOMPANY DESCRIPTIVE REPORT

TP-00354

This 1:20,000 scale final Class III shoreline map is one of 7 maps (TP-00353, TP-00354, TP-00356, TP-00357, TP-00360, TP-00361, and TP-00431) that comprise project CM-8412, Sugar Island to Potagannissing Bay, St. Marys River, Michigan. This project junctions with a previous project, CM-7806, which features the northern region of St. Marys River.

This map features shoreline along the southern tip of Sugar Island and the northwest region of St. Joseph Island.

The purpose of this map is to provide current charting information for nautical chart maintenance and to furnish shoreline support data for hydrographic survey operations.

Field work prior to photography was adequately provided in May 1984. This involved the recovery, establishment and identification (premarking) of horizontal control necessary for aerotriangulation. There was no field inspection performed.

Photo coverage was adequately provided by 1:40,000 scale panchromatic photography taken May 16, 1984 with the Wild RC-10(Z) camera. At the time of photography, a water level reading of 579.53 was recorded at the DeTour Village, Michigan gage. This established the shoreline datum for the map based on the 1955 International Great Lakes Datum.

Analytic aerotriangulation was adequately provided by the Washington Science Center in January 1985. Included in the bridge are two supplemental horizontal control substations previously photoidentified for adjoining project CM-7806. Aerotriangulation activity also included determining ratio values for the photographs and locating some of the visible navigational aids.

Compilation was performed at the Coastal Mapping Unit, Atlantic Marine Center in May 1985. Delineation of map detail was accomplished using stereo instrument methods based upon interpretation of the mapping photographs.

Final review was performed at the Atlantic Marine Center in June 1985. A Chart Maintenance Print was prepared and forwarded to the Marine Chart Branch. Also, a Notes to Hydrographer Print was prepared for future hydrographic activity.

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

FIELD INSPECTION

TP-00354

There was no field inspection prior to compilation. Field work accomplished consisted of aerial photography and the recovery, establishment, and identification (premarking) of horizontal control necessary for aerotriangulation.

PHOTOGRAMMETRIC PLOT REPORT CM-8412 Saint Marys River, Michigan January 1985

21. Area Covered

The area covered by this report is in the vicinity of the Saint Marys River from Sugar Island Southeastward to Potagannissing Bay, Michigan. It is covered by seven 1:20,000-scale manuscripts; TP-00353, TP-00354, TP-00356, TP-00357, TP-00360, TP-00361, and TP-00431.

22. Method

Eight strips of 1:40,000-scale photographs were bridged by analytic aerotriangulation methods and adjusted to ground on the Michigan State Plane Coordinage System, Michigan East Zone, using our Analytic Strip Adjustment program. Paneled control was provided. Aids and landmarks were located on bridging photographs. Ratio values were determined for the 1:40,000-scale bridging photographs. A magnetic tape for plotting points and for ruling the base manuscripts were prepared. The Traverse Mercator projection was used.

23. Adequacy of Control

The horizontal control provided, proved to be adequate, was sparse in some areas. Tie points were used to supplement these areas. DIKE 387, 1984 Horizontal Panel No. 4 would not fit with the tie points and control points of the adjacent strip. The lack of fit is -19.86 feet in X and 6.51 feet in Y. It was not used in the adjustment. All positions established by aerotriangulation methods meet the National Standards of Map Accuracy.

24. Supplemental Data

Vertical control was taken from USGS quads.

25. Photography

The coverage and quality of the photographs proved adequate for the project in most cases. The end lap in model 3810-3811 in strip 7 was computed to be about 51 percent, which is below the desired amount. This made it difficult to select and read pass points in some areas.

Submitted by

Lloyd W. Harrod, Jr.

Approved and Forwarded:

Don O. Norman

Chief, Aerotriangulation Unit

Don O. Norms

Saint Marys River Michigan CM-8412

Fit to Control -X and Y in Feet

	STR	IP 1		PT. NO.	<u>X</u>	<u>Y</u>
Δ	2 2A	Home CHS(9598) 1981 Horizontal Panel No. 2 " Sub. Sta. A	(774100) (774101)	-1.2 -1.6	7.5 7.7
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	STR	IP 2				
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	STRI	<u>[P 4</u>	,	•		
		Tie from Strip Tie " "	6	(792303) (792802) (713802) (714801) (715801) (716301) (717801) (718802) (719801)	0.5 1.0 -4.2 -1.1 1.7 1.5 1.2 -1.8	-3.4 -4.4 5.0 2.0 0.9 0.4 0.8 -0.7

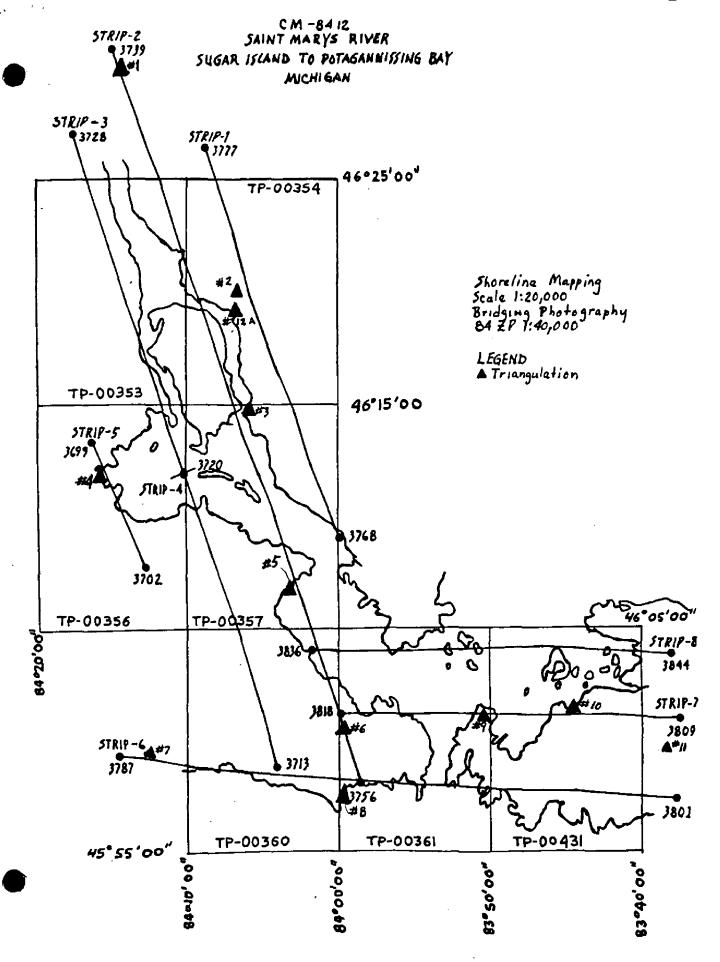
		STRIP 5			
	4	Tie from Strip 3 Tie " " " Tie " " " Tie " " " Dike 387, 1984	(721801) (722801) (719804) (720801) (700100)	-0.5 0.4 1.0 -0.9 -19.9	0.3 -0.4 -0.6 0.7 6.5
		STRIP 6			
	7 8 8A	McKay 1984 Tour 1980 Tour 1980 Sub Pt. A Tie from Strip 7 Tie " " " Tie " " " Tie " " " Tie " " "	(788100) (793100) (793110) (811803) (813801) (815801) (818801) (818803)	-0.6 3.8 3.8 1.4 -1.1 -2.7 -2.4 -2.3	-0.0 -0.1 -0.8 1.6 -3.5 -1.0 1.9 2.1
		STRIP 7			
Δ Δ Δ Δ	11 10 9 6	Clear 388 1984 Marina 1984 State 1984 Ramp 1984	(809100) (813100) (815100) (818100)	0.3 -1.3 1.5 -0.4	-0.1 0.2 0.3 -0.1
		STRIP 8			
		Tie from Strip 7 Tie " " "	(811805) (813804) (816804) (817806) (817807) (817808)	0.2 0.7 -3.2 2.0 1.7 -0.7	0.2 -0.2 -1.0 -1.2 0.1 2.0

 Δ Stations held in the strip adjustments

Saint Marys River, Michigan CM-8412 January 1985

Ratio values for 1:40,000 scale, black and white bridging photographs.

84	ZΡ	3768-3777	x2.03
		3739-3756	x2.03
		3720-3728	x2.03
		3713-3720	x2.04
		3699-3702	x2.05
		3790-3801	x2.04
		3811-3818	x2.04
		3836-3844	x2.04



NOAA FORM 76-41 (6-75)		DESCRIPTIV	DESCRIPTIVE REPORT CONTROL RECORD		U.S.	U.S. DEPARTMENT OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
MAP NO.	JOB NO.		GEÓDETIC DATUM		ORIGINATING ACTIVITY	2 - 2 - 5
TP-00354	CM-8412		N.A. 1927		Unit, AMC, Nor	Norfolk, VA
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	(Index)	NUMBER	zong East	γ τ	LONGITUDE	
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	Project		χ=	\$ 46 15	5 17.354	
REFERENCE MONUMENT 16 (IBC), 1911	Control Record Bk	m c	ij=	λ 84 06	5 07.656	
	CM-7806		=×	ф 46_19	9 19.838	
55 USLS = SUGAR ISLAND EAST BASE, 1878	Field Notebook		y=	λ 84 06	5 53.783	!
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COMPUTED BY		DATE	COMPUTATION CHECKED BY			DATE
LISTED BY R. Kravitz		DATE 4/2/85	LISTING CHECKED BY W. McLemore, Jr			DATE 5/6/85
⊢		DATE	HAND PLOTTING CHECKED BY			DATE 5/6/85
K, MAVIEZ		SUPERSEDES N	3UPERSEDES NOAA FORM 76-41, 2-71 EDITION WHICH IS OBSOLETE.	TH IS OBSOLETE		

COMPILATION REPORT TP-00354 CM-8412

31 - DELINEATION

Delineation was accomplished using stereo instrument compilation methods. Instrument compilation was used to delineate shoreline, alongshore and interior detail based upon office interpretation of the 1:40,000 scale bridging/compilation black-and-white photographs. All photographs used to compile this map are listed on NOAA form 76-36B. The photography was adequate except for incomplete coverage of St. Joseph Channel to the eastern limit of the map.

32 - CONTROL

The horizontal control was adequate. Refer to the Photogrammetric Plot Report, dated January 1985.

33 - SUPPLEMENTAL DATA

The following Canadian Chart was used for general reference: 2288, 4th edition, dated January 25, 1985, scale 1:36,435.

34 - CONTOURS AND DRAINAGE

Contours are not applicable to the project. Drainage was compiled from office interpretation of the photographs.

35 - SHORELINE AND ALONGSHORE DETAIL

The shoreline and alongshore details were compiled from office interpretation of the photographs. The shoreline compiled was the visible line of contact between land features and the water surface at the time of photography. Based on the International Great Lakes Datum (1955) the water level taken at DeTour Village, Michigan gage was 579.53 feet.

36 - OFFSHORE DETAILS

Offshore details were compiled by instrument methods as described in item #31.

37 - LANDMARKS AND AIDS

There are 2 landmarks and 30 aids within the mapping limits of this manuscript. Among these, both landmarks and 27 aids were located photogrammetrically. Two of the aids, Point of Woods Range Front Light and Point of Woods Range Front Passing Light are located on the same structure.

Appropriate information was prepared on the 76-40 forms and submitted with this map.

TP-00354

38 - CONTROL FOR FUTURE SURVEYS

None.

39 - JUNCTIONS

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

40 - HORIZONTAL AND VERTICAL ACCURACY

See item #32.

46 - COMPARISON WITH EXISTING MAPS

A comparison was made with the following U.S. and Canadian Quadrangles: Lake George, Michigan, dated 1951, scale 1:62,500 Oak Ridge, Michigan-Ontario, dated 1951, photorevised 1976, scale 1:24,000 Baie De Wasai, Michigan-Ontario, dated 1951, photorevised 1976, scale 1:24,000 Sault Ste Marie, Canada-U.S.A., 4lk, dated 1977, scale 1:250,000.

47 - COMPARISON WITH NAUTICAL CHARTS

A comparison was made with the following NOS charts: 14883, 35th edition, dated December 13, 1980, scale 1:40,000 14860, 29th edition, dated March 10, 1984, scale 1:500,000.

ITEMS TO BE APPLIED TO NAUTICAL CHARTS IMMEDIATELY

None.

ITEMS TO BE CARRIED FORWARD

None.

Submitted by:

Robert R. Kravitz Cartographic Technician

May 2, 1985

Approved:

Jany J. By

James L. Byrd, Jr.

Chief, Coastal Mapping Unit

GEOGRAPHIC NAMES

FINAL NAME CHART

CM-8412 (St. Marys River, Michigan)

TP-00354

Advance Island Almon Island Arthur Island Birch Point Boulanger Point Bowen Island Chicken Islands Coyle Point Duck Island Duck Lake Duval Island East Neebish Channel East Neebish Island Elisha Point Empire Ledge Field Point Foote Island Forshaw Island Adt Gaffney Island Green Point Harwood Point Hattie Island Hen Island Homestead Horse Island Indian Point Iron Island Johnson Point Kerby Island Lake George Leonard Reef Pumpkin Point

Long Point McGregor Bay Maskinonge Bay Maskinonge (Pine) Island Mayo Island Middle Neebish Channel Mirre Point Munuscong Channel Nanton Reef Ned Point Neebish Neyland Island Niles Point Rains Island Reed Point Richards Landing (locality) Rock Island Saint Joseph Channel Saint Joseph Island Saint Marys River Sankey Island Shewfelt Creek Shoal Islands Stribling Point Sugar Island Sutton Island Thorne Island Toolie Island Watson Island

Approved by:

Charles E. Harrington

Chief Geographer

Nautical Charting Division

Whitestone Reef

REVIEW REPORT TP-00354 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. and Canadian quadrangles: Oak Ridge, Michigan-Ontario, dated 1951, photorevised 1976, scale 1:24,000 Baie De Wasai, Michigan-Ontario, dated 1951, photorevised 1976, scale 1:24,000 Lake George, Michigan, dated 1951, scale 1:62,500 Sault Ste Marie, Canada-U.S.A., 41k, dated 1977, scale 1:250,000.

64 - COMPARISON WITH CONTEMPORARY HYDROGRAPHIC SURVEYS

No contemporary hydrographic survey was conducted prior to this shoreline mapping project.

65 - COMPARISON WITH NAUTICAL CHARTS

A comparison was made with NOS chart 14883, scale 1:40,000, 35th edition, dated December 1980.

This most current chart is outdated and in numerous areas there are significant shoreline discrepancies with the map. Also there are several variations between the charted nonfloating navigational aids and the descriptions in the 1985 U.S. Coast Guard Light List. These discrepancies were addressed on the Chart Maintenance Print.

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

Geny L. Hanlock

Final Reviewer

TP-00354

Aproved for forwarding:

Billy H. Barnes

Chief, Photogrammetric Section, AMC

Approved:

Chief, Photogrammetric Operations, Chief, Photogrammetry Branch,

Rockville

Rockville

NONFLOATING The places C&GS Form 567. The BE CHARTED To BE BELETED The following objects HAVE TO BE DELETED AMC, NO.FOLK, VA SURV. CM8412 CM8412 T CM	AIDSXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	Ward to del	מכים אני	C + C + C + C + C + C				
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SUPERSEDES NOAA FORM 76-40 (2-71) WHICH IS OBSOLETE, AND EXISTING STOCK SHOULD BE DESTROYED UPON RECEIPT OF REVISION,

NOAA FORM 76-40	01		- - -	1 2	420	U.S.	S. DEPARTA	U.S. DEPARTMENT OF COMMERCE	ORIGINATING ACTIVITY	CTIVITY
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SUPERSEDES NOAA FORM 76-40 (2-71) WHICH IS OBSOLETE, AND Existing stock should be destroyed upon receipt of revision.

会 U.S.GPO:1975-0-665-080/1155

NOAA FORM 76-40	-40			2		÷ 0.14	S. DEPART	U.S. DEPARTMENT OF COMMERCE	ORIGINATING ACTIVITY	ACTIVITY
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SUPERSEDES NOAA FORM 76-40 (2-71) WHICH IS OBSOLETE, AND EXISTING STOCK SHOULD BE DESTROYED UPON RECEIPT OF REVISION.

☆ U.S.GPO:1975-0-665-080/1155

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SUPERSEDES NOAA FORM 76-40 (2-71) WHICH IS OBSOLETE, AND.
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숙 U.S.GPO:1975-0-665-080/1155

RECORD OF APPLICATION TO CHARTS

FILE WITH DESCRIPTIVE REPORT OF SURVEY NO. TP-00354 (CM-8412)

INSTRUCTIONS

- A basic hydrographic or topographic survey supersedes all information of like nature on the uncorrected chart.

 1. Letter all information.

 2. In "Remarks" column cross out words that do not apply.

 3. Give reasons for deviations, if any, from recommendations made under "Comparison with Charts" in the Revie

CHART	DATE	CARTOGRAPHER	REMARKS
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