NOAA FORM 76-35 (6-80)

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

DESCRIPTIVE REPORT

THI	S MAP EDITION WILL NOT BE FIELD EDITED
Map No.	TP-00356 Edition No.
Job No.	
	CM-8412
Map Class	fication
	CLASS III (FINAL)
Type of Su	rvey SHORELINE
L_	LOCALITY
State	
	MICHIGAN
General Lo	ocality
·	SAINT MARYS RIVER
Locality	MUNUSCONG LAKE
	1984 TO 19
	REGISTERED IN ARCHIVES
DATE	

NOAA FORM 76-36A U. S. DEPARTMENT OF COMMERCE (3-72) NATIONAL OCEANIC AND ATMOS PHERIC ADMIN.	TYPE OF SURVEY	SURVEY TP. 00356
	☑ ORIGINAL	MAP EDITION NO. (1)
DESCRIPTIVE REPORT - DATA RECORD	RESURVEY	MAP CLASS III (Final
	☐ REVISED	JOB RK- СМ-8412
PHOTOGRAMMETRIC OFFICE		ING MAP EDITION
Coastal Mapping Unit	TYPE OF SURVEY	JOB PH-
Atlantic Marine Center, Norfolk, VA	ORIGINAL	MAP CLASS
OFFICER-IN-CHARGE	RESURVEY	SURVEY DATES:
A. Y. Bryson, CDR	REVISED	19TO 19
I. INSTRUCTIONS DATED		
1. OFFICE	2.	FIELD
Aerotriangulation October 18, 1984 Compilation April 5, 1985	Horizontal Contro (Premarking)	l April 19, 1984
II. DATUMS	OTHER (Specify)	
1. HORIZONTAL: XX 1927 NORTH AMERICAN		
## MEAN HIGH-WATER ## MEAN LOW-WATER ## MEAN LOWER LOW-WATER ## Water level ## MEAN SEA LEVEL	OTHER (Specify) International Great	at Läkes Datum (1955)
3. MAP PROJECTION	4. (GRID(S)
	STATE	ZONE
Transverse Mercator Projection 5. SCALE	Michigan STATE	East
1:20,000	STATE	ZONE
III. HISTORY OF OFFICE OPERATIONS		
OPERATIONS	NAME	DATE
1. AEROTRIANGULATION METHOD: Analytic LANDMARKS AND AIDS BY	L. Harrod	Jan 1985
	L. Harrod	Jan 1985
METHOD: Xynetics 1201 CHECKED BY	W. McLemore W. McLemore	Mar 1985
3. STEREOSCOPIC INSTRUMENT PLANIMETRY BY	P. Evans	Mar 1985 May 1985
COMPILATION CHECKED BY	F. Mauldin & W. Mc	
INSTRUMENT: Wild B-8 CONTOURS BY	N.A.	114, 1505
SCALE: 1:20,000 CHECKED BY	N.A.	
4. MANUSCRIPT DELINEATION PLANIMETRY BY	P. Evans	May 1985
CHECKED BY	F. Mauldin	Jun 1985
метнор: Smooth Drafted сомтоивз ву	N.A.	
CHECKED BY	N.A.	
scale: 1:20,000 CHECKED BY	N.A.	
5. OFFICE INSPECTION PRIOR TO XMXXXXXXXXII Review	F. Mauldin	Jun 1985
6. APPLICATION OF FIELD EDIT DATA	N.A.	
7. COMPILATION SECTION REVIEW Class III BY	N.A. F. Mauldin	T 1005
8. FINAL REVIEW Class III BY	J. Hancock	Jun 1985 Jun 1985
		0 011 1985
9. DATA FORWARDED TO PHOTOGRAMMETRIC BRANCH BY	J. Hancock	
9. DATA FORWARDED TO PHOTOGRAMMETRIC BRANCH BY 10. DATA EXAMINED IN PHOTOGRAMMETRIC BRANCH BY	J. Hancock P. Demosey E. L. DAUGHERTY	Jul 1985 SEPT. 1985

SUPERSEDES FORM C&GS 181 SERIES

NOAA FORM 76-36B		-	NATIONAL OCE			T OF COMMERCE
10-72)		TP-003	56	-Am- Am- A		OCEAN SURVEY
,	CON	APILATION	SOURCES			
1. COMPILATION PHOTOGRAPI						
CAMERA(S)		TYPES	OF PHOTOGRAPHY			
Wild RC-10 (Z) ($Z=15$	3.15mm) (,,,,,,	LEGEND	ĺ	TIME REFE	RENCE
жижжиниех кинеровых в иа t е	r level gage	10. 00. 4	_	ZONE		
PREDICTED TIDES		(C) COLO	HROMATIC	East	ern	XXSTANDARD
REFERENCE STATION RECO		(l) INFR		MERIDI	-	T DAYLIGHT
TIDE CONTROLLED PHOTO	GRAPHY			75th		
NUMBER AND TYPE	DATE	TIME	SCALE		STAGE OF	xxxxxRiver
84Z(P)3699-3701	5-16-84	08:34	1:40,000	579.	.53 feet ~	Level -
84Z(P)3719-3722	5-16-84	08:50	1:40,000	579.	.53 feet	
		,		1		
REMARKS *Water level from DeTour	at the time of Village, Michig		ohy is indica	ted as r	ecorded	
2. SOURCE OF MEAN HIGH-WA	TER LINE:					-
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	is the visible 1					
	er. Delineatio					
	on of the above					
photographs.		110000	order and will	cc compr	14 (1011) 21.	raging
`						
3. SOURCE OF MEAN LOW-WAT	ER OR MEAN LOWER LO	OW-WATER LI	NE:			
This it	em is not appli	cable to	the project.			
4. CONTEMPORARY HYDROGR	APHIC SURVEYS (List a	nly those surv	eys that are sources	for photogram	metric survey is	nformation.)
SURVEY NUMBER DATE(S)	SURVEY COR	Y USED S	URVEY NUMBER	DATE(S)	SURVE	Y COPY USED
			<u> </u>			· · · · · · · · · · · · · · · · · · ·
5. FINAL JUNCTIONS						
NORTH	EAST	S	OUTH		WEST	
TP-00353	TP-00357		No survey		No sur	rvev _
REMARKS	······································		<u></u>			

NOAA FORM 76-36C (3-72)

U. S. DEPARTMENT OF COMMERCE

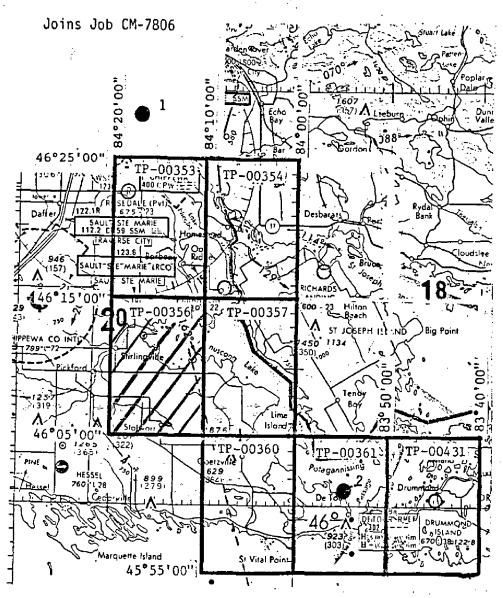
		TP-00356 History of Field	OPERATIONS	NATION	IAL OCEAN SURVE
I. XX FIELD XXX	KENDON OPER	ATION (Premarking)FIEL	D EDIT OPERATION		
	OPE	RATION	N	IAME	DATE
1. CHIEF OF FIEL	_D PARTY		T Dum Found		1004
		RECOVERED BY	J. Dunford N.A.		May 1984
2. HORIZONTAL	CONTROL	ESTABLISHED BY	R. James		April 1984
		PRE-MARKED OR IDENTIFIED BY	R. James		April 1984
	 	RECOVERED BY	N.A.		1 20111 1304
3. VERTICAL COL	NTROL	ESTABLISHED BY	N.A.		
		PRE-MARKED OR IDENTIFIED BY	N.A.		
	R	COVERED (Triangulation Stations) BY	N.A.		<u> </u>
4. LANDMARKS A		LOCATED (Field Methods) BY	N.A.		
AIDS TO NAVIG	SATION	IDENTIFIED BY	N.A.		
	· ·	TYPE OF INVESTIGATION		<u>-</u>	
5. GEOGRAPHIC	NAMES	COMPLETE	į		
INVESTIGATIO	N	SPECIFIC NAMES ONLY			1
		NO INVESTIGATION			
6. PHOTO INSPEC	TION	CLARIFICATION OF DETAILS BY	N.A.		
7. BOUNDARIES A	ND LIMITS	SURVEYED OR IDENTIFIED BY	NIA.		
II. SOURCE DATA					
1. HORIZONTAL	ONTROL IDE	ITIFIED	2. VERTICAL CON	TROL IDENTIFIED	
Premarked	d (panele	3)	N.A.		
PHOTO NUMBER	1	STATION NAME	PHOTO NUMBER	STATION DE	SIGNATION
842(P)3700	DIKE 387	, 1984 (paneled direct)			
3. PHOTO NUMBE	RS (Clarification	on of details)	-t-,		
N.A.					
4. LANDMARKS A	ND AIDS IO NA	AVIGATION IDENTIFIED			
None	_				
PHOTO NUMBER		AMAN TOSLEO	PHOTO NUMBER	OBJECT	NAME
				·	
5. GEOGRAPHIC	NAMES:	REPORT XXNONE	6. BOUNDARY AND	LIMITS: REPO	RT CO-NONE
7. SUPPLEMENTA			TO DOGRAMIT AND	Z EIMITS LINEPO	RT XXNONE
N.A.					
	RECORDS (Ske	tch books, etc. DO NOT list data submi	tted to the Geodesy Di	vision)	
1 Form 76-				•	
Project Fi					

NOAA FORM 76-36D (3-72)

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

TP-00356

		R	ECORD OF SURV	EY USE			
I. MANUSC	RIPT COPIES						
	co	MPILATION S	TAGES .			DATE MANUSCRI	PT FORWARDED
1	DATA COMPILED	DATE		REMARKS		MARINE CHARTS	HYDRO SUPPORT
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						8-9-85	8-9-85
Final F	eview, Class III	June 198	5 Final Cla	ss III Ma	ā		_
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II. LANDM	ARKS AND AIDS TO NAVIGA	TION					
1. REP	ORTS TO MARINE CHART D	VISION, NAU	ICAL DATA BRANC	н			
NUMBER.	CHART LETTER	DATE			REMA	ARKS	
(pages)	NUMBER ASSIGNED	FORWARD	ED				
1		8-9-	85 Nonfloat	ing Aids	for Ch	arte	j
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		ļ	1				
							
					 		
2. 🗀	REPORT TO MARINE CHART	DIVISION, C	DAST PILOT BRANC	H. DATE FOR	WARDED:		
	REPORT TO AERONAUTICA		ISION, AERONAUTIC	AL DATA SECT	TION. DA	TE FORWARDED:	
III. FEDER	RAL RECORDS CENTER DAT	A					
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4 🗀	DATA TO FEDERAL RECO	ROS CENTER.	DATE FORWARDED	<u> </u>			
IV. SURVE	Y EDITIONS (This section s			nop edition is re			
arasub	SURVEY NUMBER	(2) JOB NI	JMBER		REV	TYPE OF SURVEY	URVEY
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EDITION	Sail VI FRO I VORAFI		EV!!		□	□iv. □v.	FINAL
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THIRD	TP	(3) PH-			REV		URVEY
EDITION	DATE OF PHOTOGRAPH		OF FIELD EDIT	_	_	MAP CLASS	ļ
			. <u></u>			□ıv. □v.	FINAL
-	SURVEY NUMBER	JOB NO	JMBER		_	YPE OF SURVEY	
FOURTH	TP	(4) PH -		_	REV		ÛRVÊY .
EDITION	DATE OF PHOTOGRAPH	DATE	OF FIELD EDIT	_	Π	MAP CLASS	П#:



= 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-00356

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 portrays the shoreline at the southern end of West Neebish Channel and features the western region of Munuscong Lake.

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 June 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-00356

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.

Lloyd W. Harrod, Jr.

Approved and Forwarded:

Don O. Norman

Chief, Aerotriangulation Unit

Don O. Norma

Saint Marys River Michigan CM-8412

Fit to Control -X and Y in Feet

	<u>S</u> TR	IP 1							PT.	NO.	X	<u>Y</u>
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		STRIP 7			
0000	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 " " " Tie " " " Tie " " " Tie " " " 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

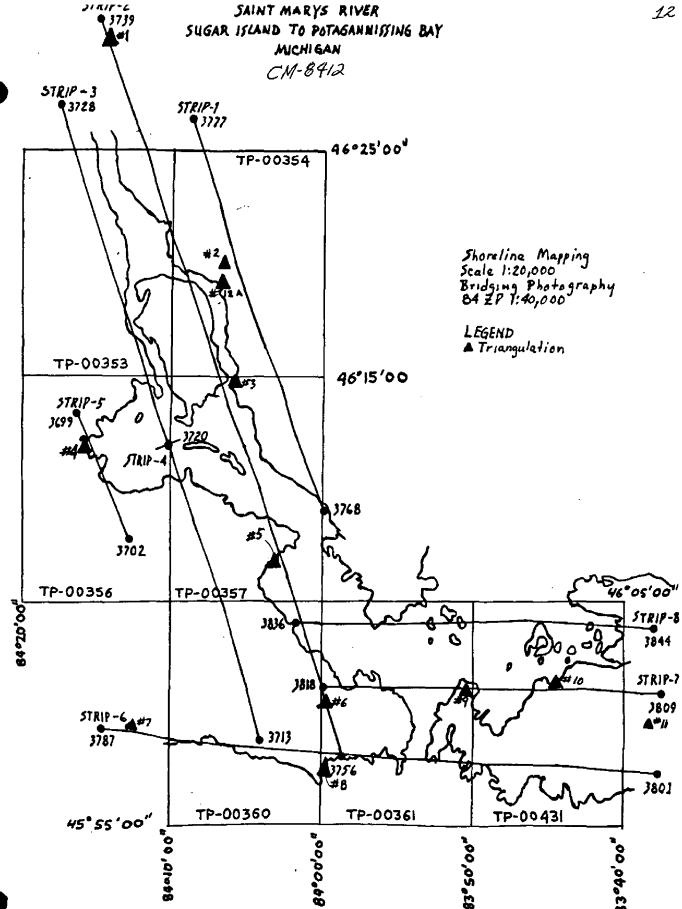
Stations held in the strip adjustments

Δ

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)		VESCOIDTIV	CONTRACTOR DEPOSIT CONTROL CONTROL		U.S. DEPARTMENT OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
MAP NO.	JOB NO.	ביייון	GEODETIC DATUM		ORIGINATING ACTIVITY CARACTED Manning
TP-00356	CM-8412		N.A. 1927	Unit, AMC,	
STATION NAME	SOURCE OF INFORMATION	AEROTRI- ANGULATION POINT	COORDINATES IN FEET STATE Michigan	POSITION LATITUDE	
	(Index)	NUMBER	ZONE East	λ LONGITUDE	
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COMPUTED BY		DATE	COMPUTATION CHECKED BY		DATE
LISTED BY D. T. Personger, Tr		DATE	LISTING CHECKED BY		DATE
HAND PLOTTING BY		DATE	HAND PLOTTING CHECKED BY		DATE
		SUPERSEDES N	RSEDES NOAA FORM 76-41, 2-71 EDITION WHICH IS OBSOLETE.	H IS OBSOLETE.	

COMPILATION REPORT TP-00356

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.

32 - CONTROL

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

33 - SUPPLEMENTAL DATA

None.

34 - CONTOURS AND DRAINAGE

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

35 - SHORELINE AND ALONGSHORE DETAILS

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 0 landmarks and 3 aids within the mapping limits of this manuscript. Among these, 2 aids were located photogrammetrically. Appropriate information was prepared on the 76-40 form and submitted with this map.

38 - CONTROL FOR FUTURE SURVEYS

None.

TP-00356

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. Quadrangles: Munuscong, Mich., 1953, photorevised 1976, scale 1:24,000 Pickford, Mich., 1953, photorevised 1975, scale 1:24,000.

47 - COMPARISON WITH NAUTICAL CHARTS

A comparison was made with the following NOS chart: 14883, scale 1:40,000, 35th edition, dated December 13, 1980.

ITEMS TO BE APPLIED TO NAUTICAL CHARTS IMMEDIATELY

None.

ITEMS TO BE CARRIED FORWARD

None.

Submitted by:

James J. By d, fr.

P. L. Evans, Jr.

Cartographic Technician 21 May 1985

Approved:

James L. Byrd, Jr.

James J. Byrd , L.

Chief, Coastal Mapping Unit

GEOGRAPHIC NAMES

FINAL NAME CHART

CM-8412 (St. Marys River, Michigan)

TP-00356

Barbeau Point Gull Island Kemps Point Little Munuscong River Maple Point Moon Island Munuscong Munuscong Island Munuscong Lake Munuscong River Neebish Island Pine Island Roach Point Sawmill Point Steamboat Island '

Approved by:

Charles E. Harrington Chief Geographer

Nautical Charting Division

REVIEW REPORT TP-00356 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 U.S.G.S. quadrangles:
Munuscong, Mich., dated 1953, photorevised 1976
Pickford, Mich., dated 1953, photorevised 1975.

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 13, 1980.

This most current chart is outdated. In various areas are significant shoreline discrepancies with the map. These discrepancies were addressed on the Chart Maintenance Print.

66 - ADEQUACY OF RESULTS AND FUTURE SURVEYS

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

Submitted by:

Jerry L. Hancock Final Reviewer

Jeny L. Harrord

TP-00356

Approved for forwarding:

Bill H. Barn

Billy H. Barnes

Chief, Photogrammetric Section, AMC

Approved:

Chief, Photogrammetric Operations, Chief, Photogrammetry Branch,

Rockville

Rockville

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(8-74)			¥ Z	IONAL OCE	ANIC AND	T MOSPHER	NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION	HYDROGRAPHIC PARTY	CIIVII Y
Replaces C&GS Form 567.	:	3 AII	3 MAKEKS	FOR CH	ARTS			GEODETIC PARTY PHOTO FIELD PARTY	>
KX TO BE CHARTED	TED REPORTING UNIT (Field Party, Ship or Office)	STATE		LOCALITY			DATE	SECONDILATION ACTIVITY	ועודץ
TO BE DELETED		onic Michigan		Saint	Saint Marvs River	iver	5/1/85	QUALITY CONTROL & REVIEW GRP.	- AREVIEW GRP.
The following objects	ects HAVE	y been inspe	ward to de	termine the	ir value as	landmorks.		(See reverse for responsible personnel)	ible personnel)
OPR PROJECT NO.	DN BOL	SURVEY NUMBER	N N N N N N N N N N N N N N N N N N N	N:A. 1927			METHOD AND DATE OF LOCATION	E OF LOCATION	
	CM-8412	TP~00356		POSITION	NO.		(See instructions on reverse side)	on reverse side)	CHARTS
	DESCRIPTION	2	LATITUDE	TUDE	LONGITUDE	rude			AFFECTED
CHARTING	(Record resson for defetion of landmark or aid to navigetion. Show triangulation station names, where applicable, in percutheses)	ik or aid to nevigation. reapplicable, in perentheses)	, ,	// D.M. Meters	, ,	// D.P. Meters	OFFICE	FIELD	
LIGHT	Moon Island Leading Lic	Light	46 13	07:4	84 10	15.4	84Z(P)3721 / 5#16-84		14883
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LIGHT	West Neebish Channel Li	Light 16	46 13	36.9	84 10	21.6	84Z(P)3721 / 5-16-84		14883
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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	FFICE IDENTIFIED AND LOCATED OBJECTS nter the number and date (including ay, and year) of the photograph used dentify and locate the bject. XAMPLE: 75E(C)6042 8-12-75	FORMS ORIGINATED BY QUALITY CONTROL AND REVIEW GROUP AND FINAL REVIEW ACTIVITIES	FUSITIONS DETERMINED AND/OR VERIFIED P. L. EVans, Jr.	OBJECTS INSPECTED FROM SEAWARD	TYPE OF ACTION NA	RESPONSIBLE
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 (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	π }	FIELD ACTIVITY REPRESENTATIVE OFFICE ACTIVITY REPRESENTATIVE	PHOTO FIELD PARTY HYDROGRAPHIC PARTY GEODETIC PARTY OTHER (Specify)	NAME	RESPONSIBLE PERSONNEL

NOAA FORM 76-40 (8-74)

SUPERSEDES NOAA FORM 76-40 (2-71) WHICH IS OBSOLETE, AND EXISTING STOCK SHOULD BE DESTROYED UPON RECEIPT OF REVISION.

RECORD OF APPLICATION TO CHARTS

FILE WITH DESCRIPTIVE REPORT OF SURVEY NO. TP-00356 (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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