

[illegible]

U.S. ARMY CORPS OF ENGINEERS DETROIT DISTRICT DETROIT, MICHIGAN	SURVEYED BY: N. Gault		DATE: 2/24/01/06	
	DWN BY: NFG	CKD BY:	SOLICITATION NO.:	
SOO AREA OFFICE ST. MARY'S RIVER SECTION 119 EAST WATER STREET SAULT STE. MARIE, MI 49783	SUBMITTED BY:		CONTRACT NO.:	
	PLOT SCALE: 1" = 100'	ISSUE DATE:	FILE NUMBER:	
	SIZE: A3x D	FILE NAME: Gbow119s231.dgn		

SAINT MARY'S RIVER
SAULT SAINTE MARIE MICHIGAN
FEDERAL NAVIGATION CHANNEL

COURSE 8 WEST NEEBISH CHANNEL
OCTOBER 25, 2023
CONDITION SURVEY

SHEET
IDENTIFICATION
C8W-19
SHEET 19 OF 22



- | LEGEND | | GE |
|--------|----|--|
| 0.0'- | 1. | THE SOUNDINGS INDICATED HEREIN ARE GENERALIZED DEPTHS AND ARE NOT REPRESENTATIVE OF THE FULL DATASET. THE SOUNDINGS REPRESENT THE MINIMUM DEPTH FOUND WITHIN THE 10X10 FOOT AREA CENTERED ON THE TEXT, DERIVED FROM A 1X1 FOOT AVERAGE DATASET AT CELL CENTER. THIS MAP SHOULD NOT BE USED FOR CHANNEL CLEARANCE OR VOLUME CALCULATIONS. MINIMUM DEPTH DATA IS PRODUCED FOR STRIKE/SOAL REMOVAL OPERATIONS AND NOTICE TO NAVIGATION INTERESTS. |
| 28.0'- | | |
| 30.0'- | | |
| 32.0'- | | |
| 34.0'- | 2. | ELEVATIONS AND SOUNDING DEPTHS ARE REFERRED TO INTERNATIONAL GREAT LAKES DATUM 1985 (IGLD 85). LOW WATER DATUM (LWD) ZERO IS 577.5 FEET ABOVE MEAN WATER LEVEL AT FATHER POINT QUEBEC. WATER LEVEL READINGS ARE FROM AN AUTOMATED NOAA GAUGE (5099) LOCATED AT DETROUR MICHIGAN. DEPTHS ARE MEASURED USING AN RZSONIC 2024 MULTIBEAM SONAR. |
| 36.0'- | | |
| 38.0'- | | |
| 40.0'- | 3. | THE INFORMATION DEPICTED ON THIS MAP REPRESENTS THE RESULTS OF SURVEYS MADE ON OCTOBER 25, 2023 AND CAN ONLY BE CONSIDERED AS INDICATING THE GENERAL CONDITIONS PRESENT AT THE TIME. |
| 60.0'- | | |

- | GENERAL NOTES | |
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| 4. | HORIZONTAL POSITIONING IS DETERMINED USING REAL TIME KINEMATIC GLOBAL POSITIONING SYSTEM (RTK). CORRECTIONS ARE PROVIDED BY THE MICHIGAN CONTINUOUSLY OPERATING REFERENCE STATIONS (CORS). THE CLOSEST BASE STATION IS USED AS THE DETERMINING FACTOR IN CORRECTION SELECTION. THE GPS RECEIVER IS MANUFACTURED BY APPLANIX MARINE POS+MV VER. 5.0. |
| 5. | GRID COORDINATES ARE BASED ON THE MICHIGAN STATE PLANE COORDINATE SYSTEM. LAMBERT PROJECTION, MICHIGAN NORTH ZONE (2111). NORTH AMERICAN DATUM (NAD83). ALL COORDINATES SHOWN ARE IN U.S. SURVEY FEET. |
| 6. | UNLESS OTHERWISE NOTED PROJECT DEPTH IS 28.0 FEET BELOW LOW WATER DATUM |

