

LEGEND

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 DATUM AT CELL CENTER. THIS MAP SHOULD NOT BE USED FOR CHANNEL CLEARANCE OR VOLUME COMPUTATIONS. MAXIMUM DEPTH DATA IS PRODUCED FOR STRIKE/SOAL REMOVAL OPERATIONS AND NOTICE TO NAVIGATION INSTRUMENTS.

28.0' 2. ELEVATIONS AND SOUNDING DEPTHS ARE REFERRED TO INTERNATIONAL GREAT LAKES DATUM 1985 (IGLD 85). LOW WATER DATUM (LWD) ZERO IS 600.7 FEET ABOVE MEAN WATER LEVEL AT POINT RIMOUSKI QUEBEC. WATER LEVEL READINGS ARE FROM AN AUTOMATIC NOAA GAUGE LOCATED AT WEST BAY. DEPTHS ARE MEASURED USING AN RZ3000 DATA MULTIBEAM SONAR.

29.0' 3. THE INFORMATION DEPICTED ON THIS MAP REPRESENTS THE RESULTS OF SURVEYS MADE ON AUGUST 23, 2022 AND CAN ONLY BE CONSIDERED AS INDICATING THE GENERAL CONDITIONS PRESENT AT THE TIME.

32.0' 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 STATION IS USED AS THE DETERMINING FACTOR IN CORRECTION SELECTION. THE GPS RECEIVER IS MANUFACTURED BY APPLIX MARINE POSIMV VER. 5.0.

35.0' 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.

38.0' 6. UNLESS OTHERWISE NOTED PROJECT DEPTH IS 28.0 FEET BELOW LOW WATER DATUM


41.0'

44.0'

60.0'

100' 0 100' 200'

SCALE: 1" = 100'



US Army Corps of Engineers®

DATE

APPRO

MARK

DESCRIPTION

U.S. ARMY CORPS OF ENGINEERS

DETROIT DISTRICT

SAINT MARYS RIVER

FEDERAL NAVIGATION CHANNEL

POINT AUX PINS CHANNEL

AUGUST 23, 2022

CONDITION SURVEY

SHEET IDENTIFICATION

PAP-01

SHEET 1 OF 6

DATE

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DESCRIPTION