



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 1X10 FOOT AVERAGE DATASET. AT CELL CENTER, THIS MAP SHOULD NOT BE USED FOR CHANNEL CLEARANCE OR VOLUME COMPUTATIONS. MINIMUM DEPTH DATA IS PRODUCED FOR STRIKE/SOAL REMOVAL OPERATIONS AND NOTICE TO NAVIGATION INSTRUSTIONS.
2. ELEVATIONS AND SOUNDING DEPTHS ARE REFERRED TO INTERNATIONAL GREAT LAKES DATUM (IGLD-85). LOW WATER DATUM (LWD) IS 0.10 FEET ABOVE MEAN WATER LEVEL, POINT ROMOUSK QUEBEC. POND ZERO READINGS ARE FROM AN AUTOMATED NOAA GAUGE LOCATED AT PONT IROUOIS. DEPTHS ARE MEASURED USING AN RSZONIC 2024 MULTIBEAM SONAR.
3. THE INFORMATION DEPICTED ON THIS MAP REPRESENTS THE RESULTS OF SURVEYS MADE ON AUGUST 10, 2022 AND CAN ONLY BE CONSIDERED AS INDICATING THE GENERAL CONDITIONS PRESENT AT THE TIME.
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/IMV VER. 5.0.
5. GRID COORDINATES ARE BASED ON THE MICHIGAN STATE PLANE COORDINATE SYSTEM. LAMBERT PROJECTION, MICHIGAN NORTH ZONE (211). NORTH AMERICAN DATUM (NAD83). ALL COORDINATES SHOWN ARE IN U.S. SURVEY FEET.
6. UNLESS OTHERWISE NOTED PROJECT DEPTH IS 30.0 FEET BELOW LOW WATER DATUM

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

U.S. ARMY CORPS OF ENGINEERS
DETROIT DISTRICT
DETROIT, MICHIGAN

BIRCH POINT COURSE
AUGUST 10, 2022
CONDUCTION SURVEY

SOO AREA OFFICE
ST MARYS RIVER SECTION
119 EAST WATER STREET
SAULT STE. MARIE, MI 49783

PLOT SCALE: 1" = 100'
FILE NAME: Bp1v20221.dgn

DATE: 10/10/2022
SOLICITATION NO.:
CONTRACT NO.:
ISSUE DATE:
FILE NAME:

MARK DESCRIPTION DATE APPR MARK DESCRIPTION DATE APPR