

GENERAL NOTES

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 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.
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 POINT CUBEO. WATER LEVEL DEPTHS ARE FROM AN AUTOMATED NOAA GAUGE (5099) LOCATED AT DETOUR MICHIGAN. DEPTHS ARE MEASURED USING AN RZSONIC 204 MULTIBEAM SONAR.
3. THE INFORMATION DEPICTED ON THIS MAP REPRESENTS THE RESULTS OF SURVEYS MADE ON SEPTEMBER 20, 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 OBSERVER BASE STATION IS USED AS THE DETERMINING FACTOR IN CORRECTION SELECTION. THE GPS RECEIVER IS MANUFACTURED BY APPLINX 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 28.0 FEET BELOW LOW WATER DATUM

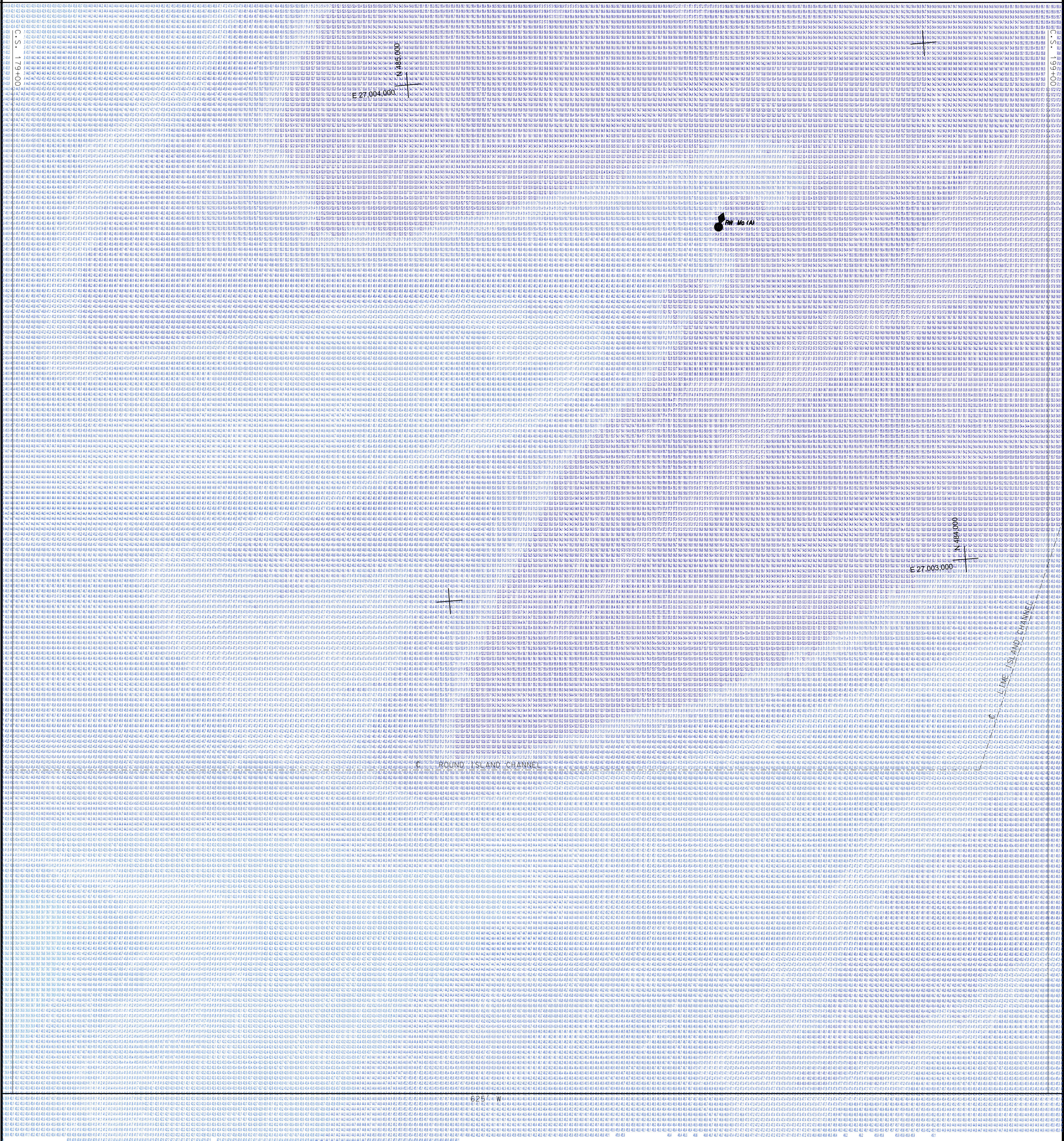


100' 0 100' 200'

SCALE: 1" = 100'

LEGEND

28.0'
32.0'
36.0'
40.0'
44.0'
48.0'
52.0'
70.0'



LOCATION MAP

NO SCALE

SITE MAP

NO SCALE

SAINT MARY'S RIVER

ROUND ISLAND CHANNEL SECTION 10

SEPTEMBER 20, 2022

CONDITION SURVEY

U.S. ARMY CORPS OF ENGINEERS

DETROIT DISTRICT

SAULT STE. MARIE MICHIGAN

SAULT STE. MARIE, MI 49783

SOO AREA OFFICE

ST MARYS RIVER SECTION

119 EAST WATER STREET

SAULT STE. MARIE, MI 49783

PLOT SCALE

1" = 100'

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FILE NAME:

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ISSUE DATE:

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U.S. Army Corps of Engineers