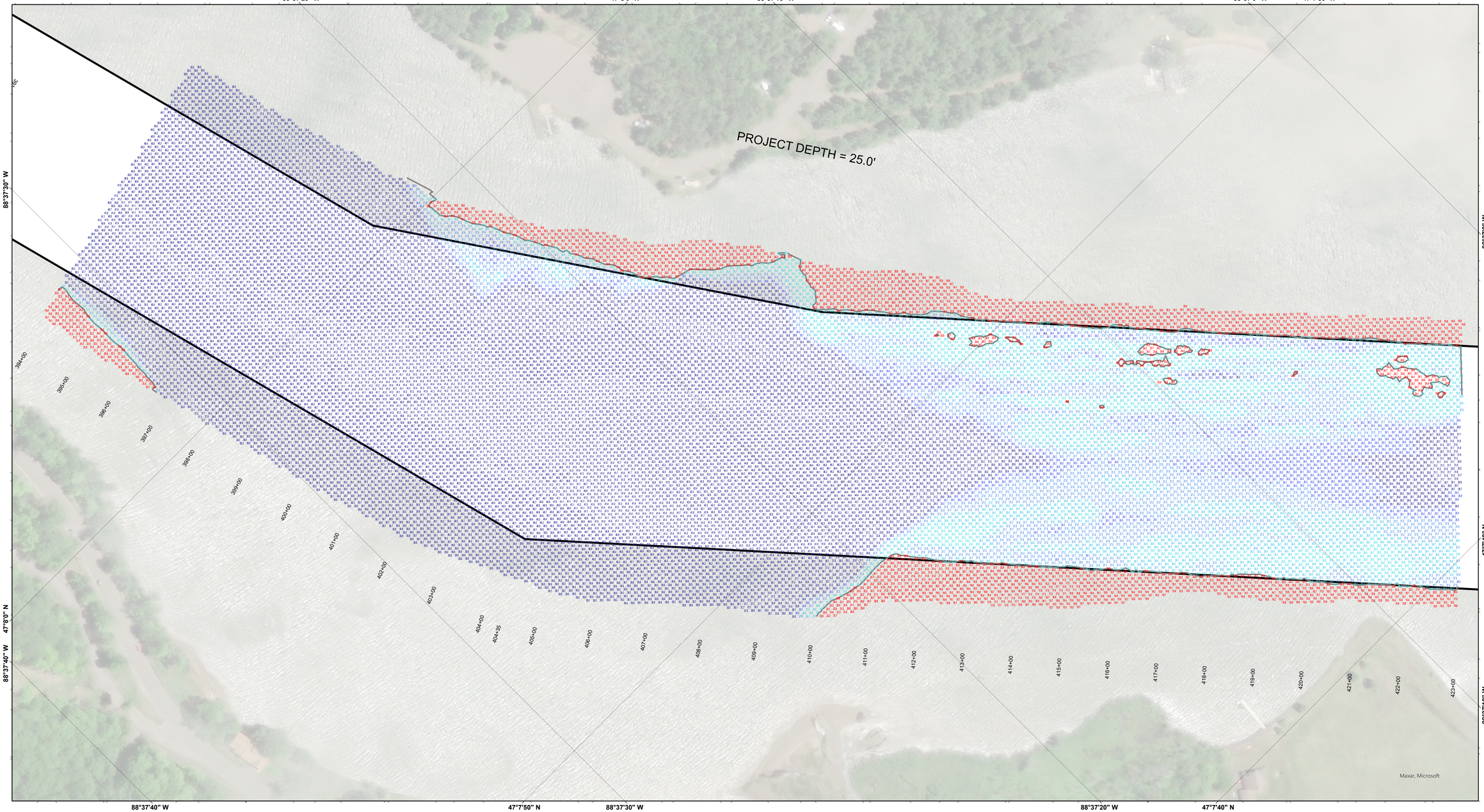
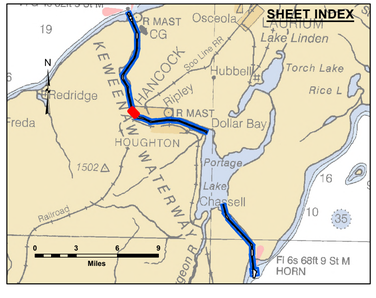
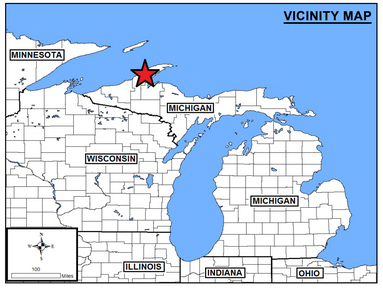






LEGEND

- Channel_Limits
- Contour Lines

SOUNDING LEGEND

- LESS THAN PROJECT DEPTH
- PROJECT DEPTH
- PROJECT DEPTH +1'
- PROJECT DEPTH +2'
- PROJECT DEPTH +3'
- PROJECT DEPTH +4'
- PROJECT DEPTH +5'

1 Inch =100 Feet

Feet
0 100 200 300 400 500 600

NOTES:

1. THE CHARTED SOUNDINGS REPRESENT THE MINIMUM DEPTH MEASURED AT THE TIME OF THE SURVEY WITHIN THE 10' X 10' AREA CENTERED ON THE TEXT, DERIVED FROM A 1' X 1' AVERAGE DATASET AT CELL CENTER. THIS CHART SHOULD NOT BE USED FOR CHANNEL CLEARANCE OR VOLUME COMPUTATIONS. MINIMUM DEPTH DATA IS PRODUCED FOR STRIKE/SHOAL REMOVAL OPERATIONS AND NOTICE TO NAVIGATION INTERESTS.

2. ALL SOUNDING DEPTHS ARE REFERENCED TO INTERNATIONAL GREAT LAKES DATUM 1985 (IGLD 85) LOW WATER DATUM ELEVATION 601.1 FEET ABOVE MEAN WATER LEVEL AT RIMOUSKI, QUEBEC. WATER LEVEL READINGS WERE OBTAINED WITH REAL TIME KINEMATIC (RTK) GLOBAL POSITIONING SYSTEM (GPS) VALUES. DEPTHS ARE MEASURED USING A PING DSP 3DSS-IDX-450 PRO SONAR.

3. HORIZONTAL POSITIONING IS DETERMINED USING RTK GPS CORRECTIONS FROM A BASE STATION. THE GPS RECEIVERS ARE MANUFACTURED BY TRIMBLE, MODEL R10, AND SEPTENTRIO, MODEL ASTERX-4, WHICH IS INTEGRATED IN THE SBG NAVSIGHT EKINOX INS.

4. THE GRID SHOWN REFERENCES LATITUDE/LONGITUDE DISPLAYED AS DEGREES, MINUTES, SECONDS IN 10-SECOND INCRIMENTS. THE SURVEY DATA REPRESENTED HEREIN IS PROJECTED TO THE MICHIGAN STATE PLANE, NORTH ZONE (2111), NORTH AMERICAN DATUM 1983 (NAD83), US SURVEY FOOT.

5. THE PROJECTS DEPTHS FOR THIS AREA ARE: 32.0', 30.0', 28.0', 27.0', 26.0', & 25.0', AS INDICATED HEREON.

6. AERIAL PHOTOGRAPHY DATA SOURCE: MAXAR, MICROSOFT

US Army Corps of Engineers
District: CELRE

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U.S. ARMY CORPRPS OF ENGINEERS
DETROIT DISTRICT

	Surveyed By:	Plotted By:	Checked By:
Submitted:			
Recommended:	Chief, Survey Section		
Approved:	Chief, Technical Services		

Keweenaw Waterway, MI
Keweenaw Waterway
KW_01_NAW_20250716_CS_15
16 July 2025

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