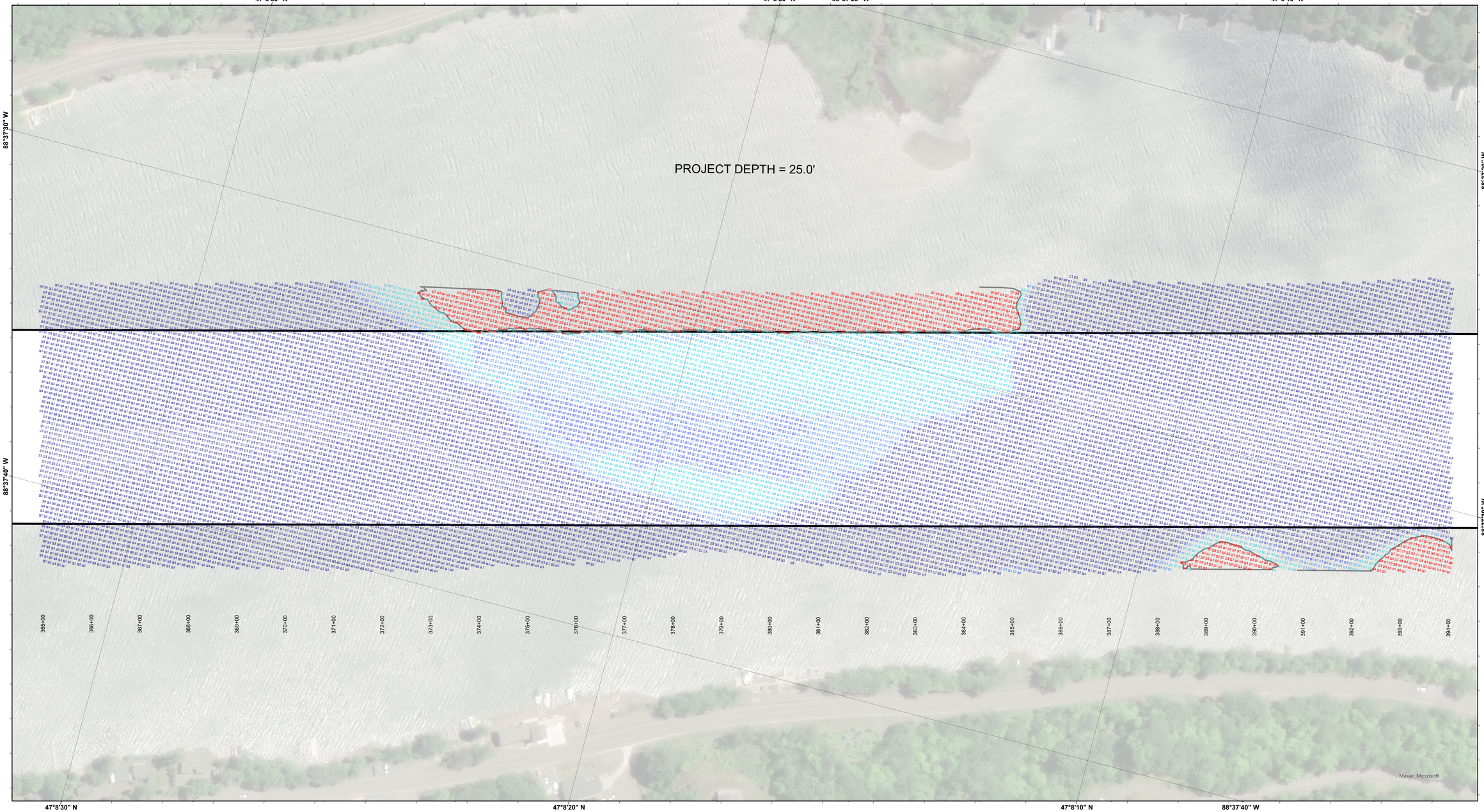
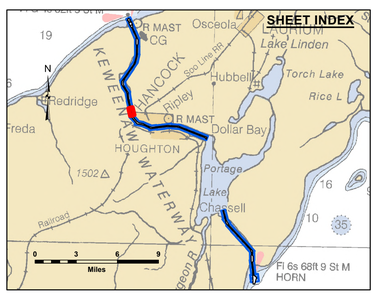
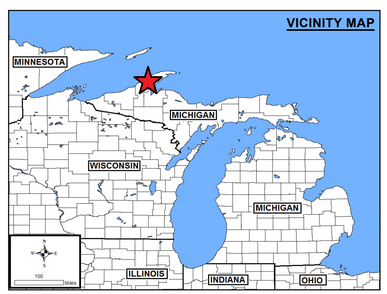






LEGEND

- 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

Distribution Liability: The data represents the results of data collection/processing for a specific US Army Corps of Engineers purpose, under specific conditions. As such, it is only valid for its intended use, content, time and conditions at which it was collected and processed. The US Government assumes no liability for any misuse or misinterpretation of any of the application of the data for other than its intended purpose.

DISCLAIMER
Access Constraints: The United States Government furnishes this map/chart/publication/data in digital format and expressly understanding that the US Government makes no warranties, expressed, or implied concerning the accuracy, completeness, reliability, or suitability of this information for any purpose. The information and the data furnished. The United States shall be under no liability whatsoever to any person by reason of any use made thereof. These data belong to the Government. Therefore the recipient fully agrees not to represent these data to anyone as other than data furnished by the Government and to indemnify the Government from any claim arising from the use of these data to others without also transferring this Disclaimer.

U.S. ARMY CORPPS OF ENGINEERS
DETROIT DISTRICT

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

Keweenaw Waterway, MI
Keweenaw Waterway
KW_01_NAW_20250716_CS_14
16 July 2025

Sheet Reference Number
14 of 37

Revision Number:
5.25.07.03-5.25.07.03