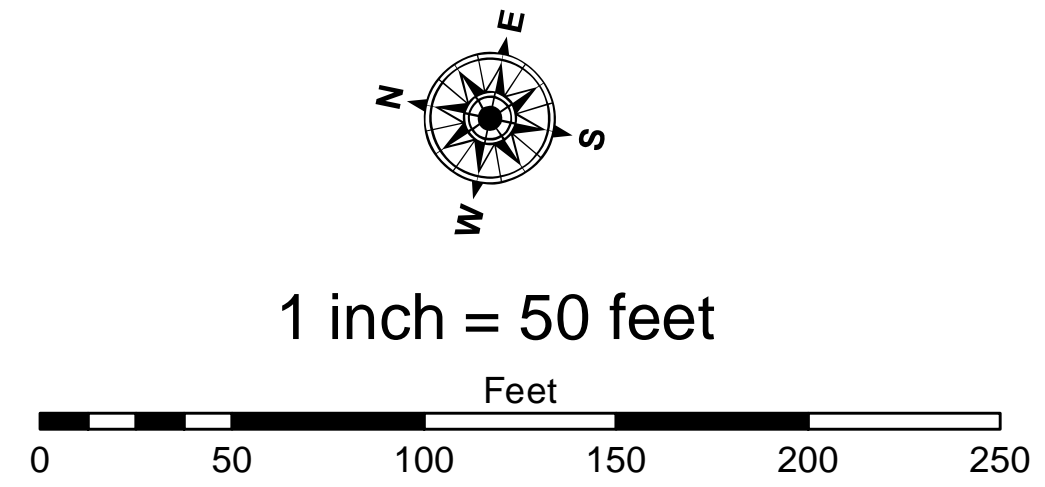


- LEGEND**
- ..... Cable Submarine
  - - - Cable Overhead
  - ⊥ Beacon, General
  - Placement Areas
  - Contour Lines
  - ▭ Channel Limits

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



**NOTES:**

1. THE SOUNDINGS INDICATED HEREON ARE GENERALIZED DEPTHS AND ARE NOT REPRESENTATIVE OF THE FULL DATASET. THE SOUNDINGS REPRESENT THE MINIMUM DEPTH FOUND WITHIN THE 10 FOOT BY 10 FOOT AREA CENTERED ON THE TEXT, DERIVED FROM A 1 FOOT BY 1 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/SHOAL REMOVAL OPERATIONS AND NOTICES TO NAVIGATION INTERESTS.
2. GRIDS SHOWN ARE BASED ON THE NATIONAL GEODETIC SURVEY PROJECTION TABLES, STATE OF MICHIGAN, CENTRAL ZONE (2112), LAMBERT PROJECTION, 1983 NORTH AMERICAN DATUM, US SURVEY FOOT.
3. ALL SOUNDINGS ARE REFERENCED TO I.G.L.D. FOR LAKE MICHIGAN, ELEVATION 577.5 FT. ABOVE MEAN SEA LEVEL AT RIMOUSKI, QUEBEC. WATER LEVEL READINGS ARE FROM A GAGE MARK ALONG THE SHEET STEEL WALL AT THE HARBOR BOAT RAMP IN GREILICKVILLE, HARBOR, MI.
4. PROJECT DEPTH = 14.0 FEET  
10.0 FEET
5. POSITIONING: APPLANIX POS M/V  
CORRECTIONS: OMINSTAR GNSS 02  
SONAR: R2SONIC 2024 MULTIBEAM  
SOFTWARE: HYPACK 2018  
VESSEL: LAUNCH 3058

2010 AERIAL PHOTOGRAPHY DATA SOURCE: NAIP



**Disclaimer:** The data represents the results of data collection and processing for a specific US Army Corps of Engineers activity and indicates the general existing conditions. The user is responsible for the accuracy, completeness, and reliability of the data for other than its intended purpose. The United States Government disclaims any liability for the use of this data for purposes not intended by the Government. The recipient may not transfer this data to others without also transferring this disclaimer.

U.S. ARMY CORPS OF ENGINEERS  
DETROIT DISTRICT

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

Greilickville Harbor, MI  
Greilickville Harbor  
GR\_01\_LCK\_20221004\_CS  
04 October 2022

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