

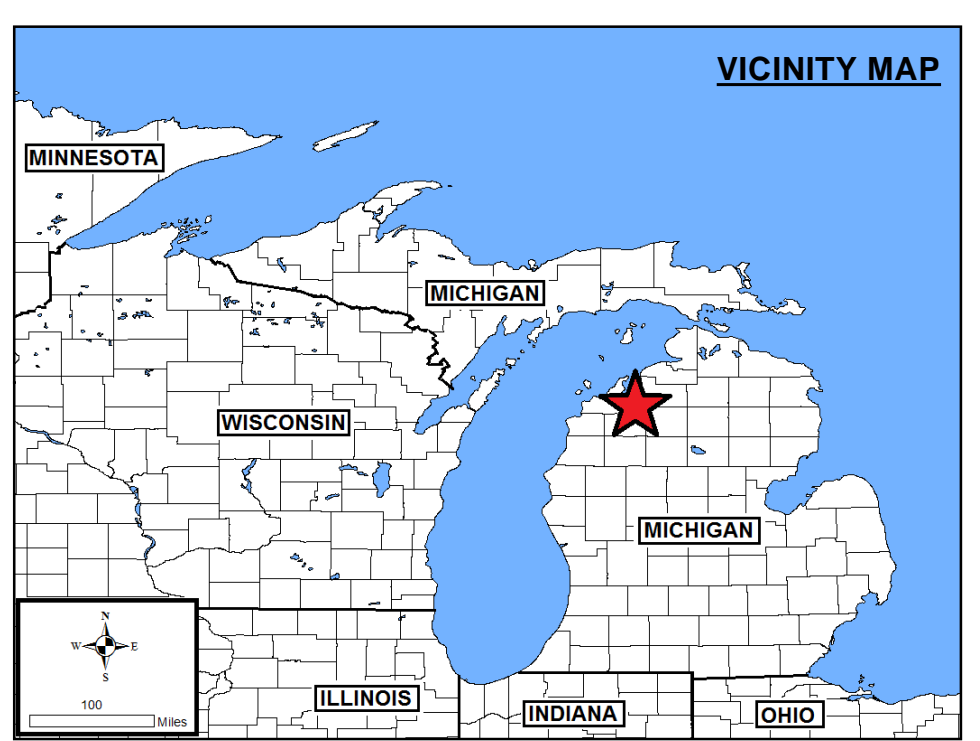
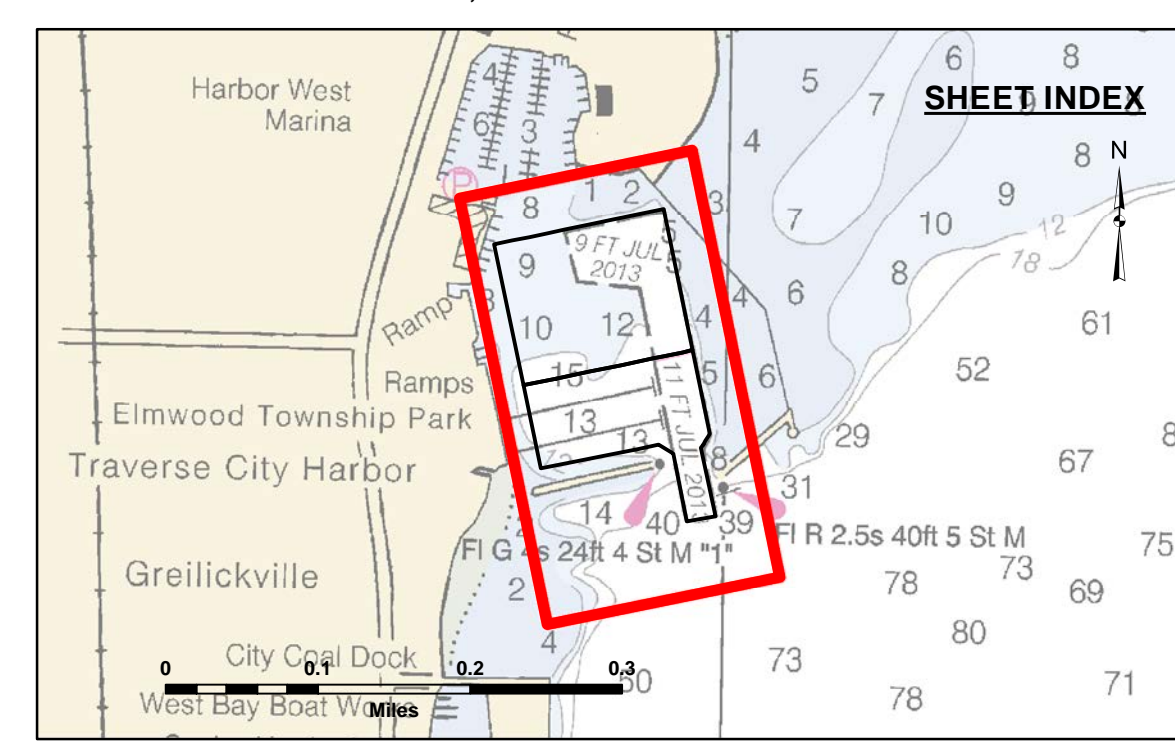
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U.S. ARMY CORPS OF ENGINEERS DETROIT DISTRICT		
Submitted:	Surveyed By:	
Recommended:	Plotted By:	
Approved:	Checked By:	
	Chief, Survey Station	
	Chief, Technical Services	

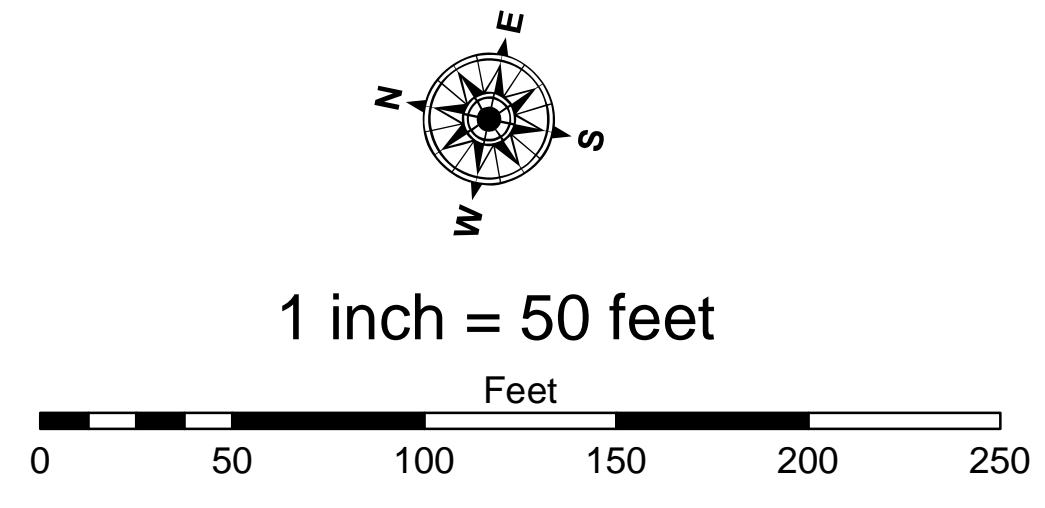
**Greilickville Harbor, MI**  
**Greilickville Harbor**  
**GR\_01\_LCK\_20231101\_CS**  
**01 November 2023**

**Sheet Reference Number**  
**1 of 1**



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

- SOUNDING LEGEND**
- Red: LESS THAN PROJECT DEPTH
  - Light Blue: PROJECT DEPTH
  - Light Green: PROJECT DEPTH +1'
  - Light Yellow: PROJECT DEPTH +2'
  - Light Orange: PROJECT DEPTH +3'
  - Orange: PROJECT DEPTH +4'
  - Dark Orange: 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/SOAL 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. 85 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 MVV  
CORRECTIONS: MARINESTAR G24  
SONAR: R2SONIC 2024 MULTIBEAM  
SOFTWARE: HYPACK 2021  
VESSEL: LAUNCH 3058

2010 AERIAL PHOTOGRAPHY DATA SOURCE: NAIP