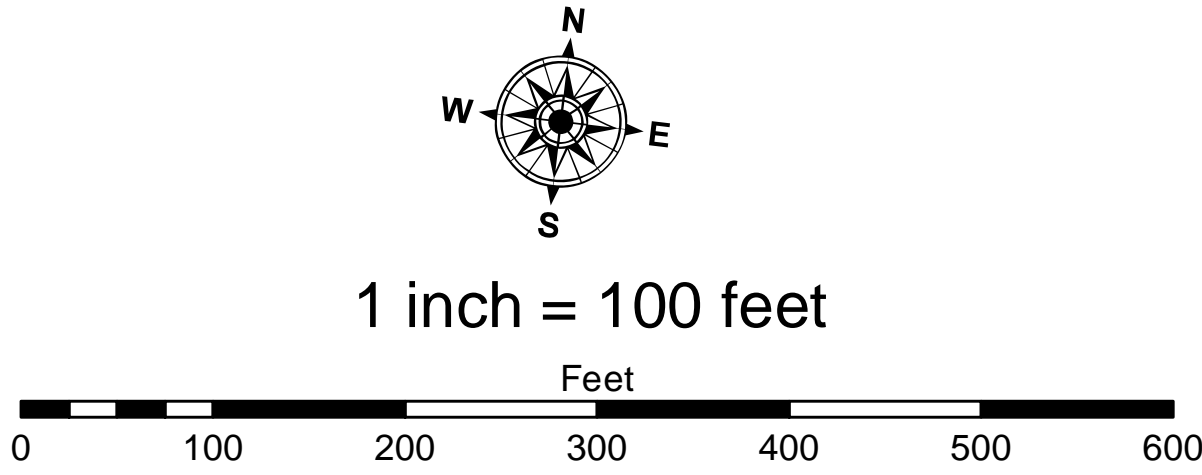


- LEGEND**
- Cable Submarine
 - Cable Overhead
 - Placement Area
 - ⊥ Beacon, General
 - Contour Lines
 - Channel Limits

- 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/SOAL REMOVAL OPERATIONS AND NOTICES TO NAVIGATION INTERESTS.
 2. GRIDS SHOWN ARE BASED ON THE NATIONAL GEODETIC SURVEY PROJECTION TABLES, STATE OF MICHIGAN, SOUTH ZONE (2113), 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.
 4. VERTICAL WATER LEVEL READINGS WERE TAKEN FROM A FIXED GAGE MARK ALONG THE SHEET STEEL WALL NEAR CROSS SECTION 9+00E IN SOUTH HAVEN HARBOR, MI.
 5. HYDRAULIC CORRECTOR OF 0.3 FEET APPLIED.
 6. PROJECT DEPTH = 12.0 FEET
 7. POSITIONING: APPLINX POS M/V CORRECTIONS: OMNISTAR GNSS G2 SONAR: R2SONIC 2024 MULTIBEAM SOFTWARE: HYPACK 2018 VESSEL: LAUNCH 3058

South Haven, MI
South Haven Harbor
SH_01_HVN_20200812_CS
12 August 2020

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Reference
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