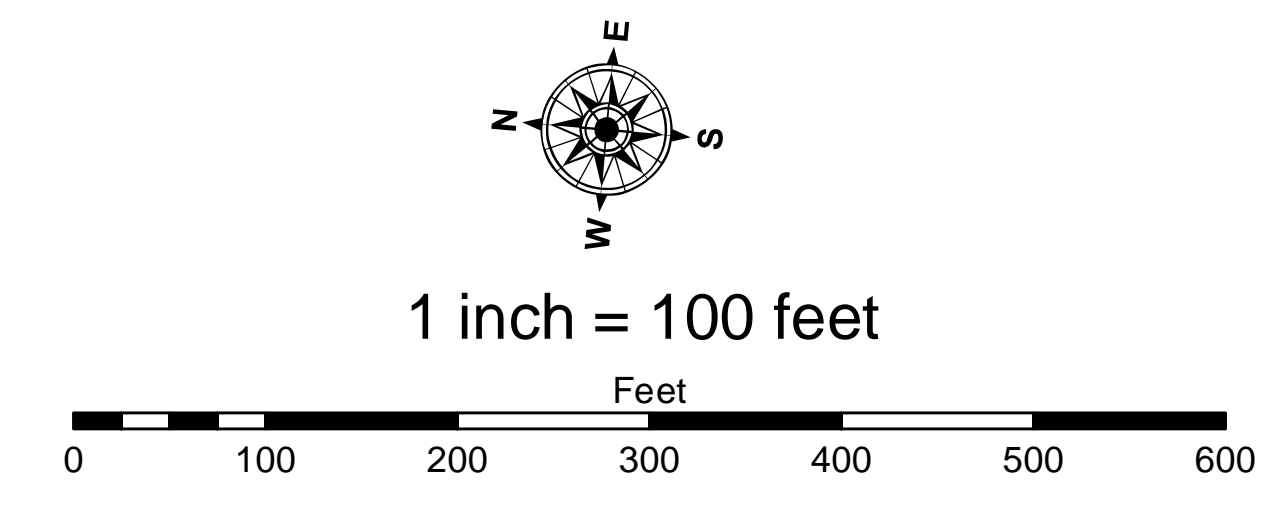


LEGEND

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

SOUNDING LEGEND

- Red: LESS THAN PROJECT DEPTH
- Light Blue: PROJECT DEPTH
- Medium Blue: PROJECT DEPTH +1'
- Dark Blue: PROJECT DEPTH +2'
- Very Dark Blue: PROJECT DEPTH +3'
- Black: PROJECT DEPTH +4'
- Dark Purple: PROJECT DEPTH +5'



NOTES:

THE SOUNDINGS INDICATED HEREIN ARE GENERALIZED DEPTHS AND ARE NOT REPRESENTATIVE OF THE FULL DATASET. THE SOUNDINGS REPRESENT THE MINIMUM DEPTH FOUND WITHIN THE 10X10 FOOT AREA CENTERED ON THE TEXT, DERIVED FROM A 1X1 FOOT AVERAGE DATASET AT CELL CENTER. THIS MAP SHOULD NOT BE USED FOR CHANNEL CLEARANCE OR VOYAGE COMPUTATIONS. MINIMUM DEPTH DATA IS PROVIDED FOR STRIKE/SOAL REMOVAL OPERATIONS AND NOTICE TO NAVIGATION INTERESTS.

HORIZONTAL GRID DATUM BASED ON MICHIGAN STATE PLANE COORDINATE SYSTEM, LAMBERT PROJECTION, SOUTH ZONE (2113, NORTH AMERICAN DATUM 1983, U.S. SURVEY FOOT.

ALL SOUNDINGS ARE REFERENCED TO INTERNATIONAL GREAT LAKES DATUM OF 1985 (IGLD85).

PROJECT DEPTHS FOR LIME KILN, AMHERSTBURG AND HACKETT CHANNELS = 21.0' & 27.5'

TIDE VALUES ARE DERIVED FROM THE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION (NOAA) WATER LEVEL STATIONS:

WYANDOTTE, MI (#9044030)
 GIBRALTAR (#9044020)
 FERMI POWER PLANT, MI (#9063090)

POSITIONING: APPLANIX POS-MV4 W/ VRS/RTK OR MARINESTAR GNSS.
 MOTION COMPENSATION: APPLANIX POS-MV4
 SONAR: R2SONIC 2024 (MULTIBEAM TRANSDUCER)
 SOFTWARE: HYPACK

2010 AERIAL PHOTOGRAPHY DATA SOURCE: USGS

ALL COORDINATES ARE IN U.S. SURVEY FEET.



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U.S. ARMY CORPS OF ENGINEERS
 DETROIT DISTRICT

Surveyed By: _____
 Plotted By: _____
 Checked By: _____

Submitted: _____
 Recommended: Chief, Survey Section
 Approved: Chief, Technical Services

Detroit River, MI
Lime Kiln Reach
 DR_01_LIM_20220909_CS
 09 September 2022

Sheet Reference Number
 1 of 3

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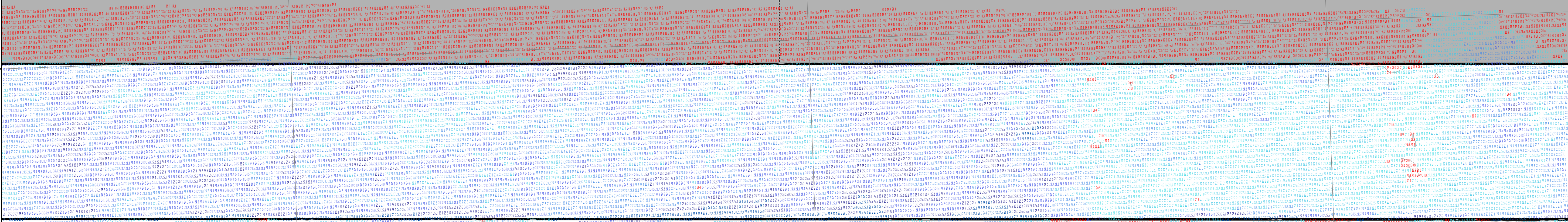
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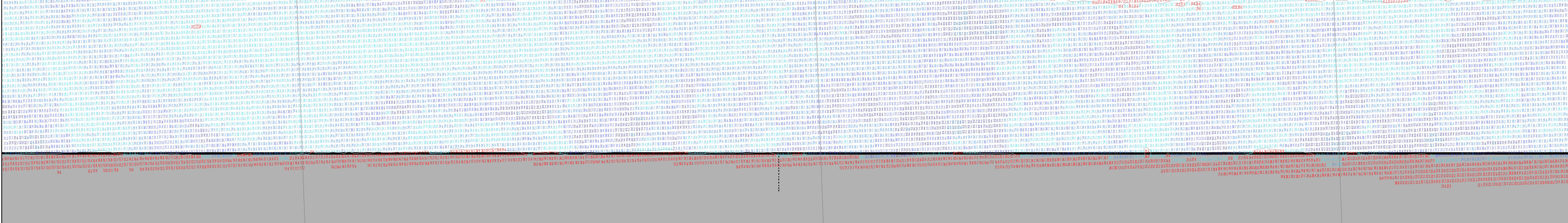
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PROJECT DEPTH = 21.0'



PROJECT DEPTH = 27.5'



13,462,000

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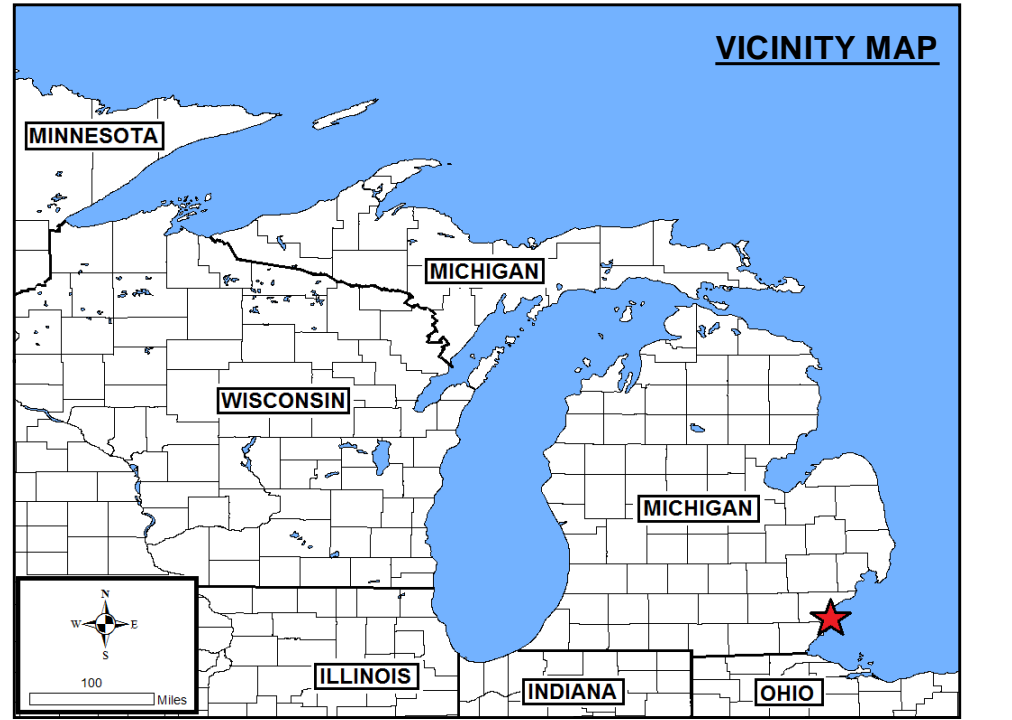
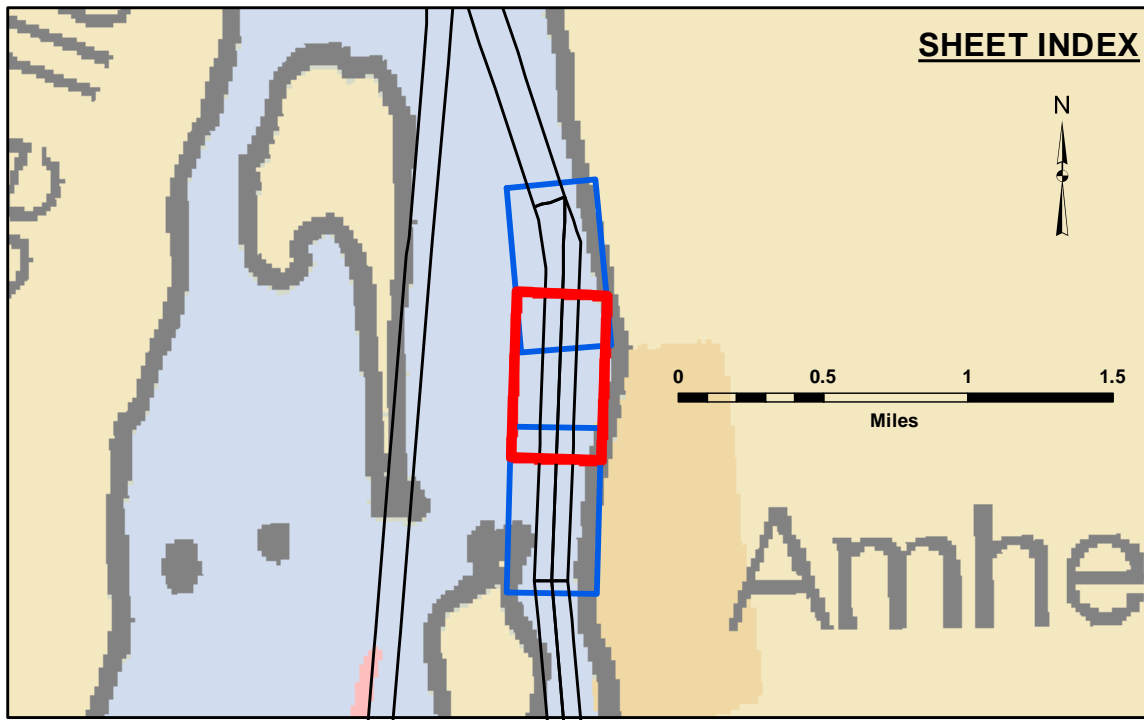
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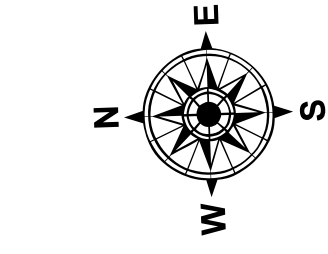
SHEET INDEX

VICINITY MAP

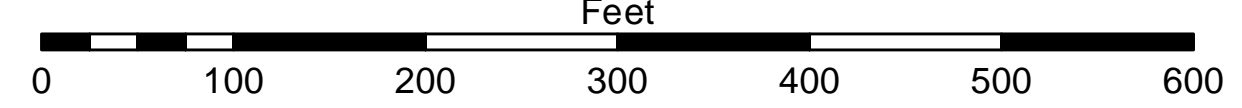


- LEGEND**
- Cable Submarine
 - - - - Cable Overhead
 - Placement Area
 - ⊥ Beacon, General
 - Contour Lines
 - ▭ Channel Limits

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



1 inch = 100 feet



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SONAR: R2SONIC 2024 (MULTIBeam TRANSDUCER)
SOFTWARE: HYPACK

2010 AERIAL PHOTOGRAPHY DATA SOURCE: USGS

ALL COORDINATES ARE IN U.S. SURVEY FEET



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

Detroit River, MI
Lime Kiln Reach
DR_01_LIM_20220909_CS
09 September 2022

Sheet Reference Number
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Revision Number:
4.2-2026030