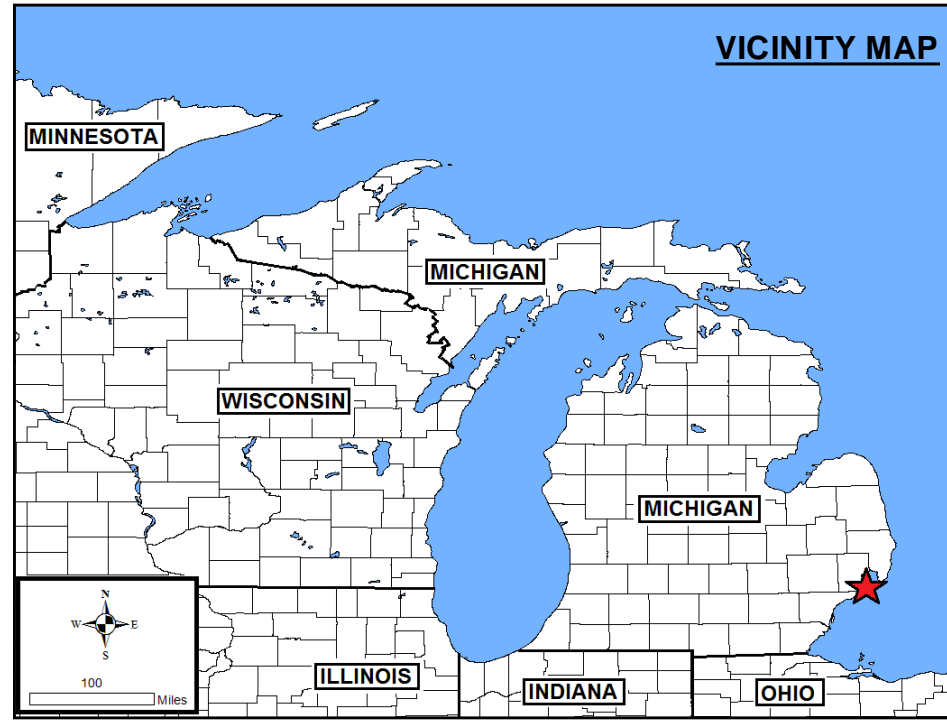
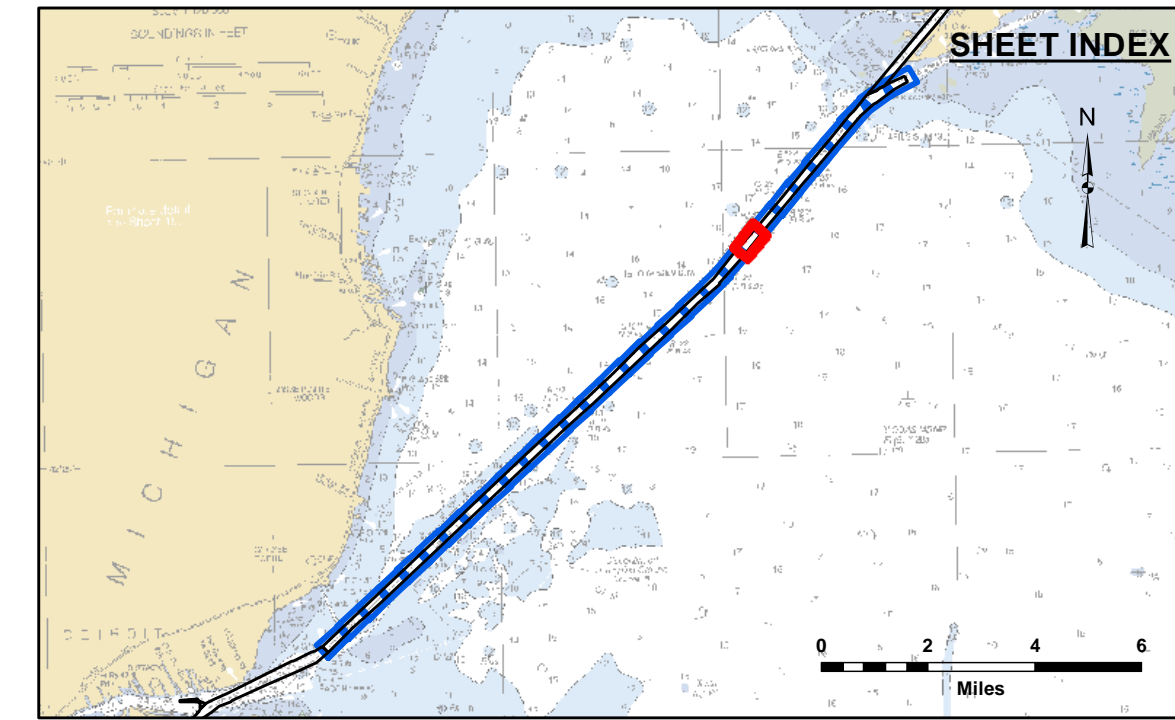


**Disclaimer:** The data represents the results of data collection/processing for a specific US Army Corps of Engineers activity and indicates the general existing conditions. The user is responsible for the accuracy, completeness, and reliability of the data for other than its intended purpose.

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

**Channels in Lake St. Clair, MI**  
**Channels of Lake St Clair**  
**CL\_01\_LSC\_20221123\_AD**  
**23 November 2022**

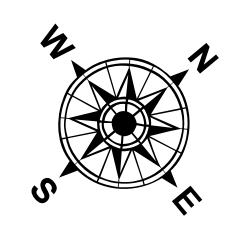


**LEGEND**

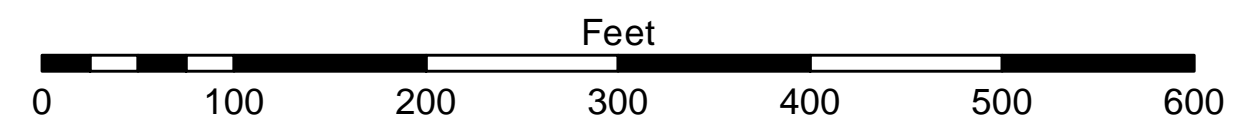
- ..... Cable Submarine
- - - Cable Overhead
- Placement Area
- ⊥ Beacon, General
- Contour Lines
- ▭ Channel Limits

**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



**NOTES:** THE INFORMATION DEPICTED ON THIS MAP REPRESENTS THE RESULTS OF SURVEYS MADE ON THE DATES INDICATED AND CAN ONLY BE CONSIDERED AS INDICATING THE GENERAL CONDITIONS AT THE TIME.

FOR MULTIBEAM SURVEYS:  
 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 VOLUME COMPUTATIONS. MINIMUM DEPTH DATA IS PRODUCED FOR STRIKE/SHOAL 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).

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

ST CLAIR SHORES, MI (#9034052)

POSITIONING: APPLINX POS-MV4 w/ VRS/RTK OR MARINESTAR GNSS.  
 MOTION COMPENSATION: APPLINX POS-MV4  
 SONAR: RESONANC 2024 (MULTIBEAM) OR ODOM CV-300 (SINGLEBEAM)  
 SOFTWARE: HYPACK

2010 AERIAL PHOTOGRAPHY DATA SOURCE: USGS  
 ALL COORDINATES ARE IN U.S. SURVEY FEET.

**Sheet Reference Number**  
**22 of 30**