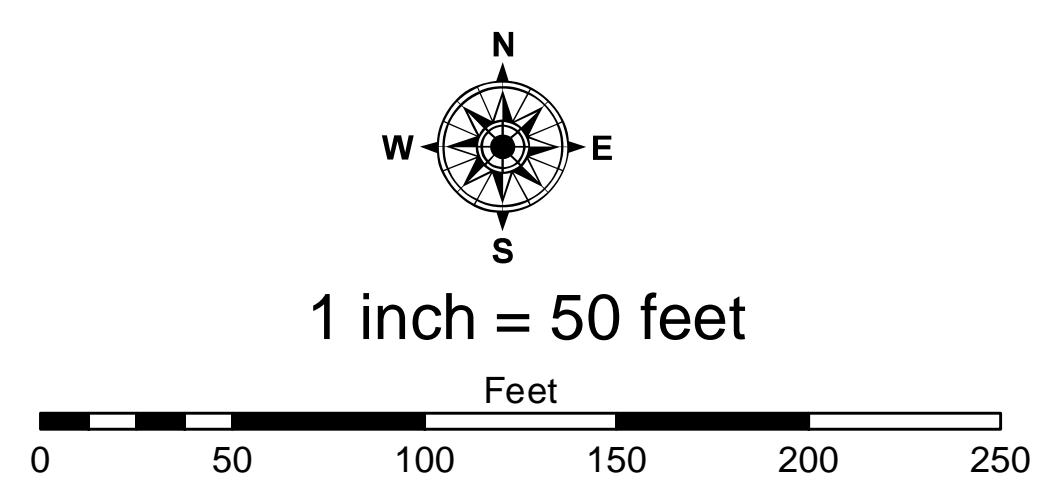
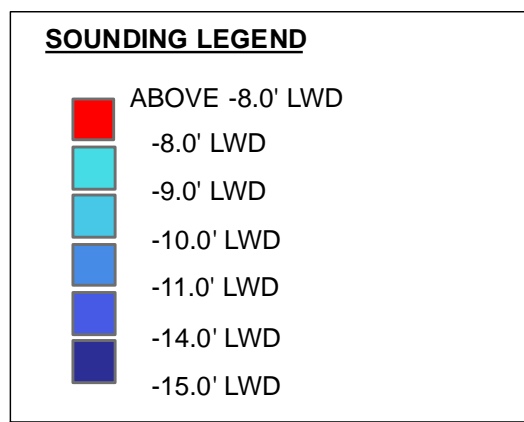


**LEGEND**  
 - Contour Lines  
 - Channel Limits



**NOTES:**

- 1) THE INFORMATION DEPICTED ON THIS CHART REPRESENTS THE RESULTS OF SURVEYS MADE ON THE DATE INDICATED AND CAN ONLY BE CONSIDERED AS INDICATING THE GENERAL CONDITIONS PRESENT AT THAT TIME.
- 2) SOUNDING DEPTHS ARE REFERENCED TO INTERNATIONAL GREAT LAKES DATUM 1985 (IGLD 85) LOW WATER DATUM ELEVATION 601.1 FEET ABOVE MEAN WATER LEVEL AT RIMOUSKI QUEBEC. WATER LEVEL READINGS WERE OBTAINED WITH RTK GPS VALUES. DEPTHS ARE MEASURED USING A ROSS LABORATORIES MODEL 825C PORTABLE SURVEY SOUNDER.
- 3) HORIZONTAL POSITIONING IS DETERMINED USING REAL TIME KINEMATIC (RTK) GLOBAL NAVIGATION SATELLITE SYSTEM (GNSS) CORRECTIONS FROM A BASE STATION LOCATED AT USACE CONTROL POINT 506, A PK NAIL SET IN CONCRETE NEAR THE NORTHWESTERLY CORNER OF THE BOAT RAMP. THE GPS RECEIVERS ARE MANUFACTURED BY TRIMBLE, MODELS SPA751 AND R10.
- 4) THE GRID COORDINATE SYSTEM SHOWN IS REFERENCED TO THE MINNESOTA STATE PLANE COORDINATE SYSTEM, LAMBERT PROJECTION, NORTH ZONE (2201), NORTH AMERICAN DATUM 1983 (NAD 83), US SURVEY FOOT.
- 5) THERE ARE NO AUTHORIZED NAVIGATION CHANNEL LIMITS OR AUTHORIZED CHANNEL DEPTHS FOR TACONITE HARBOR, MN. THIS IS A MN-DNR HARBOR WITH USACE STRUCTURES.
- 6) 2010 AERIAL PHOTOGRAPHY DATA SOURCE: USGS



**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. It is not intended to be used for any other purpose, accuracy, or implied concerning the accuracy, completeness, reliability, usability, or suitability for any particular purpose of the user. The user is responsible for the accuracy of any of the application of the data for other than its intended purpose.

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

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 Taconite Harbor (DNR)  
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