



**NOTES:**

- 1) THE SOUNDINGS AND ASSOCIATED INFORMATION REPRESENTED HEREIN ARE THE RESULT OF SURVEYS MADE ON THE DATE AS INDICATED AND CAN ONLY BE CONSIDERED REPRESENTATIVE OF THE GENERAL CONDITIONS EXISTING AT THE TIME OF SURVEY.
- 2) THE SOUNDINGS DEPICTED HEREIN ARE EXPRESSED IN U.S. SURVEY FEET AND TENTHS THEREOF AND ARE REFERENCED TO THE FOLLOWING DATUMS:  
HORIZONTAL: MICHIGAN STATE PLANE COORDINATE SYSTEM, MICHIGAN SOUTH ZONE #2113, NORTH AMERICAN DATUM (NAD) OF 1983.  
VERTICAL: INTERNATIONAL GREAT LAKES DATUM (IGLD) OF 1985.
- 3) THE ABOVE SURVEY WAS CONDUCTED USING THE U.S.A.C.E. SURVEY VESSEL WHEELER EMPLOYING THE FOLLOWING COMPONENTS:  
POSITIONING: APPLINK POS-MV4 //DGPS CORRECTIONS, U.S.C.G. BEACON #938  
MOTION COMPENSATION: APRILINK POS-NAV  
SONAR: RESONIC D24 (MULTIBeam TRANSDUCER)  
SOFTWARE: HYPACK 2012
- 4) TIDE CORRECTION VALUES DERIVED FROM THE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION (NOAA) WATER LEVEL STATION(S) AS FOLLOWS:  
ST. CLAIR SHORES, MI (#9034052) @ 11%  
ALGONAC, MI (#9014070) @ 89%
- 5) THE EDITED MULTIBEAM DATA WAS SORTED INTO A 20 FT. BY 20 FT. MATRIX WHERE THE AVERAGE SOUNDING WAS SELECTED FOR PLOTTING AT THE CELL CENTER.

	UNITED STATES ARMY CORPS OF ENGINEERS DETROIT AREA OFFICE, DETROIT, MICHIGAN	
	<b>CONDITION SURVEY</b> <b>ST. CLAIR RIVER, MICHIGAN</b> <b>ST. CLAIR RIVER CHANNEL</b> <b>CS 495+00 TO CS 528+00</b>	
DRAWN BY: <b>A.W.P.</b>	CHECKED BY: <b>C.V.L.</b>	
DATE OF SURVEY: <b>JULY 28, 2012</b>		SHEET <b>7</b> OF <b>54</b>

