



- 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: THE NATIONAL PLANE COORDINATE SYSTEM, MICHAEL 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: APPLANIX POS-MV4 W/DGPS CORRECTIONS, U.S.C.G. BEACON #938  
MOTION COMPENSATION: APPLANIX POS-MV4  
SONAR: R2SONIC 2024 (MULTIBEAM TRANSDUCER)  
SOFTWARE: HYPACK 2013
- 4) TIDE CORRECTION VALUES DERIVED FROM THE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION (NOAA) WATER LEVEL STATION(S) AS FOLLOWS:  
ST CLAIR POLICE, MI (#9014080) @ 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.

 <p>US ARMY CORPS OF ENGINEERS DETROIT DISTRICT</p>	<p>UNITED STATES ARMY CORPS OF ENGINEERS DETROIT AREA OFFICE, DETROIT, MICHIGAN</p>	
	<p>CONDITION SURVEY ST. CLAIR RIVER, MICHIGAN ST. CLAIR RIVER CHANNEL CS 700+00 TO CS 735+00</p>	
<p>DRAWN BY: A.W.P.</p>		
<p>CHECKED BY: C.V.L.</p>	<p>DATE OF SURVEY: JULY 27, 2012</p>	
 <p>SCALE 1" = 100'</p>		<p>SHEET 13 OF 54</p>