



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: APPLINX POS-MV4 W/DGPS CORRECTIONS, U.S.C.G. BEACON #838  
MOTION COMPENSATION: APPLINX POS-MV4  
SONAR: RESONANCE 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:  
BLACK RIVER, MI (#9014090) @ 4%  
DRY DOCK, MI (#9014087) @ 54%
- 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.

	<b>UNITED STATES ARMY CORPS OF ENGINEERS</b> DETROIT AREA OFFICE, DETROIT, MICHIGAN	
	<b>CONDOR SURVEY</b> <b>ST. CLAIR RIVER, MICHIGAN</b> ST. CLAIR RIVER CHANNEL CS 1920+00 TO CS 1954+00	
DRAWN BY: <b>A.W.P.</b>	DATE OF SURVEY: JULY 16, 2012	
CHECKED BY: C.V.L.	DATE OF SURVEY: JULY 16, 2012	
		SHEET <b>48</b> OF <b>54</b>