



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.
VERTICLE: INTERNATIONAL GREAT LAKES DATUM (IGLD) OF 1985.
- 3) THE ABOVE SURVEY WAS CONDUCTED USING THE U.S.A.C.E. SURVEY VESSEL EMPLOYING THE FOLLOWING COMPONENTS:
POSITIONING: APPLINX POS-MV4 W/DGPS CORRECTIONS, U.S.C.C. BEACON #938
MOTION COMPENSATION: APPLINX POS-MV4
SOFTWARE: RSONIC 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 @ 82%
ALGONAC, MI (#9014070) @ 18%
- 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.

 DRAWN BY: A. W.P.	UNITED STATES ARMY CORPS OF ENGINEERS DETROIT AREA OFFICE, DETROIT, MICHIGAN
	CONDITION SURVEY ST. CLAIR RIVER, MICHIGAN ST. CLAIR RIVER CHANNEL CS 1224+00 TO CS 1259+50
CHECKED BY: C.V.L.	DATE OF SURVEY: JULY 23, 2012
SCALE 1" = 100' 	
SHEET 28 OF 54	