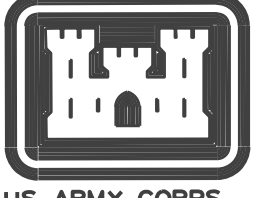


NOTES:

- 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.
- 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 STATE ZONE #2113, NORTH AMERICAN DATUM (NAD) OF 1983.
VERTICAL: INTERNATIONAL GREAT LAKES DATUM (IGLD) OF 1985.
- THE ABOVE SURVEY WAS CONDUCTED USING THE U.S.A.C.E. SURVEY VESSEL WHEELER EMPLOYING THE FOLLOWING COMPONENTS:
POSITIONING: APPLANX POS-MV4 W/ GPS CORRECTIONS, U.S.C.G. BEACON #838
MOTION COMPENSATION: APPLANX POS-MV4
SONAR: ODOM CV300
SOFTWARE: HYPACK 2015
- TIDE CORRECTION VALUES DERIVED FROM THE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION (NOAA) WATER LEVEL STATION(S) AS FOLLOWS:
BLACK RIVER, MI (#9014090) @ 82%
DUNN PAPER, MI (#9014096) @ 18%



UNITED STATES ARMY CORPS OF ENGINEERS
DETROIT AREA OFFICE, DETROIT, MICHIGAN

CONDITION SURVEY
ST. CLAIR RIVER, MICHIGAN
ST. CLAIR RIVER CHANNEL
CS 2020+00 TO CS 2048+00

DATE OF SURVEY: 27 SEPT 2017

SCALE 1" = 100'

SHEET 51 OF 54