



LEGEND
 THE INFORMATION DEPICTED ON THIS MAP REPRESENTS THE RESULTS OF SURVEYS MADE ON THE DATES INDICATED AND CAN ONLY BE CONSIDERED AS INDICATING THE GENERAL CONDITIONS AT THE TIME.

LOW WATER DATUM
 ELEVATIONS AND PROJECT DEPTHS ARE REFERRED TO INTERNATIONAL GREAT LAKES DATUM. (1985)

GRID COORDINATES
 GRIDS SHOWN ARE BASED ON NATIONAL GEODETIC SURVEY PROJECTION TABLES, STATE OF MICHIGAN, SOUTH ZONE (2113), LAMBERT PROJECTION, 1983 NORTH AMERICAN DATUM.

ALL COORDINATES ARE IN U.S. SURVEY FEET.

DIRECTIONS
 ALL DIRECTIONS ARE GRID AZIMUTHS REFERRED TO NORTH ZERO.

NOTES:

- GAUGES USED WERE OBTAINED BY AVERAGING DATA FROM NOAA GAUGES AT FERMIL POWER PLANT (9063090) AND GIBRALTER MI. (9044020) DATA WAS OBTAINED ELECTRONICALLY VIA THE INTERNET.
- POSITIONS WERE DETERMINED BY GPS REFERENCE BEACON 838, LOCATED AT FORT WAYNE DETROIT, MICHIGAN - FREQUENCY 319 KHZ, 200 BPS
- DEPTH MEASURED USING SEABAT 8125 ULTRA HIGH RESOLUTION FOCUSED MULTI-BEAM ECHOSOUNDER SYSTEM AND THE DOOM DIGIBAR PHD DB1200 VELOCITY PROFILER
- EDITED MULTIBEAM SOUNDINGS WERE SORTED INTO A 37 FT. BY 15 FT. MATRIX; THE LARGEST STRIKE LOCATED IN EACH MATRIX CELL WAS THEN SELECTED FOR PLOTTING AT THE CELL CENTER.

POSITIONING: TSS PDS-MV
SOFTWARE: HYPACK HYSWEEP
SONIC SOUNDER: RESON SEABAT 8125

AUTOMATED EQUIPMENT USED

APPROVED:

SCALE: 1" = 100'

SCALE AS SHOWN

NO.	DATE	REVISION	BY
1.	23 JULY 2008	UPDATED NOTES	RWP
2.	23 JULY 2008	PLACED SOUNDINGS	RWP

U.S. ARMY ENGINEER DISTRICT, DETROIT
CORPS OF ENGINEERS
DETROIT, MICHIGAN

DESIGNED BY: DETROIT AREA OFFICE 30 JUNE 2008
 DRAWN BY: RWP
 CHECKED BY: RWP
 REVIEWED BY: RWP

DETROIT RIVER, MICHIGAN
AMHERSTBURG CHANNEL
CS 113+50 TO CS 149+50
MULTI-BEAM SWEEP SURVEY
STRIKE PLOT

SUBMITTED BY: APPROVAL RECOMMENDED: P.E. DATE: _____
 CHIEF, PROJ OPS SEC-1 CHIEF, OPERATIONS TECHNICAL SUPPORT BRANCH P.E. DATE: _____
 APPROVED: _____ SCALE AS SHOWN DRAWING NUMBER: _____
 CHIEF, CONSTRUCTION - OPERATIONS DIVISION SHEET 2 OF 10 09290608.dgn