

**LEGEND**  
 THE INFORMATION PICTURED 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)

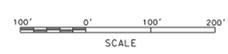
**GRID COORDINATES**  
 GRIDS SHOWN ARE BASED ON NATIONAL GEODETIC SURVEY PROJECTION TABLES, STATE OF MICHIGAN, SOUTH ZONE (2113), LAMBERT PROJECTION, 1983 NORTH AMERICAN DATUM.  
 ALL COORDINATES ARE IN U.S. SURVEY FEET.

**DIRECTIONS**  
 ALL DIRECTIONS ARE GRID AZIMUTHS REFERRED TO NORTH ZERO.  
 PROJECT DEPTHS ARE AS SHOWN ON DRAWING. ALL DEPTHS ARE IN U.S. SURVEY FEET.

**AUTOMATED EQUIPMENT USED**  
 POSITIONING: TSS POS-MV  
 SOFTWARE: HYPACK HYSHEEP  
 SONIC SOUNDER: RESON SEABAT 8125

**NOTES:**

- GAUGES USED WERE OBTAINED FROM THE NOAA GAUGE SITE AT WYANDOTTE MI. (19044030) ELECTRONICALLY VIA THE INTERNET.
- POSITIONS WERE DETERMINED BY GPS REFERENCE BEACON 839, 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 ODOM DIGIBAR PRO 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.



1.	24 JULY 2008	UPDATED NOTES	RWP
2.	24 JULY 2008	PLACED SOUNDINGS	RWP
NO.	DATE	REVISION	BY
<b>U.S. ARMY ENGINEER DISTRICT, DETROIT</b> CORPS OF ENGINEERS DETROIT, MICHIGAN			
DESIGNED BY:	DETROIT AREA OFFICE		09 JUNE 2008
DRAWN BY:	<b>DETROIT RIVER, MICHIGAN</b>		
CHECKED BY:	BALLARD'S REEF CHANNEL		
REVIEWED BY:	CS 467+50 TO CS 498+50		
SUBMITTED BY:	MULTI-BEAM SWEEP SURVEY		
APPROVED:	STRIKE PLOT		
CHIEF, CONSTRUCTION OPERATIONS DIVISION	P.E.	CHIEF, OPERATIONS TECHNICAL SUPPORT BRANCH	P.E. DATE
SCALE AS SHOWN		DRAWING NUMBER	
SHEET 2 OF 6		br2s0608.dgn	