

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 AS SHOWN ON THE SHEET. THEY 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.

DIRECTIONS

ALL DIRECTIONS ARE GRID AZIMUTHS REFERRED TO NORTH ZERO.

PROJECT DEPTHS ARE AS SHOWN ON DRAWING.

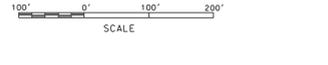
THE AUTOMATED ELECTRONIC SURVEY WAS CONDUCTED BY FRED LEACH, PARTY CHIEF, ABOARD THE USACE SURVEY VESSEL WHEELER

AUTOMATED EQUIPMENT USED

POSITIONING: TSS POS-WV
DATA PROCESSOR: DELL 330 PC
SOFTWARE: HYPACK
PLOTTER: CALLET
SONIC SOUNDER: RESON SEABAT 8125

NOTES

- GAGES USED ARE A WEIGHTED AVERAGE OF GAGES OBTAINED ELECTRONICALLY VIA THE INTERNET FROM NOAA GAGES AT WYANDOTTE (1635) AND GIBRALTAR (1374), MICHIGAN.
- POSITIONS WERE DETERMINED BY GPS RESOLUTION FOCUSED MULTIBEAM ECHOSOUNDER SYSTEM AND ODOM MEASURED PRO DB1200 VELOCITY PROFILER.
- DEPTH MEASURED USING SEABAT 8125 ULTRA HIGH RESOLUTION FOCUSED MULTIBEAM ECHOSOUNDER SYSTEM AND ODOM MEASURED PRO DB1200 VELOCITY PROFILER.
- EDITED MULTIBEAM SOUNDINGS WERE SORTED INTO A 33 FT. BY 15 FT. MATRIX. THE SHALLOWEST SOUNDING LOCATED IN EACH MATRIX CELL WAS THEN SELECTED FOR PLOTTING AT THE CELL CENTER



NO.	DATE	REVISION	BY

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

13 NOVEMBER 2006

DETROIT RIVER, MICHIGAN
TRENTON CHANNEL
CS 320+00 TO CS 356+00
MULTI-BEAM SWEEP SURVEY RESULTS
MINIMUM DEPTH PLOT

DESIGNED BY:	DETROIT AREA OFFICE	13 NOVEMBER 2006
DRAWN BY:	J.B.	
CHECKED BY:		
REVIEWED BY:		
SUBMITTED BY:	P.E.	DATE
CHIEF, PROJ OPS SEC	CHIEF, OPERATIONS MAINT BRANCH	
APPROVED:		
CHIEF, CONSTRUCTION - OPERATIONS DIVISION	P.E.	DRAWING NUMBER
		SHEET 10 OF 14 110S1106.dgn