



LEGEND

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

LOW WATER DATUM

ELEVATIONS AND PROJECT DEPTHS ARE AS SHOWN ON THE DRAWING AND ARE REFERRED TO INTERNATIONAL GREAT LAKES DATUM, (1985) AND ARE ELEVATIONS ABOVE MEAN WATER LEVEL AT RIMOUSKI, QUEBEC.

GRID COORDINATES

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

DIRECTIONS

ALL DIRECTIONS ARE GRID AZIMUTHS REFERRED TO NORTH ZERO.

NOTES

- GAGES USED WERE OBTAINED ELECTRONICALLY FROM NOAA GAGES AT ALGONAC (17451), AND ST. CLAIR SHORES (12621), MICHIGAN, VIA THE INTERNET.
- POSITIONS WERE DETERMINED BY GPS REFERENCE BEACON B38, LOCATED AT FORT WAYNE DETROIT, MICHIGAN - FREQUENCY 319 KHZ, 200 PPS
- DEPTH MEASURED USING SEABAT 8125 ULTRA HIGH RESOLUTION FOCUSED MULTIBEAM ECHOSOUNDER SYSTEM.
- EDITED MULTIBEAM SOUNDINGS WERE SORTED INTO A 37 FT. BY 15 FT. MATRIX. THE SHALLOWEST SOUNDING LOCATED IN EACH CELL OF THE MATRIX WAS SELECTED FOR PLOTTING AT THE CELL CENTER.

AUTOMATED EQUIPMENT USED

THE AUTOMATED ELECTRONIC SURVEY WAS CONDUCTED USING THE FOLLOWING EQUIPMENT:

POSITIONING: TSS POS-MV
 DATA PROCESSOR: DELL 330 PC
 SOFTWARE: HYPACK
 PLOTTER: CADJET 2
 SONIC SOUNDER: RESON SEABAT 8125

NO.	DATE	REVISION	BY

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

26 JULY 2006

ST. CLAIR RIVER, MICHIGAN
 CS 323+00 TO CS 356+00
MULTI-BEAM SWEEP SURVEY RESULTS
MINIMUM DEPTH PLOT

DESIGNED BY: DETROIT AREA OFFICE
 DRAWN BY: J.B.
 CHECKED BY:
 REVIEWED BY:
 SUBMITTED BY:
 CHIEF, PROJ. OPS. SEC.
 APPROVED:

APPROVAL RECOMMENDED: P.E.L. DATE
 CHIEF, DTS BRANCH

SCALE AS SHOWN
 SHEET 2 OF 54
 DRAWING NUMBER
 SC0280706.dgn