



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 SHEETS. THEY ARE REFERRED TO THE MEAN SEA LEVEL (1985) AND ARE ELEVATIONS ABOVE MEAN WATER LEVEL AT RIMOUSKI, QUEBEC.

GRID COORDINATES

GRIDS SHOWN ARE BASED ON NATIONAL GEODETIC SURVEY PROJECTION TABLES. STATE OF MICHIGAN SOUTH ZONE (1185) LAMBERT PROJECTION, 1983 NORTH AMERICAN DATUM.

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

DIRECTIONS

ALL DIRECTIONS ARE GRID AZIMUTHS REFERRED TO NORTH ZERO.

PROJECT DEPTHS ARE AS SHOWN ON DRAWING.

NOTES:

1. GAGES USED WERE OBTAINED ELECTRONICALLY FROM NOAA GAGES AT ST. CLAIR (2051), AND ALDONAC (8001), MICHIGAN, VIA THE INTERNET.
2. POSITIONS WERE DETERMINED BY GPS. REFERENCE BEACON 38, LOCATED AT FORT WATNEY DETROIT, MICHIGAN - FREQUENCY 319 KHZ, 200 BPS
3. DEPTH MEASURED USING SEABAT 8125 ULTRA HIGH RESOLUTION FOCUSED MULTIBEAM ECHOSOUNDER SYSTEM.
4. EDITED MULTIBEAM SOUNDINGS WERE SORTED INTO A 3 FT. BY 15 FT. MATRIX. THE SHALLOWEST SOUNDING LOCATED IN EACH CELL OF THE MATRIX WAS SELECTED FOR PLOTTING AT THE CELL CENTER.

NO.	DATE	REVISION	BY

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

DESIGNED BY: DETROIT AREA OFFICE 19 SEPTEMBER 2006
 DRAWN BY: J.B.
 CHECKED BY: J.B.
 REVIEWED BY: J.B.
 SUBMITTED BY: P.E.
 APPROVAL RECOMMENDED: P.E. DATE

PROJECT: ST. CLAIR RIVER, MICHIGAN
 CS 771+00 TO CS 805+00
 MULTI-BEAM SWEEP SURVEY RESULTS
 MINIMUM DEPTH PLOT

SCALE AS SHOWN
 DRAWING NUMBER: SC15S0906.dgn
 SHEET 15 OF 54