



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.

DIRECTIONS

ALL DIRECTIONS ARE GRID AZIMUTHS REFERRED TO NORTH ZERO.

NOTES

- GAGES USED WERE OBTAINED ELECTRONICALLY FROM NOAA MICHIGAN GAGES AT ALGONAC [9014070] (180Z), AND ST. CLAIR SHORES (202Z), VIA THE INTERNET.
- POSITIONS WERE DETERMINED BY GPS REFERENCE BEACON B38. LOCATED AT FORT WAYNE DETROIT, MICHIGAN - FREQUENCY 319 KHZ, 200 BPS
- DEPTH MEASURED USING SEABAT B125 ULTRA HIGH RESOLUTION FOCUSED MULTIBEAM ECHOSOUNDER SYSTEM AND ODOM DICIBAR PRO DB1200 VELOCITY PROFILER.
- EDITED MULTIBEAM SOUNDINGS WERE SORTED INTO A 37 FT. BY 15 FT. MATRIX. THE SHALLOWEST SOUNDING LOCATED IN EACH MATRIX CELL WAS THEN SELECTED FOR PLOTTING AT THE CELL CENTER.

PROJECT DEPTHS ARE AS SHOWN ON DRAWING.
ALL DEPTHS ARE IN U.S. SURVEY FEET.

THE AUTOMATED ELECTRONIC SURVEY WAS CONDUCTED BY ROBERT R. SCHLIERE AND JAMES P. BYRNE, ABOARD THE USACE SURVEY VESSEL "WHEELER".

GRID COORDINATES

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

ALL COORDINATES ARE IN U.S. SURVEY FEET.

LOW WATER DATUM

ELEVATIONS AND PROJECT DEPTHS ARE AS SHOWN ON THE SHEET. THEY ARE REFERRED TO INTERNATIONAL GREAT LAKES DATUM (1985)

AUTOMATED EQUIPMENT USED

POSITIONING: TSS POS-MV
SOFTWARE: HIPACK HYSWEEP
SONIC SOUNDER: RESON SEABAT B125

27.2 FT. PROJECT DEPTH CONTOUR

SCALE 1" = 100'

NO.	DATE	REVISION	BY
1.	14 OCT 2008	UPDATED NOTES	RWP
2.	14 OCT 2008	PLACED SOUNDINGS AND CONTOURED	RWP

DESIGNED BY: _____
DRAWN BY: _____
CHECKED BY: _____
REVIEWED BY: _____

APPROVAL RECOMMENDED: _____
P.E. CHIEF, OPS BRANCH

DATE: _____

SCALE AS SHOWN

DRAWING NUMBER: SCF 040C0808
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