



U.S. ARMY ENGINEER DISTRICT, DETROIT CORPS OF ENGINEERS DETROIT, MICHIGAN			
DETROIT RIVER, MICHIGAN TRENTON CHANNEL CS 392+00 TO CS 464+00 MULTI-BEAM SWEEP SURVEY RESULTS MINIMUM DEPTH PLOT			
NO.	DATE	REVISION	BY
DESIGNED BY:	DETROIT AREA OFFICE	24 OCTOBER 2006	
DRAWN BY:	J. B.		
CHECKED BY:			
REVIEWED BY:			
SUBMITTED BY:	P.E. CHIEF, OPNS SEC	APPROVAL RECOMMENDED: P.E., CHIEF, OPERATIONS TECHNICAL SUPPORT BRANCH	DATE
APPROVED:	P.E. CHIEF, CONSTRUCTION - OPERATIONS DIVISION	SCALE AS SHOWN	
DRAWING NUMBER t13s1006.dgn SHEET 13 OF 14			

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:

1. All gages used are a weighted average of gages obtained electronically via the internet from NOAA gages at Wyandotte (38°51' N) and Gibraltar (42°21' N) Michigan.
2. Positions were determined by GPS reference beacon B38, located at Fort Wayne Detroit, Michigan - frequency 319 kHz, 200 BPS.
3. Depth measured using Seabat 8125 ultra high resolution focused multibeam echosounder system and Ocean Digital Pro 081200 velocity profiler.
4. 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.

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

GRID COORDINATES

Grids shown are based on National Geodetic Survey projection tables, State of Michigan, South Zone (2113), Lambert Projection, 1983 North American Datum.

SCALE