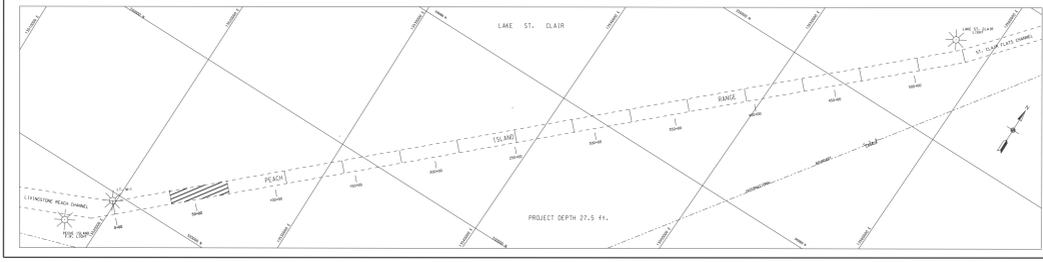


PROJECT DEPTH 27.5 FT.
C.L. A2ⁿ = 46-43'-45.2"

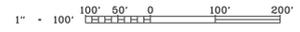
L.W.D. 572.3'



LEGEND
 THE INFORMATION DEPICTED ON THIS MAP REPRESENTS THE RESULTS OF SURVEYS MADE ON THE DATES INDICATED AND CAN ONLY BE USED FOR INDICATING THE GENERAL CONDITIONS AT THE TIME.
 LOW WATER DATUM
 ELEVATIONS AND PROJECT DEPTHS ARE REFERRED TO INTERNATIONAL GREAT LAKES DATUM (IGLD) (1985).
 GRID COORDINATES
 GRIDS SHOWN ARE BASED ON NATIONAL GEODETIC SURVEY PROJECTION TABLES. STATE OF MICHIGAN ZONE (2113), LAMBERT PROJECTION, 1983 NORTH AMERICAN DATUM.
 ALL COORDINATES ARE IN U.S. SURVEY FEET.

DIRECTIONS
 ALL DIRECTIONS ARE GRID AZIMUTHS REFERRED TO NORTH ZERO.
 PROJECT DEPTHS ARE AS INDICATED ABOVE
 THIS AUTOMATED ELECTRONIC SURVEY WAS CONDUCTED BY JOHN C. HAAS AND JOSEPH D. PEHILL ABOARD THE USACE SURVEY VESSEL "WHEELER".
 AUTOMATED EQUIPMENT USED
 POSITIONING: IGS POS-M/V
 SURVEY SOFTWARE: HYPERX HYSWEEP
 SONIC SOUNDERS: RESON SEABAT 8125
 27.5 ft. PROJECT DEPTH CONTOUR

- NOTES**
1. GAGES USED WERE OBTAINED ELECTRONICALLY FROM NOAA GAGE AT ST. CLAIR SHORES, MICHIGAN, VIA THE INTERNET.
 2. POSITIONS WERE DETERMINED BY GPS REFERENCE BEACON 838 LOCATED AT FORT WAYNE, DETROIT, MICHIGAN.
 3. DEPTH MEASURED USING RESON SEABAT 8125 ULTRA HIGH RESOLUTION FOCUSED MULTIBeam SOUNDER SYSTEM AND ODOM DIGIBAR P01200 VELOCITY PROFILER.
 4. EDITED MULTIBeam SOUNDINGS WERE SORTED INTO A 3' FT. BY 15' MESH. THE AVERAGE OF THE SOUNDINGS LOCATED IN EACH MATRIX CELL WAS THEN SELECTED FOR PLOTTING AT THE CELL CENTER.



U.S. ARMY ENGINEER DISTRICT, DETROIT CORPS OF ENGINEERS DETROIT, MICHIGAN	
DESIGNED BY: DRAWN BY: R.W.P. CHECKED BY: REVIEWED BY: SUBMITTED BY: APPROVED:	DETROIT AREA OFFICE 2 NOVEMBER 2010 LAKE ST. CLAIR, MICHIGAN PEACH ISLAND RANGE C.S. 36+00 TO C.S. 71+00 MULTIBeam CONDITION SWEEP SURVEY AVERAGE DEPTH PLOT APPROVAL RECOMMENDED: CHIEF, DTS BRANCH DATE:
CHIEF, CONSTRUCTION - OPERATIONS DIVISION SHEET 2 OF 23 ISc21110.dgn	SCALE AS SHOWN