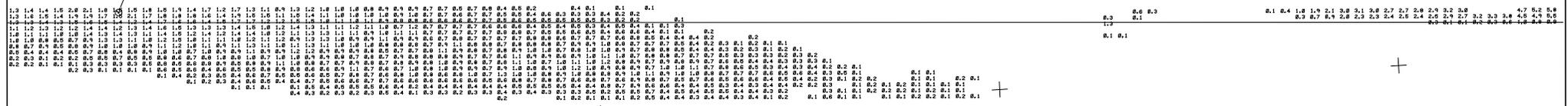


E 13456000
N 251000

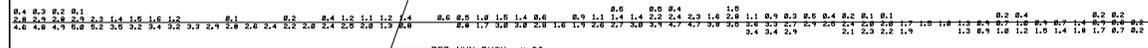
E 13456000
N 252000

MAMAJUDA SHOAL
LIGHTED JUNCTION BUOY
657+50 660+00 670+00 680+00 690+00 693+50



CENTER LINE, FIGHTING ISLAND CHANNEL

#3



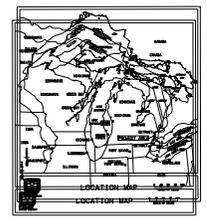
RED NUN BUOY #8-88

INTERNATIONAL BOUNDARY LINE

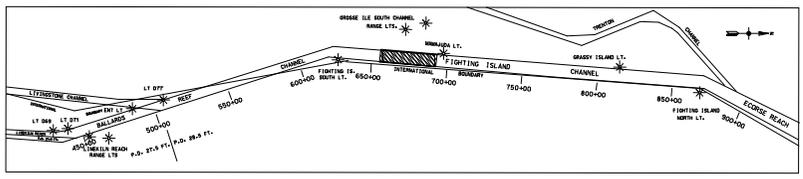
PROJECT DEPTH 28.5'
L.W.D. 570.0'

E 13458000
N 254000

E 13458000
N 252000



E 13458000
N 251000



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 REFERRED TO INTERNATIONAL GREAT LAKES DATUM (1985) CORRESPONDING TO THE SLIPPING SURFACE OF THE RIVER WHEN LAKE HURON IS AT ELEVATION 577.9, LAKE ST. CLAIR IS AT ELEVATION 572.3 FT. AND LAKE ERIE IS AT ELEVATION 569.2, ABOVE MEAN WATER LEVEL AT KINGSCOTE, QUEBEC.

GRID COORDINATES

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

DIRECTIONS

ALL DIRECTIONS ARE GRID AZIMUTHS REFERRED TO NORTH ZERO.

PROJECT DEPTHS ARE AS SHOWN ON DRAWING.

THE AUTOMATED ELECTRONIC SURVEY WAS CONDUCTED BY FREDERICK J. W. DOUGLASS PARTY CHIEF, ABOARD THE USACE SURVEY VESSEL WHEELER

AUTOMATED EQUIPMENT USED

POSITIONINGS: TSS POS-WY DATA PROCESSOR: DEAL 300 PC SOFTWARE: HYPAK ENCAD: CADLET 2 SONIC SOUNDER: RESON SEABAT 8125

NOTES

- 1. GAGES USED WERE OBTAINED FROM NOAA ELECTRONIC GAGE HOUSE IN WINDOTTE, MICHIGAN. CANADIAN GAGE WAS OBTAINED BY A-BURG PHONE.
2. POSITIONS WERE DETERMINED BY GPS REFERENCE BEACON #38, LOCATED AT FORT WAYNE DETROIT, MICHIGAN - FREQUENCY 319 KHZ, 200 BPS
3. DEPTH READINGS USING SEABAT 8125 ULTRA HIGH RESOLUTION FOCUSED MULTIBEAM ECHOSOUNDER SYSTEM



Table with project details including U.S. Army Engineer District, Detroit Corps of Engineers, Detroit River, Michigan Fighting Island Channel Multi-Beam Sweep Survey Results Minimum Strike Plot. Includes revision table, design and check dates, and drawing number.