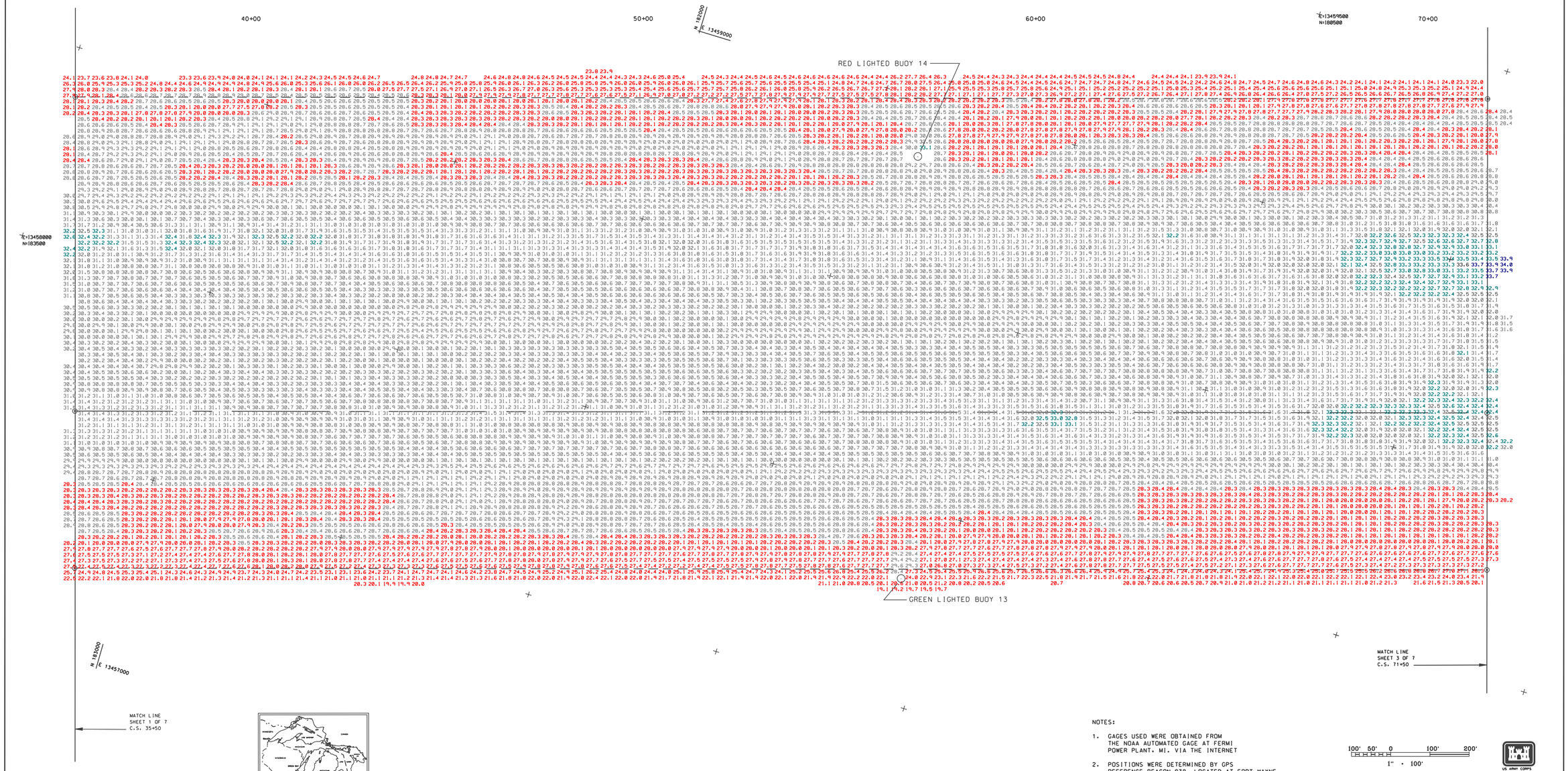

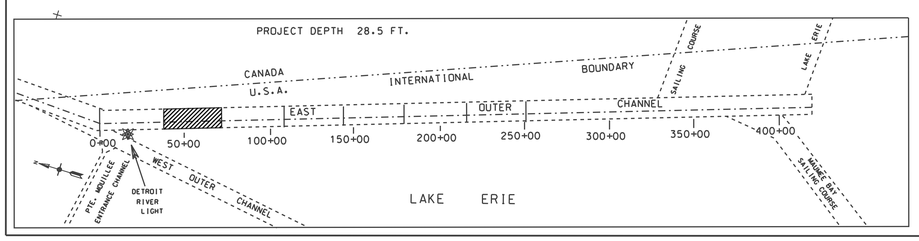

DIRECTIONS

ALL DIRECTIONS ARE GRID AZIMUTHS
REFERRED TO NORTH ZERO.

PROJECT DEPTHS

PROJECT DEPTHS ARE AS INDICATED ABOVE.

THE AUTOMATED ELECTRONIC SURVEY WAS
CONDUCTED BY FRED LEECH, PARTY CHIEF.
ABOARD THE USACOE SURVEY VESSEL WHEELER.

AUTOMATED EQUIPMENT USED

POSITIONING:	STARLINK DGPS
DATA PROCESSOR:	DELL PC
SOFTWARE:	COASTAL OCEANOGRAPHICS
PLOTTER:	ENCAD, CADJET 2
SONIC SOUNDER:	RESON 8125

NOTES:

1. GAGES USED WERE OBTAINED FROM
   THE NOAA AUTOMATED GAGE AT FERMI
   POWER PLANT, MI. VIA THE INTERNET

2. POSITIONS WERE DETERMINED BY GPS
   REFERENCE BEACON 838. LOCATED AT FORT WAYNE
   DETROIT, MICHIGAN - FREQUENCY 319 KHZ. 200 BPS

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) WHEN LAKE ERIE IS AT ELEVATION
569.2 ABOVE MEAN WATER LEVEL AT RIMOUSKI, 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.

100' 50' 0 100' 200'
1" = 100'

US ARMY CORPS OF ENGINEERS DETROIT DISTRICT

NO.	DATE	REVISION	BY

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

DETROIT AREA OFFICE — AUGUST 30, 2004

DETROIT RIVER, MICHIGAN
EAST OUTER CHANNEL
C.S. 36+00 TO C.S. 71+00
AVERAGE DEPTH PLOT

DESIGNED BY:
DRAWN BY:
CHECKED BY:
REVIEWED BY:
SUBMITTED BY:
CHIEF,PROJ.OPNS.SECT
APPROVAL RECOMMENDED:
CHIEF, DTS BRANCH
APPROVED:
CHIEF, CONST - OPNS DIVISION
SCALE AS SHOWN
SHEET 2 OF 7
FILE NAME deeo0804c.dgn