NOTES

1. THE SOUNDINGS INDICATED HEREON REPRESENT THE MINIMUM DEPTH FOUND IN THE 10 FOOT BY 10 FOOT AREA CENTERED AROUND THE TEXT. MINIMUM DEPTH DATA IS PRODUCED FOR STRIKE/SHOAL REMOVAL OPERATIONS AND NOTICES TO NAVIGATION INTERESTS.

2. ELEVATIONS AND SOUNDING DEPTHS ARE REFERRED TO INTERNATIONAL GREAT LAKES DATUM 1955 (IGLD 55). LOW WATER DATUM ZERO IS 576.9 FEET ABOVE MEAN WATER LEVEL AT FATHER POINT QUEBEC. WATER LEVEL READINGS ARE FROM AN AUTOMATED GAUGE LOCATED AT U.S.A.C.E. LOWER DAM. DEPTHS ARE MEASURED USING A RESON SEABAT 8125 MULTIBEAM SONAR.

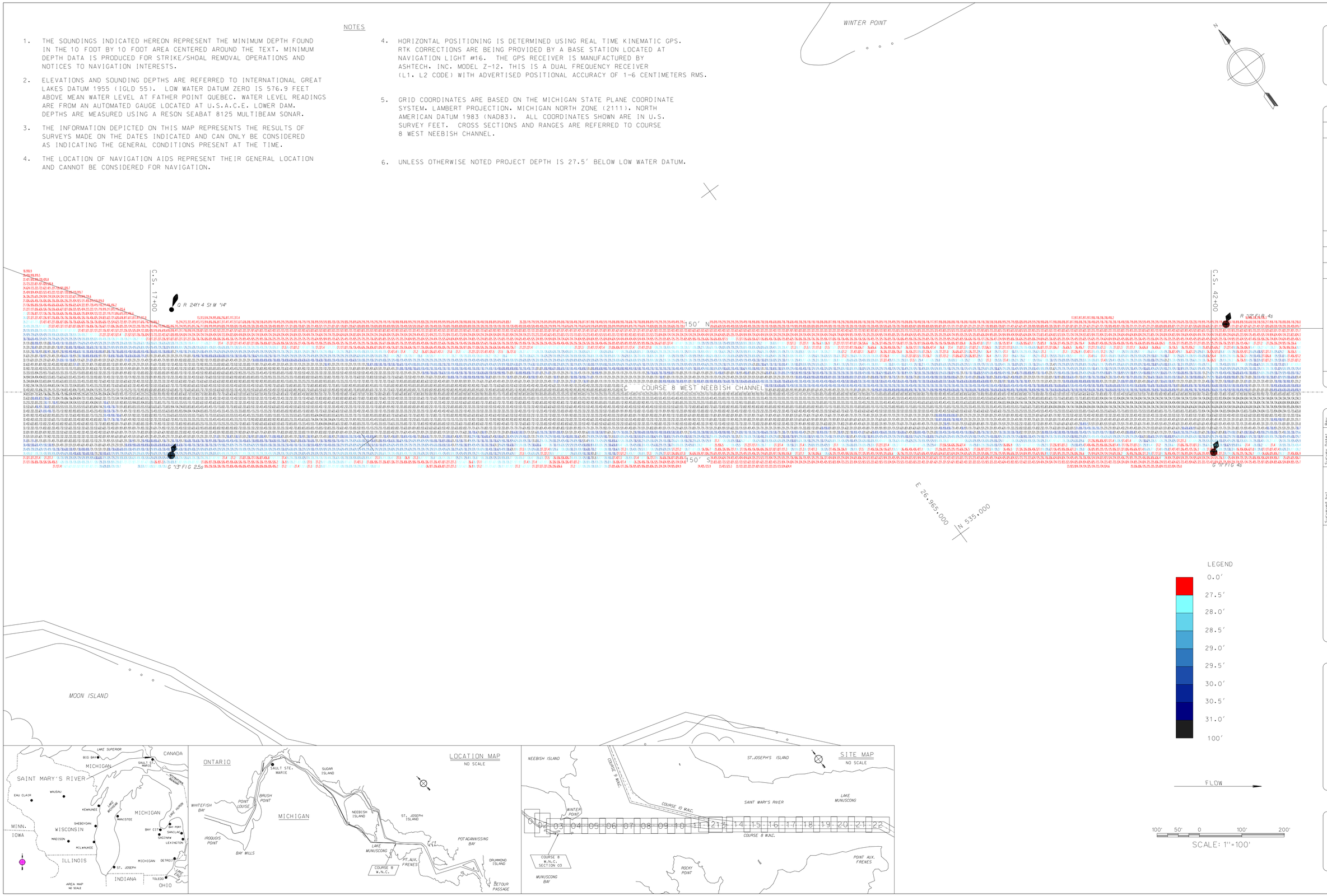
3. THE INFORMATION DEPICTED ON THIS MAP REPRESENTS THE RESULTS OF SURVEYS MADE ON THE DATES INDICATED AND CAN ONLY BE CONSIDERED AS INDICATING THE GENERAL CONDITIONS PRESENT AT THE TIME.

4. THE LOCATION OF NAVIGATION AIDS REPRESENT THEIR GENERAL LOCATION AND CANNOT BE CONSIDERED FOR NAVIGATION.

4. HORIZONTAL POSITIONING IS DETERMINED USING REAL TIME KINEMATIC GPS. RTK CORRECTIONS ARE BEING PROVIDED BY A BASE STATION LOCATED AT NAVIGATION LIGHT #16. THE GPS RECEIVER IS MANUFACTURED BY ASHTECH, INC. MODEL Z-12. THIS IS A DUAL FREQUENCY RECEIVER (L1, L2 CODE) WITH ADVERTISED POSITIONAL ACCURACY OF 1-6 CENTIMETERS RMS.

5. GRID COORDINATES ARE BASED ON THE MICHIGAN STATE PLANE COORDINATE SYSTEM, LAMBERT PROJECTION, MICHIGAN NORTH ZONE (2111), NORTH AMERICAN DATUM 1983 (NAD83). ALL COORDINATES SHOWN ARE IN U.S. SURVEY FEET. CROSS SECTIONS AND RANGES ARE REFERRED TO COURSE 8 WEST NEEBISH CHANNEL.

6. UNLESS OTHERWISE NOTED PROJECT DEPTH IS 27.5' BELOW LOW WATER DATUM.



US Army Corps of Engineers
Detroit District

Symbol	Description	Date	Appr.	Symbol	Description	Date	Appr.

Surveyed by: J. MROZEK
Dwn by: J.S.M.
Ckd by: K.E.S.
Reviewed by:
Chief, Fac. Mgmt.
Submitted by:
Chief, SMR Section
Approval Recommended:
Area Eng. Soo Office
Approved by:
District Engineer:

Survey Date: NOV. 30, 2004
Design file name: C8W103c04.dgn
Drawing code:
File name:
Plot date:
Plot scale: 1"=100'

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

SOO AREA OFFICE
SAINT MARY'S RIVER
FEDERAL NAVIGATION CHANNEL

COURSE 8 WEST NEEBISH CHANNEL
SURVEY SECTION 03
C.S. 17+00 to C.S. 42+00
CONDITION SURVEY

Sheet reference number:
C8W-03
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