NOTES

1. THIS SURVEY INFORMATION IS ACCURATE AS OF THE DATE OF PUBLICATION. HYDROGRAPHIC SURVEY DATA IS SUBJECT TO CHANGE RAPIDLY DUE TO SEVERAL FACTORS INCLUDING BUT NOT LIMITED TO DREDGING ACTIVITY AND NATURAL SHOALING AND SCOURING PROCESSES. THE U.S. ARMY CORPS OF ENGINEERS ACCEPTS NO RESPONSIBILITY FOR CHANGES IN THE HYDRO-GRAPHICAL CONDITIONS WHICH DEVELOP AFTER THE DATE OF PUBLICATION.

2. THIS INFORMATION IS INTENDED FOR THE INTERNAL USE OF THE U.S. ARMY CORPS OF ENGINEERS AND IS BEING PROVIDED FOR EXTERNAL USE AS A PUBLIC SERVICE. THIS AGENCY ACCEPTS NO RESPONSIBILITY FOR ERRORS OR OMISSIONS CONTAINED IN THIS DATA. THE ACCURACY OF THIS DATA IS THEREFORE NOT GUARANTEED, AND PRUDENT MARINERS SHOULD NOT RELY SOLELY UPON IT.

3. THE SOUNDINGS INDICATED HEREON REPRESENT THE MINIMUM DEPTH FOUND IN THE **30** FOOT BY **30** FOOT AREA CENTERED AROUND THE TEXT.

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

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. ELEVATIONS AND SOUNDING DEPTHS ARE REFERRED TO INTERNATIONAL GREAT LAKES DATUM 1985 (IGLD 85). LOW WATER DATUM ZERO IS 576.8 FEET ABOVE MEAN WATER LEVEL AT FATHER POINT QUEBEC. WATER LEVEL READINGS ARE FROM AN AUTOMATED GAUGE LOCATED AT THE U.S.A.C.E. LOWER DAM. DEPTHS ARE MEASURED USING 16.5 DEGREE, 214 Khz, TRANSDUCERS.

7. HORIZONTAL POSITIONING IS DETERMINED USING THE DIFFERENTIAL GLOBAL POSITIONING SYSTEM (DGPS). ADVERTISED POSITIONAL ACCURACY IS 1-3 METERS RMS.

8. UNLESS OTHERWISE NOTED PROJECT DEPTH IS 28.0' BELOW LOW WATER DATUM.

PROJECT DEPTH= 27.0'

C.S. 275+00

C.S. 300+00

500' N

500' S

℄ COURSE 8 WEST NEEBISH CHANNEL

℄ COURSE TO M.M.C.

LOCATION MAP
NO SCALE

SAINT MARY'S RIVER
MICHIGAN
CANADA
ONTARIO
WISCONSIN
MINN.
IOWA
ILLINOIS
INDIANA
OHIO
MACKINAC ISLAND
DRUMMOND ISLAND
COURSE 8 W.N.C.
COURSE 8 M.M.C.

SITE MAP
NO SCALE

ST. JOSEPH ISLAND
COURSE 8 W.N.C.
COURSE 8 M.M.C.
SAINT MARY'S RIVER
LAKE MUNISING
COURSE 8 W.N.C. SECTION 14
MUNISING BAY
PICNIC AREA PUBLIC

LEGEND

0.0 - 28.0	FEET
28.0 - 28.5	FEET
28.5 - 29.0	FEET
29.0 - 29.5	FEET
29.5 - 30.0	FEET
30.0 - 40.0	FEET
40.0 - 50.0	FEET
50.0 - 100.0	FEET

FLOW

100' 50' 0 100' 200'

SCALE: 1"=100'

US Army Corps of Engineers
Detroit District

Date	Description	By
08/15, 1995	Digitized from hand drawn original	TV
	Drawing added to CADD	TV
	Title block updated to reflect project name change	TV

Surveyed by: As needed
Chief, Hydraulics Section
Chief, Engineering Division
Approved by: Thomas Chapman
Date: 8/15/95
Drawn by: T. Vanderhoef
Checked by: Mike Tyler
Submitted by: Mike Tyler
Chief, Operations Section
Chief, Engineering Division

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

800 AREA OFFICE
FEDERAL BUILDING
FEDERAL NAVIGATION CHANNEL

COURSE 8 WEST NEEBISH CHANNEL
SECTION 14
C.S. 275+00 TO C.S. 300+00
MINIMUM DEPTH PLOT

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Sheet 61 of 82