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 POINT AUX FRENES TURN.

6. ELEVATIONS AND SOUNDING DEPTHS ARE REFERRED TO INTERNATIONAL GREAT LAKES DATUM 1955 (IGLD 55). LOW WATER DATUM ZERO IS 578.9 FEET ABOVE MEAN WATER LEVEL AT FATHER POINT QUEBEC. WATER LEVEL READINGS ARE FROM AN AUTOMATED GAUGE LOCATED AT THE LIME ISLAND COAL DOCK. 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.

E 27,005,000

N 504,000

C.S.- 25+00

C.S.- 50+00

600' E

600' W

POINT AUX. FRENES TURN

ROUND ISLAND COURSE

LOCATION MAP
NO SCALE

SAINT MARY'S RIVER
CANADA
ONTARIO
MICHIGAN
WISCONSIN
MINN.
IOWA
ILLINOIS
INDIANA
OHIO
LAKE SUPERIOR
SAULT STE. MARIE
MACKINAC ISLAND
MACKINAW CITY
ST. IGNACE
MANISTIQUE
ESCANABA
MARQUETTE
HOUGHTON
HANCOCK
TRAVERSE CITY
BAY CITY
SAGINAW
PORT HURON
DETROIT
LEXINGTON
MILWAUKEE
CHICAGO
GREEN BAY
MADISON
KENOSHA
MUSKEGON
GARY
ST. JOSEPH
MICHIGAN CITY
SOO LOCKS
MACKINAC BRIDGE
MACKINAW MAP
NO SCALE

ONTARIO
MICHIGAN
SAULT STE. MARIE
DRUMMOND ISLAND
DE TOUR PASSAGE
DE TOUR VILLAGE
DRUMMOND ISLAND
MARQUETTE
MANISTIQUE
BAY MILLS
MACKINAC ISLAND
ST. IGNACE
MACKINAW CITY
MACKINAC BRIDGE
BOIS BLANC ISLAND
BOIS BLANC
PT. AUX FRENES COURSE
ROUND ISLAND COURSE
POINT AUX FRENES TURN
POINT AUX FRENES

SITE MAP
NO SCALE

ST. JOSEPH ISLAND
SAINT MARYS RIVER
01
02
PT. AUX FRENES COURSE
ROUND ISLAND COURSE
COURSE E MAG.
PT. AUX FRENES COURSE SECTION 02

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'

USACE
US Army Corps
Engineers
Detroit District

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

SAINT MARY'S RIVER
SAULT STE. MARIE
FEDERAL NAVIGATION CHANNEL

POINT AUX. FRENES TURN
SURVEY SECTION 02-000
C.S.-25+00 TO C.S.-50+00
MINIMUM DEPTH PLOT

SHEET reference number:
PAFR02
Sheet 02 of 02