NOTES

1. THE SOUNDINGS INDICATED HEREON REPRESENT THE MINIMUM DEPTH FOUND IN THE 20 FOOT BY 20 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 577.6 FEET ABOVE MEAN WATER LEVEL AT FATHER POINT QUEBEC. WATER LEVEL READINGS ARE FROM AN AUTOMATED GAUGE LOCATED AT THE SUGAR ISLAND FERRY DOCK. 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 THE SUGAR ISLAND FERRY DOCK. 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 2 LITTLE RAPIDS CHANNEL.

6. UNLESS OTHERWISE NOTED PROJECT DEPTH IS 28.5' BELOW LOW WATER DATUM.

C.S. 0+00

C.S. 22+00

300' E

LITTLE RAPIDS CHANNEL

ANCHOR LINE

LOCATION MAP

SITE MAP

LEGEND

0.0'
28.5'
29.5'
30.5'
50.0'

FLOW

SCALE: 1"=100'

US Army Corps of Engineers
Detroit District

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

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DO AREA OFFICE
SAINT MARYS RIVER
FEDERAL NAVIGATION CHANNEL

COURSE 2 LITTLE RAPIDS CHANNEL
C.S.0+00 TO C.S.22+00
MINIMUM DEPTH PLOT

Sheet reference number:
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