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.

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3. THE SOUNDINGS INDICATED HEREON REPRESENT THE MINIMUM DEPTH FOUND IN THE 20 FOOT BY 20 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 LIME ISLAND CHANNEL.

6. ELEVATIONS AND SOUNDING DEPTHS ARE REFERRED TO INTERNATIONAL GREAT LAKES DATUM 1955 (IGLD 55). LOW WATER DATUM ZERO IS 576.4 FEET ABOVE MEAN WATER LEVEL AT FATHER POINT QUEBEC. WATER LEVEL READINGS ARE FROM AN AUTOMATED GAUGE LOCATED AT 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 29.0' BELOW LOW WATER DATUM.

C.S. 294+00

C.S. 319+00

1000' N

LOCATION MAP
NO SCALE

SAINT MARY'S RIVER
MICHIGAN
CANADA
ONTARIO
WISCONSIN
MINN.
IOWA
ILLINOIS
INDIANA
OHIO
LAKE SUPERIOR
LAKE HURON
LAKE MICHIGAN
LAKE ERIE
DETROIT
CHICAGO
MILWAUKEE
GREEN BAY
MARQUETTE
SAULT STE. MARIE
MACKINAC
TRAVERSE CITY
BAY CITY
SAGINAW
MIDLAND
LUDINGTON
MUSKEGON
GRAND RAPIDS
KALAMAZOO
BENTON HARBOR
MICHIGAN CITY
GARY
ST. JOSEPH
ANN ARBOR
TOLEDO
AREA MAP
NO SCALE

MICHIGAN
ONTARIO
WATERVIEW BAY
PRINCE POINT
RALPH POINT
HOUGHTON POINT
BAR ISLAND
HOUGHTON ISLAND
DERBY POINT
MUD LAKE
MUD LAKE POINT
LIME ISLAND CHANNEL
FORT MORRISON
MORRISON BAY
MORRISON POINT
DETROIT ISLAND
DETOUR PASSAGE
ST. JOSEPH ISLAND

SITE MAP
NO SCALE

LIME ISLAND
OLD FORT STORE POINT
LIME ISLAND CHANNEL
DETROIT ST.
LIME ISLAND CHANNEL
SAINT MARY'S RIVER
RAINY ISLAND CONTROL
DRUMMOND ISLAND RANGE
PIPE ISLAND CONTROL
MARQUETTE POINT
DRUMMOND ISLAND
PIPE ISLAND
01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19

LEGEND

0.0 - 29.0	FEET
29.0 - 29.5	FEET
29.5 - 30.0	FEET
30.0 - 30.5	FEET
30.5 - 31.0	FEET
31.0 - 41.0	FEET
41.0 - 51.0	FEET
51.0 - 100.0	FEET

FLOW

100' 50' 0 100' 200'

SCALE: 1"=100'

US Army Corps of Engineers
Detroit District

Date: 11 2008
Rev.
Surveyed by:
Drawn by:
Checked by:
Approved by:
Chief, Engineering Division
Chief, Operations Division
Chief, Construction Branch
Chief, Real Estate Division
Chief, Planning Division
Chief, Environmental Branch
Chief, Engineering Branch

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

SOO AREA OFFICE
FEDERAL BUILDING
SAINT MARYS FALLS CANAL
SAULT STE. MARIE, MICHIGAN

LIME ISLAND CHANNEL
DRUMMOND ISLAND
C.S. 294+00 TO C.S. 319+00
MINIMUM DEPTH PLOT

Sheet reference number:
LIC-17
Sheet 17 of 19