GENERAL NOTES

1. THE SOUNDINGS INDICATED HEREIN ARE GENERALIZED DEPTHS AND ARE NOT REPRESENTATIVE OF THE FULL DATASET. THE SOUNDINGS REPRESENT THE MINIMUM DEPTH FOUND WITHIN THE 10X10 FOOT AREA CENTERED ON THE TEXT, DERIVED FROM A 1X1 FOOT AVERAGE DATASET AT CELL CENTER. THIS MAP SHOULD NOT BE USED FOR CHANNEL CLEARANCE OR VOLUME COMPUTATIONS. MINIMUM DEPTH DATA IS PRODUCED FOR STRIKE/SHOAL REMOVAL OPERATIONS AND NOTICE TO NAVIGATION INTERESTS.

2. ELEVATIONS AND SOUNDING DEPTHS ARE REFERRED TO INTERNATIONAL GREAT LAKES DATUM 1985 (IGLD 85). LOW WATER DATUM (LWD) ZERO IS 578.7 FEET ABOVE MEAN WATER LEVEL AT PT. RIMOUSKI QUEBEC. WATER LEVEL READINGS ARE FROM AN AUTOMATED NOAA GAUGE LOCATED AT THE USACE BOATHOUSE (US SLIP). DEPTHS ARE MEASURED USING AN R2SONIC 2024 MULTIBEAM SONAR.

3. THE INFORMATION DEPICTED ON THIS MAP REPRESENTS THE RESULTS OF SURVEYS MADE ON JUNE 20, 2023 AND CAN ONLY BE CONSIDERED AS INDICATING THE GENERAL CONDITIONS PRESENT AT THE TIME.

4. HORIZONTAL POSITIONING IS DETERMINED USING REAL TIME KINEMATIC GLOBAL POSITIONING SYSTEM (RTK). CORRECTIONS ARE PROVIDED BY THE MICHIGAN CONTINUOUSLY OPERATING REFERENCE STATIONS (CORS). THE CLOSEST BASE STATION IS USED AS THE DETERMINING FACTOR IN CORRECTION SELECTION. THE GPS RECEIVER IS MANUFACTURED BY APPLANIX MARINE POS/MV VER 4.0.

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

6. UNLESS OTHERWISE NOTED PROJECT DEPTH IS 27.5 FEET BELOW LOW WATER DATUM. UNLESS OTHERWISE NOTED MAINTAINED DEPTH IS 28.5 FEET BELOW LOW WATER DATUM.

100' 0 100' 200'

SCALE: 1" = 100'

LEGEND

0.0'
28.5'
29.0'
29.5'
30.0'
30.5'
31.0'
31.5'
50.0'

N

5600E 6000E 6400E 6800E

600N 400N 200N 0 200S 400S 600S

SABIN LOCK
NOSE PIER
DAVIS LOCK
EAST CENTER PIER
POE LOCK
NOSE PIER
MACARTHUR LOCK
NORTHEAST PIER
N E PIERH LT
F R 2H1
E CENTER PIERH LT
F R 2H1
SOUTHEAST PIER
S E PIERH LT
F R 9H1

LAKE SUPERIOR
CANADA
BIG BAY
MICHIGAN
SAULT STE MARIE
SAINT MARY'S RIVER
HIAWATHA NATIONAL FOREST
EAU CLAIR
WAUSAU
KEWAUNEE
LAKE MICHIGAN
MICHIGAN
LAKE HURON
MANISTEE
SHEBOYGAN
BAY CITY
PORT SANILAC
SAGINAW
LEXINGTON
MINN.
IOWA
WISCONSIN
MADISON
MILWAUKEE
ILLINOIS
MICHIGAN
DETROIT
ST. JOSEPH
LAKE ERIE
INDIANA
TOLEDO
OHIO
AREA MAP
NO SCALE

SOO LOCKS CANAL
ONTARIO
SAULT STE MARIE
SUGAR ISLAND
WHITEFISH BAY
POINT LOUISE
BRUSH POINT
MICHIGAN
NEEBISH ISLAND
ST. JOSEPH ISLAND
IROQUOIS POINT
BAY MILLS
LAKE MUNUSCONG
POT AGANNISSING BAY
PT. AUX. FRENES
DRUMMOND ISLAND
DETOUR PASSAGE

LOCATION MAP
NO SCALE

ONTARIO
SOO LOCKS CANAL SECTION 03
NORTHWEST DUMP
NORTHEAST DUMP
VIDAL SHOALS CHANNEL
01
02
03
SOO LOCKS
ST. MARY'S RIVER
SAULT STE. MARIE
BAFFIELD CHANNEL
POWER CANAL
ASHMUN BAY
MICHIGAN

SITE MAP
NO SCALE

US Army Corps of Engineers®

MARK	DESCRIPTION	DATE	APPR
MARK	DESCRIPTION	DATE	APPR

DATE: 2023/06/20
SOLICITATION NO.:
CONTRACT NO.:
FILE NUMBER:
SURVEYED BY: N. Gatti
DWN BY: JSM
CKD BY:
SUBMITTED BY:
ISSUE DATE:
PLOT SCALE: 1"=50'
SIZE: ANSI D
FILE NAME: Slsc1103x231.dgn

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

SOO AREA OFFICE
ST MARYS RIVER SECTION
119 EAST WATER STREET
SAULT STE. MARIE, MI 49783

SAINT MARYS RIVER
SAULT SAINTE MARIE MICHIGAN
FEDERAL NAVIGATION CHANNEL

SOO LOCKS CANAL
JUNE 20, 2023
CONDITION SURVEY

SHEET IDENTIFICATION
SLC-03
SHEET 3 OF 3