NOTES

1. THE SOUNDINGS INDICATED HEREON REPRESENT THE MINIMUM DEPTH FOUND IN THE 10 FOOT BY 10 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 577.1 FEET ABOVE MEAN WATER LEVEL AT FATHER POINT QUEBEC. WATER LEVEL READINGS ARE FROM AN AUTOMATED GAUGE LOCATED AT THE USACE CELL DOCK. DEPTHS ARE MEASURED USING AN R2SONIC 2024 MULTIBEAM SONAR.

3. THE INFORMATION DEPICTED ON THIS MAP REPRESENTS THE RESULTS OF SURVEYS MADE ON JUNE 14, 2012 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 THE DIFFERENTIAL GLOBAL POSITIONING SYSTEM (DGPS). THE DIFFERENTIAL CORRECTIONS ARE PROVIDED BY U.S. COAST GUARD DIFFERENTIAL BROADCAST STATIONS LOCATED AT PICKFORD, AND CHEBOYGAN MI. SIGNAL STRENGTH IS USED AS THE DETERMINING FACTOR IN DIFFERENTIAL SELECTION. THE DGPS RECEIVER IS MANUFACTURED BY STARLINK, INC. MODEL DNAV 212, SERIAL NO. 292. THIS IS A SINGLE FREQUENCY RECEIVER (C/A, L1 CODE) WITH ADVERTISED POSITIONAL ACCURACY OF 1-3 METERS 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 6 MIDDLE NEEBISH CHANNEL.

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

N

E 26,959,000
N 578,000

C.S. 0+00

PROJECT DEPTH= 21.0'

E 26,961,000
N 577,000

C.S. 25+00

COURSE 6 MIDDLE NEEBISH CHANNEL

A N 150

G 159 FIG 45

US Army Corps of Engineers
Detroit District

Symbol	Date	Description	Appr.

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

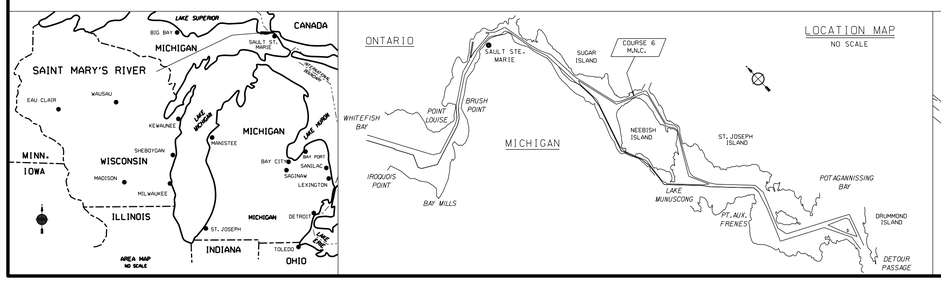
Surveyed by:	Rev.
J. Wrzesk	Survey Date: June 14, 2012
Dwn by:	Design File name:
Ckd by:	Drawing Code:
Approved by:	File name:
Chief, Eng. Design Branch	Plot date: 10-19-12
Chief, Ops. Section	Plot scale: 1"=100'
Chief, Surv. Section	
Submitted by:	
Recommended by:	
Approved by:	
District Engineer	

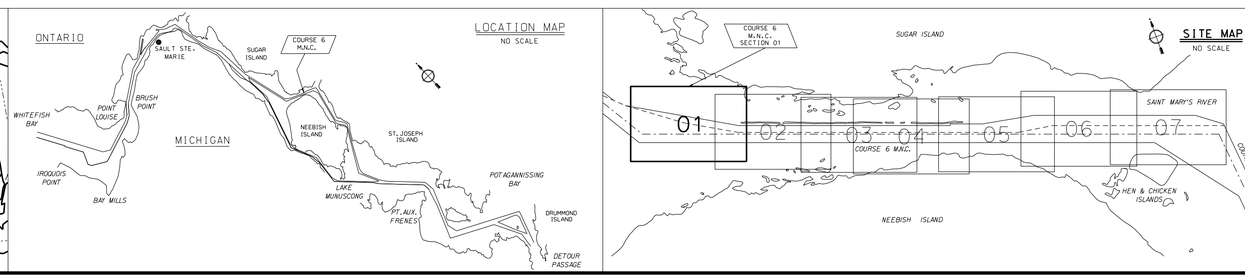
SOO AREA OFFICE
SAULT NAVIGATION CHANNEL
FEDERAL NAVIGATION CHANNEL

COURSE 6 MIDDLE NEEBISH CHANNEL
SURVEY SECTION 01
C.S. 0+00 TO C.S. 25+00
CONDITION SURVEY

Sheet reference number:
C6M-01
Sheet 01 of 07

LOCATION MAP
NO SCALE





SITE MAP
NO SCALE

LEGEND

	0.0'
	28.0'
	28.5'
	29.0'
	29.5'
	30.0'
	30.5'
	31.0'
	50.0'

FLOW

100' 50' 0 100' 200'

SCALE: 1"=100'