NEEBISH ISLAND

WINTER POINT

N

E 26,966,000

N 535,000

C.S. 42+00

C.S. 67+00

R "12" FIR 4s

G "4" FIG 4s

FIG 25s 42ft 5 SEC "5"

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 576.9 FEET ABOVE MEAN WATER LEVEL AT FATHER POINT QUEBEC. WATER LEVEL READINGS ARE FROM AN AUTOMATED GAUGE LOCATED AT THE USACE LOWER DAM. DEPTHS ARE MEASURED USING AN R2SONIC 2024 MULTIBEAM SONAR.
3. THE INFORMATION DEPICTED ON THIS MAP REPRESENTS THE RESULTS OF SURVEYS MADE ON DECEMBER 2, 2014 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.
5. 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.
6. 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 8 WEST NEEBISH CHANNEL.
7. UNLESS OTHERWISE NOTED PROJECT DEPTH IS 27.5' BELOW LOW WATER DATUM.
8. AERIAL PHOTOGRAPHY IS 30CM RESOLUTION AND WAS COLLECTED AUGUST 19, 2008.

LEGEND

0.0'
27.5'
28.0'
28.5'
29.0'
30.0'
30.5'
31.0'
100.0'

100' 50' 0 100' 200'

SCALE: 1"=100'

FLOW

US Army Corps of Engineers
Detroit District

Symbol	Description	Date Appr.

Symbol	Description	Date Appr.

Symbol	Description	Date Appr.

Survey date: Dec 2, 2014 — Rev.

Surveyed by: J. McCabe — Ckd by

Design file name: Course 8 west.dgn — Dwn by

Drawing code: — Ckd by

Reviewed by: — Submitted by

Chart(s) Affected: — Submitted by

Approved: Recommended — Date

Approved by: — Date

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

File name:
Plot date: 12-03-14
Plot scale: 1"=100'

SAULT STE. MARIE AREA OFFICE
ST. MARYS RIVER
FEDERAL NAVIGATION CHANNEL

COURSE 8 WEST NEEBISH CHANNEL
COURSE SURVEY SECTION 04
C.S. 42+00 TO C.S. 67+00
AFTER DREDGE SURVEY

Sheet reference number:
C8W-04
Sheet 04 of 22

AREA MAP
NO SCALE

LOCATION MAP
NO SCALE

SITE MAP
NO SCALE

E 26,967,000
N 533,000