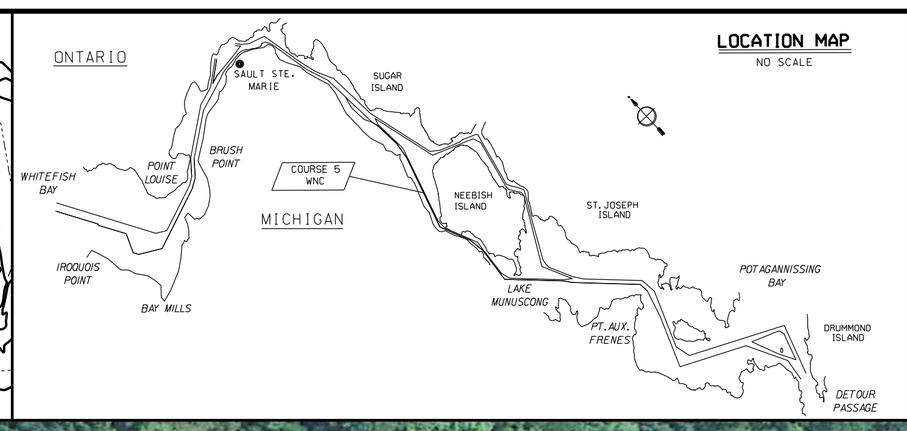

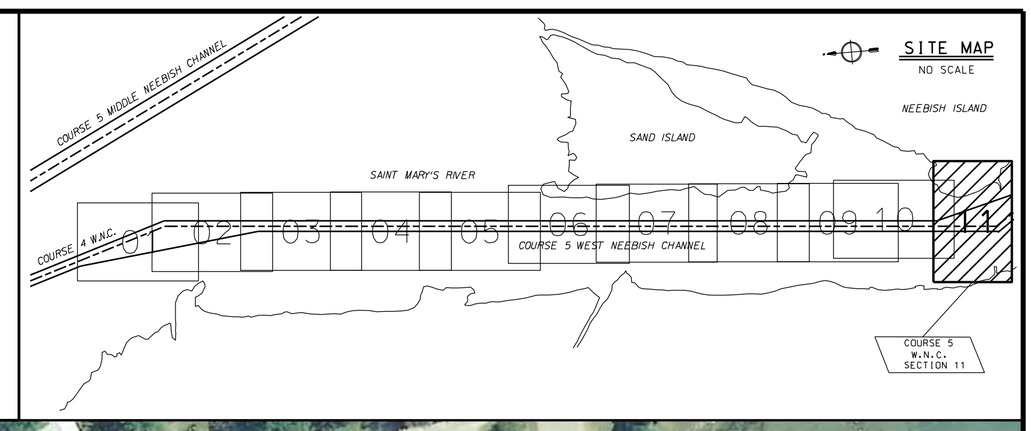

GENERAL NOTES

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.

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3. THE INFORMATION DEPICTED ON THIS MAP REPRESENTS THE RESULTS OF SURVEYS MADE ON APRIL 24, 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. 5.0.

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.

6. UNLESS OTHERWISE NOTED PROJECT 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'

SHEET IDENTIFICATION
C5W-11
SHEET 11 OF 11

SAINT MARYS RIVER
SAULT SAINTE MARIE MICHIGAN
FEDERAL NAVIGATION CHANNEL

COURSE 5 WEST NEEBISH CHANNEL
APRIL 24, 2023
CONDITION SURVEY

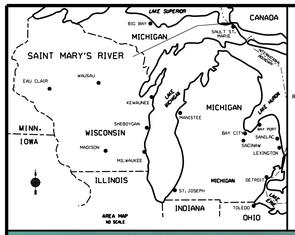
U.S. ARMY CORPS OF ENGINEERS
DETROIT DISTRICT
DETROIT, MICHIGAN

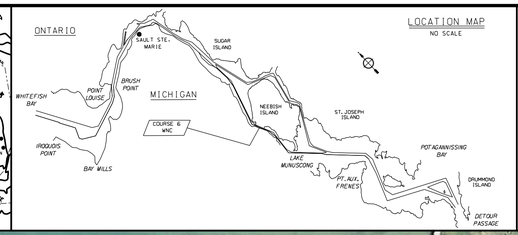
SOO AREA OFFICE
ST MARYS RIVER SECTION
119 EAST WATER STREET
SAULT STE. MARIE, MI 49783

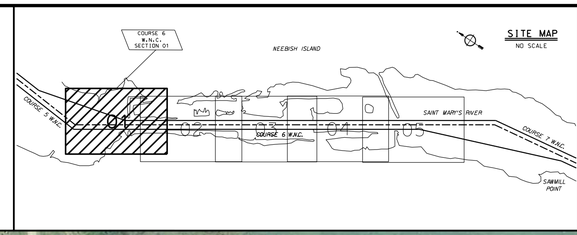
SURVEYED BY: N. Guild		DATE: 2023/05/02
DWN BY: NPG	CKD BY:	SOLICITATION NO.:
SUBMITTED BY:		CONTRACT NO.:
PLOT SCALE: 1" = 100'	ISSUE DATE:	FILE NUMBER:
SIZE: ANSI D	FILE NAME: C5wv111c231.dgn	

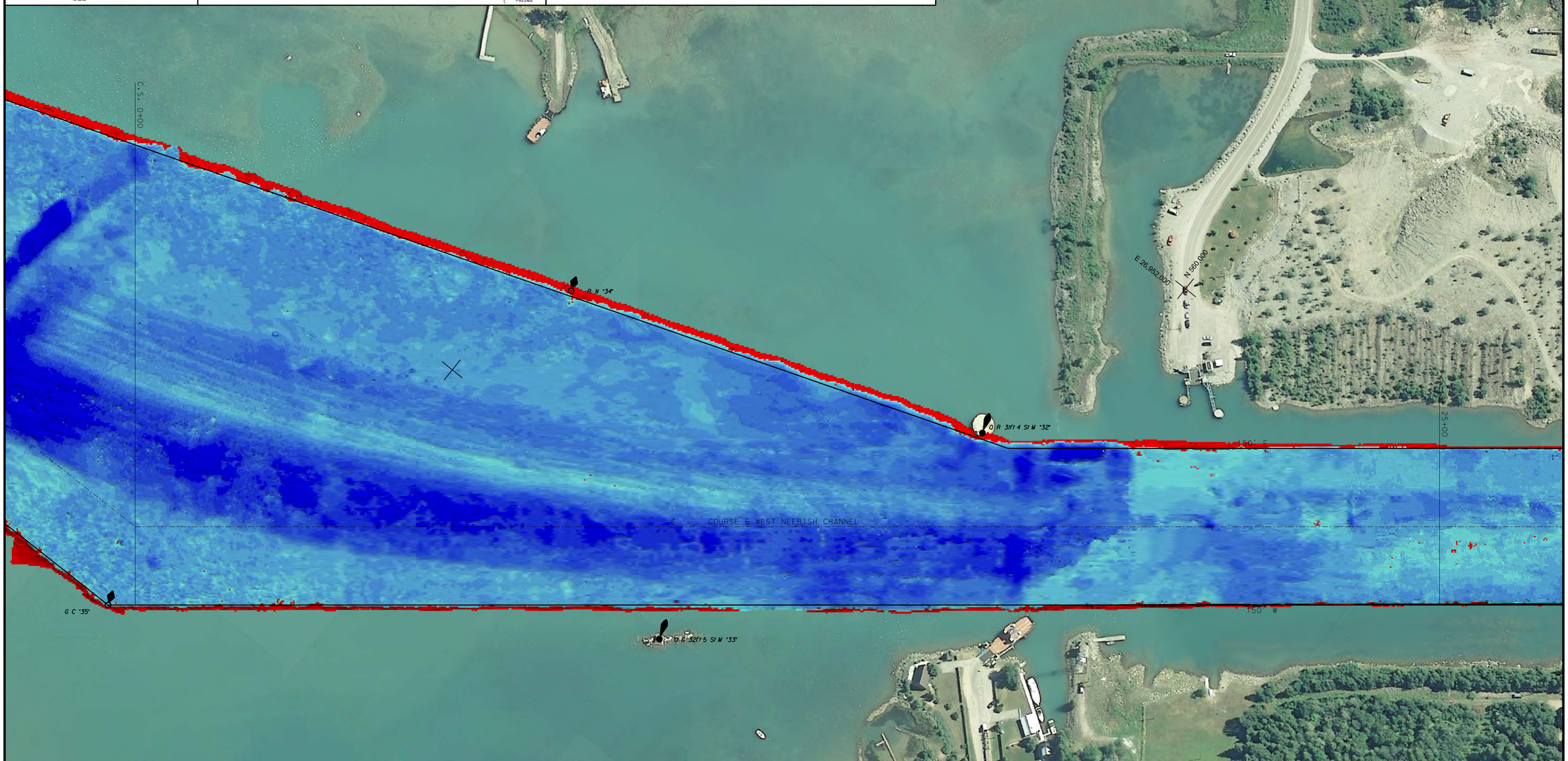
MARK	DESCRIPTION	DATE	APPR.	MARK	DESCRIPTION	DATE	APPR.

US Army Corps of Engineers®









LEGEND

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

GENERAL NOTES

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

100' 0 100' 200'

SCALE: 1" = 100'

US Army Corps of Engineers®

MARK	DESCRIPTION	DATE	APPR.	MARK	DESCRIPTION	DATE	APPR.

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

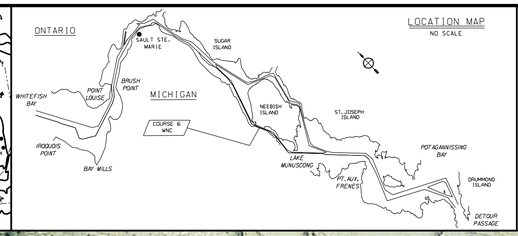
SURVEYED BY: N. Guild
DWN BY: NPG
CKD BY:
SUBMITTED BY:
DATE: 2023/05/02
SOLICITATION NO.:
CONTRACT NO.:
PLOT SCALE: 1" = 100'
ISSUE DATE:
FILE NUMBER:
SIZE: ANSI D
FILE NAME: C6w-101v231.dgn

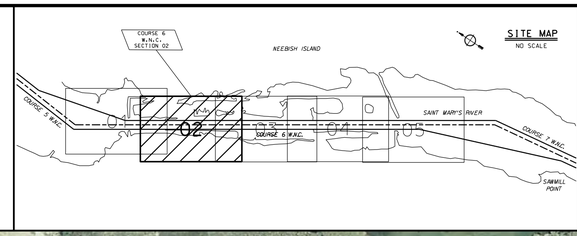
SOO AREA OFFICE
ST MARYS RIVER SECTION
119 EAST WATER STREET
SAULT STE. MARIE, MI 49783

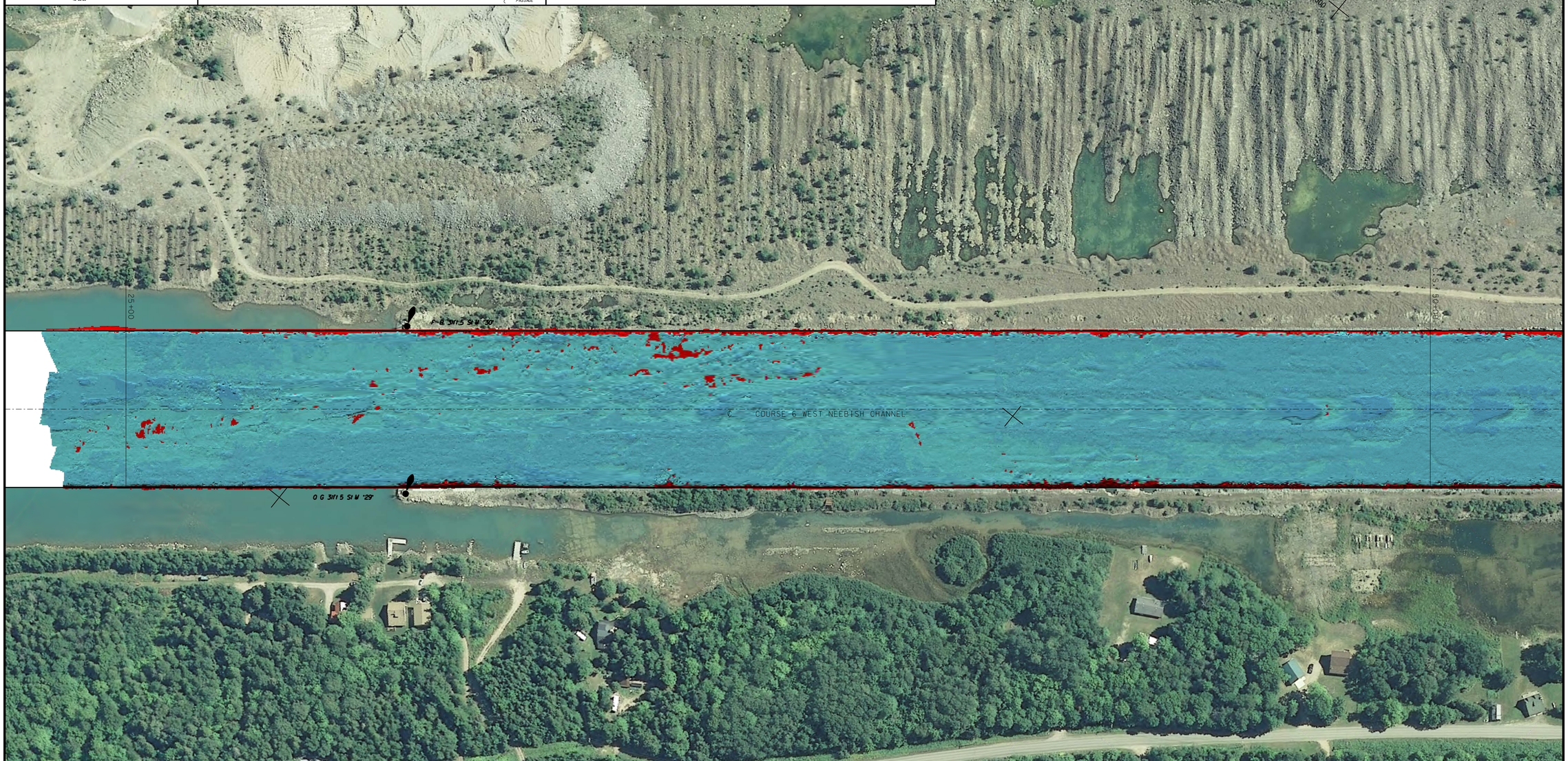
SAINT MARYS RIVER
SAULT SAINTE MARIE MICHIGAN
FEDERAL NAVIGATION CHANNEL

COURSE 6 WEST NEEBISH CHANNEL
APRIL 24, 2023
CONDITION SURVEY

SHEET IDENTIFICATION
C6W-01
SHEET 1 OF 5







LEGEND

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

GENERAL NOTES

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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. SIGNAL STRENGTH IS USED AS THE DETERMINING FACTOR IN DIFFERENTIAL SELECTION. THE DGPS RECEIVER IS MANUFACTURED BY APPLANIX MARINE POS/MV VER. 4.0.
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6. UNLESS OTHERWISE NOTED PROJECT DEPTH IS 28.5 FEET BELOW LOW WATER DATUM

100' 0 100' 200'

SCALE: 1" = 100'

US Army Corps of Engineers®

MARK	DESCRIPTION	DATE	APPR.	MARK	DESCRIPTION	DATE	APPR.

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

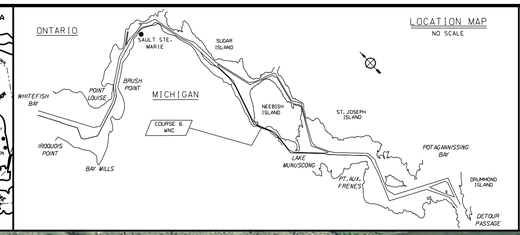
SURVEYED BY: N. Guidi
DWN BY: NPG
CKD BY:
SUBMITTED BY:
PLOT SCALE: 1" = 100'
SIZE: ANSI D
FILE NAME: C6w102233.dgn
DATE: 2023/10/31
SOLICITATION NO.:
CONTRACT NO.:
FILE NUMBER:
ISSUE DATE:

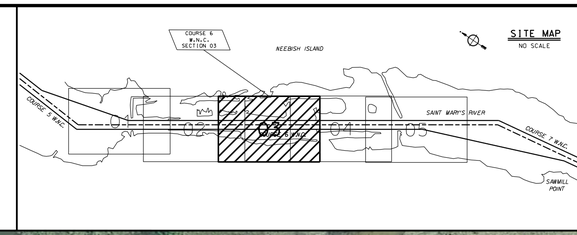
SOO AREA OFFICE
ST MARYS RIVER SECTION
119 EAST WATER STREET
SAULT STE. MARIE, MI 49783

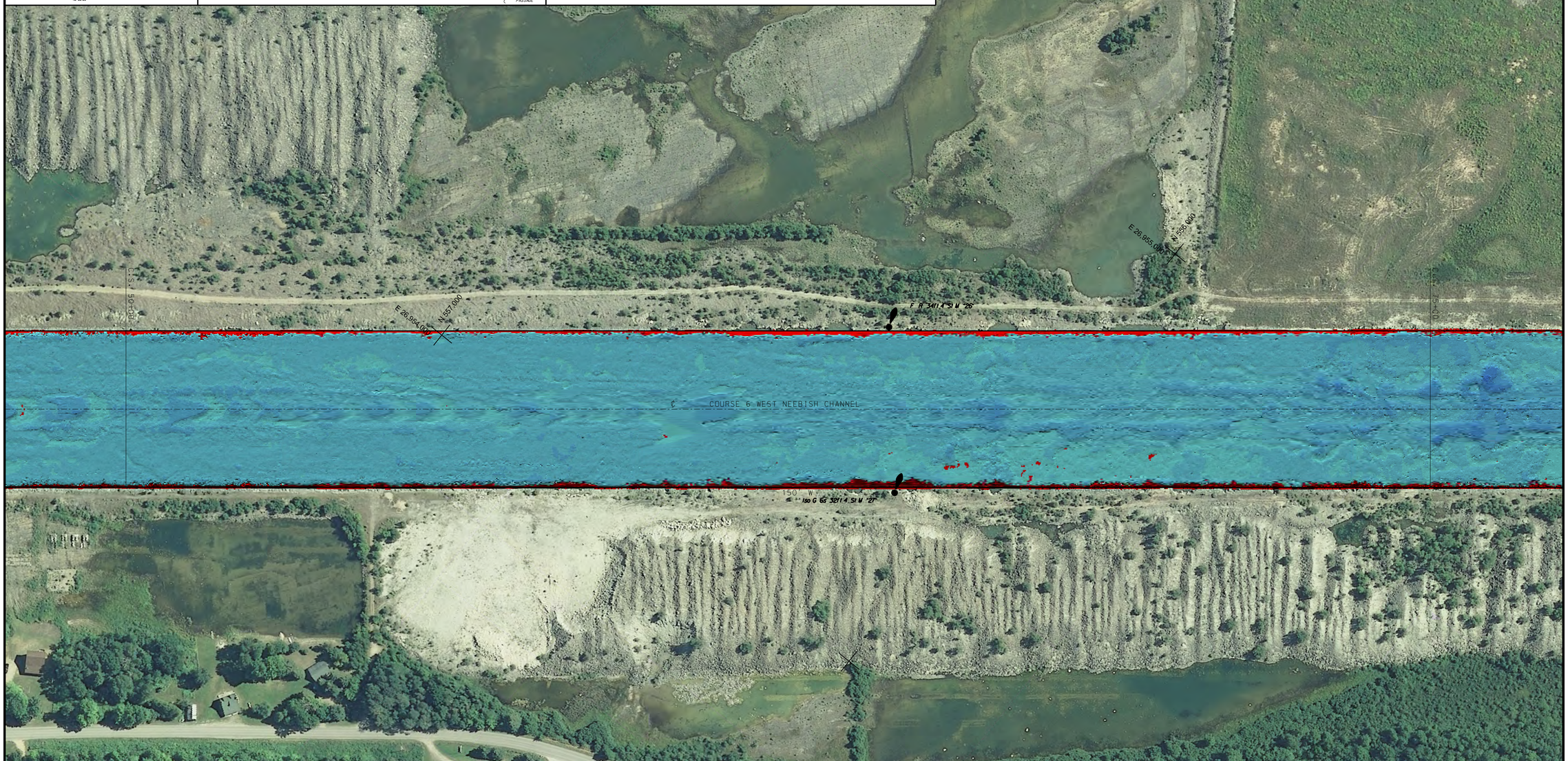
SAINT MARYS RIVER
SAULT SAINTE MARIE MICHIGAN
FEDERAL NAVIGATION CHANNEL

COURSE 6 WEST NEEBISH CHANNEL
OCTOBER 31, 2023
CONDITION SURVEY

SHEET IDENTIFICATION
C6W-02
SHEET 2 OF 5







LEGEND

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

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

100' 0 100' 200'

SCALE: 1" = 100'

US Army Corps of Engineers®

MARK	DESCRIPTION	DATE	APPR.	MARK	DESCRIPTION	DATE	APPR.

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

SURVEYED BY: N. Guild
DWN BY: NPG
CKD BY:
SUBMITTED BY:
PLOT SCALE: 1" = 100'
ISSUE DATE:
SIZE: ANSI D
FILE NAME: C6wv103c233.dgn

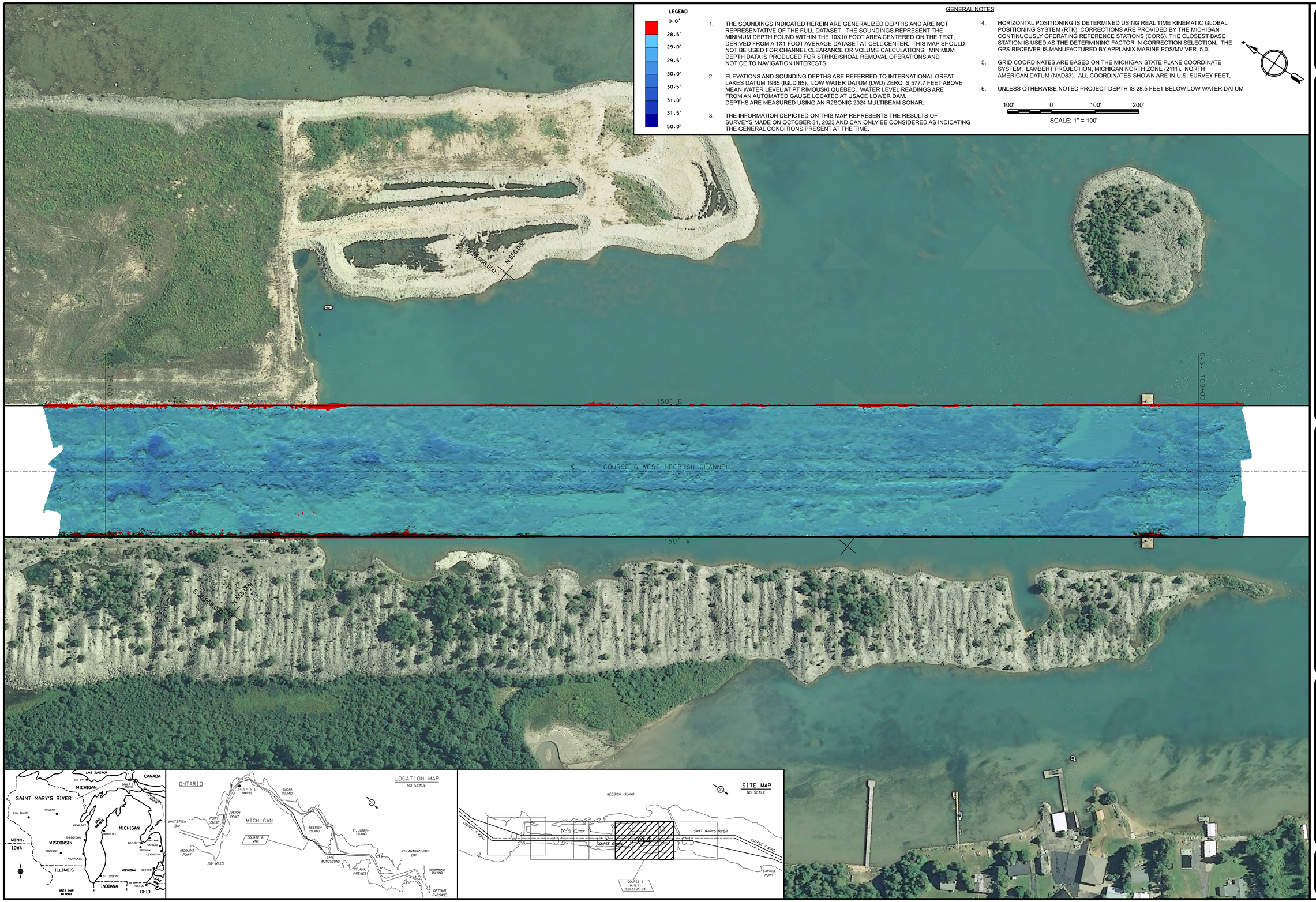
DATE: 2023/10/31
SOLICITATION NO.:
CONTRACT NO.:
FILE NUMBER:

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

COURSE 6 WEST NEEBISH CHANNEL
OCTOBER 31, 2023
CONDITION SURVEY

SHEET IDENTIFICATION
C6W-03
SHEET 3 OF 5



LEGEND

	0.0'
	28.5'
	29.0'
	29.5'
	30.0'
	30.5'
	31.0'
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6. UNLESS OTHERWISE NOTED PROJECT DEPTH IS 28.5 FEET BELOW LOW WATER DATUM

100' 0 100' 200'

SCALE: 1" = 100'

US Army Corps of Engineers®

MARK	DESCRIPTION	DATE	APPR.	MARK	DESCRIPTION	DATE	APPR.

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

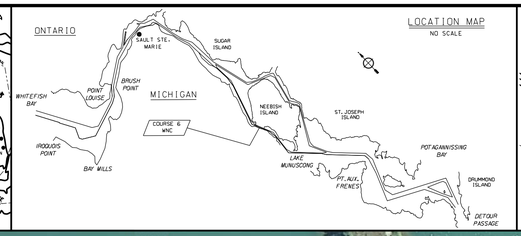
SOO AREA OFFICE
ST MARYS RIVER SECTION
119 EAST WATER STREET
SAULT STE. MARIE, MI 49783

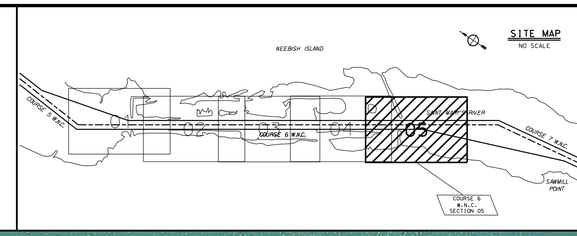
SURVEYED BY: N. Guild
DWN BY: NPG
CKD BY:
SUBMITTED BY:
PLOT SCALE: 1" = 100'
SIZE: ANSI D
DATE: 2023/10/31
SOLICITATION NO.:
CONTRACT NO.:
FILE NUMBER:
ISSUE DATE:
FILE NAME: C6wv1904233.dgn

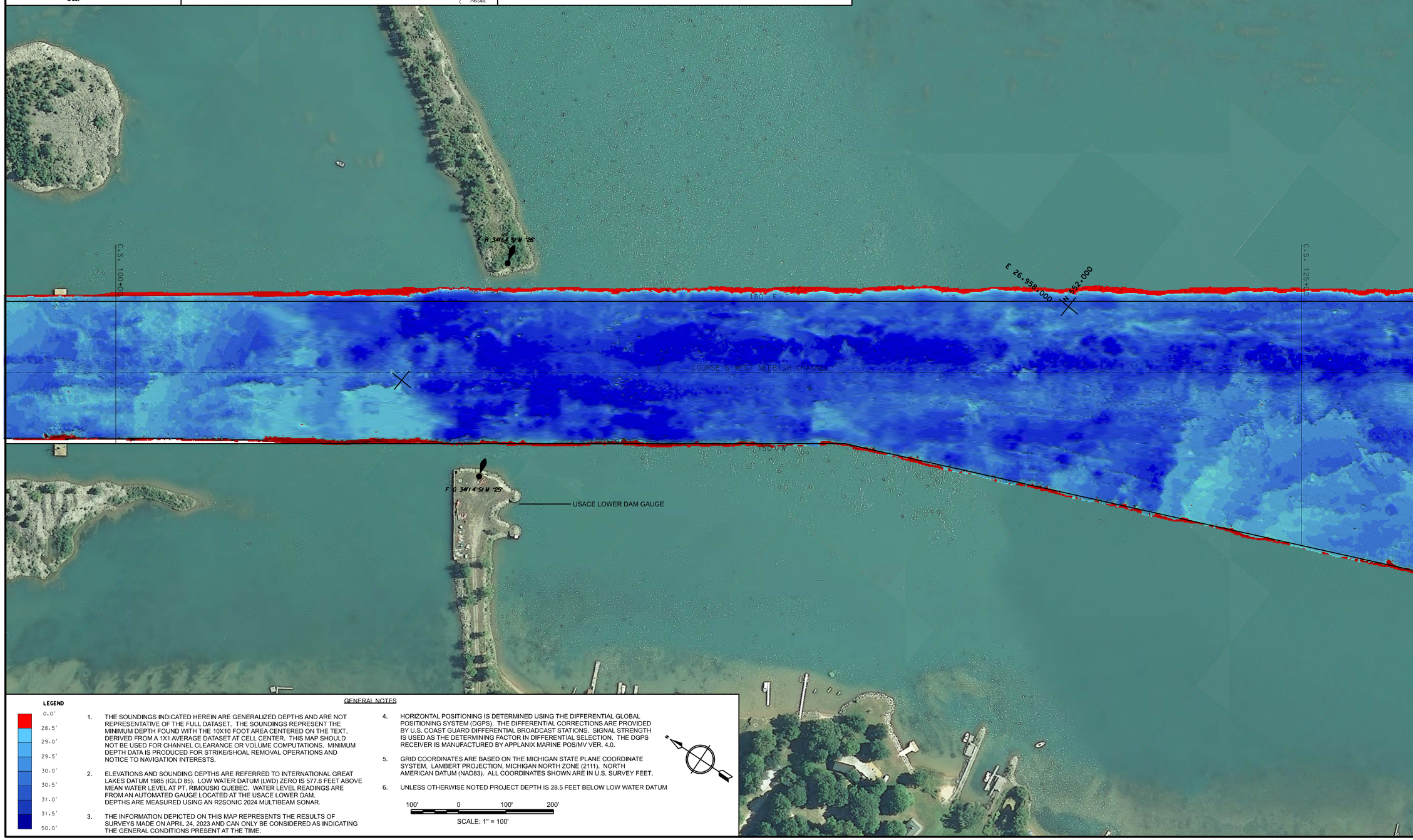
SAINT MARYS RIVER
SAULT SAINTE MARIE MICHIGAN
FEDERAL NAVIGATION CHANNEL

COURSE 6 WEST NEEBISH CHANNEL
OCTOBER 31, 2023
CONDITION SURVEY

SHEET IDENTIFICATION
C6W-04
SHEET 4 OF 5







LEGEND

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100' 0 100' 200'

SCALE: 1" = 100'

US Army Corps of Engineers®

MARK	DESCRIPTION	DATE	APPR.	MARK	DESCRIPTION	DATE	APPR.

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

SURVEYED BY: N. Guild
DWN BY: NPG
CKD BY:
SUBMITTED BY:
PLOT SCALE: 1" = 100'
SIZE: ANSI D
DATE: 2023/05/02
SOLICITATION NO.:
CONTRACT NO.:
FILE NUMBER:
ISSUE DATE:
FILE NAME: C5wv105c231.dgn

SAINT MARYS RIVER
SAULT SAINTE MARIE MICHIGAN
FEDERAL NAVIGATION CHANNEL

COURSE 6 WEST NEEBISH CHANNEL
APRIL 24, 2023
CONDITION SURVEY

SHEET IDENTIFICATION
C6W-05

SHEET 5 OF 5