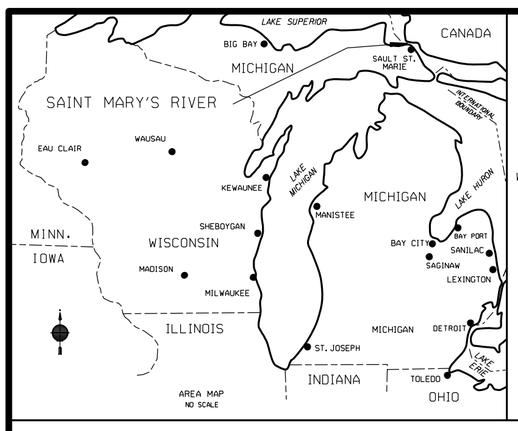
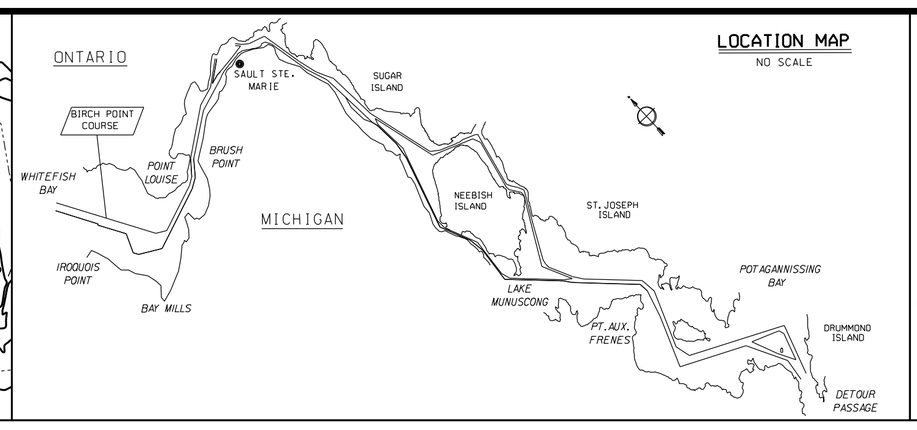
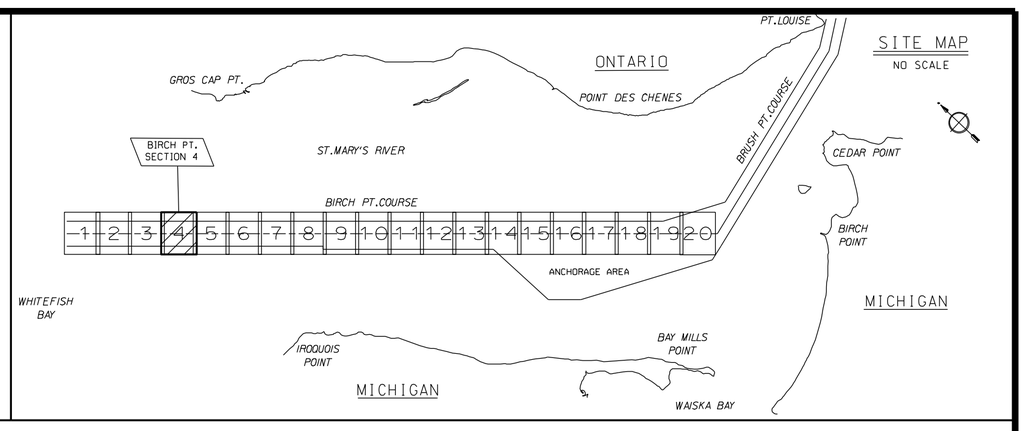



AREA MAP
NO SCALE




## LOCATION MAP
NO SCALE




## SITE MAP
NO SCALE

C.S. 69+00

C.S. 80+00

E: 26,844,500

N 640,500

E: 26,843,500

N 640,500

1000' E

1000' W

© BIRCH POINT COURSE

### GENERAL 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 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 601.1 FEET ABOVE MEAN WATER LEVEL AT POINT RIMOUSKI QUEBEC. WATER LEVEL READINGS ARE FROM AN AUTOMATED NOAA GAUGE LOCATED AT POINT IROQUOIS (9004). DEPTHS ARE MEASURED USING AN R2SONIC 2024 MULTIBEAM SONAR.
3. THE INFORMATION DEPICTED ON THIS MAP REPRESENTS THE RESULTS OF SURVEYS MADE ON JULY 26, 2016 AND CAN ONLY BE CONSIDERED AS INDICATING THE GENERAL CONDITIONS PRESENT AT THE TIME.
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.
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 30.0 FEET BELOW LOW WATER DATUM

100' 0 100' 200'

SCALE: 1" = 100'

### LEGEND

0.0'
30.0'
35.0'
40.0'
45.0'
50.0'
55.0'
60.0'
80.0'

SHEET IDENTIFICATION
**BIP-04**
SHEET 04 OF 20

SAINT MARYS RIVER
SAULT SAINTE MARIE MICHIGAN
FEDERAL NAVIGATION CHANNEL

JULY 26, 2016
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: J. Mrozek | | DATE: 2016/07/26 |
| DWN BY: JSM | CKD BY: | SOLICITATION NO.: |
| SUBMITTED BY: | | CONTRACT NO.: |
| PLOT SCALE: 1" = 100' | ISSUE DATE: | FILE NUMBER: |
| SIZE: ANSI D | FILE NAME: Blpv104c161.dgn | |

| MARK | DESCRIPTION | DATE | APPR. | MARK | DESCRIPTION | DATE | APPR. |
|---|---|---|---|---|---|---|---|
| | | | | | | | |

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