COORDINATE TABLE				
POINT	STATION	EASTING	NORTHING	DEPTH
CHANNEL CENTERLINE				
2	2+17.5	27,034,434.52	458,233.01	8
3	7+87.4	27,034,452.89	457,663.43	10
4	10+69.7	27,034,461.99	457,381.23	10
5	14+50.7	27,034,842.97	457,385.15	10
FEDERAL CHANNEL				
6		27,034,758.40	457,278.13	10
7		27,034,455.00	457,275.00	10
8		27,034,343.00	457,380.00	10
9		27,034,343.00	457,662.00	10
10		27,034,600.13	457,665.34	10
11		27,034,600.96	457,639.53	10
12		27,034,483.42	457,496.90	10
13		27,034,486.14	457,468.74	10
14		27,034,521.64	457,439.48	10
15		27,034,549.79	457,442.20	10
16		27,034,615.95	457,522.48	10

N

50 0 50 100

SCALE: 1" = 50

LEGEND

10' PROJECT DEPTH

- 0.0'
- 10.0'
- 10.5'
- 11.0'
- 11.5'
- 12.0'
- 12.5'
- 13.0'
- 13.0'+

NOTES:

1. THE INFORMATION DEPICTED ON THIS MAP REPRESENTS THE RESULTS OFSURVEYS ON JULY 19, 2016 AND CAN ONLY BE CONSIDERED AS INDICATING THE GENERAL CONDITIONS PRESENT AT THE TIME.
2. ELEVATIONS AND SOUNDING DEPTHS ARE REFERRED TO INTERNATIONAL GREAT LAKES DATUM 1985 (IGLD 85). LOW WATER DATUM ZERO IS 577.5 FEET ABOVE MEAN WATER LEVEL AT POINT RIMOUSKI QUEBEC. WATER LEVEL READINGS ARE FROM AN AUTOMATED NOAA GAUGE LOCATED AT DETOUR HARBOR (5099). DEPTHS ARE MEASURED USING AN ODOM ECHOTRAC CV300 SINGLEBEAM SOUNDER.
3. HORIZONTAL POSITIONING IS DETERMINED USING A TRIMBLE SPS351 SUB-METER DGPS RECEIVER.
4. 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.
5. THE LOCATION OF NAVIGATION AIDS REPRESENT THEIR GENERAL LOCATION AND CANNOT BE CONSIDERED FOR NAVIGATION.
6. UNLESS OTHERWISE NOTED PROJECT DEPTH IS 10.0' BELOW LOW WATER DATUM.

US Army Corps of Engineers®

MARK	DESCRIPTION	DATE	APPR.	MARK	DESCRIPTION	DATE	APPR.

SURVEYED BY: O C McCready
DWN BY: CCM
CKD BY: KMB
SUBMITTED BY: Kurt M Bunker
PLOT SCALE: 1" = 50'
PLOT DATE: 2016/08/27
SIZE: ANSI D
FILE NAME: DTH-1011c161.dgn
DATE: 2016/07/19
SOLICITATION NO.:
CONTRACT NO.:
FILE NUMBER:

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

DETOUR HARBOR
ST MARYS RIVER, LAKE HURON
CHIPPEWA COUNTY, MICHIGAN

2016 CONDITION SURVEY

SHEET IDENTIFICATION
DTH-01
SHEET 1 OF 1