ALL SOUNDINGS ARE REFERENCED TO I.G.L.D. 1985 FOR LAKE MICHIGAN, ELEVATION 577.5 FT. ABOVE MEAN SEA LEVEL AT RIMOUSKI, QUEBEC.
HYDRAULIC CORRECTOR OF 0.3 APPLIED

GRID SYSTEM BASED ON LAMBERT PROJECTION, MICHIGAN STATE PLANE COORDINATE SYSTEM, SOUTH ZONE (2113) 1983 NORTH AMERICAN DATUM, U.S. FOOT.

THE INFORMATION DEPICTED ON THIS MAP REPRESENTS THE RESULTS OF SURVEYS MADE ON THE DATES INDICATED AND CAN ONLY BE CONSIDERED AS INDICATING THE GENERAL CONDITIONS EXISTING AT THAT TIME.

VERTICAL WATER LEVEL READINGS WERE TAKEN FROM A FIXED GAUGE MARK ALONG THE SHEET STEEL WALL NEAR CROSS SECTION 9+00E IN SOUTH HAVEN HARBOR, MI.

SURVEYED ON: 16 MAY 2017
POSITIONING METHOD: APPLANIX POS M/V W/DGPS CORRECTIONS
MOTION COMPENSATION: APPLANIX OCEAN MASTER POS M/V
EQUIPMENT: ODOM CV 300 SINGLE BEAM SOUNDER
SOFTWARE: HYPACK
VESSEL: LAUNCH 3058

14' Legend

0.0'	
14.0'	
15.0'	
16.0'	
17.0'	
18.0'	
18.0'	+

12' Legend

0.0'	
12.0'	
13.0'	
14.0'	
15.0'	
16.0'	
16.0'	+

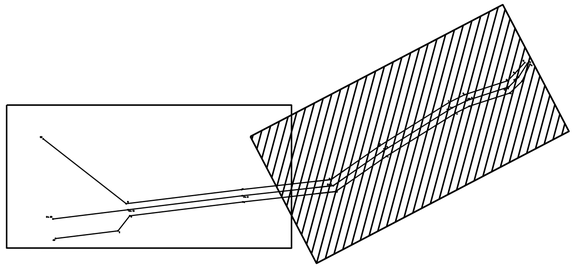
CHANNEL LINE T.P.

CHTP	EAST X	NORTH Y
G	12,606,568.26	334,698.75
I	12,607,102.17	335,069.66
J	12,607,825.26	335,521.08
K	12,607,971.20	335,594.01
L	12,608,395.61	335,731.65
M	12,608,524.00	335,856.61
N	12,608,608.29	336,033.69
O	12,608,552.63	336,051.65
P	12,608,450.52	335,939.98
Q	12,608,374.93	335,861.61
S	12,607,921.82	335,714.66
T	12,607,761.65	335,634.62
U	12,607,030.62	335,178.25
W	12,606,521.14	334,824.31

CENTER LINE T.P.

CL TP	EAST X	NORTH Y
1	12,606,544.70	334,761.53
2	12,607,066.57	335,124.07
3	12,607,793.45	335,577.85
4	12,607,946.50	335,654.33
5	12,608,385.27	335,796.63
6	12,608,487.26	335,898.29
7	12,608,580.46	336,042.67

0 100' 200'



US Army Corps of Engineers®

MARK	DESCRIPTION	DATE

SURVEYED BY: E.D.S.	ISSUE DATE: 16-MAY-2017
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U.S. ARMY CORPS OF ENGINEERS
DETROIT DISTRICT
477 MICHIGAN AVE
DETROIT, MI 48226

LAKE MICHIGAN AREA OFFICE
307 SOUTH HARBOR DR
GRAND HAVEN, MI 49417

SOUTH HAVEN HARBOR
MICHIGAN

CONDITION OF CHANNEL
MAY 2017

SHEET ID

VH102