

ISSUE DATE:	21-JULY-2017
SOLICITATION NO.:	
CONTRACT NO.:	
DRAWING NUMBER:	
FILE NAME:	new_buffalo_2017.dgn
ANSID:	
MARK:	DESCRIPTION
DATE:	

SURVEYED BY:	U.S. ARMY CORPS OF ENGINEERS
DRAWN BY:	DETROIT DISTRICT
REVIEWED BY:	477 MICHIGAN AVE
APPROVED BY:	DETROIT, MI 48228
FILE NAME:	LAKE MICHIGAN AREA OFFICE
ANSID:	307 SOUTH HARBOR DR
	GRAND HAVEN, MI 49417

NEW BUFFALO HARBOR
MICHIGAN
CONDITION OF CHANNEL
JULY 2017

SHEET ID
VH101

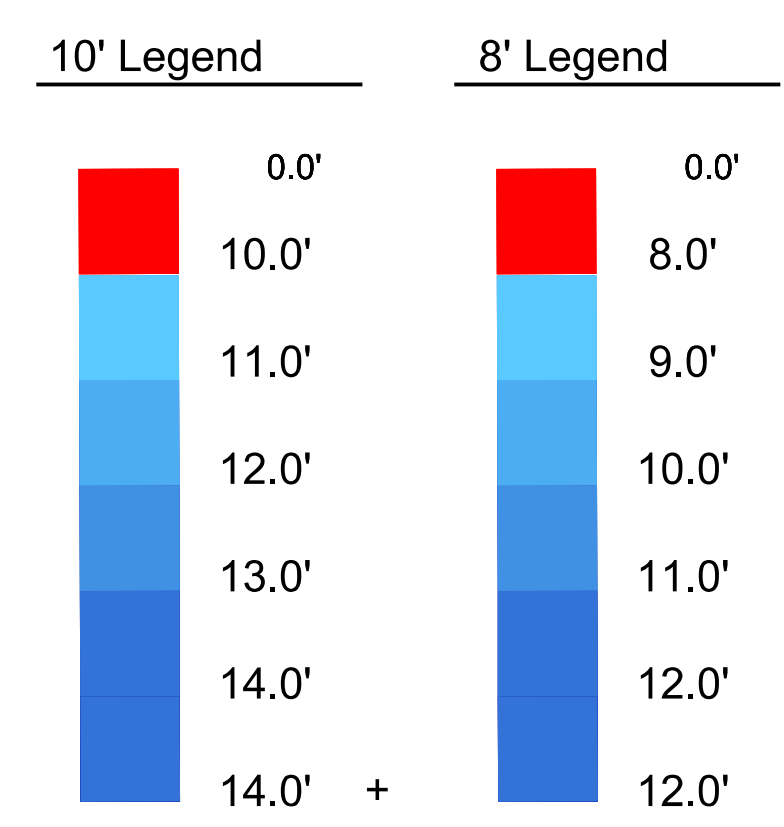
ALL SOUNDINGS ARE REFERENCED TO I.G.L.D. 1985 FOR LAKE MICHIGAN, ELEVATION 577.5 FT. ABOVE MEAN SEA LEVEL AT RIMOUSKI, QUEBEC.
HYDRAULIC CORRECTOR OF 0.3 APPLIED

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 -4+50W IN NEW BUFFALO HARBOR, MI.

SURVEYED ON: 21 JULY 2017
POSITIONING METHOD: DGPS USING C. G. BEACON CORRECTION
EQUIPMENT: GPS, TRIMBLE SPS 351 SOUNDER: INNSPACE 448
VESSEL: SKIFF



CHANNEL LINE CONTROL POINTS

STATION	NORTH (Y)	EAST (X)
11	117709.43	12474306.29
12	118253.03	12474013.98
13	118859.44	12473794.07
14	119340.36	12473361.61
15	119347.09	12473156.68
16	119267.13	12473154.06
17	119088.50	12473426.69
18	118817.53	12473724.17
19	118220.28	12473940.76
20	117671.55	12474235.83
21	117690.49	12474271.06
22	118236.65	12473977.37
23	118838.49	12473759.12
24	119300.94	12473343.27
25	119307.11	12473155.37
26	119377.62	12472226.99
27	119297.66	12472224.37
28	119337.64	12472225.68

