



 DEPTHS 0.1' OR MORE ABOVE PROJECT DEPTH
 DEPTHS AT OR BELOW PROJECT DEPTH
 PROJECT DEPTH

17+00	CHANNEL STATIONING
◊ 417	CHANNEL CORNER
⊙ H.L.F.	HARBOR LINE CORNER
— ⊙ —	FEDERAL CHANNEL
— — —	HARBOR LINE
— — — —	SUBMARINE CABLE
	CAN BUOY
	NUN BUOY
	LIGHTED BUOY
	FIXED LIGHT
	LIGHT HOUSE
W	LIGHT COLOR WHITE
R	LIGHT COLOR RED
G	LIGHT COLOR GREEN
FL	FLASHING LIGHT
F	FIXED LIGHT
Oc	OCCLUDING LIGHT
iso	EQUAL INTERVAL
AL	ALTERNATING
Q	QUICK (FLASHING)
S	LIGHT CYCLE SECONDS

1. PROJECT DEPTHS AND SOUNDINGS ARE REFERRED TO LOW WATER DATUM OF 569.2 FEET IGLD 1985.
2. HORIZONTAL CONTROL IS REFERRED TO NORTH AMERICAN DATUM 1983/2011 OHIO STATE PLANE COORDINATE SYSTEM-NORTH ZONE.
3. SOUNDINGS WERE TAKEN BY THE BUFFALO DISTRICT ARMY CORPS OF ENGINEERS BY B. MUNRO AND PARTY ON JULY 23, 2025 USING:
GPS POSITIONING, POS-MV VER.5 W/RTK TIDES
SONAR HEAD: 200 KHZ, R2 SONIC 2024 MULTIBEAM
1X2 DEGREE BEAMS 160 DEGREE ARC
HEAVE PITCH AND ROLL; APPLANIX POS-MV VER. 5
VELOCITY PROFILER; SONTEK CASTAWAY
HYPACK SURVEY SOFTWARE
SURVEY LAUNCH "MONSON"
4. THE SOUNDING INFORMATION DEPICTED ON THE MAP REPRESENTS THE RESULTS OF SURVEYS MADE ON THE DATE INDICATED AND CAN ONLY BE CONSIDERED AS INDICATING THE GENERAL CONDITION AT THAT TIME.
5. THE TOPOGRAPHIC INFORMATION IS BASED ON AERIAL PHOTOGRAPHY ACQUIRED FROM 1998 THROUGH 2004.
6. THIS SURVEY WAS PREPARED IN ACCORDANCE WITH THE STANDARDS OUTLINED IN CORPS OF ENGINEERS HYDROGRAPHIC SURVEY MANUAL EM 1110-2-1003.
7. THIS PROJECT WAS DESIGNED BY THE BUFFALO DISTRICT OF THE U.S. ARMY CORPS OF ENGINEERS. THE INITIALS OR SIGNATURES AND REGISTRATION DESIGNATIONS OF INDIVIDUALS APPEAR ON THESE PROJECT DOCUMENTS WITHIN THE SCOPE OF THEIR EMPLOYMENT AS REQUIRED BY ER 1110-1-8152.

	CHANNEL	CORNERS	COORDINATES
POINT		NORTHING	EASTING
1		724613.46	1880239.34
2		724396.62	1880517.61
3		724430.32	1881084.43
4		724631.39	1881833.97
5		724656.05	1881926.14
6		724774.69	1882087.15
7		724917.43	1882066.36
8		724692.34	1883006.81
9		724498.71	1880549.29
10		724530.03	1881068.33
11		724727.78	1881807.33
12		724209.52	1881890.83

[illegible]

** COPY OF SIGNED ORIGINAL **	Drawn by: JDP
	Checked by: KPL
	Reviewed by:
	Aaron C. Kennerly PLS
Chief, Survey Section	
Approved by:	
Vincent M. Lovullo	
Chief, NY/PA Navigation and Maintenance Section	

U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
BUFFALO, NEW YORK 14207-3199

PUT-IN-BAY HARBOR, OHIO

PROJECT CONDITIONS SOUNDINGS 2025

SCALE: 1"=100'

Sheet
reference
number
VH-101
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