



LEGEND OF SYMBOLS	
17+00	CHANNEL STATIONING
o 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	OCCULTING LIGHT
Iso	EQUAL INTERVAL
AL	ALTERNATING
Q	QUICK (FLASHING)
S	LIGHT CYCLE SECONDS

1. PROJECT DEPTHS AND SOUNDINGS ARE U.S. SURVEY FEET REFERRED TO LOW WATER DATUM OF 243.3 FEET ABOVE INTERNATIONAL GREAT LAKES DATUM 1985 (IGLD 1985).
2. HORIZONTAL CONTROL IS REFERRED TO NORTH AMERICAN DATUM 1983 (2011 ADJUSTMENT) NEW YORK STATE PLANE COORDINATE SYSTEM--CENTRAL ZONE.
3. SOUNDINGS WERE TAKEN BY THE BUFFALO DISTRICT ARMY CORPS OF ENGINEERS BY B. VERSO AND PARTY ON SEPT 07, 2025 USING:
GPS POSITIONING, POS-MV VER. 5 W/RTK TIDES
SONAR HEAD: 200 KHZ R2 SONIC 2024 MULTIBEAM
1.0 DEGREE BEAMS 150 DEGREE ARC
HEAVE PITCH AND ROLL: APPLANIX POS-MV VER. 5
VELOCITY PROFILER: SONTEK CASTAWAY
HYPACK SURVEY SOFTWARE
SURVEY VESSEL "MONSON"
3. SOUNDINGS WERE TAKEN BY THE BUFFALO DISTRICT ARMY CORPS OF ENGINEERS BY B. MUNRO AND PARTY ON SEPT 30, 2025 USING:
GPS POSITIONING, GPS BASE STATION W/ RTK TIDES
SONAR HEAD: 200 KHZ CEESCOPE
HEAVE PITCH AND ROLL: N/A
VELOCITY PROFILER: SONTEK CASTAWAY
HYPACK SURVEY SOFTWARE
SURVEY VESSEL "LOWE"
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. THIS SURVEY WAS PREPARED IN ACCORDANCE WITH THE STANDARDS OUTLINED IN CORPS OF ENGINEERS HYDROGRAPHIC SURVEY MANUAL EM 1110-2-1003.
6. 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 CORNER COORDINATES		
POINTS	NORTHING	EASTING
1	1505636.67	884402.53
2	1505337.84	884376.02
3	1505547.46	885408.26
4	1505261.77	885253.68
5	1506426.25	888403.95
6	1505838.43	887205.08
7	1507041.99	889248.29
8	1505950.31	887980.74
10	1506139.49	888445.68
12	1506391.72	888616.81
14	1506269.67	888783.25
16	1506700.41	889373.90



Original sheet size = ANSI D

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

CAPE VINCENT HARBOR, NY

PROJECT CONDITION SOUNDINGS 2025

SCALE: 1"=200'

VH-101

Sheet 1 of 1

