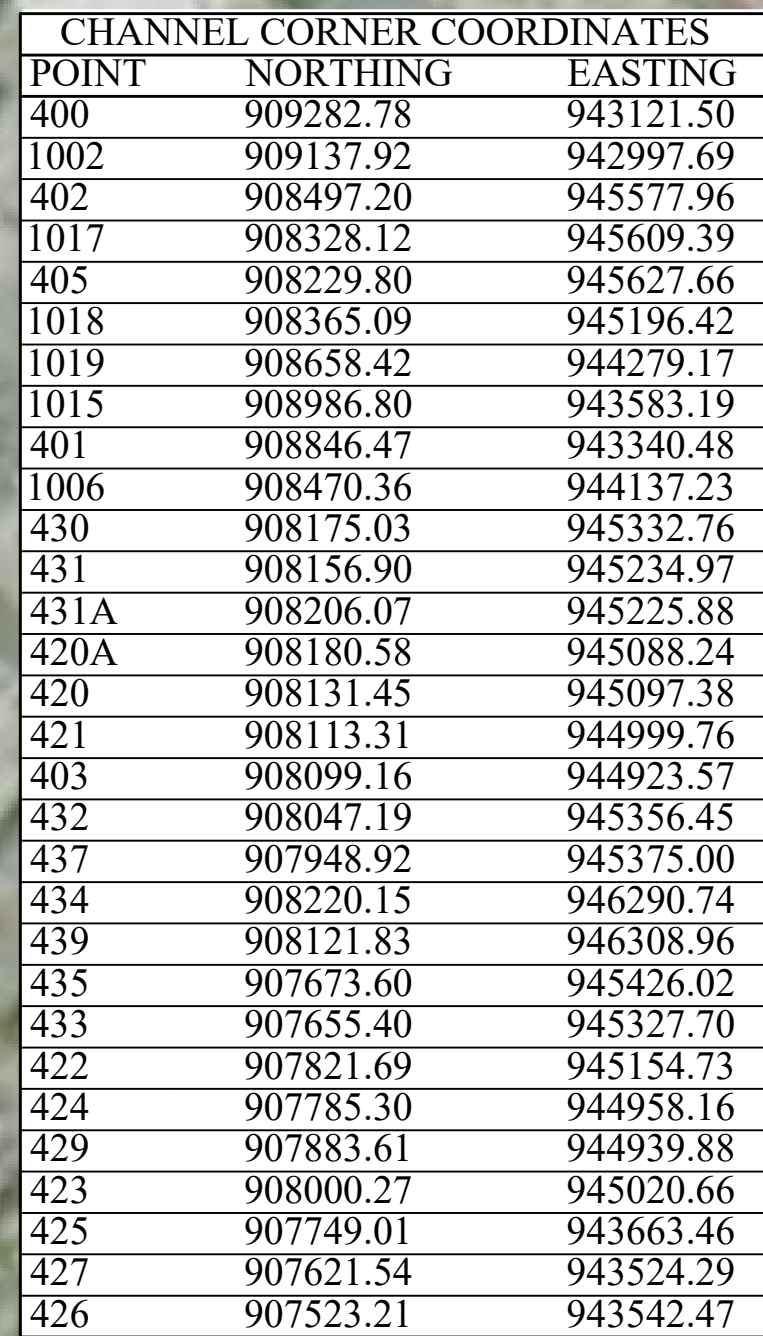




SOUNDING COLOR LEGEND	
	DEPTHS 0.1' OR MORE ABOVE PROJECT DEPTH
	DEPTHS AT OR BELOW PROJECT DEPTH
	PROJECT DEPTH

LEGEND OF SYMBOLS	
	CHANNEL STATIONING
	CHANNEL CORNER
	HARBOR LINE CORNER
	FEDERAL CHANNEL
	HARBOR LINE
	SUBMARINE CABLE
	CAN BUOY
	NUN BUOY
	LIGHTED BUOY
	FIXED LIGHT
	LIGHT HOUSE
	SUBMERGED WRECK

- SITE SPECIFIC NOTES:**
1. PROJECT DEPTHS AND SOUNDINGS SHOWN ARE U.S. SURVEY FEET REFERRED TO LOW WATER DATUM OF 569.2 FEET INTERNATIONAL GREAT LAKES DATUM OF 1985 (IGLD 85) (EPSG:5609).
 2. HORIZONTAL COORDINATES AND DISTANCES SHOWN ARE U.S. SURVEY FEET REFERRED TO NORTH AMERICAN DATUM 1983/2011 (NAD83/11) NEW YORK STATE PLANE COORDINATE SYSTEM – WEST ZONE (EPSG:6541)
 3. SOUNDINGS SHOWN REPRESENT THE SHORLEST SOUNDING SORTED FROM FULL MULTIBEAM COVERAGE USING A 20' x 20' HYPACK MATRIX.
 4. SOUNDINGS WERE TAKEN BY THE BUFFALO DISTRICT ARMY CORPS OF ENGINEERS BY J. PETIT AND PARTY ON MAY 15, 2026 USING:
GPS POSITIONING, SBG EKINOX INS W/RTK TIDES
SONAR HEAD: 450 KHZ, PING 3DSS MULTIBEAM
HEAVE PITCH AND ROLL; SBG EKINOX INS
VELOCITY PROFILER; SONTEK CASTAWAY
HYPACK SURVEY SOFTWARE
SURVEY LAUNCH "SMOKERCRAFT"
 5. 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.
 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.

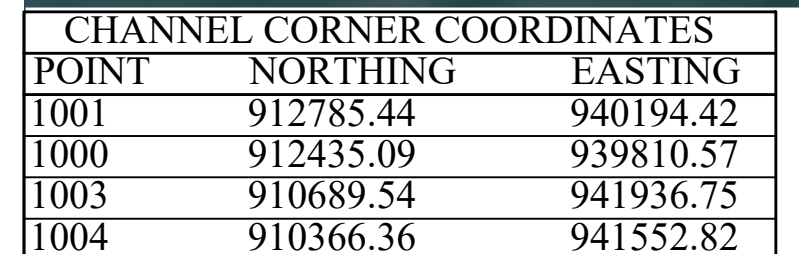




 DEPTHS 0.1' OR MORE ABOVE PROJECT DEPTH
 DEPTHS AT OR BELOW PROJECT DEPTH
 PROJECT DEPTH

LEGEND OF SYMBOLS	
	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
	SUBMERGED WRECK

- NOTE. SPECIFIC NOTES:
1. PROJECT DEPTHS AND SOUNDINGS SHOWN ARE U.S. SURVEY FEET REFERRED TO LOW WATER DATUM OF 569.2 FEET INTERNATIONAL GREAT LAKES DATUM OF 1985 (IGLD 85) (EPSG:5609).
 2. HORIZONTAL COORDINATES AND DISTANCES SHOWN ARE U.S. SURVEY FEET REFERRED TO NORTH AMERICAN DATUM 1983/2011 (NAD83/11) NEW YORK STATE PLANE COORDINATE SYSTEM – WEST ZONE (EPSG:6541)
 3. SOUNDINGS SHOWN REPRESENT THE SHOALEST SOUNDING SORTED FROM FULL MULTIBEAM COVERAGE USING A 20' X 20' HYPACK MATRIX.
 4. SOUNDINGS WERE TAKEN BY THE BUFFALO DISTRICT ARMY CORPS OF ENGINEERS BY D. HENNEBERGER AND PARTY ON JUNE 4, 2026 USING:
GPS POSITIONING, SBG EKINOX INS W/RTK TIDES
SONAR HEAD: 450 KHZ, PING 3DS MULTIBEAM
HEAVE PITCH AND ROLL; SBG EKINOX INS
VELOCITY PROFILER; SONTEK CASTAWAY
HYPACK SURVEY SOFTWARE
SURVEY LAUNCH "SMOKERCRAFT"
 5. 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.
 6. THIS SURVEY WAS PREPARED IN ACCORDANCE WITH THE STANDARDS OUTLINED IN CORPS OF ENGINEERS HYDROGRAPHIC SURVEY MANUAL EM 1110-2-1003.
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US Army Corps
of Engineers
Buffalo District

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Reviewed by: _____	
Aaron C. Kemnerly, PLS	
Chief, Survey Section	

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

DUNKIRK HARBOR
DUNKIRK, NY
PROJECT CONDITION SOUNDING

Sheet
reference
number
VH-101
Sheet 1 of 2