

SOUNDING COLOR LEGEND	
■	DEPTHS 0.1' OR MORE ABOVE PROJECT DEPTH
■	DEPTHS AT OR BELOW PROJECT DEPTH
XX.X	PROJECT DEPTH

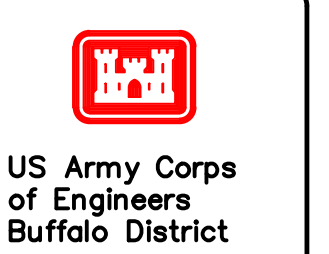
LEGEND OF SYMBOLS	
17+00 (NEW), 17+00 (OLD)	CHANNEL STATIONING
○ 417	CHANNEL CORNER
⊙ H.L.F.	HARBOR LINE CORNER
---	FEDERAL CHANNEL
---	HARBOR LINE
---	SUBMARINE CABLE
⊙	CAN BUOY
⊙	NUN BUOY
⊙	LIGHTED BUOY
⊙	FIXED LIGHT
⊙	LIGHT HOUSE
W	LIGHT COLOR WHITE
R	LIGHT COLOR RED
G	LIGHT COLOR GREEN
FL	FLASHING LIGHT
F	FIXED LIGHT
Oc	OCCULTING LIGHT
Iso	EQUAL INTERVAL
AL	ALTERNATING
Q	QUICK (FLASHING)
S	LIGHT CYCLE SECONDS

SITE SPECIFIC NOTES:

- PROJECT DEPTHS AND SOUNDINGS ARE REFERRED TO LOW WATER DATUM OF 243.3 FEET IGLD 1985.
- HORIZONTAL CONTROL IS REFERRED TO NORTH AMERICAN DATUM 1983 (2011 ADJUSTMENT) NEW YORK STATE PLANE COORDINATE SYSTEM-WEST ZONE.
- PROJECT DEPTH IS AS NOTED BELOW LOW WATER DATUM.
- SOUNDINGS WERE TAKEN BY THE BUFFALO DISTRICT ARMY CORPS OF ENGINEERS BY D. DELL AND PARTY ON JULY 24, 2020 USING:
GPS POSITIONING: GPS BASE STATION WITH RTK TIDES
SONAR HEAD: 200 KHZ, CEESCOPE
3 DEGREE BEAMS
VELOCITY PROFILE: SONTEK CASTAWAY
HYPACK SURVEY SOFTWARE
SURVEY LAUNCH: "SMOKERCRAFT"
- 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.
- THIS SURVEY WAS PREPARED IN ACCORDANCE WITH THE STANDARDS OUTLINED IN CORPS OF ENGINEERS HYDROGRAPHIC SURVEY MANUAL EM 1110-2-1003.

CHANNEL CORNER COORDINATES		
POINT	NORTHING	EASTING
400	1182951.52	1429607.20
402	1181530.03	1428186.14
404	1181297.20	1427953.40
406	1178875.47	1427953.62
408	1177257.62	1427474.65
409	1177286.01	1427378.77
407	1178889.96	1427853.62
1010	1179928.22	1427853.47
1012	1179958.07	1427812.50
1014	1179932.16	1427637.40
1015	1180130.00	1427608.12
1013	1180159.21	1427805.44
1011	1180228.02	1427854.72
405	1181338.61	1427853.39
403	1181600.73	1428115.42
401	1183022.22	1429536.48





**US Army Corps of Engineers
Buffalo District**

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Date: May 28, 2015
Original sheet size = ANSI D

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

IRONDEQUOIT BAY, NY

PROJECT CONDITIONS SOUNDINGS 2020

SCALE: 1" = 200'

Sheet reference number
VH-101
Sheet 1 of 1