



VICINITY MAP
"NOT TO SCALE"

SOUNDING COLOR LEGEND

- DEPTHS 0.1' OR MORE ABOVE PROJECT DEPTH
- DEPTHS AT OR BELOW PROJECT DEPTH
- X.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 NEW YORK STATE PLANE COORDINATE SYSTEM-CENTRAL ZONE.
- PROJECT DEPTH IS AS NOTED BELOW LOW WATER DATUM.
- SOUNDINGS WERE TAKEN BY THE BUFFALO DISTRICT ARMY CORPS OF ENGINEERS BY D. BANNING AND PARTY ON DECEMBER 8, 2015 USING:
GPS POSITIONING, APPLANIX POS-MV VER. 5 WITH REAL TIME KINEMATIC GPS BASE STATION
SONAR HEAD: 200KHZ R2 SONIC 2124 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 LAUNCH "WITMER"
- 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.
- AERIAL IMAGERY SHOWN WAS OBTAINED THROUGH THE NEW YORK STATE GIS CLEARINGHOUSE.
- THIS SURVEY WAS PREPARED IN ACCORDANCE WITH THE STANDARDS OUTLINED IN CORPS OF ENGINEERS HYDROGRAPHIC SURVEY MANUAL EM 1110-2-1003.

CHANNEL CORNERS COORDINATES		
POINT	NORTHING	EASTING
1	1439939.8	942169.5
2	1440072.9	942694.7
3	1439574.6	942645.2
4	1439027.9	942032.2
5	1439400.0	941565.6
6	1439595.4	941721.5
7	1439412.1	941951.4
8	1439396.3	942056.3
9	1439463.5	942130.3



US Army Corps of Engineers Buffalo District

Original sheet size = ANSI D

**** COPY OF SIGNED ORIGINAL ****

Drawn by: KRL
Checked by: ACK
Reviewed by: Roman H. Figler III PLS
Chief, Survey Section
Approved by: Edward F. Gowercki
Chief, NY/PA Navigation and Maintenance Section
<http://www.fius.usace.army.mil/Library/MapandCharts.aspx>

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

SACKETS HARBOR, NY
PROJECT CONDITIONS SOUNDINGS 2015
SCALE: 1"=100'

Sheet reference number
VH-101
Sheet 1 of 1