

US Army Corps of Engineers Buffalo District

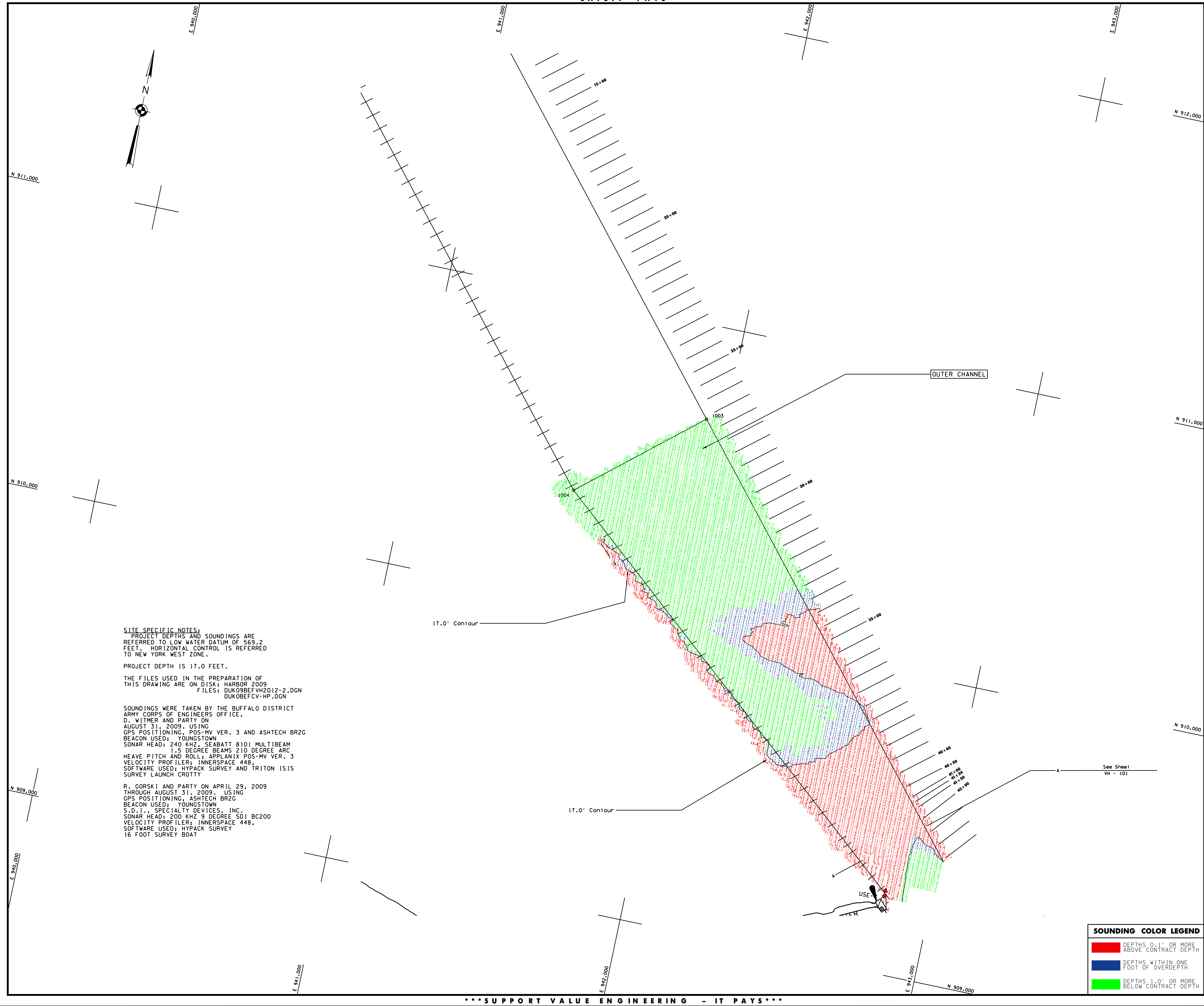
GENERAL NOTES:
The information depicted on the map represents the results of surveys made on the date indicated and can only be considered as indicating the general condition at that time. Unless otherwise noted on this map, all depths and soundings are in feet and referred to the International Great Lakes Datum 1985 (IGLD 1985) and all horizontal positions are referred to North American Datum 1983 (NAD83). See the Site Specific Notes for appropriate details. To view a color version of this map, point a web browser to <http://www.lfp.usace.army.mil/waterways/survey/survey.html>. This drawing was prepared using a CAD system. Scaling may be distorted.

Drawn by:	CADD
Checked by:	
Reviewed by:	
Drawn:	
Checked:	
Approved:	
Chief, Navigation and Maintenance Section	

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

DUNK IRK HARBOR, N.Y.
BEFORE CONTRACT DREDGING SOUNDINGS 2009
SCALE: 1" = 100'
25' 0" 50' 100'

Sheet reference number:
VH - 202
Sheet **2** of **2**
09S-DUK-22



SITE SPECIFIC NOTES:
PROJECT DEPTHS AND SOUNDINGS ARE REFERRED TO LOW WATER DATUM OF 569.2 FEET. HORIZONTAL CONTROL IS REFERRED TO NEW YORK WEST ZONE.

PROJECT DEPTH IS 17.0 FEET.

THE FILES USED IN THE PREPARATION OF THIS DRAWING ARE ON DISK: HARBOR 2009
FILES: DUK09BEFVH2012-2.DGN
DUK0BEFCV-HP.DGN

SOUNDINGS WERE TAKEN BY THE BUFFALO DISTRICT ARMY CORPS OF ENGINEERS OFFICE,
D. WITMER AND PARTY ON
AUGUST 31, 2009, USING
GPS POSITIONING, POS-MV VER. 3 AND ASHTECH BR2G
BEACON USED: YOUNGSTOWN
SONAR HEAD: 240 KHZ, SEABATT 8101 MULTIBEAM
1.5 DEGREE BEAMS 210 DEGREE ARC
HEAVE PITCH AND ROLL: APPLANIX POS-MV VER. 3
VELOCITY PROFILER: INNERSPACE 448,
SOFTWARE USED: HYPACK SURVEY AND TRITON ISIS
SURVEY LAUNCH CROTTY

R. GORSKI AND PARTY ON APRIL 29, 2009
THROUGH AUGUST 31, 2009, USING
GPS POSITIONING, ASHTECH BR2G
BEACON USED: YOUNGSTOWN
S.D.I., SPECIALTY DEVICES, INC.
SONAR HEAD: 200 KHZ 3 DEGREE SDI BC200
VELOCITY PROFILER: INNERSPACE 448,
SOFTWARE USED: HYPACK SURVEY
16 FOOT SURVEY BOAT

SOUNDING COLOR LEGEND

■	DEPTHS 0.1' OR MORE ABOVE CONTRACT DEPTH
■	DEPTHS WITHIN ONE FOOT OF OVERDEPTH
■	DEPTHS 1.0' OR MORE BELOW CONTRACT DEPTH