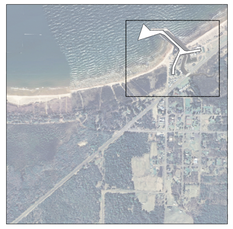
US Army Corps of Engineers Great Lakes

LOCATION MAP



SHEET INDEX
NO SCALE

NOTES

1. ELEVATIONS AND SOUNDING DEPTHS ARE REFERRED TO INTERNATIONAL GREAT LAKES DATUM 1985 (IGLD 85). LOW WATER DATUM ZERO IS 601.1 FEET ABOVE MEAN WATER LEVEL AT POINT RIMOUSKI QUEBEC. WATER LEVEL READINGS ARE FROM A TEMPORARY GAUGE LOCATED AT THE TOP OF THE DOCK ABOVE A NAIL SET IN THE FACE OF THE DOCK ADJACENT TO THE BOAT RAMP AS SHOWN HEREON, REFERENCED TO WIDOT SURVEY MONUMENT BARK BAY GPS. DEPTHS WERE MEASURED USING A ROSS 825C SINGLE BEAM SONAR.
2. THE INFORMATION DEPICTED ON THIS MAP REPRESENTS THE RESULTS OF SURVEYS MADE ON JULY 18, 2016 AND CAN ONLY BE CONSIDERED AS INDICATING THE GENERAL CONDITIONS PRESENT AT THE TIME.
3. HORIZONTAL POSITIONING IS DETERMINED USING THE DIFFERENTIAL GLOBAL POSITIONING SYSTEM (DGPS). THE DIFFERENTIAL CORRECTIONS ARE PROVIDED BY U.S. COAST GUARD DIFFERENTIAL BROADCAST STATIONS.
4. GRID COORDINATES ARE BASED ON THE WISCONSIN STATE PLANE COORDINATE SYSTEM, LAMBERT PROJECTION, NORTH ZONE (4801), NORTH AMERICAN DATUM 1983 (NAD83). ALL COORDINATES SHOWN ARE IN U.S. SURVEY FEET.
5. PROJECT DEPTHS ARE 8.0' AND 10.0' BELOW LOW WATER DATUM.

LEGEND

- WATER ELEVATION GAUGE STAFF
- HORIZONTAL CONTROL POINT
- CHANNEL LINE TURNING POINT
- CHANNEL LINE

8' LEGEND: 0.0', 7.0', 8.0', 9.0', 10.0', 11.0', 15.0'

10' LEGEND: 0.0', 9.0', 10.0', 11.0', 12.0', 13.0', 40.0'

N

0 50' 100'

SURVEY CONTROL

STA.	DESCRIPTION	COORDINATES		
		NORTHING	EASTING	ELEV
CORN	BRASS DISK	619306.51	1692098.54	608.14
IF-1	BRASS DISK	619311.07	1692426.29	608.83
WDOT 9D41	ALUM DISK	618282.52	1692859.12	608.41
GAGE	MARKED "X"	618566.26	1692868.55	605.14
LANDING	PK NAIL	618527.05	1692847.69	604.01
BARK BAY GPS	BRONZE DISK	613546.77	1667610.62	624.34

CHANNEL CONTROL

DESCRIPTION	COORDINATES	
	NORTHING	EASTING
POINT 1	619424.7	1691930.2
POINT 2	619065.6	1691809.5
POINT 3	619279.9	1692068.2
POINT 4	619217.0	1692286.0
POINT 5	619282.6	1692341.6
POINT 6	619176.5	1692382.2
POINT 7	618930.3	1692720.0
POINT 8	618893.6	1692685.9
POINT 9	618850.4	1692805.6
POINT 10	618844.7	1692696.0
POINT 11	618836.0	1692853.5
POINT 12	618502.4	1692546.8
POINT 13	618885.7	1693149.4
POINT 14	618342.7	1692536.5
POINT 15	618836.4	1693157.7
POINT 16	618339.5	1692586.4
POINT 18	618490.4	1692596.2
POINT 20	618762.0	1692714.5

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MARK	DESCRIPTION	DATE	APPR.	MARK	DESCRIPTION	DATE	APPR.
2	RE-SURVEYED POST FLOOD	7/18/2016					
1	ADDITIONAL SOUNDINGS	8/23/2016					

SURVEYED BY: HSC & A/A
DWN BY: HSC & A/A
CKD BY: JEF
SUBMITTED BY: Steve Brossart, Area Engineer
DATE OF SURVEY: 7/18/2016
SOLICITATION NO.:
CONTRACT NO.:
DATE OF PLOT: APRIL 2010
FILE NUMBER: CORN 7090/100
HORIZ. SCALE: 1" = 50'
SIZE: ANSI E
IMAGE SOURCE: DGPS
FILE NAME: CORNTT16.dwg

U.S. ARMY CORPS OF ENGINEERS
DET MCHIGAN AVE
477 MICHIGAN AVE
DETROIT, MI 48226

DULUTH AREA OFFICE
600 LAKE AVENUE SOUTH
DULUTH, MN 55802

CORNUCOPIA HARBOR
WISCONSIN

CONDITION OF CHANNEL
JULY 2016

SHEET IDENTIFICATION
COR01
SHEET 1 OF 1