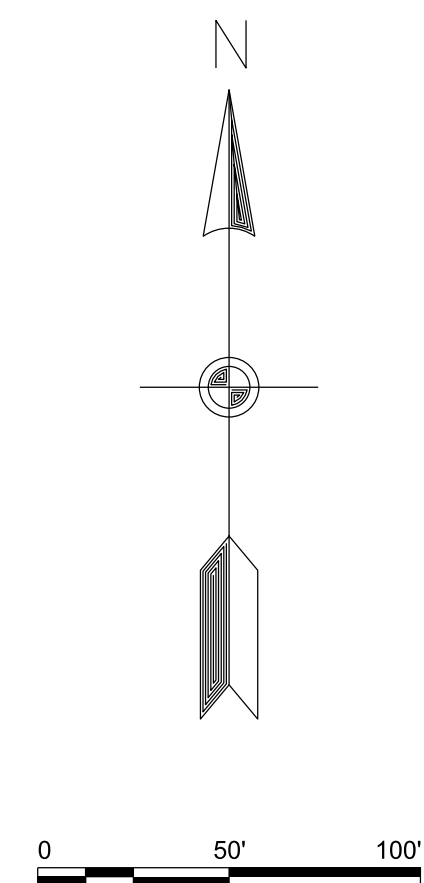
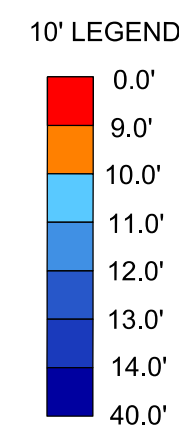
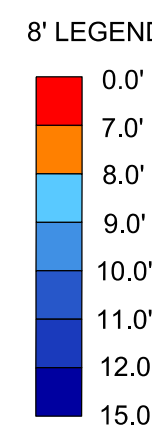


#### NOTES

- THE INFORMATION DEPICTED ON THIS MAP REPRESENTS THE RESULTS OF SURVEYS MADE ON MAY 14, 2019 AND CAN ONLY BE CONSIDERED AS INDICATING THE GENERAL CONDITIONS PRESENT AT THAT TIME.
- SOUNDING DEPTHS ARE REFERENCED TO INTERNATIONAL GREAT LAKES DATUM 1985 (IGLD 85) LOW WATER DATUM ELEVATION 601.1 FEET ABOVE MEAN WATER LEVEL AT RIMOUSKI QUEBEC. WATER LEVEL READINGS WERE OBTAINED WITH RTK GPS. DEPTHS ARE MEASURED USING A ROSS LABORATORIES MODEL 825C PORTABLE SURVEY SOUNDER.
- HORIZONTAL POSITIONING IS DETERMINED USING REAL TIME KINEMATIC (RTK) GLOBAL NAVIGATION SATELLITE SYSTEM (GNSS) CORRECTIONS FROM A BASE STATION LOCATED AT US ARMY CORPS OF ENGINEERS (USACE) CONTROL POINT 803. A WISCONSIN DEPARTMENT OF TRANSPORTATION MONUMENT STAMPED "9D41 2010." THE GPS RECEIVER IS MANUFACTURED BY TRIMBLE, MODEL SP5751.
- THE GRID COORDINATE SYSTEM SHOWN IS REFERENCED TO THE WISCONSIN STATE PLANE COORDINATE SYSTEM, LAMBERT PROJECTION, NORTH ZONE (4801), NORTH AMERICAN DATUM 1983 (NAD83), US SURVEY FOOT.
- PROJECT DEPTHS ARE 8.0' AND 10.0' BELOW LOW WATER DATUM.

#### LEGEND

- GPS CONTROL POINT
- CHANNEL LINE TURNING POINT
- CHANNEL LINE
- PROJECT DEPTH CONTOUR



#### 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	1691909.5
POINT 3	619279.9	1692098.2
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	1692695.9
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	618855.7	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



U.S. ARMY CORPS OF ENGINEERS  
DETROIT DISTRICT  
DETROIT, MI 48226  
DULUTH AREA OFFICE  
680 LAKE AVENUE SOUTH  
DULUTH, MN 55802

CORNUCOPIA HARBOR  
WISCONSIN  
CONDITION OF CHANNEL  
MAY 2019

SHEET  
COR 1