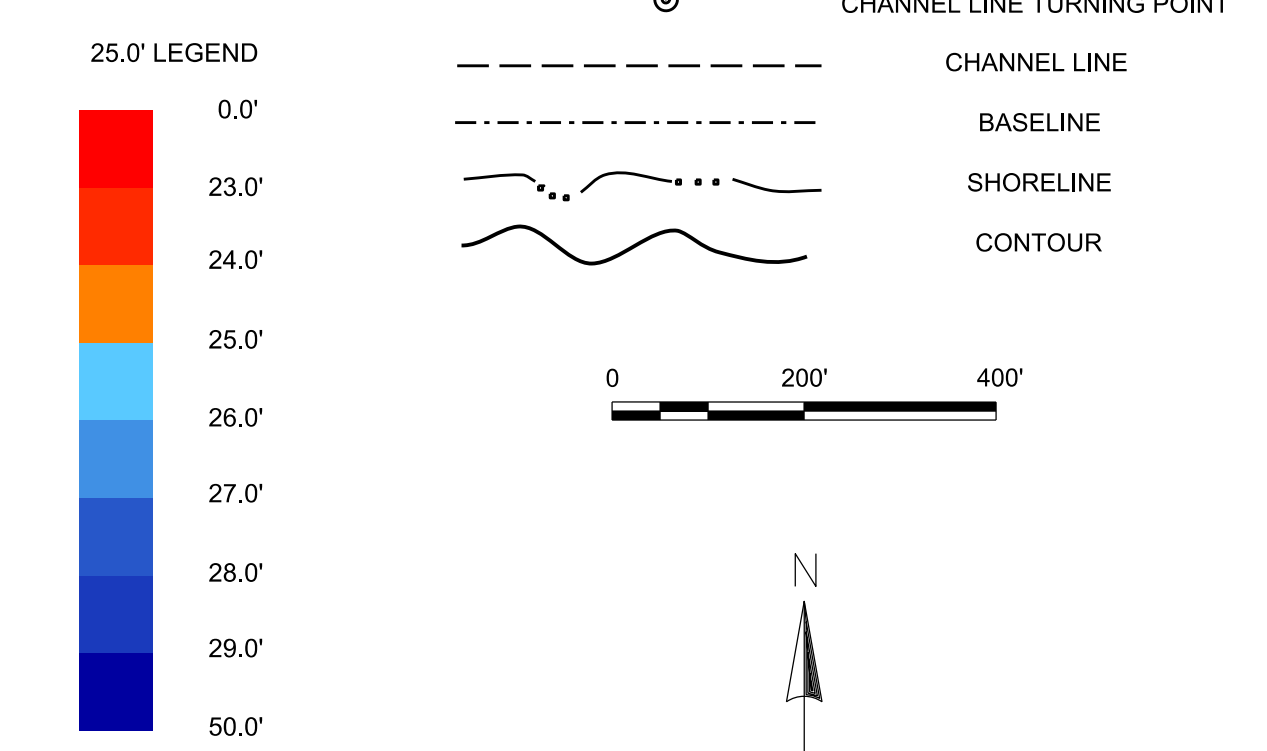


- NOTES
1. THE INFORMATION DEPICTED ON THIS MAP REPRESENTS THE RESULTS OF SURVEYS MADE ON JUNE 07, 2016 AND CAN ONLY BE CONSIDERED AS INDICATING THE GENERAL CONDITIONS PRESENT AT THE TIME.
 2. SOUNDING DEPTHS ARE REFERENCED TO INTERNATIONAL GREAT LAKES DATUM 1985 (IGLD 85) LOW WATER DATUM (LWD). ELEVATION IS 601.1 FEET ABOVE MEAN WATER LEVEL AT RIMOUSKI QUEBEC. WATER LEVEL READINGS WERE OBTAINED WITH RTK GPS VALUES. DEPTHS ARE MEASURED USING A ROSS 8268 SINGLE BEAM DEPTH SOUNDER.
 3. 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 112, A PK NAIL SET IN THE ASPHALT GUTTER LINE NEAR THE EDGE OF THE PARKING LOT, AND SOUTHERLY OF THE BOAT RAMP, IN THE CITY OF HANCOCK PARK ON POWERS DRIVE. THE GPS RECEIVER IS MANUFACTURED BY APPLANIX MARINE POSIMV VER. 4.0.
 4. GRID COORDINATES ARE BASED ON THE MICHIGAN STATE PLANE COORDINATE SYSTEM, LAMBERT PROJECTION, MICHIGAN NORTH ZONE (2111), NORTH AMERICAN DATUM (NAD83). ALL COORDINATES SHOWN ARE IN U.S. SURVEY FEET.
 5. THE PROJECT DEPTH FOR THIS AREA IS 25'.



COORDINATE TABLE

STATION	DESCRIPTION	COORDINATES	
		NORTHING	EASTING
BRIDGE	ALUM CAP	897635.825	25864778.825
PICNIC	ALUM CAP	896348.274	25865914.949
SALT	NAVIG. AD	897635.844	25865725.574
FLG POLE	NAVIG. AD	896826.562	25866994.474
CHURCH	NAVIG. AD	896826.675	25867037.399
PT. 61	E. CHANNEL LINE	896995.3	25864948.3
PT. 63	E. CHANNEL LINE	896368.8	25864248.0
PT. 65	E. CHANNEL LINE	897667.0	25866062.2
PT. 67	E. CHANNEL LINE	897423.8	25865233.8
PT. 69	E. CHANNEL LINE	893868.1	25869219.8
PT. M	CENTERLINE	896862.2	25864776.8
PT. N	CENTERLINE	896862.2	25864776.8
PT. O	CENTERLINE	897466.3	25866266.5
PT. P	CENTERLINE	897426.0	25866194.1
PT. Q	CENTERLINE	893682.2	25869146.2
PT. R	W. CHANNEL LINE	897658.0	25864716.4
PT. S	W. CHANNEL LINE	896493.3	25864688.5
PT. T	W. CHANNEL LINE	897285.0	25865578.3
PT. U	W. CHANNEL LINE	897426.0	25865144.2
PT. V	W. CHANNEL LINE	897867.3	25869447.0
PT. W	W. CHANNEL LINE	896844.3	25866811.1

U.S. ARMY CORPS OF ENGINEERS
DETROIT DISTRICT
DETROIT, MI

PROJECT: KEWEENAW WATERWAY
MICHIGAN

DATE: JUNE 2016

CONDITION OF CHANNEL
KWW 12

SHEET IDENTIFICATION
KWW 12