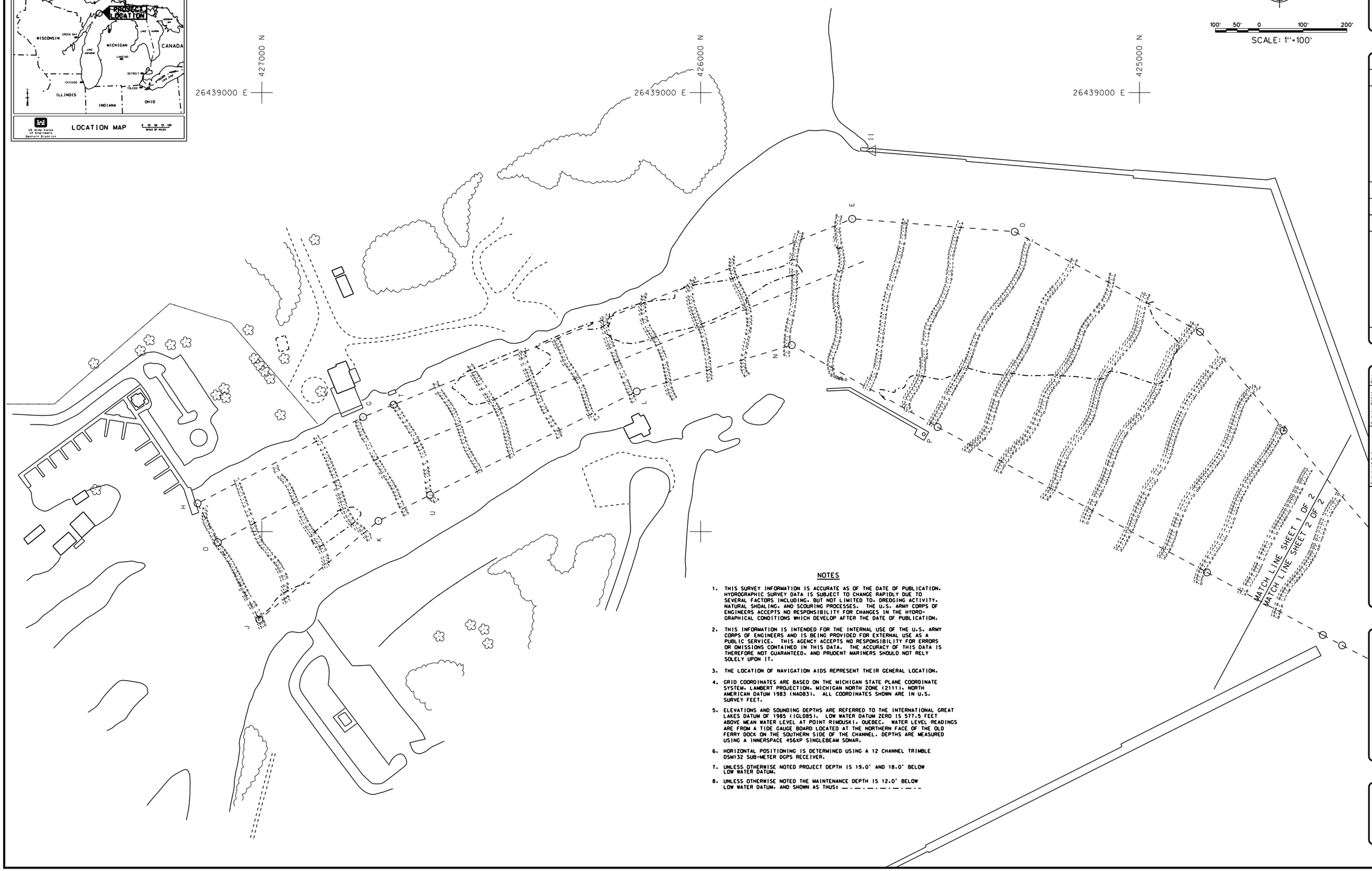

NOTES

1. THIS SURVEY INFORMATION IS ACCURATE AS OF THE DATE OF PUBLICATION. HYDROGRAPHIC SURVEY DATA IS SUBJECT TO CHANGE RAPIDLY DUE TO SEVERAL FACTORS INCLUDING, BUT NOT LIMITED TO, DREDGING ACTIVITY, NATURAL SHOALING, AND SCOURING PROCESSES. THE U.S. ARMY CORPS OF ENGINEERS ACCEPTS NO RESPONSIBILITY FOR CHANGES IN THE HYDROGRAPHICAL CONDITIONS WHICH DEVELOP AFTER THE DATE OF PUBLICATION.

2. THIS INFORMATION IS INTENDED FOR THE INTERNAL USE OF THE U.S. ARMY CORPS OF ENGINEERS AND IS BEING PROVIDED FOR EXTERNAL USE AS A PUBLIC SERVICE. THIS AGENCY ACCEPTS NO RESPONSIBILITY FOR ERRORS OR OMISSIONS CONTAINED IN THIS DATA. THE ACCURACY OF THIS DATA IS THEREFORE NOT GUARANTEED, AND PRUDENT MARINERS SHOULD NOT RELY SOLELY UPON IT.

3. THE LOCATION OF NAVIGATION AIDS REPRESENT THEIR GENERAL LOCATION.

4. GRID COORDINATES ARE BASED ON THE MICHIGAN STATE PLANE COORDINATE SYSTEM, LAMBERT PROJECTION, MICHIGAN NORTH ZONE (2111), NORTH AMERICAN DATUM 1983 (NAD83). ALL COORDINATES SHOWN ARE IN U.S. SURVEY FEET.

5. ELEVATIONS AND SOUNDING DEPTHS ARE REFERRED TO THE INTERNATIONAL GREAT LAKES DATUM OF 1985 (IGLD85). LOW WATER DATUM ZERO IS 577.5 FEET ABOVE MEAN WATER LEVEL AT POINT RIMOUSKI, QUEBEC. WATER LEVEL READINGS ARE FROM A TIDE GAUGE BOARD LOCATED AT THE NORTHERN FACE OF THE OLD FERRY DOCK ON THE SOUTHERN SIDE OF THE CHANNEL. DEPTHS ARE MEASURED USING A INNERSPACE 456XP SINGLEBEAM SONAR.

6. HORIZONTAL POSITIONING IS DETERMINED USING A 12 CHANNEL TRIMBLE DSM132 SUB-METER DGPS RECEIVER.

7. UNLESS OTHERWISE NOTED PROJECT DEPTH IS 19.0' AND 18.0' BELOW LOW WATER DATUM.

8. UNLESS OTHERWISE NOTED THE MAINTENANCE DEPTH IS 12.0' BELOW LOW WATER DATUM, AND SHOWN AS THUS: — · — · — · — · — · —

US Army Corps of Engineers
Detroit District

Symbol	Description	Date	Appr.	Symbol	Description	Date	Appr.

U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
DETROIT, MICHIGAN

Surveyed by: Alpine & ALDRICH		Survey Dates: 2007-2008	Rev.
Dwn by: K.R.S.	Dwd by: K.M.B.	Design file name: MSHVTOTCD81.DGN	
Reviewed by:		Drawing code:	
Chief, Eng. Mgmt.		File name: MSH-01	
Submitted by:		Plot scale: 1" = 100'	
Chief, SGP Section			
Approval Recommended: Area Eng. Svcs Office			
Approved by: District Engineer			

SOO AREA OFFICE
MANISTIQUE HARBOR, MICHIGAN

APRIL 2008
CONDITION OF CHANNEL

Sheet reference number:

MSH-01

Sheet 1 of 2