



Hydrographic Survey of the **Mississippi River** Ortho photography flown 1995
 Horizontal Projection: State Plane, NAD1983, Illinois West - 1202 U.S. Survey Feet
 Vertical Datum: MSL 1912 U.S. Survey Feet. All soundings adjusted to Flat Pool: 480.0
 Water Surface at time of survey: 482.4 / Water Stage: +2.4 Feet

Survey Vessel: MV Hinds
 Conducted by: Justin Coldwater and Matt Martin
 Processed in Autodesk LDDT by: Bob Adams on 20 Aug 2008
 File Name: UMR_20_3637-3639_08A.dwg



Lock 19 Lower Approach

Survey Date: 18 Aug 2008
 UMR / Pool 20 - Reach River Miles: 363.7 - 363.9