



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: 518.2  
 Water Surface at time of survey: 522.2 / Water Stage: +4.0 Feet

Survey Vessel: MV Hinds  
 Conducted by: Chris Reger, Kenny Brenner, Justin Coldwater and Matt Martin  
 Processed in Autodesk LDDT by: Bob Adams on 1 Aug 2008  
 File Name: UMR\_19\_3980-3995\_08A.dwg



**Kemps to Craigel**  
 Survey Date: 30 Jul 2008  
 UMR / Pool 19 - Reach River Miles: 398.0 - 399.5