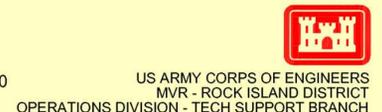


Hydrographic Survey of the **Mississippi River** Ortho photography flown 1995  
 Horizontal Projection: State Plane, NAD1983, Illinois West - 1202 U.S. Survey Feet  
 Vertical Datum: MSL 1912 U.S. Survey Feet. All soundings adjusted to Flat Pool: 536.0  
 Water Surface at time of survey: 537.4 / Water Stage: +1.4 Feet

Survey Vessel: Launch Coot  
 Conducted by: Matt Martin and Ray Frana  
 Processed in Autodesk LDDT by: Bob Adams on 17 May 2010  
 File Name: UMR\_17\_4458-4463\_10A.dwg



**Head of Barkis Island**  
 Survey Date: 12 May 2010  
 UMR / Pool 17 - Reach River Miles: 445.8 - 446.3