



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 Upper: 459.5
 Water Surface at time of survey: 459.8 / Water Stage: +0.3 Feet Flat Pool Lower: 449.0
 Water Surface at time of survey: 452.3 / Water Stage: +3.3 Feet

Survey Vessel: Launch Coot
 Conducted by: Justin Coldwater and Matt Martin
 Processed in Autodesk LDDT by: Bob Adams on 19 Nov 2008
 File Name: UMR_24_3010-3013_08A.dwg



US ARMY CORPS OF ENGINEERS
 MVR - ROCK ISLAND DISTRICT
 OPERATIONS DIVISION - TECH SUPPORT BRANCH

Lock 22 Auxiliary Lock Dredge Cuts

Survey Date: Upper - 18 Nov / Lower- 17 Nov 2008
 UMR / Pool 22 - Reach River Miles: 301.0 - 301.3