



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: 519.3 / Water Stage: +0.1 Feet

Survey Vessel: MV Hinds
 Conducted by: Chris Reger and Rick Anderson
 Processed in AutoCAD Civil 3D 2012 by Bob Adams on 6 Sep 2012
 File Name: UMR_19_3829-3842_12A.dwg



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

Fort Madison to Fort Madison Upper

Survey Date: 5 Sep 2012
 UMR / Pool 19 - Reach River Miles: 382.9 - 384.2