



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: 603.0  
 Water Surface at time of survey: 603.1 / Water Stage: +0.1 Feet

Survey Vessel: MV Hinds  
 Conducted by: Chris Reger and Justin Coldwater  
 Processed in Autodesk LDDT by: Bob Adams on 21 Jul 2008  
 File Name: UMR\_11\_5893-5895\_08A.dwg



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

**Arrowhead Marina & Entrance Channel**  
 Survey Date: 15 Jul 2008  
 UMR / Pool 11 - Reach River Miles: 589.3 - 589.5