



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: 470.0  
 Water Surface at time of survey: 476.5 / Water Stage: +6.5 Feet

Survey Vessel: Launch Coot  
 Conducted by: Sam Hoover and Ray Frana  
 Processed in Autodesk LDDT by: Bob Adams on 27 May 2011  
 File Name: UMR\_21\_3307-3327\_11A.dwg



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

# Hogback to Willow Island

Survey Date: 25 May 2011  
 UMR / Pool 21 - Reach River Miles: 330.7 - 332.7