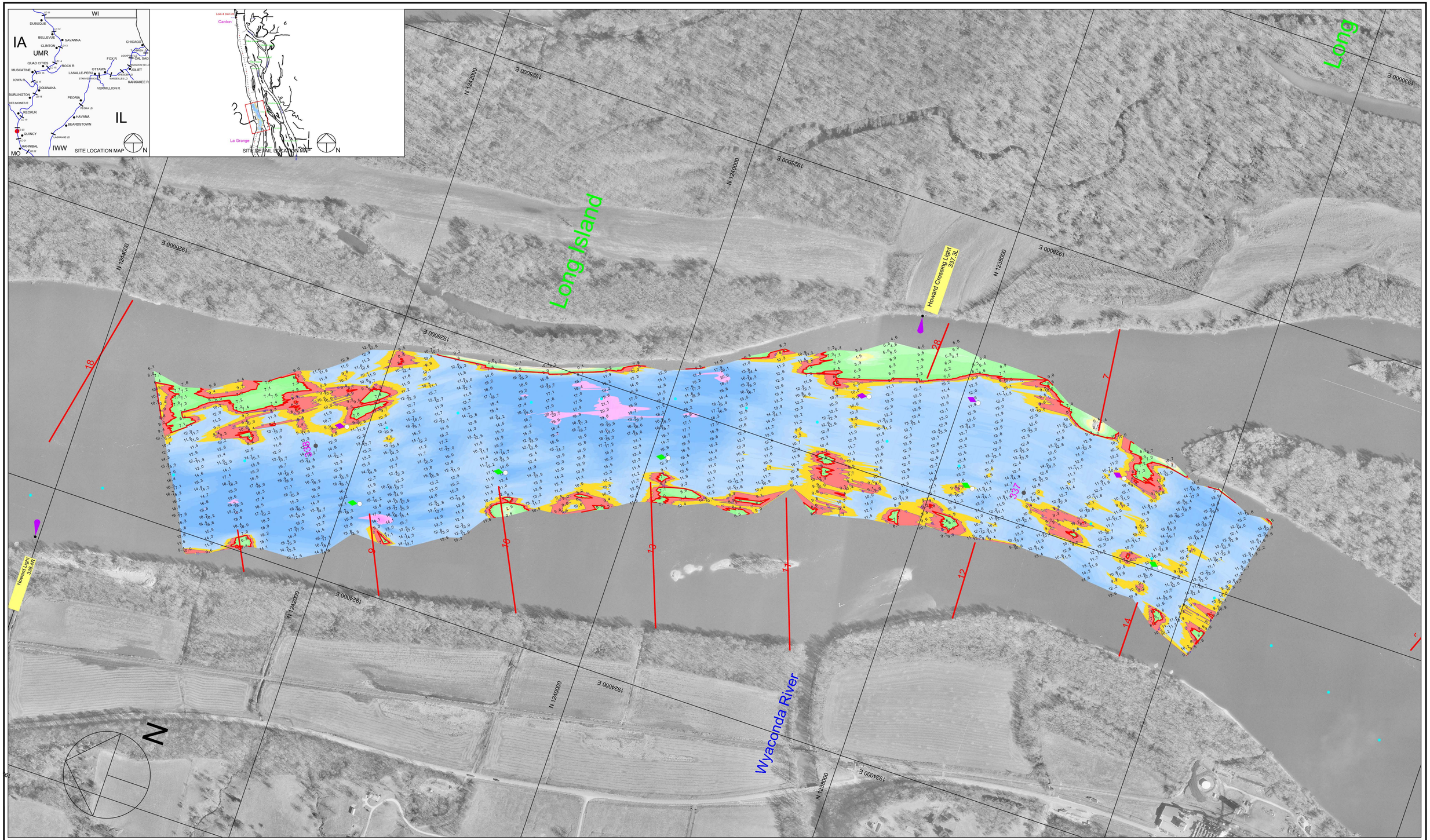

300 0 300 600 900

Scale 1" = 300'

Dual-Transducer Survey with 200 Foot Interval Coverage

Channel Contour Color Fill Legend

-10' - -1' | 0' - 1' | 2' - 3' | 4' - 8' | 9' | 10' | 11' - 19' | 20' - 29' | 30' - 50'

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: 475.0 / Water Stage: +5.0 Feet

Survey Vessel: MV Hinds
Conducted by: Ray Frana, Matt Martin and Kalvin Kalafut
Processed in Autodesk LDDT by: Bob Adams on 9 Sep 2010
File Name: UMR_21_3367-3382_10B.dwg

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

Howard's Crossing

Survey Date: 8 Sep 2010

UMR / Pool 21 - Reach River Miles: 336.7 - 338.2

M/21