Proposed mooring buoy

Lock & Dam 21

Quincy

Orton Island

Orton Island Light
323.6R

Lock 21 Pool Gauge
Zero=457.8 / LOL=12.2 / rm 324.9

Lock 21 Tail Water Gauge
Zero=457.8 / LOL=1.7 / rm 324.9

N

300 0 300 600 900

Scale 1" = 300'

Dual-Transducer Survey with 100 Foot Interval Coverage

Channel Contour Fill Legend:

-10 TO -1 FT	9 FT	11 - 19 FT
0 - 6 FT	10 FT	20 - 29 FT
7 - 8 FT		30 - 50 FT

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: 459.5
Water Surface at time of survey: 461.8 / Water Stage: +2.3 Feet

Survey Vessel: MV Hinds
Conducted by: Jim Clark and Jim Luellen
Processed in Autodesk LDDT by: Bob Adams on 30 Nov 2005
File Name: UMR_22_3237-3246_05A.dwg

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

Orton Island to Lock 21 Lower

Survey Date: 22 Nov 2005 + 2003 (lower) + 1998 (upper)
UMR / Pool 22 - Reach River Miles: 323.7 - 324.6