

# Navigation Channel Condition Status Report - 24 October 2012

IL MILE 58.3 - BOAT DOCK

CONSTRUCTION

Continuing until

**River Mile** 

301.0

St. Louis District® Marker Mississippi L&D 22 LD 22 TW = 4.26 ( -0.03) ft at 10-24-2012 15:30 3 Day Forecast = 4.3 | 4.3 | 4.3 Forecast Date 10/24/12 10:36 LD 24 Pool = 449.14 ( -0.12) ft at 10-24-2012 15:30 L&D 24 TW = **13.35** ( **0.03**) **ft** at 10-24-2012 15:30 3 Day Forecast = 13.3 | 13.3 | 13.2 Forecast Date 10/24/12 10:36 LD 25 Pool = 433.99 ( -0.13) ft at 10-24-2012 15:30 TW = 13.50 ( -0.13) ft at 10-24-2012 15:30 3 Day Forecast = 13.6 | 13.6 | 13.5 Forecast Date 10/24/12 10:36 L&D 25 223.5 Mel Price Grafton Pool = **419.28** ( **-0.22**) ft at 10-24-2012 15:30 TW = **3.54** ( **-0.20**) ft at 10-24-2012 15:30 3 Day Forecast = 3.4 | 3.3 | 3.3 Forecast Date 10/24/12 10:36 Mel Price Lock 27 **○**Canal Entr. <u>Lower 27</u> Stage = **0.35** ( **-0.12**) ft at 10-24-2012 15:30 3 Day Forecast = 0.3 | 0.5 | 0.4 <u>183</u> Forecast Date 10/24/12 11:56 St. Louis <u>173 0 171</u> MILE 180.0 - BRIDGE MAINTENANCE Eads Bridge; Due to a containment system, the **♦**163.5 vertical clearance in the right descending **♦**160.7 (Missouri) span has been reduced to 85.6 feet above zero on the St. Louis gage. Transit the bridge with caution.

## MILE 173.5 - 173.0 - CHANNEL CONDITION

Two nun buoys have been reported missing between approximate Miles 173.5 and 173.0. The nun buoys previously marked the channel in an area known for shoaling. Transit with caution.

## Chester

Stage = **3.34** ( **0.85**) ft at 10-24-2012 15:30 3 Day Forecast = 3.4 | 3.5 | 3.7 Forecast Date 10/24/12 10:36

## MILE 80.0 - 79.0 - CHANNEL CONDITION

The USACE reports rock pinnacles between approximate Miles 80.0 and 79.0, along the nun buoy line. The USACE advises that the pinnacles could affect vessels with a draft of 9 feet when the Grand Tower Gauge reads 2.5 feet. Transit with caution.

## Cape Girardeau

Stage = **8.26 ( 0.33) ft** at 10-24-2012 15:30 3 Day Forecast = 8.7 | 8.7 | 8.8 Forecast Date 10/24/12 10:15

### MILE 47.0 - 39.5 - CHANNEL CONDITION/SAFETY ADVISORY

The COTP Ohio valley has issued a Safety Advisory due to low water conditions in the vicinity of Thebes, Illinois. It is recommended that vessels due not meet between the Thebes Railroad Bridge, in the vicinity of Mile 43.7 and the upper end of Grays Point, in the vicinity of 7.0. Tthe USACE reports numerous submerged rock pinnacles in the Thebes area between approximate Miles 46.0 and 39.5. Mariners are urged to exercise caution in the area and to be mindful of vessel drafts, due to the changing conditions.

Stage = 9.93 ( 0.40) ft at 10-24-2012 15:00 3 Day Forecast = 10.5 | 10.8 | 10.9 Forecast Date 10/24/12 10:15

approximately Dec 31, 2012, Amherst Madison Inc. is installing a boat dock in the vicinity of Mile 58.3, RDB, Haddad River Front Park. 273.5 Work will be conducted from 0700 until 1700, Mon. through Fri. During non-working hrs the floating plant will be moored at the site and lit accordingly. The M/V LADY LOIS will monitor VHF-FM Channels 13 or 16. Transit at slowest safe 241.5 speed to minimize wake. Illinois River **LOCAL NOTICE TO MARINERS - RM 241.4** -L&D 25 CLOSURE 201 Due to ongoing construction and repair requirements, L&D 25 will be undergoing the following closures: Oct 25 0500 to Oct 28 0500 (72 hrs) Upper R. Oct 29 0700 to Oct 31 1900 (60 hrs) Lower R. Nov 2 0700 to Nov 2 1900 (12 hrs) All navigation interest should be alert for, and abide by, any special instructions that may be issued by the Lockmaster. NOTICE TO NAVIGATION - RM 185.5 - L&D 180 All navigation interests are advised that removal of the LD 27 D/S protection cell has been postponed until after 10 Dec 2012. In order to protect the damaged cell from impact, the spud barge will remain until after 10 Dec 2012. Helper boat requirements and availability HAVE CHANGED - SEE NOTICE TO NAVIGATION PN 12-15. All navigation interests are advised of an obstruction (embedded metal) at the Main Lock lower I-wall bulkhead slot, just below the I-wall miter gate. The embedded metal corner protection on the U/S side of the bulkhead slot protrudes into the lock chamber roughly 3" from the wall. It is considered a **125** hazard to passing tows and all mariners are advised from now until further notice to favor the east wall so as not to rub in this area of <u>Chester</u> the main lock. The district will advise when 110 repairs are made. **♦**101 The 1200' main lock will be closed for miter gate replacement and embedded metal **99.0** repairs from 10 Dec 2012 til 1 March 2013. During this time the 600 aux lock will be **○**87.0 open and the Government will provide the services of a helper boat to pull cuts from the 600' chamber. The auxiliary lock will have short intermittent closures between 17 Dec 2012 and 31 Dec 2012 to facilitate removal of the damaged protection cell. Specific durations and details will be announced. All navigation interests should be alert for, and abide by, any special instructions that may Cape Girardeau be issued by the Lockmaster during these 52 **SEMO Port** timeframes. MILE 55.0 - 54.0 - SUNKEN **BARGES/COTP RECOMMENDATION -UPDATE** 

Ohio River

Two sunken rock barges have been reported in the vicinity of Mile 54.6, RDB. The COTP Upper Mississippi River recommends that vessels not meet, pass or overtake between approximate Miles 55.0 and 54.0. It is also recommended that southbound tows not transit the area with more than 20 barges in tow. Mariners are requested to contact the M/V ADMIRAL via VHF-FM Channels 13 or 16, as they approach the area. Transit with caution.

### **Dredge Status**

Illinois River

**Dredge Potter** 

- Dredging at RM 66

**Dredge America** - Dredging at RM 223.5

### **Channel Marker Status**

Be aware that there may be other buoys off station/missing than the ones mentioned in this report. Mariners should use caution.

The Pathfinder is undergoing maintenance.

### Additional Risks / Concerns

All mariners are advised that the Upper Mississippi River Waterways Action Plan Zone 28 (RM 109.9 to RM 185.0) is currently in the extreme low water action phase. Due to low river levels and shifting channels, there is an increase for potential groundings. Transit at a slow speed near fleeting areas. Heavy barges should be placed in the middle of tows. Transit with extreme caution. For additional info, contact the Coast Guard Sector UMR Command Center at 314-269-2332.

Stages on the Illinois are near their minimum. Please use considerable caution when navigating on the Illinois River.

It is recommended that pilots be mindful of draft, as the river is quite low.

As the river falls, rock pinnacles at Thebes increasingly become navigation hazards. It is recommended that in the vicinity of the Thebes bridge, tows stay off the green buoy line. For a view of the rock at Thebes, Click here

**Navigation Notices** 

Local Notice to Mariners

## **Current Weather**

Highs in the high 40s to the mid 80s; Lows in the low 30s to mid 60s. Rain probable Thursday into Friday.

Hannibal, MO St. Louis, MO Cape Girardeau, MO

## Web Information

For additional info about New River Training Structures, see the link below: http://www.mvs.usace.army.mil/ navigation1/riverine.html

For the most recent channel patrol and predredge surveys, see the link below: http://www.mvs.usace.army.mil/ navigation1/Surveys.html

The new electronic Navigation charts for the Upper Mississippi River are now available online for download or to order at the below link:

http://www2.mvr.usace.army.mil/NIC2/ mrcharts.cfm

## More Status Report

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Key	
<b>•</b>	Anticipated Dredging Locations
*	Groundings
Δ	Dredge Potter
$\nabla$	Dredge Goetz
	Dredge America
Red	Very Likely to be Problematic at Low Water
Yellow	Could be Problematic at Low Water
Green	Problem Resolved

Cairo

Probable "Hot" Spots Within 4 Weeks			
River Mile Estimated Dredge ETA Problematic Date	A Dredge Complete Dredge		

Please click below to email comments or suggestions:

mvsnavstatus@usace.army.mil