US Army Corps of Engineers
St. Louis District®

# Navigation Channel Condition Status Report - 5 September 2012

**LD 22**
TW = **3.40 ( -0.15) ft** at 09-06-2012 09:30
3 Day Forecast = 3.5 | 3.7 | 3.7
Forecast Date 09/05/12 10:51

**LD 24**
Pool = **448.96 ( 0.10) ft** at 09-06-2012 09:00
TW = **12.50 ( -0.18) ft** at 09-06-2012 09:30
3 Day Forecast = 12.6 | 12.6 | 12.7
Forecast Date 09/05/12 10:51

**LD 25**
Pool = **434.04 ( -0.29) ft** at 09-06-2012 09:00
TW = **12.94 ( 0.25) ft** at 09-06-2012 09:30
3 Day Forecast = 12.5 | 12.4 | 12.5
Forecast Date 09/05/12 10:51

**Mel Price**
Pool = **419.48 ( 0.36) ft** at 09-06-2012 09:00
TW = **2.75 ( -0.06) ft** at 09-06-2012 09:30
3 Day Forecast = 2.4 | 2.3 | 2.3
Forecast Date 09/05/12 20:30

**St. Louis**
Stage = **-0.20 ( -0.16) ft** at 09-06-2012 09:30
3 Day Forecast = -0.4 | -0.6 | -0.8
Forecast Date 09/05/12 20:30

**MILE 181.2 - BRIDGE CONSTRUCTION - UPDATE**
New 1-70 Mississippi River Bridge; Superstructure erection in progress near both channel piers, horizontal clearance is approximately 1300 feet with periodic work-plant placement channelward of bridge piers, during these times horizontal clearance will be reduced to 1200 feet. After work hours, all equipment will be moored outside of navigation channel. Mariners may contact M/V FRANK PITZ via VHF-FM Channel 13 or 16 for additional information.

**MILE 181.2 - VISIBLE OBSTRUCTIONN**
A sunken barge has been reported in the vicinity of Mile 181.2, RDB, Continental Cement Facility. The barge is beginning to uncover during low water conditions. The wreck is reportedly marked with a lighted buoy displaying a quick flashing green light. Mariners are urged to exercise caution in the area.

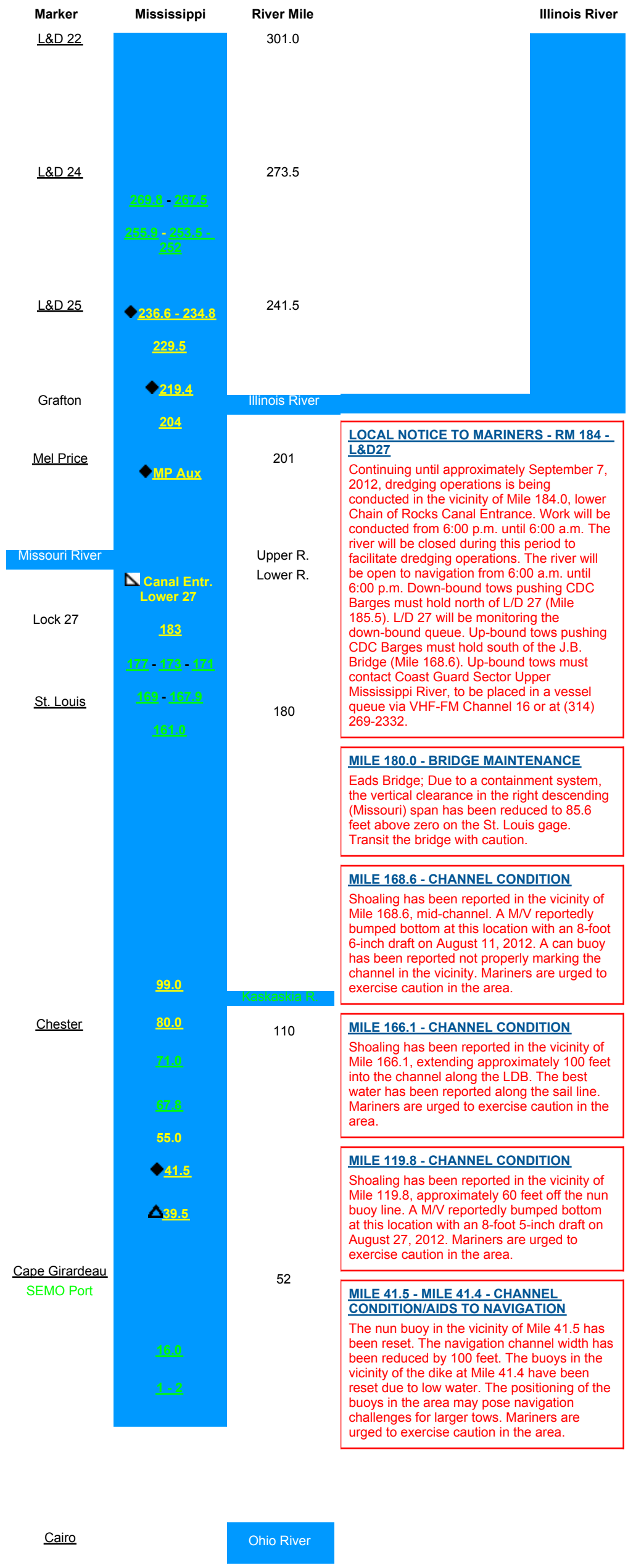
**Chester**
Stage = **3.10 ( -0.67) ft** at 09-06-2012 09:30
3 Day Forecast = 2.9 | 2.6 | 2.2
Forecast Date 09/05/12 20:30

**Cape Girardeau**
Stage = **9.42 ( -0.96) ft** at 09-06-2012 09:30
3 Day Forecast = 10 | 9.7 | 9.3
Forecast Date 09/05/12 11:38

**MILE 45.0 - CHANNEL CONDITION**
The USACE advises that the 1st nun buoy below Grays Point in the vicinity of Mile 45.0, is set in good water, A hard rock shelf is just outside of the channel in the area.

**MILE 43.0 - 41.0 - CHANNEL CONDITION**
The USACE reports rock pinnacles between approximate Miles 43.0 and 42.0, inside of the can buoy line. The USACE advises that the pinnacles could affect vessels with a draft of 9 feet when the Thebes Gauge reads 7.5 feet. The channel width between approximate Miles 42.0 and 41.0, has been reduced to approximately 300 feet. Mariners are prohibited from meeting, passing or overtaking in the area. Mariners are urged to exercise caution in the area.

**Cairo**
Stage = **9.74 ( -0.88) ft** at 09-06-2012 09:00
3 Day Forecast = 10.7 | 10.8 | 10.7
Forecast Date 09/05/12 11:38




**LOCAL NOTICE TO MARINERS - RM 184 - L&D27**
Continuing until approximately September 7, 2012, dredging operations is being conducted in the vicinity of Mile 184.0, lower Chain of Rocks Canal Entrance. Work will be conducted from 6:00 p.m. until 6:00 a.m. The river will be closed during this period to facilitate dredging operations. The river will be open to navigation from 6:00 a.m. until 6:00 p.m. Down-bound tows pushing CDC Barges must hold north of L/D 27 (Mile 185.5). L/D 27 will be monitoring the down-bound queue. Up-bound tows pushing CDC Barges must hold south of the J.B. Bridge (Mile 168.6). Up-bound tows must contact Coast Guard Sector Upper Mississippi River, to be placed in a vessel queue via VHF-FM Channel 16 or at (314) 269-2332.

**MILE 180.0 - BRIDGE MAINTENANCE**
Eads Bridge; Due to a containment system, the vertical clearance in the right descending (Missouri) span has been reduced to 85.6 feet above zero on the St. Louis gage. Transit the bridge with caution.

**MILE 168.6 - CHANNEL CONDITION**
Shoaling has been reported in the vicinity of Mile 168.6, mid-channel. A M/V reportedly bumped bottom at this location with an 8-foot 6-inch draft on August 11, 2012. A can buoy has been reported not properly marking the channel in the vicinity. Mariners are urged to exercise caution in the area.

**MILE 166.1 - CHANNEL CONDITION**
Shoaling has been reported in the vicinity of Mile 166.1, extending approximately 100 feet into the channel along the LDB. The best water has been reported along the sail line. Mariners are urged to exercise caution in the area.

**MILE 119.8 - CHANNEL CONDITION**
Shoaling has been reported in the vicinity of Mile 119.8, approximately 60 feet off the nun buoy line. A M/V reportedly bumped bottom at this location with an 8-foot 5-inch draft on August 27, 2012. Mariners are urged to exercise caution in the area.

**MILE 41.5 - MILE 41.4 - CHANNEL CONDITION/AIDS TO NAVIGATION**
The nun buoy in the vicinity of Mile 41.5 has been reset. The navigation channel width has been reduced by 100 feet. The buoys in the vicinity of the dike at Mile 41.4 have been reset due to low water. The positioning of the buoys in the area may pose navigation challenges for larger tows. Mariners are urged to exercise caution in the area.

## Dredge Status

**Dredge Potter**
- Dredging at RM 39.6, then heading to RM 41.5

**Contract Dredge**
- Dredging at the Canal Entrance / Lock 27 Lower Approach, then heading to lower Mel Price

## 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 will be headed south next week to Cairo.**

## Additional Risks / Concerns

**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 low 70s to the low 100s; Lows in the low 50s to low 70s. Scattered showers possible throufh Sautrday.

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

## 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

Please click for older status reports

**MILE 35.7 - CHANNEL CONDITION/AIDS TO NAVIGATION**
A wreck buoy marking a submerged obstruction has been reported missing in the vicinity of Mile 35.7. Mariners are urged to exercise caution in the area.

## Key

| | |
|---|---|
| ◆ | Anticipated Dredging Locations |
| ★ | Groundings |
| △ | Dredge Potter |
| ▽ | Dredge Goetz |
| ◺ | Contract Dredge LP |
| Red | Very Likely to be Problematic at Low Water |
| Yellow | Could be Problematic at Low Water |
| Green | Problem Resolved |

## Probable "Hot" Spots Within 4 Weeks

| River Mile | Estimated Problematic Date | Dredge ETA | Dredge Complete | Dredge |
|---|---|---|---|---|
| RM 184 - Canal Mouth | 28 day + | On Site | 9/10/12 | Contract Dredge LP |
| RM 200 - Mel Price Lower | 10/3/12 | 9/11/12 | 9/16/12 | Contract Dredge LP |
| 39.5 | 28 day + | 9/5/12 | 9/9/12 | Dredge Potter |
| 41.5 | 28 day + | 9/10/12 | 9/13/12 | Dredge Potter |

**Please click below to email comments or suggestions:**

mvspnavstatus@usace.army.mil

invshdvstatus@usadcc.army.mil

Generation Time: 09-06-2012 9:40