



# Navigation Channel Condition Status Report - 15 November 2012

**LD 22**  
TW = 4.31 ( 0.13) ft at 11-15-2012 14:30  
3 Day Forecast = 4 | 4 | 4  
Forecast Date 11/15/12 10:23

**LD 24**  
Pool = 448.98 ( -0.03) ft at 11-15-2012 14:30  
TW = 13.29 ( -0.04) ft at 11-15-2012 14:30  
3 Day Forecast = 13.3 | 13.3 | 13.3  
Forecast Date 11/15/12 10:23

**LD 25**  
Pool = 433.99 ( -0.03) ft at 11-15-2012 14:30  
TW = 13.73 ( -0.13) ft at 11-15-2012 14:30  
3 Day Forecast = 13.7 | 13.5 | 13.5  
Forecast Date 11/15/12 10:23

**Mel Price**  
Pool = 419.58 ( -0.04) ft at 11-15-2012 14:30  
TW = 3.73 ( 0.28) ft at 11-15-2012 14:30  
3 Day Forecast = 3.7 | 3.3 | 2.9  
Forecast Date 11/15/12 10:23

**St. Louis**  
Stage = 0.43 ( 0.77) ft at 11-15-2012 14:30  
3 Day Forecast = 0.5 | 0.1 | -0.6  
Forecast Date 11/15/12 10:23

**MILE 175.0 - CHANNEL CONDITION/AIDS TO NAVIGATION**  
A nun buoy has been reported not properly marking the channel, mid-channel in the vicinity of Mile 175.0. Transit 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 a channel area known for shoaling. Transit with caution.

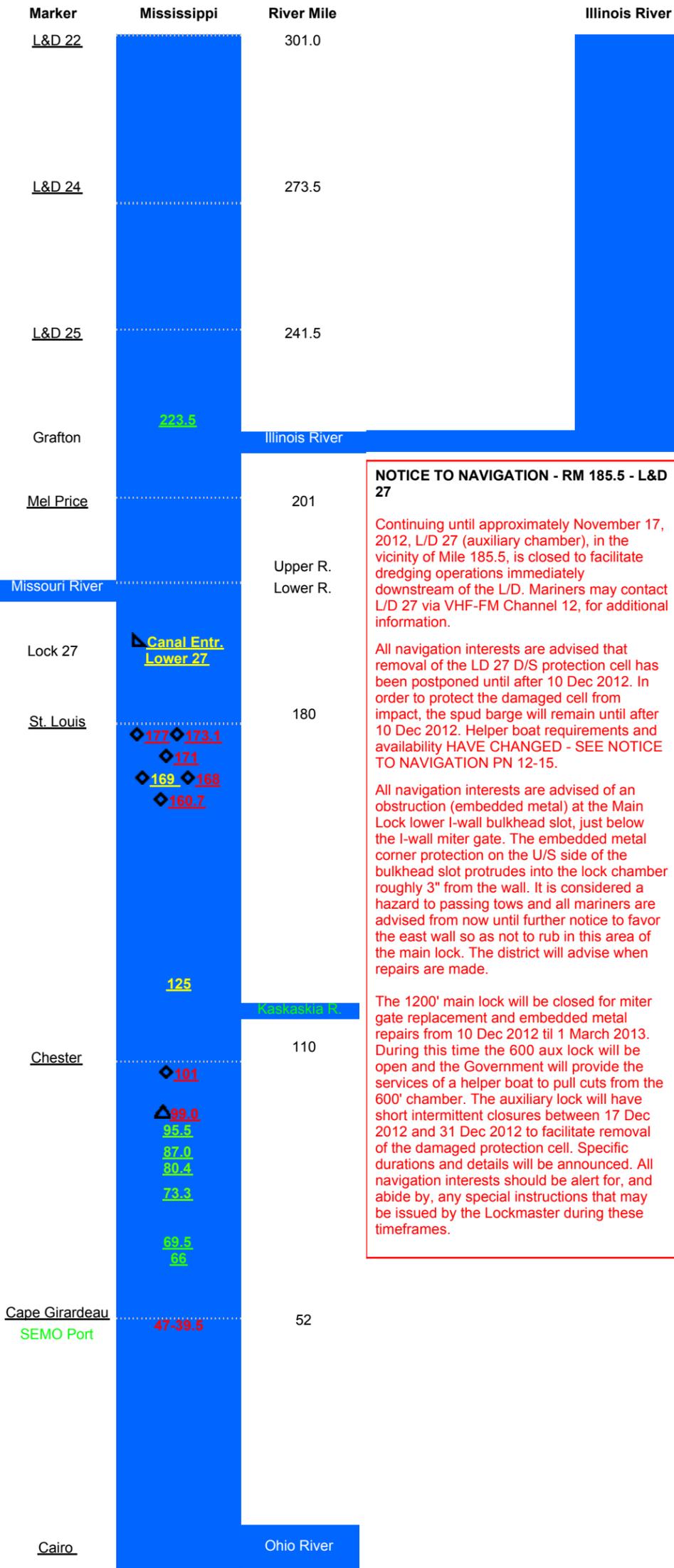
**Chester**  
Stage = 2.73 ( 0.63) ft at 11-15-2012 14:30  
3 Day Forecast = 3.1 | 3.2 | 2.8  
Forecast Date 11/15/12 10:23

**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 = 7.89 ( 0.05) ft at 11-15-2012 14:30  
3 Day Forecast = 8.3 | 8.7 | 8.7  
Forecast Date 11/15/12 10:38

**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. Additionally the USACE reports numerous submerged rock pinnacles between approximate Miles 43.0 and 42 that could affect vessels with a 9-foot draft when the Thebes Gauge a 7 feet. Mariners are urged to exercise caution in the area and to be mindful of vessel drafts, due to the changing conditions.

**Cairo**  
Stage = 12.90 ( 0.10) ft at 11-15-2012 14:00  
3 Day Forecast = 12.9 | 13.5 | 14.2  
Forecast Date 11/15/12 10:38



**NOTICE TO NAVIGATION - RM 185.5 - L&D 27**  
Continuing until approximately November 17, 2012, L/D 27 (auxiliary chamber), in the vicinity of Mile 185.5, is closed to facilitate dredging operations immediately downstream of the L/D. Mariners may contact L/D 27 via VHF-FM Channel 12, for additional information.  
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 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 the main lock. The district will advise when repairs are made.

The 1200' main lock will be closed for miter gate replacement and embedded metal repairs from 10 Dec 2012 til 1 March 2013. During this time the 600 aux lock will be 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 be issued by the Lockmaster during these timeframes.

**Dredge Status**  
**Dredge Potter**  
- Dredging at RM 99.0  
**Dredge America**  
- Dredging at Lower Canal Entrance/ L&D27

**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 heading south to Memphis.**

**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 low 50s to the low 60s; Lows in the high 20s to mid 40s. Chance of rain Monday night into Tuesday to the south.  
[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**  
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**Key**

|        |  |
|--------|--|
| ◇      | Anticipated Dredging Locations             |
| ★      | Groundings                                 |
| △      | Dredge Potter                              |
| ▽      | Dredge Goetz                               |
| ▴      | Dredge America                             |
| 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        |
|------------|----------------------------|------------|-----------------|---------------|
| 99.0       | 12/4/12                    | on site    | 11/16/12        | Dredge Potter |
| 171.0      | 12/5/12                    | 11/28/12   | 12/1/12         | Dredge Potter |
| 173.1      | 12/5/12                    | 12/2/12    | 12/3/12         | Dredge Potter |
| 101.0      | 12/6/12                    | 11/17/12   | 11/22/12        | Dredge Potter |
| 177.0      | 12/10/12                   | 12/4/12    | 12/4/12         | Dredge Potter |
| 160.7      | 12/10/12                   | 11/23/12   | 11/25/12        | Dredge Potter |
| 168.0      | 12/10/12                   | 11/26/12   | 11/27/12        | Dredge Potter |

Please click below to email comments or suggestions:  
[mvsnavstatus@usace.army.mil](mailto:mvsnavstatus@usace.army.mil)