US Army Corps of Engineers
St. Louis District®

Navigation Channel Condition Status Report - 27 December 2012

LD 22
TW = **4.01 (0.36) ft** at 12-27-2012 09:30
3 Day Forecast = 3.6 | 3.5 | 3.4
Forecast Date 12/26/12 10:12

LD 24
Pool = **449.30 (0.32) ft** at 12-27-2012 09:30
TW = **12.63 (-0.18) ft** at 12-27-2012 09:30
3 Day Forecast = 13 | 12.9 | 12.9
Forecast Date 12/26/12 10:12

LD 25
Pool = **433.91 (-0.04) ft** at 12-27-2012 09:30
TW = **13.01 (-0.46) ft** at 12-27-2012 09:30
3 Day Forecast = 13.1 | 13 | 12.8
Forecast Date 12/26/12 10:12

Mel Price
Pool = **419.42 (-0.32) ft** at 12-27-2012 09:30
TW = **1.92 (-0.92) ft** at 12-27-2012 09:30
3 Day Forecast = 2.1 | 2 | 1.8
Forecast Date 12/26/12 20:10

St. Louis
Stage = **-2.78 (-1.00) ft** at 12-27-2012 09:30
3 Day Forecast = -2.9 | -3.4 | -3.8
Forecast Date 12/26/12 20:10

MILE 167.5 - CHANNEL CONDITION
Shoaling has been reported in the vicinity of Mile 167.5, RDB.0. Transit with caution.

MILE 154.0 - AIDS TO NAVIGATION
Two can buoys have been reported missing in the vicinity of Mile 154.0. Transit with caution.

MILE 142.5 - AIDS TO NAVIGATION
A nun buoy has been reported not properly marking the channel, mid-channel, in the vicinity of Mile 142.5. Transit with caution.

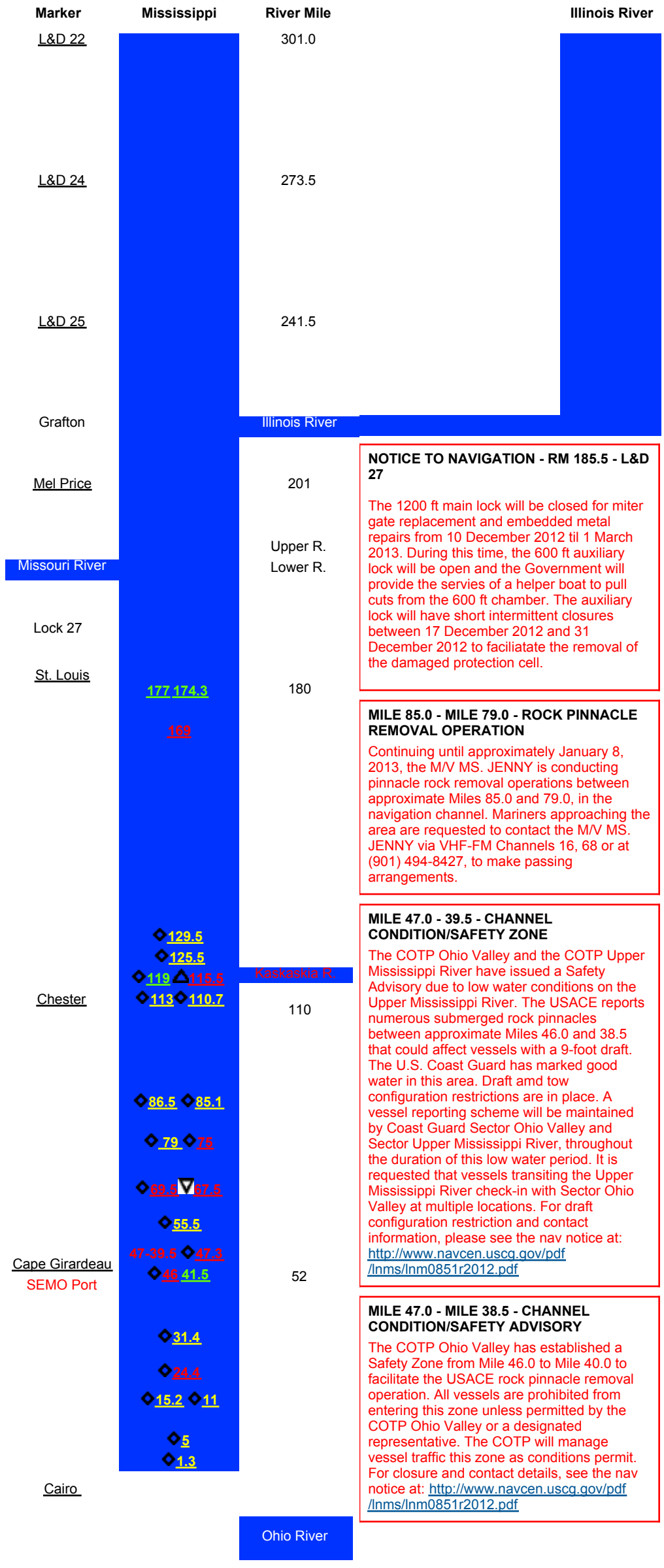
Chester
Stage = **1.11 (-0.13) ft** at 12-27-2012 09:30
3 Day Forecast = 0.5 | 0 | -0.3
Forecast Date 12/26/12 20:10

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 = **7.37 (0.04) ft** at 12-27-2012 09:30
3 Day Forecast = 7.3 | 6.7 | 6.3
Forecast Date 12/26/12 12:55

MILE 42.5 - MILE 42.3 - AIDS TO NAVIGATION
Two nun buoys have been reported missing between approximate Miles 42.5 and 42.3. Transit with caution.

Cairo
Stage = **26.68 (0.48) ft** at 12-27-2012 09:00
3 Day Forecast = 27 | 27.2 | 26.9
Forecast Date 12/26/12 10:37



NOTICE TO NAVIGATION - RM 185.5 - L&D 27

The 1200 ft main lock will be closed for miter gate replacement and embedded metal repairs from 10 December 2012 til 1 March 2013. During this time, the 600 ft auxiliary lock will be open and the Government will provide the servies of a helper boat to pull cuts from the 600 ft chamber. The auxiliary lock will have short intermittent closures between 17 December 2012 and 31 December 2012 to faciliatate the removal of the damaged protection cell.

MILE 85.0 - MILE 79.0 - ROCK PINNACLE REMOVAL OPERATION

Continuing until approximately January 8, 2013, the M/V MS. JENNY is conducting pinnacle rock removal operations between approximate Miles 85.0 and 79.0, in the navigation channel. Mariners approaching the area are requested to contact the M/V MS. JENNY via VHF-FM Channels 16, 68 or at (901) 494-8427, to make passing arrangements.

MILE 47.0 - 39.5 - CHANNEL CONDITION/SAFETY ZONE

The COTP Ohio Valley and the COTP Upper Mississippi River have issued a Safety Advisory due to low water conditions on the Upper Mississippi River. The USACE reports numerous submerged rock pinnacles between approximate Miles 46.0 and 38.5 that could affect vessels with a 9-foot draft. The U.S. Coast Guard has marked good water in this area. Draft amd tow configuration restrictions are in place. A vessel reporting scheme will be maintained by Coast Guard Sector Ohio Valley and Sector Upper Mississippi River, throughout the duration of this low water period. It is requested that vessels transiting the Upper Mississippi River check-in with Sector Ohio Valley at multiple locations. For draft configuration restriction and contact information, please see the nav notice at: http://www.navcen.uscg.gov/pdf/lnms/lnm0851r2012.pdf

MILE 47.0 - MILE 38.5 - CHANNEL CONDITION/SAFETY ADVISORY

The COTP Ohio Valley has established a Safety Zone from Mile 46.0 to Mile 40.0 to facilitate the USACE rock pinnacle removal operation. All vessels are prohibited from entering this zone unless permitted by the COTP Ohio Valley or a designated representative. The COTP will manage vessel traffic this zone as conditions permit. For closure and contact details, see the nav notice at: http://www.navcen.uscg.gov/pdf/lnms/lnm0851r2012.pdf

Dredge Status

Dredge Potter
- Dredging at RM 115.5

Dredge Hurley
- Dredging at RM 67.5

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 dockside this week.

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 and Grand Tower increasingly become navigation hazards. For more information, Click here

Navigation Notices

Local Notice to Mariners

Current Weather

Highs in the high 20s to the low 40s; Lows in the low teens to low 30s. Chance of snow Friday and Monday increasing 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

Please click for older status reports

Key

◇	Anticipated Dredging Locations
★	Groundings
△	Dredge Potter
▽	Dredge Hurley
◺	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
115.5	1/22/13	on site	12/28/12	Dredge Potter
169	1/14/13	12/29/12	1/1/13	Dredge Potter
67.5	1/14/13	on site	12/27/12	Dredge Hurley
69.5	1/22/13	12/28/12	12/30/12	Dredge Hurley
75	1/20/13	12/31/12	1/1/13	Dredge Hurley
47.3	1/16/13	1/2/13	1/4/13	Dredge Hurley
46	1/20/13	1/5/13	1/7/13	Dredge Hurley
24.4	1/18/13	1/12/13	1/13/13	Dredge Hurley

Please click below to email comments or suggestions:

mvsnavstatus@usace.army.mil

Generation Time: 12-27-2012 9:52