



Navigation Channel Condition Status Report - December 9, 2020

Lock and Dam 22
 TW Current = 5.7 ft.
 TW 1 Wk Forecast = 5.3 ft.
 TW 2 Wk Forecast = 4.9 ft.

RM 273.4 - L/D 24 RESTRICTION
 Lock 24's lower guidwall end cell will be under repair from 1/4/21-2/4/21. While under repair, no vessel will be allowed to utilize the lower guidwall end cell as work platforms will be extending from the cell for approx. 8 ft. Mariners should be alert for and abide by any special instructions from the lockmaster.

Lock and Dam 24
 TW Current = 15.6 ft.
 TW 1 Wk Forecast = 15.0 ft.
 TW 2 Wk Forecast = 14.6 ft.

Lock and Dam 25
 TW Current = 15.3 ft.
 TW 1 Wk Forecast = 14.7 ft.
 TW 2 Wk Forecast = 14.3 ft.

Mel Price Locks and Dam
 TW Current = 4.5 ft.
 TW 1 Wk Forecast = 3.6 ft.
 TW 2 Wk Forecast = 3.0 ft.

RM 200.5 - MEL PRICE L/D RESTRICTION
 The bullnose protection armor for the lower long wall of the Mel Price L/D (Main Chamber) is experiencing deterioration. Continuing until further notice, all tows transiting the main lock are requested to stay off the lower long wall bullnose.

RM 185.1 - LOCK 27 CLOSURE
 Liftgate chain replacement closures will occur at Lock 27 on: Auxiliary Lock 1/11/21 at 0600 to 1/29/21 at 1800, Main Lock 2/1/21 at 0600 to 2/18/21 at 1800.

St. Louis
 Gage = 2.8 ft.
 Stage 1 Wk Forecast = 1.5 ft.
 Stage 2 Wk Forecast = 0.6 ft.

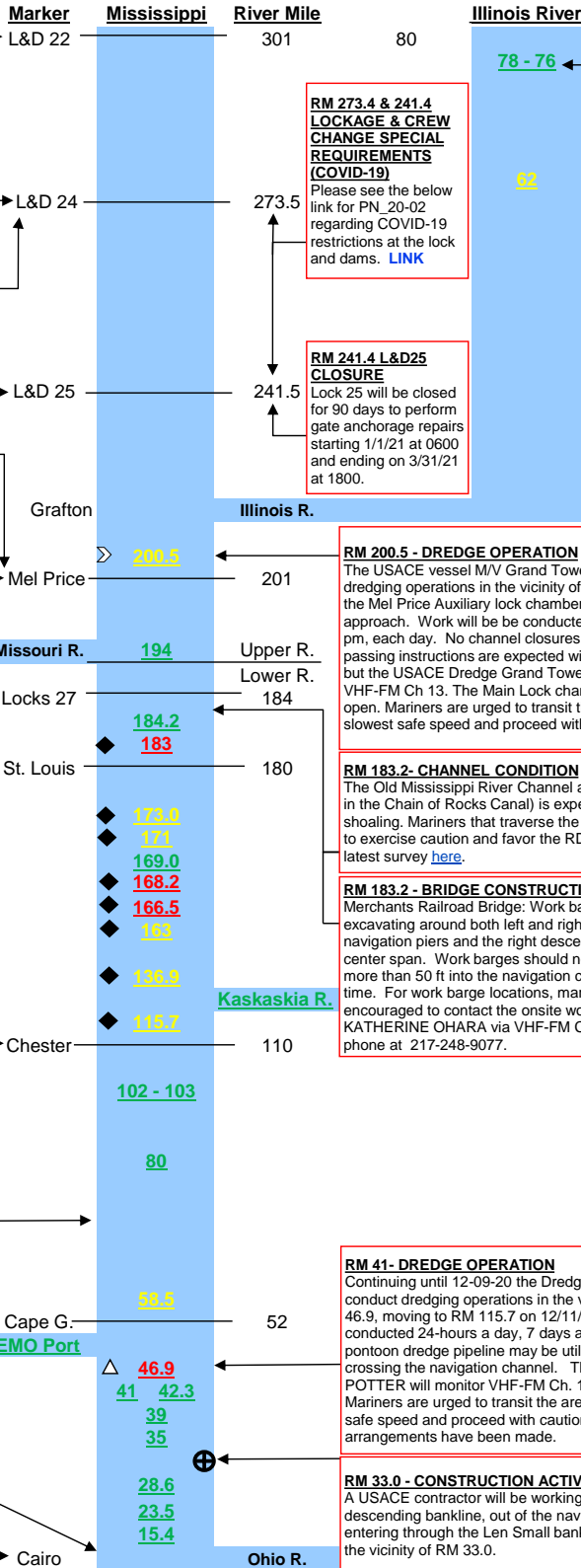
Chester
 Gage = 6.9 ft.
 Stage 1 Wk Forecast = 4.7 ft.
 Stage 2 Wk Forecast = 3.5 ft.

RM 69.15 - CHANNEL CONDITION
 Weir 69.15 R has some high points that are due to be degraded as soon as a contractor can be mobilized to the site. There is currently 9-ft draft over the top of the structure at a Cape Girardeau gage reading of 6.3. Mariners are advised to be mindful of their draft as they traverse the area.

Cape Girardeau
 Gage = 14.0 ft.
 Stage 1 Wk Forecast = 11.5 ft.
 Stage 2 Wk Forecast = 9.9 ft.

RM 7.5 - NAVIGATION OBSTRUCTION
 A shoal has been reported in the vicinity of Mile 7.5, I-57 Bridge (LLNR-17635), in the alternate channel. Mariners are advised to utilize the main channel span and transit the area with caution. Mariners are advised that the green lights marking the alternate span, have been permanently extinguished. Mariners are advised to use the main channel span until further notice.

Cairo
 Gage = 22.5 ft.
 Stage 1 Wk Forecast = 17.9 ft.
 Stage 2 Wk Forecast = 15.4 ft.



RM 273.4 & 241.4 LOCKAGE & CREW CHANGE SPECIAL REQUIREMENTS (COVID-19)
 Please see the below link for PN 20-02 regarding COVID-19 restrictions at the lock and dams. [LINK](#)

RM 241.4 L&D25 CLOSURE
 Lock 25 will be closed for 90 days to perform gate anchorage repairs starting 1/1/21 at 0600 and ending on 3/31/21 at 1800.

RM 200.5 - DREDGE OPERATION
 The USACE vessel M/V Grand Tower is conducting dredging operations in the vicinity of Mile 200.5 at the Mel Price Auxiliary lock chamber downstream approach. Work will be conducted from 6 am to 6 pm, each day. No channel closures or special passing instructions are expected with this operation but the USACE Dredge Grand Tower will monitor VHF-FM Ch 13. The Main Lock chamber will be open. Mariners are urged to transit the area at their slowest safe speed and proceed with caution.

RM 183.2 - CHANNEL CONDITION
 The Old Mississippi River Channel at RM 183.5 (not in the Chain of Rocks Canal) is experiencing shoaling. Mariners that traverse the area are advised to exercise caution and favor the RDB. See the latest survey [here](#).

RM 183.2 - BRIDGE CONSTRUCTION
 Merchants Railroad Bridge: Work barges continue excavating around both left and right descending navigation piers and the right descending pier of the center span. Work barges should not encroach more than 50 ft into the navigation channel at any time. For work barge locations, mariners are encouraged to contact the onsite work boat M/V KATHERINE OHARA via VHF-FM Ch 6 or 16 or by phone at 217-248-9077.

RM 41 - DREDGE OPERATION
 Continuing until 12-09-20 the Dredge Potter will conduct dredging operations in the vicinity of RM 46.9, moving to RM 115.7 on 12/11/20. Work will be conducted 24-hours a day, 7 days a week. A pontoon dredge pipeline may be utilized and crossing the navigation channel. The Dredge POTTER will monitor VHF-FM Ch. 13 or 16. Mariners are urged to transit the area at their slowest safe speed and proceed with caution, after passing arrangements have been made.

RM 33.0 - CONSTRUCTION ACTIVITIES
 A USACE contractor will be working along the left descending bankline, out of the navigation channel entering through the Len Small bankline breach in the vicinity of RM 33.0.

RM 76-78 - CHANNEL CONDITION
 The navigation channel is narrow in between RMs 76-78. It is recommended that mariners stay in the center of the channel and avoid passing if possible. See attached survey.

Dredge Status:
Dredge Potter: Currently at Mississippi RM 46.9 and moving to RM 115.7 on 12/11.
Grand Tower Mechanical Dredge: Working at RM 200.5 at the Mel Price Auxiliary Lock downstream approach.

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.
 For ATON or Buoy issues please contact SUMRWaterways@uscg.mil or 319-520-8556.
Pathfinder: Running a lower river channel patrol this week and then assisting the dredge Potter.

Additional Risks / Concerns
CONTROLLING DEPTH OPEN RIVER
 St. Louis - Herculaneum (RM 185-152) Mile 182.7, Below Merchants Bridge LWRP 6.2, or 9 ft at St. Louis gage of -0.4
 Herculaneum-Grand Tower (RM 152-80) Mile 115.7, Farmers Landing, LWRP 7.5, 9-ft at Chester gage of 2.1
 Grand Tower - Cairo (RM 80 - 0) Mile 69.15, Vancil Towhead, LWRP 8.0 or 9-ft at Cape Girardeau gage of 6.3

Navigation Notices
Local Notice to Mariners

Weather
 Highs from the mid 30s to the low 60s, lows from the low 20s to the low 50s. Chance of rain Friday and Saturday.

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

Web Information
 For additional River Training Structure information, see the links below:
Current Construction
Recently Completed Construction
 For open Regulatory Public Notices, See the link below:
Regulatory Public Notices
 For the most recent channel patrol and pre or post dredge surveys, see the links below:

Channel Patrol Surveys
Dredge Surveys
 Electronic Navigation charts for the Upper Mississippi River are available online for download or to order at the below link:
Electronic Charts

More Status Reports
Click for older status reports

Key:

- ⊕ Current Construction Location
- ◆ Anticipated Dredging Locations
- ☆ Groundings
- △ Dredge Potter
- ▽ Dredge Goetz
- Mechanical
- Dredge Bill
- ◊ Holman

Very Likely to be Problematic at Low Water
Could be Problematic at Low Water
Problem Resolved/Not Problematic

[Please email comments or suggestions to dawn.lamm@usace.army.mil](mailto:dawn.lamm@usace.army.mil)

Probable Dredge Areas						
River Mile	Problematic On:	Dredge ETA	Dredge Complete	Dredge		
200.5	+28 days	30-Nov	15-Dec	Mechanical		
46.9	+28 days	5-Dec	9-Dec	Potter		
115.7	+28 days	11-Dec	13-Dec	Potter		
163.0	+28 days	14-Dec	15-Dec	Potter		
166.5	+28 days	16-Dec	17-Dec	Potter		
168.0	+28 days	18-Dec	20-Dec	Potter		
173.0	+28 days	21-Dec	22-Dec	Potter		
182.8	28 days	23-Dec	27-Dec	Potter		