

LOCKS NO. 27 UMR MILE 185 MISSISSIPPI RIVER
FAILURE OF MAIN LOCK MITER GATE DIAGONAL TENSION RODS
DAILY STATUS REPORT

AUGUST 5, 2004

[Changes since last Report in blue](#)

TOWS WAITING @ 0600

32 Northbound
13 Southbound

Locked 17 tows in the last 24 hours.

SCHEDULE

DEWATER LOCK CHAMBER

Due to predicted rise in river elevation along with duration of that rise, dewatering to sill elevation will not be possible without greatly extending closure period. Therefore, chamber will be held at the maximum drawdown elevation allowable during gate inspection then allowed to rise during completion of repairs to top end of diagonals. .

INSPECTION OF MITER GATES

Inspection of miter gates is ongoing and should be completed today. See photos attached to e-mail. Following inspection determination as to need/extent of additional repairs will be made. At that point we will issue revised schedule on completion of closure.

REPAIR OF MITER GATE DIAGONAL TENSION RODS

Yesterday 4 rods were installed on the quoin end of the east leaf. We will continue to install rods today working around gate inspection work. A total of 16 rods are to be installed. The gate will then be re-tensioned.

REWATERING OF LOCK CHAMBER

Following stressing of miter gates lock chamber will be rewatered by pulling bulkheads to permit controlled flooding of chamber.