

MISSISSIPPI RIVER 2003 NAVIGATION NOTICE

NUMBER	DATE	SUBJECT/LOCATION	EFFECTIVE DATE
MR 03-01	21-Apr-03	MISSISSIPPI RIVER, LOCK CLOSURE, LOCK AND DAM 16, UMR MILE 457.0	6-May-04
MR 03-02	13-Jun-03	WATER LEVEL DRAWDOWN, MISSISSIPPI RIVER, LOCK AND DAM 13, UMR MILE 523.0	16-Jun-2003 until further notice
MR 03-03	10-Jun-03	LOCK CLOSURE, LOCK AND DAM 22, MISSISSIPPI RIVER, UMR MILE 301.1	15-Dec-2003 to 15- Mar-2004
MR 03-04	9-Jul-03	MISSISSIPPI RIVER, STRIKE REMOVAL, UMR MILE 533.4	9-Jul-2003 to 7- Aug-2003
MR 03-05	16-Jul-03	MISSISSIPPI RIVER, STRIKE REMOVAL, UMR MILE 533.9	15-Jul-2003 to 7-Aug-2003
MR 03-06	24-Aug-03	LOCK CLOSURE, MISSISSIPPI RIVER, LOCK AND DAM 15, AUXILIARY LOCK, UMR MILE 483.0	until further notice
MR 03-07	7-Aug-03	MISSISSIPPI RIVER, DREDGING, UMR MILE 350.9	09-Aug-2003 until further notice
MR 03-08	14-Aug-03	LOCK CLOSURE, LOCK AND DAM 15, AUXILIARY CHAMBER, MISSISSIPPI RIVER, UMR MILE 483.0	18-Aug-03
MR 03-09	20-Aug-03	MISSISSIPPI RIVER, UMR MILE 480.6, RIVER CLOSED TO 15 BARGE TOWS	20-22 Aug 2003
MR 03-10	25-Aug-03	MISSISSIPPI RIVER, DREDGING, UMR MILE 481.0	25-Aug-2003 to 5-Sept-2003
MR 03-11	5-Sep-03	MISSISSIPPI RIVER, DREDGING, OQUAWKA, IL UMR MILES 414.7 – 415.1, FURNAL ISLAND, UMR MILES 413.5 – 413.7	6-Sept-2003 until further notice
MR 03-12	9-Sep-03	MISSISSIPPI RIVER, DREDGING, UMR MILE 472.0	10-19 Sept 2003
MR 03-13	11-Sep-03	MISSISSIPPI RIVER, STRIKE REMOVAL, UMR MILE 312.0	11-25 Nov 2003
MR 03-14	17-Sep-03	MISSISSIPPI RIVER, DREDGING, UMR MILE 425.5	18-Sept-2003 to 02-Oct-2003

MISSISSIPPI RIVER 2003 NAVIGATION NOTICE

NUMBER	DATE	SUBJECT/LOCATION	EFFECTIVE DATE
MR 03-15	19-Sep-03	MISSISSIPPI RIVER, DREDGING, UMR MILE 481.0	20-25 Sept 2003
MR 03-16	22-Sep-03	MISSISSIPPI RIVER, MECHANICAL DREDGING (STRIKE REMOVAL), LOWER APPROACH TO LOCK 19, UMR MILE 363.9	23-25 Sept 2003
MR 03-17	23-Sep-03	MISSISSIPPI RIVER, LOCK CLOSURE, LOCK 19, UMR MILE 364.2	14-15 Oct 2003
MR 03-18	1-Oct-03	MISSISSIPPI RIVER, DREDGING, UMR MILE 595.2	1-Oct-2003 until further notice
MR 03-19	2-Oct-03	MISSISSIPPI RIVER, LOCK CLOSURE, LOCK AND DAM 17, UMR MILE 437.1	15-16 Oct 2003
MR 03-20	2-Oct-03	MISSISSIPPI RIVER, LOCK CLOSURE, LOCK AND DAM 22, UMR MILE 301.1	28-29 Oct 2003
MR 03-21	6-Oct-03	MISSISSIPPI RIVER, MECHANICAL DREDGING (STRIKE REMOVAL), LOCK AND DAM 15, LOWER AUXILIARY, UMR MILE 483.0	7-Oct-2003 until further notice
MR 03-22	8-Oct-03	MISSISSIPPI RIVER, DREDGING, UMR MILE 320.1	8-Oct-2003 until further notice
MR 03-23	27-Oct-03	UPPER MISSISSIPPI RIVER ICE CONDITIONS, UMR MILE 301.2 - 615.1, LEGAL NOTICE TO NAVIGATION	
MR 03-24	4-Nov-03	MISSISSIPPI RIVER, MECHANICAL DREDGING, UMR MILES 300.1 – 300.7	4-Oct-2003 until further notice
MR 03-25	5-Dec-03	LOCK CLOSURE, LOCKS AND DAM 15, MISSISSIPPI RIVER, UMR MILE 483.0	15-Dec-2003 to 28-Feb-2004
MR 03-26	5-Dec-03	WINTER LOCKAGE HOURS, MISSISSIPPI RIVER, LOCKS 11 – 22	15-Dec-2003 to 15-Mar-2004



US ARMY CORPS
OF ENGINEERS
ROCK ISLAND
DISTRICT

Navigation Notice

River:
MISSISSIPPI RIVER

Date:
21 APRIL 2003

Location:
UMR MILE 457.0

Effective Period:
SEE BELOW

In Reply Refer to:
OD-MV

**MISSISSIPPI RIVER,
LOCK CLOSURE,
LOCK AND DAM 16, UMR MILE 457.0**

LOCK AND DAM No. 16, UMR Mile 457.0, will be closed to all river traffic on 6 MAY from 0700 hours to 1900 hours for the purpose of replacing the bonnet on the #2 miter gate.

Towboat operators are requested NOT to tie up on the guidewalls during these closure periods.

FOR THE DISTRICT ENGINEER:

**Steven D. Russell, P.E.
Assistant Chief, Operations Division**

MR 03 - 01



US ARMY CORPS
OF ENGINEERS
ROCK ISLAND
DISTRICT

Navigation Notice

River:
MISSISSIPPI RIVER

Date:
13 JUNE 2003

Location:
LOCK AND DAM 13
UMR MILE 523.0

Effective Period:
SEE BELOW

In Reply Refer to:

For Navigation Issues : Bill Gretten, 309 794-4512 or Dennis Shannon, 309 794-4580

For Environmental Issues : Kevin Landwehr, 309 794-5578 or Charlene Carmack, 309 794-5570

WATER LEVEL DRAWDOWN, MISSISSIPPI RIVER LOCK AND DAM 13, UMR MILE 523.0

The Rock Island District of the U.S. Army Corps of Engineers is initiating a modification of its normal regulation plan for Mississippi River Pool 13. This modification will involve lowering the pool level at Lock and Dam 13 by 1.0 foot below the normal summer flat pool elevation of 583.0 feet mean sea level (m.s.l.).

The District was requested to modify its operating plan by the Fish and Wildlife Interagency Committee (FWIC), a group comprised of representatives of Federal and State natural resource agencies having management responsibilities on the Upper Mississippi River System. The purpose of the modification is to stimulate increased production of aquatic and wetland plants for the benefit of fish and wildlife resources.

Initiation of the modification is expected to begin on **June 16, 2003**. As currently planned, lowering of the pool to the target elevation of 582.0 feet m.s.l. at the dam will take place over an approximate 5-day period. Once the target elevation is reached, the District will attempt to maintain the lower pool elevation for a continuous 30-day period. At the end of the drawdown period, the pool will be gradually returned to the normal summer operating level of 583.0 feet m.s.l. over a period of 5 to 10 days.

This modification is expected to be achieved if river discharges in Pool 13 remain at or above 50,000 cubic feet per second (cfs) throughout the time period indicated above. If the discharge drops below 50,000 cfs and is forecast to continue dropping, the District will return to the normal regulation plan to avoid potential impacts to commercial navigation.

Effects on river levels are expected to be greatest immediately above Dam 13 and should decrease with distance upstream from the dam. Residents and users of Pool 13 from Sabula, Iowa, south to Lock and Dam 13 will experience reduced water levels and increased velocity during this test period. Use of the navigation channel should not be affected by this modification.

Problems are not anticipated, but if any occur contact one of the following : For Navigation Issues : Bill Gretten, 309 794-4512 or Dennis Shannon, 309 794-4580 For Environmental Issues : Kevin Landwehr, 309 794-5578 or Charlene Carmack, 309 794-5570. Further information is provided on the reverse side of this Navigation Notice.

FOR THE DISTRICT COMMANDER:

Steven D. Russell, P.E.
Assistant Chief, Operations Division

MR 03-02

FACT SHEET

WATER LEVEL DRAWDOWN FOR ENVIRONMENTAL RESTORATION MISSISSIPPI RIVER, POOL 13

INITIATIVE: The Fish and Wildlife Interagency Committee (FWIC) has requested the Rock Island District for a temporary deviation in the regulation plan for Lock and Dam 13 at Fulton, Illinois, to benefit environmental resources. The FWIC requested that the District attempt a 1-foot drawdown below the normal operating band for a continuous 30 day period between the dates of June 15 and August 15, 2003.

ANTICIPATED BENEFITS: The drawdown is expected to increase moist soil plant production, promote sediment oxidation and compaction, and expand the photic zone for submersed vegetation, thereby providing conditions beneficial to fish and wildlife resources in the lower portion of Pool 13. Staff of the Rock Island District and the Environmental Management Technical Center (EMTC) estimated that approximately 440 acres in the lower pool could be dewatered by a 1-foot drawdown at the dam. Additional acreage could indirectly benefit from this action.

LIMITATIONS: In order to avoid closure of the navigation channel, or the need for additional dredging, the drawdown would only be conducted if the flow is between, and forecast to remain between, 50,000 and 110,000 cubic feet per second. Below 50,000 cfs the reliability of the navigation channel would be threatened, above 110,000 cfs open river conditions would prevail. Based on historical flow records, it appears that a continuous 30-day drawdown could be achieved in approximately one out of three years.

AUTHORITY: Because a 1-foot drawdown of Pool 13 would fall outside the authorized operating range for this pool, the District will request permission from MVD to deviate from the authorized operating plan. An Environment Assessment was prepared to address the effects of the proposed action and ensure compliance with NEPA and other applicable environmental laws and regulations. Although initially proposed as a one-time deviation, the potential exists for the drawdown to be implemented on a recurring basis in future years, if expected benefits are realized and no significant adverse effects occur.

OTHER AGENCY INVOLVEMENT: The FWIC's Water Level Management Subgroup, comprised of representatives from the U.S. Fish and Wildlife Service, the Iowa DNR, and Illinois DNR, with support from the Environmental Management Technical Center (EMTC) and participation by local representatives of Non-Government Organizations, formulated the proposal and is the primary point of contact. The Subgroup took the lead in public involvement, contacting local residents, and coordinating with local recreational groups. Representatives of the State resource agencies and EMTC initiated a monitoring program to measure environmental response to the drawdown.

TIME FRAME: The Environmental Assessment (EA) was completed in the spring of 1998. Implementation of the drawdown will be between June 16 and August 9, 2003. If flow conditions in Pool 13 do not allow successful implementation in 2003, it is expected that the drawdown could be attempted again in the following year.

RESULTS: The effects of the drawdown will be monitored by the state and federal resource agencies and the Environmental Management Technical Center. An assessment of the affected acreage and the drawdown's effects on terrestrial and aquatic habitats will be made by the FWIC, who will be responsible for distributing information to all interested parties. Assuming a drawdown is successfully implemented in the summer of 2003, results are not expected to be available until early 2004.

PAST RESULTS: a 1-foot drawdown of Pool 13 was established on June 21, 1998, and was maintained until July 3, 1998 when rising river levels forced the dam out of operation. The dam was returned to operation and the drawdown was re-established on July 11, 1998. On July 17, 1998, the decision was made to discontinue the drawdown due to declining flows. Normal operation of Lock & Dam 13 was resumed on July 21, 1998. A second attempt to establish a 1-foot drawdown of Pool 13 was initiated on July 9, 2001. This attempt was discontinued due to declining flows and normal operation of Lock and Dam 13 was resumed on July 15, 2001.



**US ARMY CORPS
OF ENGINEERS
ROCK ISLAND
DISTRICT**

Navigation Notice

River:	Date:
MISSISSIPPI RIVER	10 June 2003

Location:	Effective Period:
LOCK AND DAM 22, UMR MILE 301.1	SEE BELOW

In Reply Refer to:
OD-MV

**LOCK CLOSURE, LOCK AND DAM 22
MISSISSIPPI RIVER, UMR MILE 301.1**

LOCK No. 22, UMR Mile 301.1, will be closed to navigation from 0730 on 15 December 2003 to 0730 on 15 March 2004 for repair of all four miter gates. The lock chamber will be bulkheaded and all four gates removed for repair during this period.

Towboat operators are requested NOT to tie up on the guidewalls during this closure period.

FOR THE DISTRICT COMMANDER:

**George L. Hardison
Chief, Technical Support Branch,
Operations Division**



**US ARMY CORPS
OF ENGINEERS**
ROCK ISLAND
DISTRICT

Navigation Notice

River:
MISSISSIPPI RIVER

Date:
09 JULY 2003

Location:
UMR MILE 533.4

Effective Period:
SEE BELOW

In Reply Refer to:
OD-T

MISSISSIPPI RIVER

STRIKE REMOVAL, UMR MILE 533.4

Strike Removal operations commenced on 9 July 2003 and will continue until approximately 7 August 2003 at UMR Mile 533.4, left descending bank. The work will be conducted 5 days a week, Monday through Friday, 10 hours per day, 0700 to 1700 hours.

For passing instructions mariners are requested to contact the MV Muscatine on channel 13, 16, or 82, 30 minutes in advance of arrival.

CAUTION is advised while transiting the area.

FOR THE DISTRICT ENGINEER:

**George L. Hardison
Acting Assistant Chief,
Operations Division**

MR 03 – 04



**US ARMY CORPS
OF ENGINEERS**
ROCK ISLAND
DISTRICT

Navigation Notice

River:
MISSISSIPPI RIVER

Date:
16 JULY 2003

Location:
UMR MILE 533.9

Effective Period:
SEE BELOW

In Reply Refer to:
OD-T

MISSISSIPPI RIVER

STRIKE REMOVAL, UMR MILE 533.9

Strike Removal operations commenced on 15 July 2003 and will continue until approximately 7 August 2003 at UMR Mile 533.9, right descending bank. The work will be conducted 7 days a week, 10 hours per day, 0700 to 1700 hours.

Mariners are requested to contact the MV Muscatine 30 minutes in advance of arrival, on channel 13, 16, or 82, for passing instructions.

CAUTION is advised while transiting the area.

FOR THE DISTRICT ENGINEER:

**George L. Hardison
Acting Assistant Chief,
Operations Division**

MR 03 – 05



**US ARMY CORPS
OF ENGINEERS
ROCK ISLAND
DISTRICT**

Navigation Notice

River:	Date:
MISSISSIPPI RIVER	24 August 2003

Location:	Effective Period:
L/D 15, AUXILIARY LOCK UMR MILE 483.0	SEE BELOW

In Reply Refer to:
OD-MM

LOCK CLOSURE, MISSISSIPPI RIVER

LOCK AND DAM 15, AUXILIARY LOCK, UMR MILE 483.0

LOCK AND DAM No. 15, UMR Mile 483.0, Auxiliary lock chamber will be restricted to small boat traffic effective immediately. Boats will be restricted to those which can safely pass through the #7 gate (Lower River Wall) when it is positioned in the recess with #5 gate (Lower I Wall) in miter position.

Main lock chamber will remain open for traffic. The restriction is due pending structural repairs on # 5 gate.

Contact the Lockmaster on Marine Channel 14 for additional information

Mariners will exercise extreme caution when entering or exiting lock

This restriction will remain in effect until further notice.

FOR THE DISTRICT ENGINEER:

**George L. Hardison
Acting Assistant Chief,
Operations Division**

MR 03 - 06



**US ARMY CORPS
OF ENGINEERS**
ROCK ISLAND
DISTRICT

Navigation Notice

River:
MISSISSIPPI RIVER

Date:
07 AUGUST 2003

Location:
UMR MILE 350.9

Effective Period:
SEE BELOW

In Reply Refer to:
OD-T

MISSISSIPPI RIVER

DREDGING, UMR MILE 350.9

LaMetti and Sons will commence dredging operations at UMR Mile 350.9, on or about 09 August 2003 and will continue until further notice. The dredge will be working 7 days a week, 10 hours per day, between the hours of 0700 to 1700 hours.

Mariners are requested to contact the MV Spozanza on channel 13 or 16 for passing instructions. Please contact 30 minutes in advance of arrival.

CAUTION is advised while transiting the area.

FOR THE DISTRICT ENGINEER:

**LaVeta B. Bear
Navigation Data Clerk**

MR 03 – 07



**US ARMY CORPS
OF ENGINEERS
ROCK ISLAND
DISTRICT**

Navigation Notice

River:	Date:
MISSISSIPPI RIVER	14 August 2003

Location:	Effective Period:
UMR MILE 483.0	SEE BELOW

In Reply Refer to:
OD-MM

**LOCK CLOSURE, LOCK AND DAM 15
AUXILIARY CHAMBER
MISSISSIPPI RIVER, UMR MILE 483.0**

LOCK AND DAM No. 15, UMR Mile 483.0, Auxiliary lock chamber will be closed to all traffic effective 18 August 2003.

The main lock chamber will remain open for traffic.

Underwater Inspections have revealed serious structural deterioration has developed on # 5 and #8 miter gates.

Contact the Lockmaster at Lock and Dam 15 on Marine Channel 14 for additional information.

This restriction will remain in effect until further notice.

FOR THE DISTRICT ENGINEER:

**LaVeta B. Bear
Navigation Data Clerk**

MR 03 - 08



**US ARMY CORPS
OF ENGINEERS
ROCK ISLAND
DISTRICT**

Navigation Notice

River:
MISSISSIPPI RIVER

Date:
20 AUGUST 2003

Location:
UMR MILE 480.6

Effective Period:
SEE BELOW

In Reply Refer to:
OD-T

**MISSISSIPPI RIVER, UMR MILE 480.6
RIVER CLOSED TO 15 BARGE TOWS**

Mississippi River, UMR Mile 480.6, is closed to all 15 barge tows. Only singles and tows with empties will be allowed to transit.

The vessels Moline and Clinton (Mechanical Dredge) will be on site 20 August 2003. Contact the vessels Moline and Clinton on channel 13 or 16. The pilot channel may be open late Thursday, 21 August 2003 or Friday, 22 August 2003.

Extreme CAUTION is advised when transiting the area.

FOR THE DISTRICT COMMANDER:

**LaVeta B. Bear
Navigation Data Clerk
Operations Division**

MR 03 - 09



**US ARMY CORPS
OF ENGINEERS
ROCK ISLAND
DISTRICT**

Navigation Notice

River:	Date:
MISSISSIPPI RIVER	25 AUGUST 2003

Location:	Effective Period:
UMR MILE 481.0	SEE BELOW

In Reply Refer to:
OD-T

MISSISSIPPI RIVER

DREDGING, UMR MILE 481.0

Hydraulic dredging operations will commence at UMR Mile 481.0, left descending bank, on 25 August 2003. The Dredge Thompson will be working 24 hours per day, 7 days per week, until approximately 5 September 2003.

Mariners are requested to contact the Dredge Thompson on channel 13, 16 or 82 for passing instructions. Please contact 30 minutes in advance of arrival.

CAUTION is advised while transiting the area.

FOR THE DISTRICT ENGINEER:

**LaVeta B. Bear
Navigation Data Clerk
Operations Division**

MR 03- 10



**US ARMY CORPS
OF ENGINEERS
ROCK ISLAND
DISTRICT**

Navigation Notice

River:
MISSISSIPPI RIVER

Date:
05 SEPTEMBER 2003

Location:
**OQUAWKA, IL,
UMR MILES 414.7-415.1
FURNAL ISLAND, UMR MILES 413.5-413.7**

Effective Period:
SEE BELOW

In Reply Refer to:
OD-T

MISSISSIPPI RIVER

DREDGING

**OQUAWKA, IL UMR MILES 414.7 – 415.1
FURNAL ISLAND, UMR MILES 413.5 – 413.7**

Mechanical dredging operations will commence at UMR Miles 414.7 – 415.1, Oquawka, IL, on 06 September 2003. The Dredge will be working 10 hours per day, 7 days per week, between 6 a.m. and 6 p.m., until further notice.

Dredging may alternate between Furnal Island, UMR Miles 413.5 – 413.7 and Oquawka, IL, URM Miles 414.7 – 415.1 as needed for disposal requirements.

Mariners are requested to contact the MV Sporanza on channel 13 or 5 for passing instructions. Please contact 30 minutes in advance of arrival. The dredge will have to be moved off channel to allow transiting of the area.

CAUTION is advised while transiting the area.

FOR THE DISTRICT ENGINEER:

**Kenn R. Shoemaker, P.E.
Chief, Operations Division**

MR 03 – 11



**US ARMY CORPS
OF ENGINEERS
ROCK ISLAND
DISTRICT**

Navigation Notice

River:	Date:
MISSISSIPPI RIVER	09 SEPTEMBER 2003

Location:	Effective Period:
UMR MILE 472.0	SEE BELOW

In Reply Refer to:
OD-T

MISSISSIPPI RIVER

DREDGING, UMR MILE 472.0

Hydraulic dredging operations will commence at UMR Mile 472.0, left descending bank, on 10 September 2003. The Dredge Thompson will be working 24 hours per day, 7 days per week, until approximately 19 September 2003. There is a crossing line.

Mariners are requested to contact the Dredge Thompson on channel 13, 16 or 82 for passing instructions. Please contact 30 minutes in advance of arrival.

CAUTION is advised while transiting the area.

FOR THE DISTRICT ENGINEER:

**LaVeta B. Bear
Navigation Data Clerk
Operations Division**

MR 03 - 12



**US ARMY CORPS
OF ENGINEERS
ROCK ISLAND
DISTRICT**

Navigation Notice

River:	Date:
MISSISSIPPI RIVER	11 SEPTEMBER 2003

Location:	Effective Period:
UMR MILE 312.0	SEE BELOW

In Reply Refer to:
OD-T

**MISSISSIPPI RIVER
STRIKE REMOVAL, UMR MILE 312.0**

Strike Removal operations will commence at UMR Mile 312.0, right descending bank, on 11 September 2003. The work will be performed 10 hours per day, 7 days per week, between 0700 hours and 1700 hours, until approximately 25 September 2003.

Mariners are requested to contact the M/V Muscatine on channel 13, 16 or 82 for passing instructions. Please contact 30 minutes in advance of arrival.

CAUTION is advised while transiting the area. Request pleasure craft transit area at reduced speed.

FOR THE DISTRICT ENGINEER:

**George L. Hardison
Acting Assistant Chief
Operations Division**

MR 03 - 13



**US ARMY CORPS
OF ENGINEERS
ROCK ISLAND
DISTRICT**

Navigation Notice

River:	Date:
MISSISSIPPI RIVER	17 SEPTEMBER 2003

Location:	Effective Period:
UMR MILE 425.5	SEE BELOW

In Reply Refer to:
OD-T

MISSISSIPPI RIVER

DREDGING, UMR MILE 425.5

Hydraulic dredging operations will commence at UMR Mile 425.5, left descending bank, on 18 September 2003. The dredge William A. Thompson will be working 24 hours per day, 7 days per week, until approximately 02 October 2003. There is no crossing line.

Mariners are requested to contact the dredge Thompson on channel 13, 16 or 82 for passing instructions. Please contact 30 minutes in advance of arrival.

CAUTION is advised while transiting the area.

FOR THE DISTRICT ENGINEER:

**LaVeta B. Bear
Navigation Data Clerk
Operations Division**

MR 03 - 14



**US ARMY CORPS
OF ENGINEERS
ROCK ISLAND
DISTRICT**

Navigation Notice

River:
MISSISSIPPI RIVER

Date:
19 SEPTEMBER 2003

Location:
UMR MILE 481.0

Effective Period:
SEE BELOW

In Reply Refer to:
OD-T

MISSISSIPPI RIVER

DREDGING

UMR MILE 481.0

Mechanical dredging operations will commence at UMR Mile 481.0, right descending bank, on 20 September 2003. The Dredge will be working 10 hours per day, 0700 hours to 1700 hours, until approximately 25 September 2003.

Mariners are requested to contact the MV Speranza on channel 13 or 16 for passing instructions. Please contact 30 minutes in advance of arrival.

CAUTION is advised while transiting the area.

FOR THE DISTRICT ENGINEER:

**George L. Hardison
Assistant Chief, Operations Division**

MR 03 – 15



**US ARMY CORPS
OF ENGINEERS
ROCK ISLAND
DISTRICT**

Navigation Notice

River:	Date:
MISSISSIPPI RIVER	22 SEPTEMBER 2003

Location:	Effective Period:
UMR MILE 363.9	SEE BELOW

In Reply Refer to:
OD-T

MISSISSIPPI RIVER

MECHANICAL DREDGING (STRIKE REMOVAL), LOWER APPROACH TO LOCK 19, UMR MILE 363.9

Mechanical Dredging (Strike Removal) operations will commence at the Lower Approach to Lock 19, UMR Mile 363.9, right descending bank, 23 September 2003. Dredging will be performed 10 hours per day, between 0700 hours and 1700 hours, until approximately 25 September 2003.

Mariners are requested to contact the M/V Muscatine on channel 13, 16 or 82 for passing instructions. Please contact 30 minutes in advance of arrival.

CAUTION is advised while transiting the area.

FOR THE DISTRICT ENGINEER:

**George L. Hardison
Acting Assistant Chief
Operations Division**

MR 03 - 16



**US ARMY CORPS
OF ENGINEERS
ROCK ISLAND
DISTRICT**

Navigation Notice

River:	Date:
MISSISSIPPI RIVER	23 SEPTEMBER 2003

Location:	Effective Period:
LOCK 19 UMR MILE 364.2	SEE BELOW

In Reply Refer to:
OD-MV

MISSISSIPPI RIVER

LOCK CLOSURE

LOCK 19, UMR MILE 364.2

LOCK No. 19, UMR Mile 364.2, will be closed to navigation from 0800 to 1600 on both 14 October 2003 and 15 October 2003. A contractor will be performing weld inspections on the upper guard gate and upper service gate. Also, lock personnel will be sealing leaks in the lower miter gates.

Towboat operators are requested NOT to tie up on the guidewalls during this closure period.

FOR THE DISTRICT ENGINEER:

**George L. Hardison
Acting Assistant Chief,
Operations Division**

MR 03 - 17



**US ARMY CORPS
OF ENGINEERS
ROCK ISLAND
DISTRICT**

Navigation Notice

River:
MISSISSIPPI RIVER

Date:
01 OCTOBER 2003

Location:
UMR MILE 595.2

Effective Period:
SEE BELOW

In Reply Refer to:
OD-T

MISSISSIPPI RIVER

DREDGING

UMR MILE 595.2

Mechanical dredging operations will commence at UMR Mile 595.2, left descending bank, on 01 October 2003. The Dredge will be working 10 hours per day, 0700 hours to 1700 hours, until further notice.

Mariners are requested to contact the MV Speranza on channel 13 or 16 for passing instructions. Please contact 30 minutes in advance of arrival.

CAUTION is advised while transiting the area.

FOR THE DISTRICT ENGINEER:

**George L. Hardison
Assistant Chief, Operations Division**

MR 03 – 18



**US ARMY CORPS
OF ENGINEERS
ROCK ISLAND
DISTRICT**

Navigation Notice

River:	Date:
MISSISSIPPI RIVER	2 October 2003

Location:	Effective Period:
LOCK 17, UMR MILE 437.1	SEE BELOW

In Reply Refer to:
OD-MV

**MISSISSIPPI RIVER,
LOCK CLOSURE,
LOCK AND DAM 17, UMR MILE 437.1**

LOCK No. 17, UMR Mile 437.1, will be closed to navigation from 0700 to 1900 on both 15 October 2003 and 16 October 2003. The closures are required to remove the spare gates and replace with the repaired upper miter gates.

Towboat operators are requested NOT to tie up on the guidewalls during this closure period.

This notice is subject to change pending ambient conditions at the time of the closure.

FOR THE DISTRICT ENGINEER:

**Kenn R. Shoemaker, P.E.
Chief, Operations Division**

MR 03 - 19



**US ARMY CORPS
OF ENGINEERS
ROCK ISLAND
DISTRICT**

Navigation Notice

River:	Date:
MISSISSIPPI RIVER	2 October 2003

Location:	Effective Period:
LOCK 22, UMR MILE 301.1	SEE BELOW

In Reply Refer to:
OD-MV

**MISSISSIPPI RIVER,
LOCK CLOSURE,
LOCK AND DAM 22, UMR MILE 301.1**

LOCK No. 22, UMR Mile 301.1, will be closed to navigation from 0700 to 1900 on both 28 October 2003 and 29 October 2003. The closures are required to remove the upper miter gates and replace with spare gates.

Towboat operators are requested NOT to tie up on the guidewalls during this closure period.

This notice is subject to change pending ambient conditions at the time of the closure.

FOR THE DISTRICT ENGINEER:

**Kenn R. Shoemaker, P.E.
Chief, Operations Division**

MR 03 - 20



**US ARMY CORPS
OF ENGINEERS
ROCK ISLAND
DISTRICT**

Navigation Notice

River:	Date:
MISSISSIPPI RIVER	06 OCTOBER 2003

Location:	Effective Period:
UMR MILE 483.0	SEE BELOW

In Reply Refer to:
OD-T

MISSISSIPPI RIVER

MECHANICAL DREDGING (STRIKE REMOVAL), LOCK AND DAM 15, LOWER AUXILIARY, UMR MILE 483.0

Mechanical Dredging (Strike Removal) operations will commence at Lock and Dam 15, Lower Auxiliary, UMR Mile 483.0, on 07 October 2003. Dredging will be performed 4 days per week, Monday thru Thursday, 10 hours per day, between 0700 hours and 1700 hours, until further notice.

Mariners are requested to contact the M/V Muscatine on channel 13, 16 or 82 for passing instructions. Please contact 30 minutes in advance of arrival.

CAUTION is advised while transiting the area.

FOR THE DISTRICT ENGINEER:

**LaVeta B. Bear
Navigation Data Clerk
Operations Division**

MR 03 - 21



**US ARMY CORPS
OF ENGINEERS
ROCK ISLAND
DISTRICT**

Navigation Notice

River:	Date:
MISSISSIPPI RIVER	08 OCTOBER 2003

Location:	Effective Period:
UMR MILE 320.1	SEE BELOW

In Reply Refer to:
OD-T

MISSISSIPPI RIVER

DREDGING, UMR MILE 320.1

Hydraulic dredging operations will commence at UMR Mile 320.1, left descending bank, at 2400 hours on 08 October 2003. The dredge William A. Thompson will be working 24 hours per day, 7 days per week, until further notice. A crossing line will be in place.

Mariners are requested to contact the dredge Thompson on channel 13, 16 or 82 for passing instructions. Please contact 30 minutes in advance of arrival.

CAUTION is advised while transiting the area.

FOR THE DISTRICT ENGINEER:

**Kenn R. Shoemaker, P.E.
Chief, Operations Division**

MR 03 - 22



US ARMY CORPS
OF ENGINEERS
ROCK ISLAND
DISTRICT

Navigation Notice

River: MISSISSIPPI RIVER	Date: 27 OCTOBER 2003
Location: SEE BELOW	Effective Period: SEE BELOW
In Reply Refer to: CEMVR-OD-MV	LEGAL NOTICE TO NAVIGATION

UPPER MISSISSIPPI RIVER ICE CONDITIONS
UMR MILE 301.2 - 615.1

1. All tows are cautioned to be alert for changing conditions and possible hazards due to ice formations. Severe navigation problems can always be expected throughout the ice-forming season.
2. Currently, flows and water levels on the Mississippi River are the lowest experienced since 1989. If the current low water conditions persist, once temperatures fall significantly below freezing, there is the potential for a much thicker than normal ice cover this winter. Also, a temporary, but drastic reduction in river flow can be expected during the period of initial ice formation.
3. Gorged ice becomes a particular hazard when attempts are made to drive barges through the formation. Barges forced through or over gorged ice are frequently holed, stoved in or buckled, which usually results in sinking. Navigators are advised to exercise due caution to avoid sinking barges and subsequent blockage of the navigation channel. Gorged ice may also create unusual currents and high-localized flow or outdraft conditions due to water bypassing the temporary dam formed by the gorge. Navigators approaching an ice gorge should make certain that the towboat has sufficient power to properly control the number of barges in tow under such unusual conditions of flow.
4. Sheet ice will at times prevent opening of the upper and lower miter gates. When the miter gates cannot be fully opened into recesses, they are highly vulnerable to extensive damage from tows entering or departing the lock chamber. Navigators are cautioned to exercise extreme care when entering or departing the lock chamber to avoid damage to the miter gates. When ice builds up to the extent that full usage of the lock chamber is prohibited, length and/or width restrictions will be imposed on lockages. Double tripping or use of an industry helper boat will be required when the lock is unable to process the first cut of a double due to ice conditions.

CEMVR-OD-MV

Legal Notice to Navigation:

Mississippi River
Ice Conditions
UMR Mile 301.2 - 615.1

5. During periods of heavy icing, all towboat operators are required to arrange their tows so that recoupling does not occur between box end barges during a lockage. Rake to box ice couplings the entire width of the tow, at break points of the tow, will be required at all locks when ice is present at the lock. Ice conditions at UMR locks may occur as early as 1 November. In the past, ice trapped between box barges has caused long delays in coupling the two sections of a tow, thereby impeding flow of traffic through the locks.

6. If a tow is arranged so that recoupling occurs between box end barges and the lockage will result in unusual delays to navigation, the Lockmaster will require loss of lock turn or double-tripping and use of an industry-provided helper boat. If double tripping is required, the tow will lock through in sections with a towboat attending each section, and each section of the tow will be moved out of the lock approach before recoupling.

7. Consideration will also be given to limiting size of tows if heavy ice conditions warrant observation during past severe winters indicates that eight jumbo barges (two wide) appear to be the best configuration to allow adequate traffic movement. Notice will be given if conditions warrant the limitation of the size and/or configuration of tows.

8. The immediate concern in this area is not limited to financial responsibility for the damages to navigation structures. A primary objective is to eliminate all preventable incidents that will delay traffic.

FOR THE DISTRICT ENGINEER

George L. Hardison
Chief, Technical Services
Operations Division

MR 03-23

NOTICE TO EDITORS:

This notice is provided as background information for your use in formatting news stories. This notice is not a contract for classified display advertising. For more information call the Rock Island District Public Affairs Office, 309/794-5274



**US ARMY CORPS
OF ENGINEERS
ROCK ISLAND
DISTRICT**

Navigation Notice

River:	Date:
MISSISSIPPI RIVER	04 NOVEMBER 2003

Location:	Effective Period:
UMR MILES 300.1 - 300.7	SEE BELOW

In Reply Refer to:
OD-T

**MISSISSIPPI RIVER
MECHANICAL DREDGING
UMR MILES 300.1 – 300.7**

Mechanical Dredging operations will commence at UMR Miles 300.1 – 300.7, on 04 November 2003. Dredging will be performed 4 days per week, Monday thru Thursday, 10 hours per day, between 0700 hours and 1700 hours, until further notice.

Mariners are requested to contact the M/V Davenport on channel 13, 14, or 16 for passing instructions. Please contact 30 minutes in advance of arrival.

CAUTION is advised while transiting the area.

FOR THE DISTRICT ENGINEER:

**Steven D. Russell, P.E.
Assistant Chief, Operations Division**

MR 03 - 24



**US ARMY CORPS
OF ENGINEERS
ROCK ISLAND
DISTRICT**

Navigation Notice

River:
MISSISSIPPI RIVER

Date:
5 December 2003

Location:
**LOCK 15,
UMR MILE 483.0**

Effective Period:
SEE BELOW

In Reply Refer to:
OD-MV

**LOCK CLOSURE, LOCKS AND DAM 15
MISSISSIPPI RIVER, UMR MILE 483.0**

LOCK No. 15, UMR Mile 483.0, will be closed to navigation from 0800 on 15 December 2003 to 0800 on 28 February 2004 for replacement of checkpoints along the lower guidewall and installation of a new ladder recess on the upper guidewall.

Towboat operators are requested NOT to tie up on the guidewalls during this closure period.

FOR THE DISTRICT ENGINEER:

**Kenn R. Shoemaker, P.E.
Chief, Operations Division**

MR 03-25



**US ARMY CORPS
OF ENGINEERS**
ROCK ISLAND
DISTRICT

Navigation Notice

River:	Date:
MISSISSIPPI RIVER	5 December 2003
Location:	Effective Period:
LOCKS 11 – 22	SEE BELOW

In Reply Refer to:
OD-MV

WINTER LOCKAGE HOURS

MISSISSIPPI RIVER, LOCKS 11 – 22

Rock Island District Locks 11, 12, 13, 14, 16, 17, 18, 19, 20, 21 and 22 will lock traffic between 0800 and 1600, Monday through Friday only, during the period 15 December 2003 through 15 March 2004. Please contact the lockmaster in advance if lockage is required outside these hours. At Lock 19, temporary miter gates have been installed at the lower end. Because of this, Lock 19 may not be able to lock boats depending on ice conditions and air temperature.

Lock 15 will be closed to ALL traffic from 15 December 2003 to 28 February 2004 for replacement of checkposts and a ladder recess. Additionally, work on the Government Bridge at Lock 15, which may impact navigation, has been coordinated through the United States Coast Guard and navigators should plan accordingly.

FOR THE DISTRICT ENGINEER:

Kenn R. Shoemaker, P.E.
Chief, Operations Division

MR 03 - 26