

MISSISSIPPI RIVER 2004 NAVIGATION NOTICE

NUMBER	DATE	SUBJECT/LOCATION	EFFECTIVE DATE
MR 04-01	21-Jan-04	MISSISSIPPI RIVER, MECHANICAL DREDGING (STRIKE REMOVAL), LOCK 21 LOWER AUXILIARY CHAMBER, UMR MILE 324.9	21-Jan-2004 until further notice
MR 04-02	2-Mar-04	MISSISSIPPI RIVER, LOCK CLOSURE, LOCK AND DAM 20, UMR MILE 343.0	3-10 March 2004
MR 04-03	12-Mar-04	MISSISSIPPI RIVER, LOCK CLOSURE, LOCK AND DAM 21, UMR MILE 325.0	23-Mar-04
MR 04-04	17-Mar-04	UMR MILE 301.0, RIGHT DESCENDING BANK	17-31 March 2004
MR 04-05	7-Apr-04	MISSISSIPPI RIVER, MISSISSIPPI RIVER, LOCK CLOSURE, LOCK AND DAM 22, UMR MILE 301.0	20-21 April 2004
MR 04-06	8-Apr-04	MISSISSIPPI RIVER, MISSISSIPPI RIVER, LOCK CLOSURE, LOCK AND DAM 20, UMR MILE 343.0	4-May-04
MR 04-07	16-Apr-04	MISSISSIPPI RIVER, MECHANICAL DREDGING (STRIKE REMOVAL), LOCK AND DAM 21, UMR MILE 324.9, RIGHT DESCENDING BANK	19-April-2004 until further notice
MR 04-08	20-Apr-04	MISSISSIPPI RIVER, MISSISSIPPI RIVER, LOCK CLOSURE, LOCKS AND DAM 15, UMR MILE 482.9	11-May-04
MR 04-09	20-May-04	MISSISSIPPI RIVER, LOCK CLOSURE, LOCK 16, UMR MILE 457.0	8-Jun-04
MR 04-10	17-Jun-04	LOCK CLOSURE, LOCK AND DAM 13, MISSISSIPPI RIVER, , UMR MILE 523.0	29-Jun-04
MR 04-11	17-Aug-04	LOCK CLOSURE, MISSISSIPPI RIVER, LOCK 15, UMR MILE 483.021	19-21 Aug 2004
MR 04-12	21-Jan-04	MISSISSIPPI RIVER, MECHANICAL DREDGING (STRIKE REMOVAL), LIFERS LIGHT, UMR MILE 350.5 – 351.5	19-Aug-04
MR 04-13	27-Aug-04	MISSISSIPPI RIVER, DREDGING, TURTLE ISLAND, POOL 22, UMR MILES 311.7 – 312.0, CAVE HOLLOW, POOL 22, UMR MILES 306.2 -306.6	27-Aug-2004 until further notice
MR 04-14	27-Aug-04	MISSISSIPPI RIVER, MECHANICAL DREDGING, TURKEY RIVER, UMR MILE 609.0	1-Sept-2004 until further notice

MISSISSIPPI RIVER 2004 NAVIGATION NOTICE

NUMBER	DATE	SUBJECT/LOCATION	EFFECTIVE DATE
MR 04-15	31-Aug-04	MISSISSIPPI RIVER, MECHANICAL DREDGING (STRIKE REMOVAL), FURNAL ISLAND, UMR MILE 413.6	07-Sept-2004 until further notice
MR 04-16	3-Sep-04	MISSISSIPPI RIVER, DREDGING, BASS ISLAND, POOL 17, UMR MILES 447.7	05-Sept-2004 until further notice
MR 04-17	7-Sep-04	MISSISSIPPI RIVER, LOCK CLOSURE, LOCK AND DAM 20, UMR MILE 343.0	14-16 Sept 2004
MR 04-18	8-Sep-04	CORRECTION, LOCK CLOSURE, MISSISSIPPI RIVER, LOCK AND DAM 20, UMR MILE 343.0	14-16 Sept 2004
MR 04-19	9-Sep-04	MISSISSIPPI RIVER, DREDGING, HOGBACK ISLAND, POOL 21, UMR MILES 331.0 – 331.9	10-Sept-2004 until further notice
MR 04-20	14-Sep-04	MISSISSIPPI RIVER, MECHANICAL DREDGING (STRIKE REMOVAL), POOL 11, FINLEY'S LANDING, UMR MILE 495.0	15-Sept-2004 until further notice
MR 04-21	14-Sep-04	MISSISSIPPI RIVER, DREDGING, LOCK 15, LOWER POOL, UMR 482.8	21-Aug-2004 until further notice
MR 04-22	14-Sep-04	MISSISSIPPI RIVER, MECHANICAL DREDGING (STRIKE REMOVAL), HURRICANE ISLAND, UMR 598.5	28-Aug-2004 until further notice
MR 04-23	14-Sep-04	CORRECTION TO RIVER MILE ON NAVIGATION NOTICE MR 04 - 20, MISSISSIPPI RIVER, MECHANICAL DREDGING (STRIKE REMOVAL), POOL 11, FINLEY'S LANDING, UMR MILE 595.0	15-Sept-2004 until further notice
MR 04-24	15-Sep-04	MISSISSIPPI RIVER, LOCK CLOSURE, LOCK AND DAM 20, UMR MILE 343.0	17-Sep-04
MR 04-25	15-Sep-04	DREDGING SCHEDULE REVISION, MISSISSIPPI RIVER, DREDGING, KEITHSBURG LOWER, UMR MILE 425.5	21-Sept-2004 until further notice
MR 04-26	19-Oct-04	MISSISSIPPI RIVER, MECHANICAL DREDGING (STRIKE REMOVAL), UMR MILES 533.5 – 533.8	20-Oct-2004 until further notice
MR 04-27	25-Oct-04	UPPER MISSISSIPPI RIVER ICE CONDITIONS, UMR MILE 301.2 - 615.1, LEGAL NOTICE TO NAVIGATION	
MR 04-28	28-Oct-04	LOCK CLOSURES, LOCK AND DAM 22, MISSISSIPPI RIVER, , UMR MILE 301.0	16-18 Nov 2004

MISSISSIPPI RIVER 2004 NAVIGATION NOTICE

NUMBER	DATE	SUBJECT/LOCATION	EFFECTIVE DATE
MR 04-29	16-Nov-04	MISSISSIPPI RIVER, MECHANICAL DREDGING (STRIKE REMOVAL), UMR MILE 300.7, RIGHT DESCENDING BANK	6-Dec-2004 until further notice
MR 04-30	30-Nov-04	WINTER LOCKAGE HOURS, MISSISSIPPI RIVER, LOCKS 11 – 22	15-Dec-2004 to 15-Mar- 2005



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

Navigation Notice

River:	Date:
MISSISSIPPI RIVER	21 JANUARY 2004

Location:	Effective Period:
UMR MILE 324.9	SEE BELOW

In Reply Refer to:
OD-T

MISSISSIPPI RIVER

MECHANICAL DREDGING (STRIKE REMOVAL), LOCK 21 LOWER AUXILIARY CHAMBER, UMR MILE 324.9

Mechanical Dredging (Strike Removal) operations will commence at the Lower Auxiliary Chamber, Lock 21, UMR Mile 324.9, 21 January 2004. Dredging will be performed 10 hours per day, from 0700 hours to 1700 hours, Monday through Thursday, until further notice.

Mariners are requested to contact the M/V Davenport on channel 13, 14 or 82 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 04 - 01



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

Navigation Notice

River:
MISSISSIPPI RIVER

Date:
2 March 2004

Location:
**LOCK 20,
UMR MILE 343.0**

Effective Period:
SEE BELOW

In Reply Refer to:
OD-MV

**MISSISSIPPI RIVER,
LOCK CLOSURE,
LOCK AND DAM 20, UMR MILE 343.0**

LOCK No. 20, UMR Mile 343.0, will be closed to navigation beginning 0700 on 3 March 2004 through 10 March 2004. The closure is required to repair the strut arm attachment structure located on the # 1 miter gate.

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:

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

MR 04-02



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

Navigation Notice

River:	Date:
MISSISSIPPI RIVER	12 MARCH 2004

Location:	Effective Period:
UMR MILE 325.0	SEE BELOW

In Reply Refer to:
OD-MM

**MISSISSIPPI RIVER
LOCK CLOSURE,
LOCK AND DAM 21, UMR MILE 325.0**

LOCK AND DAM No. 21, UMR Mile 325.0, will be closed to all river traffic on 23 March, 2004 from 0700 to 1900 hours for the purpose of replacing the stress bar on #4 miter gate.

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

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

FOR THE DISTRICT ENGINEER:

**George L. Hardison
Chief, Technical Services
Operations Division**

MR 04 - 03



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

Navigation Notice

River:	Date:
MISSISSIPPI RIVER	17 MARCH 2004

Location:	Effective Period:
UMR MILE 301.0	SEE BELOW

In Reply Refer to:
OD-T

**MISSISSIPPI RIVER
MECHANICAL DREDGING (STRIKE REMOVAL),
UMR MILE 301.0, RIGHT DESCENDING BANK**

Mechanical Dredging (Strike Removal) operations will commence at UMR Mile 301.0, right descending bank, on 17 March 2004. Dredging will be performed 4 days per week, Monday thru Thursday, 10 hours per day, between 0700 hours and 1700 hours, until approximately 31 March 2004.

Mariners are requested to contact the M/V Rock Island 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:

**Rick D. Granados
Acting Assistant Chief
Operations Division**

MR 04 - 04



US ARMY CORPS
OF ENGINEERS
ROCK ISLAND
DISTRICT

Navigation Notice

River:
MISSISSIPPI RIVER

Date:
7 APRIL 2004

Location:
UMR MILE 301.0

Effective Period:
SEE BELOW

In Reply Refer to:
OD-MM

**MISSISSIPPI RIVER, LOCK CLOSURE,
LOCK AND DAM 22, UMR MILE 301.0**

LOCK AND DAM No. 22, UMR Mile 301.0, will be closed to all navigation on 20 & 21 April 2004 from 0700 to 1900 hours for the purpose of replacing the #2 & #4 miter gate spares with the repaired service gates.

LOCK AND DAM No. 22, UMR Mile 301.0, will be closed again on 27 & 28 April 2004 from 0700 to 1900 each day for the removal of #1 & #3 service gates which will be replaced with the spare gates.

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

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

FOR THE DISTRICT ENGINEER:

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

MR 04 - 05



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

Navigation Notice

River:
MISSISSIPPI RIVER

Date:
8 April 2004

Location:
**LOCK 20,
UMR MILE 343.0**

Effective Period:
SEE BELOW

In Reply Refer to:
OD-MV

**MISSISSIPPI RIVER, LOCK CLOSURE,
LOCK AND DAM 20, UMR MILE 343.0**

Lock No. 20, UMR Mile 343.0, will be closed to navigation beginning 0700 through 1700 on 4 May 2004. The closure is required to repair the strut arm attachment bushing and adjust anchor bars located on the # 2 miter gate.

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

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

FOR THE DISTRICT ENGINEER:

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

MR 04 - 06



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

Navigation Notice

River:	Date:
MISSISSIPPI RIVER	16 APRIL 2004

Location:	Effective Period:
L/D 21 UMR MILE 324.9	SEE BELOW

In Reply Refer to:
OD-T

MISSISSIPPI RIVER

MECHANICAL DREDGING (STRIKE REMOVAL),

LOCK AND DAM 21, UMR MILE 324.9, RIGHT DESCENDING BANK

Mechanical Dredging (Strike Removal) operations will commence at LOCK AND DAM 21, UMR Mile 324.9, right descending bank, on 19 April 2004. 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 Rock Island 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
Chief, Technical Services
Operations Division**

MR 04 - 07



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

Navigation Notice

River:
MISSISSIPPI RIVER

Date:
20 April 2004

Location:
**LOCK 15,
UMR MILE 482.9**

Effective Period:
SEE BELOW

In Reply Refer to:
OD-MV

MISSISSIPPI RIVER, LOCK CLOSURE, LOCKS AND DAM 15, UMR MILE 482.9

Locks and Dam No. 15, UMR Mile 482.9, will be closed to navigation beginning 0700 through 1900 on 11 May 2004. The closure is required to repair the bonnet and lower support channel on the #4 miter gate.

The auxiliary lock chamber continues to remain closed to traffic because of serious structural deterioration of the #5 and #8 miter gates.

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

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

FOR THE DISTRICT ENGINEER:

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

MR 04 - 08



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

Navigation Notice

River:
MISSISSIPPI RIVER

Date:
20 May 2004

Location:
**LOCK 16
UMR MILE 457.0**

Effective Period:
SEE BELOW

In Reply Refer to:
OD-MV

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

LOCK NO. 16, UMR Mile 457.0, will be closed to all navigation from 0700 to 1900 on 8 June 2004 for replacement of bushings and the strut arm on the #4 miter gate.

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

FOR THE DISTRICT ENGINEER:

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

MR 04- 09



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

Navigation Notice

River:
MISSISSIPPI RIVER

Date:
17 June 2004

Location:
UMR MILE 523.0

Effective Period:
SEE BELOW

In Reply Refer to:
OD-MM

**LOCK CLOSURE, LOCK AND DAM 13
MISSISSIPPI RIVER, UMR MILE 523.0**

LOCK AND DAM No. 13, UMR Mile 523.0, will be closed to all navigation on 29 June from 0700 to 1900 hours for the purpose of replacing the bonnet bushings on both upper miter gates.

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

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

FOR THE DISTRICT ENGINEER:

**Rick D. Granados
Acting Assistant Chief,
Operations Division**

MR 04 - 10



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

Navigation Notice

River: **MISSISSIPPI RIVER** Date: **17 August 2004**

Location: **LOCK 15
UMR MILE 483.0** Effective Period: **SEE BELOW**

In Reply Refer to:
OD-M

LOCK CLOSURE, MISSISSIPPI RIVER

LOCK 15, UMR MILE 483.0

LOCK NO. 15, UMR Mile 483.0, will be closed to all navigation from 0700 to 1900 on Thursday, 19 August 2004 and from 0700 to 1900 on Saturday, 21 August 2004 for removal of the lower miter gates and installation of the spare gates. A dive inspection has revealed serious structural damage on the lower portion of the gates requiring immediate removal and replacement.

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

All mariners should be aware the auxiliary lock remains closed until further notice.

FOR THE DISTRICT ENGINEER:

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

MR 04-11



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

Navigation Notice

River:
MISSISSIPPI RIVER

Date:
21 JANUARY 2004

Location:
**LIFERS LIGHT
UMR 350.5-351.5**

Effective Period:
SEE BELOW

In Reply Refer to:
OD-T

**MISSISSIPPI RIVER
MECHANICAL DREDGING (STRIKE REMOVAL),
LIFERS LIGHT, UMR MILE 350.5 – 351.5**

Mechanical Dredging (Strike Removal) operations will commence at Lifers Light, Red Buoy Side, UMR Mile 350.5 – 351.5, on 19 August 2004. Dredging will be performed, from 0700 hours to 1730 hours, Monday through Thursday, until further notice.

Mariners are requested to contact the M/V Davenport on channel 13, 14 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
Chief, Technical Services
Operations Division**

MR 04 - 12



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

Navigation Notice

River:
MISSISSIPPI RIVER

Date:
27 AUGUST 2004

Location:
SEE BELOW

Effective Period:
SEE BELOW

In Reply Refer to:
OD-T

MISSISSIPPI RIVER

DREDGING

**TURTLE ISLAND, POOL 22, UMR MILES 311.7 – 312.0
CAVE HOLLOW, POOL 22, UMR MILES 306.2 -306.6**

Hydraulic dredging operations will commence at UMR Miles 311.7 – 312.0, on 27 August 2004. The Dredge Thompson will be working 24 hours per day, 7 days per week, until further notice.

The Dredge Thompson will next be dredging at Cave Hollow, Pool 22, UMR Miles 306.2 – 306.6 on or about 30 August 2004. The Dredge Thompson will be working 24 hours per day, 7 days per week, until further notice.

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:

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

MR 04 - 13



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

Navigation Notice

River:
MISSISSIPPI RIVER

Date:
27 AUGUST 2004

Location:
**TURKEY RIVER
UMR MILE 609.0**

Effective Period:
SEE BELOW

In Reply Refer to:
OD-T

**MISSISSIPPI RIVER
MECHANICAL DREDGING
TURKEY RIVER, UMR MILE 609.0**

Mechanical Dredging operations will commence at the Turkey River Area, UMR Mile 609.0, 01 September 2004. Dredging will be performed 10 hours per day, from 0700 hours to 1700 hours, 7 days per week, until further notice.

Mariners are requested to contact the M/V 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:

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

MR 04 - 14



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

Navigation Notice

River:	Date:
MISSISSIPPI RIVER	31 AUGUST 2004

Location:	Effective Period:
UMR MILE 413.6	SEE BELOW

In Reply Refer to:
OD-T

**MISSISSIPPI RIVER
MECHANICAL DREDGING (STRIKE REMOVAL),
FURNAL ISLAND, UMR MILE 413.6**

Mechanical Dredging (Strike Removal) operations will commence on 07 September 2004 at Furnal Island, UMR Mile 413.6. Dredging will be performed 10 hours per day, from 0700 hours to 1700 hours, Monday through Friday, until further notice.

Mariners are requested to contact the M/V Davenport on channel 13, 14 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
Chief, Technical Services
Operations Division**

MR 04 - 15



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

Navigation Notice

River:	Date:
MISSISSIPPI RIVER	03 SEPTEMBER 2004

Location:	Effective Period:
BASS ISLAND, POOL 17, UMR MILE 447.7	SEE BELOW

In Reply Refer to:
OD-T

MISSISSIPPI RIVER

DREDGING

BASS ISLAND, POOL 17, UMR MILES 447.7

Hydraulic dredging operations will commence at Bass Island, Pool 17, UMR Mile 447.7, on 05 September 2004. The Dredge Thompson will be working 24 hours per day, 7 days per week, until further notice.

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 04 - 16



US ARMY CORPS
OF ENGINEERS
ROCK ISLAND
DISTRICT

Navigation Notice

River:
MISSISSIPPI RIVER

Date:
7 SEPTEMBER 2004

Location:
**LOCK & DAM 20,
UMR MILE 343.0**

Effective Period:
SEE BELOW

In Reply Refer to:
OD-MV

**MISSISSIPPI RIVER,
LOCK CLOSURE,
LOCK AND DAM 20, UMR MILE 343.0**

LOCK No. 20, UMR Mile 343.0, will be closed to navigation beginning 0700 through 1700 on 14 September 2004. Lock No. 20 will also be closed to navigation beginning 0700 through 1700 on 16 September 2004. These closures are required to replace the bushings in both miter gate #2 and miter gate #4.

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 04-17



US ARMY CORPS
OF ENGINEERS
ROCK ISLAND
DISTRICT

Navigation Notice

River:
MISSISSIPPI RIVER

Date:
08 SEPTEMBER 2004

Location:
**LOCK & DAM 20,
UMR MILE 343.0**

Effective Period:
SEE BELOW

In Reply Refer to:
OD-MV

CORRECTION CORRECTION CORRECTION

**MISSISSIPPI RIVER,
LOCK CLOSURE,
LOCK AND DAM 20, UMR MILE 343.0**

LOCK No. 20, UMR Mile 343.0, will be closed to navigation beginning 0700 through 1900 on 14 September 2004. Lock No. 20 will also be closed to navigation beginning 0700 through 1900 on 16 September 2004. These closures are required to replace the bushings in both miter gate #2 and miter gate #4.

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:

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

MR 04-18



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

Navigation Notice

River: **MISSISSIPPI RIVER** Date: **09 SEPTEMBER 2004**

Location: **HOGBACK ISLAND, POOL 21,
UMR MILE 331.0-331.9** Effective Period: **SEE BELOW**

In Reply Refer to:
OD-T

MISSISSIPPI RIVER

**DREDGING, HOGBACK ISLAND,
POOL 21, UMR MILES 331.0 – 331.9**

Hydraulic dredging operations will commence at Hogback Island, Pool 21, UMR Mile 331.0 – 331.9, on 10 September 2004. The Dredge Thompson will be working 24 hours per day, 7 days per week, until further notice.

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 04 - 19



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

Navigation Notice

River:	Date:
MISSISSIPPI RIVER	14 SEPTEMBER 2004

Location:	Effective Period:
POOL 11, FINLEY'S LANDING UMR MILE 495.0	SEE BELOW

In Reply Refer to:
OD-T

MISSISSIPPI RIVER

MECHANICAL DREDGING (STRIKE REMOVAL)

POOL 11, FINLEY'S LANDING, UMR MILE 495.0

Mechanical Dredging operations will commence at Pool 11, Finley's Landing, UMR Mile 495.0, left descending bank, on 15 September 2004.

Dredging will be performed 10 hours per day, from 0700 hours to 1700 hours, 7 days per week, until further notice.

Mariners are requested to contact the M/V Speranza on channel 13, 16, or 5 for passing instructions. Please contact 30 minutes in advance of arrival.

CAUTION is advised while transiting the area.

This schedule is subject to revision.

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

MR 04 - 20



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

Navigation Notice

River:	Date:
MISSISSIPPI RIVER	14 SEPTEMBER 2004

Location:	Effective Period:
LOCK 15, LOWER POOL UMR MILE 482.8	SEE BELOW

In Reply Refer to:
OD-T

MISSISSIPPI RIVER

DREDGING

LOCK 15, LOWER POOL, UMR 482.8

Hydraulic dredging operations are scheduled to commence at Lock 15, Lower Pool, UMR Mile 482.8, right descending bank, on 21 September 2004. The Dredge 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.

This schedule is subject to revision.

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

MR 04 - 21



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

Navigation Notice

River:
MISSISSIPPI RIVER

Date:
14 SEPTEMBER 2004

Location:
**HURRICANE ISLAND,
UMR MILE 598.5**

Effective Period:
SEE BELOW

In Reply Refer to:
OD-T

**MISSISSIPPI RIVER
MECHANICAL DREDGING (STRIKE REMOVAL)
HURRICANE ISLAND, UMR 598.5**

Mechanical Dredging operations are scheduled to commence at Hurricane Island, UMR Mile 598.5, on 28 September 2004.

Dredging will be performed 10 hours per day, from 0700 hours to 1700 hours, 7 days per week, until further notice.

Mariners are requested to contact the M/V Speranza on channel 13, 16, or 5 for passing instructions. Please contact 30 minutes in advance of arrival.

CAUTION is advised while transiting the area.

This schedule is subject to revision.

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

MR 04 - 22



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

Navigation Notice

River:	MISSISSIPPI RIVER	Date:	14 SEPTEMBER 2004
Location:	POOL 11, FINLEY'S LANDING UMR MILE 595.0	Effective Period:	SEE BELOW

In Reply Refer to:
OD-T

CORRECTION TO RIVER MILE ON NAVIGATION NOTICE MR 04 - 20

MISSISSIPPI RIVER

MECHANICAL DREDGING (STRIKE REMOVAL)

POOL 11, FINLEY'S LANDING, UMR MILE 595.0

Mechanical Dredging operations will commence at Pool 11, Finley's Landing, UMR Mile 595.0, left descending bank, on 15 September 2004.

Dredging will be performed 10 hours per day, from 0700 hours to 1700 hours, 7 days per week, until further notice.

Mariners are requested to contact the M/V Speranza on channel 13, 16, or 5 for passing instructions. Please contact 30 minutes in advance of arrival.

CAUTION is advised while transiting the area.

This schedule is subject to revision.

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

MR 04 - 23



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

Navigation Notice

River:
MISSISSIPPI RIVER

Date:
15 SEPTEMBER 2004

Location:
**LOCK 20,
UMR MILE 343.0**

Effective Period:
SEE BELOW

In Reply Refer to:
OD-MV

MISSISSIPPI RIVER, LOCK CLOSURE, LOCK AND DAM 20, UMR MILE 343.0

Lock No. 20, UMR Mile 343.0, will be closed to navigation beginning 0630 hours through 1030 hours on 17 September 2004. The closure is required to replace the gudgeon pin in miter gate #2.

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

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

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

MR 04 - 24



US ARMY CORPS
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ROCK ISLAND
DISTRICT

Navigation Notice

River:	Date:
MISSISSIPPI RIVER	15 SEPTEMBER 2004

Location:	Effective Period:
KEITHSBURG LOWER UMR MILE 425.5	SEE BELOW

In Reply Refer to:
OD-T

DREDGING SCHEDULE REVISION

MISSISSIPPI RIVER, DREDGING

KEITHSBURG LOWER, UMR MILE 425.5

Hydraulic dredging operations are scheduled to commence at KEITHSBURG LOWER, UMR Mile 425.5, on 21 September 2004.

The Dredge Thompson will be working 24 hours per day, 7 days per week, until further notice. A crossing line will be in place.

Dredging originally scheduled for Lock 15, UMR Mile 482.8, at that time, will be delayed until later to accommodate this need.

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.

This schedule is subject to revision.

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

MR 04 - 25



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

Navigation Notice

River:	MISSISSIPPI RIVER	Date:	19 OCTOBER 2004
Location:	UMR MILES 533.5 – 533.8	Effective Period:	SEE BELOW

In Reply Refer to:
OD-T

**MISSISSIPPI RIVER
MECHANICAL DREDGING (STRIKE REMOVAL)
UMR MILES 533.5 – 533.8**

Mechanical Dredging operations will commence at UMR Miles 533.5 – 533.8, left descending bank, on 20 October 2004.

Dredging will be performed from 0600 hours to 1800 hours, 7 days per week, until further notice.

Mariners are requested to contact the M/V Speranza on channel 13, 16 or 5 for passing instructions. Please contact 30 minutes in advance of arrival.

CAUTION is advised while transiting the area.

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

MR 04 - 26



US ARMY CORPS
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ROCK ISLAND
DISTRICT

Navigation Notice

River:	Date:
MISSISSIPPI RIVER	25 OCTOBER 2004

Location:	Effective Period:
SEE BELOW	10 OCTOBER 2004
	10 OCTOBER 2005

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. 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.
3. 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.
4. 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.

CEMVR-OD-MV

Legal Notice to Navigation:

Mississippi River
Ice Conditions
UMR Mile 301.2 - 615.1

5. 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.

6. 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.

7. 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.

Denise E. Tyler,
Chief, Management Support Branch
Operations Division

MR 04-27

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	28 OCTOBER 2004

Location:	Effective Period:
UMR MILE 301.0	SEE BELOW

In Reply Refer to:
OD-MM

**LOCK CLOSURES, LOCK AND DAM 22
MISSISSIPPI RIVER, UMR MILE 301.0**

LOCK AND DAM No. 22, UMR Mile 301.0, will be closed to all navigation on 16 November 2004 from 0700 to 1900 hours for the purpose of replacing the #1 miter gate spare with the repaired service gate. The closure will resume on 18 November 2004 from 0700 to 1900 for the purpose of replacing the #3 spare gate with the repaired service gate

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

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

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

MR 04 - 28



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

Navigation Notice

River:
MISSISSIPPI RIVER

Date:
16 NOVEMBER 2004

Location:
UMR MILE 300.7

Effective Period:
SEE BELOW

In Reply Refer to:
OD-T

MISSISSIPPI RIVER

MECHANICAL DREDGING (STRIKE REMOVAL), UMR MILE 300.7, RIGHT DESCENDING BANK

Mechanical Dredging (Strike Removal) operations will commence on 06 December 2004 at UMR Mile 300.7, right descending bank. Dredging will be performed 10 hours per day, from 0700 hours to 1700 hours, Monday through Friday, until further notice.

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

CAUTION is advised while transiting the area.

Time and days of dredging activity will be updated as needed, due to the upcoming holiday season.

**George L. Hardison
Chief, Technical Services
Operations Division**

MR 04 - 29



US ARMY CORPS
OF ENGINEERS
ROCK ISLAND
DISTRICT

Navigation Notice

River:
MISSISSIPPI RIVER

Date:
30 NOVEMBER 2004

Location:
LOCKS 11 – 22

Effective Period:
SEE BELOW

In Reply Refer to:
OD-MV

WINTER LOCKAGE HOURS

MISSISSIPPI RIVER, LOCKS 11 – 22

Rock Island District Locks 11, 12, 13, 14, and 15 will lock traffic between 0800 and 1600, Monday through Friday, during the period 15 December 2004 through 15 March 2005. Please contact the lockmaster in advance if lockage is required outside these hours. At Lock 15 work on the Government Bridge, which will impact navigation, has been coordinated through the United States Coast Guard and navigators should plan accordingly. Locks 16 through 22 will continue to lock traffic 24/7 depending on winter conditions.

At Lock 19, the temporary sectional spare miter gate currently in use was not designed for any type of ice loading and could be seriously damaged by operation in icy conditions. The lock will be closed to river traffic when freezing temperatures result in various ice loadings on the gate. **Two such conditions that will temporarily shut down the lock are:**

- **Floating ice in the lock chamber that cannot be moved and thus blocks the miter gate operation and/or**
- **Any ice buildup on the miter gate**

The lockmaster (or the designated Government employee) shall be charged with the immediate control and management of the lock and shall have final authority for the use of the lock and the decision of locking.

NOTE: Industry should call well in advance to see if Lock 19 is open or shut down during winter operation.

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

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