

MISSISSIPPI RIVER 2005 NAVIGATION NOTICE

NUMBER	DATE	SUBJECT/LOCATION	EFFECTIVE DATE
MR 05-01	4-Jan-05	MISSISSIPPI RIVER, MECHANICAL DREDGING (STRIKE REMOVAL), UMR MILE 300.7, RIGHT DESCENDING BANK	4-Jan-05 until further notice
MR 05-02	13-Jan-05	MISSISSIPPI RIVER, LOCK CLOSURE, LOCKS AND DAM 20, UMR MILE 343.2	24-Jan-05 to 06-Feb-05
MR 05-03	3-Feb-05	MISSISSIPPI RIVER, LOCK CLOSURE, LOCK AND DAM 14, UMR MILE 493.3	15-17 Feb 05
MR 05-04	3-Mar-05	MECHANICAL DREDGING, LOCK AND DAM 14, MISSISSIPPI RIVER, , UMR MILE 493.8	07-Mar-05 to 07-Jun-05
MR 05-05	14-Mar-05	MECHANICAL DREDGING, POOL 14, MISSISSIPPI RIVER, , UMR MILE 493.4	14-Mar-05 to 14-Apr-05
MR 05-06	14-Mar-05	MECHANICAL DREDGING, POOL 16, MISSISSIPPI RIVER, , UMR MILE 482.8	14-Mar-05 to 14-Apr-05
MR 05-07	4-Apr-05	POSTPONED, MECHANICAL DREDGING, LOCK 15 LOWER, MISSISSIPPI RIVER, UMR MILE 482.8	14-Mar-05 to 14-Apr-05
MR 05-08	5-Apr-05	POSTPONED, MISSISSIPPI RIVER, MECHANICAL DREDGING, POOL 14, UMR MILE 493.4	14-Mar-05 to 14-Apr-05
MR 05-09	14-Apr-05	MISSISSIPPI RIVER, LOCK CLOSURE, LOCK 18, UMR MILE 410.5	26-28 Apr 05
MR 05-10	14-Apr-05	MISSISSIPPI RIVER, LOCK CLOSURE, LOCK 17, UMR MILE 437.1	23-Apr-05
MR 05-11	4-May-05	MISSISSIPPI RIVER, LOCK CLOSURE, LOCK 15, UMR MILE 482.9	24-May-05 & 24-May-05
MR 05-12	6-Jun-05	MISSISSIPPI RIVER, LOCK CLOSURE, LOCK AND DAM 11, UMR MILE 583.0	21-Jun-05
MR 05-13	8-Jun-05	MISSISSIPPI RIVER, MECHANICAL DREDGING (STRIKE REMOVAL), HORSE ISLAND, UMR MILE 476.2, RIGHT DESCENDING BANK	13-27 June 2005
MR 05-14	8-Jun-05	MISSISSIPPI RIVER, MECHANICAL DREDGING (STRIKE REMOVAL), L/D 22 LOWER, UMR MILE 301.0	27-Jun-05 to 18-Jul-05

MISSISSIPPI RIVER 2005 NAVIGATION NOTICE

NUMBER	DATE	SUBJECT/LOCATION	EFFECTIVE DATE
MR 05-15	10-Jun-05	MISSISSIPPI RIVER, LOCK CLOSURES, LOCK AND DAM 22, UMR MILE 301.2	27-Jun-05 to 07-Jul-05
MR 05-16	7-Jul-05	MISSISSIPPI RIVER, LOCK CLOSURE, LOCK 19, UMR MILE 364.3	20-21 July 05
MR 05-17	12-Jul-05	CANCELLED, MISSISSIPPI RIVER, LOCK CLOSURE, LOCK 19, UMR MILE 364.3	20-21 July 05
MR 05-18	19-Jul-05	MISSISSIPPI RIVER, STRIKE REMOVAL (MECHANICAL DREDGING), KEITHSBURG LOWER, UMR MILE 425.2 - 425.3	19-29 July 05
MR 05-19	19-Jul-05	MISSISSIPPI RIVER, SOUNDINGS AT HOGBACK ISLAND, UMR MILES 331.9	until further notice
MR 05-20	21-Jul-05	CORRECTED NAVIGATION NOTICE, MISSISSIPPI RIVER, SOUNDINGS SURVEY, LAGRANGE, UMR MILE 336.1, RIGHT BANK	until further notice
MR 05-21	21-Jul-05	CORRECTED NAVIGATION NOTICE, MISSISSIPPI RIVER, SOUNDINGS SURVEY, LIFERS LIGHT, UMR MILE 351.1, LEFT BANK	until further notice
MR 05-22	28-Jul-05	LOCK CLOSURE, MISSISSIPPI RIVER, LOCK 19, UMR MILE 364.3	15-Dec-05 to 15-Mar-06
MR 05-23	27-Jul-05	LOCK CLOSURE, MISSISSIPPI RIVER, LOCK 11, UMR MILE 583.0	15-Dec-05 to 15-Mar-06
MR 05-24	11-Aug-05	MISSISSIPPI RIVER, DREDGING, HOGBACK ISLAND, UMR MILES 331.1 to 332.0, LOCK 15 AUXILIARY UPPER, UMR MILE 482.9	01-Aug-05 until further notice
MR 05-25	3-Aug-05	MISSISSIPPI RIVER, Test Mooring Buoys, L/D's 11, 15, 18, 19, 20, 21	3-Aug-05 to 30-Sept-05
MR 05-26	11-Aug-05	MISSISSIPPI RIVER, DREDGING, LAGRANGE ISLAND, UMR MILES 336.0-336.6, LIFERS LIGHT, UMR MILES 350.9-351.2	15-Aug-05 until further notice
MR 05-27	18-Aug-05	MISSISSIPPI RIVER, DREDGING, WHITNEY LIGHT, UMR MILES 313.0 – 313.5	21-Aug-05 until further notice
MR 05-28	26-Aug-05	MISSISSIPPI RIVER, , DREDGING, KEITHSBURG UPPER AND LOWER, UMR MILES 426.9, 425.2 – 425.8	26-Aug-05 to 09-Sept-05

MISSISSIPPI RIVER 2005 NAVIGATION NOTICE

NUMBER	DATE	SUBJECT/LOCATION	EFFECTIVE DATE
MR 05-29	29-Aug-05	MISSISSIPPI RIVER, LOCK WIDTH RESTRICTION, LOCK 17, UMR MILE 437.1, LOCK 21, UMR MILE 324.9, LOCK 22, UMR MILE 301.3	01-Jan-06 to 28-Feb-06
MR 05-30	29-Sep-05	MISSISSIPPI RIVER, HYDRAULIC DREDGING, SABULA LOWER, UMR MILE 533.0	01-15 Oct 05
MR 05-31	20-Oct-05	MISSISSIPPI RIVER, STRIKE REMOVAL, UMR MILE 402.5	21-Oct-05 until further notice
MR 05-32	8-Nov-05	LOCK CLOSURE, MISSISSIPPI RIVER, LOCK 18, UMR MILE 410.5	16,17,18 Nov 05
MR 05-33	17-Nov-05	WINTER LOCKAGE HOURS, MISSISSIPPI RIVER, LOCKS 11 – 22	15-Dec-05 to 15-Mar-06
MR 05-34	21-Nov-05	UPPER MISSISSIPPI RIVER ICE CONDITIONS, UMR MILE 301.2 - 615.1, LEGAL NOTICE TO NAVIGATION	
MR 05-35	14-Dec-05	MISSISSIPPI RIVER, MECHANICAL DREDGING (STRIKE REMOVAL), L/D 20 UPPER AND LOWER, UMR MILE 343.2	14-Dec-05 to 14-Jan-06
MR 05-36	30-Dec-05	MISSISSIPPI RIVER, LOCK CLOSURE, LOCKS AND DAM 20, UMR MILE 343.2	12, 13, 14, 15 Jan 2006
MR 05-37	30-Dec-05	MISSISSIPPI RIVER, LOCK CLOSURE, LOCK AND DAM 22, UMR MILE 301.2	18, 19, 24, 25 Jan 2006



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

Navigation Notice

River:	Date:
MISSISSIPPI RIVER	04 JANUARY 2005
Location:	Effective Period:
UMR MILE 300.7 RIGHT DESCENDING BANK	04 JANUARY 2005 UNTIL FURTHER NOTICE

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 04 January 2005 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.

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

MR 05 - 01



**US ARMY CORPS
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ROCK ISLAND
DISTRICT**

Navigation Notice

River:
MISSISSIPPI RIVER

Date:
13 January 2005

Location:
**LOCK 20,
UMR MILE 343.2**

Effective Period:
**24 JANUARY 2005 -
06 FEBRUARY 2005**

In Reply Refer to:
OD-MV

**MISSISSIPPI RIVER, LOCK CLOSURE,
LOCKS AND DAM 20, UMR MILE 343.2**

Lock and Dam No. 20, UMR Mile 343.2, will be closed to navigation beginning 0700 on 24 January 2005 and continue to be closed to navigation until 1730 on 6 Feb 2005. The closure is required to make welding repairs to the anchorages of miter gates #1, #2, #3 and #4.

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:

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

MR 05 - 02



**US ARMY CORPS
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ROCK ISLAND
DISTRICT

Navigation Notice

River:	Date:
MISSISSIPPI RIVER	03 FEBRUARY 2005

Location:	Effective Period:
LOCK 14, UMR MILE 493.3 RIGHT DESCENDING BANK	15 FEBRUARY 2005 - 17 FEBRUARY 2005

In Reply Refer to:
OD-MV

MISSISSIPPI RIVER, LOCK CLOSURE

LOCK AND DAM 14, UMR MILE 493.3

Lock and Dam No. 14, UMR Mile 493.3, will be closed to navigation beginning 0700 on 15 February 2005 and be closed through 1730 on 17 February 2005. The closure is required to make repairs to the #2 miter gate speed reducer machinery.

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.

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

MR 05 - 03



**US ARMY CORPS
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ROCK ISLAND
DISTRICT**

Navigation Notice

River:	Date:
MISSISSIPPI RIVER	03 MARCH 2005

Location:	Effective Period:
UMR MILE 493.8 RIGHT DESCENDING BANK	07 MARCH 2005 - 07 JUNE 2005

In Reply Refer to:
OD-MM

**MECHANICAL DREDGING, LOCK AND DAM 14
MISSISSIPPI RIVER, UMR MILE 493.8**

Mississippi River Maintenance Crews will commence mechanical dredging on the right descending bank just upstream of LOCK AND DAM No. 14. The work will be located in an area traversing approximately 300 feet upstream from the upper daymarker located at UMR mile 493.8. Work will be started on 07 March 2005 and is expected to continue until approximately 07 June 2005.

Mariners are requested to contact the M/V Moline on Channel 13 for passing instructions.

CAUTION is advised when transiting the area.

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

MR 05 - 04



**US ARMY CORPS
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DISTRICT**

Navigation Notice

River:	Date:
MISSISSIPPI RIVER	14 MARCH 2005

Location:	Effective Period:
UMR MILE 493.4 RIGHT DESCENDING BANK	14 MARCH 2005 - 14 APRIL 2005

In Reply Refer to:
OD-MM

**MECHANICAL DREDGING, POOL 14
MISSISSIPPI RIVER, UMR MILE 493.4**

Mechanical dredging will commence in pool 14, UMR 493.4, along the right descending bank (Lock 14 upper). Dredging will be performed Monday through Thursday from 0700 – 1700 hours commencing on 14 March 2005 and is expected to continue until approximately 14 April 2005.

Mariners are requested to contact the M/V Moline or the M/V Clinton on Channel 13, 16 or 82 for passing instructions thirty minutes prior to transiting this area.

CAUTION is advised when transiting the area.

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

MR 05 - 05



US ARMY CORPS
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ROCK ISLAND
DISTRICT

Navigation Notice

River:	Date:
MISSISSIPPI RIVER	04 APRIL 2005

Location:	Effective Period:
UMR MILE 482.8 RIGHT DESCENDING BANK	14 MARCH 2005 - 14 APRIL 2005

In Reply Refer to:
OD-MM

POSTPONED POSTPONED POSTPONED POSTPONED

MECHANICAL DREDGING, LOCK 15 LOWER

MISSISSIPPI RIVER, UMR MILE 482.8

This project has been postponed until further notice.

Mechanical Dredging will commence in pool 16, UMR 482.8, along the right descending bank (Lock 15 lower). The dredging will be performed Monday through Thursday from 0700 – 1700 hours commencing on 14 March 2005 and is expected to continue until approximately 14 April 2005.

Mariners are requested to contact M/V Muscatine or M/V Davenport on Channel 13, 16 or 82 for passing instructions thirty minutes prior to transiting this area.

CAUTION is advised when transiting the area.

This project has been postponed until further notice.

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

MR 05-07



US ARMY CORPS
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ROCK ISLAND
DISTRICT

Navigation Notice

River:	Date:
MISSISSIPPI RIVER	05 APRIL 2005

Location:	Effective Period:
UMR MILE 493.4 RIGHT DESCENDING BANK	14 MARCH 2005 - 14 APRIL 2005

In Reply Refer to:
OD-MM

POSTPONED POSTPONED POSTPONED POSTPONED POSTPONED

**MECHANICAL DREDGING, POOL 14
MISSISSIPPI RIVER, UMR MILE 493.4**

This project has been postponed until further notice.

Mechanical dredging will commence in pool 14, UMR 493.4, along the right descending bank (Lock 14 upper). Dredging will be performed Monday through Thursday from 0700 – 1700 hours commencing on 14 March 2005 and is expected to continue until approximately 14 April 2005.

Mariners are requested to contact the M/V Moline or the M/V Clinton on Channel 13, 16 or 82 for passing instructions thirty minutes prior to transiting this area.

CAUTION is advised when transiting the area.

This project has been postponed until further notice.

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

MR 05 - 08



**US ARMY CORPS
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ROCK ISLAND
DISTRICT**

Navigation Notice

River:	Date:
MISSISSIPPI RIVER	14 APRIL 2005

Location:	Effective Period:
LOCK 18, UMR MILE 410.5	26 APRIL 2005 and 28 APRIL 2005

In Reply Refer to:
OD-MV

MISSISSIPPI RIVER, LOCK CLOSURE

LOCK 18, UMR MILE 410.5

LOCK NO. 18, UMR Mile 410.5, will be closed to all navigation from 0700 to 1900 on both 26 April 2005 and 28 April 2005 to change miter gates #2 and #3.

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

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

MR 05 - 09



**US ARMY CORPS
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ROCK ISLAND
DISTRICT**

Navigation Notice

River:	Date:
MISSISSIPPI RIVER	14 APRIL 2005

Location:	Effective Period:
LOCK 17, UMR MILE 437.1	23 APRIL 2005

In Reply Refer to:
OD-MV

MISSISSIPPI RIVER, LOCK CLOSURE

LOCK 17, UMR MILE 437.1

LOCK NO. 17, UMR Mile 437.1, will be closed to all navigation from 0800 to 1300 on 23 April 2005 to change the bonnet on the #1 Miter Gate.

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

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

MR 05 - 10



**US ARMY CORPS
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ROCK ISLAND
DISTRICT

Navigation Notice

River:	Date:
MISSISSIPPI RIVER	04 MAY 2005

Location:	Effective Period:
LOCK 15, UMR 482.9	24 May 2005 and 26 MAY 2005

In Reply Refer to:
OD-MV

MISSISSIPPI RIVER, LOCK CLOSURE

LOCK 15, UMR MILE 482.9

LOCK NO. 15, UMR Mile 482.9, will be closed to all navigation from 0700 to 1900 on both 24 May 2005 and 26 May 2005 to change miter gates #1 and #3.

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

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

MR 05 - 11



US ARMY CORPS
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ROCK ISLAND
DISTRICT

Navigation Notice

River:	Date:
MISSISSIPPI RIVER	6 June 2005

Location:	Effective Period:
L/D 11	JUNE 21 2005 -
UMR MILE 583.0	JUNE 21 2005

In Reply Refer to:
OD-MM

**LOCK CLOSURE, LOCK AND DAM 11
MISSISSIPPI RIVER, UMR MILE 583.0**

LOCK AND DAM No. 11, UMR Mile 583.0, will be closed to all navigation on 21 June 2005 from 0700 to 1900 hours for the purpose of replacing the #3 miter gate strut arm.

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 05 - 12



**US ARMY CORPS
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ROCK ISLAND
DISTRICT**

Navigation Notice

River:	Date:
MISSISSIPPI RIVER	08 JUNE 2005

Location:	Effective Period:
HORSE ISLAND UMR MILE 476.2	13 JUNE 2005 - 27 JUNE 2005

In Reply Refer to:
OD-T

MISSISSIPPI RIVER

MECHANICAL DREDGING (STRIKE REMOVAL), HORSE ISLAND, UMR MILE 476.2, RIGHT DESCENDING BANK

Mechanical Dredging (Strike Removal) operations will commence on 13 June 2005 and continue until approximately 27 June 2005 at Horse Island, UMR Mile 476.2, right descending bank. Dredging will be performed Monday through Thursday, 10 hours per day, from 0700 hours to 1700 hours.

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.

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

MR 05 - 13



**US ARMY CORPS
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ROCK ISLAND
DISTRICT**

Navigation Notice

River:	Date:
MISSISSIPPI RIVER	08 JUNE 2005

Location:	Effective Period:
L/D 22 LOWER UMR MILE 301.0	27 JUNE 2005 - 18 JULY 2005

In Reply Refer to:
OD-T

**MISSISSIPPI RIVER
MECHANICAL DREDGING (STRIKE REMOVAL),
L/D 22 LOWER, UMR MILE 301.0**

Mechanical Dredging (Strike Removal) operations will commence on 27 June 2005 and continue until approximately 18 July 2005 at L/D 22 Lower, UMR Mile 301.0. Dredging will be performed Monday through Thursday, 10 hours per day, from 0700 hours to 1700 hours.

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

CAUTION is advised while transiting the area.

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

MR 05 - 14



US ARMY CORPS
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ROCK ISLAND
DISTRICT

Navigation Notice

River:	MISSISSIPPI RIVER	Date:	10 June 2005
Location:	LOCK 22, UMR MILE 301.2	Effective Period:	27 JUNE 2005 – 07 JULY 2005

In Reply Refer to:
OD-MV

MISSISSIPPI RIVER, LOCK CLOSURES, LOCK AND DAM 22, UMR MILE 301.2

Lock and Dam No. 22, UMR Mile 301.2, will be closed to navigation on 27 June, 29 June, 1 July, 5 July and 7 July 2005 from 0700 to 1900 each day. The closures are required to perform off shore soil borings upstream and downstream of the lock chamber. These borings are generally located in the path of Commercial cargo tows.

Lockage of recreational craft will still be allowed and craft are required to approach and enter the lock chamber at no wake speed.

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 05 - 15



**US ARMY CORPS
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ROCK ISLAND
DISTRICT**

Navigation Notice

River:
MISSISSIPPI RIVER

Date:
07 July 2005

Location:
**LOCK 19,
UMR MILE 364.3**

Effective Period:
**20 JULY 2005
21 JULY 2005**

In Reply Refer to:
OD-MV

**MISSISSIPPI RIVER, LOCK CLOSURE,
LOCK 19, UMR MILE 364.3**

Lock 19, UMR Mile 364.3, will be closed to navigation beginning 0700 through 1900 on both 20 July 2005 and 21 July 2005. The closure is required to make welding repairs to the #4 tainter valve.

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 05 - 16



US ARMY CORPS
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ROCK ISLAND
DISTRICT

Navigation Notice

River:	MISSISSIPPI RIVER	Date:	12 July 2005
Location:	LOCK 19, UMR MILE 364.3	Effective Period:	20 JULY 2005 21 JULY 2005

In Reply Refer to:
OD-MV

CANCELLED CANCELLED CANCELLED CANCELLED CANCELLED

THE FOLLOWING LOCK CLOSURE HAS BEEN CANCELLED

(Land based cranes will be used for this repair instead of the planned use of a floating crane. Using the land based cranes will not close the chamber to navigation)

MISSISSIPPI RIVER, LOCK CLOSURE,

LOCK 19, UMR MILE 364.3

Lock 19, UMR Mile 364.3, will **NOT** be closed to navigation beginning 0700 through 1900 on both 20 July 2005 and 21 July 2005.

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

MR 05 - 17



US ARMY CORPS
OF ENGINEERS
ROCK ISLAND
DISTRICT

Navigation Notice

River:	Date:
MISSISSIPPI RIVER	19 JULY 2005

Location:	Effective Period:
KEITHSBURG LOWER UMR MILE 425.2-425.3	19 JULY 2005 - 29 JULY 2005

In Reply Refer to:
OD-T

MISSISSIPPI RIVER
STRIKE REMOVAL (MECHANICAL DREDGING)
KEITHSBURG LOWER, UMR MILE 425.2 - 425.3

Strike Removal (Mechanical Dredging) operations have commenced at Keithsburg Lower, UMR Mile 425.2 - 425.3.

THE NAVIGATION CHANNEL IS CURRENTLY CLOSED UNTIL FURTHER NOTICE.

Dredging will be performed periodically between 0600 and 2100 hours until approximately 29 July 2005.

Mariners are requested to contact the M/V Davenport on channel 16, 13 or 82 for instructions.

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

MR 05 - 18



US ARMY CORPS
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ROCK ISLAND
DISTRICT

Navigation Notice

River:
MISSISSIPPI RIVER

Date:
19 JULY 2005

Location:
**HOGBACK ISLAND
UMR MILE 331.9**

Effective Period:
UNTIL FURTHER NOTICE

In Reply Refer to:
OD-T

**MISSISSIPPI RIVER
SOUNDINGS AT HOGBACK ISLAND,
UMR MILES 331.9**

**Soundings taken at Hogback Island, UMR Mile 331.9 on 12 July 2005
indicate actual soundings of 9.0 feet mid-channel with a stage of
+1.3 feet.**

EXTREME CAUTION is advised while transiting the area.

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

MR 05 - 19



US ARMY CORPS
OF ENGINEERS
ROCK ISLAND
DISTRICT

Navigation Notice

River:
MISSISSIPPI RIVER

Date:
21 JULY 2005

Location:
LAGRANGE
UMR MILE 336.1, RIGHT BANK

Effective Period:
UNTIL FURTHER NOTICE

In Reply Refer to:
OD-T

CORRECTED NAVIGATION NOTICE CORRECTED NAVIGATION NOTICE

MISSISSIPPI RIVER

**SOUNDINGS SURVEY, LAGRANGE,
UMR MILE 336.1, RIGHT BANK**

**Survey shows soundings of less than 9 feet on right bank at flat pool.
Stage at time of survey was 2.3 feet.**

EXTREME CAUTION is advised while transiting the area.

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

MR 05 - 20



US ARMY CORPS
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ROCK ISLAND
DISTRICT

Navigation Notice

River:
MISSISSIPPI RIVER

Date:
21 JULY 2005

Location:
**LIFERS LIGHT
UMR MILE 351.1, LEFT BANK**

Effective Period:
UNTIL FURTHER NOTICE

In Reply Refer to:
OD-T

CORRECTED NAVIGATION NOTICE CORRECTED NAVIGATION NOTICE

MISSISSIPPI RIVER

**SOUNDINGS SURVEY, LIFERS LIGHT,
UMR MILE 351.1, LEFT BANK**

Survey indicates shoal building to 100 feet off Red Buoy Line. Soundings of 8.5 feet with a stage of 2.1 feet at time of survey.

EXTREME CAUTION is advised while transiting the area.

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

MR 05 - 21



**US ARMY CORPS
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ROCK ISLAND
DISTRICT**

Navigation Notice

River:	Date:
MISSISSIPPI RIVER	28 July 2005

Location:	Effective Period:
LOCK 19, UMR MILE 364.3	15 Dec 2005 to 15 March 2006

In Reply Refer to:
OD-MV

LOCK CLOSURE, MISSISSIPPI RIVER

LOCK 19, UMR MILE 364.3

LOCK NO. 19, UMR Mile 364.3, will be closed to all navigation from 0730 on 15 December 2005 to 0730 on 15 March 2006 to perform major rehabilitation and maintenance work.

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

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

MR 05 - 22



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

Navigation Notice

River:	Date:
MISSISSIPPI RIVER	27 July 2005

Location:	Effective Period:
LOCK 11, UMR MILE 583.0	15 Dec 2005 to 15 March 2006

In Reply Refer to:
OD-MV

LOCK CLOSURE, MISSISSIPPI RIVER

LOCK 11, UMR MILE 583.0

LOCK NO. 11, UMR Mile 583.0, will be closed to all navigation from 0730 on 15 December 2005 to 1630 on 15 March 2006 to perform major rehabilitation and maintenance work.

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

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

MR 05 - 23



US ARMY CORPS
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ROCK ISLAND
DISTRICT

Navigation Notice

River:
MISSISSIPPI RIVER

Date:
11 AUGUST 2005

Location:
HOGBACK ISLAND
UMR MILE 331.1 – 332.0
LOCK 15 UPPER
UMR MILE 482.9

Effective Period:
03 AUGUST 2005 AND
01 AUGUST 2005
UNTIL FURTHER
NOTICE

In Reply Refer to:
OD-T

MISSISSIPPI RIVER

**DREDGING, HOGBACK ISLAND, UMR MILES 331.1 to 332.0,
LOCK 15 AUXILIARY UPPER, UMR MILE 482.9**

Hogback Island

The Dredge Goetz is expected to arrive Wednesday, 03 August 2005 at Hogback Island to commence dredging at UMR Mile 331.1 to 332.0.

Mariners are requested to contact the Dredge Goetz on marine channels 13 and 16.

Lock 15 Auxiliary Upper

Strike Removal (Mechanical Dredging) is to commence on approximately Tuesday August 2, 2005 between Center Bull Nose and the Upper Auxiliary gates.

Mariners are requested to contact the M/V Davenport on channel 14.

CAUTION is advised. The dredging operations are “No Wake” zones.

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

MR 05 - 24



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

Navigation Notice

River:	Date:
MISSISSIPPI RIVER	03 AUGUST 2005

Location:	Effective Period:
LOCKS 11,15,18,19,20,21	03 AUGUST 2005 30 SEPTEMBER 2005

In Reply Refer to:
OD-MV

Mississippi River Test Mooring Buoys L/D's 11, 15, 18, 19, 20, 21

In support of the Navigation and Ecosystem Sustainability Program (NESP), orange marker buoys have been placed in the following locations:

Lock 11, UMR Mile 583.6

Locks 15, UMR Mile 482.0

Lock 18, UMR Mile 409.8

Lock 19, UMR Mile 363.7

Lock 20, UMR Mile 342.6

Lock 21, UMR Mile 324.2

These buoy locations, chosen by a group of towing industry pilots, represent proposed locations of mooring buoys or mooring cells. The final location of these cells/buoys will be based on comments provided by the towing industry between now and 30 September 2005.

The purpose of permanent mooring buoys or cells is to bring waiting tows closer to the lock in order to reduce lock delay time and improve efficiency of the locks.

All tows approaching these locks should provide their comments, concerns, and suggestions to the lock staff on duty. The location of marker buoys may be adjusted from time to time as a result of comments received. The goal is to achieve industry consensus with regard to the final location of these cells.

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

MR 05-25



US ARMY CORPS
OF ENGINEERS
ROCK ISLAND
DISTRICT

Navigation Notice

River:
MISSISSIPPI RIVER

Date:
11 AUGUST 2005

Location:
LAGRANGE ISLAND
UMR MILES 336.0 – 336.6
LIFERS LIGHT
UMR MILES 350.9-351.2

Effective Period:
12 AUGUST 2005 AND
15 AUGUST 2005
UNTIL FURTHER NOTICE

In Reply Refer to:
OD-T

MISSISSIPPI RIVER

**DREDGING, LAGRANGE ISLAND, UMR MILES 336.0-336.6,
LIFERS LIGHT, UMR MILES 350.9-351.2**

LaGrange Island

The Dredge Goetz is expected to arrive Saturday, 12 August 2005 at La Grange Island to commence dredging at UMR Miles 336.0-336.6.

Mariners are requested to contact the Dredge Goetz on marine channels 13 and 16.

Lifers Light

Strike Removal (Mechanical Dredging) is to commence on approximately Monday August 14, 2005 at Lifers Light at UMR Miles 350.9-351.2.

Mariners are requested to contact the M/V Davenport on channel 14.

CAUTION is advised. The dredging operations are “No Wake” zones.

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



US ARMY CORPS
OF ENGINEERS
ROCK ISLAND
DISTRICT

Navigation Notice

River:
MISSISSIPPI RIVER

Date:
18 AUGUST 2005

Location:
WHITNEY LIGHT
UMR MILES 313.0 – 313.5

Effective Period:
21AUGUST 2005 –
UNTIL FURTHER NOTICE

In Reply Refer to:
OD-T

MISSISSIPPI RIVER

DREDGING

WHITNEY LIGHT, UMR MILES 313.0 – 313.5

WHITNEY LIGHT

The dredge Goetz is expected to arrive Sunday, 21 August 2005, at Whitney Light to commence dredging at UMR Miles 313.0 – 313.5. Dredging will be performed 24 hours per day, 7 days per week until further notice.

Mariners are requested to contact the dredge, Goetz, on channel 13 or 16 for passing instructions, 30 minutes in advance of arrival, as a crossing line will be in use.

CAUTION is advised as all dredging operations are a "NO WAKE" zone.

Daniel J. Johnson, P.E.
Chief, Regulatory Branch,
Operations Division

MR 05 - 27



US ARMY CORPS
OF ENGINEERS
ROCK ISLAND
DISTRICT

Navigation Notice

River:
MISSISSIPPI RIVER

Date:
26 AUGUST 2005

Location:
KEITHSBURG UPPER & LOWER
UMR MILES 426.9,425.7,425.2

Effective Period:
26AUGUST 2005 –
09 SEPTEMBER 2005

In Reply Refer to:
OD-T

MISSISSIPPI RIVER, DREDGING

KEITHSBURG UPPER AND LOWER, UMR MILES 426.9, 425.2 – 425.8

KEITHSBURG UPPER

The dredge, Goetz, will commence dredging operations on 26 August 2005 at UMR Mile 426.9 right descending bank. Placement will be along the left descending bank at UMR Mile 425.7 Dredging will be performed 24 hours per day, 7 days per week until approximately 31 August 2005.

Mariners are requested to contact the dredge, Goetz, on channel 13 or 16 or 82 for passing instructions 30 minutes in advance of arrival as a crossing line will be in use.

KEITHSBURG LOWER

On approximately 31 August 2005 dredging operations will commence at Keithsburg Lower, UMR Mile 425.2 – 425.8. Dredging will be performed 24 hours per day, 7 days per week until approximately 09 September 2005 along both the left and right banks.

Mariners are requested to contact the dredge, Goetz, on channel 13 or 16 or 82 for passing instructions 30 minutes in advance of arrival as a crossing line will be in use.

CAUTION is advised as all dredging operations are a “NO WAKE” zone.

George L. Hardison
Chief, Technical Services,
Operations Division



US ARMY CORPS
OF ENGINEERS
ROCK ISLAND
DISTRICT

Navigation Notice

River:	MISSISSIPPI RIVER	Date:	29 AUGUST 2005
Location:	LOCK 17, 21, 22 UMR MILE 437.1, 324.9, 301.2	Effective Period:	01 JANUARY 2006 to 28 FEBRUARY 2006

In Reply Refer to:
OD-MV

MISSISSIPPI RIVER

LOCK WIDTH RESTRICTION,

LOCK 17, UMR MILE 437.1
LOCK 21, UMR MILE 324.9
LOCK 22, UMR MILE 301.3

Installation of two (2) land wall checkpoints will occur at LOCK NO. 17, UMR Mile 437.1 between 01 January 2006 and 28 February 2006. When work commences it must be completed within 30 days. Two weeks advance notice will be given prior to beginning work. There will be a 70-foot width restriction on navigation and the use of the lock's tow haulage unit will not be available during this time frame.

Installation of two (2) landwall checkpoints will occur at LOCK NO. 21, UMR Mile 324.9 and LOCK NO. 22, UMR Mile 301.3 between 01 January 2006 and 31 January 2006. There will be a 70-foot width restriction on navigation and the use of the lock's tow haulage unit will not be available during this time frame.

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

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

MR 05 - 29



US ARMY CORPS
OF ENGINEERS
ROCK ISLAND
DISTRICT

Navigation Notice

River:
MISSISSIPPI RIVER

Date:
29 SEPTEMBER 2005

Location:
SABULA LOWER
UMR MILES 533.0

Effective Period:
01 OCTOBER 2005 –
15 OCTOBER 2005

In Reply Refer to:
OD-T

MISSISSIPPI RIVER,
HYDRAULIC DREDGING
SABULA LOWER, UMR MILE 533.0

SABULA LOWER

The dredge, Goetz, will commence hydraulic dredging operations on 01 October 2005 at UMR Mile 533.0 left descending bank. Dredging will be performed 24 hours per day, 7 days per week until approximately 15 October 2005.

Mariners are requested to contact the dredge, Goetz, on channel 13 or 16 or 82 for passing instructions 30 minutes in advance of arrival as a crossing line will be in use.

CAUTION is advised as all dredging operations are a "NO WAKE" zone.

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

MR 05 - 30



US ARMY CORPS
OF ENGINEERS
ROCK ISLAND
DISTRICT

Navigation Notice

River:	Date:
MISSISSIPPI RIVER	20 OCTOBER 2005

Location:	Effective Period:
UMR MILE 402.5	21 October 2005 – UNTIL FURTHER NOTICE

In Reply Refer to:
OD-T

MISSISSIPPI RIVER

STRIKE REMOVAL, UMR MILE 402.5

Strike Removal (Mechanical Dredging) is to commence at 1200 on October 24, 2005 at UMR Mile 402.5, left descending bank, Burlington Bluff. The work will be performed Monday through Friday, between 0700 hours and 1700 hours, for approximately 3 weeks.

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 as all dredging is a "NO WAKE" zone.

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

MR 05 - 31



US ARMY CORPS
OF ENGINEERS
ROCK ISLAND
DISTRICT

Navigation Notice

River:	Date:
MISSISSIPPI RIVER	8 NOVEMBER 2005

Location:	Effective Period:
UMR MILE 410.5	16,17,18 November 2005

In Reply Refer to:
OD-MM

LOCK CLOSURE, MISSISSIPPI RIVER

LOCK 18, UMR MILE 410.5

1. LOCK No. 18, UMR Mile 410.5, will be closed to all navigation on 16 November from 0700 to 1800 hours, 17 November from 0700 to 1800, and 18 November from 0700 to 1800 to perform temporary repairs on the #1 miter gate.
2. The Lock will reopen each evening following the closure and will remain open until the scheduled closure on the following morning.
3. Towboat operators are requested NOT to tie up on the guidewalls during these closure periods.
3. This notice is subject to change pending river conditions at time of closure.

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

MR 05 - 32



US ARMY CORPS
OF ENGINEERS
ROCK ISLAND
DISTRICT

Navigation Notice

River:	Date:
MISSISSIPPI RIVER	17 November 2005
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 12, 13, 14, 15, 16, 17, and 18 will lock traffic between 0800 and 1600, Monday through Friday only, during the period 15 December 2005 through 15 March 2006. Please contact the lockmaster in advance if lockage is required outside these hours. Locks 20, 21 and 22 will continue to lock traffic 24/7 depending on winter conditions.

Lock 11 and Lock 19 will be closed to navigation to perform major rehabilitation and maintenance work from 15 December 2005 to 15 March 2006.

Presently at Lock 19, the temporary sectional spare miter gate 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 confirm Lock 19 is operable due to winter conditions from now until the closure beginning on 15 December 2005.

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



US ARMY CORPS
OF ENGINEERS
ROCK ISLAND
DISTRICT

Navigation Notice

River: MISSISSIPPI RIVER	Date: 21 November 2005
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Location: SEE BELOW	Effective Period: SEE BELOW
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In Reply Refer to: CEMVR-OD-MV	LEGAL NOTICE TO NAVIGATION
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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. Currently, flows on the Mississippi River are slightly below normal for this time of year. As winter approaches and water temperatures drop, ice will form rapidly, reducing river flow by as much as 50% over the course of a few days. During this time, channel velocities will be minimal leading to ice build up at bends in the river and on submerged training structures. Once initial ice formation is complete, flows will rebound slightly, making movement somewhat less difficult.

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.

CEMVR-OD-MV

Legal Notice to Navigation:

Mississippi River
Ice Conditions
UMR Mile 301.2 - 615.1

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.

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.

William T. Gretten
Chief, Mississippi River Project
Operations Division

MR 05-34

NOTICE TO EDITORS:

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

Navigation Notice

River:	Date:
MISSISSIPPI RIVER	14 DECEMBER 2005

Location:	Effective Period:
L/D 20 UPPER AND LOWER, UMR MILE 343.2	14 DECEMBER 2005 - 14 JANUARY 2006

In Reply Refer to:
OD-T

**MISSISSIPPI RIVER
MECHANICAL DREDGING (STRIKE REMOVAL),
L/D 20 UPPER AND LOWER, UMR MILE 343.2**

Mechanical Dredging (Strike Removal) operations will commence on 14 December 2005 and continue until approximately 14 January 2006 at L/D 20, UMR Mile 343.2 upper and lower auxiliaries. Dredging will be performed Monday through Friday, 10 hours per day, from 0700 hours to 1700 hours.

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.

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

MR 05 - 35



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

Navigation Notice

River:
MISSISSIPPI RIVER

Date:
30 December 2005

Location:
**LOCK 20,
UMR MILE 343.2**

Effective Period:
12, 13, 14, 15 Jan 2006

In Reply Refer to:
OD-MV

**MISSISSIPPI RIVER, LOCK CLOSURE,
LOCKS AND DAM 20, UMR MILE 343.2**

Lock and Dam No. 20, UMR Mile 343.2, will be closed to navigation beginning 0700 on 12 January 2006 and continue to be closed to navigation until 1730 on 15 Jan 2006. The closure is required to make bushing repairs, I-bar repairs, strut arm repairs and coupler repairs to miter gates #1 and #3.

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:

**Dennis Shannon, P.E.
Chief, Lock and Dam Section**

MR 05 - 36



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

Navigation Notice

River:
MISSISSIPPI RIVER

Date:
30 Dec 2005

Location:
**LOCK 22,
UMR MILE 301.2**

Effective Period:
18, 19, 24, 25 Jan 2006

In Reply Refer to:
OD-MV

MISSISSIPPI RIVER, LOCK CLOSURE, LOCK AND DAM 22, UMR MILE 301.2

Lock and Dam No. 22, UMR Mile 301.2, will be closed to navigation beginning at 0700 on 18 January 2006 and continue to be closed to navigation until 1730 on 19 January 2006 . Lock and Dam No. 22 will again be closed to navigation beginning at 0700 on 24 January 2006 and continue to be closed to navigation until 1730 on 25 January 2006 . The closures are required to install adjusting appurtenances to the #1, #2, #3 and #4 miter gate machinery. 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:

**Dennis Shannon, P.E.
Chief, Lock and Dam Section**