

## **MISSISSIPPI RIVER 1996 NAVIGATION NOTICE**

<b>NUMBER</b>	<b>DATE</b>	<b>SUBJECT/LOCATION</b>	<b>EFFECTIVE DATE</b>
MR 96- 01	18-Jan-96	LOCK CLOSURE, MISSISSIPPI RIVER, LOCK AND DAM 19, UMR MILE 364.2	23-24 Jan 1996
MR 96- 02	7-Mar-96	EROSION, MISSISSIPPI RIVER, UMR MILE 438.0,	
MR 96- 03	5-Apr-96	SHOALING, MISSISSIPPI RIVER, UMR MILE 461.3	
MR 96- 04	16-Apr-96	LOCK CLOSURE, LOCK AND DAM 22, MISSISSIPPI RIVER, UMR MILE 301.2,	30-Apr-96
MR 96- 05	19-Apr-96	SHOALING, MISSISSIPPI RIVER, UMR MILE 413.5	
MR 96- 06	4-Jun-96	SHOALING, MISSISSIPPI RIVER, OQUAWKA LOWER, UMR MILE 414.8	
MR 96- 07	18-Jul-96	SHOALING, MISSISSIPPI RIVER, HOGBACK /LONETREE, UMR MILE 331.7	
MR 96- 08	30-Jul-96	MISSISSIPPI RIVER AND ILLINOIS WATERWAY	
MR 96- 09	1-Aug-96	LOCK CLOSURE, MISSISSIPPI RIVER, LOCK AND DAM 21 AND LOCK AND DAM 22	21-Aug-96 & 28-Aug-96
MR 96- 10	2-Aug-96	SHOALING, MISSISSIPPI RIVER, LOCK AND DAM 22, LOWER APPROACH, UMR MILE 300.7	
MR 96- 11	7-Aug-96	DREDGING, MISSISSIPPI RIVER, UMR MILE 300.8	9-16 Aug 96
MR 96- 12	13-Aug-96	LOCK CLOSURE, LOCK AND DAM 20, MISSISSIPPI RIVER, UMR MILE 343.0	10 - 11 Sept 96
MR 96- 13	16-Aug-96	NAVIGATION CHANNEL CLOSURE, MISSISSIPPI RIVER, LOWER LOCK AND DAM 22, UMR MILE 301.0	17-Aug-96
IMR96- 14	19-Aug-96	DREDGING, MISSISSIPPI RIVER, WHITNEY LOCK, UMR MILE 313.0, NORTHEAST POWER, UMR MILE 320.0	19-Aug-96 until further notice

## **MISSISSIPPI RIVER 1996 NAVIGATION NOTICE**

<b>NUMBER</b>	<b>DATE</b>	<b>SUBJECT/LOCATION</b>	<b>EFFECTIVE DATE</b>
MR 96- 15	20-Aug-96	LOCK CLOSURE, MISSISSIPPI RIVER, LOCK NO. 19, UMR MILE 364.0	28-Aug-96
MR 96- 16	21-Aug-96	DREDGING, MISSISSIPPI RIVER, HOGBACK, UMR MILE 331.5	26-Aug-96 until further notice
MR 96- 17	27-Aug-96	DREDGING, MISSISSIPPI RIVER, NORTHEAST POWER, UMR MILE 320.0	29-Aug-96 until further notice
MR 96- 18	27-Aug-96	DREDGING, MISSISSIPPI RIVER, HOWARDS, UMR MILE 338.8	3-Sept-96 until further notice
MR 96- 19	29-Aug-96	REVISION TO NAVIGATION NOTICE MR 96-18, DREDGING, MISSISSIPPI RIVER, HOWARDS, UMR MILE 338.8	30-Aug-96 until further notice
MR 96- 20	9-Sep-96	DREDGING, MISSISSIPPI RIVER, BUZZARD ISLAND, UMR MILE 349.0	9-Sept-96 until further notice
MR 96- 21	11-Sep-96	DREDGING, MISSISSIPPI RIVER, BENTON ISLAND, UMR MILE 420.0	11-Sept-96 until further notice
MR 96- 22	17-Sep-96	DREDGING, MISSISSIPPI RIVER, HURON ISLAND, UMR MILE 425.0	20-Sept-96 until further notice
MR 96- 23	23-Sep-96	LOCK CLOSURES, MISSISSIPPI RIVER, LOCK AND DAM 12, UMR MILE 557.0, LOCK AND DAM 15, UMR MILE 483.0	24-Dec-96 to 1-Mar-97
MR 96- 24	27-Sep-96	LOCK CLOSURES, MISSISSIPPI RIVER, LOCK AND DAM 12, UMR MILE 557.0, LOCK AND DAM 15, UMR MILE 483.0	26-Dec-96 to 1-Feb-97
MR 96- 25	1-Oct-96	SHOALING, MISSISSIPPI RIVER, UMR MILE 461.5 TO 462.0	
MR 96- 26	4-Oct-96	LOCK 19, MISSISSIPPI RIVER, UMR MILE 364.0	21-Oct-96 to 8-Nov-96
MR 96- 27	16-Oct-96	LOCK CLOSURE, MISSISSIPPI RIVER, LOCK/DAM 11, UMR MILE 583.0	16-Dec-96 to 1-Mar-97
MR 96- 28	1-Nov-96	UPPER MISSISSIPPI RIVER ICE CONDITIONS, UMR MILE 301.2 - 615.1, LEGAL NOTICE TO NAVIGATION	

## ***MISSISSIPPI RIVER 1996 NAVIGATION NOTICE***

<b>NUMBER</b>	<b>DATE</b>	<b>SUBJECT/LOCATION</b>	<b>EFFECTIVE DATE</b>
<b>MR 96- 29</b>	<b>19-Nov-96</b>	<b>LOCK CLOSURE, MISSISSIPPI RIVER, LOCK NO. 19, UMR MILE 364.0</b>	<b>6-Jan-97 to 1-Feb-97</b>
<b>MR 96- 30</b>	<b>21-Nov-96</b>	<b>LOCK CLOSURE, MISSISSIPPI RIVER, LOCK NO. 14, UMR MILE 493.0</b>	<b>1-Dec-97 to 6-Mar-98</b>
<b>MR 96- 31</b>	<b>11-Dec-96</b>	<b>REVISION, LOCK CLOSURE, MISSISSIPPI RIVER, LOCK AND DAM 22, UMR MILE 301.0</b>	<b>2-Jan-97 to 1-Feb-97</b>



US ARMY CORPS  
OF ENGINEERS  
ROCK ISLAND  
DISTRICT

# Navigation Notice

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River:	Date:
<b>MISSISSIPPI RIVER</b>	<b>18 JANUARY 1996</b>

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Location:	Effective Period:
<b>UMR MILE 364.2</b>	<b>SEE BELOW</b>

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In Reply Refer to:  
**OD-MM**

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**LOCK CLOSURE, MISSISSIPPI RIVER  
LOCK AND DAM 19, UMR MILE 364.2**

1. Lock and Dam 19, UMR Mile 364.2, will be closed to all river traffic on 23 and 24 January 1996 from 0700 to 1700 hours each day. Lock closure is required for the purpose of repairing the lower miter gate anchor pin.

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

**FOR THE DISTRICT ENGINEER:**

**JAMES H. BLANCHAR, P.E.  
Chief, Operations Division**

**MR 96-01**



US ARMY CORPS  
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ROCK ISLAND  
DISTRICT

# Navigation Notice

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River:	Date:
<b>MISSISSIPPI RIVER</b>	<b>7 MARCH 1996</b>

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Location:	Effective Period:
<b>UMR MILE 438.0</b>	<b>SEE BELOW</b>

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In Reply Refer to:  
**OD-M**

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**EROSION, MISSISSIPPI RIVER  
UMR MILE 438.0**

Due to erosion of Illinois shoreline adjacent to Bay Island Levee, vicinity of UMR Mile 438.0 (upper lock area), mariners are URGED to avoid the area as much as possible, and/or minimize propeller/rudder action which would cause further deterioration of the shoreline.

FOR THE DISTRICT ENGINEER:

**JAMES H. BLANCHAR, P.E.**  
Chief, Operations Division

MR 96-02



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ROCK ISLAND  
DISTRICT

# Navigation Notice

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River:	Date:
<b>MISSISSIPPI RIVER</b>	<b>5 APRIL 1996</b>

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Location:	Effective Period:
<b>UMR MILE 461.3</b>	<b>SEE BELOW</b>

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In Reply Refer to:  
**OD-T**

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**SHOALING, MISSISSIPPI RIVER  
UMR MILE 461.3**

1. The COE survey vessel Sweatt has reported shoaling along the black buoy to centerline of channel at Hershey Chute Lower, UMR Mile 461.3. Depths of 7.0 feet were observed with Lock and Dam #16 upper gage at 543.5.
2. Mariners are urged to favor the red buoy side when transiting the area.
3. CAUTION is advised.

FOR THE DISTRICT ENGINEER:

JAMES H. BLANCHAR, P.E.  
Chief, Operations Division

MR 96-03



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

# Navigation Notice

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River:	Date:
<b>MISSISSIPPI RIVER</b>	<b>16 APRIL 1996</b>

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Location:	Effective Period:
<b>LOCK AND DAM 22 UMR MILE 301.2</b>	<b>SEE BELOW</b>

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In Reply Refer to:  
**OD-MMS**

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

1. Effective 30 April 1996, Lock and Dam 22, UMR Mile 301.2, will be closed to all river traffic for approximately 10 hours, commencing at 0700 hours, for the purpose of changing the #1 miter gate.
2. Effective 01 May 1996, Lock No. 22 will again be closed to all river traffic for approximately 10 hours, commencing at 0700 hours, for the purpose of changing the #3 miter gate.
3. Towboat operators are requested NOT to tie up on the guidewalls during these closure periods.

**FOR THE DISTRICT ENGINEER:**

**JAMES H. BLANCHAR, P.E.  
Chief, Operations Division**

**MR 96-04**



US ARMY CORPS  
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ROCK ISLAND  
DISTRICT

# Navigation Notice

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River:	Date:
<b>MISSISSIPPI RIVER</b>	<b>19 APRIL 1996</b>

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Location:	Effective Period:
<b>UMR MILE 413.5</b>	<b>SEE BELOW</b>

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In Reply Refer to:  
**OD-T**

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**SHOALING, MISSISSIPPI RIVER  
UMR MILE 413.5**

1. The COE survey vessel Sweatt has reported shoaling extending 50-100 feet channelward of the black buoy line at Fernal Island Light and Daymark, UMR Mile 413.5. Depths of 6.0 feet were observed with Lock and Dam #18 upper gage at 528.0.
2. Mariners are urged to favor the centerline when transiting the area.
3. CAUTION is advised.

FOR THE DISTRICT ENGINEER:

JAMES H. BLANCHAR, P.E.  
Chief, Operations Division

MR 96-05



US ARMY CORPS  
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ROCK ISLAND  
DISTRICT

# Navigation Notice

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River:	Date:
<b>MISSISSIPPI RIVER</b>	<b>04 JUNE 1996</b>

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Location:	Effective Period:
<b>UMR MILE 414.8</b>	<b>SEE BELOW</b>

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In Reply Refer to:  
**OD-T**

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**SHOALING, MISSISSIPPI RIVER  
OQUAWKA LOWER, UMR MILE 414.8**

1. Recent hydrographic surveys of Oquawka lower, UMR mile 414.8, indicate shoaling exists along the right descending bank between river miles 414.5 - 415.1. Continuing high river flows have contributed to southbound tows experiencing difficulties in navigating this reach of the river.
2. Survey reveals adequate buoy placement throughout this area.
3. CAUTION is advised while transiting the area.

Charles S. Cox  
Colonel, U.S. Army  
District Engineer

MR 96-06



US ARMY CORPS  
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ROCK ISLAND  
DISTRICT

# Navigation Notice

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River:	Date:
<b>MISSISSIPPI RIVER</b>	<b>18 JULY 1996</b>

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Location:	Effective Period:
<b>SEE BELOW</b>	<b>SEE BELOW</b>

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In Reply Refer to:  
**OD-T**

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## SHOALING, MISSISSIPPI RIVER HOGBACK /LONETREE, UMR MILE 331.7

1. Shoaling has developed across the entire channel at Hogback/Lonetree, UMR Mile 331.7. Depths of 9.5 feet - 10.0 feet were recorded with Lock & Dam 21 pool reading at 12.7.
2. Mariners are advised to limit tow draft accordingly.
3. CAUTION is advised while transiting the area.

FOR THE DISTRICT ENGINEER:

**JAMES H. BLANCHAR, P.E.**  
Chief, Operations Division

**MR 96-07**



US ARMY CORPS  
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DISTRICT

# Navigation Notice

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River:	Date:
MISSISSIPPI RIVER / ILLINOIS WATERWAY	30 JULY 1996

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Location:	Effective Period:
SEE BELOW	SEE BELOW

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In Reply Refer to:  
OD-T

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## MISSISSIPPI RIVER AND ILLINOIS WATERWAY

In order to provide better customer service, the Rock Island District has established emergency telephone numbers for reporting Navigation Channel groundings and closures. To report situations of importance, call

Mississippi River (319) 328-2718

Illinois Waterway (319) 328-2719

FOR THE DISTRICT ENGINEER:

JAMES H. BLANCHAR, P.E.  
Chief, Operations Division

MR 96-08



US ARMY CORPS  
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ROCK ISLAND  
DISTRICT

# Navigation Notice

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River:  
**MISSISSIPPI RIVER**

Date:  
**01 AUGUST 1996**

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Location:  
**LOCK AND DAM 21 UMR MILE 325.0**  
**LOCK AND DAM 22 UMR MILE 301.0**

Effective Period:  
**SEE BELOW**

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In Reply Refer to:  
**OD-MM**

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**LOCK CLOSURE, MISSISSIPPI RIVER  
LOCK AND DAM 21 AND LOCK AND DAM 22**

1. LOCK NO. 21, UMR MILE 325.0, will be closed to all river traffic for the purpose of replacing the number 2 gate on 21 August 1996, 0700 to 1900 hours.
2. LOCK NO. 22, UMR MILE 301.0, will be closed to all river traffic for the purpose of replacing the number 2 gate on 28 August 1996, 0700 to 1900 hours.
3. Towboat operators are requested NOT to tie up on the guidewalls during these closure periods.

**FOR THE DISTRICT ENGINEER:**

**JAMES H. BLANCHAR, P.E.**  
Chief, Operations Division

MR 96-09



US ARMY CORPS  
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ROCK ISLAND  
DISTRICT

# Navigation Notice

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River:	Date:
MISSISSIPPI RIVER	02 AUGUST 1996

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Location:	Effective Period:
SEE BELOW	SEE BELOW

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In Reply Refer to:  
OD-T

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## SHOALING, MISSISSIPPI RIVER LOCK AND DAM 22, LOWER APPROACH, UMR MILE 300.7

1. Shoaling has developed across the entire channel at the lower approach to Lock and Dam 22, UMR mile 300.7. Depths as shallow as 5.0 feet were observed with Lock and Dam 22 tailwater reading at 10.0 feet.
2. Dredging in this area is scheduled for the second or third week of August.
3. Mariners are advised to limit tow draft accordingly.
4. CAUTION is advised while transiting the area.

FOR THE DISTRICT ENGINEER:

JAMES H. BLANCHAR, P.E.  
Chief, Operations Division

MR 96-10



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ROCK ISLAND  
DISTRICT

# Navigation Notice

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River:	Date:
MISSISSIPPI RIVER	07 AUGUST 1996

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Location:	Effective Period:
UMR MILE 300.8	SEE BELOW

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In Reply Refer to:  
OD-T

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## DREDGING, MISSISSIPPI RIVER, UMR MILE 300.8

1. The Dredge William A. Thompson will commence channel maintenance dredging operations at the lower approach to Lock and Dam 22, UMR mile 300.8 on 9 August 1996.
2. The dredge will be working 24 hours per day, 7 days per week, until approximately 16 August 1996.
3. Mariners are requested to contact the dredge on channel 13 or 16 for passing instructions.
4. Due to the close proximity of the dredge to the lower approach, **EXTREME CAUTION** is advised while transiting the area.

FOR THE DISTRICT ENGINEER:

JAMES H. BLANCHAR, P.E.  
Chief, Operations Division

MR 96-11



**US ARMY CORPS  
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ROCK ISLAND  
DISTRICT

# Navigation Notice

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River:	Date:
<b>MISSISSIPPI RIVER</b>	<b>13 AUGUST 1996</b>

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Location:	Effective Period:
<b>UMR MILE 343.0</b>	<b>SEE BELOW</b>

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In Reply Refer to:  
**OD-MM**

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

- 1. LOCK AND DAM No. 20, UMR Mile 343.0, will be closed to all river traffic on 10 - 11 September from 0700 to 1900 hours for the purpose of removing the upper and lower gates for repair.**
- 2. Towboat operators are requested NOT to tie up on the guidewalls during these closure periods.**

**FOR THE DISTRICT ENGINEER:**

**JAMES H. BLANCHAR, P.E.**  
**Chief, Operations Division**

**MR 96-12**



**US ARMY CORPS  
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ROCK ISLAND  
DISTRICT**

# Navigation Notice

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River:	Date:
<b>MISSISSIPPI RIVER</b>	<b>16 AUGUST 1996</b>

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Location:	Effective Period:
<b>LOWER L/D 22 UMR MILE 301.0</b>	<b>SEE BELOW</b>

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In Reply Refer to:  
**OD-T**

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**NAVIGATION CHANNEL CLOSURE  
MISSISSIPPI RIVER  
LOWER LOCK AND DAM 22  
UMR MILE 301.0**

1. The navigation channel at LOWER LOCK AND DAM No. 22, UMR MILE301.0, is closed to all river traffic due to a grounding.
2. The Dredge William A. Thompson is on-site. It is estimated that the channel will be open to navigation late Saturday, 17 August 1996.

**FOR THE DISTRICT ENGINEER:**

**JAMES H. BLANCHAR, P.E.  
Chief, Operations Division**

**MR 96-13**



**US ARMY CORPS  
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ROCK ISLAND  
DISTRICT**

# Navigation Notice

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River:	Date:
<b>MISSISSIPPI RIVER</b>	<b>19 AUGUST 1996</b>

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Location:	Effective Period:
<b>SEE BELOW</b>	<b>SEE BELOW</b>

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In Reply Refer to:  
**OD-T**

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**DREDGING, MISSISSIPPI RIVER  
WHITNEY LOCK, UMR MILE 313.0  
NORTHEAST POWER, UMR MILE 320.0**

**1. The Dredge William A. Thompson will commence channel maintenance dredging at**

**19 AUGUST 1996 - WHITNEY LIGHT, UMR MILE 313.0**

**21 AUGUST 1996 - NORTHEAST POWER, UMR MILE 320.0**

The dredge will be working 24 hours per day, seven days per week until further notice.

**2. Mariners are requested to contact the dredge on channel 13 or 16 for passing instructions.**

**3. CAUTION is advised while transiting the area.**

**FOR THE DISTRICT ENGINEER:**

**JAMES H. BLANCHAR, P.E.  
Chief, Operations Division**

**MR 96-14**



**US ARMY CORPS  
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ROCK ISLAND  
DISTRICT**

# Navigation Notice

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River:	Date:
<b>MISSISSIPPI RIVER</b>	<b>20 AUGUST 1996</b>

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Location:	Effective Period:
<b>SEE BELOW</b>	<b>SEE BELOW</b>

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In Reply Refer to:  
**OD-MV**

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## **LOCK CLOSURE, MISSISSIPPI RIVER**

**LOCK NO. 19, UMR MILE 364.0**

**LOCK NO. 19, UMR Mile 364.0, will be closed to all river traffic on 28 August 1996 from 7:00 a.m. to 7:00 p.m. Lock closure is required for the purpose of repair to the service gate seal.**

**FOR THE DISTRICT ENGINEER:**

**JAMES H. BLANCHAR, P.E.  
Chief, Operations Division**

**MR 96-15**



**US ARMY CORPS  
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ROCK ISLAND  
DISTRICT**

# Navigation Notice

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River:	Date:
<b>MISSISSIPPI RIVER</b>	<b>21 AUGUST 1996</b>

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Location:	Effective Period:
<b>HOGBACK, UMR MILE 331.5</b>	<b>SEE BELOW</b>

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In Reply Refer to:  
**OD-T**

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## **DREDGING, MISSISSIPPI RIVER**

### **HOGBACK, UMR MILE 331.5**

- 1. The Dredge William A. Thompson will commence channel maintenance dredging at Hogback, UMR Mile 331.5, on 26 August 1996. The dredge will be working 24 hours per day, seven days per week until further notice.**
- 2. Mariners are requested to contact the dredge on channel 13 or 16 for passing instructions.**
- 3. CAUTION is advised while transiting the area.**

**FOR THE DISTRICT ENGINEER:**

**JAMES H. BLANCHAR, P.E.  
Chief, Operations Division**

**MR 96-16**



**US ARMY CORPS  
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ROCK ISLAND  
DISTRICT**

# Navigation Notice

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River:	Date:
<b>MISSISSIPPI RIVER</b>	<b>27 AUGUST 1996</b>

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Location:	Effective Period:
<b>NORTHEAST POWER</b>	<b>SEE BELOW</b>

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In Reply Refer to:  
**OD-T**

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**DREDGING, MISSISSIPPI RIVER  
NORTHEAST POWER, UMR MILE 320.0**

- 1. The Dredge William A. Thompson will resume channel maintenance dredging at Northeast Power, UMR MILE 320.0 on 29 August 1996. The dredge will be working 24 hours per day, seven days per week until further notice.**
- 2. Mariners are requested to contact the dredge on channel 13 or 16 for passing instructions.**
- 3. CAUTION is advised while transiting the area.**

**FOR THE DISTRICT ENGINEER:**

**JAMES H. BLANCHAR, P.E.  
Chief, Operations Division**

**MR 96-17**



**US ARMY CORPS  
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ROCK ISLAND  
DISTRICT**

# Navigation Notice

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River:	Date:
<b>MISSISSIPPI RIVER</b>	<b>27 AUGUST 1996</b>

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Location:	Effective Period:
<b>HOWARDS</b>	<b>SEE BELOW</b>

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In Reply Refer to:  
**OD-T**

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## **DREDGING, MISSISSIPPI RIVER**

**HOWARDS, UMR MILE 338.8**

- 1. The Dredge William A. Thompson will commence channel maintenance dredging at Howards, UMR mile 338.8 on 3 September 1996. The dredge will be working 24 hours per day, seven days per week until further notice.**
- 2. Mariners are requested to contact the dredge on channel 13 or 16 for passing instructions.**
- 3. CAUTION is advised while transiting the area.**

**FOR THE DISTRICT ENGINEER:**

**JAMES H. BLANCHAR, P.E.  
Chief, Operations Division**

**MR 96-18**



US ARMY CORPS  
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DISTRICT

# Navigation Notice

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River:	Date:
MISSISSIPPI RIVER	29 AUGUST 1996

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Location:	Effective Period:
HOWARDS	SEE BELOW

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In Reply Refer to:  
OD-T

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**\*\*REVISION TO NAVIGATION NOTICE MR 96-18\*\***

**DREDGING, MISSISSIPPI RIVER**

**HOWARDS, UMR MILE 338.8**

1. Due to a grounding, the date has been changed when the Dredge William A. Thompson will commence channel maintenance dredging at Howards, UMR mile 338.8. The dredging will commence 30 August 1996. The dredge will be working 24 hours per day, seven days per week, until further notice.
2. Mariners are requested to contact the dredge on channel 13 or 16 for passing instructions.
3. CAUTION is advised while transiting the area.

FOR THE DISTRICT ENGINEER:

JAMES H. BLANCHAR, P.E.  
Chief, Operations Division

MR 96-19



**US ARMY CORPS  
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DISTRICT**

# Navigation Notice

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River:	Date:
<b>MISSISSIPPI RIVER</b>	<b>09 SEPTEMBER 1996</b>

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Location:	Effective Period:
<b>BUZZARD ISLAND UMR MILE 349.0</b>	<b>SEE BELOW</b>

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In Reply Refer to:  
**OD-T**

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**DREDGING, MISSISSIPPI RIVER  
BUZZARD ISLAND, UMR MILE 349.0**

- 1. The Dredge William A. Thompson will commence channel maintenance dredging at Buzzard Island, UMR mile 349.0, on 9 September 1996. The dredge will be working 24 hours per day, seven days per week, until further notice.**
- 2. Mariners are requested to contact the dredge on channel 13 or 16 for passing instructions.**
- 3. CAUTION is advised while transiting the area.**

**FOR THE DISTRICT ENGINEER:**

**JAMES H. BLANCHAR, P.E.  
Chief, Operations Division**

**MR 96-20**



**US ARMY CORPS  
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ROCK ISLAND  
DISTRICT**

# Navigation Notice

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River:	Date:
<b>MISSISSIPPI RIVER</b>	<b>11 SEPTEMBER 1996</b>

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Location:	Effective Period:
<b>BENTON ISLAND UMR MILE 420.0</b>	<b>SEE BELOW</b>

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In Reply Refer to:  
**OD-T**

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**DREDGING, MISSISSIPPI RIVER  
BENTON ISLAND, UMR MILE 420.0**

- 1. The Dredge William A. Thompson will commence channel maintenance dredging at Benton Island, UMR mile 420.0, on 11 September 1996.**
- 2. The dredge will be working 24 hours per day, seven days per week, until further notice.**
- 3. Mariners are requested to contact the dredge on channel 13 or 16 for passing instructions.**
- 4. EXTREME CAUTION is advised while transiting the area.**

**FOR THE DISTRICT ENGINEER:**

**JAMES H. BLANCHAR, P.E.  
Chief, Operations Division**

**MR 96-21**



**US ARMY CORPS  
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ROCK ISLAND  
DISTRICT**

# Navigation Notice

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River:	Date:
<b>MISSISSIPPI RIVER</b>	<b>17 SEPTEMBER 1996</b>

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Location:	Effective Period:
<b>HURON ISLAND UMR MILE 425.0</b>	<b>SEE BELOW</b>

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In Reply Refer to:  
**OD-T**

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**DREDGING, MISSISSIPPI RIVER  
HURON ISLAND, UMR MILE 425.0**

- 1. The Dredge William A. Thompson will commence channel maintenance dredging at Huron Island, UMR mile 425.0, on 20 September 1996.**
- 2. The dredge will be working 24 hours per day, seven days per week, until further notice.**
- 3. Mariners are requested to contact the dredge on channel 13 , 16 or 73 for passing instructions.**
- 4. EXTREME CAUTION is advised while transiting the area.**

**FOR THE DISTRICT ENGINEER:**

**JAMES H. BLANCHAR, P.E.  
Chief, Operations Division**

**MR 96-22**



US ARMY CORPS  
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ROCK ISLAND  
DISTRICT

# Navigation Notice

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River:	Date:
MISSISSIPPI RIVER	23 SEPTEMBER 1996

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Location:	Effective Period:
SEE BELOW	SEE BELOW

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In Reply Refer to:  
OD-MV

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## LOCK CLOSURES, MISSISSIPPI RIVER

LOCK AND DAM 12, UMR MILE 557.0  
LOCK AND DAM 15, UMR MILE 483.0

1. LOCK AND DAM NO. 12, UMR 557.0, will be closed to all navigation from 24 December 1996 , 0800 hours, to 1 March 1997, 0800 hours, for contractor repair of the upper guidewall.
2. Tows are requested NOT to tie off on the guidewall during this closure.
3. LOCK AND DAM NO. 15, UMR MILE 483.0, will be closed to all navigation from 24 December 1996, 0800 hours, to 1 March 1997, 0800 hours, for contractor repair of the upper guidewall.
4. Tows are requested NOT to tie off on the guidewall during this closure.

FOR THE DISTRICT ENGINEER:

JAMES H. BLANCHAR, P.E.  
Chief, Operations Division

MR 96-23



US ARMY CORPS  
OF ENGINEERS  
ROCK ISLAND  
DISTRICT

# Navigation Notice

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River:	Date:
MISSISSIPPI RIVER	27 SEPTEMBER 1996

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Location:	Effective Period:
SEE BELOW	SEE BELOW

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In Reply Refer to:  
OD-MV

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## LOCK CLOSURES, MISSISSIPPI RIVER

### LOCK AND DAM 22, UMR MILE 301.0

1. LOCK AND DAM NO. 22, UMR 301.0, will be closed to all navigation from 26 December 1996 , 0800 hours, to 1 February 1997, 0800 hours, for repair of the #3 miter gate machinery and anchorage.
2. Tows are requested NOT to tie off on the guidewall during this closure.

FOR THE DISTRICT ENGINEER:

JAMES H. BLANCHAR, P.E.  
Chief, Operations Division

MR 96-24



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

# Navigation Notice

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River:	Date:
<b>MISSISSIPPI RIVER</b>	<b>1 OCTOBER 1996</b>

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Location:	Effective Period:
<b>SEE BELOW</b>	<b>SEE BELOW</b>

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In Reply Refer to:  
**OD-T**

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## **SHOALING, MISSISSIPPI RIVER**

**UMR MILE 461.5 TO 462.0**

**1. Shoaling exists along the black buoy line at UMR Mile 461.5 to 462.0.**

**Mariners are advised to favor the channel centerline to red buoy side.**

**2. EXTREME CAUTION is advised while transiting the area.**

**FOR THE DISTRICT ENGINEER:**

**JAMES H. BLANCHAR, P.E.  
Chief, Operations Division**

**MR 96-25**



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

# Navigation Notice

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River:	Date:
<b>MISSISSIPPI RIVER</b>	<b>16 OCTOBER 1996</b>

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Location:	Effective Period:
<b>LOCK/DAM 11, UMR MILE 583.0</b>	<b>SEE BELOW</b>

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In Reply Refer to:  
**OD-MV**

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## **LOCK CLOSURE, MISSISSIPPI RIVER**

### **LOCK/DAM 11, UMR MILE 583.0**

**1. LOCK NO. 11, UMR Mile 583.0, will be closed to all navigation from 16 December 1996, 0800, through 1 March 1997, 0800, for construction on bulkhead recesses.**

**FOR THE DISTRICT ENGINEER:**

**JAMES H. BLANCHAR, P.E.  
Chief, Operations Division**

**MR 96-27**



US ARMY CORPS  
OF ENGINEERS  
ROCK ISLAND  
DISTRICT

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# Navigation Notice

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River:	Date:
<b>MISSISSIPPI RIVER</b>	<b>01 NOVEMBER 1996</b>

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Location:	Effective Period:
<b>SEE BELOW</b>	<b>SEE BELOW</b>

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In Reply Refer to:	
<b>CENCR-OD-MV</b>	<b>LEGAL NOTICE TO NAVIGATION</b>

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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.
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.
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 should be incorporated into tow configurations by industry on or before 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.

CENCR-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.

FOR THE DISTRICT ENGINEER:

JAMES H. BLANCHAR, P.E.  
Chief, Operations Division

MR 96-28



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

# Navigation Notice

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River:	Date:
<b>MISSISSIPPI RIVER</b>	<b>19 NOVEMBER 1996</b>

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Location:	Effective Period:
<b>SEE BELOW</b>	<b>SEE BELOW</b>

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In Reply Refer to:  
**OD-MV**

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## **LOCK CLOSURE, MISSISSIPPI RIVER**

**LOCK NO. 19, UMR MILE 364.0**

**LOCK NO. 19, UMR Mile 364.0, will be closed to all navigation from 0800 on 6 January 1997 to 0800 on 1 February 1997. Lock closure is required for the replacement of bushings and the repair of vertical drive shafts on the lower miter gates.**

**Tows are requested NOT to tie up on the guidewalls during the closure period.**

**FOR THE DISTRICT ENGINEER:**

**JAMES H. BLANCHAR, P.E.  
Chief, Operations Division**

**MR 96-29**



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

# Navigation Notice

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River:  
**MISSISSIPPI RIVER**

Date:  
**21 NOVEMBER 1996**

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Location:  
**LOCK/DAM 14,  
UMR MILE 493.3**

Effective Period:  
**SEE BELOW**

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In Reply Refer to:  
**OD-MV**

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## **LOCK CLOSURE, MISSISSIPPI RIVER**

**LOCK NO. 14, UMR MILE 493.0**

**LOCK NO. 14, UMR Mile 493.0, will be closed to all navigation from 0730 on 1 December 1997 to 0730 on 6 March 1998 so that the lock can be dewatered to perform major rehabilitation and maintenance work.**

**Tows are requested NOT to tie up on the guidewalls during the closure period.**

**FOR THE DISTRICT ENGINEER:**

**JAMES H. BLANCHAR, P.E.  
Chief, Operations Division**

**MR 96-30**



US ARMY CORPS  
OF ENGINEERS  
ROCK ISLAND  
DISTRICT

# Navigation Notice

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River:	Date:
MISSISSIPPI RIVER	11 DECEMBER 1996

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Location:	Effective Period:
SEE BELOW	SEE BELOW

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In Reply Refer to:  
OD-MV

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**REVISION REVISION REVISION REVISION REVISION**

**LOCK CLOSURE, MISSISSIPPI RIVER**

**LOCK AND DAM 22, UMR MILE 301.0**

1. The dates and times in navigation notice, MR 96-24, for Lock and Dam NO. 22, UMR 301.0, have been revised to read as follows:

LOCK AND DAM NO. 22, UMR 301.0, will be closed to all navigation from 2 January 1997, 0700 hours, to 1 February 1997, 0800 hours, for repair of the #3 miter gate machinery and anchorage.

2. Tows are requested NOT to tie off on the guidewalls during this closure.

FOR THE DISTRICT ENGINEER:

JAMES H. BLANCHAR, P.E.  
Chief, Operations Division

MR 96-31