

MISSISSIPPI RIVER 2000 NAVIGATION NOTICE

NUMBER	DATE	SUBJECT/LOCATION	EFFECTIVE DATE
MR 00-01	3-Apr-00	LOCK CLOSURE, LOCK AND DAM 14, MISSISSIPPI RIVER, UMR MILE 493.0	5- 6 April 2000
MR 00-02	10-Jul-00	LOCK CLOSURE, MISSISSIPPI RIVER, LOCK/DAM 12, UMR MILE 556.7	1-Jan-01 to 28-Feb-01
MR 00-03	10-Jul-00	LOCK CLOSURE, MISSISSIPPI RIVER, LOCK 19, UMR MILE 364.1	1-Jan-01 to 28-Feb-01
MR 00-04	25-Jul-00	LOCK CLOSURE, LOCK AND DAM 20, MISSISSIPPI RIVER, UMR MILE 343.0	26-Jul-00
MR 00-05	27-Jul-00	LOCK CLOSURE, MISSISSIPPI RIVER, LOCK 19, UMR MILE 364.1	8-9 Aug 00
MR 00-06	27-Jul-00	MISSISSIPPI RIVER CHANNEL CONDITIONS, HOGBACK ISLAND, LONETREE LIGHT, UMR MILES 331.3 TO 332.0	31-Jul-00
MR 00-07	31-Jul-00	LOCK CLOSURE, LOCK AND DAM 13, MISSISSIPPI RIVER, UMR MILE 523.0	1-Aug-00
MR 00-08	17-Aug-00	MISSISSIPPI RIVER CHANNEL CONDITIONS, HOGBACK ISLAND, LONETREE LIGHT, UMR MILES 331.3 TO 332.0	20-Aug-00
MR 00-09	31-Aug-00	DREDGING, MISSISSIPPI RIVER, LOCK AND DAM 22, LOWER APPROACH, UMR MILE 300.4-300.8	until further notice
MR 00-10	14-Sep-00	MISSISSIPPI RIVER, DREDGING, KEITHSBURG LOWER APPROACH, UMR MILE 425.3	until further notice
MR 00-11	18-Sep-00	MISSISSIPPI RIVER, DREDGING, KEITHSBURG, IL, UMR MILE 427.1	until further notice
MR 00-12	2-Oct-00	MISSISSIPPI RIVER, DREDGING, KEMPS, UMR MILE 397.3	until further notice
MR 00-13	5-Oct-00	MISSISSIPPI RIVER, DREDGING, BENTON ISLAND, UMR MILE 419.7	approximately 10-Oct-00
MR 00-14	11-Oct-00	MISSISSIPPI RIVER, DREDGING, CAVE HOLLOW LIGHT, UMR MILES 306.7 - 306.8	until further notice

MISSISSIPPI RIVER 2000 NAVIGATION NOTICE

NUMBER	DATE	SUBJECT/LOCATION	EFFECTIVE DATE
MR 00-15	13-Oct-00	MISSISSIPPI RIVER, DREDGING, BUFFALO, IOWA, UMR MILES 472.0 - 472.4	until further notice
MR 00-16	20-Oct-00	UPPER MISSISSIPPI RIVER ICE CONDITIONS, MR MILE 301.2 - 615.1, Legal Notice to Navigation	
MR 00-17	1-Nov-00	LOCK CLOSURE, LOCK AND DAM 20, MISSISSIPPI RIVER, UMR MILE 343.0	16-Nov-00
MR 00-18	30-Nov-00	ALL ROCK ISLAND DISTRICTS LOCKS, DETAILED COMMODITY CLASSIFICATION AND TONNAGE DATA COLLECTION	
MR 00-19	26-Dec-00	WINTER LOCKAGE HOURS, MISSISSIPPI RIVER, LOCKS 11 through 22	1-Jan-01 to 28-Feb-01



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

Navigation Notice

River:
MISSISSIPPI RIVER

Date:
03 APRIL 2000

Location:
**LOCK/DAM 14
UMR MILE 493.0**

Effective Period:
SEE BELOW

In Reply Refer to:
OD-MM

**LOCK CLOSURE, LOCK AND DAM 14
MISSISSIPPI RIVER, UMR MILE 493.0**

LOCK AND DAM No. 14, UMR Mile 493.0 will be intermittently closed to river traffic during the period of 5- 6 April 2000 from 0700 to 1730 hours for the purpose of placing riprap along the upper land wall.

Tows of single barge width may be able to pass depending on activities at the time. Contact the Lockmaster on channel 14 for lockage instructions.

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

**James H. Blanchar, P.E.
Chief, Operations Division**

MR 00-01



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

Navigation Notice

River:	Date:
MISSISSIPPI RIVER	10 JULY 2000

Location:	Effective Period:
LOCK/DAM 12, UMR MILE 556.7	SEE BELOW

In Reply Refer to:
OD-MV

LOCK CLOSURE, MISSISSIPPI RIVER

LOCK/DAM 12, UMR MILE 556.7

- 1. LOCK NO. 12, UMR Mile 556.7, will be closed to all navigation from 0730 on 1 January 2001 through 0730 on 28 February 2001 to perform major rehabilitation and maintenance work.**
- 2. Towboat operators are requested NOT to tie up on the guidewalls during this closure period.**

FOR THE DISTRICT ENGINEER:

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

MR 00-02



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

Navigation Notice

River: **MISSISSIPPI RIVER** Date: **10 JULY 2000**

Location: **LOCK 19,
UMR MILE 364.1** Effective Period: **SEE BELOW**

In Reply Refer to:
OD-MV

LOCK CLOSURE, MISSISSIPPI RIVER

LOCK 19, UMR MILE 364.1

- 1. LOCK NO. 19, UMR Mile 364.1, will be closed to all navigation from 0730 on 1 January 2001 through 0730 on 28 February 2001 to repair the lower miter gates.**
- 2. Towboat operators are requested NOT to tie up on the guidewalls during this closure period.**

FOR THE DISTRICT ENGINEER:

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

MR 00-03



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

Navigation Notice

River:	Date:
MISSISSIPPI RIVER	25 JULY 2000

Location:	Effective Period:
UMR MILE 343.0	SEE BELOW

In Reply Refer to:
OD-MM

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

LOCK AND DAM No. 20, UMR Mile 343.0, will be closed to all river traffic on 26 JULY from 0700 to 1700 hours for the purpose of repairing the anchor bar bushing on the #3 miter gate.

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

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

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

Mr 00-04



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

Navigation Notice

River:	Date:
MISSISSIPPI RIVER	27 JULY 2000

Location:	Effective Period:
LOCK 19, UMR MILE 364.1	SEE BELOW

In Reply Refer to:
OD-MV

LOCK CLOSURE, MISSISSIPPI RIVER

LOCK 19, UMR MILE 364.1

**LOCK NO. 19, UMR Mile 364.1, will be closed to all navigation
From 0700 to 1700 hours on 8 August 2000, and from 0700 to 1700 on
9 August 2000 to complete a concrete condition survey.**

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

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

MR 00-05



US ARMY CORPS
OF ENGINEERS
ROCK ISLAND
DISTRICT

Navigation Notice

River: MISSISSIPPI RIVER Date: 27 JULY 2000

Location: HOGBACK ISLAND,
LONETREE LIGHT,
UMR MILES 331.3 TO 332.0 Effective Period:
SEE BELOW

In Reply Refer to:
OD-T

MISSISSIPPI RIVER CHANNEL CONDITIONS

HOGBACK ISLAND, LONETREE LIGHT

UMR MILES 331.3 TO 332.0

Shoaling is occurring across the channel at UMR 331.3 - 332.0. With current conditions depths of less than 10 feet will be found when the Mississippi River reaches lower water stages on 31 July, 2000.

Mariners are advised to **USE EXTREME CAUTION** when transiting this area.

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

MR 00-06



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

Navigation Notice

River:
MISSISSIPPI RIVER

Date:
31 July 2000

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 river traffic on 1 August 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 ambient conditions at time of closure.

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

MR 00-07



US ARMY CORPS
OF ENGINEERS
ROCK ISLAND
DISTRICT

Navigation Notice

River: MISSISSIPPI RIVER Date: 17 AUGUST 2000

Location: HOGBACK ISLAND,
LONETREE LIGHT,
UMR MILES 331.3 TO 332.0 Effective Period:
SEE BELOW

In Reply Refer to:
OD-T

MISSISSIPPI RIVER CHANNEL CONDITIONS

HOGBACK ISLAND, LONETREE LIGHT

UMR MILES 331.3 TO 332.0

The channel at UMR 331.3 - 332.0 is currently closed due to low water depths of less than 9 feet.

The Dredge American and the Dredge Thompson are in route and it is anticipated the channel will be open Sunday, 20 August 2000.

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

MR 00-08



US ARMY CORPS
OF ENGINEERS
ROCK ISLAND
DISTRICT

Navigation Notice

River:
MISSISSIPPI RIVER

Date:
31 AUGUST 2000

Location:
**LOCK AND DAM 22
LOWER APPROACH
UMR MILE 300.4-300.8**

Effective Period:
SEE BELOW

In Reply Refer to:
OD-T

DREDGING, MISSISSIPPI RIVER

LOCK AND DAM 22, LOWER APPROACH

UMR MILE 300.4-300.8

The Dredge Thompson will commence channel maintenance dredging operations at the lower approach to Lock and Dam 22, UMR mile 300.4-300.8, on 31 August 2000. The dredge 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 or 16 for passing instructions. The dredge and pipeline will have to be moved off channel to allow transiting of the area.

CAUTION is advised while transiting the area.

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

MR 00-09



US ARMY CORPS
OF ENGINEERS
ROCK ISLAND
DISTRICT

Navigation Notice

River:	Date:
MISSISSIPPI RIVER	14 SEPTEMBER 2000

Location:	Effective Period:
KEITHSBURG LOWER APPROACH UMR MILE 425.3	SEE BELOW

In Reply Refer to:
OD-T

MISSISSIPPI RIVER

DREDGING

KEITHSBURG LOWER APPROACH, UMR MILE 425.3

The Dredge Thompson will commence channel maintenance dredging operations at the Keithsburg Lower Approach, UMR mile 425.3, on 14 September 2000. The dredge 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 or 16 for passing instructions. Please contact 30 minutes in advance of arrival. The dredge and pipeline will have to be moved off channel to allow transiting of the area.

CAUTION is advised while transiting the area.

George L. Hardison
Chief, Technical Services

MR 00-10



US ARMY CORPS
OF ENGINEERS
ROCK ISLAND
DISTRICT

Navigation Notice

River:
MISSISSIPPI RIVER

Date:
18 SEPTEMBER 2000

Location:
**KEITHSBURG, IL
UMR MILE 427.1**

Effective Period:
SEE BELOW

In Reply Refer to:
OD-T

MISSISSIPPI RIVER

DREDGING

KEITHSBURG, IL, UMR MILE 427.1

The Dredge Thompson will commence channel maintenance dredging operations at Keithsburg, IL, UMR mile 427.1, on 18 September 2000. 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 or 16 for passing instructions. Please contact 30 minutes in advance of arrival. The dredge and pipeline will have to be moved off channel to allow transiting of the area.

CAUTION is advised while transiting the area.

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

MR 00-11



US ARMY CORPS
OF ENGINEERS
ROCK ISLAND
DISTRICT

Navigation Notice

River:
MISSISSIPPI RIVER

Date:
02 OCTOBER 2000

Location:
KEMPS
UMR MILE 397.3

Effective Period:
SEE BELOW

In Reply Refer to:
OD-T

MISSISSIPPI RIVER

DREDGING

KEMPS, UMR MILE 397.3

The Dredge Thompson has commenced channel maintenance dredging operations at Kemps, UMR mile 397.3. 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 or 16 for passing instructions. Please contact 30 minutes in advance of arrival. The dredge and pipeline will have to be moved off channel to allow transiting of the area.

CAUTION is advised while transiting the area.

James H. Blanchar, P.E.
Chief, Operations Division

MR 00-12



US ARMY CORPS
OF ENGINEERS
ROCK ISLAND
DISTRICT

Navigation Notice

River:
MISSISSIPPI RIVER

Date:
05 OCTOBER 2000

Location:
**BENTON ISLAND
UMR MILE 419.7**

Effective Period:
SEE BELOW

In Reply Refer to:
OD-T

MISSISSIPPI RIVER

DREDGING

BENTON ISLAND, UMR MILE 419.7

The Dredge Thompson has commenced channel maintenance dredging operations at Benton Island, UMR mile 419.7. The Dredge Thompson will be working 24 hours per day, 7 days per week, until approximately Tuesday, October 10, 2000.

Mariners are requested to contact the Dredge Thompson on channel 13 or 16 for passing instructions. Please contact 30 minutes in advance of arrival. The dredge and pipeline will have to be moved off channel to allow transiting of the area.

CAUTION is advised while transiting the area.

George L. Hardison
Chief, Technical Services

MR 00-13



US ARMY CORPS
OF ENGINEERS
ROCK ISLAND
DISTRICT

Navigation Notice

River:
MISSISSIPPI RIVER

Date:
11 OCTOBER 2000

Location:
**CAVE HOLLOW LIGHT
UMR MILE 306.7- 306.8**

Effective Period:
SEE BELOW

In Reply Refer to:
OD-T

MISSISSIPPI RIVER

DREDGING

CAVE HOLLOW LIGHT, UMR MILES 306.7 - 306.8

The Dredge Thompson will commence channel maintenance dredging operations at Cave Hollow Light, UMR miles 306.7 - 306.8 on 11 October 2000. The Dredge Thompson will be working 24 hours per day, 7 days per week, until further notice.

Traffic may pass through the restricted channel along the right descending bank as set by the Coast Guard. Mariners are requested to contact the Dredge Thompson on channel 13 or 16 for passing instructions. Please contact 30 minutes in advance of arrival. The dredge and pipeline will have to be moved off channel to allow transiting of the area.

CAUTION is advised while transiting the area.

Alois J. De Vos, P.E.
Technical Support Branch

MR 00-14



US ARMY CORPS
OF ENGINEERS
ROCK ISLAND
DISTRICT

Navigation Notice

River:
MISSISSIPPI RIVER

Date:
13 OCTOBER 2000

Location:
BUFFALO, IOWA
UMR MILE 472.0 - 472.4

Effective Period:
SEE BELOW

In Reply Refer to:
OD-T

MISSISSIPPI RIVER

DREDGING

BUFFALO, IOWA, UMR MILES 472.0 - 472.4

The Dredge Thompson will commence channel maintenance dredging operations at Buffalo, Iowa, UMR Miles 472.0 - 472.4 on 14 October 2000. 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 or 16 for passing instructions. Please contact 30 minutes in advance of arrival. The dredge and pipeline will have to be moved off channel to allow transiting of the area.

CAUTION is advised while transiting the area.

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

MR 00-15



US ARMY CORPS
OF ENGINEERS
ROCK ISLAND
DISTRICT

Navigation Notice

River:	Date:
MISSISSIPPI RIVER	20 OCTOBER 2000

Location:	Effective Period:
SEE BELOW	SEE BELOW

In Reply Refer to:	
CEMVR-OD-MV	LEGAL NOTICE TO NAVIGATION

UPPER MISSISSIPPI RIVER ICE CONDITIONS
UMR MILE 301.2 - 615.1

1. All tows are cautioned to be alert for changing conditions and possible hazards due to ice formations. This year is expected to be an extremely difficult winter navigation season. 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 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.

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.

8. This year is expected to be an extremely difficult winter navigation season. Flows on the Mississippi River and its tributaries are 50% or less of the normal flow for this time of the year. National Weather Service forecasts are for drier than normal for the winter navigation season. With low flow conditions, velocities are minimal and ice is prone to build and be caught in both bends of the river, but also on submerged training structures. Extreme caution is advised to tow operators for this winter period in that heavy buildup of ice on both barges and river structures will make movement difficult. Most of the navigation pools are near their lowest levels at the present time and are expected to go slightly lower.

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

MR 00-16

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:
MISSISSIPPI RIVER

Date:
01 NOVEMBER 2000

Location:
UMR MILE 343.0

Effective Period:
SEE BELOW

In Reply Refer to:
OD-MV

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

LOCK AND DAM No. 20, UMR Mile 343.0, will be closed to all navigation on 16 NOVEMBER 2000 from 0800 to 1600 hours for the purpose of repairing the lower guidecell.

Towboat operators are requested NOT to tie up on the lower guidewall during the closure period.

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

MR 00-17



US ARMY CORPS
OF ENGINEERS
ROCK ISLAND
DISTRICT

Navigation Notice

River: **MISSISSIPPI RIVER
ILLINOIS WATERWAY** Date: **30 NOVEMBER 2000**

Location: **ALL ROCK ISLAND
DISTRICT LOCKS** Effective Period: **SEE BELOW**

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

DETAILED COMMODITY CLASSIFICATION AND TONNAGE DATE COLLECTION

1. Due to increasing requests for more **DETAILED COMMODITY CLASSIFICATION AND TONNAGE DATA** by Federal agencies such as the Department of Agriculture, along with state agencies, farm groups, environmental groups, the towing industry and the general public, it is **IMPERATIVE** that commodity classification and tonnage data collected at the locks be as **ACCURATE AND DETAILED** as possible.
2. Towboats locking through the Rock Island District are **ALWAYS REQUIRED** to give accurate, detailed information concerning barge commodity classification and tonnage. No longer will the answer "grain" or just the number of barges be accepted. The lockmaster is required to obtain exactly which commodity classification and the amount of tonnage for each commodity are being transported through the lock. Operators, as standard procedure, shall acquire such information and have it available **PRIOR TO LOCKAGE**. Their lockage turn may be forfeited if the tow pilots do not provide detailed commodity classification and tonnage data to lockmasters when requested.
3. On the back of this notice are the current commodity classification codes. Your cooperation in this matter will be appreciated.

FOR THE COMMANDER:

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

MR 00-18
IW 00-31



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

Navigation Notice

River:	Date:
MISSISSIPPI RIVER	26 DECEMBER 2000

Location:	Effective Period:
LOCKS 11-22	SEE BELOW

In Reply Refer to:
CEMVR-OD-MV

WINTER LOCKAGE HOURS

MISSISSIPPI RIVER

LOCKS 11 through 22

Rock Island District Locks 11 through 22 will lock traffic between 0800 and 1600 hours, Monday through Friday only, during the period 1 January 2001 through 28 February 2001. Please contact the lockmaster in advance if lockage is required outside these hours.

As previously scheduled, Lock 12 and Lock 19 will be closed to ALL traffic from 1 January 2001 to 28 February 2001 for maintenance and repair.

FOR THE COMMANDER:

**LaVeta B. Bear
Operations Division
Management Support Branch**

MR 00-19