

## **ILLINOIS WATERWAY 2004 NAVIGATION NOTICES**

<b>NUMBER</b>	<b>DATE</b>	<b>SUBJECT/LOCATION</b>	<b>EFFECTIVE DATE</b>
IW 04-01	21-Jan-04	ILLINOIS WATERWAY, BRANDON ROAD LOCK AND DAM, LOWER APPROACH, RM 285.4 – 286.0, MECHANICAL DREDGING (STRIKE REMOVAL)	19-Jan-04 to 1-Mar-04
IW 04-02	9-Feb-04	ILLINOIS WATERWAY, LOCK CLOSURE, STARVED ROCK L/D, RM 230.9	10-Feb-04
IW 04-03	27-Apr-04	ILLINOIS WATERWAY, MECHANICAL DREDGING (STRIKE REMOVAL), RM 288.8	29-Apr-04
IW 04-04	10-May-04	ILLINOIS WATERWAY, LOCK CLOSURE, LAGRANGE LOCK and DAM, RM 80.2	25-26 May 04
IW 04-05	28-Jun-04	ILLINOIS WATERWAY, LOCKAGE RESTRICTIONS, BRANDON ROAD LOCK AND DAM, RM 286.0	3-4 July 04
IW 04-06	16-Jul-04	ILLINOIS WATERWAY, LOCK CLOSURE, LOCKPORT LOCK, RM 291.0	23-26 Aug 04
IW 04-07	12-Aug-04	ILLINOIS WATERWAY, LOCK CLOSURE, STARVED ROCK L/D, RM 230.9	16-Aug-04
IW 04-08	18-Aug-04	ILLINOIS WATERWAY, DREDGING, RM 88.5	until further notice
IW 04-09	27-Aug-04	ILLINOIS WATERWAY, LOCK CLOSURE, LOCKPORT LOCK, RM 291.0	30-31 Aug 04
IW 04-10	1-Sep-04	ILLINOIS WATERWAY, DREDGING, RM 136.9	8-12 Aug 04
IW 04-11	14-Sep-04	ILLINOIS WATERWAY, DREDGING, KINGSTON MINES, RM 145.2 – 145.9	until further notice
IW 04-12	6-Oct-04	ILLINOIS WATERWAY, DREDGING, COPPERAS CREEK, RM 136.5-136.8	until further notice
IW 04-13	17-Nov-04	ILLINOIS WATERWAY RIVER ICE CONDITIONS, LEGAL NOTICE TO NAVIGATION	
IW 04-14	17-Nov-04	ILLINOIS WATERWAY, MECHANICAL DREDGING (STRIKE REMOVAL), BULL'S ISLAND UPPER, RM 241.2 – 241.4, LEFT DESCENDING BANK	29-Nov-04 to approx. 17-Dec-04

## ***ILLINOIS WATERWAY 2004 NAVIGATION NOTICES***

<b>NUMBER</b>	<b>DATE</b>	<b>SUBJECT/LOCATION</b>	<b>EFFECTIVE DATE</b>
<b>IW 04-15</b>	<b>14-Dec-04</b>	<b>ILLINOIS WATERWAY, CHICAGO SANITARY &amp; SHIP CANAL, CANAL OBSTRUCTION</b>	<b>Jan-05</b>



US ARMY CORPS  
OF ENGINEERS  
ROCK ISLAND  
DISTRICT

# Navigation Notice

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River:  
ILLINOIS WATERWAY

Date:  
21 JANUARY 2004

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Location:  
BRANDON ROAD L/D  
LOWER APPROACH  
RM 285.4 – 286.0

Effective Period:  
SEE BELOW

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In Reply Refer to:  
OD-T

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## ILLINOIS WATERWAY

### BRANDON ROAD LOCK AND DAM, LOWER APPROACH, RM 285.4 – 286.0 MECHANICAL DREDGING (STRIKE REMOVAL)

Mechanical Dredging (Strike Removal) commenced on 19 January 2004 at Brandon Road Lock and Dam, Lower Approach, RM 285.4 – 286.0. Dredging will be performed from 0700 until 1700 hours per day, 5 days per week, Monday through Friday, until 1 March 2004.

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

CAUTION is advised while transiting the area.

FOR THE DISTRICT ENGINEER

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

IW 04 - 01



**US ARMY CORPS  
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ROCK ISLAND  
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# Navigation Notice

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River:	Date:
<b>ILLINOIS WATERWAY</b>	<b>09 FEBRUARY 2004</b>
Location:	Effective Period:
<b>STARVED ROCK L/D RM 230.9</b>	<b>SEE BELOW</b>
In Reply Refer to:	
<b>OD-I</b>	

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## **ILLINOIS WATERWAY**

### **LOCK CLOSURE**

#### **STARVED ROCK L/D, RM 230.9**

**Starved Rock L/D, RM 230.9, will be closed on Tuesday, 10 February 2004 from 0700 hours to 1900 hours, for the purpose of changing the strut arm and buffer box on the upper land wall gate.**

**For further information contact Starved Rock Lock on channel 14 or call 815/667- 4114.**

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

**IW 04- 02**



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# Navigation Notice

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**River:**  
ILLINOIS WATERWAY

**Date:**  
27 APRIL 2004

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**Location:**  
RM 288.8

**Effective Period:**  
SEE BELOW

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

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**ILLINOIS WATERWAY  
MECHANICAL DREDGING (STRIKE REMOVAL)  
RM 288.8**

The Mazon will be performing Mechanical Dredging (Strike Removal) at RM 288.8 on Thursday, April 29, 2004 between 0800 and 1600 hours.

Mariners are requested to contact the MV LaSalle, on channel 16, 82 or 13 for passing instructions. Work will be in the area just above Ruby Street Bridge.

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

**FOR THE DISTRICT ENGINEER**

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

**IW 04 - 03**



**US ARMY CORPS  
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ROCK ISLAND  
DISTRICT

# Navigation Notice

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River:  
**ILLINOIS WATERWAY**

Date:  
**10 MAY 2004**

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Location:  
**LAGRANGE LOCK and DAM  
RM 80.2**

Effective Period:  
**SEE BELOW**

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

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**ILLINOIS WATERWAY  
LOCK CLOSURE,  
LAGRANGE LOCK and DAM, RM 80.2**

**LAGRANGE LOCK and DAM, RM 80.2, will be closed on May 25 and 26, 2004, from 0700 to 1900 each day, for the purpose of setting the lower gates.**

**Please contact LaGrange Lock on channel 14 or 217-225-3317 for further instructions.**

**Mariners are requested NOT to tie up to the guidewalls during this closure period.**

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

**IW 04 - 04**



US ARMY CORPS  
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# Navigation Notice

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River:  
ILLINOIS WATERWAY

Date:  
28 JUNE 2004

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Location:  
BRANDON ROAD L/D  
RM 286.0

Effective Period:  
SEE BELOW

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In Reply Refer to:  
OD-T

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ILLINOIS WATERWAY

LOCKAGE RESTRICTIONS

BRANDON ROAD LOCK AND DAM, RM 286.0

Only Recreational Traffic will be locked through the BRANDON ROAD L/D, RM 286.0 from July 3, 2004, 7:00 p.m. until July 4, 2004, 12:30 a.m. due to the Fourth of July celebration at Joliet, IL. Commercial traffic will resume locking after July 4, 2004, 12:30 a.m.

CAUTION is advised while transiting the area.

FOR THE DISTRICT ENGINEER

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

IW 04 - 05



**US ARMY CORPS  
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ROCK ISLAND  
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# Navigation Notice

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River:  
**ILLINOIS WATERWAY**

Date:  
**16 JULY 2004**

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Location:  
**LOCKPORT LOCK  
RM 291.0**

Effective Period:  
**SEE BELOW**

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

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**ILLINOIS WATERWAY  
LOCK CLOSURE,  
LOCKPORT LOCK, RM 291.0**

**LOCKPORT LOCK, RM 291.0, will be closed on 23 August 2004 from 1200 to 1700 hours, 24 and 25 August 2004 from 0700 – 1700 hours, and 26 August 2004 from 0700 – 1200 hours, for the purpose of structural steel and seal work on the upper service gate.**

**Please contact Lockport Lock on channel 14 or 815/838-0536 for further instructions.**

**Mariners are requested NOT to tie up to the guidewalls during this closure period.**

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

**IW 04 - 06**



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

# **Navigation Notice**

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River:	Date:
<b>ILLINOIS WATERWAY</b>	<b>12 AUGUST 2004</b>
Location:	Effective Period:
<b>STARVED ROCK L/D RM 230.9</b>	<b>SEE BELOW</b>
In Reply Refer to:	
<b>OD-I</b>	

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## **ILLINOIS WATERWAY**

### **LOCK CLOSURE**

#### **STARVED ROCK L/D, RM 230.9**

**Starved Rock L/D, RM 230.9, will be closed on Monday, 16 August 2004 from 0930 hours to 1730 hours, for the purpose of removing and replacing the left descending strut arm.**

**For further information contact Starved Rock Lock on channel 14 or call 815/667- 4114.**

**Mariners are requested NOT to tie up to the guidewalls during this closure period.**

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

**IW 04- 07**



**US ARMY CORPS  
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ROCK ISLAND  
DISTRICT

# Navigation Notice

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**River:**  
ILLINOIS WATERWAY

**Date:**  
18 AUGUST 2004

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**Location:**  
RM 88.5

**Effective Period:**  
SEE BELOW

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

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## ILLINOIS WATERWAY

### DREDGING, RM 88.5

The Government Dredge DUBUQUE will commence dredging operations, on the Illinois Waterway at River Mile 88.5R, starting on 21 August 2004 at 0600 hrs and will be working a twelve hour shift (0600 hrs. to 1800 hrs.), seven days a week until the job is completed. Preparations for dredging may start on 20 August, 2004.

Mariners are requested to contact the dredge, DUBUQUE, on channel 13, 16 or 82 for passing instructions.

CAUTION is advised while transiting the area.

FOR THE DISTRICT ENGINEER

**Rick D. Granados**  
Project Manager  
Illinois Waterway Project

IW 04 - 08



**US ARMY CORPS  
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ROCK ISLAND  
DISTRICT

# Navigation Notice

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River:  
**ILLINOIS WATERWAY**

Date:  
**27 AUGUST 2004**

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Location:  
**LOCKPORT LOCK  
RM 291.0**

Effective Period:  
**SEE BELOW**

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

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**ILLINOIS WATERWAY  
LOCK CLOSURE,  
LOCKPORT LOCK, RM 291.0**

**LOCKPORT LOCK, RM 291.0, will be closed on 30 August 2004 from 1200 to 1700 hours and 31 August 2004 from 0700 to 1900 hours, for the purpose of repairs on the upper service gate.**

**Please contact Lockport Lock on channel 14 or 815/838-0536 for further instructions.**

**Mariners are requested NOT to tie up to the guidewalls during this closure period.**

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

**IW 04 - 09**



**US ARMY CORPS  
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ROCK ISLAND  
DISTRICT

# Navigation Notice

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**River:**  
ILLINOIS WATERWAY

**Date:**  
01 SEPTEMBER 2004

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**Location:**  
RM 136.9

**Effective Period:**  
SEE BELOW

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

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**ILLINOIS WATERWAY  
DREDGING, RM 136.9**

The Government Dredge DUBUQUE will commence dredging operations, on the Illinois Waterway at River Mile 136.9, starting on 08 September 2004 at 0600 hrs and will be working a twelve hour shift (0600 hrs. to 1800 hrs.), for approximately 5 days.

Mariners are requested to contact the dredge, DUBUQUE, on channel 13 or 82 for passing instructions.

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

**FOR THE DISTRICT ENGINEER**

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

**IW 04 - 10**



US ARMY CORPS  
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# Navigation Notice

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River:  
ILLINOIS WATERWAY

Date:  
14 SEPTEMBER 2004

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Location:  
KINGSTON MINES  
RM 145.2 – 145.9

Effective Period:  
SEE BELOW

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In Reply Refer to:  
OD-T

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## ILLINOIS WATERWAY

### DREDGING, KINGSTON MINES, RM 145.2 – 145.9

The Government Dredge DUBUQUE will commence dredging operations, on the Illinois Waterway at Kingston Mines, left descending bank, RM 145.2 – 145.9, commencing on 14 September 2004 at 0600 hrs and will be working a twelve hour shift (0600 hrs. to 1800 hrs.) until further notice.

Mariners are requested to contact the Dredge DUBUQUE, on channel 13 or 82 for passing instructions.

CAUTION is advised while transiting the area.

FOR THE DISTRICT ENGINEER

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

IW 04 - 11



US ARMY CORPS  
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DISTRICT

# Navigation Notice

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River:  
ILLINOIS WATERWAY

Date:  
6 OCTOBER 2004

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Location:  
COPPERAS CREEK  
RM 136.5-136.8

Effective Period:  
SEE BELOW

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In Reply Refer to:  
OD-T

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## ILLINOIS WATERWAY DREDGING, COPPERAS CREEK, RM 136.5-136.8

The Government Dredge DUBUQUE will commence dredging operations, on the Illinois Waterway at Copperas Creek, mid-channel, RM 136.5-136.8, commencing on 9 October 2004 at 0600 hrs and will be working a twelve hour shift (0600 hrs. to 1800 hrs.) until further notice.

A crossing pipeline will be used. Mariners are requested to contact the Dredge DUBUQUE, on channel 13 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

IW 04 - 12



US ARMY CORPS  
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ROCK ISLAND  
DISTRICT

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# Navigation Notice

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**River:**  
ILLINOIS WATERWAY

**Date:**  
17 NOVEMBER 2004

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**Location:**  
SEE BELOW

**Effective Period:**  
SEE BELOW

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

LEGAL NOTICE TO NAVIGATION

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## ILLINOIS WATERWAY RIVER ICE CONDITIONS

RM 80.0 - 280.0 and RM 321.0 - 326.5 (Little Calumet River)

1. All tows moving through the Illinois Waterway from river mile 80.0 to 280.0 and on the Little Calumet River from river mile 321.0 to 326.5 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 in the Peoria Lake reach, mile 162.0 to 180.0.
2. Experience has shown that ice gorges can most frequently be expected to form between miles 86.5 and 95.5 (Grape Island to Sugar Creek), between miles 127.0 and 137.0 (Liverpool to Copperas Creek), at mile 237.2 (Mayo Island), between miles 240.6 and 241.5 (Bulls Island), at mile 242.5 (Milliken Creek Light and Daymark) and at mile 243.7 (Marseilles Lock Light and Daymark).
3. Gorged ice becomes a particular hazard when attempts are made to drive barges through the formation. Barges forced through or over gorged ice are frequently holed, stoved in or buckled, which usually results in sinking. Navigators are advised to exercise due caution to avoid sinking barges and subsequent blockage of the navigation channel. Gorged ice may also create unusual currents and high localized flow or outdraft conditions due to water bypassing the temporary dam formed by the gorge. Navigators approaching an ice gorge should make certain that the towboat has sufficient power to properly control the number of barges in tow under such unusual conditions of flow.
4. Sheet ice may be expected throughout the length of the waterway downstream from about mile 280.0 and in the Marseilles Canal and that reach of the waterway between mile 321.0 and Thomas J. O'Brien Lock, mile 326.5 on the Calumet River.
5. Sheet ice will at times prevent opening of the upper and lower lock gates at Thomas J. O'Brien, Dresden Island, Marseilles, Starved Rock, Peoria and LaGrange Locks. When the lock 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 lock 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.

6. When ice conditions at the lock prevent the timely coupling of barges, all towboat operators will be 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 when ice is present at the lock. In the past, ice trapped between box barges has caused long delays in coupling the two sections of a tow, thereby impeding traffic flow through the locks. Industry is expected to view the Navigation resources-Lock Conditions Report on the MVR web page on a daily basis for current information, requirements, and restrictions, especially during winter months.

7. 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.

8. 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.

9. 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:

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

IW 04-13

NOTICE TO EDITORS:

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US ARMY CORPS  
OF ENGINEERS  
ROCK ISLAND  
DISTRICT

# Navigation Notice

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River:  
ILLINOIS WATERWAY

Date:  
17 NOVEMBER 2004

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Location:  
BULL'S ISLAND UPPER,  
RM 241.2 – 241.4

Effective Period:  
SEE BELOW

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In Reply Refer to:  
OD-T

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**ILLINOIS WATERWAY  
MECHANICAL DREDGING (STRIKE REMOVAL)  
BULL'S ISLAND UPPER,  
RM 241.2 – 241.4, LEFT DESCENDING BANK**

The M/V LaSalle will be performing Mechanical Dredging (Strike Removal) at Bull's Island Upper, RM 241.2 – 241.4, left descending bank. The dredging will begin on Monday, November 29, 2004 and continue until approximately December 17th, 2004. The work will be performed from 0700 hours to 1700 hours, seven days per week.

Mariners are requested to contact the MV LaSalle, on channel 16, 13, or 82 for passing instructions 15 minutes in advance of arrival.

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

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

IW 04 - 14



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

# Navigation Notice

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**River:**  
ILLINOIS WATERWAY

**Date:**  
14 DECEMBER 2004

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**Location:**  
RM 302.0

**Effective Period:**  
SEE BELOW

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

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**ILLINOIS WATERWAY  
CHICAGO SANITARY & SHIP CANAL  
CANAL OBSTRUCTION**

**A tree has fallen into the canal at RM 302.0, right descending bank. Removal will not be possible until January 2005.**

**Mariners should transit the area with CAUTION, especially at night.**

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

**IW 04 - 15**