

ILLINOIS WATERWAY 1996 NAVIGATION NOTICES

| NUMBER | DATE | SUBJECT/LOCATION | EFFECTIVE DATE |
|---------------|-------------|--|-------------------------|
| IW 96-01 | 9-Jul-96 | SHOALING, ILLINOIS WATERWAY, MACKINAW RIVER, RM 146.5, SPRING VALLEY, RM 217.5 | N/A |
| IW 96-02 | 10-Jul-96 | SHOALING, ILLINOIS WATERWAY | N/A |
| IW 96-03 | 12-Jul-96 | DREDGING, ILLINOIS WATERWAY, RM 87.9 - 88.1 | 12-13 July 1996 |
| IW 96-04 | 15-Jul-96 | DREDGING, ILLINOIS WATERWAY, RM 145.0 - 148.0 | until further notice |
| IW 96-05 | 30-Jul-96 | ILLINOIS WATERWAY AND MISSISSIPPI RIVER | N/A |
| IW 96-06 | 7-Aug-96 | DREDGING, ILLINOIS WATERWAY, RM 146.7 | until further notice |
| IW 96-07 | 19-Aug-96 | DREDGING, ILLINOIS WATERWAY, RM 152.0 - 153.0 | until further notice |
| IW 96-08 | 28-Aug-96 | SUNKEN BUOY, ILLINOIS WATERWAY | N/A |
| IW 96-09 | 4-Sep-96 | DREDGING, ILLINOIS WATERWAY, SENATE ISLAND, RM 132.0 | until further notice |
| IW 96-10 | 6-Sep-96 | ILLINOIS WATERWAY, RM 87.7 - 88.1 | until further notice |
| IW 96-11 | 10-Sep-96 | DREDGING, ILLINOIS WATERWAY, QUIVER ISLAND, RM 120.0 - 121.0 | until further notice |
| IW 96-12 | 17-Sep-96 | DREDGING, ILLINOIS WATERWAY, ANDERSON LAKE, RM 109.5 | until further notice |
| IW 96-13 | 24-Sep-96 | DREDGING, ILLINOIS WATERWAY, BEARDSTOWN, RM 88.0 | until further notice |
| IW 96-14 | 1-Oct-96 | LOCK CLOSURE, ILLINOIS WATERWAY, LAGRANGE LOCK AND DAM, RM 80.0 | 9-11 Oct 1996 |



US ARMY CORPS
OF ENGINEERS
ROCK ISLAND
DISTRICT

Navigation Notice

| | |
|-------------------|--------------|
| River: | Date: |
| ILLINOIS WATERWAY | 09 JULY 1996 |

| | |
|-----------|-------------------|
| Location: | Effective Period: |
| SEE BELOW | SEE BELOW |

In Reply Refer to:
OD-T

SHOALING, ILLINOIS WATERWAY
MACKINAW RIVER, RM 146.5
SPRING VALLEY, RM 217.5

1. Shoaling has developed across the entire channel at Mackinaw River, mile 146.5, and Spring Valley, mile 217.5. Depths of 9.0 feet - 9.5 feet can be expected based on predicted river stages.
2. Mariners are advised to limit tow draft accordingly.
3. CAUTION is advised while transiting these areas.

FOR THE DISTRICT ENGINEER:

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

IW 96-01



US ARMY CORPS
OF ENGINEERS
ROCK ISLAND
DISTRICT

Navigation Notice

| | |
|-------------------|--------------|
| River: | Date: |
| ILLINOIS WATERWAY | 10 JULY 1996 |

| | |
|-----------|-------------------|
| Location: | Effective Period: |
| SEE BELOW | SEE BELOW |

In Reply Refer to:
OD-T

SHOALING, ILLINOIS WATERWAY

1. Shoaling has developed across the entire channel at Beardstown, RM 87.9 - 88.0. Depths of 9.0 feet - 9.5 feet can be expected based on predicted river stages.
2. Mariners are advised to limit tow draft accordingly.
3. CAUTION is advised while transiting these areas.

FOR THE DISTRICT ENGINEER:

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

IW 96-02



US ARMY CORPS
OF ENGINEERS
ROCK ISLAND
DISTRICT

Navigation Notice

| | |
|-------------------|--------------|
| River: | Date: |
| ILLINOIS WATERWAY | 12 JULY 1996 |

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|----------------|-------------------|
| Location: | Effective Period: |
| RM 87.9 - 88.1 | SEE BELOW |

In Reply Refer to:
OD-T

DREDGING, ILLINOIS WATERWAY
RM 87.9 - 88.1

1. The COE dredge Mazon (clam bucket) will be performing channel maintenance dredging in the center of the channel at Beardstown, RM 87.9 - 88.1, commencing 12 July 1996 to 13 July 1996, during daylight hours.
2. Mariners should contact the dredge Mazon or attending vessel Channahon on Channels 13 or 16. Dredge will move out of channel for passing traffic.
3. EXTREME CAUTION is advised.

FOR THE DISTRICT ENGINEER:

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

IW 96-03



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

Navigation Notice

| | |
|--------------------------|---------------------|
| River: | Date: |
| ILLINOIS WATERWAY | 15 JULY 1996 |

| | |
|-------------------------|--------------------------|
| Location: | Effective Period: |
| RM 145.0 - 148.0 | 15 - 20 JULY 1996 |

In Reply Refer to:
OD-T

DREDGING, ILLINOIS WATERWAY RM 145.0 - 148.0

- 1. The Dredge Courtney II will commence channel maintenance dredging at Kingston Mines, RM 145.0 - 148.0, from 15 - 20 July 1996.**
- 2. Dredging will be performed 24 hours per day, 7 days per week, until further notice.**
- 3. Mariners may 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

IW 96-04



US ARMY CORPS
OF ENGINEERS
ROCK ISLAND
DISTRICT

Navigation Notice

River: ILLINOIS WATERWAY/
MISSISSIPPI RIVER

Date: 30 JULY 1996

Location:
SEE BELOW

Effective Period:
SEE BELOW

In Reply Refer to:
OD-T

ILLINOIS WATERWAY AND MISSISSIPPI RIVER

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

Illinois Waterway (319) 328-2719

Mississippi River (319) 328-2718

FOR THE DISTRICT ENGINEER:

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

IW 96-05



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

Navigation Notice

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|--------------------------|-----------------------|
| River: | Date: |
| ILLINOIS WATERWAY | 07 August 1996 |

| | |
|-----------------|-------------------|
| Location: | Effective Period: |
| RM 146.7 | SEE BELOW |

In Reply Refer to:
OD-T

DREDGING, ILLINOIS WATERWAY RM 146.7

- 1. The Dredge Courtney II will commence channel maintenance dredging at RM 146.7, on right descending bank with crossing lane, on 8 August 1996.**
- 2. Dredging will be performed 24 hours per day, 7 days per week, until further notice.**
- 3. Mariners may 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**

IW 96-06



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

Navigation Notice

| | |
|--------------------------|-----------------------|
| River: | Date: |
| ILLINOIS WATERWAY | 19 August 1996 |

| | |
|------------------|-------------------|
| Location: | Effective Period: |
| SEE BELOW | SEE BELOW |

In Reply Refer to:
OD-T

DREDGING, ILLINOIS WATERWAY

RM 152.0 - 153.0

- 1. The dredge Courtney II will commence channel maintenance dredging at Bartonville, RM 152.0 - 153.0, 21 August 1996.**
- 2. Dredging will be performed 24 hours per day, 7 days per week, until further notice.**
- 3. Mariners may 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

IW 96-07



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

Navigation Notice

| | |
|--------------------------|-----------------------|
| River: | Date: |
| ILLINOIS WATERWAY | 28 August 1996 |

| | |
|------------------|-------------------|
| Location: | Effective Period: |
| SEE BELOW | SEE BELOW |

In Reply Refer to:
OD-T

SUNKEN BUOY, ILLINOIS WATERWAY

- 1. A Sunken buoy has been reported in mid-channel at approximately RM 275 near Three Rivers Marina.**
- 2. CAUTION is advised while transiting the area.**

FOR THE DISTRICT ENGINEER:

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

IW 96-08



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

Navigation Notice

| | |
|--------------------------|--------------------------|
| River: | Date: |
| ILLINOIS WATERWAY | 04 SEPTEMBER 1996 |

| | |
|---|-------------------|
| Location: | Effective Period: |
| SENATE ISLAND UMR MILE 132.0 | SEE BELOW |

In Reply Refer to:
OD-T

DREDGING, ILLINOIS WATERWAY

SENATE ISLAND, RM 132 0

- 1. The Dredge Courtney II will commence channel maintenance dredging at Senate Island, RM 132.0, 4 September 1996.**
- 2. Dredging will be performed 24 hours per day, 7 days per week until further notice.**
- 3. Mariners may 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**

IW 96-09

ILLINOIS WATERWAY

06 SEP 96

SEE BELOW

SEE BELOW

OD-T

ILLINOIS WATERWAY

RM 87.7 - 88.1

1. The navigation channel at Beardstown, River Mile 87.7 to 88.1, is shallow, no more than 9.5 feet at flat pool. Because this area is frequently below flat pool, mariners are advised that vessels drafting over 9 feet transiting the area are in risk of running aground.
2. Mariners are advised to limit tow draft accordingly.
3. CAUTION is advised when transiting the area.

FOR THE DISTRICT ENGINEER:

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

IW 96-10



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

Navigation Notice

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|--------------------------|--------------------------|
| River: | Date: |
| ILLINOIS WATERWAY | 10 SEPTEMBER 1996 |

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|---|-------------------|
| Location: | Effective Period: |
| QUIVER ISLAND RM 120.0 - 121.0 | SEE BELOW |

In Reply Refer to:
OD-T

**DREDGING, ILLINOIS WATERWAY
QUIVER ISLAND, RM 120.0 - 121.0**

- 1. The Dredge Courtney II will commence channel maintenance dredging at Quiver Island, RM 120.0 - 121.0, 11 September 1996.**
- 2. Dredging will be performed 24 hours per day, 7 days per week until further notice.**
- 3. Mariners may 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**

IW 96-11



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

Navigation Notice

| | |
|--------------------------|--------------------------|
| River: | Date: |
| ILLINOIS WATERWAY | 17 SEPTEMBER 1996 |

| | |
|-----------------------------------|-------------------|
| Location: | Effective Period: |
| ANDERSON LAKE RM 109.5 | SEE BELOW |

In Reply Refer to:
OD-T

DREDGING, ILLINOIS WATERWAY

ANDERSON LAKE, RM 109.5

- 1. The Dredge Courtney II will commence channel maintenance dredging at Anderson Lake, RM 109.5, 18 September 1996. The dredge will be working along the left descending bank and using a crossing line.**
- 2. Dredging will be performed 24 hours per day, 7 days per week until further notice.**
- 3. Mariners may 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**

IW 96-12



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

Navigation Notice

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|--------------------------|--------------------------|
| River: | Date: |
| ILLINOIS WATERWAY | 24 SEPTEMBER 1996 |

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|-------------------------------|-------------------|
| Location: | Effective Period: |
| BEARDSTOWN RM 88.0 | SEE BELOW |

In Reply Refer to:
OD-T

DREDGING, ILLINOIS WATERWAY

BEARDSTOWN, RM 88.0

- 1. The Dredge Courtney II will commence channel maintenance dredging at Beardstown, RM 88.0, 24 September 1996.**
- 2. Dredging will be performed 24 hours per day, 7 days per week until further notice.**
- 3. Mariners may 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**

IW 96-13



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

Navigation Notice

River: **ILLINOIS WATERWAY** Date: **01 OCTOBER 1996**

Location: **LAGRANGE LOCK/DAM,
RM 80.0** Effective Period: **SEE BELOW**

In Reply Refer to:
OD-IM

**LOCK CLOSURE, ILLINOIS WATERWAY
LAGRANGE LOCK AND DAM, RM 80.0**

- 1. LAGRANGE LOCK/DAM, RM 80.0, will be closed beginning 9 October 1996, 0700 hours until 11 October 1996, 0700 hours for the purpose of emergency repairs to the upper gate anchorage system.**
- 2. Towboat operators are reminded NOT to tie up to the upper guidewalls during this closure period.**

FOR THE DISTRICT ENGINEER:

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

IW 96-14



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

Navigation Notice

| | |
|--------------------------|------------------------|
| River: | Date: |
| ILLINOIS WATERWAY | 04 OCTOBER 1996 |

| | |
|--|-------------------|
| Location: | Effective Period: |
| SPRING VALLEY, RM 216.8-217.4 | SEE BELOW |

In Reply Refer to:
OD-T

**DREDGING, ILLINOIS WATERWAY
SPRING VALLEY, RM 216.8-217.4**

- 1. The Dredge Courtney II will commence channel maintenance dredging at Spring Valley, river mile 216.8 to 217.4, beginning 5 October 1996.**
- 2. Dredging will be performed 24 hours per day, 7 days per week, until further notice.**
- 3. Mariners may contact the dredge on channel 13, 16, and 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**

IW 96-15



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

Navigation Notice

| | |
|--------------------------|------------------------|
| River: | Date: |
| ILLINOIS WATERWAY | 15 OCTOBER 1996 |

| | |
|--|-------------------|
| Location: | Effective Period: |
| DRESDEN ISLAND L/D RM 271.5 | SEE BELOW |

In Reply Refer to:
OD-I

LOCK CLOSURE, ILLINOIS WATERWAY

DRESDEN ISLAND L/D, RM 271.5

- 1. Dresden Island Lock/Dam, RM 271.5, will be closed to all navigation on 5 and 6 November 1996 from 7:00 a.m. to 7:00 p.m. for the purpose of installing the upper emergency gates.**
- 2. Towboat operators are reminded NOT to tie up to the upper guidewalls during these closure periods.**

FOR THE DISTRICT ENGINEER:

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

IW 96-16



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

Navigation Notice

| | |
|--------------------------|------------------------|
| River: | Date: |
| ILLINOIS WATERWAY | 18 OCTOBER 1996 |

| | |
|------------------|-------------------|
| Location: | Effective Period: |
| SEE BELOW | SEE BELOW |

In Reply Refer to:
OD-T

DREDGING, ILLINOIS WATERWAY

BULL'S ISLAND, RM 240.5

- 1. The Dredge Courtney II will commence channel maintenance dredging at Bull's Island, RM 240.5, 18 October 1996.**
- 2. Dredging will be performed 24 hours per day, 7 days per week until further notice.**
- 3. Mariners may 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

IW 96-17



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

Navigation Notice

| | |
|--------------------------|-------------------------|
| River: | Date: |
| ILLINOIS WATERWAY | 08 November 1996 |

| | |
|------------------|-------------------|
| Location: | Effective Period: |
| SEE BELOW | SEE BELOW |

In Reply Refer to:
OD-I

EMERGENCY REPAIRS - ILLINOIS WATERWAY

PEORIA LOCK, RM 158.0

- 1. Peoria Lock, RM 158.0, is closed to all navigation from 7 November 1996 through approximately 7:00 a.m. on 10 November 1996 for emergency repairs to the Lower Landwall gate.**
- 2. Towboat operators are reminded NOT to tie up to the upper guidewalls during these closure periods.**

FOR THE DISTRICT ENGINEER:

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

IW 96-18



US ARMY CORPS
OF ENGINEERS
ROCK ISLAND
DISTRICT

Navigation Notice

| | |
|-------------------|------------------|
| River: | Date: |
| ILLINOIS WATERWAY | 01 November 1996 |

| | |
|-----------|-------------------|
| Location: | Effective Period: |
| SEE BELOW | SEE BELOW |

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|--------------------|----------------------------|
| In Reply Refer to: | |
| CENCR-OD-I | LEGAL NOTICE TO NAVIGATION |

ILLINOIS WATERWAY RIVER ICE CONDITIONS RM 80.0 - 280.0

1. All tows moving through the Illinois Waterway from mile 80.0 to 280.0 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.

CENCR-OD-I

Legal Notice to Navigation:

Illinois Waterway
Ice Conditions
RM 80.0 - 280.0

5. Sheet ice will at times prevent opening of the upper and lower miter gates at Dresden Island, Marseilles, Starved Rock, Peoria and LaGrange Locks. 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.

6. 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 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.

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:

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

IW 96-19



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

Navigation Notice

River:
ILLINOIS WATERWAY

Date:
09 DECEMBER 1996

Location:
**LAGRANGE LOCK/DAM,
RM 80.0**

Effective Period:
17 AND 18 DECEMBER

In Reply Refer to:
OD-IM

**LOCK CLOSURE, ILLINOIS WATERWAY
LAGRANGE LOCK AND DAM, RM 80.0**

- 1. LAGRANGE LOCK/DAM, RM 80.0, will be closed on the 17 and 18th of December 1996, 7:00 a.m. until 7:00 p.m. for the purpose of changing the service gates for maintenance.**
- 2. Towboat operators are reminded NOT to tie up to the upper guidewalls during this closure period.**

FOR THE DISTRICT ENGINEER:

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

IW 96-20