



U.S. Department
of Homeland Security
**United States
Coast Guard**

LOCAL NOTICE TO MARINERS

District 8 MRS

Week: 50/20

Mississippi River System

LIGHT LIST VOLUME V
NOTICE NUMBER 50 - 20
December 16, 2020

LIGHT LIST REFERENCE: COMDTPUB P16502.5, Vol V, 2020 Edition.

CONTENTS: Rivers are listed in alphabetical order and are included only when there is information to report.
Broadcast Notice to Mariners Covered in this Edition

Originating Unit	Beginning BNM's	Ending BNM's
Sector Upper Mississippi River	0516 - 20 (UM)	0523 - 20 (UM)
Sector Lower Mississippi River	0598 - 20 (LM)	0604 - 20 (LM)
Sector Ohio Valley	0533 - 20 (OV)	0537 - 20 (OV)
OB DWB	0157 - 20 (DWB)	0160 - 20 (DWB)

COAST GUARD DISTRICT 8, WATERWAYS, (504) 671-2327, 7:00 a.m. until 3:30 p.m. (CST)
COMMENTS REGARDING SECTION VI – PROPOSED CHANGES MAY ALSO BE EMAILED TO: LocalNoticeFeedback@uscg.mil
NIS WATCHSTANDER PHONE (703) 313-5900 24-HOURS A DAY

INTERNET ADDRESS <https://www.navcen.uscg.gov/>

MISSISSIPPI RIVER SYSTEM LNM VIA INTERNET <https://www.navcen.uscg.gov/>

MISSISSIPPI RIVER SYSTEM LIGHT LIST VIA INTERNET https://www.navcen.uscg.gov/pdf/lightLists/LightList_V5_2020.pdf

ABBREVIATIONS

A through H

ADRIFT - Buoy Adrift
AICW - Atlantic Intracoastal Waterway
Al - Alternating
B - Buoy
BKW - Breakwater
bl - Blast
BNM - Broadcast Notice to Mariner
bu - Blue
C - Canadian
CHAN - Channel
CGD - Coast Guard District
C/O - Cut Off
CONT - Contour
CRK - Creek
CONST - Construction
DAYMK/Daymk - Daymark
DBN/Dbn - Daybeacon
DBD/DAYBD - Dayboard
DEFAC - Defaced
DEST - Destroyed
DISCON - Discontinued
DMGD/DAMGD - Damaged
ec - eclipse
EST - Established Aid
ev - every
EVAL - Evaluation
EXT - Extinguished
F - Fixed
fl - flash
Fl - Flashing
G - Green
GIWW - Gulf Intracoastal Waterway
HAZ - Hazard to Navigation
HBR - Harbor
HOR - Horizontal Clearance

I through O

I - Interrupted
ICW - Intracoastal Waterway
IMCH - Improper Characteristic
INL - Inlet
INOP - Not Operating
INT - Intensity
ISL - Islet
Iso - Isophase
kHz - Kilohertz
LAT - Latitude
LB - Lighted Buoy
LBB - Lighted Bell Buoy
LHB - Lighted Horn Buoy
LGB - Lighted Gong Buoy
LONG - Longitude
LNM - Local Notice to Mariners
LT - Light
LT CONT - Light Continuous
LTR - Letter
LWB - Lighted Whistle Buoy
LWP - Left Watching Properly
MHz - Megahertz
MISS/MSNG - Missing
Mo - Morse Code
MRASS - Marine Radio Activated Sound Signal
MSLD - Misleading
N/C - Not Charted
NGA - National Geospatial-Intelligence Agency
NO/NUM - Number
NOS - National Ocean Service
NW - Notice Writer
OBSCU - Obscured
OBST - Obstruction
OBSTR - Obstruction
Oc - Occulting

P through Z

PRIV - Private Aid
Q - Quick
R - Red
RACON - Radar Transponder Beacon
Ra ref - Radar reflector
RBN - Radio Beacon
REBUILT - Aid Rebuilt
RECOVERED - Aid Recovered
RED - Red Buoy
REFL - Reflective
RRL - Range Rear Light
RELIGHTED - Aid Relit
RELOC - Relocated
RESET ON STATION - Aid Reset on Station
RFL - Range Front Light
RIV - River
RRASS - Remote Radio Activated Sound Signal
s - seconds
SEC - Section
SHL - Shoaling
si - silent
SIG - Signal
SND - Sound
SPM - Single Point Mooring Buoy
SS - Sound Signal
STA - Station
STRUCT - Structure
St M - Statute Mile
TEMP - Temporary Aid Change
TMK - Topmark
TRLB - Temporarily Replaced by Lighted Buoy
TRLT - Temporarily Replaced by Light
TRUB - Temporarily Replaced by Unlighted Buoy
USACE - Army Corps of Engineers
W - White

Additional Abbreviations Specific to this LNM Edition:

RIAC - River Industry Action Committee
 MMSI - Mobile Maritime Service Identity
 AIS - Automatic Identification System
 ATON - Aids To Navigation
 COTP - Captain of The Port
 TRDBN - Temporary Replaced by Daybeacon
 C.F.S. - Cubic Feet per Second
 IAW - In Accordance With
 h.p. - horse power
 MPH - Miles Per Hour
 TVA - Tennessee Valley Authority
 INC - Incorporated

SECTION I - SPECIAL NOTICES

This section contains information of special concern to the Mariner.

DEPARTMENT OF HOMELAND SECURITY SUSPICIOUS ACTIVITY

The Department of Homeland Security (DHS) encourages the maritime public to report information concerning suspicious activity to the local Federal Bureau of Investigation Joint Terrorism Task Force (JTTF) Office, http://www.fbi.gov/about-us/investigate/terrorism/terrorism_jtfs, or to other appropriate authorities. The U.S. Coast Guard reminds the maritime industry that they may also report information concerning suspicious activity to the www.AmericasWaterwayWatch.org, the National Response Center (NRC) 1-800-424-8802 or 1-877-24WATCH.

LNM: 02-19

WESTERN RIVERS FLOATING AIDS TO NAVIGATION

The U.S. Coast Guard is responsible for placing and maintaining all aids to navigation. Buoys are set to mark project depths taking into consideration the prevailing river stages and obstructions. Buoy positions on the Inland Electronic Navigation Chart (IENC) are approximate, and subject to change depending on prevailing river stages and obstructions.

Buoys should always be given as wide a berth in passing as possible, consistent with the length and width of the vessel or tow and the width of the bend or crossing.

Buoys should always be used with caution. They may be carried off position by high water, accumulation of drift, ice, or sunk by collision or other causes. In those circumstances buoy marks will remain on the IENC and indicate the last known position of the buoy. Presence of a buoy mark on the IENC does not necessarily mean a buoy will be physically on position. When buoys are missing they will be replaced as soon as possible.

LNM: 16-19

GPS TESTING

At times, throughout our area or responsibility, multiple U.S. Government Agencies conduct GPS testing. These tests vary in duration, affected range from the test site and potential impact to the maritime user as they may affect systems that rely on GPS such as E-911, AIS and DSC. More information is available at the U.S. Coast Guard Navigation Center Website, <https://www.navcen.uscg.gov>. During these periods, GPS users are encouraged to report any GPS outages that they may experience, to the Navigation Information Service (NIS) by calling (703) 313-5900 or by using the NAVCEN Website to submit a GPS problem report.

LNM: 07-19

LOWER MISSISSIPPI RIVER - SAFETY ADVISORY/CHANNEL CONDITION

The COTP Lower Mississippi River has issued a low water Safety Advisory between approximate Miles 869.0 and 303.0. The USACE maintained depths and widths, may not be attainable on all buoy lines. Mariners are advised to monitor all gauge readings, for safe navigation. Mariners are requested to transit fleeting areas and fleets with as wide of berth as is safe. Mariners are requested to contact U.S. Coast Guard Sector Lower Mississippi River via VHF-FM Channel 16 or at (866) 777-2784, to report areas of shoaling, hazardous conditions or missing aids to navigation.

LNM: 43-20

MISSOURI RIVER - CHANNEL CONDITION/COTP ADVISORY

The following areas are in the low water action phase IAW the Western Rivers WAP Annex:

- Kansas City Reach (Mile 400.0 – Mile 300.0),
- Brunswick Reach (Mile 300.0 – Mile 200.0),
- Jefferson Reach (Mile 200.0 – Mile 100.0) and
- Washington Reach (Mile 100.0 – Mile 0.0).

Deep draft tows are advised to depart the area. All vessels SHALL transit these areas at a slow speed near fleeting areas, to minimize wake impact, due to the narrow channel width. Tow operators are advised to place the heaviest barges in the middle of the tow and identify fleeting areas in the event of a river closure. Mariners are requested to transit these areas with caution and contact U.S. Coast Guard Sector Upper Mississippi River via VHF-FM Channel 16, or at (314) 269-2332, or via e-mail at sumrwaterways@uscg.mil, to report shoaling, hazardous conditions or missing aids to navigation.

LNM: 49-20

ARKANSAS RIVER - L/D AVAILABILITY

Multiple L/D's on the Arkansas River, have varying states of availability and operations. Closures of locks will occur as local conditions warrant. Mariners are encouraged to contact the respective lock masters, for additional information regarding L/D closures or restrictions.

LNM: 36-19

ARKANSAS RIVER - USACE CHANNEL STATUS REPORTS

Attached as enclosures to this LNM, are USACE Arkansas River Channel Status Reports.

LNM: 49-20

MISSOURI RIVER - AIDS TO NAVIGATION

All floating aids to navigation, maintained by the U.S. Coast Guard, have been withdrawn for the commercial navigation season. Mariners are urged to transit the Missouri River with caution and to utilize all U.S. Coast Guard Broadcasts, the Local Notice to Mariners and electronic chart displays, for navigation.

LNM: 47-20

UPPER MISSISSIPPI RIVER/ST. CROIX RIVER/MISSOURI RIVER - DRAWBRIDGE OPERATION

Attached as an enclosure to this LNM, is Special Public Notice D8 DWB-894, regarding drawbridge operation on the Upper Mississippi River, St. Croix River and the Missouri River.

LNM: 50-20

UPPER MISSISSIPPI RIVER - USACE L/D WINTER LOCKAGE HOURS/CLOSURES

Attached as an enclosure to this LNM is USACE Rock Island District Navigation Notice 20-12890, regarding L/D winter lockage hours and closures.

LNM: 48-20

ARKANSAS RIVER - COVID-19/L/D RESTRICTIONS

Due to the ongoing COVID-19 concerns, mariners are required to follow the below procedure for crew change out at all Arkansas River L/D's in the USACE Little Rock and Tulsa Districts: Industry shall contact the lock 4-hours in advance of anticipated crew change. The number and names of the crew will be provided along with delivery of supplies. No industry personnel shall be allowed inside USACE control houses or buildings during crew changes, except in the case of medical emergency. Crew changes will still be allowed on the lock wall but industry must go directly from the vehicle to the motor vessel. Industry personnel will be required to use their own facilities while navigating through the lock. The physical exchange of trip tickets from crew members to lock staff members will still not be allowed and must be communicated by some other means prior to transiting the lock. Questions or requests for additional information, concerning this notice, should be directed to USACE Little Rock District Office at (501) 324-5739 or at ceswl-op-om@usace.army.mil.

LNM: 42-20

LOWER MISSISSIPPI RIVER/ARKANSAS RIVER/RED RIVER - CHANNEL CONDITION/SAFETY ADVISORY

The COTP Lower Mississippi River has issued a Safety Advisory, due to higher than expected channel shoaling and sediment buildup. Mariners are advised to transit these rivers with caution, due to the hazardous conditions associated with missing or off station aids to navigation. Fleet operators should regularly check their fleets and immediately report barge breakaways to the U.S. Coast Guard Sector Lower Mississippi River via VHF-FM Channel 16 or at (866) 777-2744, for further information or to report areas of concern.

LNM: 25-20

UPPER MISSISSIPPI RIVER - L/D CLOSURES

Attached as an enclosure to this LNM, is USACE St. Paul District Notice to Navigation Interests 20-02, regarding closures at multiple L/D's along the Upper Mississippi River.

LNM: 39-20

L/D CLOSURES - USACE ROCK ISLAND DISTRICT

Attached as an enclosure to this LNM, is USACE Rock Island District Notice to Navigation Interests 20-12066-2, regarding L/D closures/maintenance schedule for 2020-2021.

LNM: 46-20

SECTION II - DISCREPANCIES

This section lists all reported and corrected discrepancies related to Aids to Navigation in this edition. A discrepancy is a change in the status of an aid to navigation that differs from what is published or charted.

DISCREPANCIES (FEDERAL AIDS)

LLNR	Aid Name	Status	Chart No.	BNM Ref.	LNM St	LNM End
225	Murphys Island Light	STRUCT DEST		0600OV	28/18	
280	Karns Island Upper Light	STRUCT DEST		0651OV	31/18	
930	Riverside Light	LT IMCH		0149LM	29/18	

990	Milligan Bend Light	STRUCT DEST	0642LM	51/19
1010	Webber Falls Jetty Light	STRUCT DEST	0641LM	51/19
1020	Bluff View Light	STRUCT DEST	0640LM	51/19
1055	Hisaw Bottom Light	LT EXT	0196LM	40/18
1070	Brier Creek Light	STRUCT DEST	0205LM	31/15
1077	Sandtown Bottom Light	STRUCT DEST	0457LM	39/19
1200	Black Rock Daybeacon	STRUCT DEST	0379LM	35/19
1205	Gans Light	STRUCT DEST	0335LM	33/19
1213	Non Lateral Mark 330.4	STRUCT DEST	0087LM	05/16
1220	Onion Creek Daybeacon	STRUCT DMGD	0334LM	33/19
1223	Non Lateral Mark 328.5	STRUCT DMGD	0333LM	33/19
1225	Tucker Lake Light	STRUCT DEST	0332LM	33/19
1230	Mcnabb Bottom Daybeacon	STRUCT DEST	0332LM	33/19
1240	Deadman Slough Light	STRUCT DEST	0330LM	33/19
1245	Redland Light	STRUCT DEST	0329LM	33/19
1255	Wilson's Rock Light	STRUCT DMGD	0380LM	35/19
1265	Peno Point Daybeacon	DAYMK DMGD	0580LM	47/19
1267	Non Lateral Mark 313.9	STRUCT DEST	0089LM	05/16
1278	Non Lateral Mark 309.8	STRUCT DMGD	0378LM	35/19
1305	Fort Smith Light	STRUCT DEST	0383LM	35/19
1315	Garrison Creek Daybeacon	DAYMK MISSING	0377LM	35/19
1360	Crawford County Daybeacon	STRUCT DEST	0378LM	35/19
1365	Jeffrey Light	DAYMK MISSING	0376LM	35/19
1390	Fort Chaffee Light	STRUCT DEST	0579LM	47/19
1395	Haroldton Light	DAYMK MISSING	0578LM	47/19
1400	New Haroldton Light	STRUCT DEST	0574LM	47/19
1410	Lavaca Light	LT EXT/DAYMK MISSING	0577LM	47/19
1415	Trustee Bend Cutoff Light	LT EXT/DAYMK MISSING	0576LM	47/19
1420	Gun Club Lake Daybeacon	DAYMK MISSING	0582LM	47/19
1425	Big Creek Light	DAYMK MISSING	0581LM	47/19
1427	Big Creek Daybeacon	DAYMK MISSING	0575LM	47/19
1430	Arbuckle Island Light	STRUCT DEST	0091LM	05/16
1435	Clear Creek Light	DAYMK MISSING	0584LM	41/19
1445	Crooked Slough Light	STRUCT DEST	0583LM	47/19
1455	Mulberry River Daybeacon	STRUCT DEST	0041UM	11/17
1510	Moore's Creek Light	LT IMCH/STRUCT DMGD	0394LM	44/16
1515	Roseville Daybeacon	DAYMK MISSING	0604LM	50/19
1520	O'Kane Island Light	LT IMCH/STRUCT DMGD	0393LM	44/16
1525	Alix Bottom Light	STRUCT DEST	0605LM	50/19
1530	County Line Daybeacon	STRUCT DEST	0606LM	50/19
1532	Non Lateral Mark 246.3	DAYMK MISSING	0607LM	50/19
1535	Kalamazoo Light	DAYMK MISSING	0608LM	50/19
1562	Non Lateral Mark 236.3	DAYMK MISSING	0609LM	50/19
1615	Dublin Daybeacon	STRUCT DEST	0610LM	50/19
1650	Bunker Hill Upper Daybeacon	STRUCT DEST	0639LM	51/19
1660	Bunker Hill Lower Daybeacon	STRUCT DEST	0643LM	51/19
1695	Dardanelle Reach Light	DAYMK DMGD	0204LM	31/15
1697	Non Lateral Mark 201.4	STRUCT DEST	0200LM	41/18
1700	Elberta Light	DAYMK MISSING	0611LM	50/19

1705	Old Neely Daybeacon	DAYMK MISSING	0612LM	50/19
1708	Non Lateral Mark 197.9	STRUCT DEST	0052LM	13/17
1710	Point Bar Cutoff Light	DAYMK MISSING	0613LM	50/19
1715	Hola Bend Cutoff Light	DAYMK MISSING	0614LM	50/19
1725	Reeds Ferry Light	DAYMK MISSING	0615LM	50/19
1733	Non Lateral Mark 189.8	DAYMK MISSING	0616LM	50/19
1735	Sweeden Island Light	LT EXT/DAYMK MISSING	0617LM	50/19
1738	Non Lateral Mark 188.8	DAYMK MISSING	0618LM	50/19
1740	Galla Creek Light	DAYMK MISSING	0619LM	50/19
1745	Wilson Light	STRUCT DEST	0620LM	50/19
1770	Willow Bend Lower Daybeacon	DAYMK MISSING	0621LM	50/19
1798	Non Lateral Mark 175.6	DAYMK MISSING	0622LM	50/19
1800	Point Remove Creek Light	DAYMK MISSING	0623LM	50/19
1815	Ellis Island Light	STRUCT DEST	0630LM	51/19
1817	Non Lateral Mark 171.2	DAYMK MISSING	0631LM	51/19
1830	Cypress Creek Light	LT IMCH/DAYMK DMGD	0632LM	51/19
1835	Morrilton Cutoff Light	DAYMK MISSING	0633LM	51/19
1845	Stane Reach Upper Daybeacon	DAYMK DMGD	0634LM	51/19
1850	Stane Reach Light	DAYMK DMGD	0635LM	51/19
1890	Belk Corner Light	DAYMK MISSING/STRUCT DMGD	0558LM	45/19
1900	Stanley Bar Light	DAYMK DMGD	0559LM	45/19
1903	Non Lateral Mark 150.9	DAYMK MISSING	0560LM	45/19
1905	Hickman Bend Light	DAYMK DMGD	0561LM	45/19
1910	Bigelow Light	DAYMK MISSING	0562LM	45/19
1915	Bigelow Middle Daybeacon	DAYMK DMGD	0563LM	45/19
1920	Bigelow Lower Light	DAYMK MISSING	0538LM	44/19
1930	Tri County Light	STRUCT DEST	0370LM	41/16
1940	Beaver Dam Creek Daybeacon	STRUCT DMGD	0636LM	51/19
1945	Devils Bend Light	LT IMCH	0212LM	43/18
1948	Non Lateral Mark 138.8	DAYMK MISSING	0539LM	44/19
1953	Non Lateral Mark 137.6	DAYMK MISSING	0540LM	44/19
1960	Palarm Light	DAYMK MISSING	0541LM	44/19
1975	Maumelle River Upper Daybeacon	STRUCT DEST	0565LM	45/19
1988	Non Lateral Mark 130.6	DAYMK MISSING	0542LM	44/19
2005	Crystal Hill Light	LT IMCH	0047LM	12/17
2030	Burns Park Light	STRUCT DEST	0514LM	42/19
2045	Waterworks Bend Light	DAYMK DMGD	0515LM	42/19
2125	Fourche Place Cutoff Light	LT EXT	0523LM	42/19
2130	Willow Bar Light	LT EXT	0524LM	42/19
2143	Non Lateral Mark 106.5	DAYMK MISSING	0637LM	51/19
2160	Estes Place Light	DAYMK IMCH/STRUCT DMGD	0396LM	44/16
2173	Non Lateral Mark 99.0	DAYMK MISSING	0638LM	51/19
2199	Non Lateral Mark 92.0	STRUCT DEST	0398LM	44/16
2370	Ste. Marie Bend Lower Daybeacon	STRUCT DEST	0407LM	45/16
2435	Richland Bend Middle Daybeacon	STRUCT DEST	0099LM	16/18
2485	Little Bayou Meto Lower Daybeacon	DAYMK DMGD	0094LM	15/18
2498	Cummins Bend Daybeacon	STRUCT DEST	0103LM	06/16
2540	Sample Island Light	STRUCT DEST	0106LM	06/16
2550	Sample Island Lower Light	STRUCT DEST	0107LM	06/16

2665	Owens Lake Daybeacon	DAYMK DMGD	0110LM	06/16
2825	Miller Creek Daybeacon	STRUCT DEST	0346OV	18/18
3655	Cages Bend Light	STRUCT DEST	0660OV	38/19
3965	Watkins Daybeacon	STRUCT DEST	0245OV	19/17
4250	Shammels Mound Landing Light	STRUCT DEST	0010OV	02/16
4285	Saline Creek Light	STRUCT DEST/TRUB	0221OV	26/16
4315	Pryors Creek Light	STRUCT DEST	0030OV	02/20
4340	Devils Elbow Light	STRUCT DEST	0306OV	16/18
4390	Crooked Creek Light	STRUCT DEST/TRUB	0383OV	36/16
4500	Kuttawa Bar Light	STRUCT DEST	0243OV	12/18
4505	Money Cliff Light	STRUCT DEST	0364OV	19/18
7035	Drolls Point Light	STRUCT DEST/TRLB	0233UM	23/20
7290	Turkey Island Upper Upper Daybeacon	STRUCT DEST	0511UM	49/20
7585	Frederick Light	STRUCT DEST	0539UM	29/19
7650	Briggs Landing Light	LT EXT/STRUCT DMGD	0890UM	51/19
8840	Nine Mile Creek Light	STRUCT DEST	0699OV	33/18
8857	Arbuckle Creek Light	STRUCT DEST/TRDBN		39/20
9150	Washita Point Light	LT EXT	0395LM	33/20
9185	Preston Peninsula Light	REDUCED INT	0420LM	46/16
9456	Six Mile Cut Lower Daybeacon	STRUCT DEST	0518UM	47/18
9535	Quaker Oats Light	STRUCT DEST	0043OV	06/16
9565	Putney Daybeacon	DAYMK DMGD	0768OV	52/19
9590	Iron Bank Light	LT EXT	0770OV	52/19
9630	Samuel Light	LT EXT	0771OV	52/19
9660	Osage Orange Daybeacon	DAYMK DMGD	0773OV	52/19
9663	Barker Daybeacon	DAYMK MISSING/STRUCT DMGD	0774OV	52/19
9665	French Point Light	STRUCT DEST	0775OV	52/19
9680	Island 8 Chute Upper Daybeacon	DAYMK MISSING/STRUCT DMGD	0787OV	52/19
9690	Milton Bell Light	LT EXT	0172OV	22/16
9695	Lester Light	STRUCT DEST	0777OV	52/19
9700	Island 10 Bar Light	LT EXT	0779OV	52/19
9707	Everest Landing Daybeacon	DAYMK MISSING/STRUCT DMGD	0780OV	52/19
9715	Groom Towhead Daybeacon	STRUCT DEST	0781OV	52/19
9725	Morrison Towhead Daybeacon	LT EXT	0788OV	52/19
9770	Nolan Daybeacon	DAYMK MISSING	0783OV	52/19
9780	Williams Point Daybeacon	DAYMK DMGD	0778OV	52/19
9790	Bixby Towhead Light	DAYMK MISSING	0786OV	52/19
9810	Merriwether Bend Light	LT EXT/DAYMK MISSING	0791OV	52/19
9825	Carey Upper Daybeacon	STRUCT DEST	0648LM	52/19
9830	Little Cypress Bend Light	LT EXT/DAYMK DMGD	0649LM	52/19
9845	Murphy Smith Upper Daybeacon	STRUCT DEST	0065LM	14/17
9860	Robinson Bayou Light	LT EXT	0650LM	52/19
9905	Blaker Towhead Light	LT EXT/DAYMK DMGD	0651LM	52/19
9910	Blaker Towhead Lower Light	LT EXT	0652LM	52/19
9980	Obion Bar Light	LT EXT/DAYMK MISSING	0653LM	52/19
10195	Dean Island Light	REDUCED INT	0327LM	33/19
10225	Island 40 Foot Light	STRUCT DEST	0232LM	49/18
10540	Harbert Point Light	LT EXT	0256LM	36/15
10545	Stumpy Point Light	STRUCT DEST	0249LM	52/18

10625	Delta Lower Light	STRUCT DEST	0118LM	06/16
10650	Miller Point Light	STRUCT DEST	0171LM	14/16
10660	Old Town Bend Foot Light	STRUCT DEST	0253LM	36/15
10685	Robson Light	STRUCT DEST	0116LM	06/16
10700	Sunflower Cut-Off Foot Light	STRUCT DEST	0115LM	06/16
10710	Ludlow Bar Light	DAYMK DMGD	0018LM	04/18
10715	Wood Cottage Light	STRUCT DEST	0114LM	06/16
10720	Knowlton Light	STRUCT DEST	0113LM	06/16
10730	Mason Landing Daybeacon	STRUCT DEST	0172LM	14/16
10815	Riverton Middle Bar Light	STRUCT DEST	0113LM	21/18
10885	Cypress Bend Light	STRUCT DEST	0032LM	07/18
10895	Eutaw Bar Light	STRUCT DEST	0365LM	35/19
10905	Mounds Crevasse Lower Light	STRUCT DEST	0114LM	21/18
10910	Boliver Light	STRUCT DEST	0069LM	11/18
10955	Miller Bend Light	STRUCT DEST	0030LM	06/18
10965	La Grange Towhead Light	STRUCT DEST	0367LM	35/19
11050	Vaucluse Bend Light	STRUCT DEST	0028LM	06/18
11070	Anconia Point Light	STRUCT DEST	0368LM	35/19
11080	Lakeport Light	STRUCT DEST	0369LM	35/19
11085	Walnut Point Light	STRUCT DEST	0370LM	35/19
11125	Corregidor Light	STRUCT DEST	0080LM	05/16
11130	Sarah Island Light	STRUCT DEST	0371LM	35/19
11170	Stack Island Light	STRUCT DEST	0372LM	35/19
11180	STACK ISLAND LOWER LIGHT	STRUCT DEST	0373LM	35/19
11195	Chinaman Light	STRUCT DEST	0374LM	35/19
11210	Fitler Point Daybeacon	STRUCT DEST	0170LM	28/17
11215	Seitz Light	STRUCT DEST	0448LM	38/19
11220	Cottonwood Bar Pointway Light	STRUCT DEST	0449LM	38/19
11245	Willow Point Light	DAYMK DMGD	0450LM	38/19
11250	Belle Island Corner Daybeacon	STRUCT DEST	0451LM	38/19
11250	Belle Island Corner Daybeacon	STRUCT DEST/TRDBN	0134LM	22/15
11270	Cabin Teele Light	STRUCT DEST	0452LM	38/19
11270	Cabin Teele Light	STRUCT DMGD	0079LM	12/14
11275	Marshall Point Cut-Off Daybeacon	STRUCT DEST	0453LM	38/19
11280	Joseph Henry Daybeacon	STRUCT DEST	0454LM	38/19
11300	Kings Point Light	LT EXT	0337LM	35/16
11305	Centennial Island Light	LT EXT	0338LM	35/16
11395	Cypress Bunch Light	STRUCT DEST	0461LM	39/19
11407	Coggins Light	STRUCT DEST	0296LM	29/16
11415	Reid Bedford Point Light	STRUCT DEST	0463LM	39/19
11425	Diamond Light	STRUCT DEST	0464LM	39/19
11430	Sargent Point Light	LT IMCH/DAYMK DMGD	0465LM	39/19
11440	Cannon Point Light	STRUCT DEST	0294LM	41/17
11455	Buckridge Light	STRUCT DEST	0467LM	39/19
11470	Grand Gulf Island Light	STRUCT DEST	0468LM	39/19
11495	Hart Light	LT IMCH/DAYMK DMGD	0469LM	39/19
11505	Old Levee Light	LT IMCH/DAYMK DMGD	0470LM	39/19
11520	Ashland Light	LT IMCH/DAYMK DMGD	0471LM	39/19
11530	Hole In The Wall Light	LT IMCH/REDUCED INT	0472LM	39/19

11540	Giles Bend Cut-Off Light	STRUCT DEST	0171LM	28/17
11700	Fort Adams Light	STRUCT DEST	0402LM	36/19
11795	Morganza Crevasse Light	STRUCT DEST	0400LM	36/19
11835	Bayou Sara Bend Light	STRUCT DEST	0399LM	36/19
11860	Port Hudson Light	STRUCT DEST	0581NOLA	36/19
11900	Devils Swamp Light	STRUCT DEST	0397LM	36/19
11940	Ben Burman Light	STRUCT DEST	0549LM	44/19
12677	Island 21 Daybeacon	STRUCT DEST	0503UM	27/19
13165	Lock 5A Light	LT EXT	0172UM	20/20
13230	Island 74 Light	STRUCT DEST/TRUB	0380UM	34/20
13430	Root River Upper Light	LT EXT	0172UM	20/20
13510	Perry Ruby Light	STRUCT DEST	0061UM	12/17
13720	Crooked Slough Head Daybeacon	STRUCT DEST/TRUB	0482UM	26/19
13725	Crooked Slough Head Light	STRUCT DEST/TRUB	0482UM	26/19
13915	Clayton Lower Daybeacon	STRUCT DEST/TRUB	0240UM	31/18
14010	Cassville Upper Daybeacon	STRUCT DEST	0546UM	29/19
14030	Cassville Lower Light	STRUCT DEST	0546UM	29/19
14055	Milkmans Island Light	LT EXT	0172UM	20/20
14095	Island 214 Light	STRUCT DEST/TRLB	0101UM	19/18
14105	Maquoketa Island Light	STRUCT DEST	0460UM	25/19
14230	Nine-Mile Island Light	STRUCT DEST	0410LM	36/17
14260	Stone Slough Light	STRUCT DEST	0454UM	25/19
14275	Fever River Light	STRUCT DEST/TRUB	0485UM	45/18
14295	Pulaski Light	STRUCT DEST	0485UM	45/18
14385	Arnold Towhead Light	STRUCT DEST	0449UM	25/19
14445	Sabula Lower Light	STRUCT DEST	0446UM	25/19
15170	Edwards Island Upper Light	STRUCT DEST/TRUB	0403UM	26/16
15255	Bakers Point Light	STRUCT DEST	0131UM	21/18
16910	Ste. Genevieve Island Light	STRUCT DEST	0557UM	30/19
17790	Snyder Bend Upper Daybeacon	STRUCT DEST	0863UM	48/19
17795	Snyder Bend Daybeacon	DAYMK DMGD	0050UM	08/19
17825	Hutchinson Daybeacon	DAYMK DMGD	0050UM	08/19
18545	Wagons Landing Daybeacon	STRUCT DEST	0445UM	41/20
18580	Nebraska Bend Daybeacon	STRUCT DEST	0445UM	41/20
18765	Little Nemaha River Daybeacon	STRUCT DEST	0556UM	49/18
18830	Indian Cave Bend Lower Daybeacon	STRUCT DEST	0463UM	26/19
18840	Corning Landing Daybeacon	STRUCT DEST	0464UM	26/19
18850	Fargo Daybeacon	STRUCT DEST	0464UM	26/19
18860	Lower Cottier Bend Daybeacon	STRUCT DEST	0332UM	29/20
19030	Myers Daybeacon	STRUCT DEST	0464UM	26/19
23285	Cluster Upper Light	STRUCT DEST	0721OV	34/18
24110	Old Lock No. 17 Lower Daybeacon	STRUCT DEST		39/20
29258.4	Lock Three Upper Daybeacon	STRUCT DMGD		36/20
29272	Deloges Middle Daybeacon	DAYMK IMCH		36/20
29340	England Daybeacon	STRUCT DEST		36/20
29380	Alexandria Daybeacon	STRUCT DEST		36/20
29450	Lock Two Upper Daybeacon	DAYMK MISSING		36/20
29467	Hog Lake Daybeacon	STRUCT DEST		36/20
29475	Once More Daybeacon	STRUCT DEST		36/20

29500	Schaminol Lake Daybeacon	DAYMK DMGD		36/20
29535	Johnson Lake Daybeacon	STRUCT DEST		37/20
29540	Johnson Bayou Daybeacon	STRUCT DEST		37/20
29547	Hadden Fort Middle A Daybeacon	MISSING	0436LM	41/11
29555	Hadden Fort Lower Daybeacon	STRUCT DEST		37/20
29565	Brouillette Daybeacon	STRUCT DEST		37/20
29575	Lake St. Agnes Daybeacon	STRUCT DEST		37/20
29597	Larto Middle Daybeacon	STRUCT DEST	0049LM	12/17
29600	Larto Bayou Daybeacon	STRUCT DEST	0050LM	12/17
29605	Lorran Lake Upper Daybeacon	STRUCT DEST		37/20
29618	Red River Entrance Light	STRUCT DEST		37/20
29665	Dry Cypress Daybeacon	STRUCT DEST		37/20
29690	Bayou Cocodrie Upper Daybeacon	STRUCT DEST		37/20
29695	Bayou Cocodrie Daybeacon	STRUCT DEST		37/20
29710	Grassy Lake Daybeacon	DAYMK MISSING		37/20
29725	Alligator Bayou Daybeacon	STRUCT DEST	0216LM	33/17
29750	Timber Lake Daybeacon	STRUCT DEST		37/20
29755	Naples Daybeacon	STRUCT DEST		37/20
29775	Three Rivers Junction Light	STRUCT DEST		37/20
29780	Barbre Daybeacon	STRUCT DEST		37/20
29785	Torras Daybeacon	STRUCT DEST		37/20
29795	Oak Grove Daybeacon	STRUCT DEST		37/20
30600	Half Moon Foot Light	STRUCT DEST/TRLB	0824OV	01/18
31995	Dry Creek Light	LT IMCH	0402OV	31/20
32140	Chambers Daybeacon	STRUCT DEST	0178OV	11/13
32170	Diamond Island Lower Daybeacon	STRUCT DEST	0177OV	11/13
32325	Condors Landing Light	STRUCT DEST	0127OV	09/20
32445	Sales Light	TRUB/STRUCT DEST	0269OV	19/14
32460	Reynoldsburg Island Light	STRUCT DEST/TRUB	0290OV	15/18
32480	Higgins Light	STRUCT DEST	0342OV	27/15
32530	Standing Rock Upper Light	STRUCT DEST	0658OV	41/13
32585	Pine Bluff Light	STRUCT DEST	0308OV	19/19
32600	Clyde Light	LT EXT	0581OV	44/15
32605	Newburg Light	STRUCT DEST	0362OV	29/15
32650	West Entrance Canal Light	LT EXT	0994OV	50/18
32665	Grand Rivers Light	LT EXT	0993OV	50/18

DISCREPANCIES (FEDERAL AIDS) CORRECTED

LLNR	Aid Name	Status	Chart No.	BNM Ref.	LNM St	LNM End
6490	Bulls Island Ferry Light	REBUILT/REMAINS			48/20	50/20

DISCREPANCIES (PRIVATE AIDS)

LLNR	Aid Name	Status	Chart No.	BNM Ref.	LNM St	LNM End
1685	Oakley Dock Light	LT EXT		0307-14 LM	44/14	
1690	Mobley Dock Light	LT EXT		0454-13 LM	48/13	
2100	Oakley Light	LT EXT		0520LM	42/19	
2337	Island Harbor Marina Light	LT EXT			45/16	
2340	Century Tube Lights (2)	LT EXT			45/16	

2400	Pickett And Davison Lights (2)	LT EXT	0481-13 LM	50/13
3725	Lakewood Marina Lights (4)	LT IMCH	0439-15 OV	34/15
3750	Dupont Dock Lights (2)	OFF STA/LT EXT	0305-15 OV	26/15
3795	Nashville Water Intake Lights (2)	LT EXT		44/11
3805	Holnam Dock Lights (2)	LT EXT		44/11
3815	Kerr-Mcgee Dock Lights (2)	LT EXT		44/11
3820	Cohen Terminal Lights (2)	LT EXT		44/11
3930	Alcoa Chemical Dock Lights (2)	MSLD SIG/LT EXT	0216-10 OV	14/10
3960	Hunter Marine Transport Dock Lights (2)	LT EXT		47/08
3995	Riverview Marina Lights (2)	LT EXT		47/08
4055	Clarksville Boat Club Dock Lights (2)	LT EXT	0533-12 OV	34/12
6170	Quantum Chemical Dock Lights (2)	LT EXT	0436-01 UM	31/01
6580	Consolidated Grain & Barge Lights (2)	LT EXT		41/14
6635	Flint Hills Dock Lights (2)	LT EXT	0429-14 UM	41/14
6650	S. T. Services Terminal Lights (2)	LT EXT		41/14
6695	Continental Grain Company Light	LT EXT		41/14
6700	Cargill Lights (3)	LT EXT		41/14
7225	Cargo Carriers Dock Lights (2)	LT EXT		25/08
7235	Pekin Boat Club Breakwater Light	LT EXT		05/16
7250	Shell Dock Lights (2)	LT EXT	0123-02 UM	16/02
7255	Adm Growmark Mooring Light	LT EXT	0122-02 UM	16/02
7260	Sours Grain Tramway Light	LT EXT	0279-03 UM	21/03
7265	Tomen Dock Light	LT EXT		25/08
7295	Adm Growmark Mooring Lights (3)	LT EXT	0281-03 UM	21/03
7460	Cargill Mooring Lights (2)	LT EXT	0284-03 UM	21/03
7620	Cargill Dock Lights (2)	LT EXT		35/08
7725	Cargill Terminal Lights (2)	LT IMCH	0171-18 UM	26/18
7730	Public Service Co. Dock Lights (6)	LT EXT	0119-18 UM	20/18
7730	Public Service Co. Dock Lights (6)	LT IMCH	0171-18 UM	26/18
7760	Adm Growmark Grain Elevator Lights (2)	LT IMCH	0171-18 UM	26/18
8095	Pere Marquette Boat Harbor Light	LT EXT	0013-15 UM	04/15
9440	Black Dog Lights (5)	LT EXT		43/16
9965	Huffman Grain Light	STRUCT DEST	0131-16 LM	08/16
10300	Cargill Dock Light	LT EXT	0361-01 LM	34/01
10390	Peavey Lights (2)	LT EXT	0398-02 LM	36/02
10395	Suburban Propane Dock Light	LT EXT	0396-02 LM	36/02
10415	Western Tar Products Dock Light	LT EXT	0394-02 LM	36/02
11943	Bear Industries Barge Dock Lights (4)	LT EXT	0600-17 NO	30/17
11990	Riverside Dock Lights (2)	LT EXT	0695-01 UM	40/01
12080	University Dock Lights (3)	LT EXT	0696-01 UM	40/01
12215	Koch Fuel Dock Lights (2)	LT EXT		35/16
12320	Newport Terminal Lights (2)	LT EXT		35/16
12385	Shiely Dock Lights (2)	LT IMCH		35/16
12712	City of Red Wing Metering Station Special Light	MISSING		42/16
12768	Consolidated Grain and Barge Loading Dock Piling Lights (2)	MISSING		42/16
12930	Alma City Dock Light/Daymarks (3)	MISSING		42/16
13405	G. Heileman Brewery Dock Light	MISSING		42/16

14756	Isle Of Capri Casino Marina Daybeacon	MISSING		03/16
15345	Koch Nitrogen Dock Light	LT EXT		41/14
15415	Riverview Park Dock Light	LT EXT	0531-15 UM	49/15
15425	Hall Towing Light	STRUCT DEST	0280UM	25/20
15822	Hannibal Intake Light	LT EXT	0358-20 UM	32/20
16100	Jersey County Grain Dock Lights (2)	LT EXT		19/16
16205	Piasa Harbor Light	LT EXT	0131-15 UM	22/15
16220	Con-Agra Mooring Lights (2)	LT EXT		21/16
16230	Alton Marina Breakwater Lights (3)	LT EXT	0131-15 UM	22/15
16265	Amoco Dock Light	STRUCT DEST		35/09
16280	Amoco Dock Lights (4)	LT EXT		35/09
16310	Sioux City/New Orleans Terminal Light	STRUCT DEST		35/09
16380	Western Dock Lights (9)	LT IMCH		34/08
16390	Adm-Growmark Dock Lights (4)	LT EXT	0776-01 UM	44/01
16430	Union Electric Coal Dock Lights (2)	LT EXT	0305-08 UM	34/08
16445	Continental Cement Lights (2)	LT EXT	0305-08 UM	34/08
16505	Peavey Company Dock Lights (3)	LT EXT	0305-08 UM	34/08
16530	Cahokia Marine Terminal Lights (2)	LT EXT	0305-08 UM	34/08
16540	Slay Bulk Terminal Lights (2)	LT EXT	0305-08 UM	34/08
16545	Peavey Lights (3)	LT EXT	3305-08 UM	34/08
16550	Eagle Marine Industries Light	LT IMCH	0305-08 UM	34/08
16560	Phillips Pipeline Lights (2)	LT EXT	0305-08 UM	34/08
16565	Growmark Dock Lights (2)	LT EXT	0305-08 UM	34/08
16575	Eagle Marine Dock Lights (2)	LT EXT	0305-08 UM	34/08
16600	J.H. Collier Barge Mooring Lights (2)	LT EXT	0305-08 UM	34/08
16605	Clark Oil Refining Dock Lights (4)	LT EXT	0305-08 UM	34/08
16609	Alcoa Foil Lights (2)	LT EXT	0305-08 UM	34/08
16615	Hci Chemtech Dock Lights (2)	LT EXT	0305-08 UM	34/08
16617	Semmaterials Terminal Lights (2)	LT EXT	0305-08 UM	34/08
16630	American Commercial Dock Lights (2)	LT EXT	0305-08 UM	34/08
16655	Bussen Terminal Light	LT EXT	0305-08 UM	34/08
18700	Bunge Dock Lights (3)	MISSING/LT EXT		18/08
19185	St. Joseph L & P Dock Light	LT IMCH		17/08
19300	Bartlett Grain Dock Light	LT EXT		44/14
19415	Leavenworth Water Intake Lights (2)	LT EXT	0104-07 UM	39/07
19460	Smoot Grain Dock Lights (2)	LT EXT	0385-07 UM	39/07
19505	Board Of Public Utilities Light	LT EXT	0386-07 UM	39/07
19535	Public Utilities Intake Lights (3)	LT EXT		38/08
19660	Continental Grain Dock Lights (4)	LT EXT	0181-08 UM	24/08
19695	Kansas City Power And Light Company Lights (2)	LT EXT	0181-08 UM	24/08
24005	Bens Run Light	LT EXT		03/20
25820	Cargill Barge Loading Facility Light	LT EXT	0552-09 OV	40/09
26290	Boone County Sand And Gravel Lights (2)	LT EXT	0769-00 OV	40/00
26860	Dupont Chemical Lights (2)	LT EXT	0330-18 OV	17/18
27300	American Electric Power Lights (7)	LT EXT	0245-17 OV	12/18
32550	Paris Landing State Park Lights (2)	Status Unreported	0452-20 OV	38/20
32900	Ergon Dock Lights (2)	LT IMCH		17/13

DISCREPANCIES (PRIVATE AIDS) CORRECTED

LLNR	Aid Name	Status	Chart No.	BNM Ref.	LNM St	LNM End
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None**PLATFORM DISCREPANCIES**

Name	Status	Position	BNM Ref.	LNM St	LNM End
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None**PLATFORM DISCREPANCIES CORRECTED**

Name	Status	Position	BNM Ref.	LNM St	LNM End
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None**SECTION III - TEMPORARY CHANGES and TEMPORARY CHANGES CORRECTED**

This section contains temporary changes and corrections to Aids to Navigation for this edition. When charted aids are temporarily relocated for dredging, testing, evaluation, or marking an obstruction, a temporary correction shall be listed in Section IV giving the new position.

TEMPORARY CHANGES

LLNR	Aid Name	Status	Chart No.	BNM Ref.	LNM St	LNM End
8540	Blaines Island Light	DISCONTINUED			39/20	
8840	Nine Mile Creek Light	DISCONTINUED			11/18	
10455	Armstrong Bar Light	RELOCATED			23/18	
11275	Marshall Point Cut-Off Daybeacon	TRDBN			49/16	
11280	Joseph Henry Daybeacon	TRDBN			49/16	
15395	Dutchman Island Lighted Buoy	TRUB		0512UM	49/20	20/21
15435	Sunken M/V John Paul Lighted Buoy	TRUB		0512UM	49/20	20/21
15475	Waggoner PT Lighted Buoy	TRUB		0512UM	49/20	20/21
29880	Kinnikinnic River Daybeacon	DISCONTINUED			21/20	

TEMPORARY CHANGES CORRECTED

LLNR	Aid Name	Status	Chart No.	BNM Ref.	LNM St	LNM End
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None**PLATFORM TEMPORARY CHANGES**

Name	Status	Position	BNM Ref.	LNM St	LNM End
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None**PLATFORM TEMPORARY CHANGES CORRECTED**

Name	Status	Position	BNM Ref.	LNM St	LNM End
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None**SECTION V - ADVANCE NOTICES**

This section contains advance notice of approved projects, changes to aids to navigation, or upcoming temporary changes such as dredging, etc. Mariners are advised to use caution while transiting these areas.

SUMMARY OF ADVANCED APPROVED PROJECTS**Approved Project(s)****None****Project Date****Ref. LNM****Advance Notice(s)****TENNESSEE RIVER**

The Coast Guard will make the following Aid to Navigation change after January 24, 2021:
Discontinue Half Moon Foot Light (LLNR-30600) at mile 546.2, Right Descending Bank, in approximate position 35-44-54.122N/084-42-18.174W.
LNM: 48/20

SECTION VI - PROPOSED CHANGES

Periodically, the Coast Guard evaluates its system of aids to navigation to determine whether the conditions for which the aids to navigation were established have changed. When changes occur, the feasibility of improving, relocating, replacing, or discontinuing aids are considered. This section contains notice(s) of non-approved, proposed projects open for comment. SPECIAL NOTE: Mariners are requested to respond in writing to the District office unless otherwise noted (see banner page for address).

PROPOSED WATERWAY PROJECTS OPEN FOR PUBLIC COMMENT

<u>Proposed Project(s)</u>	<u>Closing</u>	<u>Docket No.</u>	<u>Ref. LNM</u>
None			
<u>Proposed Change Notice(s)</u>			
None			

SECTION VII - GENERAL

This section contains information of general concern to the Mariners. Mariners are advised to use caution while transiting these areas.

ALLEGHENY RIVER

MILE 15.5 - MILE 14.7 - TEMPORARY PRIVATE AIDS TO NAVIGATION

GenOn Power Midwest L.P., at the Cheswick Generating Station, has reported the installation of 7 Temporary Special Lighted Buoys located outside of the navigation channel between approximate Miles 15.5 and 14.7, Allegheny County, Cheswick, Pennsylvania. The 7 Temporary Special Lighted Buoys will be deployed seasonally to perform a scientific study until April 2022. Any questions or inquiries should be directed to: GenOn Power Midwest LP, P.O. Box 65, Cheswick, PA 15024 – Mr. William McGraw at (724) 275-1595 or navigation safety concerns should be directed to U.S. Coast Guard MSU Pittsburgh at (412) 221-0807, extension 227 or via email at: MSUPittsburghPrevention@uscg.mil. Mariners are advised to exercise caution in this vicinity and to completely avoid navigating outside of the navigable channel in the area.

LNM: 13-20

MILE 0.8 - BRIDGE MAINTENANCE

Ninth Street Bridge; Due to ongoing work, the vertical clearance may be reduced by 1-foot below low steel. Mariners are urged to transit the bridge with caution.

LNM: 46-20

ARKANSAS RIVER

MILE 118.5 - BRIDGE REPAIR/NAVIGATION

I-30 Bridge; Due to work on the upstream left descending pier protection cell, a crane barge will occupy the left descending navigation channel span. All navigation transiting through the I-30 bridge will be required to use the right descending navigation span. The M/V MISS PAM can be contacted via VHF-FM Channel 13 or 16.

LNM: 48-20

BLACK WARRIOR RIVER - TOMBIGBEE WATERWAY

MILE 305.0 - MILE 303.0 - MUSSEL SURVEY/DIVE OPERATION

Continuing until December 19, 2020, a USACE dive operation is being conducted between approximate Miles 305.0 and 303.0, LDB. USACE personnel on-scene will monitor VHF-FM Channel 13. Mariners are urged to transit the area at their slowest safe speed and notify the dive group, prior to approaching the area. Mariners may contact Mr. Chad Brumelow, BWT/Alabama-Coosa Project Management office (CESAM-OP-BA) at (205) 752-3571, for additional information.

LNM: 50-20

CUMBERLAND RIVER

MILE 129.9 - BRIDGE REPLACEMENT

State Route 13 Bridge Replacement; Substructure construction is ongoing both sides of the river. The floating plant may at times be moored at edge of navigation channel. A minimum of 250 feet of horizontal clearance will be maintained at all times. Mariners may contact onsite workboat M/V FALCON via VHF-FM Channel 13 or 16, or at (870) 377-1889, for more information.

LNM: 31-18

ILLINOIS WATERWAY

MILE 288.7 - MILE 287.3 - BRIDGE REPAIRS

Joliet Harbor Bridges; Due to ongoing bridge work, mariners are required to provide 1-hour advance notice, when requesting drawspan openings.

LNM: 19-20

MILE 172.5 - MILE 167.9 - AIDS TO NAVIGATION

The following aids to navigation have been withdrawn for the navigation season and replaced with unlighted buoys:
Blue Creek Lower Lighted Buoy (LLNR-7015), Mile 172.5, RDB,
Drolls Point Upper Lighted Buoy (LLNR-7030), Mile 169.9, LDB and

MILE 172.5 - MILE 167.9 - AIDS TO NAVIGATION

Peoria Heights Lighted Buoy (LLNR-7040), Mile 167.9, LDB. Mariners are urged to exercise caution in these areas.

LNM: 48-20

MILE 172.3 - AID TO NAVIGATION

A buoy has been reported not properly marking the channel, mid-channel, in the vicinity of Mile 172.3. Mariners are urged to exercise caution in the area.

LNM: 45-20

MILE 170.5 - AID TO NAVIGATION

A can buoy has been reported not properly marking the channel, along the nun buoy line, in the vicinity of Mile 170.5. Mariners are urged to exercise caution in the area.

LNM: 45-20

MILE 162.7 - BRIDGE MAINTENANCE

Murray Baker Bridge; Vertical clearance is reduced to approximately 62.5 feet above normal pool stage, due to containment system. During periods of high water containment system will be raised flush with low steel of the bridge.

LNM: 02-20

MILE 151.2 - BRIDGE OPERATION

Pekin Railroad Drawbridge; Continuing until further notice, the bridge will be unattended and left in the open-to-navigation position. The bridge shall initiate the closing sequence for an approaching train by broadcasting the closure on VHF-FM Channel 16, 10-minutes prior to closure and immediately prior to closing. If no mariners respond to the broadcast, the operator of the bridge may begin the closing sequence. For additional information, mariners may contact Chad Toussaint, with Union Pacific Railroad at (979) 665-5541.

LNM: 18-20

MILE 151.0 - AID TO NAVIGATION

A nun buoy has been reported not properly marking the channel, along the LDB, in the vicinity of Mile 151.0. Mariners are urged to exercise caution in the area.

LNM: 45-20

MILE 119.0 - PILE DRIVING OPERATION

Continuing until further notice, the J.F. Brennan Co., is conducting pile driving operations in the vicinity of Mile 119.0. Work will be conducted from 7:00 a.m. until 5:00 p.m., Monday through Friday. The floating plant will be at the dock, during non-working hours. Mariners are urged to transit the area with caution. Mariners may contact Jeremy Kroll at (608) 304-4897, for additional information.

LNM: 47-20

MILE 117.5 - CHANNEL CONDITION

Shoaling has been reported in the vicinity of Mile 117.5, extending from the LDB, to mid-channel. Mariners are urged to exercise caution in the area.

LNM: 48-20

MILE 109.0 - CHANNEL CONDITION

Shoaling has been reported in the vicinity of Mile 109.0. Mariners are urged to exercise caution in the area.

LNM: 47-20

MILE 98.2

MILE 97.6 - AIDS TO NAVIGATION

Two can buoys have been reported not properly marking the channel, mid-channel, in the vicinity of Mile 98.2 and 97.6. Mariners are urged to exercise caution in these areas.

LNM: 45-20

MILE 79.2 - CHANNEL CONDITION

Shoaling has been reported in the vicinity of Mile 79.2, extending 9 feet from mid-channel. Mariners are urged to exercise caution in the area.

LNM: 50-20

MILE 59.0 - SUBMERGED OBSTRUCTION/CHANNEL SURVEY - UPDATE

Submerged concrete blocks have been reported in the vicinity of Mile 59.0, approximately 60-80 feet left of the sailing line. Water depths over the top of these obstructions is approximately 11 feet, at minimum pool. These obstructions are unmarked. Attached as an enclosure is the latest USACE St. Louis District survey of the area. Mariners are urged to exercise caution in the area.

LNM: 50-20

LOWER MISSISSIPPI RIVER

MILE 929.7 - CHANNEL CONDITION

A growing sand bar has been reported in the vicinity of Mile 929.7, flowing from the backside of Wolf Island. The navigation channel has been reduced to approximately 600 feet. Mariners are urged to exercise caution in the area.

LNM: 49-20

MILE 842.0 - DIKE WORK

Continuing until December 17, 2020, the USACE contract vessel M/V KACIE LUHR is conducting dike work in the vicinity of Mile 842.0, LDB, Tennemo Dikes. Work will be conducted from 7:00 a.m. until 5:00 p.m., each day. Mariners are requested to transit the area as far off the LDB, as is safe, not meet or pass, transit at slowest safe speed to minimize wake and make passing arrangements with the M/V KACIE LUHR via VHF-FM Channel

MILE 842.0 - DIKE WORK

13, 16 or 72 or at (573) 803-7931. Mariners are urged to transit the area with caution.

LNM: 49-20

MILE 772.0 - MILE 768.0 - CHANNEL CONDITION

Extreme shoaling has been reported between approximate Miles 772.0 and 768.0, inside the navigation channel, on the RDB. Mariners are advised to favor the nun buoy line and transit as far off the RDB, as is safe. One-way traffic is advised through the area. Mariners are requested to transit the area at their slowest safe speed and to proceed with caution, giving down-bound traffic the right of way. Mariners are requested to contact U.S. Coast Guard Sector Lower Mississippi River via VHF-FM Channel 16 or at (866) 777-2784, to report areas of shoaling, hazardous conditions or missing aids to navigation.

LNM: 40-20

MILE 717.0 - MILE 716.0 - AIDS TO NAVIGATION

Several buoys have been reported missing between approximate Miles 717.0 and 716.0. Mariners are urged to exercise caution in the area.

LNM: 50-20

MILE 692.8 - MILE 691.0 - AIDS TO NAVIGATION

Multiple nun buoys have been reported missing between approximate Miles 692.8 and 691.0, LDB. Mariners are urged to transit the area with caution.

LNM: 47-20

MILE 597.0 - MILE 594.0 - CHANNEL CONDITION/SAFETY ADVISORY

Mariners are advised that due to prevailing river conditions, the usual USACE maintained depth and width may not be available on all buoy lines and high flow rates may adversely impact down-bound transit, between approximate Miles 597.0 and 594.0, Victoria Bend. One-way traffic, at a safe speed, is recommended with no meeting, passing or overtaking, with an experienced wheelman in the wheelhouse. Vessels are advised to determine amongst themselves, the order in which to transit. The Lower Mississippi River Committee, recommends that tows transiting the area, contact other vessels in the vicinity to discuss their transit experience prior to attempting it themselves. Mariners are urged to contact U.S. Coast Guard Sector Lower Mississippi River via VHF-FM Channel 16 or at (866) 777-2784, to report areas of shoaling, hazardous conditions or missing aids to navigation.

LNM: 43-20

MILE 596.0 - RIP-RAP PLACEMENT

Continuing until March 1, 2021, a marine contractor is installing rock rip rap by barge in the vicinity of Mile 596.0, LDB and RDB. Loaded and empty rock barges will be temporarily moored in the area. Work will be performed during daylight hours only, 7-days per week. The M/V BARBARA ANN will be on scene and will monitor VHF-FM Channel 13 or 72. Mariners are urged to transit the area at their slowest safe speed to minimize wake and proceed with caution after passing arrangements have been made. For up-to-date information, mariners can contact Darwyn Jarrell at (504) 835-0303.

LNM: 43-20

MILE 540.1 - CHANNEL CONDITION

Shoaling has been reported in the vicinity of Mile 540.1, near the nun buoy line. Mariners are urged to transit the area with caution.

LNM: 50-20

MILE 370.1 - MILE 368.1 - TRANSMISSION LINE INSTALLATION/TEMPORARY RIVER CLOSURES - UPDATE

Continuing until December 18, 2020, from 6:30 a.m. until 5:30 p.m., each day, Entergy Contractors are installing electrical power transmission lines in the vicinity of Mile 369.1, Rifle Point Dike. To facilitate this operation, the channel will be closed from Mile 370.1 to Mile 368.1, from 6:30 a.m. until 5:30 p.m., each day. For queue management, vessels are advised to determine amongst themselves, the order in which to transit, while the channel is open. While the channel is open, mariners are requested to transit the area at their slowest safe speed to minimize their wake and proceed with caution after making passing arrangements with the traffic control vessels. The on-scene foreman can be contacted at (832) 529-7269 and the traffic control vessels will monitor VHF-FM Channel 16. Mariners may contact U.S. Coast Guard Sector Lower Mississippi River via VHF-FM Channel 16 or at (866) 777-2784, for additional information.

LNM: 50-20

MILE 304.0 - DREDGE OPERATION - UPDATE

The USACE Contract Cutterhead Dredge INTEGRITY has completed dredging operations in the vicinity of Mile 304.0, Three Rivers, near the intersection of Old River and the Atchafalaya River.

LNM: 50-20

MILE 304.0 - L/D RESTRICTIONS

Continuing until approximately January 1, 2021, tows are to enter the lock wall at a DEAD SLOW speed, tows will be restricted to a length no more than 1,100 feet and will line up along the floating guidewall before proceeding into the lock's chamber. Two line-handlers (with life vests) and bumpers are required when approaching and exiting the lock. Vessels must be moored by the bow and stern to the floating timber-heads. The Lockmaster, Mr. Anthony T. Lindsly can be reached at (225) 492-3333, for up-to-date information. The point of contact at the USACE New Orleans Office is Russell Beauvais at (225) 492-2169.

LNM: 40-20

UPPER MISSISSIPPI RIVER**MILE 822.8 - DREDGE OPERATION**

Continuing until further notice, the Dredge MARGARET D., is conducting dredging operations in the vicinity of Mile 822.8. The Dredge MARGARET D., will monitor VHF-FM Channel 12 and requests 30-minutes advance notice of passage. Mariners are urged to transit the area at their slowest safe speed to minimize their wake and proceed with caution after passing arrangements have been made.

LNM: 45-20

MILE 699.8 - BRIDGE MAINTENANCE

La Crosse Railroad Drawbridge; Sheerfence repair is ongoing from 7:00 a.m. until 5:00 p.m., daily, through December 4, 2020. During this time, the left descending navigation channel will be impassable, due to a floating work-plant in the area. Mariners may contact M/V JOHN J. MANNING via VHF-FM Channel 13, 14 or 16, for more information.

LNM: 47-20

MILE 686.0 - CHANNEL CONDITION

Shoaling has been reported in the vicinity of Mile 686.0. Mariners are urged to exercise caution in the area.

LNM: 49-20

MILE 541.3 - CHANNEL CONDITION

Shoaling has been reported in the vicinity of Mile 541.3, RDB. Water depths in some areas are less than 9 feet, at minimum pool. Mariners are urged to exercise caution in the area.

LNM: 49-20

MILE 522.5 - L/D CLOSURE

Commencing 7:00 a.m., December 21, 2020 and continuing until noon, March 15, 2021, L/D 13 in the vicinity of Mile 522.5, will be closed for maintenance. During this closure, mariners are requested NOT to tie up on the guidewalls. Mariners may contact L/D 13 via VHF-FM Channel 14 or at (815) 589-3313, for additional information and assistance.

LNM: 46-20

MILE 509.6 - CHANNEL CONDITION

Shoaling has been reported in the vicinity of Mile 509.6, LDB. The navigation channel has been reduced to approximately 250 feet. Mariners are urged to exercise caution in the area.

LNM: 49-20

MILE 493.3 - L/D CLOSURE

Commencing 7:00 a.m., December 21, 2020 and continuing until noon, March 15, 2021, L/D 14 in the vicinity of Mile 493.3, will be closed for maintenance. During this closure, mariners are requested NOT to tie up on the guidewalls. Mariners may contact the lock via VHF-FM Channel 14 or at (309) 794-4357, for additional information.

LNM: 46-20

MILE 486.5 - CHANNEL CONDITION

Shoaling has been reported in the vicinity of Mile 486.5. Mariners are urged to exercise caution in the area.

LNM: 49-20

MILE 485.81 - BRIDGE REPLACEMENT

I-74 Replacement Bridge; Superstructure work is ongoing in the main channel. At times horizontal clearance may be reduced to 350 feet. A helper boat is available by contacting M/V KAREN RENEE' HAMM via VHF-FM Channel 13 or 16, or by telephone, from 6:00 a.m. until 6:00 p.m., at (309) 361-1047 and from 6:00 p.m. until 6:00 a.m., at (309) 299-4213.

LNM: 15-20

MILE 483.0 - L/D CLOSURE

Commencing 7:00 a.m., December 21, 2020 and continuing until noon, March 15, 2021, L/D 15, in the vicinity of Mile 483.0, will be closed for repairs. During this closure, mariners are requested NOT to tie up along the guidewalls. Mariners may contact the lock at (309) 794-5266 or via VHF-FM Channel 14, for assistance.

LNM: 46-20

MILE 481.1 - BRIDGE WORK

Continuing until January 30, 2021, the J.G. Brennan Company is conducting work at the Crescent Railroad Drawbridge (LLNR-14825), in the vicinity of Mile 481.1. Work will be conducted from 7:00 a.m. until 5:00 p.m., Monday through Friday. The M/V BARBARA B., will be on-scene during operations and will monitor VHF-FM Channel 13, 14 or 16 and requests 30-minutes advance notice of passage. Mariners are urged to transit the area with caution.

LNM: 50-20

MILE 475.3 - CHANNEL CONDITION

Shoaling has been reported in the vicinity of Mile 475.3, LDB. The navigation channel width has been restricted to approximately 240 feet. Mariners are urged to transit the area with caution and report navigation obstructions to U.S. Coast Guard Sector Upper Mississippi River via VHF-FM Channel 16 or at (314) 269-2332.

LNM: 49-20

MILE 384.8 - MILE 367.2 - AIDS TO NAVIGATION

The following aids to navigation have been withdrawn for the navigation season and replaced with unlighted buoys: Dutchman Island Lighted Buoy (LLNR-15395), in the vicinity of Mile 384.8, Sunken M/V John Paul Lighted Buoy (LLNR-15435), in the vicinity of Mile 378.4 and Waggoner PT Lighted Buoy (LLNR-15475), in the vicinity of Mile 367.2.

LNM: 49-20

MILE 364.2 - L/D RESTRICTIONS

Significant damage has been reported at L/D 19 in the vicinity of Mile 364.2. The USACE Little Rock District has instituted the following restrictions. Tows headed south-bound shall avoid landing or rubbing on the upper river wall between the bullnose end and the upper gate recess. The area between the bullnose end and upper gate recess is significantly damaged. Mariners are advised to favor the Iowa shore, continue using a helper

MILE 364.2 - L/D RESTRICTIONS

boat, and if necessary come to complete stop in order to align with the lock chamber before southbound entry. All tows transiting the lock should avoid rubbing on the lock chamber river wall as an up-stream area, from approximately the 900-foot to 1,000-foot marks, as this area is significantly damaged. Mariners should be alert for and abide by any further instructions from the lockmaster. The lock may be contacted at (319) 524-2631 or via VHF-FM Channel 14, for assistance.

LNM: 44-20

MILE 364.2 - L/D CLOSURE

Commencing 7:00 a.m., January 1, 2021 and continuing until noon, March 15, 2021, L/D 19, in the vicinity of Mile 364.2, will be closed for maintenance. During this closure, towboat operators are requested NOT to tie up on the guidewalls. Mariners may contact the lock via VHF-FM Channel 14 or at (319) 524-2631, for additional information.

LNM: 48-20

MILE 305.4 - MILE 305.3 - CHANNEL CONDITION

Shoaling has been reported between approximate Miles 305.4 and 305.3. The navigation channel has been reduced to approximately 270 feet. Mariners may contact the U.S. Coast Guard Sector Upper Mississippi River at (314) 269-2332, for additional information. Mariners are urged to transit the area at their slowest safe speed and proceed with caution.

LNM: 47-20

MILE 298.4 - AID TO NAVIGATION

A nun buoy has been reported submerged in the vicinity of Mile 298.4. Mariners are urged to exercise caution in the area.

LNM: 47-20

MILE 273.4 - L/D REPAIRS

Commencing January 4, 2021 and continuing until February 4, 2021, repairs will be conducted at L/D 24, in the vicinity of Mile 273.4. While under repair, no vessel will be allowed to utilize the lower guidewall end cell, as work platforms will be extending from the cell approximately 8 feet. All navigation interests should be alert for, and abide by, any special instructions that may be issued by the lockmaster.

LNM: 49-20

MILE 200.5 - L/D CLOSURE

On December 17, 2020, from 6:00 a.m. until noon, the Mel Price L/D 26 (main chamber) in the vicinity of Mile 200.5, will be closed to navigation for repair. The auxiliary chamber is scheduled to be closed from noon until 6:00 p.m. Mariners should be alert for and abide by any special instructions from the lockmaster.

LNM: 50-20

MILE 195.4 - ROLL-OFF OPERATION

Continuing until further notice, the Canal Barge Company is conducting a roll-off operation from a barge that is perpendicular to the navigation channel, in the vicinity of Mile 195.4, LDB, Phoenix Terminal. Mariners are urged to use caution when transiting this area and if possible, transit along the RDB, at the slowest safe speed. Mariners may contact Andrew Deluca at (504) 584-1587, for additional information.

LNM: 50-20

MILE 183.2 - BRIDGE CONSTRUCTION

Merchants Railroad Bridge; Work barges continue excavating around both left and right descending navigation piers and the right descending pier of the center span. Work barges should not encroach more than 65 feet into the navigation channel, at any time. For work barge locations, mariners are encouraged to contact the onsite work boat M/V KATHERINE OHARA via VHF-FM Channel 6 or 16 or by phone at (217) 248-9077.

LNM: 49-20

MILE 183.0 - CHANNEL CONDITION

Shoaling has been reported in the vicinity of Mile 183.0. Mariners are urged to exercise caution in the area.

LNM: 50-20

MILE 179.2 - BRIDGE MAINTENANCE

Douglas MacArthur Bridge; Two suspended platforms are located in the center navigation span. Each platform measures 9 feet wide and hang 5 feet below low steel. One platform is located 60 feet channelward of the right descending pier and the other platform is located 120 feet channelward of the left descending pier. There are also 3 platforms located at various locations in the Illinois span. Mariners are urged to transit the bridge with caution.

LNM: 32-19

MILE 168.2 - CHANNEL CONDITION

Shoaling has been reported in the vicinity of Mile 168.2. Mariners are urged to exercise caution in the area.

LNM: 50-20

MILE 166.5 - CHANNEL CONDITION

Shoaling has been reported in the vicinity of Mile 166.5. Mariners are urged to exercise caution in the area.

LNM: 50-20

MILE 164.0 - MILE 162.0 - REVISED SAILING LINE

A recent survey has identified a need to adjust the sailing line from Mile 164.0 to Mile 162.0. The revised sailing line follows the best available water depths through these limits. This update has been coordinated with RIAC, who has concurred with the change. The revised sailing line has been submitted and is included in the IENC chart download. Attached as an enclosure to this LNM, is a USACE St. Louis District Notice to Navigation Interests 20-29, overlay of the area. IENC users should update their charts accordingly. This information will be posted to the Notice to Navigation Interests Website for the next 60-days.

MILE 164.0 - MILE 162.0 - REVISED SAILING LINE

LNM: 50-20

MILE 167.0 - DREDGE OPERATION

Continuing until further notice, the USACE is conducting dredging operations in the vicinity of Mile 167.0. Work will be conducted 24-hours a day 7-days a week. Mariners are requested to contact the Dredge POTTER via VHF-FM Channel 13, 16 or 82, for passing arrangements 30-minutes prior to transiting the area. Mariners are urged to transit the area at their slowest safe speed to minimize wake and proceed with caution after passing arrangements have been made.

LNM: 50-20

MILE 7.5 - BRIDGE LIGHTING REMOVAL/ALTERNATE SPAN

I-57 Bridge; Mariners are advised that the green lights marking the alternate span, have been permanently extinguished. Mariners are advised to use the main channel span until further notice.

LNM: 44-20

MISSOURI RIVER

MILE 615.9 - BRIDGE LIGHTING

I-480 Bridge; The bridge owner is replacing all the navigation lights on the bridge, beginning December 15, 2020 through March 10, 2021. There will be no functioning navigation lights during the replacement of the new navigation lights.

LNM: 49-20

MILE 480.0 - CHANNEL CONDITION

Shoaling has been reported in the vicinity of Mile 480.0. Mariners are urged to exercise caution in the area.

LNM: 47-20

MILE 397.6 - SUBMERGED OBSTRUCTION

A submerged obstruction has been reported in the vicinity of Mile 397.6, underneath the Leavenworth Highway Bridge (LLNR-19405), alternate navigation span. Mariners are advised to transit the main navigation span with caution.

LNM: 42-20

MILE 360.3 - BRIDGE REPAIRS

I-435 Bridge; In river work (rip rap placement) with work barges will occur at each navigation pier from 7:00 a.m. until 5:00 p.m, Monday through Friday. When working channel-ward of the navigation piers, work barges will encroach approximately 80 feet into the navigation channel. Mariners should contact the onsite work boat M/V PWYLA MARGE via VHF-FM Channel 13 or 73 or at (573) 803-7933, for passing arrangements.

LNM: 37-20

MILE 214.0 - MILE 213.0 - CHANNEL CONDITION

Shoaling has been reported between approximate Mile 214.0 and 213.0. Mariners are urged to exercise caution in the area.

LNM: 47-20

MILE 179.5 - MILE 177.7 - CHANNEL CONDITION

Shoaling has been reported between approximate Miles 179.5 and 177.7. Mariners are urged to exercise caution in the area.

LNM: 47-20

MILE 122.5 - CHANNEL CONDITION

Shoaling has been reported in the vicinity of Mile 122.5. Mariners are urged to exercise caution in the area.

LNM: 47-20

MILE 92.0 - MILE 91.0 - CHANNEL CONDITION/AIDS TO NAVIGATION

Shoaling has been reported between approximate Miles 92.0 and 91.0. Buoys in the area are no longer reliable and do not mark good water. Mariners are urged to exercise caution in the area.

LNM: 45-20

MILE 57.0 - MILE 56.0 - CHANNEL CONDITION

Shoaling has been reported between approximate Miles 57.0 and 56.0. Mariners are urged to exercise caution in the area.

LNM: 47-20

MILE 34.0 - CHANNEL CONDITION

Shoaling has been reported in the vicinity of Mile 34.0. Mariners are urged to exercise caution in the area.

LNM: 47-20

MILE 25.0 - CHANNEL CONDITION

Shoaling has been reported in the vicinity of Mile 25.0. Mariners are urged to exercise caution in the area.

LNM: 47-20

OHIO RIVER

MILE 3.6 - TEMPORARY LIGHTED DANGER BUOYS

Mascaro Construction Co., LP., has installed four (04) Temporary Lighted Danger Buoys with White flash characteristic FI 2.5s, to mark a turbidity curtain around the perimeter of the construction area located at the Allegheny County Sanitary Authority (ALCOSAN), in the vicinity of Mile 3.6, RDB. The Temporary Lighted Danger Buoys were installed in the following approximate positions:

40-28-42.82N 080-02-51.39W,
40-28-47.97N 080-02-55.63W,

OHIO RIVER**MILE 3.6 - TEMPORARY LIGHTED DANGER BUOYS**

40-28-55.90N 080-03-03.99W and
40-29-00.91N 080-03-09.91W.

Any questions, inquiries or navigation safety concerns, should be directed to Mascaro Construction, Mr. Steve Senchesen, via telephone at (412) 321-4901 or email to ssenchesen@mascaroconstruction.com, or you may contact U.S. Coast Guard Sector Ohio Valley at (502) 779-5422 or via email at: STL-PF-SECOHVCommandCenter@uscg.mil. Mariners are advised to exercise caution in this vicinity and to completely avoid navigating outside of the navigable channel in the area.

LNM: 46-20

MILE 75.5 - BRIDGE CONSTRUCTION

New Wellsburg Bridge; Trestles extend out from both left and right descending banks, during construction of new piers. A 814-foot navigational horizontal clearance remains. The onsite workboat M/V TAYLOR NICOLE can be reached via VHF-FM Channel 19, for further information. Mariners are advised to transit the area with caution.

LNM: 03-20

MILE 341.0 - L/D CLOSURE

Continuing until December 19, 2020, the Greenup L/D (main chamber) in the vicinity of Mile 341.0, will be closed. During this closure, the auxiliary chamber will be available to pass traffic. Mariners may contact the lockmaster via VHF-FM Channel 13, for additional information.

LNM: 43-20

MILE 353.0 - MILE 354.5 - DREDGE OPERATION

Continuing until approximately December 18, 2020, Amherst Madison Company is conducting dredging operations between approximate Miles 353.0 and 354.5. The contractors floating plant will consist of the M/V MILTON, M/V BUS BROWN, 2 barge mounted cranes and 3 material barges. Work will be conducted from 7:00 a.m. until 5:00 p.m., each day. The M/V MILTON will operate in the vicinity of the dredge site and the M/V BUS BROWN will be utilized to transport dredge spoils to the disposal site. Dredge spoils will be placed at permitted sites along the LDB. During nonworking hours, the contractors floating plant will be moored at the worksite and lighted accordingly. The M/V MILTON and the M/V BUS BROWN will monitor VHF-FM Channel 13. Mariners are urged to transit the area at their slowest safe speed to minimize their wake and proceed with caution after passing arrangements have been made.

LNM: 50-20

MILE 606.8 - L/D TEMPORARY CLOSURES

Continuing until December 22, 2020, the McAlpine L/D (north 1,200-foot chamber) in the vicinity of Mile 606.8, will be closed during daylight hours, up to 12-hours, (conditions dependent), for repairs. These closures will only be implemented when the lower gauge is below 30 feet and the south 1,200-foot chamber is in service. During these closures, traffic will be passed through the 1,200-foot south chamber. All mariners will take direction from McAlpine Lock Operators. McAlpine L/D can be reached via VHF-FM Channel 13.

LNM: 50-20

MILE 806.0 - MILE 807.0 - OVERHEAD TOWER MAINTENANCE - UPDATE

Continuing until December 19, 2020, from 6:30 a.m. until 7:30 p.m., each day, Vectren Energy Delivery will conduct overhead tower maintenance via helicopter between approximate Miles 806.0 and 807.0. Mariners are urged to transit the area at their slowest safe speed to minimize their wake and proceed with caution. Mariners may contact the project manager at (502) 315-6698, for additional information.

LNM: 50-20

RED RIVER**MILE 37.7 - CHANNEL CONDITION**

Potential shoaling has been reported in the vicinity of Mile 37.7, RDB. Mariners are urged to exercise caution in the area.

LNM: 50-20

TENNESSEE-TOMBIGBEE WATERWAY**MILE 365.1 - L/D CLOSURE**

Continuing until further notice, the Bankhead L/D in the vicinity of Mile 365.1, is closed for repairs. Mariners may contact Mr. Chad Brumelow, BWT/Alabama-Cossa Project Management Office (CESAM-OP-BA) at (205) 752-3571, for additional information.

LNM: 47-20

MILE 224.0**MILE 213.7 - USCG TEST BUOYS**

The U.S. Coast Guard has replaced the lower nun buoy at Rattlesnake Bend, in the vicinity of Mile 224.0, and the upper approach green buoy, to Demopolis Lock in the vicinity of Mile 213.7, with prototype buoy hulls. These buoys are constructed of a plastic hull and are larger than the steel hulls currently in service on the Western Rivers. The U.S. Coast Guard Research and Development Center is seeking public feedback to determine the radar signature and visual aspect of these buoy hulls. Mariners are asked to email: TestBuoyInfo@USCG.mil, to note whether the buoys meet, exceed, or do not meet radar and visual expectations for navigation. It is requested the river mile and buoy color are reported when emailing feedback. Comments from Commercial and Recreational waterway users are welcomed and highly desired. For additional information, contact BMCS Kyle Norman, OIC, USCGC WEDGE, WLR-75307, at (251) 259-1924.

LNM: 43-20

TENNESSEE RIVER**MILE 423.0 - CHANNEL CONDITION**

Shoaling has been reported in the vicinity of Mile 423.0. Mariners are urged to exercise caution and should review the latest USACE survey of the area, prior to transiting.

LNM: 48-20

MILE 197.0 - MILE 196.0 - AIDS TO NAVIGATION

MILE 197.0 - MILE 196.0 - AIDS TO NAVIGATION

Four can buoys have been reported missing between approximate Miles 197.0 and 196.0. Mariners are urged to exercise caution in the area.

LNM: 47-20

MILE 30.0 - SUNK VESSEL

A sunk vessel has been reported in the vicinity of Mile 30.0, LDB. Mariners are urged to exercise caution in the area.

LNM: 43-20

SECTION VIII - LIGHT LIST CORRECTIONS

An Asterisk *, indicates the column in which a correction has been made to new information

(1) No.	(2) Name and Location	(3) Mile	(4) Bank	(5) Characteristic	(6) Structure / Dayboard Up Down	(7) Remarks
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None

ENCLOSURES

USACE Channel Status Reports

Arkansas River Channel Status Reports.

LNM: 49-20

Special Public Notice D8 DWB-894

Drawbridge operation.

LNM: 50-20

USACE Rock Island District Navigation Notice 20-12890

L/D winter lockage hours and closures.

LNM: 48-20

USACE St. Louis District survey

Survey of debris Mile 59.0, Illinois Waterway.

LNM: 50-20

USACE St. Paul District Notice to Navigation Interests 20-02

Closures at multiple L/D's along the Upper Mississippi River.

LNM: 39-20

USACE Rock Island District Notice to Navigation Interests 20-12066

L/D closures/maintenance schedule for 2020-2021.

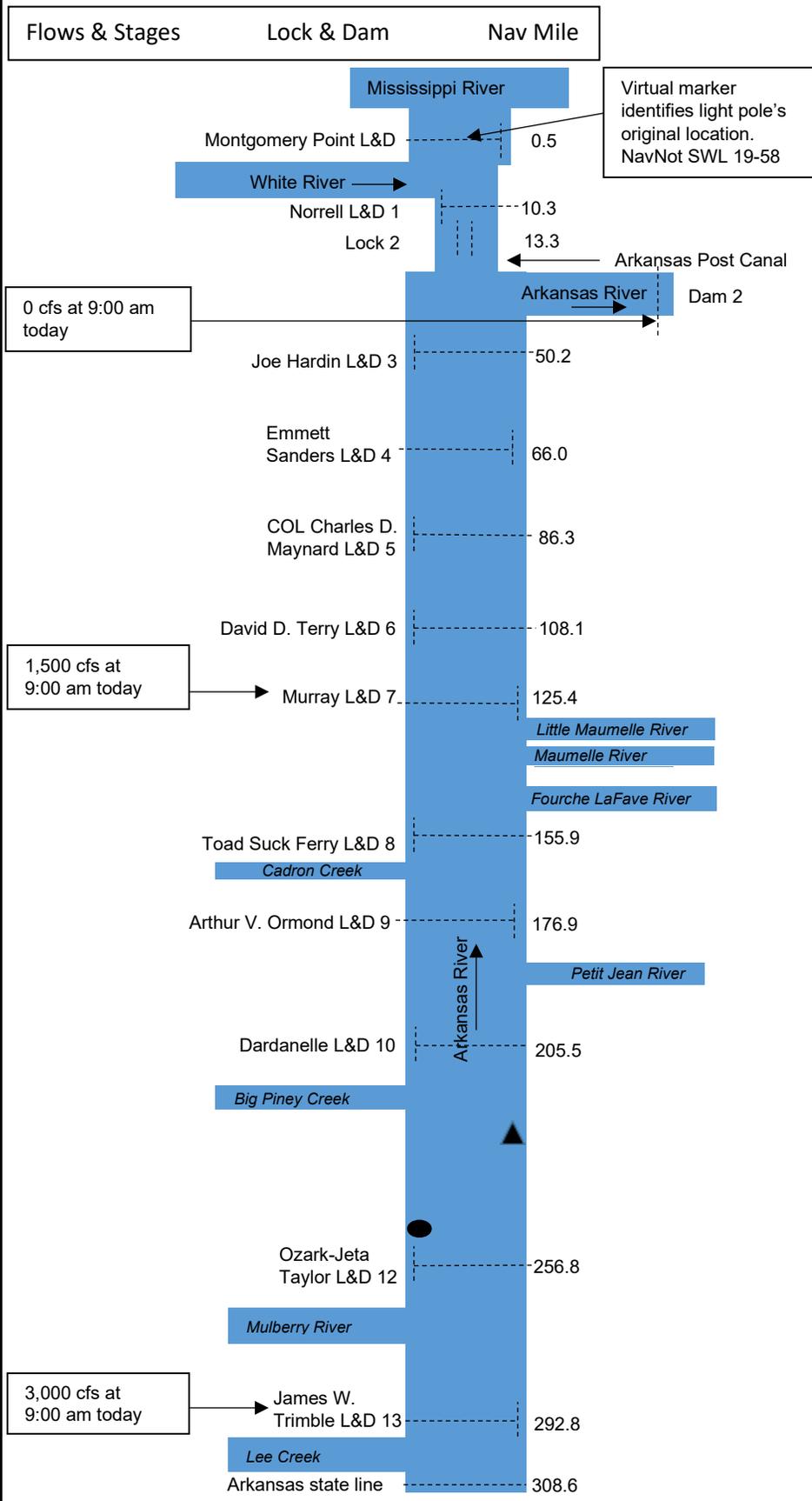
LNM: 46-20

USACE St. Louis District Notice to Navigation Interests 20-29

Sailing line revision Mile 164.0 to Mile 162.0.

LNM: 50-20

Commander, Eighth Coast Guard District
Hale Boggs Federal Building, Room 1230
500 Poydras Street, New Orleans, LA 70130-3310
Telephone (504) 671-2327
(Business Hours 7:00 a.m. - 3:30 p.m. Monday - Friday)
(Nights, Weekends, Holidays) (504) 589-6225
RADM Nadeau



At 9:00 am today:
 -Montgomery Point Tailwater was El. 129.14
 -Montgomery Point Headwater was El. 129.21
 -Norrell Lock Tailwater was El. 130.3
 -Differential between Norrell and Montgomery Point – 1.09 ft

Forecast for Dec 5:
 -Montgomery Point Tailwater - El. 129.6
 -Montgomery Point Headwater - El. 129.7
 -Norrell Lock Tailwater - El. 130.8
 -Differential between Norrell and Montg. Pt – 1.1 ft

Navigation Condition	Montgomery Point L&D	Norrell L&D
Vessels use the lock	TW < El. 115	TW < El. 143
Lock gates are pinned open; vessels pass thru the lock	N/A	TW > El. 143
Vessels use the navigation pass	TW > El. 115	TW > El. 155

*TW = Tailwater

Dredging Activities: The next scheduled dredge location is the NM 221 vicinity.

Deviations: None

Groundings/Incidents: None reported.

Closures & Channel Conditions:
 NavNot SWL 20-76 – I-30 bridge cell repair; all vessels must use only the right navigation channel (from 7am Nov 30 - 5 pm Dec 11)

NavNot SWL 20-73 – Lock 3 Intermittent delays. (7am-5:30pm daily) Dec 6-12. Miter gates' j-seal repairs.

NavNot SWL 20-66 – I-30 bridge, cell repair extended to Feb 22.

NavNot SWL 20-60 – Closures or delays 2021: Lock 3(*Mar 1-11), Lock 3(Mar 12-20), Lock 6(*Aug 16-26), Lock 6(Aug 27-Sep 9) *-indicates intermittent delays. See original notice for more details.

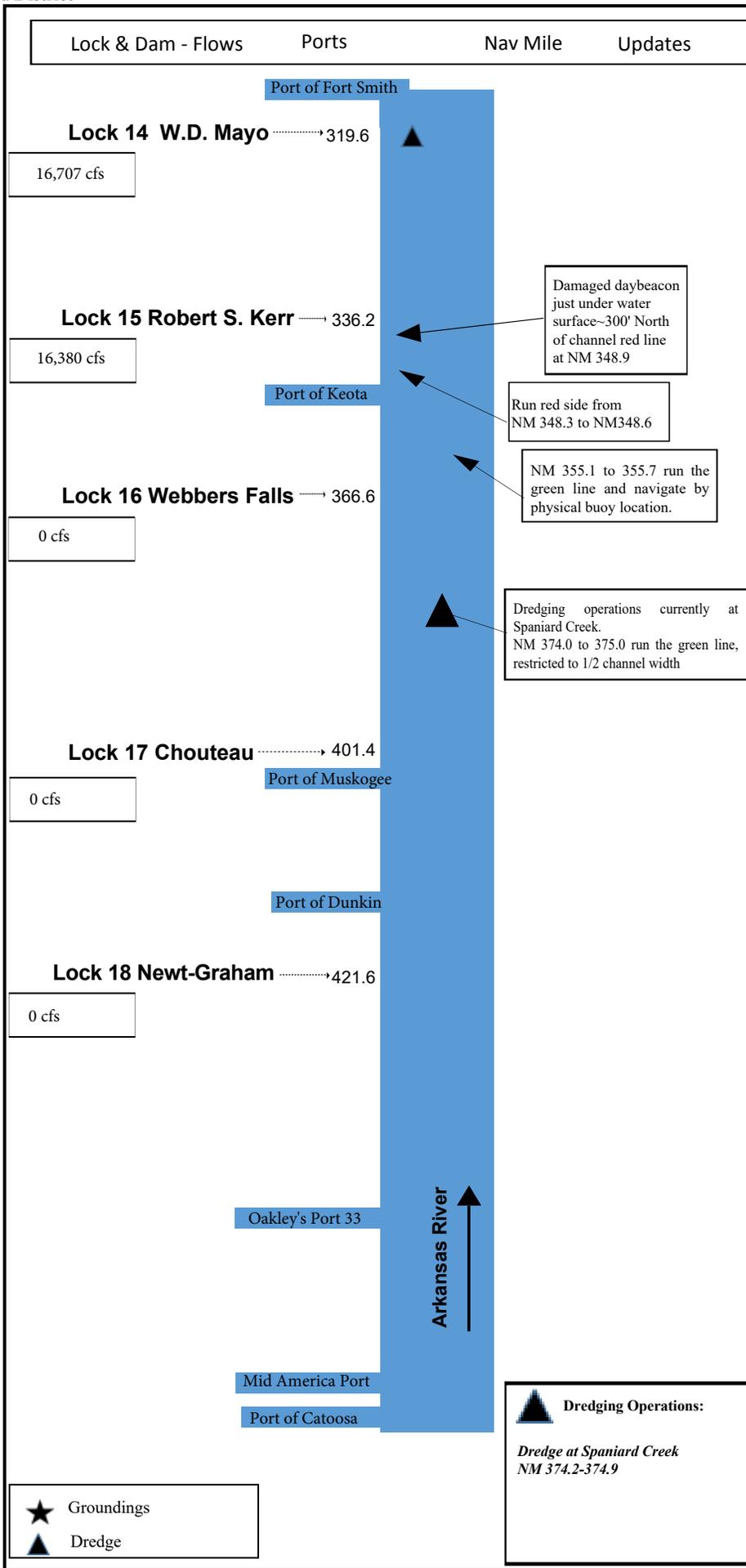
NavNot SWL 20-18 – COVID-19 update: industry shall contact lock 4 hours prior to crew changes; (see original notice or call lock for more details)

NavNot SWL 19-84 – Lock 10, down-bound tows must stop and orient themselves in a straight position prior to lockage & avoid contact with the lock walls in the vicinity of new stoplog slot cuts.

NavNot SWL 19-58 – Mont Pt, No passing in nav pass. Favor lock wall side of the nav pass, stay 75' from the lock wall poles.

- Bank Stabilization
- ★ Groundings
- ▲ Dredge

-Channel Status Reports: <http://www.swl.usace.army.mil/Missions/Navigation/>
 -Navigation conditions, river stages and 4-day flow forecast are available and updated daily at: <http://www.swl.usace.army.mil/Missions/WaterLevels/DailyReports.aspx>
 -Notices to Navigational Interests (NTNI): <http://ntnnotices.usace.army.mil/>
 -USCG Local Notice to Mariners: <http://www.navcen.uscg.gov/?pageName=InmDistrict®ion=8&ext=g>
 -Channel Hydrographic Surveys: <http://navigation.usace.army.mil/Survey/Hydro>



Navigation Conditions:
<https://www.swt-wc.usace.army.mil/>

TD2020-12
SHOALING: R.S. KERR POOL No. 15 NM 355.1 to 355.7
McCLELLAN-KERR ARKANSAS RIVER NAVIGATION SYSTEM, OKLAHOMA
Robert S. Kerr Pool No. 15 has significant shoaling between NM 355.1 and 355.7. Vessels should favor the green line and navigate by physical buoy location. Electronic navigation charts for this area are not accurate and will be updated to reflect proper sailing lines soon. See attached survey of this area. Waterway users are asked to check with Lock No. 15 for the latest information. Questions or request for additional information concerning this notice should be directed to Mr. Robert Steiner; Navigation Operation Manager: 918-775-4475 ext 5833 or Mr. Vic Heister; Navigation Field Engineer: 918-669-7244.

TD2020-8
SHOALING: R.S. KERR POOL No. 15 NM 348.3 to 348.6
McCLELLAN-KERR ARKANSAS RIVER NAVIGATION SYSTEM, OKLAHOMA
Robert S. Kerr Pool No. 15 has significant shoaling between NM 348.3 and 348.6. Vessels should favor the red line while transiting this area. Waterway users are asked to check with Lock No. 15 for the latest information. Questions or request for additional information concerning this notice should be directed to Mr. Robert Steiner; Navigation Operation Manager: 918-775-4475 ext 5833 or Mr. Vic Heister; Navigation Field Engineer: 918-669-7244.

TD2020-6(1)
COVID-19: LOCK PROTOCOL CHANGES (Update to SWL 20-13 and TD 2020-6)
McCLELLAN-KERR ARKANSAS RIVER NAVIGATION SYSTEM
Due to the ongoing COVID-19 concerns, mariners are required to follow the below procedure for crew change out at all MKARNS Locks in Little Rock and Tulsa Districts: Industry shall contact the Lock 4 hours in advance of anticipated crew change. Number and names of the crew will be provided along with delivery of supplies. No industry personnel shall be allowed inside USACE control houses or buildings during crew changes, except in the case of medical emergency. Crew changes will still be allowed on the lock wall but industry must go directly from the vehicle to the motor vessel. Industry personnel will be required to use their own facilities while navigating through the lock. The physical exchange of trip tickets from crew members to lock staff members will still not be allowed and must be communicated by some other means prior to transiting the lock. These changes are effective immediately and will remain in effect until further notice. Questions or requests for additional information concerning this notice should be directed to: Little Rock District Office, at (501) 324-5739 or CESWL-OP-M@usace.army.mil. Tulsa District: Mr. Robert Steiner; Navigation Operation Manager: 918-775-4475 ext 5833 or Mr. Vic Heister; Navigation Field Engineer: 918-669-7244.

Location	Normal Elevation	Deviation
Lock 14 W.D. Mayo	411 - 412.5	None
Lock 15 Robert S. Kerr	458 - 460	Holding at top of normal pool
Lock 16 Webbers Falls	487 - 490	3/4' above normal pool
Lock 17 Chouteau	511 - 511.5	None
Lock 18 Newt-Graham	532 - 532.5	None

LINKS
[Notices to Navigational Interests \(NTNI\):](#)
[USCG Local Notice to Mariners:](#)
[McClelland-Kerr Arkansas River Navigation System Charts 2016:](#)

Dredging Operations:
*Dredge at Spaniard Creek
NM 374.2-374.9*

★ Groundings
▲ Dredge

▲ Dredging Operations:
*Dredge at Spaniard Creek
NM 374.2-374.9*



3 December 2020

SPECIAL PUBLIC NOTICE

NUMBER D8 DWB-894

UPPER MISSISSIPPI, ST. CROIX AND MISSOURI RIVERS

In accordance with 33 Code of Federal Regulations 117.671, from on or about December 15 through the last day of February at least 24 hours advance notice is required for opening all drawbridges between Lock and Dam No. 14, Mile 493.3 and Lock and Dam No. 2, Mile 815.2 UMR. The Lacrosse Railroad Drawbridge will close at 8 A.M. on December 7, 2020 and will remain in the closed to navigation position until 8 A.M. on February 15, 2021. The Stillwater Highway Drawbridge over the St. Croix River during the winter months from October 16 to May 14 require at least 24 hours advance notice for openings and all other bridges on the St. Croix River during winter months from November 1 to March 31 require at least 24 hours advance notice for openings, (33 CFR 117.667). In accordance with 33 CFR 117.687, drawbridges on the Missouri River require at least 24 hours advance notice during the winter operating season (December 1, 2020 to April 1, 2021) as published by the Army Corps of Engineers. A list of these bridges and the name and telephone number of the person to contact for opening each bridge is as follows:

UPPER MISSISSIPPI RIVER: (12 hr Advance Notice)

<u>MILE</u>	<u>BRIDGE</u>	<u>NAME AND TELEPHONE NUMBER</u>
841.4	Omaha Railroad Drawbridge	Mark Watlington: 402-570-6947
839.2	Chicago & Northwestern Railroad Drawbridge	See Omaha RR Drawbridge
835.7	Beltline Railroad Drawbridge	See Omaha RR Drawbridge

UPPER MISSISSIPPI RIVER: (24 hr Advance Notice)

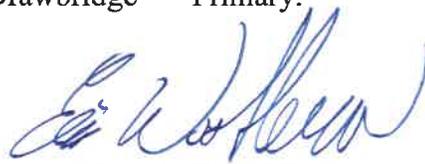
<u>MILE</u>	<u>BRIDGE</u>	<u>NAME AND TELEPHONE NUMBER</u>
813.7	Hastings Railroad Drawbridge	Chris Lewzader: 563-845-9062
699.8	LaCrosse Railroad Drawbridge	See Hastings RR Drawbridge
579.9	Illinois Central Railroad Drawbridge	Chad Earle: 319-404-3417
535.0	Sabula Railroad Drawbridge	Steve Loyde: 660-654-1982
518.0	Clinton Railroad Drawbridge	Ben Klaus: 641-750-8081 David Polomo: 806-336-4347

ST. CROIX RIVER: (24 hr Advance Notice)

<u>MILE</u>	<u>BRIDGE</u>	<u>NAME AND TELEPHONE NUMBER</u>
23.4	Stillwater Highway Drawbridge	MNDOT Dispatchers: 651-234-7110
17.3	Hudson Railroad Drawbridge	Mark Watlington: 402-570-6947
0.3	Prescott Highway Drawbridge	Anthony Olson: 715-220-3457
0.2	Burlington Northern Santa Fe Drawbridge	Zach Thompson: 972-310-9076

MISSOURI RIVER: (24 hr Advance Notice)

<u>MILE</u>	<u>BRIDGE</u>	<u>NAME AND TELEPHONE NUMBER</u>
448.2	Union Pacific Railroad Drawbridge	Scott Johnson: 816-401-1906
422.5	Atchison Railroad Drawbridge	See Union Pacific Railroad Drawbridge
366.1	Hannibal Railroad Drawbridge	Destrey Gibson: 701-509-4005
365.6	A.S.B. Highway and Railroad Drawbridge	See Hannibal Railroad Drawbridge
359.4	Harry S. Truman Railroad Drawbridge	Primary: 660-654-1982



ERIC A. WASHBURN
Bridge Administrator, Western Rivers
By direction of the District Commander



US Army Corps of Engineers®

ROCK ISLAND DISTRICT
ATTN: CEMVR-DE
CLOCK TOWER BLDG. - RODMAN
AVE
ROCK ISLAND IL 61299
HTTP://WWW.MVR.USACE.ARMY.MIL/

DATE: 11/30/2020
Robert V.
Castro, P.E.
POC: 309-794-4580 

NOTICE NUMBER: 12890
LOCAL NUMBER: MR 20-12890
WTRWY/CHNL: UPPER MISSISSIPPI
LOCK(S):
EFFECTIVE: 12/20/2020 00:00 thru 03/15/2021 23:59 CDT

MI 11|MI 12|MI 13|MI 14|MI 15|MI 16|MI 17|MI 18|MI 19|MI 20|MI 21|MI 22

WINTER LOCKAGE HOURS Lock & Dam No. 11, UMR 583.0 THROUGH Lock & Dam No. 22, UMR 301.2

Locks 11, 12, 16, 17, 18, 20, 21, and 22 will be staffed to lock traffic between 0800 and 1600, Monday through Friday during the period from 20 December 2020 through 15 March 2021.

Locks 13, 14, and 15 will be closed to navigation from 21 Dec 2020 thru 15 March 2021. Refer to separate Navigation Notices.

Lock 19 will be closed to navigation from 1 Jan 2021 thru 15 March 2021. Refer to separate Navigation Notice. The lock will be staffed to lock traffic between 0800 and 1600, Monday through Friday during the period from 20 December 2020 through 31 December 2020.

Tows requiring a lockage outside of these hours must contact the Lockmaster in advance so that lock operators can be called in to operate the lock. Winter conditions will dictate whether or not a lockage can be accomplished, as well as any necessary restrictions.

Operational Aspects

Rake to box ice couplings the entire width of the tow, at break points of the tow, will be required at all locks when ice is present at the lock.

Double tripping and use of industry helper boats during ice conditions will be required if proper couplings are not accomplished prior to arrival at the locks.

Failure to have the tow configured properly may result in loss of lock turn.

Tow configuration to ice couplings shall not be accomplished at the lock or lock approach.

//signed//

Robert V. Castro, P.E.
Chief, Lock and Dam Section
Mississippi River Project



**US Army Corps
of Engineers®**

ST. PAUL DISTRICT

180 5TH STREET EAST
ST. PAUL MN 55101-1678
HTTP://WWW.MVP.USACE.ARMY.MIL/

NOTICE TO NAVIGATION INTERESTS

DATE: 09/25/2020

POC: Bryan Peterson
Navigation
Manager
(651) 290-5986

NOTICE NUMBER: 12577

LOCAL NUMBER: UMR 20-02
WATERWAY: UPPER MISSISSIPPI

EFFECTIVE: 12/07/2020 00:00 thru
03/14/2021 23:59 CST

SCHEDULED LOCK CLOSURES Upper Mississippi River

The following locks will be closed to all navigation during the approximate dates specified below. If navigation is critical through these locks after the initial close date or before the scheduled reopening date, please contact Bryan Peterson at (651) 290-5986 Monday thru Friday between 0700 and 1530 hrs.

<u>River Mile</u>	<u>Project</u>	<u>Repairs</u>	<u>Dates</u>
815.2	Lock 2	Contractor replacement of miter gate anchorages	07 Dec 20 – 14 Mar 21
752.8	Lock 4	Lock dewatering and maintenance	07 Dec 20 – 14 Mar 21
738.1	Lock 5	Contractor repair of tow rail system	07 Dec 20 – 14 Mar 21
728.5	Lock 5A	Contractor repair of tow rail system	07 Dec 20 – 14 Mar 21

//signed//

Bryan D. Peterson
Navigation Manager
Mississippi River Navigation Project



**US Army Corps
of Engineers®**

ROCK ISLAND DISTRICT
ATTN: CEMVR-DE
CLOCK TOWER BLDG. - RODMAN AVE
ROCK ISLAND IL 61299
HTTP://WWW.MVR.USACE.ARMY.MIL/

DATE: 11/12/2020
POC: Bob Castro, P.E.
Chief, Lock and Dam Section
309-794-4580 

NOTICE NUMBER: 12066-2
LOCAL NUMBER: MR 20-12066-2
WTRWY/CHNL: UPPER MISSISSIPPI
LOCK(S): MI 14|MI 15|MI 19
EFFECTIVE: 12/21/2020 07:00 thru 03/04/2022 23:59 CST

AMENDMENT MR 20-12066-1
ANTICIPATED LOCK CLOSURES
Rock Island District (MVR)
Mississippi River

"SEE ATTACHMENT" for Repair / Maintenance Schedule for 2020/2021

It is anticipated that major maintenance and repairs will be performed at the following locations during Calendar Years 2020 / 2021. These schedules are subject to change, and this notice may require periodic revisions. It is given so that industrial waterway users. It is anticipated that major maintenance and repairs will be performed at the following locations during Calendar Years 2020 / 2021. These schedules are subject to change, and this notice may require periodic revisions. It is given so that industrial waterway users may have a general knowledge of the anticipated lock outages and can plan their operations accordingly. Factors, which may affect this schedule, are the delivery of materials, repairs required but not anticipated, emergency repairs as a result of accidents, and funding.

All interested parties should review the maintenance schedule for impact. Additional notices furnishing specific information and operating requirements will be published approximately two weeks in advance of commencing the work items listed. Visit the Notices to Navigation Interests (NTNI) website for all the current Navigation Notices: <https://ntninotices.usace.army.mil/lpwb/f?p=150:1:0::::>

//signed//

Robert V. Castro, P.E.
Chief, Lock and Dam Section
Mississippi River Project

ANTICIPATED LOCK CLOSURES
Rock Island District (MVR)
Mississippi River

It is anticipated that major maintenance and repairs will be performed at the following locations during Calendar Years 2020 / 2021. These schedules are subject to change, and this notice may require periodic revisions. It is given so that industrial waterway users may have a general knowledge of the anticipated lock outages and can plan their operations accordingly. Factors, which may affect this schedule, are the delivery of materials, repairs required but not anticipated, emergency repairs as a result of accidents, and funding.

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<https://ntninotices.usace.army.mil/pwb/f?p=150:1:0:::>

Repair/Maintenance Schedule for 2020

Mississippi River

<u>River Mile</u>	<u>Project</u>	<u>Repairs</u>	<u>Dates</u>	<u>Remarks</u>
522.5	Lock 13 Rock Island District-MVR)	Refurbish Miter Gate No. 1 Gear Box	21 Dec 20 – 15 Mar 21	Closed to all navigation
493.3	Lock 14 (Rock Island District-MVR)	Lock Dewatering to perform miscellaneous repairs	21 Dec 20 – 15 Mar 21	Closed to all navigation
482.9	Lock 15 (Rock Island District-MVR)	Contractor repair of lower guide wall Phase 3	21 Dec 20 – 15 Mar 21	Closed to all navigation
364.2	Lock 19 (Rock Island District-MVR)	Removal of existing lock chamber service gate and installation of new service gate. Installation of acoustic barrier at lower end of lock	01 Jan 21 – 15 Mar 21	Closed to all navigation

Repair/Maintenance Schedule for 2021

Mississippi River

<u>River Mile</u>	<u>Project</u>	<u>Repairs</u>	<u>Dates</u>	<u>Remarks</u>
482.9	Lock 15 (Rock Island District-MVR)	Lock Dewatering to perform miscellaneous repairs	20 Dec 21 – 04 Mar 22	Closed to all navigation

**US Army Corps
of Engineers®**

ST. LOUIS DISTRICT
ATTN: CEMVS-DE
1222 SPRUCE STREET
ST. LOUIS MO 63103-2833
HTTP://WWW.MVS.USACE.ARMY.MIL/

DATE: 10/28/2020
POC: Lance Engle
314-865-6343

NOTICE NUMBER: 12536-1
LOCAL NUMBER: 20-24A
WATERWAY: ILLINOIS WATERWAY

EFFECTIVE: 09/22/2020 00:00 thru 11/30/2020 23:59 CST

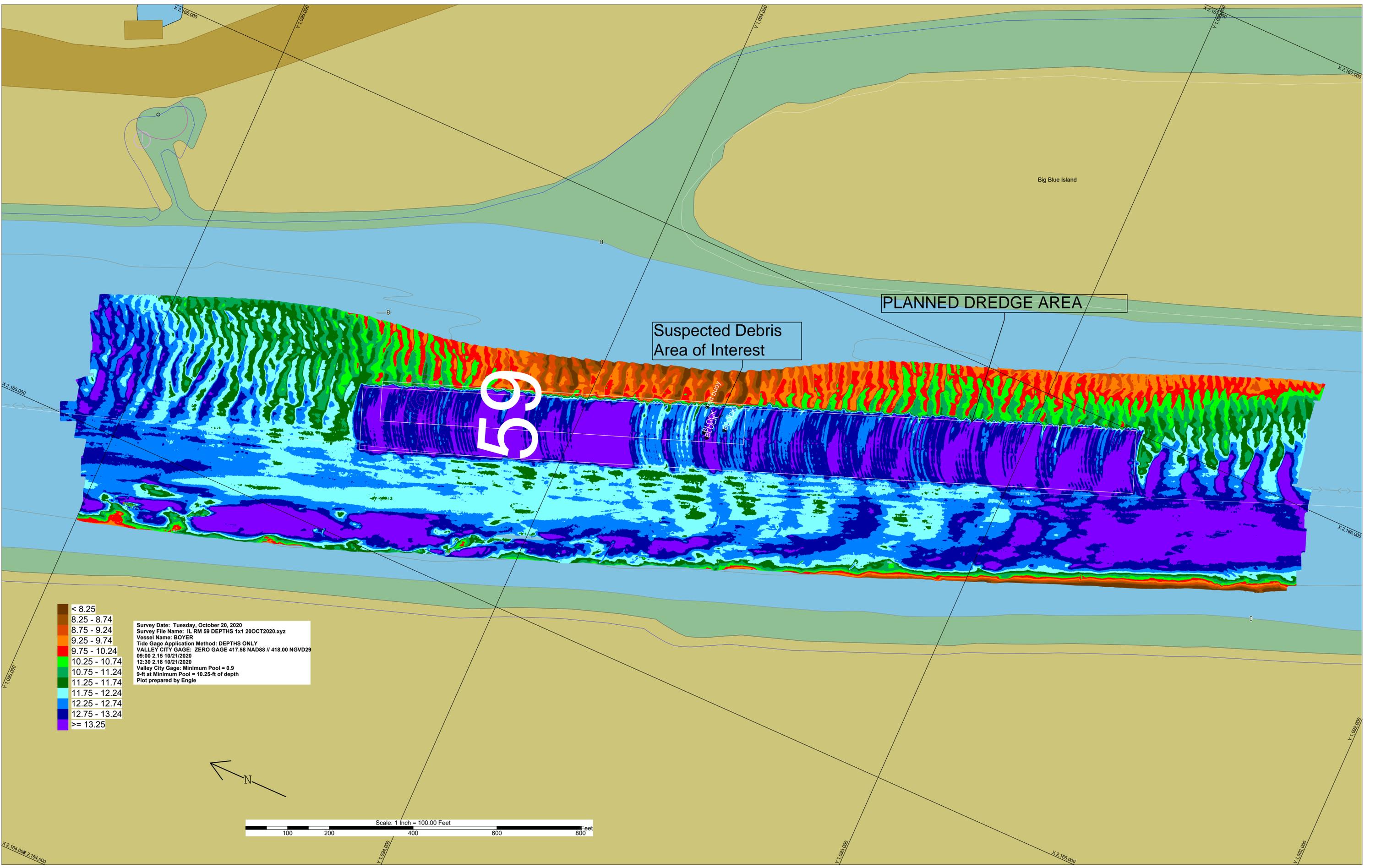
TRANSIT ADVISORY - HAZARD - CANCELLED
Mile 59 Illinois Waterway

1. A multibeam or full coverage survey was performed to identify suspected debris encountered while dredging at mile 59 on the Illinois Waterway. The survey was performed on 20 October 2020.
2. The survey data has been reviewed and the only objects found were a few buoy rocks, with a controlling depth of 11-ft below minimum pool. The channel has been determined to be clear of debris and this NTNI is cancelled. The survey plot is attached for reference.

FOR THE DISTRICT ENGINEER:

//signed//

Andrew C. Schimpf, P.E.
Rivers Project Manager



Big Blue Island

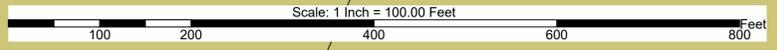
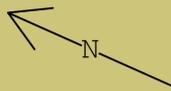
PLANNED DREDGE AREA

Suspected Debris Area of Interest

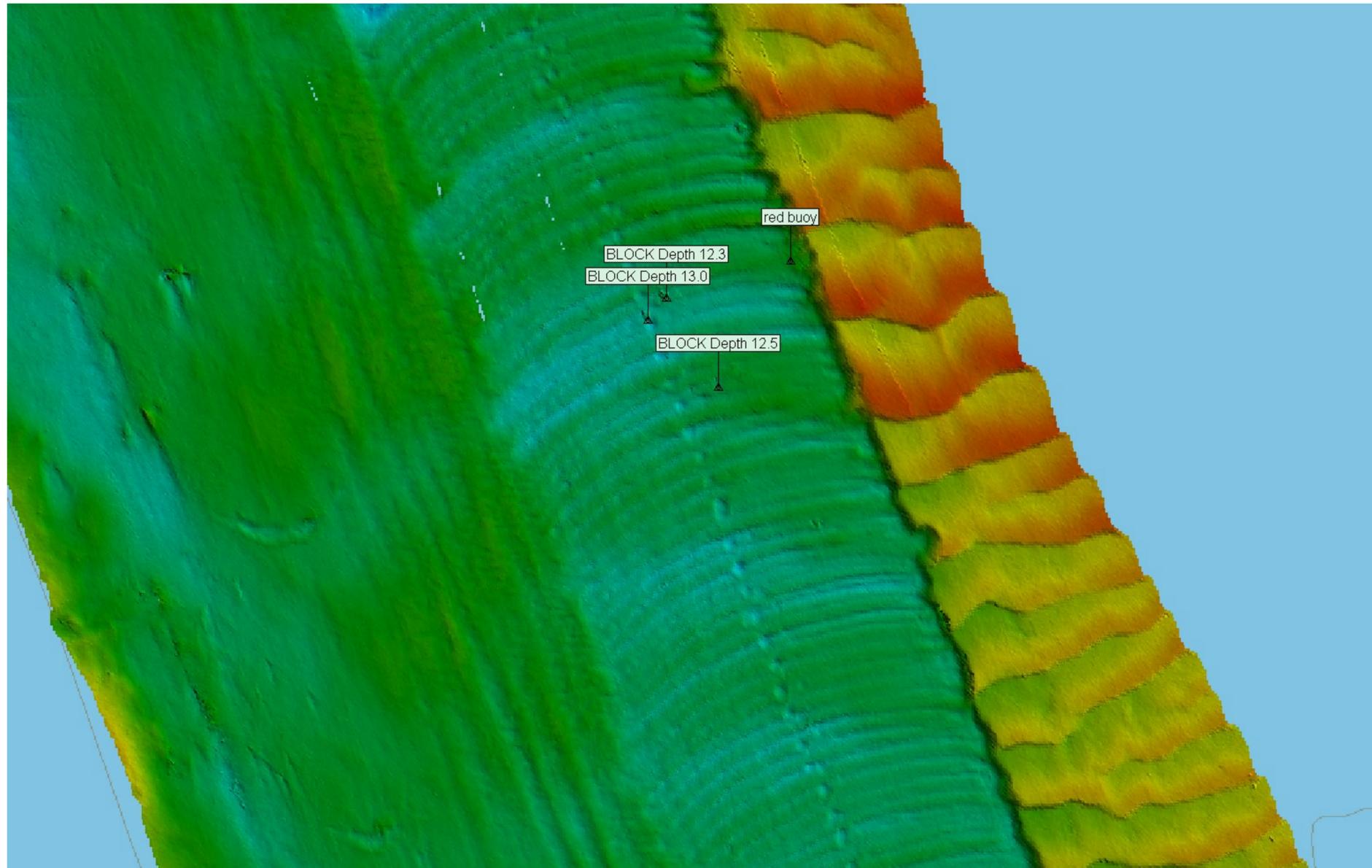
65

- < 8.25
- 8.25 - 8.74
- 8.75 - 9.24
- 9.25 - 9.74
- 9.75 - 10.24
- 10.25 - 10.74
- 10.75 - 11.24
- 11.25 - 11.74
- 11.75 - 12.24
- 12.25 - 12.74
- 12.75 - 13.24
- >= 13.25

Survey Date: Tuesday, October 20, 2020
 Survey File Name: IL_RM_59_DEPTHS_1x1_20OCT2020.xyz
 Vessel Name: BOYER
 Tide Gage Application Method: DEPTHS ONLY
 VALLEY CITY GAGE: ZERO GAGE 417.58 NAD88 // 418.00 NGVD29
 09:00 2.15 10/21/2020
 12:30 2.18 10/21/2020
 Valley City Gage: Minimum Pool = 0.9
 9-ft at Minimum Pool = 10.25-ft of depth
 Plot prepared by Engle



X 2,166,000 Y 1,098,000 X 2,167,000 Y 1,099,000 X 2,168,000 Y 1,099,000 X 2,169,000 Y 1,099,000 X 2,165,000 Y 1,098,000 X 2,164,000 Y 1,098,000 X 2,163,000 Y 1,098,000 X 2,162,000 Y 1,098,000



Possible buoy rocks located from 60-ft to 80-ft left of sailing line shown on IENC.
Depths shown are actual depth at time of the survey. Valley City gage was 1.25-ft above minimum pool.
Subtract 1.25-ft to get depth at minimum pool.
Block Depth = $12.3 - 1.25 = 11.0$ -ft at minimum pool.
Block Depth $12.5 - 1.25 = 11.2$ -ft at minimum pool.
Block Depth $13.0 - 1.25 = 11.7$ -ft at minimum pool.

