



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

LOCAL NOTICE TO MARINERS

District 8 MRS

Week: 17/16

Mississippi River System

LIGHT LIST VOLUME V
NOTICE NUMBER 17-16
April 27, 2016

LIGHT LIST REFERENCE: COMDTPUB P16502.5, Vol V, 2016 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	0172 - 16 (UM)	0183 - 16 (UM)
Sector Lower Mississippi River	0204 - 16 (LM)	0212 - 16 (LM)
Sector Ohio Valley	0122 - 16 (OV)	0131 - 16 (OV)
OB DWB	0052 - 16 (OB)	0058 - 16 (OB)

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 <http://www.navcen.uscg.gov/>

2013 SPECIAL NOTICE TO MARINERS <http://www.navcen.uscg.gov/>

MISSISSIPPI RIVER SYSTEM LNM VIA INTERNET <http://www.navcen.uscg.gov/?pageName=lnmDistrict®ion=8&ext=r>

MISSISSIPPI RIVER SYSTEM LIGHT LIST VIA INTERNET <http://www.navcen.uscg.gov/pdf/lightLists/LightList%20V5.pdf>

ABBREVIATIONS

A through H

ADRIFT - Buoy Adrift
AICW - Atlantic Intracoastal Waterway
AI - 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

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

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

FI - Flashing
 G - Green
 GIWW - Gulf Intracoastal Waterway
 HAZ - Hazard to Navigation
 HBR - Harbor
 HOR - Horizontal Clearance
 HT - Height

NOS - National Ocean Service
 NW - Notice Writer
 OBSCU - Obscured
 OBST - Obstruction
 OBSTR - Obstruction
 Oc - Occulting
 ODAS - Anchored Oceanographic Data Buoy

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
 Y - Yellow

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

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_jtfts, 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: DPW

DGPS UNUSABLE TIME - TOPEKA, KANSAS

The Topeka, Kansas, DGPS Site will be unusable from 1400Z until 1600Z, May 17, 2016. The alternate time is from 1400Z until 1600Z, May 18, 2016.

LNM: 17-16

DGPS UNUSABLE - TIME CLARK, SOUTH DAKOTA

The Clark, South Dakota, DGPS Site will be unusable from 1400Z until 1600Z, May 16, 2016. The alternate time is 1400Z until 1600Z, May 17, 2016.

LNM: 17-16

RED RIVER - SAFETY ADVISORY/CHANNEL CONDITION

The COTP Lower Mississippi River has issued a Safety Advisory for extreme high water between approximate Miles 236.0 and 0.0. Mariners are advised to transit with caution due to the hazardous conditions associated with strong currents, severe outdrafts, missing/off station aids to navigation and diving buoys. Fleet operators should regularly check their fleets and immediately report barge breakaways to the U.S. Coast Guard. The COTP Lower Mississippi River with the concurrence of the Red River Valley Association recommends the following limits on upbound and downbound tows. Towing vessels must have no less than 500 horse power per barge and push no more than 6 barges total. Towing vessels shall only transit from sunrise to sunset. Mariners are requested to contact the U.S. Coast Guard Sector Lower Mississippi River via VHF-FM Channel 16 or at (866) 777-2784, for additional information or to report areas of concern.

LNM: 17-16

DGPS UNUSABLE TIME - WHITNEY, NEBRASKA

The Whitney, Nebraska, DGPS Site will be unusable from 1500Z until 1700Z, May 24, 2016. The alternate time is 1500Z until 1700Z, May 25, 2016.

LNM: 17-16

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
720	Fin And Feather Daybeacon	STRUCT DEST		0075LM	05/16	
760	Big Bottom Daybeacon	STRUCT DEST			41/15	

790	Legas Lake Daybeacon	STRUCT DEST	0224LM	32/15
805	Blue Mound Daybeacon	STRUCT DEST	0162LM	13/16
1070	Brier Creek Light	STRUCT DEST	0205LM	31/15
1200	Black Rock Daybeacon	STRUCT DMGD	0086LM	05/16
1210	Lone Star Light	LT IMCH	0086LM	05/16
1213	Non Lateral Mark 330.4	STRUCT DEST	0087LM	05/16
1220	Onion Creek Daybeacon	STRUCT DMGD	0088LM	05/16
1225	Tucker Lake Light	LT IMCH	0088LM	05/16
1265	Peno Point Daybeacon	STRUCT DMGD	0088LM	05/16
1267	Non Lateral Mark 313.9	STRUCT DEST	0089LM	05/16
1430	Arbuckle Island Light	STRUCT DEST	0091LM	05/16
1542	Non Lateral Mark 244.1	DAYMK MISSING	0210LM	31/15
1585	Cane Creek Light	STRUCT DEST	0210LM	31/15
1590	Ragon Mountain Light	STRUCT DEST	0209LM	31/15
1695	Dardanelle Reach Light	DAYMK DMGD	0204LM	31/15
1705	Old Neely Daybeacon	STRUCT DMGD	0093LM	06/16
2110	Peach Orchard Bend Light	LT EXT	0296LM	43/14
2280	Eastwood Bayou Light	LT IMCH	0337LM	43/15
2310	Yell Bend Light	LT EXT	0340LM	43/15
2405	Adkins Lake Light	DAYMK MISSING	0100LM	06/16
2435	Richland Bend Middle Daybeacon	STRUCT DEST	0133LM	08/16
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
2570	Ross Ferry Light	STRUCT DEST	0287LM	39/15
2645	Hoop Pole Bay Daybeacon	STRUCT DEST	0109LM	06/16
2650	Paradise Bay Light	STRUCT DEST	0258LM	36/15
2665	Owens Lake Daybeacon	DAYMK DMGD	0110LM	06/16
3026	Rainer Knob Upper Daybeacon	STRUCT DEST/TRUB	0243OV	21/15
4250	Shammels Mound Landing Light	STRUCT DMGD	0010OV	02/16
4525	Boyds Landing Light	LT EXT	0049OV	07/16
6210	Peacock Slough Light	STRUCT DEST	0441UM	44/14
6670	Huse Slough Lower Daybeacon	STRUCT DEST		14/14
6675	Spring Valley Daybeacon	DAYMK MISSING		09/16
6810	Halls Landing Light	LT EXT	M0548	50/15
6995	Spring Bay Light	STRUCT DEST	0042UM	12/15
7015	Blue Creek Point Lower Light	LT EXT/STRUCT DMGD		04/13
7030	Drolls Point Upper Light	STRUCT DEST	0099UM	21/13
7040	Peoria Heights Light	STRUCT DEST	0100UM	21/13
7380	Duck Island Daybeacon	DAYMK MISSING	0426UM	41/15
7855	Little Blue Light	STRUCT DEST	0029UM	11/14
7940	Fisher Island Lower Light	STRUCT DEST	0410UM	39/15
7975	Carter Field Light	STRUCT DEST	0031UM	12/14
8045	Mortland Island Light	STRUCT DEST	0097UM	18/15
8080	Greuters Landing Daybeacon	STRUCT DEST	0475UM	43/15
8085	Blooms Landing Light	STRUCT DEST	0032UM	12/14
8845	Brighton Light	STRUCT DEST	0047OV	09/15
9040	Three Mile Daybeacon	STRUCT DEST		05/16
9150	Washita Point Light	STRUCT DEST	0392LM	48/15
9535	Quaker Oats Light	STRUCT DEST	0043OV	06/16
9850	Murphy Smith Light	STRUCT DEST	0303LM	40/15
9935	Bader Light	LT EXT	0365LM	44/15
10045	Roosevelt Light	STRUCT DEST	0063LM	04/16
10065	Gold Dust Bar Light	LT EXT	0187LM	15/16
10075	Kate Aubrey Towhead Light	STRUCT DEST	0158LM	12/16
10120	Driver Upper Light	STRUCT DEST	0064LM	04/16

10335	Vice President Light	STRUCT DEST	0065LM	04/16
10525	Walnut Bend Light	STRUCT DEST	0209LM	17/16
10540	Harbert Point Light	LT EXT	0256LM	36/15
10625	Delta Lower Light	STRUCT DEST	0118LM	06/16
10635	Westover Light	STRUCT DEST	0219LM	32/15
10640	Kangaroo Point Light	STRUCT DEST	0117LM	06/16
10650	Miller Point Light	STRUCT DMGD	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
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
10760	Smith Point Light	STRUCT DEST	0112LM	06/16
10890	Chicot City Light	STRUCT DEST	0370LM	45/15
10895	Eutaw Bar Light	STRUCT DEST	0126LM	08/16
10955	Miller Bend Light	STRUCT DEST	0125LM	08/16
11070	Anconia Point Light	STRUCT DEST	0130LM	08/16
11115	Grand Lake Light	LT EXT	0380LM	47/15
11120	Carolina Landing Light	STRUCT DEST	0081LM	05/16
11125	Corregidor Light	STRUCT DEST	0080LM	05/16
11140	Opossum Point Lower Light	STRUCT DEST	0120LM	06/16
11145	Skipwith Bar Light	STRUCT DEST	0079LM	05/16
11195	Chinaman Light	STRUCT DEST	0182LM	15/16
11210	Fitler Point Light	STRUCT DEST	0261LM	36/15
11220	Cottonwood Bar Pointway Light	STRUCT DEST	0260LM	36/15
11250	Belle Island Corner Light	STRUCT DEST	0134LM	22/15
11270	Cabin Teele Light	STRUCT DMGD	0079LM	12/14
11275	Marshall Point Cut-Off Light	STRUCT DEST	0262LM	36/15
11280	Joseph Henry Light	STRUCT DEST	0183LM	15/16
11470	Grand Gulf Island Light	STRUCT DEST	0140LM	23/15
11505	Old Levee Light	LT EXT	0405LM	51/15
11615	Warnicott Bar Light	STRUCT DEST	0140LM	09/16
11620	St. Catherine Bar Light	STRUCT DEST	0122LM	07/16
11645	Black Hills Light	STRUCT DEST	0140LM	09/16
11665	Graham Bend Lower Light	STRUCT DEST	0140LM	09/16
11670	Palmetto Bend Upper Light	STRUCT DMGD	0140LM	09/16
11685	Black Hawk Light	STRUCT DEST	0140LM	09/16
11690	Black Hawk Point Light	STRUCT DEST	0379LM	47/15
11727	Old River Light	STRUCT DMGD	0140LM	09/16
11750	Leatherman Point Light	DAYMK DMGD		16/16
11800	Boies Point Light	STRUCT DMGD		16/16
11810	Red Store Light	STRUCT DEST		16/16
11915	Allendale Light	STRUCT DEST		16/16
12165	Pike Island Daybeacon	STRUCT DEST	0284UM	31/15
12235	Cherokee Heights Daybeacon	STRUCT DMGD	0180UM	25/15
12380	Robinsons Light	LT EXT	0228UM	28/15
12770	Wacouta Lower Daybeacon	DAYMK DMGD	0140UM	22/15
13355	Minnesota Island Upper Daybeacon	TRDBN/STRUCT DEST		19/13
13470	Raft Channel Head Light	STRUCT DEST	0062UM	17/13
13765	Island 158 Daybeacon	LT EXT		15/15
14040	Buena Vista Light	LT EXT		36/15
14205	Shinkles Island Bar Daybeacon	STRUCT DEST	0132UM	25/14
14345	Sand Prairie Light	LT EXT	0468UM	46/14
14570	Beaver Slough Light	STRUCT DEST	0149UM	15/16
14990	Hershey Chute Lower Light	LT EXT	0358UM	36/15

16060	Elswood Daybeacon	STRUCT DEST	0090UM	10/16
16675	Fines Bluff Daybeacon	STRUCT DEST	0040UM	04/16
17930	Cholson Daybeacon	MISSING	0623UM	50/11
19340	Jackson Daybeacon	STRUCT DEST	0095UM	11/16
19740	Liberty Daybeacon	DAYMK IMCH	0156UM	15/16
19885	Sni Bend Daybeacon	DAYMK IMCH	0155UM	15/16
19955	Sheep Nose Upper Daybeacon	DAYMK MISSING	0092UM	10/16
19970	Tabo Bend Lower Daybeacon	STRUCT DEST	0093UM	10/16
19990	Baltimore Bend Daybeacon	DAYMK MISSING	0094UM	10/16
20095	Kremer Daybeacon	DAYMK IMCH	0154UM	15/16
20190	Kinkhorst Daybeacon	STRUCT DEST	0153UM	15/16
20270	Gilliam Bend Lower Daybeacon	STRUCT DEST	0152UM	15/16
20275	Wilhoite Bend Daybeacon	DAYMK IMCH	0151UM	15/16
20810	Loose Creek Lower Daybeacon	STRUCT DEST	0167UM	16/16
21400	Bellefontaine Light	STRUCT DEST	0089UM	10/16
21430	Cora Daybeacon	STRUCT DEST	0178UM	17/16
23245	Newell Light	STRUCT DEST/TRUB	0557OV	42/15
24850	Crown City Light	STRUCT DEST		42/15
24875	Rural Home Light	STRUCT DEST	0558OV	42/15
25220	Ironton Bend Light	DAYMK MISSING	0125OV	17/16
25475	Buena Vista Light	STRUCT DEST	0461OV	35/15
26360	Jackson Landing Light	LT EXT		31/14
27150	Pates Hollow Light	DAYMK DMGD	0599OV	47/15
27275	Corn Island Light	STRUCT DEST	0355OV	28/15
27440	Bon Harbor Light	LT EXT	0101OV	15/16
27805	Slim Island Towhead Daybeacon	STRUCT DEST	0630OV	49/15
27810	Mississippi Bend Daybeacon	STRUCT DEST	0627OV	49/15
28035	Deer Creek Light	STRUCT DEST		29/13
29287	BOYCE LAKE LIGHT	STRUCT DEST	0213LM	17/16
29327	Cotton Lower Daybeacon	STRUCT DEST	0032LM	11/15
29518	Ben Routh Upper Daybeacon	STRUCT DEST	0113LM	17/14
29542	Barbin Daybeacon	TRUB/STRUCT DEST	0115LM	17/14
29547	Hadden Fort Middle A Daybeacon	MISSING	0436LM	41/11
29549	Hadden Fort Middle B Daybeacon	STRUCT DEST	0114LM	17/14
29785	Torras Daybeacon	STRUCT DEST		40/15
31135	The Pot Light	LT IMCH	0028OV	05/16
31460	Small Island Light	LT EXT	0029OV	05/16
31605	Walker Light	LT EXT	0204OV	17/15
31645	Lehmans Bluff Daybeacon	STRUCT DEST	0027OV	05/16
31972	Sheffield Cut Daybeacon	STRUCT DEST	0112OV	16/16
32140	Chambers Daybeacon	STRUCT DEST	0178OV	11/13
32170	Diamond Island Lower Daybeacon	STRUCT DEST	0177OV	11/13
32445	Sales Light	TRUB/STRUCT DEST	0269OV	19/14
32480	Higgins Light	STRUCT DEST	0342OV	27/15
32530	Standing Rock Upper Light	STRUCT DEST	0658OV	41/13
32600	Clyde Light	LT EXT	0581OV	44/15
32605	Newburg Light	STRUCT DEST	0362OV	29/15

DISCREPANCIES (FEDERAL AIDS) CORRECTED

LLNR	Aid Name	Status	Chart No.	BNM Ref.	LNM St	LNM End
475	Nine Mile Island Light	REBUILT/RECOVERED			17/16	17/16
21345	St. Charles Bend Middle Daybeacon	WATCHING PROPERLY			39/15	17/16
21355	La Barge Daybeacon	REBUILT/RECOVERED			29/15	17/16
21360	Charbonnier Daybeacon	REBUILT/RECOVERED			12/16	17/16
21395	Jamestown Landing Daybeacon	REBUILT/REMAINS			38/15	17/16

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	
1865	Jeffery Sand Dock Lights (2)	LT EXT		0065-09 LM	11/09	
2400	Pickett And Davison Lights (2)	LT EXT		0481-13 LM	50/13	
2450	Bunge Grain Dock Light	LT IMCH		0438-11 LM	41/11	
2585	Riceland Foods Lights (2)	LT EXT		0283-08 LM	34/08	
2590	Oakley Dock Lights (2)	LT EXT		0282-08 LM	34/08	
3725	Lakewood Marina Lights (4)	LT IMCH		0439-15 OV	34/15	
3740	Old Hickory Intake Light	LT EXT		0438-15 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	
3925	Lafarge Terminal Light	LT IMCH			34/08	
3930	Alcoa Chemical Dock Lights (2)	MSLD SIG/LT EXT		0216-10 OV	14/10	
3940	Ford Mooring Lights (2)	LT EXT			34/08	
3950	Hailey Lights (3)	LT EXT			44/11	
3960	Hunter Marine Transport Dock Lights (2)	LT EXT			47/08	
3985	Trinity Nashville Dock Light	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	
4120	Hopkinsville Elevator Dock Lights (2)	LT EXT			37/08	
4587	Warren Paving Fleeting Dock Light	LT EXT			36/10	
4596	Pine Bluff Sand & Gravel Dock Lights (3)	LT EXT			36/10	
4605	Lafarge Aggregates Dock Lights (2)	LT EXT			36/10	
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	
8035	Jersey County Elevator Lights (3)	LT EXT		0428-14 UM	36/08	
8095	Pere Marquette Boat Harbor Light	LT EXT		0013-15 UM	04/15	
9965	Huffman Grain Light	STRUCT DEST		0131-16 LM	08/16	
10110	Bunge Corporation Dock Lights (2)	LT EXT		0090-03 LM	08/03	
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	
10875	Bunge Corporation Desoto Terminal Lights (2)	LT EXT		0091-12 LM	14/12	

11990	Riverside Dock Lights (2)	LT EXT	0695-01 UM	40/01
12080	University Dock Lights (3)	LT EXT	0696-01 UM	40/01
12285	Farm Bureau Dock Light	LT EXT	0568-04 UM	45/04
13195	Bay State Dock Lights (2)	LT EXT	0569-04 UM	45/04
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
16205	Piasa Harbor Light	LT EXT	0131-15 UM	22/15
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
16295	Redco Dock Lights (2)	LT EXT		35/09
16310	Sioux City/New Orleans Terminal Light	STRUCT DEST		35/09
16320	Marathon Dock Lights (5)	LT EXT		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
16440	St. Louis Terminal Light	LT EXT		32/08
16445	Continental Cement Lights (2)	LT EXT	0305-08 UM	34/08
16490	Cargill Lights (3)	LT EXT	3305-08 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
16580	Valvoline Pier Lights (3)	LT EXT	0787-01 UM	44/01
16585	Savannah Foods 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
16680	Union Electric Dock Lights (5)	LT EXT	0305-08 UM	34/08
18700	Bunge Dock Lights (3)	MISSING/LT EXT		18/08
19175	Bartlett Dock Light	MISSING	0539-07 UM	40/07
19185	St. Joseph L & P Dock Light	LT IMCH		17/08
19300	Agp 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
25735	Jolly Roger'S Lights (2)	LT EXT	0548-09 OV	40/09
25750	Judd Light	LT EXT	0549-09 OV	40/09
25810	CHS Dock Lights (2)	LT EXT	0551-09 OV	40/09
25820	Cargill Barge Loading Facility Light	LT EXT	0552-09 OV	40/09
25847	Orsanco Light	MISSING	0553-09 OV	40/09
26290	Boone County Sand And Gravel Lights (2)	LT EXT	0769-00 OV	40/00

DISCREPANCIES (PRIVATE AIDS) CORRECTED

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

PLATFORM DISCREPANCIES

Name	Status	Position	BNM Ref.	LNM St	LNM End
None					

PLATFORM DISCREPANCIES CORRECTED

Name	Status	Position	BNM Ref.	LNM St	LNM End
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
6210	Peacock Slough Light	DISCONTINUED			24/13	
7275	Midwest Grain Dock Lights (2)	DISCONTINUED			18/13	
9670	Island 8 Head Light	DISCONTINUED		0413OV	33/15	
11100	Kentucky Bend Foot Light	DISCONTINUED		0086LM	13/14	
11940	Ben Burman Light	DISCONTINUED			18/13	
12840	Nelson Point Daybeacon	DISCONTINUED		0112UM	23/14	
13315	Winters Landing Light	DISCONTINUED		0055UM	16/14	
15370	Shokokan Lighted Buoy	TRUB		0470UM	47/14	
15395	Dutchman Island Lighted Buoy	TRUB		0470UM	47/14	
15435	Sunken M/V John Paul Lighted Buoy	TRUB		0470UM	47/14	
15475	Waggoner PT Lighted Buoy	TRUB		0470UM	47/14	

TEMPORARY CHANGES CORRECTED

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

PLATFORM TEMPORARY CHANGES

Name	Status	Position	BNM Ref.	LNM St	LNM End
None					

PLATFORM TEMPORARY CHANGES CORRECTED

Name	Status	Position	BNM Ref.	LNM St	LNM End
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)

CLINCH RIVER

The following change will be made the week of May 24, 2016.
Change Rainier Knob Upper Daybeacon (LLNR-3026) to Rainier Knob Upper Buoy (LLNR-3026) at mile 41, Right Descending Bank, showing a Green can.

LNM: 08-16-27D

TENNESSEE RIVER

The following change will be made the week of May 24, 2016.
Change Half Moon Foot Light (LLNR-30600) to Half Moon Foot Buoy (LLNR-30600) at mile 546.2, Right Descending Bank, showing a Green can.

LNM: 08-16-28D

UPPER MISSISSIPPI RIVER

The following change will be made the week of June 28, 2016.
Discontinue Elswood Daybeacon (LLNR-16060) at mile 253.1, Right Descending Bank.

LNM: 08-16-21D

OHIO RIVER

The following changes will be made the week of Jun 28, 2016.
Discontinue Manchester Island Daybeacon (LLNR-25535) at mile 395.8, Right Descending Bank.
Discontinue Maysville Bend Daybeacon (LLNR-25630) at mile 410.6, Left Descending Bank.
Discontinue Stringtown Daybeacon (LLNR-26110) at mile 479.2, Left Descending Bank.
Discontinue Hughes Bar Daybeacon (LLNR-26885) at mile 615.7, Right Descending Bank.
Discontinue Indian Hollow Daybeacon (LLNR-27045) at mile 665.1, Right Descending Bank.
Discontinue Schooner Point Daybeacon (LLNR-27055) at mile 669.1, Right Descending Bank.
Discontinue City Park Daybeacon (LLNR-27625) at mile 801.5, Left Descending Bank.
Discontinue Hovey Daybeacon (LLNR-27790) at mile 832.9, Right Descending Bank.
Discontinue Slim Island Towhead Daybeacon (LLNR-27805) at mile 836.8, Left Descending Bank.
Discontinue Mississippi Bend Daybeacon (LLNR-27810) at mile 839.5, Left Descending Bank.

LNM: 08-16-26D

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

Proposed Project(s)

None

Closing

Docket No.

Ref. LNM

Proposed Change Notice(s)

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 0.8 - MILE 0.2 - FIREWORKS DISPLAY/RIVER CLOSURE

On April 30, 2016, from 8:45 p.m. until midnight, the Pittsburgh Pirates Fireworks display will be held between approximate Miles 0.8 and 0.2. This is a bridge based event. MSU Pittsburgh has closed the river for this event.

LNM: 16-16

ARKANSAS RIVER

MILE 444.8 - MILE 439.0 - MARINE EVENT

Attached as an enclosure to this LNM is a USACE Tulsa District Navigation Notice 2016-6, regarding Tulsa Youth Rowing Association and Tulsa University rowing events.

LNM: 13-16

MILE 366.6 - L/D DELAYS/CLOSURE

Commencing May 16, 2016 and continuing until May 23, 2016, Webber Falls L/D 16, in the vicinity of Mile 366.6, will be closed for repairs. Delays of 4 or more hours may be experienced the week prior to the closure.

LNM: 17-16

MILE 348.7 - CHANNEL CONDITION

Shoaling has been reported in the vicinity of Mile 348.7, inside the channel. A M/V with a draft of 9 feet reportedly grounded at this location on March 30, 2016. Mariners are urged to exercise caution in the area.

LNM: 14-16

MILE 320.0 - BARGE/ShORE TRANSFER

On approximately May 7, 2016, for 4-6 hours, the M/V LONNIE M. BELL and a deck barge will conduct a barge to shore transfer of equipment in the vicinity of Mile 320.0, RDB, upstream of MD Mayo L/D 14. The estimated arrival date of May 7, 2016, is subject to lock/weather and traffic delays. The M/V LONNIE M. BELL will monitor VHF-FM Channels 13 or 16. Mariners are urged to contact the L/D 14, for the latest information. Mariners are urged to exercise caution in the area during the event period.

LNM: 17-16

MILE 300.4 - BRIDGE MAINTENANCE

U.S. 64-71 Bridge; Cleaning and painting of the bridge will occur Monday through Friday, from 7:00 a.m. until 5:30 p.m. Work only involves the approach spans and will not impact the navigation channel. Mariners are urged to transit the bridge with caution.

LNM: 14-16

MILE 205.5 - L/D DELAYS

Continuing until August 31, 2016, the Dardanelle L/D (No. 10) in the vicinity of Mile 205.5, will experience intermittent delays for maintenance. Delays are anticipated to be 4-hours or less in duration. Double cut tows may have to be locked the conventional way, without the use of tow haulage. Lock operators may be contacted via VHF-FM Channel 16 or by phone at (479) 890-4987, in advance of arrival, for current conditions. Mariners are urged to exercise caution in the area.

LNM: 10-16

MILE 119.1 - BRIDGE MAINTENANCE

Broadway Bridge; Work continues outside of the navigation channel on the left descending side of the river. The drilled shaft template remains in place along the right descending side of the channel and is properly lit. Mariners may contact the onsite work boat M/V PENSURUM via VHF-FM Channels 13 or 16, for more information. No impacts to navigation are anticipated.

LNM: 50-15

BLACK WARRIOR RIVER - TOMBIGBEE WATERWAY

MILE 341.5 - MILE 339.0 - MARINE EVENT

On April 30, 2016, from 7:00 a.m. until 12:00 p.m., the University of Alabama will hold women's rowing team regatta between approximate Miles 341.5 and 339.0, Tuscaloosa, Alabama. The event will involve a maximum of 20 racing shells. Mariners may contact the competition coach Mr. Larry Davis at (205) 310-1934. Mariners are urged to exercise caution in the area during the event period.

LNM: 15-16

MILE 261.1 - L/D CLOSURE

Continuing until 7:00 p.m., May 13, 2016, the Selden L/D, in the vicinity of Mile 261.1, will be closed for maintenance. Mariners may contact Mr. Anthony Perkins at (205) 752-3571, for additional information.

LNM: 09-16

CLINCH RIVER

MILE 52.0 - MILE 49.0 - MARINE EVENT

CLINCH RIVER

MILE 52.0 - MILE 49.0 - MARINE EVENT

Attached as an enclosure to this LNM, is a USACE Nashville District Notice to Navigation Interests 16-02, regarding the Oak Ridge Rowing Association 2016 schedule.

LNM: 05-16

MILE 4.5 - AID TO NAVIGATION - UPDATE

A nun buoy was previously reported submerged in the vicinity of Mile 4.5. The area was investigated with no submerged buoy found.

LNM: 17-16

MILE 2.4 - BRIDGE MAINTENANCE

Sam Rayburn Bridge; Vertical clearance has been reduced to 45.2 feet above normal pool due to a containment system extending approximately 6 feet below low steel in the navigation channel. Mariners are urged to exercise caution in the area.

LNM: 14-16

CUMBERLAND RIVER

MILE 63.1 - BRIDGE CONSTRUCTION/MAINTENANCE

Henry Lawrence Replacement Bridge; Temporary trestles have been constructed on the downstream side of the existing bridge, from both LDB and RDB. The left descending trestle currently blocks the auxiliary navigation channel and mariners are now REQUIRED to use the preferred right descending main navigation channel span. Trestles should have no impact to mariners on the right descending main navigation channel span. An assist boat is available for mariners transiting the bridge. The M/V HRYNYK'S (her-e-niks) HAULER may be contacted via VHF-FM Channel 13 or by cell phone at (425) 324-1736 or (772) 260-4139.

LNM: 14-16

ILLINOIS WATERWAY

MILE 207.8 - BRIDGE REPAIRS

I-80 (FAI 180) Bridge; The M/V TAMARA LYNN will be conducting repairs to the bridge and will be positioning a work barge at various locations under the bridge during daylight hours, until May 30, 2016. The work barge may move with a 30-minute advance notice and can be contacted via VHF-FM Channel 16 or by phone at (815) 791-9185.

LNM: 16-16

MILE 183.0 - CHANNEL CONDITION/AID TO NAVIGATION

Shoaling has been reported in the vicinity of Mile 183.0, LDB. A M/V reportedly grounded at this location with an 8-foot 6 inch draft on February 8, 2016. A nun buoy previously reported missing in the area, has been reset.

LNM: 09-16

MILE 99.3 - SUBMERGED OBSTRUCTION

A submerged obstruction has been reported in the vicinity of Mile 99.3, LDB. Mariners are urged to exercise caution in the area.

LNM: 06-16

MILE 88.5 - CHANNEL CONDITION

The channel has been reduced to approximately 200 feet. Mariners are urged to exercise caution in the area.

LNM: 11-16

MILE 71.3 - BRIDGE REPLACEMENT - UPDATE

Meredosia Bridge Replacement; Cofferdam construction continues on the new upstream left descending pier. No impacts to navigation are anticipated.

LNM: 17-16

MILE 40.1 - CHANNEL CONDITION/USACE ADVISORY

The USACE St. Louis District advises that the channel is open in the vicinity of Mile 40.1, but reduced to approximately 150 feet. Mariners are urged to transit the area at their slowest safe speed.

LNM: 17-16

KASKASKIA RIVER

MILE 3.0 - BRIDGE MAINTENANCE

Route 182 Bridge; Due to the installation of a Safe Span containment system in the navigation span, the vertical clearance has been reduced to 38.0 feet above normal pool. Bridge pier and deck repair work continues from 7:00 a.m. until 5:30 p.m., Monday through Friday. Mariners may contact the onsite work boat M/V MISS LUCY via VHF-FM Channel 13, for further information.

LNM: 12-16

LITTLE TENNESSEE RIVER

MILE 0.6 - BRIDGE MAINTENANCE

Tennessee State Highway Bridge (Over Tellico Canal); Work barges will be in the navigation channel at various locations for steel erection. For additional information mariners may contact M/V LILA BLANCHE via VHF-FM Channels 13 or 16 or the onsite supervisor at (865) 640-5924.

**LITTLE TENNESSEE RIVER
MILE 0.6 - BRIDGE MAINTENANCE**

LNM: 41-15

**LOWER MISSISSIPPI RIVER
MILE 800.0 - MILE 789.0 - AIDS TO NAVIGATION - UPDATE**

Several can buoys previously reported missing between approximate Miles 789.0 and 800.0, have been reset.

LNM: 17-16

MILE 725.0 - McKELLAR LAKE - SEWAGE SPILL/WATER QUALITY

Due to a sewage spill in McKellar Lake, mariners are reminded of the potential health hazards associated with personal contact with water in McKellar Lake. Additional information is available by calling (901) 222-9299.

LNM: 15-16

MILE 557.5 - CHANNEL CONDITION/AID TO NAVIGATION

Shoaling has been reported in the vicinity of Mile 557.5. A M/V reportedly grounded in the area with a draft of 8 feet 6 inches on April 21, 2016. A can buoy has been reported not properly marking the channel in the area and is believed to be in approximately 7 feet of water. Mariners are urged to exercise caution in the area.

LNM: 17-16

MILE 538.4 - CHANNEL CONDITION

A middle bar has been reported in the vicinity of Mile 538.4. The bar is not reportedly marked. Mariners are urged to exercise caution in the area.

LNM: 17-16

MILE 530.8 - BRIDGE REPAIR

U.S. Highway 82 Mississippi River Bridge; Pier cap repair work will require the installation of scaffolding mounted channelward of the pier. A work barge will also be located adjacent to the pier and will be removed nightly. The work barge will extend approximately 6 feet past the red margin channel light and only one pier will be done at a time. Mariners should exercise caution when transiting the bridge.

LNM: 32-15

MILE 363.3 - BRIDGE LIGHTS

Natchez-Vidalia Dual Bridge; Decorative lights are energized from dusk to 1:00 a.m., and can be extinguished for 20 minutes by shining the ship's spotlight onto the photo cell located upstream on the left descending pier when approaching the bridge. If mariners are unable to extinguish the decorative lights, they are advised to report this to the U.S. Coast Guard Sector Lower Mississippi River at (901) 521-4824.

LNM: 14-16

MILE 363.3 - SUNKEN BARGE

A barge has reportedly sunk in the vicinity of Mile 363.0, 1,000 feet south of the Natchez Vaidalia Dual Bridge. The barge is reportedly in 75 feet of water with the Natchez Gauge at 51 feet on March 22, 2016. Mariners are urged to exercise caution in the area.

LNM: 17-16

MILE 363.0 - SUBMERGED OBSTRUCTION

A submerged obstruction has been reported in the vicinity of Mile 363.0, southern most Bungee Grain Elevator. The obstruction is reported as a protective piling approximately 3 feet below the waters surface. Mariners are urged to exercise caution in the area.

LNM: 16-16

MILE 855.8 - MILE 855.0 - MARINE EVENT

Commencing May 2, 2016 and continuing until September 1, 2016, each Monday, Tuesday, Wednesday and Thursday, the Twin Cities River Rats will hold water ski shows from 5:00 p.m. until 9:00 p.m., between approximate Miles 855.8 and 855.0. Mariners are urged to exercise caution in the area.

LNM: 17-16

UPPER MISSISSIPPI RIVER

MILE 796.0 - MILE 738.0 - MARINE EVENT

On April 30, 2016, from 7:30 a.m. until 3:30 p.m., the Denny's Super 30, a bass fishing tournament will be held between approximate Mile 796.0 and 738.0. Mariners are urged to exercise caution in the area during the event period.

LNM: 16-16

MILE 745.3 - MILE 745.0 - DREDGE OEPRATION

Continuing until approximately May 5, 2016, the M/V PLANT WADE is conducting dredging operations between approximate Miles 745.3 and 745.0. Work will be conducted from 7:00 a.m. until 5:30 p.m., Monday through Thursday. Mariners are requested to pass "on the red side". The M/V PLANT WADE will monitor VHF-FM Channels 13 or 16. Mariners are urged to transit the area with caution.

LNM: 17-16

MILE 732.0 - MILE 731.0 - DREDGE OPERATION - UPDATE

MILE 732.0 - MILE 731.0 - DREDGE OPERATION - UPDATE

Continuing until further notice, the Dredge GOETZ is conducting dredging operations between approximate Miles 732.0 and 731.0. Work will be conducted 24-hours a day, Monday through Friday. The Dredge GOETZ will monitor VHF-FM Channels 13, 16 or 82, for passing arrangements 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: 17-16

MILE 725.9 - BRIDGE MAINTENANCE

Winona Highway Bridge; Two form travelers will be in place until July 2016, with horizontal clearance being reduced to 409 feet. Vertical clearance on the outside edge of the channel will be reduced to 53 feet 8 inches and the center span clearance will not be affected. For additional information mariners may contact the M/V CHARLIE D via VHF-FM Channels 13, 14 or 16 or by phone at (612) 360- 4849.

LNM: 40-15

MILE 714.0 - MILE 648.0 - MARINE EVENT

On May 7, 2016, from 6:00 a.m. until 4:00 p.m., the FLW Outdoors BFL Great Lakes fishing tournament will be held between approximate Miles 714.0 and 648.0. Mariners are urged to exercise caution in the area during the event.

LNM: 17-16

MILE 701.71 - BRIDGE CONSTRUCTION

Dresbach (I-90) Replacement Bridge; Due to deck removal of the old bridge, mariners are requested to give a 2-hour advance notice to move the containment barge by contacting the M/V RUBY BELLE via VHF FM Channels 13 or 19.

LNM: 16-16

MILE 699.7 - TEMPORARY SPECIAL LIGHTED SCIENTIFIC BUOYS

The United States Geological Survey (USGS) has established 2 Temporary Special Lighted Scientific Monitoring Buoys in the Upper Mississippi River near Pool 8 at Mile 699.7. Mariners seeking detailed information regarding these temporary USGS special lighted scientific monitoring buoys may contact the USGS, Mr. Jeff Houser at (608) 781-6262. Mariners are advised to exercise caution in this vicinity and avoid navigating outside of the navigable channel in the area.

LNM: 15-16

MILE 537.81 - BRIDGE CONSTRUCTION

Savanna (US 52) Highway Replacement Bridge; Substructure construction is ongoing in various locations outside of the navigation channel. Vessels are requested to transit the construction site at slowest safe speed. Mariners may contact the onsite work boat M/V MISS KARA via VHF-FM Channels 13 or 16.

LNM: 17-16

MILE 451.2 - AID TO NAVIGATION

A nun buoy has been reported not properly marking the channel, mid-channel, in the vicinity of Mile 451.2. Mariners are urged to exercise caution in the area.

LNM: 13-16

MILE 444.7 - AID TO NAVIGATION - UPDATE

A nun buoy previously reported not properly marking the channel, mid-channel in the vicinity of Mile 444.7, is no longer mid-channel.

LNM: 17-16

MILE 425.4 - CHANNEL CONDITION

Shoaling has been reported in the vicinity of Mile 425.4, extending 200 feet into the channel from the nun buoy line. At flat pool the estimated water depth in the area is 7.3 feet. Mariners are urged to exercise caution in the area.

LNM: 06-16

MILE 397.1 - MILE 397.0 - CHANNEL CONDITION

The channel between approximate Miles 397.1 and 397.0, has been reduced to approximately 225 feet in width. Mariners are urged to favor the center of the channel and transit the area with caution.

LNM: 06-16

MILE 396.0 - DREDGE OPERATION

Continuing until approximately May 10, 2016, dredging operations will be conducted in the vicinity of Mile 396.0, Burlington Island LT. (LLNR 15360). Work will be conducted from 7:00 a.m. until 5:00 p.m., 7-days a week. Mariners are requested to contact the M/V CLINTON or the M/V MUSCATINE via VHF-FM Channels 13, 16 or 82, 30-minutes prior to transiting the area. 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: 17-16

MILE 361.5 - AID TO NAVIGATION

A nun buoy has been reported not properly marking the channel, mid-channel, in the vicinity of Mile 361.5. Mariners are urged to transit the area with caution.

LNM: 17-16

MILE 301.2 - VISIBLE OBSTRUCTION

A tree stump has been reported in the vicinity of Mile 301.2, 500 yards south of L/D 22. The stump is reportedly extending 5 feet above the waters surface. Mariners are urged to exercise caution in the area.

LNM: 13-16

MILE 287.5 - CONSTRUCTION

Continuing until approximately April 2017, Ted Shanks Conservation Area is conducting construction operations in the vicinity of Mile 287.5, RDB. Mariners are requested NOT to hold up in this area while construction is ongoing. Mariners are urged to exercise caution in the area.

LNM: 17-16

MILE 203.0 - CHANNEL CONDITION/AIDS TO NAVIGATION

Due to shoaling in the vicinity of Mile 203.0, there has been a significant change in the navigation channel. Five buoys have been relocated resulting in a channel shift towards the Missouri side of the river. Mariners who are unfamiliar with the area or that have not transited the area recently are urged to exercise caution in the area.

LNM: 09-16

MILE 180.0 - BRIDGE MAINTENANCE

Eads Bridge; A containment system in the Missouri and Illinois spans remains suspended 3 feet below low steel. The containment system in the center span has been raised to 10 inches below low steel.

LNM: 01-16

MILE 162.0 - MILE 161.0 - DIKE/WEIR CONSTRUCTION - UPDATE

Continuing until further notice, dike and weir construction will be conducted between approximate Miles 162.0 and 161.0, along both banks and occasionally inside of the channel. Work will be conducted from 6:30 a.m. until 6:30 p.m., Monday through Saturday. Mariners are requested to contact the M/V JENNY JON or the M/V VICKIE, 30-minutes prior to transiting the area via VHF-FM Channels 13, 16 or 72.

LNM: 17-16

MISSOURI RIVER

MILE 372.6 - BRIDGE CONSTRUCTION

Fairfax Dual Bridge Replacement; Steel erection has commenced on the backside of the left descending navigation channel pier towards the bank. The onsite work boat M/V FRED R. MCKENZIE may be contacted on VHF-FM Channel 13 or phone at (806) 912-7299 for updates, however, no impacts to navigation are anticipated.

LNM: 14-16

MILE 143.9 - BRIDGE MAINTENANCE

Jefferson City Dual Bridge; Due to a containment system in the navigation span, the vertical clearance is reduced to 83.4 feet above zero on the gauge at this bridge.

LNM: 11-16

MONONGAHELA RIVER

MILE 80.0 - AIDS TO NAVIGATION

Three can buoys have been reported missing in the vicinity of Mile 80.0. Mariners are urged to exercise caution in the area.

LNM: 13-16

MILE 2.3 - BRIDGE CONSTRUCTION

Birmingham Bridge; Due to construction, a temporary access platform extends approximately 4 feet below low steel thereby reducing the vertical clearance to 60.8 feet above pool stage.

LNM: 42-14

MILE 1.1 - BRIDGE MAINTENANCE

Liberty Bridge; Due to a containment system in the navigation span, the vertical clearance is reduced to 70.0 feet above pool stage.

LNM: 10-16

OHIO RIVER

MILE 28.0 - BRIDGE MAINTENANCE

Vanport Bridge; Vertical clearance is reduced to 64 feet above normal pool due to a containment system. A safety boat will be on scene monitoring VHF-FM Channels 13 or 16. Mariners are urged to transit the area with caution.

LNM: 11-16

MILE 31.7 - MILE 44.5 - CHANNEL CONDITION - SAFETY ADVISORY

The gate opening at Montgomery Dam, vicinity of Mile 31.7, is greater than 40 feet. Due to reported high water and flow conditions, the COTP Pittsburgh has issued the following Safety Advisory; Exercise caution when transiting under the Newell Highway Bridge, vicinity of Mile 44.5 due to the reported strong set and current in the area. Upbound tow vessels are advised that when performing a set over or knock out, through the Montgomery Locks, to secure the head of their tows to the lock wall using the closest pin possible before the set over or knock out is initiated and ensure that tows are fully secured prior to leaving the vicinity of the locks. Downbound tow vessels performing a double lockage are strongly advised to have a helper boat assist the tows in keeping alongside the guide wall, while entering the lock.

MILE 31.7 - MILE 44.5 - CHANNEL CONDITION - SAFETY ADVISORY

LNM: 16-16

MILE 326.6 - BRIDGE CONSTRUCTION

Ironton-Russell Bridge Replacement Bridge; Construction is ongoing weekdays during daylight hours on the right descending superstructure. The left descending superstructure has been completed. Contact Brayman Construction work boat M/V MARK-A via VHF-FM Channel 13 or the work foreman at cell (412) 292-3219, for additional information.

LNM: 03-16

MILE 341.0 - L/D INTERMITTENT CLOSURES

Continuing until September 30, 2016, the Greenup L/D (main chamber) in the vicinity of Mile 341.0, will be closed for maintenance.

LNM: 14-16

MILE 470.1 - MILE 470.4 - FIREWORKS DISPLAY/SAFETY ZONE/RIVER CLOSURE

On May 6, 2016 and May 20, 2016, from 9:00 p.m., until midnight, both days, the Cincinnati Reds Fireworks Display will be held between approximate Miles 470.1 and 470.4. The COTP Ohio Valley has issued a Safety Zone for this event, extending 500 feet from the Ohio Shoreline. Vessels are prohibited from transiting this area for the duration of the firework displays. For additional information regarding this event, mariners may contact the event manager at (513) 284-2144. The U.S. Coast Guard Sector Ohio Valley is available via VHF-FM Channel 16.

LNM: 17-16

MILE 473.0 - SUBMERGED OBSTRUCTION

A 25-30-foot houseboat has been reported sunk in the vicinity of Mile 473.0, RDB. The vessel is reportedly tied off to the bank. Mariners are urged to exercise caution in the area.

LNM: 16-16

MILE 595.1 - BRIDGE CONSTRUCTION

Proposed New Highway Bridge; Steel erection is ongoing channelward at both the left and right descending navigation piers. On various days during these evolutions, a crane and work barge will be encroaching the navigation channel from 7:00 a.m. until 7:00 p.m. A minimum horizontal clearance of at least 600 feet will be maintained in the navigation span during each segment erection. If an assist is requested through the work site, the onsite work boat, M/V KATHLEEN MARGARET can be reached via VHF-FM Channels 13, 16 or 73. After work hours, the barges will be moved from the navigation channel and a resulting 900-foot horizontal opening will be maintained. Mariners are encouraged to contact the onsite work boat for further information and advised to transit the bridge with caution.

LNM: 43-15

MILE 596.8 - MILE 604.3 - MARINE EVENT/SPECIAL LOCAL REGULATION/RIVER CLOSURE

On May 4, 2016, from 6:00 p.m. until 8:00 p.m., the Great Steamboat Race will be held between approximate Miles 596.8 and 604.3. The COTP Ohio Valley has established a safety Zone for this event. No vessel may enter or transit this zone without the approval of the on-scene Coast Guard Patrol Commander. The patrol commander will monitor VHF-FM Channel 16.

LNM: 17-16

MILE 602.0 - MILE 603.5 - MARINE EVENT/SAFETY ZONE/RIVER CLOSURE

On May 30, 2016, from 9:30 a.m. until 12:30 p.m., the Mayors Hike, Bike and Paddle marine event will be held between approximate Miles 602.0 and 603.5. The COTP Ohio Valley has established a Safety Zone for this event. All vessels are prohibited from transiting this area unless specifically authorized by the COTP Ohio Valley or a designated representative. The U.S. Coast Guard Sector Ohio Valley will be monitoring VHF-FM Channel 16. For up-to-date information, mariners can contact the event manager at (502) 767-2255.

LNM: 17-16

MILE 723.7 - BRIDGE MAINTENANCE

Lincoln Trails Bridge; Vertical clearance is reduced to 84 feet above pool stage due to containment system. At times, pier work will be conducted from floating workplant located downstream of the channel piers, if necessary workplant will move on 1 hour advance notice by contacting "OCCI Workboat" via VHF-FM Channels 13 or 16, or by phone at (573) 220-5133.

LNM: 04-16

MILE 934.5 - AID TO NAVIGATION

A can buoy has been reported not properly marking the channel in the vicinity of Mile 934.5, mouth of the Tennessee River. Mariners are urged to transit the area with caution.

LNM: 16-16

MILE 935.0 - CONSTRUCTION OPERATION

Continuing until approximately April 30, 2016, construction operations will be conducted in the vicinity of Mile 935.0, LDB. The contractors floating plant will consist of the M/V BRANDY AUDREY, M/V LAURA JANE, a crane barge and 2 deck barges. Work will be conducted Monday through Friday, during daylight hours. During non-working hours, the contractors floating plant will be moored at the worksite. Mariners may contact Mr. Peter Serodino at (423) 266-1855, for additional information. Mariners are urged to exercise caution in the area.

LNM: 07-16

MILE 940.8 - BRIDGE MAINTENANCE

MILE 940.8 - BRIDGE MAINTENANCE

I-24 Highway Bridge; At times work barges may be located channelward adjacent to the navigation piers in both the Illinois and Kentucky spans. Work barges will be removed each night. For more information, mariners may contact the onsite work boat M/V SIR KETTLEWELL via VHF-FM Channel 68 or by calling (314) 607-1699.

LNM: 33-15

MILE 953.0 - MILE 968.0 - L/D REPAIRS/TOW RESTRICTIONS

Beginning April 15, 2016, the Olmsted Project in the vicinity of Mile 964.4, will reduce the established navigation channel to 900 feet. During this period a helper boat will not be available. However, a fleet watch boat will be onsite 24-hours a day to respond to emergencies. The following USACE restrictions remain in effect: Mariners MUST check in with the Olmsted Lockmaster at the approach points at Miles 953.0 and 968.0, via VHF-FM Channel 13, for clearance to continue to proceed towards the project. Vessel tow configurations are limited to the maximum dimensions of 15 barges in a 3 by 5 configuration downbound and 24 barges in a 4 by 6 configuration upbound with no hip barges or other configurations that could degrade normal steerage. There is no passing, meeting, overtaking or waiting/hovering from Mile 962.0 to Mile 966.0. Mariners MUST proceed at their slowest safe speed as the wind and current conditions allow, to minimize their wake.

LNM: 16-16

RED RIVER

MILE 222.5 - BRIDGE MAINTENANCE

LA 511 Highway Bridge; Due to a containment system, vertical clearance below low steel is reduced by 8 feet. Mariners are urged to exercise caution in the area.

LNM: 44-15

MILE 200.0 - L/D CLOSURE - UPDATE

The Joe D. Waggoner Jr. L/D in the vicinity of Mile 200.0 previously closed due to shoaling at the approach, has reopened.

LNM: 17-16

MILE 88.6 - BRIDGE NOTICE

Jackson Street Drawbridge; Mariners requesting an opening through the drawbridge are now required to give two hours advance notice versus eight hours notice for an opening. The two hour notice requirement will be in effect through midnight, April 30, 2016.

LNM: 14-16

TENNESSEE-TOMBIGBEE WATERWAY

MILE 386.6 - DREDGE OPERATION

Continuing until further notice, the Dredge EDWARD G and associated plant is conducting dredging operations in the vicinity of Mile 386.6. Work will be conducted 24-hours a day, 7-days a week. The Dredge EDWARD G will monitor VHF-FM Channels 16. Mariners are urged to transit the area at their slowest safe speed and proceed with caution.

LNM: 16-16

TENNESSEE RIVER

MILE 601.8 - BRIDGE CONSTRUCTION

State Route 73 Highway Replacement Bridge; Cofferdam construction continues during daylight hours, on the right descending navigation pier with a crane barge encroaching approximately 20 feet into the navigation channel. A 470-foot navigational channel opening will be maintained during construction. For additional information, mariners may contact the work crew at (865) 680-5787 or (865) 640-5924 or the onsite workboat M/V LILA BLANCH via VHF-FM Channel 16 or by cell phone at (865) 680-3682.

LNM: 04-15

MILE 471.0 - L/D INTERMITTENT DELAYS

Attached as an enclosure to this LNM is USACE Nashville District Notice to Navigation Interest LRN 16-05-2, concerning intermittent delays at the Chickamauga L/D, in the vicinity of Mile 471.0.

LNM: 15-16

MILE 471.0 - L/D COFFERDAM STABILIZATION

Attached as an enclosure to this LNM is USACE Nashville District Notice to Navigation Interest LRN 16-10, concerning cofferdam stabilization at the Chickamauga L/D, in the vicinity of Mile 471.0.

LNM: 13-16

MILE 385.9 - BRIDGE DEMOLITION

B.B. Comer Dual Bridge; Demolition work is ongoing from a floating workplant from 7:00 a.m. until 7:00 p.m., Monday through Saturday. At times the workplant will be temporarily spudded in the navigation channel, but will move on 30-minutes advance notice by contacting M/V CAPTAIN TODD via VHF-FM Channels 9 or 16, or telephone (850) 855-1657. Vessels are requested to transit the demolition site at slowest safe speed.

LNM: 17-16

MILE 209.0 - MOORING CELL

The upstream mooring cell in the vicinity of Mile 209.0, is damaged and unusable. Attached is a USACE Nashville District Notice to Navigation Interests LRN 16-12, regarding this issue.

LNM: 13-16

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
5935	Elgin Joliet and Eastern Railroad Drawbridge	290.1				CLEARANCES: 17/16 Horizontal, 225.0 feet; vertical, closed, 24.6 feet, open, 51.4 feet above pool stage. CALL SIGN: WHX 746, channels 13 and 16. If unable to reach dispatcher via radio, mariners may call dispatcher directly via phone at (708) 332-3525, for an opening.
21000	Bates Daybeacon	93.7	Right		CNG SG	* 17/16

*

ENCLOSURES

USACE Tulsa District Navigation Notice 2016-6

Tulsa Youth Rowing Association and Tulsa University rowing events.

LNM: 13-16

USACE Nashville District Notice to Navigation Interests 16-02

Oak Ridge Rowing Association 2016 schedule.

LNM: 05-16

USACE Nashville District Notice to Navigation Interest LRN 16-05-2

Intermittent delays at the Chickamauga L/D.

LNM: 15-16

USACE Nashville District Notice to Navigation Interest LRN 16-10

Cofferdam stabilization at the Chickamauga L/D.

LNM: 13-16

USACE Nashville District Notice to Navigation Interests LRN 16-12

Upstream mooring cell damaged and unusable.

LNM: 13-16

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 Callahan

Navigation Notice

McClellan-Kerr Arkansas River Navigation System



U.S. Army Corps
of Engineers

Tulsa District

Navigation Notice Number:
TD 2016-6

Date:
21 March 2016

In Reply Refer to: CESWT-OD-TC
1645 S. 101st E. Ave.
Tulsa, OK 74128-4609

NOTICE OF "SMALL CRAFTS"

USE CAUTION WHEN TRANSITING NM 436.6 to NM 444.8

McCLELLAN-KERR ARKANSAS RIVER NAVIGATION SYSTEM, OKLAHOMA

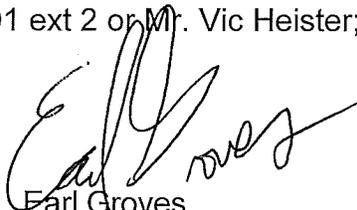
The Tulsa Youth Rowing Association and Tulsa University have rowing teams that operate seasonally on the navigation channel between NM436.6 and the Head of Navigation at NM444.8. These rowing crews are on the water for practice periods daily on weekdays from 0530 to 0900 and 1530 to 1830, and Saturdays from 0600 to 1130 during the months March thru 05 June 2016.

Throughout the year they also hold racing events which result in a larger number of these small craft in a concentrated area within the navigation channel. Approximate location, the 2000 meter race course is marked between NM443 (just below I-40 Bridge) and NM444.2 (just below Hwy 66 Bridge). Safety Launches monitor channel 16 closely for barge traffic moving into the area and suspend racing anytime a tow is visible, all rowing crews move to the shore and wait for the vessel to pass safely.

Mariners are advised to use extreme caution when transiting this area during the event dates listed below:

Race event (Tulsa vs MIT and Creighton)	Saturday 26 March 2016 from 0800-1100
Lawless Cup (Tulsa vs SMU and UCO)	Saturday 16 April 2016 from 0900-1100
Route 66 Regatta (Tulsa Youth Rowing)	Saturday 22 April 2016 from 0800-1700
Stone Family Cup (Tulsa vs Oklahoma)	Saturday 30 April 2016 from 0900-1100

Waterway users are asked to check with Newt Graham Lock and Dam 18 for the latest information concerning these events at 543-2216 ext 1. Questions or requests for additional information concerning this notice should be directed to Mr. Kenneth Todd; Navigation Operations Manager: 918-687-4501 ext 2 or Mr. Vic Heister; Navigation Field Engineer: 918-669-7244.


Earl Groves
Chief, Operations Division



**US Army Corps
of Engineers**
Nashville District

NOTICE TO NAVIGATION INTERESTS

EFFECTIVE: 1 February – 31 October 2016

NAVIGATION NOTICE NO.: 5865

LOCAL NOTICE NO.: CELRN-OP-N 16-02

DATE: 1 February 2016

POC:

Sarah McAuliffe
Regatta Director
Oak Ridge Rowing Association
(508) 488-0868

ATTN: CELRN-DE
110 9TH AVENUE SOUTH
NASHVILLE TN 37203-3863

OAK RIDGE ROWING ASSOCIATION 2016 SCHEDULE

Clinch River Mile 49-52 (Tennessee River Basin)

The Oak Ridge Rowing Association anticipates the following schedule of events for the 2016 season. This is to notify interested parties of the safety concerns with operations of power water craft in the proximity of the low profile, slow moving craft used in preparation for and during rowing events. All operators of water borne vessels are asked to exercise extreme caution when transiting this area during these events.

<u>Date</u>	<u>Event</u>	<u>Date</u>	<u>Event</u>
February	Initial Course Survey and Setup Teams Spring Training	May 1	University of Tennessee Scrimmage
March	Installation of lane cable Course survey and adjustment	May 14-15	Big 12 Championship Regatta
March 5	University of Tennessee Scrimmage	May 21	Dogwood Masters Regatta
March 12-13	Louisville Cardinal Invitational Regatta	May	Spring Season Start Platforms Removed
March 19	University of Tennessee Scrimmage	June	Spring Season lateral cross-cables, lane lines and course buoys removed
April 16-17	SIRA Championship Regatta	October	Fall Season course buoys installed
April 23	Tennessee Sprints Regatta	October 22	Secret City Head Race
April 30 – May 1	Dogwood Juniors Regatta	October 29	Course buoys removed

***Schedule subject to change

FOR THE DISTRICT ENGINEER:

////original signed/////

JOHN D. TRIBBLE, JR
Chief, Navigation Section
Technical Services Branch

JKS



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of Engineers®
Nashville District

NOTICE TO NAVIGATION INTERESTS

EFFECTIVE: 18 April – 14 May, 2016

POC:
Chris M. Clabough
Chickamauga Lock
(423) 875-6230

NAVIGATION NOTICE NO.: 5968-2 (6159)

LOCAL NOTICE NO.: LRN 16-05-2

DATE: 12 April 2016

ATTN: CELRN-DE
110 9TH AVENUE SOUTH
NASHVILLE TN 37203-3863

CHANGE TO SCHEDULE 2 INTERMITTENT DELAYS CHICKAMAUGA LOCK TENNESSEE RIVER MILE 471.0

Crews will be conducting routine maintenance within the lock chamber at Chickamauga Lock during the following dates:

~~March 28-31, 2016 (CANCELED)~~

~~April 04-07, 2016 (CANCELED)~~

~~April 11-14, 2016 (CANCELED)~~

April 18-20, 2016

April 25-27, 2016

May 01-05, 2016

May 09-12, 2016 (ADD)

During these work periods, the lock will be closed to all traffic from 0700 to 1730 each day. The tow haulage unit will be out of service for the duration of all work from 18 April through 12 May, 2016

During non-working hours tow boats and barges will have to traverse the lock under power. Boats are advised to moor on the landside wall while navigating through the lock chamber throughout the mentioned above dates.

There is no auxiliary lock at this location.

FOR THE DISTRICT ENGINEER:

///original signed///
John D Tribble, Jr.
Chief, Navigation Branch
Operations Division

JKS



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Nashville District

NOTICE TO NAVIGATION INTERESTS

EFFECTIVE: 28 March – 31 August 2016

POC:

Rexford Smith
(865) 227-2062
rexford.w.smith@usace.army.mil

NAVIGATION NOTICE NO.: 6095

LOCAL NOTICE NO.: LRN 16-10

DATE: 24 March 2016

ATTN: CELRN-DE
110 9TH AVENUE SOUTH
NASHVILLE TN 37203-3863

COFFERDAM STABILIZATION CHICKAMAUGA LOCK TENNESSEE RIVER MILE 471.0

Rembco Geotechnical Contractors, Inc., will begin work on the lower approach cofferdams for the Chickamauga Lock Replacement Project from 28 March, 2016 to 31 August, 2016.

Rembco will be using three barges, one push boat, and one water taxi in the construction. No modifications or restrictions will be placed in the navigation channel. All mooring lines and barges will remain clear of the navigation channel at all times unless traversing to the shore during a coordinated move. Please see attached movement and work plan for detailed information.

FOR THE DISTRICT ENGINEER:

John D. Tribble, Jr.
Chief, Navigation Branch
Operations Division

JKS

Attachments:

- 1 – Contractors Movement and Work Plan
- 2 - Overall site drawing

CONTRACTORS MOVEMENT AND WORK PLAN

- Adequate planning and communication between the Site Superintendent and the Lockmaster shall ensure that the execution of work will not impede navigation through the project site.
- No modifications or restrictions will be placed in the navigation channel. All mooring lines and barges will remain clear of the navigation channel at all times unless traversing to the shore during a coordinated move.
- No cofferdams, camels, fender piles, dredging equipment, scows, and conveyors are planned for use during the work. The only support vessels to be used are the water taxi and the twin-screw push boat.
- Barge traffic back and forth from land will coordinate movements with the lockmaster prior to each crossing of the navigation channel.
- Movement of the water taxi will be coordinated with the lockmaster to avoid impeding navigation.
- The crane barge will remain on station clear of the navigation channel day and night. The crane boom will be secured clear of the navigation channel during non-working hours.
- The ferry barge and push boat will be moored during non-working hours as shown in attached drawing. Work on site is day-shift only.
- Ferry barge shall have solar d-beacon 6 series navigation lights positioned according to the rules of navigation rule 30(j)
- A warning sign approximately 2' x 3' shall be placed near the boat ramp to warn mariners that they are approaching a construction area.
- Typical work hours are Monday through Friday, 7am to 7pm with occasional weekend work.



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Nashville District

NOTICE TO NAVIGATION INTERESTS

EFFECTIVE: IMMEDIATELY

POC:

**Donald Dean
Middle Tennessee River Area
256-247-3311**

NAVIGATION NOTICE NO.: 6108

LOCAL NOTICE NO.: LRN 16-12

DATE: 28 March 2016

ATTN: CELRN-DE
110 9TH AVENUE SOUTH
NASHVILLE TN 37203-3863

DAMAGED FEDERAL MOORING CELL TENNESSEE RIVER MILE 209.0

The upstream federal mooring cell located at Tennessee River Mile 209.0 received significant damaged due to a collision occurring on or about 19 Feb, 2016. Inspectors have determined the structure is unusable at this time and plans are in progress to repair the damage.

Mariners are prohibited from mooring to this structure until the damage has been repaired.

FOR THE DISTRICT ENGINEER:

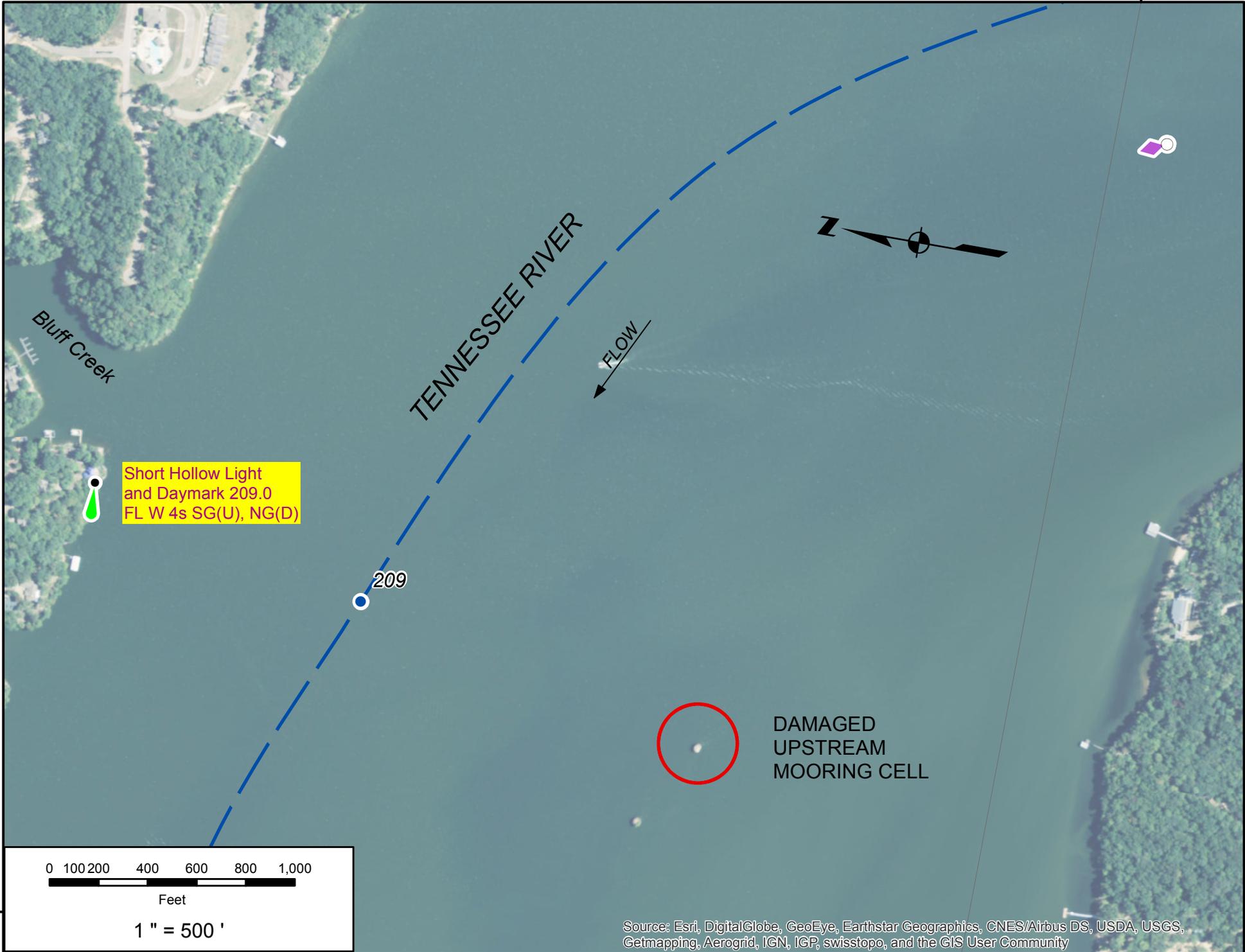
////original signed////

John D. Tribble, Jr.
Chief, Navigation Branch
Operations Division

JKS

Attachment 1: Area Map

35°4'N



0 100 200 400 600 800 1,000

Feet

1" = 500'

88°13'W

35°4'N

Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, Getmapping, Aerogrid, IGN, IGP, swisstopo, and the GIS User Community