



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

LOCAL NOTICE TO MARINERS

District 8 MRS

Week: 25/16

Mississippi River System

LIGHT LIST VOLUME V
NOTICE NUMBER 25-16
June 22, 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	0278 - 16 (UM)	0289 - 16 (UM)
Sector Lower Mississippi River	0266 - 16 (LM)	0269 - 16 (LM)
Sector Ohio Valley	0197 - 16 (OV)	0207 - 16 (OV)
OB DWB	0106 - 16 (OB)	0111 - 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_jttfs, 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 - HARTSVILLE, TENNESSEE

The Hartsville, Tennessee, DGPS Site will be off-air for maintenance from 1400Z, until 1600Z, August 11, 2016. The alternate time is from 1400Z until 1600Z, August 12, 2016.

LNM: 25-16

GPS TESTING - MUSCATATUCK, INDIANA

Continuing until June 28, 2016, from 0300Z until 0900Z, each day, GPS testing will be conducted at Muscatatuck, Indiana. The center of the testing is approximate position 39-03-54.42N 085-33-20.88W. The estimated impact radius is approximately 26 miles. Mariners using systems that rely on GPS, such as L1 and L2 may be affected and are advised that the GPS signal in the impact area may not be reliable during the test periods. During these periods, GPS users are encouraged to report any GPS service outages that they may experience during the testing, via the Navigation Information Service (NIS) by calling (703) 313-5900 or by using the NAVCEN Website's GPS report a problem worksheet at www.navcen.uscg.gov.

LNM: 24-16

GPS TESTING - MUSCATATUCK, INDIANA

Continuing until June 26, 2016, from 1300Z until 1800Z, each day, GPS testing will be conducted at Muscatatuck, Indiana. The center of the testing is approximate position 39-03-34.92N 085-33-47.76W. The estimated impact radius is approximately 6 miles. Mariners using systems that rely on GPS, such as L1 and L2 may be affected and are advised that the GPS signal in the impact area may not be reliable during the test periods. During these periods, GPS users are encouraged to report any GPS service outages that they may experience during the testing, via the Navigation Information Service (NIS) by calling (703) 313-5900 or by using the NAVCEN Website's GPS report a problem worksheet at www.navcen.uscg.gov.

LNM: 24-16

DGPS UNUSABLE TIME - DANDRIDGE, TENNESSEE

The Dandridge, Tennessee, DGPS Site will be unusable from 1300Z until 1500Z, August 8, 2016. The alternate times are 1300Z until 1500Z, August 9, 2016.

LNM: 25-16

UPPER MISSISSIPPI RIVER - TEMPORARY VIRTUAL DOCKS - USER FEEDBACK

A virtual dock for the Red Wing Riverboat Dock Project in the vicinity of Mile 791.0, RDB, is currently displayed on updated USACE St. Paul District Electronic Charts. The U.S. Coast Guard is asking for feedback from all pilots transiting the area as it relates to safe navigation. Feedback is requested no later than June 28, 2016, to SUMRWaterways@uscg.mil.

LNM: 22-16

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	
1213	Non Lateral Mark 330.4	STRUCT DEST		0087LM	05/16	
1220	Onion Creek 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	
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	
6330	Lewis Daybeacon	STRUCT DEST		0214UM	19/16	
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	
7230	Pekin Bridge Daybeacon	STRUCT DEST		0233UM	21/16	
7365	Copperas Creek Lock Light	STRUCT DEST		0283UM	25/16	
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
9690	Milton Bell Light	LT EXT	0172OV	22/16
9820	Stewart Bar Light	DAYMK DMGD	0229LM	19/16
9850	Murphy Smith Light	STRUCT DEST	0303LM	40/15
9935	Bader Light	LT EXT	0365LM	44/15
10000	Nebraska Point Light	LT EXT	0254LM	22/16
10045	Roosevelt Light	STRUCT DEST	0063LM	04/16
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
11105	Island 88 Bar Light	LT EXT	0251LM	22/16
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	0244LM	21/16
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
11395	Cypress Bunch Light	LT EXT/DAYMK DMGD	0225LM	18/16
11470	Grand Gulf Island Light	STRUCT DEST	0140LM	23/15
11505	Old Levee Light	LT EXT	0405LM	51/15
11550	Natchez Beam Light	LT EXT	0269LM	25/16
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
12780	Maiden Rock Light	LT IMCH	0289LM	25/16
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
15360	Burlington Island Light	STRUCT DEST	0204UM	18/16
16060	Elswood Daybeacon	STRUCT DEST	0090UM	10/16
16135	Mccann Landing Light	LT EXT	0203UM	18/16
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
23245	Newell Light	STRUCT DEST/TRUB	0557OV	42/15
24705	Campaign Bend Light	LT EXT	0200OV	25/16
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
9045	Two Mile Daybeacon	REBUILT/RECOVERED			25/16	25/16

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
16100	Jersey County Grain Dock Lights (2)	LT EXT		19/16
16205	Piasa Harbor Light	LT EXT	0131-15 UM	22/15
16215	Commodore Meyer Light	LT EXT		21/16
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
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
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
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
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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
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

<u>Approved Project(s)</u>	<u>Project Date</u>	<u>Ref. LNM</u>
None		

Advance Notice(s)

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 June 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

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

Proposed Change Notice(s)

COMMENTS TO BE RECEIVED BY July 26, 2016

TENNESSEE RIVER

Discontinue Lehman's Bluff DBN (LLNR-31645) at mile 330, Right Descending Bank.

LNM: 08-16-45D

COMMENTS TO BE RECEIVED BY July 26, 2016**TENNESSEE RIVER**

Discontinue Sheffield Cut DBN (LLNR-31972) at mile 253.6, Left Descending Bank.

LNM: 08-16-46D

COMMENTS TO BE RECEIVED BY July 26, 2016**TENNESSEE RIVER**

Discontinue Little Cedar Mountain Light (LLNR-31280) at mile 426.9, Right Descending Bank.

LNM: 08-16-47D

COMMENTS TO BE RECEIVED BY July 26, 2016**LOWER MISSISSIPPI RIVER**

Discontinue Driver Upper LT (LLNR-10120) at mile 782.2, Right Descending Bank.

Discontinue Vice President LT (LLNR-10335) at mile 731.5, Left Descending Bank.

Discontinue Roosevelt LT (LLNR-10045) at mile 802.1, Left Descending Bank.

Discontinue Kate Aubrey Towhead LT (LLNR-10075) at mile 789.5, Right Descending Bank.

Discontinue Island 26 LT (LLNR-10050) at mile 799, Right Descending Bank.

LNM: 08-16-42D

COMMENTS TO BE RECEIVED BY July 26, 2016**MISSISSIPPI RIVER**

Discontinue I-10 Approach Buoy F (LLNR 15360) at mile 229.3, change to virtual ATON signal (AIS).

LNM: 08-16-48D

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 0.5 - MILE 0.0 - FIREWORKS DISPLAY/RIVER CLOSURE**

On July 4, 2016, from 8:30 p.m. until 10:30 p.m., the Pittsburgh 4th of July Celebration will be held between approximate Miles 0.5 and 0.0. This is a barge based display. The U.S. Coast Guard MSU Pittsburgh has closed the river to facilitate this event.

LNM: 25-16

ARKANSAS RIVER**MILE 435.8 - DREDGE OPERATION**

Continuing until further notice, the Big River Dredge will conduct dredging operations in the vicinity of Mile 435.8, at the oxbow. During the first week of startup, dredge pipe will be in the sail line. Dredge pipe will not be crossing the river, but will be looped into the channel. Once dredging has progressed 200 feet into the oxbow, dredge pipe will no longer be in the sail line. The dredge contractor will monitor VHF-FM Channel 16. 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. Mariners are asked to check with L/D 18 at (918) 543-2216, for the latest information.

LNM: 25-16

MILE 340.0 - SUNKEN VESSEL

A sunken sailboat has been reported in the vicinity of Mile 340.0, approximately 50 feet inside of the can buoy line. The vessel is not reportedly marked. Mariners are urged to exercise caution in the area.

LNM: 19-16

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.

MILE 205.5 - L/D DELAYS

LNM: 10-16

MILE 120.0 - MILE 118.0 - BANK STABILIZATION

Continuing until approximately June 28, 2016, bank stabilization operations will be conducted in the vicinity of Mile 119.2, RDB. Work will be conducted during daylight hours. When approaching Mile 120.0 and 118.0, down bound and up bound vessels are requested to contact the M/V RAY PENSRUN and/or the M/V JESS WOOLRIDGE via VHF-FM Channel 16, for passing information. Mariners are requested to transit the area at their slowest safe speed to minimize their wake. Mariners may contact USACE Little Rock District Office, Mr. James McKinnie at (501) 324-5739 or (501) 324-5096, for additional information.

LNM: 23-16

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 PENSRUM via VHF-FM Channels 13 or 16, for more information. No impacts to navigation are anticipated.

LNM: 50-15

MILE 108.1 - L/D TOW HAULAGE - UPDATE

The tow haulage unit at the David D. Terry L/D (No. 6) has returned to service.

LNM: 25-16

BLACK WARRIOR RIVER - TOMBIGBEE WATERWAY

MILE 261.1 - L/D CLOSURE

Commencing July 6, 2016 and continuing until August 6, 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: 20-16

CLINCH RIVER

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

MILE 2.0 - MILE 0.0 - MARINE EVENT

Commencing June 29, 2016 and continuing until July 4, 2016, from 10:00 a.m. until 6:00 p.m., each day, the Smokin' the Water APBA Boat Races will be held between approximate Miles 2.0 and 0.0. Mariners are urged to transit the area with caution during the event periods and to be alert for increased recreational traffic. For further information, contact the event manager at (865) 388-4511.

LNM: 24-16

MILE 2.0 - MILE 0.0 - MARINE EVENT/FIREWORKS DISPLAY

On July 4, 2016, from 3:00 p.m. until 4:00 p.m., the Smokin' the Water marine event will be held between approximate Miles 2.0 and 0.0. A fireworks display will be held from 9:30 p.m. until 10:30 p.m. Mariners are urged to transit the area with caution during the event and to be alert for increased recreational traffic. For further information, contact the event manager at (865) 388-4511.

LNM: 24-16

CUMBERLAND RIVER

MILE 233.5 - FIREWORKS DISPLAY

On July 2, 2016, from 9:00 p.m. until 9:30 p.m., the Cedar Creek Yacht Club Fireworks Display will be held in the vicinity of Mile 233.5. Mariners are urged to exercise caution when transiting the area due to an anticipated increase in recreational traffic.

LNM: 24-16

MILE 192.0 - MILE 190.0 - FIREWORKS DISPLAY/SAFETY ZONE/RIVER CLOSURE

On July 4, 2016, from 9:00 p.m. until 10:00 p.m., the Nashville Music City July 4th fireworks display will be held between approximate Miles 192.0 and 190.0. The COTP Ohio Valley has established a Safety Zone for this event. No vessels will be allowed to transit between Mile 192.0 and 190.0, without the permission of the COTP Ohio Valley or a designated representative. The U.S. Coast Guard Sector Ohio Valley will monitor VHF-FM Channel 16, during the event. For further information, contact the event manager at (615) 260-3176.

LNM: 24-16

MILE 129.0 - MILE 127.0 - FIREWORKS DISPLAY/SAFETY ZONE/RIVER CLOSURE

On July 3, 2016, from 9:00 p.m. until 9:45 p.m., the Clarksville Independence Day fireworks display will be between approximate Miles 129.0 and 127.0. The COTP Ohio Valley has established a Safety Zone for this event. No vessels will be allowed to transit this area during the event period without the permission of the COTP Ohio Valley or a designated representative. Mariners may contact the event manager at (931) 338-3808, for additional information.

LNM: 25-16

MILE 126.0 - MARINE EVENT

MILE 126.0 - MARINE EVENT

On July 16, 2016, from 8:00 a.m. until 10:30 a.m., the Rally on the Cumberland marine event will be held in the vicinity of Mile 126.0. Mariners are urged to exercise caution in the area during the event period due to an anticipated increase in recreational traffic. Mariners may contact the event manager at (931) 320-0093, for additional information.

LNM: 25-16

MILE 105.0 - MILE 103.0 - MARINE EVENT/FIREWORKS DISPLAY/SAFETY ZONE/RIVER CLOSURE

On July 2, 2016, from 9:00 p.m. until 9:45 p.m., the Lighting up the Cumberland marine event and fireworks display will be held between approximate Miles 105.0 and 103.0. The COTP Ohio Valley has established a Safety Zone for these events. No vessels will be allowed to transit this area without the permission of the COTP Ohio Valley or a designated representative. The U.S. Coast Guard Sector Ohio Valley will monitor VHF-FM Channel 16, during the events. Mariners may contact the event manager at (913) 627-5454, for additional information.

LNM: 24-16

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

MILE 46.4

EDDY BAY - SHORESIDE FESTIVAL/FIREWORKS DISPLAY

On July 2, 2016, from 5:00 p.m. until 12:00 p.m., the Lake Barkley Tourist Commission will host a festival and fireworks display in Eddy Bay, a sheltered bay adjacent to Mile 46.4. Mariners are urged to exercise caution in the area during the event period due to an anticipated increase in recreational traffic. The U.S. Coast Guard has created a Special Local Regulation for this event and will have a patrol commander on scene. The Patrol Commander may be contacted on VHF-FM Channel 16, during the event.

LNM: 24-16

MILE 43.0 - AIDS TO NAVIGATION

Two can buoys have been reported missing and a nun buoy has been reported not properly marking the channel in the vicinity of Mile 43.0. Mariners are urged to exercise caution in the area.

LNM: 21-16

ILLINOIS WATERWAY

MILE 218.4 - BRIDGE CONSTRUCTION

Spring Valley Bridge; Due to cofferdam construction in the left descending channel, the navigation channel will be reduced to 306 feet, from 6:00 a.m. until 6:00 p.m., until July 15, 2016. For additional information mariners may contact the M/V RIVER DOCKS 1 via VHF-FM Channels 13 or 16 or the site supervisor at (630) 450-0951.

LNM: 23-16

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 July 1, 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: 23-16

MILE 71.3 - BRIDGE REPLACEMENT

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

MILE 1.5 - MILE 0.5 - FIREWORKS DISPLAY/SAFETY ZONE/RIVER CLOSURE

On July 2, 2016, from 9:00 p.m. until 9:30 p.m., the Grafton Chamber 4th of July Fireworks display will be held between Miles 1.5 and 0.5. The COTP Upper Mississippi River has established a Safety Zone closing the river to facilitate this event.

LNM: 25-16

KANAWHA RIVER

MILE 82.8 - L/D REPAIR

Continuing until approximately September 10, 2016, repair work to replace lockwall ladders will be conducted at the London L/D in the vicinity of Mile 82.8. Work will be conducted from 6:30 a.m. until 4:30 p.m., Monday through Thursday. The contractors floating plant will consist of the M/V

**KANAWHA RIVER
MILE 82.8 - L/D REPAIR**

TOM COOK, a barge mounted crane and a material barge. The M/V TOM COOK will monitor VHF-FM Channels 13 or 16. This work will begin on the land chamber first, and then move to the river chamber. During working hours, 1 chamber will be available to pass traffic. During non-working hours, the contractors floating plant will be moored onsite and the river chamber will be available to pass traffic, unless circumstances dictate otherwise. In that event, the land chamber will be available to pass traffic. 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: 23-16

MILE 51.7 - BOAT DOCK INSTALLATION

Commencing approximately June 23, 2016 and continuing until approximately July 1, 2016, ABC Corp., will install a recreational boat ramp in the vicinity of Mile 51.7, RDB. The contractors floating plant will consist of the M/V SAM S, a crane barge and a material barge. Work will be conducted from 7:00 a.m. until 4:00 p.m., Monday through Friday. During non working hours, the contractors floating plant will be moored at the worksite and lighted accordingly. The M/V SAM S will monitor VHF-FM Channels 13 or 16. Mariners are urged to transit the area at their slowest safe speed to minimize their wake and proceed with caution.

LNM: 24-16

MILE 47.3 - MILE 46.3 - FIREWORKS DISPLAY/SAFETY ZONE/RIVER CLOSURE

On June 25, 2015, from 9:15 p.m. until 10:05 p.m., the St. Albans Riverfest Fireworks Display will be held between approximate Miles 47.3 and 46.3. The COTP Ohio Valley has established a Safety Zone for this event. Entry into this Safety Zone is prohibited to all vessels unless otherwise authorized by the on-scene U.S. Coast Guard representative.

LNM: 25-16

MILE 41.0 - BANK PROTECTION

Commencing approximately June 23, 2016 and continuing until approximately August 1, 2016, Amherst Madison will be conducting bank protection operations in the vicinity of Mile 41.0, RDB. The contractors floating plant will consist of the M/V LADY LOIS, a crane barge and a material barge. Work will be conducted from 7:00 a.m., until 5:00 p.m., Monday through Friday. During non-working hours, the contractors floating plant will be moored at the worksite and lighted accordingly. The M/V LADY LOIS will monitor VHF-FM Channels 13 and 16. Mariners are urged to transit the area at their slowest safe speed to minimize their wake and proceed with caution.

LNM: 24-16

MILE 31.1 - DREDGE OPERATION

Commencing approximately June 25, 2016 and continuing until approximately June 28, 2016, the Dredge BILL HOLMAN will conduct dredging operations in the vicinity of Mile 31.1, lower approach to Winfield L/D. Work will be conducted 24-hours a day, 7-days a week. The Dredge BILL HOLMAN will monitor VHF-FM Channel 13. It is essential that mariners await the passing signal from the dredge and to remain alert for the dredge and its floating discharge line. 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: 24-16

**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.

LNM: 41-15

**LOWER MISSISSIPPI RIVER
MILE 922.0 - HICKMAN HARBOR - FIREWORKS DISPLAY/SAFETY ZONE**

On July 4, 2016, from 9:00 p.m. until 9:30 p.m., the Hickman 4th of July fireworks display will be held in Hickman Harbor, a protected harbor adjacent to Mile 922.0. The COTP Ohio Valley has issued a Safety Zone for this event. No vessels will be allowed to transit this Safety Zone without the permission of the U.S. Coast Guard Patrol Commander. The patrol commander will monitor VHF-FM Channel 16, during the event.

LNM: 24-16

MILE 725.5 - McKELLAR LAKE - DREDGE OPERATION

Continuing until further notice, the Dredge INTEGRITY will be conducting dredging operations in the vicinity of Mile 725.5, McKellar Lake. Work will be conducted 24-hours a day, 7-days a week and the navigation channel will be reduced to approximately 100-feet in width. Mariners are urged to contact the Dredge INTEGRITY via VHF-FM Channels 16 or 69, in advance of their arrival to make passing arrangements. Tows wider than single wide will be passed at noon and midnight, each day. Mariners are urged to exercise caution in the area.

LNM: 23-16

MILE 725.0 - McKELLAR LAKE - SEWAGE SPILL/WATER QUALITY

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 649.0 - AID TO NAVIGATION

A can buoy marking a dike has been reported diving in the vicinity of Mile 649.0, Kangaroo Ledge. Mariners are urged to exercise caution in the area.

LNM: 23-16

MILE 723.3 - DREDGE OPERATION

Continuing until further notice, the M/V ANGELA K is conducting dredging operations in the vicinity of Mile 723.3. Work will be conducted from 6:00 a.m. until 2:00 p.m., Monday through Thursday. The M/V ANGELA K will monitor VHF-FM Channels 13 or 16 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: 25-16

MILE 612.0 - MILE 610.0 - AIDS TO NAVIGATION

Multiple can buoys have been reported missing between approximate Miles 612.0 and 610.0. Mariners are urged to exercise caution in the area.

LNM: 24-16

MILE 595.0 - MILE 594.0 - DREDGE OPERATION

Continuing until approximately June 24, 2016, the Dredge HURLEY is conducting dredging operations between approximate Mile 595.0 and 594.0, Victoria Bend. Work will be conducted 7-days a week, 24-hours a day. The Dredge HURLEY will monitor VHF-FM Channels 13 or 16. Mariners are requested to contact the Dredge HURLEY, in advance of their arrival, for passage arrangements. 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: 25-16

MILE 482.5 - CHANNEL CONDITION/AIDS TO NAVIGATION

The U.S. Coast Guard has set 3 can buoys in the vicinity of Mile 482.5, to mark a 10-foot hump. Mariners are urged to exercise caution in the area.

LNM: 25-16

UPPER MISSISSIPPI RIVER

MILE 866.0 - MILE 819.0 - MARINE EVENT - UPDATE

On June 23-26, 2016 and July 3-4, 2016, from 8:00 a.m. until 3:00 p.m., each day, the Mississippi River Day Event, canoe trips, will be held between approximate Miles 866.0 and 819.0. Mariners are urged to exercise caution in the area during the event periods due to an anticipated increase in recreational traffic in the area.

LNM: 25-16

MILE 855.8 - MILE 855.0 - MARINE EVENT

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

MILE 851.5 - BRIDGE REPAIRS

Franklin Avenue Highway Bridge; All mariners are urged to transit at slowest safe speed 500 feet upstream and downstream due to ongoing construction. For additional information mariners may contact the M/V's EKS VI and EKS I via VHF-FM Channels 13 or 16 or by phone at (608) 963-9377.

LNM: 21-16

MILE 784.3 - VISIBLE OBSTRUCTION

A no wake buoy has been reported in the vicinity of Mile 784.3, mid-channel. Mariners are urged to exercise caution in the area.

LNM: 23-16

MILE 773.0 - MARINE EVENT

On June 25 and 26, 2016, from 1:30 p.m. until 6:30 p.m., each day, the Water Ski Days – Water Ski Show will be held in the vicinity of Mile 773.0. Mariners are urged to exercise caution in the area during the event periods.

LNM: 24-16

MILE 755.0 - MILE 753.0 - AID TO NAVIGATION

A can buoy has been reported missing between approximate Miles 755.0 and 753.0, Corona Bar Dike. Mariners are urged to transit the area with caution.

LNM: 20-16

MILE 725.9 - BRIDGE MAINTENANCE

Winona Highway Bridge; Due to a work barge located at various locations in the navigation channel from 7:00 a.m. until 5:30 p.m., Monday through Saturday, mariners are requested to give a 1 hour advance notice to have the work barge moved by contacting the M/V ANDREA M. via VHF-FM Channels 13 or 15 or by phone at (651) 328-4992.

LNM: 19-16

MILE 703.3 - DREDGE OPERATION - UPDATE

The M/V ANGELA K has completed dredging operations in the vicinity of Mile 703.3.

LNM: 25-16

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 698.5 - MILE 697.5 - MARINE EVENT/FIREWORKS DISPLAY/SAFETY ZONE/RIVER CLOSURE

Commencing July 1, 2016 and continuing until July 5, 2016, the Riverfest La Crosse, Wisconsin Water Ski Show and Fireworks Display will be held between approximate Miles 698.5 and 697.5. The COTP Upper Mississippi River has established a Safety Zone for these events: July 1 and 2, 2016, from 5:00 p.m. until 7:00 p.m., water ski and jet pack shows, July 3, 2016, from 6:00 p.m. until 7:00 p.m., water ski show next to Riverside Park, July 4, 2016, from 10:00 p.m. until 10:30 p.m., fireworks show from Pettibone Park.

LNM: 25-16

MILE 685.5 - CHANNEL CONDITION

Shoaling has been reported in the vicinity of Mile 685.5. Mariners are urged to exercise caution in the area.

LNM: 20-16

MILE 665.0 - DREDGE OPERATION

Continuing until further notice, the M/V GOETZ is conducting dredging operations in the vicinity of Mile 665.0. Work will be conducted 24-hours a day, 7-days a week. The M/V GOETZ will monitor VHF-FM Channels 13 or 82 and requests 1-hour advance notice of passage, for passing arrangements. Mariners are urged to transit the area at their slowest safe speed to minimize their wake and proceed with caution.

LNM: 23-16

MILE 635.7 - MILE 634.2 - FIREWORKS DISPLAY/SAFETY ZONE/RIVER CLOSURE

On July 2, 2016, from 9:30 p.m. until 10:30 p.m., the Marquette Independence Day Celebration will be held between approximate Miles 635.7 and 634.2. The COTP Upper Mississippi River has established a Safety Zone to facilitate this event.

LNM: 25-16

MILE 615.5 - MILE 615.0 - FIREWORKS DISPLAY/SAFETY ZONE/RIVER CLOSURE

On July 2, 2016, from 9:30 p.m. until 10:30 p.m., the Stars and Stripes Celebration will be held between approximate Miles 615.5 and 615.0. The COTP Upper Mississippi River has established a Safety Zone to facilitate this event.

LNM: 25-16

MILE 583.0 - MILE 581.0 - FIREWORKS DISPLAY/AIR SHOW/SAFETY ZONE/RIVER CLOSURE

On July 3, 2016, from 6:00 p.m. until 10:30 p.m., the Radio Dubuque Air Show and Fireworks will be held between Miles 583.0 and 581.0. The COTP Upper Mississippi River has established a Safety Zone to facilitate these events.

LNM: 25-16

MILE 557.8 - MILE 556.0 - MARINE EVENT

On July 3 and 6, 2016, from 4:00 p.m. until 6:00 p.m., both days, the Ski Bellevue Water Ski Shows will be held between approximate Miles 557.8 and 556.0. Mariners are urged to exercise caution in the area, during the event.

LNM: 24-16

MILE 556.5 - MILE 556.0 - FIREWORKS DISPLAY/SAFETY ZONE/RIVER CLOSURE

On July 3, 2016, from 9:30 p.m. until 10:30 p.m., the Bellevue Heritage Days fireworks display, will be held between approximate Miles 556.5 and 556.0. The COTP Upper Mississippi River has established a Safety Zone to facilitate this event.

LNM: 25-16

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 530.0 - DREDGE OEPRATION - UPDATE

Continuing until approximately June 28, 2016, the M/V MOLINE or the M/V DAVENPORT will be conducting dredging operations in the vicinity of Mile 530.0. Work will be conducted from 7:00 a.m. until 5:00 p.m., 7-days a week. The M/V MOLINE or the M/V DAVENPORT will monitor VHF-FM Channels 13, 16 or 82 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: 25-16

MILE 486.0 - MILE 483.0 - MARINE EVENT

Continuing until October 30, 2016, the LDSC Sunday and Wednesday Series, a sailboat race, will be held each Sunday, from 12:00 noon until 5:00 p.m. and each Wednesday, from 5:00 p.m. until 8:30 p.m. Mariners are urged to exercise caution in the area during the event periods.

LNM: 20-16

MILE 483.0 - L/D CLOSURE

On June 23, 2016, from 7:00 a.m. until 7:00 p.m., 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 on the guidewalls. Mariners may contact L/D 15 at (309) 794-5266 or via VHF-FM Channel 14, for assistance.

LNM: 25-16

MILE 482.7 - MILE 482.0 - FIREWORKS DISPLAY/SAFETY ZONE/RIVER CLOSURE

On July 3, 2016, from 9:30 p.m. until 9:50 p.m., the Red White and Boom Davenport fireworks display will be held between approximate Miles 482.7 and 482.0. The COTP Upper Mississippi River has established a Safety Zone to facilitate this event.

LNM: 25-16

MILE 457.2 - L/D CLOSURE - UPDATE

On June 23, 2016, from 7:00 a.m. until 7:00 p.m., L/D 16 in the vicinity of Mile 457.2, will be closed for maintenance. During these closures, towboat operators are requested NOT to tie up on the guidewalls. Mariners may contact L/D 16 via VHF-FM Channel 14 or at (309) 537-3191, for additional information.

LNM: 25-16

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 396.6 - AID TO NAVIGATION/SUBMERGED OBSTRUCTION

Burlington Island LT (LLNR-15360) in the vicinity of Mile 396.6, has been reported destroyed. A submerged rock pile reportedly exists just outside of the navigation channel and is marked with a buoy. Mariners are urged to exercise caution in the area.

LNM: 19-16

MILE 361.0 - CHANNEL CONDITION

Shoaling has been reported in the vicinity of Mile 361.0, RDB, at the mouth of the Des Moines River. Mariners are urged to transit the area with caution.

LNM: 24-16

MILE 327.0 - BRIDGE REPAIR

Quincy Memorial Bridge: Due to bridge repair, a work platform extends approximately 3 feet below low steel in the navigation channel. Work will continue daily from 6:00 a.m. until 7:00 p.m. The onsite work boat M/V CRAZY B will monitor VHF-FM Channel 69.

LNM: 23-16

MILE 305.0 - DREDGE OPERATION - UPDATE

Continuing until approximately June 28, 2016, the M/V CLINTON or M/V MUSCATINE will be conducting dredging operations in the vicinity of Mile 305.0. Work will be conducted from 7:00 a.m. until 5:00 p.m., Monday through Friday. The M/V CLINTON or M/V MUSCATINE will monitor VHF-FM Channels 13, 16 or 82 and requests 30-minutes prior notice of transiting the area, for passing instructions. Mariners are urged to transit the area at their slowest safe speed and proceed with caution after passing arrangements have been made.

LNM: 25-16

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

Continuing until further notice, the Dredge POTTER will be conducting dredging operations in the vicinity of Mile 255.0. Work will be conducted 24-

MILE 255.0 - DREDGE OPERATION

hours a day, 7 days a week. The Dredge POTTER will monitor VHF-FM Channels 13, 16 or 82 and requests 1 hour 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: 25-16

MILE 242.0 - DREDGE OPERATION - UPDATE

The Dredge POTTER has completed dredging operations in the vicinity of Mile 242.0.

LNM: 25-16

MILE 227.0 - CHANNEL CONDITION

A hard set to the RDB has been reported in the vicinity of Mile 227.0, head of Bolters Island. Mariners are urged exercise caution in the area.

LNM: 25-16

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 180.5 - MILE 180.0 - FIREWORKS DISPLAY/SAFETY ZONE/RIVER CLOSURE

On July 3, 2016, from 8:45 p.m. until 10:30 p.m., the Lumiere Place July 3rd Fireworks display will be held between approximate Miles 180.5 and 180.0. The COTP Upper Mississippi River has established a Safety Zone to facilitate this event.

LNM: 25-16

MILE 52.0 - MILE 50.0 - FIREWORKS DISPLAY/SAFETY ZONE/RIVER CLOSURE

On July 4, 2016, from 8:00 p.m. until 10:00 p.m., the Cape Girardeau 4th of July fireworks display will be held between approximate Miles 52.0 and 50.0. The COTP Ohio Valley has issued a Safety Zone for this event. No vessels will be allowed to transit this area during the event period without the permission of the U.S. Coast Guard Patrol Commander. The patrol commander will monitor VHF-FM Channel 16, during the event.

LNM: 24-16

MISSOURI RIVER

MILE 204.0 - MILE 144.0 - MARINE EVENT

On June 25, 2016, from 8:00 a.m. until 5:00 p.m., the Missouri River Freedom Race, a canoe race, will be held between approximate Miles 204.0 and 144.0. Mariners are urged to exercise caution in the area, during the event period.

LNM: 24-16

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

MILE 28.8 - MILE 28.2 - FIREWORKS DISPLAY/RIVER CLOSURE

On July 3 and 4, 2016, from 8:00 p.m. until 10:30, each day, the Saint Charles Riverfest fireworks display will be held between approximate Miles 28.8 and 28.2. The COTP Upper Mississippi River has established a Safety Zone to facilitate this event.

LNM: 25-16

MONONGAHELA RIVER

MILE 33.0 - MILE 32.0 - FIREWORKS DISPLAY/RIVER CLOSURE

On July 4, 2016, from 9:15 p.m. until 11:00 p.m., the Monongahela 4th of July Celebration will be held between approximate Miles 33.0 and 32.0. This is a barge based event. The U.S. Coast Guard MSU Pittsburgh has closed the river to facilitate this event.

LNM: 25-16

MILE 20.0 - AIDS TO NAVIGATION

Two can buoys have been reported not properly marking the channel in the vicinity of Mile 20.0. Mariners are urged to exercise caution in the area.

LNM: 20-16

MILE 12.0 - AIDS TO NAVIGATION

Two can buoys have been reported not properly marking the channel in the vicinity of Mile 12.0. Mariners are urged to exercise caution in the area.

LNM: 20-16

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

MILE 2.3 - BRIDGE CONSTRUCTION

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

MILE 0.5 - MILE 0.0 - FIREWORKS DISPLAY/RIVER CLOSURE

On July 4, 2016, from 8:30 p.m. until 10:30 p.m., the Pittsburgh 4th of July Celebration will be held between approximate Miles 0.5 and 0.0. This is a barge based display. The U.S. Coast Guard MSU Pittsburgh has closed the river to facilitate this event.

LNM: 25-16

OHIO RIVER

MILE 0.0 - MILE 0.5 - FIREWORKS DISPLAY/RIVER CLOSURE

On July 4, 2016, from 8:30 p.m. until 10:30 p.m., the Pittsburgh 4th of July Celebration will be held between approximate Miles 0.0 and 0.5. This is a barge based display. The U.S. Coast Guard MSU Pittsburgh has closed the river to facilitate this event.

LNM: 25-16

MILE 20.22 - TEMPORARY PILING LIGHTS

The Municipal Authority of the Borough of West View, Pittsburgh, PA, has installed two (02) temporary pilings located on at Mile 20.22, RDB. The two (02) pilings shall display flashing GREEN lights – characteristic: FL G 6s. All questions or inquiries shall be directed to USCG 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: 23-16

MILE 25.2 - MILE 25.6 - FIREWORKS DISPLAY/RIVER CLOSURE

On July 2, 2016, from 8:30 p.m. until 10:30 p.m., the Push Beaver County Fireworks Display will be held between approximate Miles 25.2 and 25.6. This is a barge based display. The U.S. Coast Guard MSU Pittsburgh has closed the river to facilitate this event.

LNM: 25-16

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 42.5 - MILE 43.0 - FIREWORKS DISPLAY/PARTIAL RIVER CLOSURE

On July 4, 2016, from 9:30 p.m. until 11:00 p.m., the Chester Volunteer Fire Department 4th of July fireworks display will be held between approximate Miles 42.5 and 43.0. This is a land based event. The U.S. Coast Guard MSU Pittsburgh has closed a portion of the river to facilitate this event.

LNM: 25-16

MILE 43.0 - MILE 44.0 - FIREWORKS DISPLAY/RIVER CLOSURE

On July 2, 2016, from 9:00 p.m. until 10:30 p.m., the East Liverpool Alumni Association Fireworks display will be held between approximate Mile 43.0 and 44.0. This is a barge based display. The U.S. Coast Guard MSU Pittsburgh has closed the river to facilitate this event.

LNM: 25-16

MILE 237.5 - DREDGE OPERATION

Commencing approximately June 28, 2016 and continuing until approximately July 1, 2016, the Dredge BILL HOLMAN will conduct dredging operations in the vicinity of Mile 237.5, lower approach to Racine L/D. Work will be conducted 24-hours a day, 7-days a week. The Dredge BILL HOLMAN will monitor VHF-FM Channel 13. It is essential that mariners await the passing signal from the dredge and to remain alert for the dredge and its floating discharge line. 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: 24-16

MILE 237.5 - L/D CLOSURE/REPAIRS

Continuing until approximately July 15, 2016, repairs to the Racine L/D in the vicinity of Mile 237.5, will be conducted. Work will be conducted from 7:00 a.m. until 5:00 p.m., 7 days a week. The initial setup for work will require 1-2 days to complete and will require the main lock chamber to be closed to traffic during the work hours with lockage available during non-working hours. After the setup is complete, the main lock chamber will be available to pass traffic. Mariners may contact the Racine L/D via VHF-FM Channel 13, for additional information.

LNM: 25-16

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.

MILE 326.6 - BRIDGE CONSTRUCTION

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 353.8 - DREDGE OPERATION

Commencing approximately July 1, 2016 and continuing until approximately July 8, 2016, the Dredge BILL HOLMAN will conduct dredging operations in the vicinity of Mile 353.8, Bonanza Bar. Work will be conducted 24-hours a day, 7-days a week. The Dredge BILL HOLMAN will monitor VHF-FM Channel 13. It is essential that mariners await the passing signal from the dredge and to remain alert for the dredge and its floating discharge line. 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: 24-16

MILE 436.2 - DREDGE OPERATION

Commencing approximately July 8, 2016, the Dredge BILL HOLMAN will conduct dredging operations in the vicinity of Mile 436.2, lower approach to Meldahl L/D. Work will be conducted 24-hours a day, 7-days a week. The Dredge BILL HOLMAN will monitor VHF-FM Channel 13. It is essential that mariners await the passing signal from the dredge and to remain alert for the dredge and its floating discharge line. 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: 24-16

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

On June 24, 2016, from 9:00 p.m. until midnight, 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. Mariners 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: 23-16

MILE 595.1 - BRIDGE CONSTRUCTION

Proposed New Highway Bridge; Steel erection is ongoing channelward at The left descending navigation pier. On various days during these evolutions, a crane and work barge will be encroaching the navigation channel from 6:00 a.m. until 6:00 p.m. A minimum horizontal clearance of at least 695 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: 18-16

MILE 603.0 - MILE 604.0 - FIREWORKS DISPLAY/SAFETY ZONE

On July 3, 2016, from 9:30 p.m. until 11:00 p.m., the Louisville Bats Waterfront Independence Festival Fireworks Display will be held between approximate Miles 603.0 and 604.0. The COTP Ohio Valley has established a Safety Zone for this event. Mariners are prohibited from transiting this area for the duration of the event. Mariners may contact the event manager at (502) 558-1236, for additional information.

LNM: 25-16

MILE 603.0 - MILE 604.0 - FIREWORKS DISPLAY/SAFETY ZONE

On July 4, 2016, from 9:15 p.m. until 10:15 p.m., the Waterfront Independence Festival Fireworks Display will be held between approximate Miles 603.0 and 604.0. The COTP Ohio Valley has established a Safety Zone for this event. Mariners are prohibited from transiting this area for the duration of the event. Mariners may contact the event manager at (502) 744-5743, for additional information

LNM: 25-16

MILE 607.4 - MILE 608.6 - FIREWORKS DISPLAY/SAFETY ZONE

On July 3, 2016, from 10:30 p.m. until 11:00 p.m., the Riverfront Independence Festival Fireworks Display will be held between approximate Miles 607.4 and 608.6. The COTP Ohio Valley has established a Safety Zone for this event. Mariners are prohibited from transiting this area for the duration of the display. Mariners may contact the event manager at (502) 554-8053, for additional information.

LNM: 25-16

MILE 618.5 - MILE 619.5 - FIREWORKS DISPLAY/SAFETY ZONE

On July 2, 2016, from 10:00 p.m. until 10:30 p.m., the Riverview Park Independence Festival Fireworks Display will be held between approximate Miles 618.5 and 619.5. The COTP Ohio Valley has established a Safety Zone closing the river for this event. Mariners are prohibited from transiting this area during the display. Mariners may contact the event manager at (502) 574-1112, for additional information.

LNM: 25-16

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.

MILE 723.7 - BRIDGE MAINTENANCE

LNM: 04-16

MILE 755.0 - MILE 759.0 - FIREWORKS DISPLAY/SAFETY ZONE

On July 2, 2016, from 9:00 p.m. until 10:00 p.m., the All American 4th of July, will be held between approximate Miles 755.0 and 759.0, Owensboro, Kentucky. The COTP Ohio Valley has established a Safety Zone for this event. Mariners are prohibited from transiting this area for the duration of the display. Mariners may contact the event manager at (270) 687-8350, for additional information.

LNM: 25-16

MILE 777.0 - MILE 779.0 - FIREWORKS DISPLAY/SAFETY ZONE

On July 2, 2016, from 9:45 p.m. until 10:10 p.m., the Newburgh Fireworks display will be held between approximate Miles 777.0 and 779.0. The COTP Ohio Valley has established a Safety Zone for this event. Mariners are prohibited from transiting this area for the duration of the display. Mariners may contact the event manager at (812) 598-4595. The U.S. Coast Guard Sector Ohio Valley will be standing by VHF-FM Channel 16.

LNM: 25-16

MILE 791.0 - MILE 795.0 - MARINE EVENTS/RIVER CLOSURE

Commencing June 24, 2016 and continuing until June 27, 2016, from 11:00 a.m. until 6:00 p.m., each day, the ShrinersFest/Evansville Freedom Festival events will be held between approximate Miles 791.0 and 795.0. The COTP Ohio Valley has established a Special Local Regulation for this event. No vessel will be allowed to transit between Miles 791.0 and 795.0 without the approval of the U.S. Coast Guard Patrol Commander. During these event periods, the patrol commander will monitor VHF-FM Channel 16. Mariners may contact the event manager at (812) 449-3288, for additional information.

LNM: 23-16

MILE 791.0 - MILE 795.0 - FIREWORKS DISPLAY/SAFETY ZONE

On July 4, 2016, from 9:45 p.m. until 10:15 p.m., the Evansville Freedom Celebration Fireworks Display will be held between approximate Miles 791.0 and 795.0. The COTP Ohio Valley has established a Safety Zone for this event. Mariners are prohibited from transiting the area during the event. Mariners may contact the event manager at (812) 253-1013, for additional information.

LNM: 25-16

MILE 918.0 - MILE 938.0 - CHANNEL CONDITION

The COTP Ohio Valley along with the USACE advises that the wickets at L/D 52 in the vicinity of Mile 938.9 have been raised on June 12, 2016. Until river conditions stabilize, draw-down conditions are occurring in the L/D 52 pool between approximate Miles 938.9 and 918.5. Mariners are urged to transit the area with caution and to strictly adhere to the navigable channel.

LNM: 24-16

MILE 934.0 - MILE 936.0 - FIREWORKS DISPLAY/SAFETY ZONE

On July 4, 2016, from 8:45 p.m. until 10:00 p.m., the Paducah 4th of July fireworks display will be held between approximate Miles 934.0 and 936.0. The COTP Ohio Valley has established a Safety Zone for this event. No vessels will be allowed to transit this area during the event period without the permission of the U.S. Coast Guard Patrol Commander. The patrol commander will monitor VHF-FM Channel 16, during this event.

LNM: 24-16

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

Effective June 13, 2016, the Olmsted Project in the vicinity of Mile 964.4, will begin passing all vessel traffic through the riverside lock chamber. Mariners must contact the lockmaster for traffic information when arriving at the approach points at Mile 953.0 and 968.0. The barge configuration restriction is now limited to a 3 by 5, 1,200 feet by 108 feet, including tow, maximum of 15 barges and no more than 2 wide for 54-foot chemical barges until the lane returns to the navigation pass. During this period, a helper boat will be available 24-hours a day. Mariners are reminded that this area is no passing, meeting overtaking or waiting/hovering zone that extends from Mile 962.0 to Mile 966.0. Mariners MUST proceed at their slowest safe speed to minimize their wake.

LNM: 24-16

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

ST. CROIX RIVER

MILE 17.2 - MILE 16.8 - FIREWORKS DISPLAY/SAFETY ZONE/RIVER CLOSURE

On July 3, 2016, from 10:00 p.m. until 10:30 p.m., the Hudson Booster Days fireworks display will be held between approximate Miles 17.2 and 16.8. The COTP Upper Mississippi River has established a Safety Zone to facilitate this event.

LNM: 25-16

TENNESSEE-TOMBIGBEE WATERWAY

MILE 450.5 - MILE 450.0 - FIREWORKS DISPLAY/SAFETY ZONE/RIVER CLOSURE

On July 2, 2016, from 9:00 p.m. until 9:30 p.m., the Grand Harbor Fireworks Show will be held between approximate Miles 450.5 and 450.0. The COTP Ohio Valley has issued a Safety Zone for this event. No vessels will be allowed to transit between Miles 450.5 and 450.0 without the

TENNESSEE-TOMBIGBEE WATERWAY

MILE 450.5 - MILE 450.0 - FIREWORKS DISPLAY/SAFETY ZONE/RIVER CLOSURE

permission of the COTP Ohio Valley or a designated representative. The U.S. Coast Guard Sector Ohio Valley will monitor VHF-FM Channel 16, during this event. For further information, contact the event manager at (731) 610-2117.

LNM: 24-16

MILE 398.4 - L/D TEMPORARY DELAYS

Continuing until June 27, 2016, the John Rankin L/D in the vicinity of Mile 398.4, temporary delays of up to 6 hours could occur to facilitate periodic inspection work. Mariners should contact the lock operators, during this period, to receive updates on the status of work and the possibility of any delay. Mariners may contact the lock at (662) 585-3080 or Allan Brewer at (662) 327-2142, for additional information.

LNM: 23-16

MILE 307.0 - FIREWORKS DISPLAY

On July 1, 2016, from 9:00 p.m. until 9:45 p.m., the Visit Columbus Visitor's Bureau and Columbus Air Force Base will conduct a fireworks display in the vicinity of Mile 307.0. Mariners are required to remain a minimum of 800 feet from the launch site, due to hazards associated with fireworks. For further information mariners may contact U.S. Coast Guard Sector Mobile at (251) 441-5976.

LNM: 23-16

MILE 306.8 - MARINE EVENT/FIREWORKS DISPLAY

On July 2, 2015, from 5:00 P.M. until 10:00 p.m., the City of Pickensville, Alabama will hold a marine event/fireworks display in the vicinity of Mile 306.8, Tom Bevell L/D. Mariners are urged to exercise caution in the area during the event period due to anticipated spectator and recreational vessels.

LNM: 25-16

MILE 216.0 - FIREWORKS DISPLAY/SAFETY ZONE

On July 4, 2016, from 8:15 p.m. until 9:15 p.m., the Freedom on the River fireworks display will be in the vicinity of Mile 216.0. The fireworks will be launched from the Caldwell Landing, Demopolis, AL. The COTP Mobile, AL., has issued a Safety Zone for this event. Mariners are required to remain a minimum of 800 feet from the launch site, due to hazards associated with fireworks. For further information mariners may contact U.S. Coast Guard Sector Mobile at (251) 441-5976.

LNM: 23-16

MILE 78.7 - CHANNEL CONDITION/AIDS TO NAVIGATION

The USACE reports that shoaling in combination with low water levels in the vicinity of Mile 78.7, Sunflower Bar, has resulted in a width restriction for the 9-foot channel depth availability. Buoys have been placed marking a 120-foot wide channel, at its narrowest location. Dredging operations are expected in late June or early July, 2016. Mariners may contact Mr. Derek Kendrick, BWT/Alabama River Project Office at (205) 752-3571.

LNM: 22-16

TENNESSEE RIVER

MILE 648.0 - MILE 647.0 - FIREWORKS DISPLAY/SAFETY ZONE/RIVER CLOSURE

On July 4, 2016, from 9:30 p.m. until 10:00 p.m., the Knoxville Festival on the 4th fireworks display will be held between approximate Miles 648.0 and 647.0. COTP Ohio Valley has established a Safety Zone for this event. No vessels will be allowed to transit between Miles 648.0 and 647.0, without the permission of the U.S. Coast Guard Patrol Commander. The patrol command will monitor VHF-FM Channel 16, during the event. For further information, contact U.S. Coast Guard MSD Nashville at (615) 736-5421.

LNM: 24-16

MILE 626.0 - FIREWORKS DISPLAY

On July 3, 2016, from 9:00 p.m. until 9:30 p.m., the Randy Boyd fireworks display will be in the vicinity of Mile 626.0. Mariners are urged to exercise caution in the area, due to the hazards associated with a fireworks display. For further information, contact U.S. Coast Guard MSD Nashville at (615) 736-5421.

LNM: 24-16

MILE 603.0 - MARINE EVENT/FIREWORKS DISPLAY

On July 2, 2016, from 4:00 p.m. until 11:00 p.m., the Lenoir City's Rockin the Docks marine event and fireworks display will be held in the vicinity of Mile 603.0. Approximately 1,500 spectator and sponsor vessels are anticipated for this event. Mariners are urged to exercise caution in the area during the event period, due to an anticipated increase in recreational traffic.

LNM: 24-16

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 571.0 - AIDS TO NAVIGATION

MILE 571.0 - AIDS TO NAVIGATION

Multiple buoys have been reported not properly marking the channel in the vicinity of Mile 571.0, entrance of Smith Creek and Long Island Marina. Mariners are urged to exercise caution in the area.

LNM: 23-16

MILE 529.9 - L/D INTERMITTENT DELAYS

Continuing until June 24, 2016, during daylight hours, intermittent delays can be expected at the Watts Bar L/D in the vicinity of Mile 529.9. There is no auxiliary lock available at this location. Mariners may contact the lockmaster at (423) 334-3522, with any questions or additional information.

LNM: 19-16

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 471.0 - L/D CLOSURE

Commencing at 6:00 a.m., July 11, 2016 and continuing until 5:00 p.m., August 11, 2016, the Chickamauga L/D in the vicinity of Mile 471.0, will be closed for maintenance. There is no auxiliary lock at this site.

LNM: 18-16

MILE 465.0 - MILE 463.0 - MARINE EVENT/RIVER CLOSURE

On June 26, 2016, from 6:30 a.m. until 9:30 a.m., the Chattanooga Waterfront Triathlon will be held between approximate Miles 465.0 and 463.0. The COTP Ohio valley has established a Special Local Regulation for this event. No vessels will be allowed to transit between Mile 465.0 and 463.0 without the permission of the COTP Ohio Valley or a designated representative. Mariners may contact the event manager at (615) 415-3520, for additional information.

LNM: 23-16

MILE 464.0 - FIREWORKS DISPLAY

On July 3, 2016, from 9:30 p.m. until 10:00 p.m., the Chattanooga Presents Fireworks Show will be held in the vicinity of Mile 464.0. Mariners transiting the area during the event period are urged to exercise caution, due to an anticipated increase in recreational traffic. For further information, contact U.S. Coast Guard MSD Nashville at (615) 736-5421.

LNM: 24-16

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 257.0 - MILE 255.0 - FIREWORKS DISPLAY/SAFETY ZONE/RIVER CLOSURE

On July 4, 2014, from 9:00 p.m. until 9:30 p.m., the Spirit Freedom Fest Shoals Radio fireworks display will be held in the vicinity of Mile 256.0. The COTP Ohio Valley has issued a Safety Zone for this event. No vessels will be allowed to transit between Mile 257.0 and 255.0, without the permission of the COTP or a designated representative. The U.S. Coast Guard will monitor VHF-FM Channel 16, during this event. For further information, contact the event manager at (786) 239-3677.

LNM: 24-16

MILE 257.0 - MILE 255.0 - MARINE EVENT/SPECIAL LOCAL REGULATION/RIVER CLOSURE

On July 10, 2016, from 6:00 a.m. until 9:00 a.m., the Renaissance Man Triathlon marine event will be held between approximate Miles 257.0 and 255.0. The COTP Ohio Valley has established a Special Local Regulation for this event. No vessels will be allowed to transit the area without the permission of the COTP Ohio Valley or a designated representative. Mariners may contact the event manager at (256) 468-1487, for additional information.

LNM: 25-16

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

MILE 205.0 - AIDS TO NAVIGATION

Five nun buoys have been reported not properly marking the channel in the vicinity of Mile 205.0. Mariners are urged to exercise caution in the area.

LNM: 20-16

MILE 30.0 - PISGAH BAY - MARINE EVENT

On July 2 and 3, 2016, from 7:00 a.m. until 7:00 p.m., both days, the Kentucky Drag Boat Association will host high speed boat races in Pisgah Bay, a sheltered bay adjacent to Mile 30.0. Mariners are urged to exercise caution in the area during the event periods due to an increase in

MILE 30.0 - PISGAH BAY - MARINE EVENT

recreational vessel traffic. The U.S. Coast Guard has created a Special Local Regulation for this event and will have a patrol commander on scene. The patrol commander may be contacted on VHF-FM Channel 16, during the event.

LNM: 24-16

MILE 22.0 - MOORING CELL DAMAGE

Federal mooring cell number 4, on the upper approach of the Kentucky L/D in the vicinity of Mile 22.0, has significant damage and is unusable. Mariners are prohibited from mooring to the structure until repairs are made.

LNM: 25-16

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
None						

ENCLOSURES

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



**US Army Corps
of Engineers**®
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.



**US Army Corps
of Engineers**®
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:

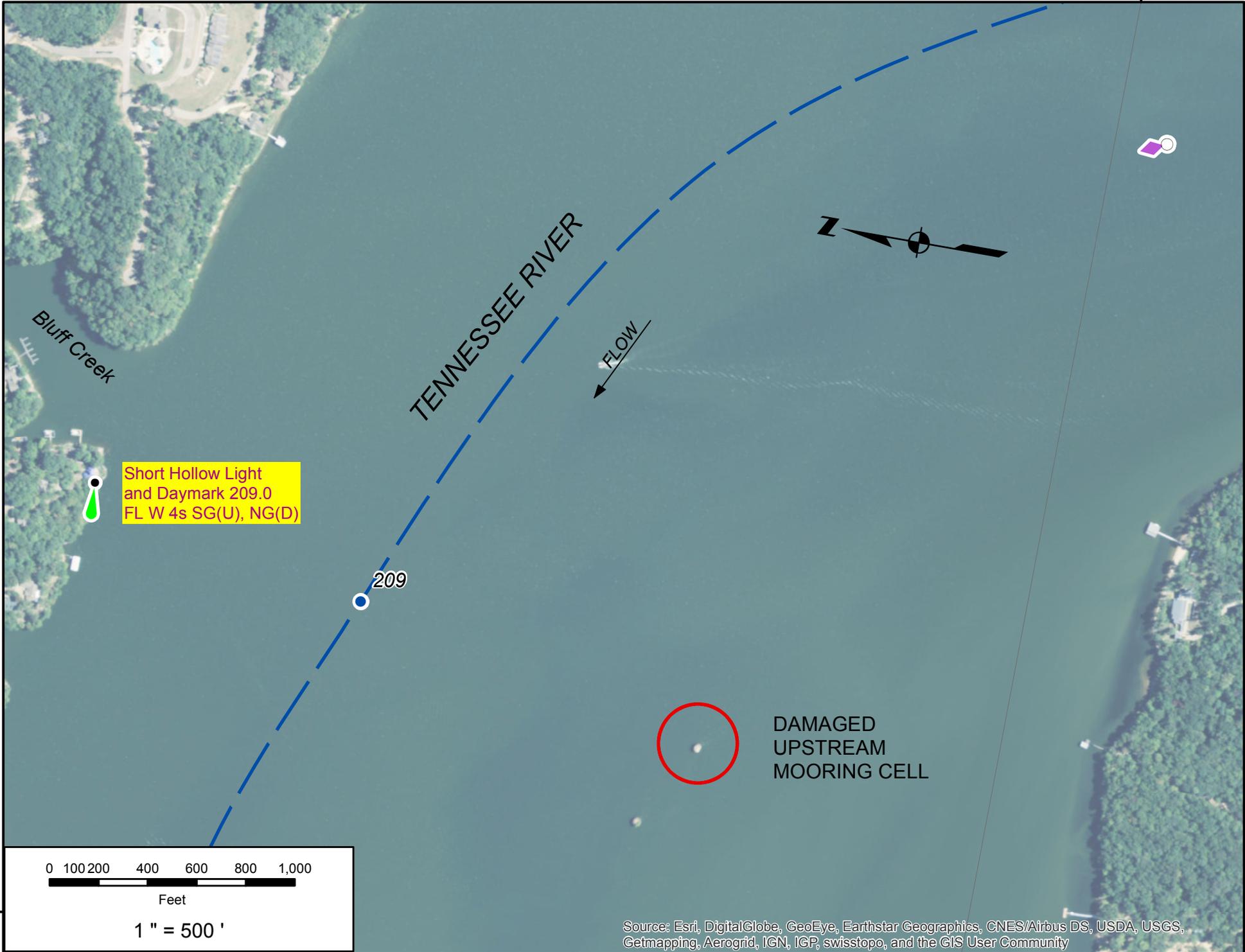
////original signed////

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