U.S. Department
of Homeland Security

United States Coast Guard

LOCAL NOTICE TO MARINERS

District: 9 Week: 26/16

Issued by: Commander (dpw)
Ninth Coast Guard District
1240 East Ninth Street,
Cleveland, OH 44199-2060
Telephone: (216) 902-6069

Direct questions about this LNM to the above address.

All distances in this publication are STATUTE MILES unless otherwise noted.

District Nine Internet Address http://www.uscg.mil/d9/uscgd9.html
District Nine Local Notice to Mariners email Address D09-DG-District-D9-LocalNoticetoMariners@uscg.mil
** Navigation Information Service watchstander, 24 hours a day at (703) 313-5900 ** **Internet Address** http://www.navcen.uscg.gov/
Light List Reference: Commandant Publication P16502.7, VOL VII, 2016 Edition
Coast Pilot Reference: 2016 U.S. Coast Pilot 6 Great Lakes 46th Edition
Coast Pilots, along with corrections are available at: http://nauticalcharts.noaa.gov/nsd/cpdownload.htm
The Local Notice to Mariners is available on the Internet at http://www.navcen.uscg.gov/?pageName=lnmMain You will also have links to other government agencies- web pages including the US Army Corps of Engineers and the National Ocean Service.

REPORT DISCREPANCIES IN AIDS TO NAVIGATION TO THE NEAREST COAST GUARD UNIT

The Ninth District and all Sector offices for their areas of responsibility issue a BROADCAST NOTICE TO MARINERS.
The following Broadcast Notice to Mariners have been incorporated into this week's Local Notice to Mariners:
Sector Buffalo, NY - B082-16 through B086-16
Ninth District - C102-16 through C106-16
Sector Detroit, MI - D083-16 through D084-16
Sector Lake Michigan, WI - M221-16 through M239-16
Sector Sault Ste Marie, MI - S064-16 through S065-16

The United States Coast Guard Navigation Information Service (NIS), operated by the USCG Navigation Center, is staffed 24 hours a day, 7 days a week. The NIS provides information on the current operational status, effective policies, and general information for GPS and DGPS. The NIS also disseminates Safety Broadcasts (BNM), Local Notice to Mariners (LNM), and the latest Notice Advisory to Navstar Users (NANU). NANU notices can be obtained via email subscription through the USCG Navigation Center website: http://cgls.uscg.mil/mailman/listinfo/nanu . In addition, the NIS investigates all reports of degradation or loss of GPS, DGPS or AIS service. Users are encouraged to report all degradation or loss of radio navigation services to the NIS via any of the following: Phone: (703) 313-5900, mail to: webmaster@smtp.navcen.uscg.mil, or on the internet at: http://www.navcen.uscg.gov

ABBREVIATIONS

A through H

ADRIFT - Buoy Adrift
AICW - Atlantic Intracoastal Waterway
Al - Alternating
B - Buoy
BKW - Breakwater
bl - Blast
BNM - Broadcast Notice to Mariner
bu - Blue
C - Canadian
CHAN - Channel
CGD - Coast Guard District
C/O - Cut Off
CONT - Contour
CRK - Creek
CONST - Construction
DAYMK/Daymk - Daymark

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

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

DBN/Dbn - Daybeacon
DBD/DAYBD - Dayboard
DEFAC - Defaced
DEST - Destroyed
DISCON - Discontinued
DMGD/DAMGD - Damaged
ec - eclipse
EST - Established Aid
ev - every
EVAL - Evaluation
EXT - Extinguished
F - Fixed
fl - flash
Fl - Flashing
G - Green
GIWW - Gulf Intracoastal Waterway
HAZ - Hazard to Navigation
HBR - Harbor
HOR - Horizontal Clearance
HT - Height
LT - Light
LT CONT - Light Continuous
LTR - Letter
LWB - Lighted Whistle Buoy
LWP - Left Watching Properly
MHz - Megahertz
MISS/MSNG - Missing
Mo - Morse Code
MRASS - Marine Radio Activated Sound Signal
MSLD - Misleading
N/C - Not Charted
NGA - National Geospatial-Intelligence Agency
NO/NUM - Number
NOS - National Ocean Service
NW - Notice Writer
OBSCU - Obscured
OBST - Obstruction
OBSTR - Obstruction
Oc - Occulting
ODAS - Anchored Oceanographic Data Buoy
RRASS - Remote Radio Activated Sound Signal
s - seconds
SEC - Section
SHL - Shoaling
si - silent
SIG - Signal
SND - Sound
SPM - Single Point Mooring Buoy
SS - Sound Signal
STA - Station
STRUCT - Structure
St M - Statute Mile
TEMP - Temporary Aid Change
TMK - Topmark
TRLB - Temporarily Replaced by Lighted Buoy
TRLT - Temporarily Replaced by Light
TRUB - Temporarily Replaced by Unlighted Buoy
USACE - Army Corps of Engineers
W - White
Y - Yellow

Additional Abbreviations Specific to this LNM Edition:

LIB - Lighted Ice Buoy

SECTION I - SPECIAL NOTICES

This section contains information of special concern to the Mariner.

CAUTION TO BE USED IN RELIANCE UPON AIDS TO NAVIGATION

The aids to navigation depicted on charts comprise a system of fixed and floating aids to navigation with varying degrees of reliability. Prudent mariners will not rely solely on any single aid to navigation, particularly a floating aid to navigation. With respect to buoys, the buoy symbol is used to indicate the approximate position of the buoy body and the sinker which secures the buoy to the seabed. The approximate position is used because of the practical limitations in positioning and maintaining buoys and their sinkers in precise geographical locations. These limitations include, but are not limited to, inherent imprecision in position fixing methods, prevailing atmospheric and sea conditions, slope of and the material making up the seabed, the fact that buoys are moored to sinkers by varying length of chain, and the fact that the buoy body and/or sinker positions are not under continuous surveillance, but are normally checked only during periodic maintenance visits which often occur more than a year apart. Due to the forces of nature, the position of the buoy body can be expected to shift inside and outside the charted symbol. The mariner is also cautioned that buoys may be extinguished or sound signals may not function as the result of ice, running ice, or other natural causes, collisions, or other accidents. For the foregoing reasons, a prudent mariner must not rely completely upon the position or operation of floating aids to navigation, but will also utilize bearings from fixed objects and aids to navigation on shore. Further, a vessel attempting to pass close aboard always risks collision with a yawing buoy or with the obstruction that the buoy marks.

LNM: 06/14

IMPORTANT SAFETY NOTICE ABOUT THE RELIABLE OPERATION OF ECDIS

Following an announcement by the International Maritime Organization (IMO) concerning potential display anomalies in some ECDIS systems, the International Hydrographic Organization (IHO) issued an ENC Data Presentation and Performance Check in October 2011. This check is intended to assist mariners and to help determine the extent of the anomalies. IHO has received reports from mariners confirming that a number of ECDIS fail to display some significant underwater features in the "Standard" display mode. For all significant objects to be visible to the mariner, these ECDIS must be operated in "Full display" or "All display" mode until a software upgrade is made available from the manufacturer. Mariners are strongly encouraged to use the IHO ENC Data Presentation and Performance Check issued through ENC service providers and also available directly from the IHO website (www.iho.int) to check the operation of their ECDIS and to determine whether their system is affected. IHO Circular Letter 33/2012 is available on the Coast Guard's Navigation Center website (http://www.navcen.uscg.gov) under the heading News and Notices.

LNM: 12/12

RANGE STRUCTURES

The U.S. Coast Guard has become aware that Coast Guard information used to depict a rangeline on NOAA Electronic Navigational Charts (ENC) may not be of sufficient accuracy to accurately portray the rangeline on the ENC. Mariners are cautioned that the position of a rangeline as shown on an ENC may not reflect its true position.

LNM: 04/11

USACE NOTICE TO NAVIGATION INTERESTS

Current Federal Channel conditions, shoaling, and the most recent channel surveys are available at the following Army Corps of Engineers web sites:

Buffalo: http://www.lrb.usace.army.mil/
Detroit: http://www.lre.usace.army.mil/
Chicago: http://www.lrc.usace.army.mil/
Rock Island: http://www.mvr.usace.army.mil/

LNM: 28/12

GREAT LAKES- AIS PROGRAM

The following aids to navigation have been established as either synthetic or virtual ATON. Synthetic AIS ATON is a signal broadcasted from an AIS base station to coincide with an existing physical aid to navigation. Virtual AIS ATON is a signal broadcasted from an AIS base station that is electronically charted, but non-existent as a physical aid to navigation. Buoys and lighted buoys that are replaced by a can or nun winter mark will be synthetic AIS ATON year round. Buoys and lighted buoys that are not replaced with a can or nun winter mark will be synthetic AIS ATON during their advertised season in the light list and virtual AIS ATON when not on station.

LNM: 42/15

St. LAWRENCE SEAWAY - Carleton Island to Charity Shoal - Chart 1430 (C)

Tibbetts Point Light (LLNR 1735)

LNM: 42/15

LAKE ERIE - PA - Erie Harbor - Chart 14835

Erie Harbor Entrance Lighted Bell Buoy "1" (LLNR 3515)
Erie Harbor Entrance Lighted Buoy "5" (LLNR 3535)

LNM: 42/15

LAKE ERIE - OH - Toledo Harbor - Chart 14847

Maumee Bay Entrance Lighted Buoy "1" (LLNR 6045)
Maumee Bay Lighted Buoy "10" (LLNR 6090)
Maumee Bay Lighted Buoy "21" (LLNR 6155)
Maumee Bay Lighted Buoy "30" (LLNR 6195)

LNM: 42/15

LAKE ERIE - OH - Sandusky harbor - Chart 14845

Moseley Channel Lighted bell Buoy "1" (LLNR 4580)
Moseley Channel Lighted Buoy "2" (LLNR 4585)

LNM: 42/15

LAKE ERIE - MI - Monroe Harbor - Chart 14846

Monroe Harbor Lighted Buoy "1" (LLNR 6570)
Monroe Harbor Lighted Buoy "2" (LLNR 6575)

LNM: 42/15

DETROIT RIVER - MI - Detroit River - Chart 14848

East Outer Channel Lighted Buoy "16" (LLNR 6960)
Amherstburg Channel Lighted Buoy "23" (LLNR 6965)
River Rouge Canal Entrance Lighted Buoy "2" (LLNR 8160)
Belle Isle Lower Junction Lighted Buoy (LLNR 8205)
Belle Isle North Lighted Buoy "113" (LLNR 8245)
Peche Island Lighted Buoy "114" (LLNR 8255)

LNM: 42/15

LAKE St. CLAIR - MI - Lake St. Clair - Chart 14850

Lake St. Clair Lighted Buoy "2" (LLNR 8420)
Lake St. Clair Lighted Buoy "8" (LLNR 8450)
Lake St. Clair Lighted Buoy "29" (LLNR 8565)
Lake St. Clair Lighted Buoy "30" (LLNR 8570)

LNM: 42/15

St. CLAIR RIVER - MI - Head of St. Clair River - Chart 14852

Russel Island Shoal Lighted Buoy "RI" (LLNR 9745)
Fawn Island Lighted Buoy "38" (LLNR 9780)
Marine City Shoal Lighted Buoy "40" (LLNR 9790)
St. Clair Middle Ground Lighted Buoy "52" (LLNR 9885)
Stag Island Lighted Buoy "58" (LLNR 9935)

LNM: 42/15

LAKE HURON - MI - Lake Huron Cut - Chart 14862

Lake Huron Cut Lighted Buoy "1" (LLNR 10035)
Lake Huron Cut Lighted Buoy "11" (LLNR 10085)
Lake Huron Cut Lighted Buoy "12" (LLNR 10090)

LNM: 42/15

LAKE HURON - MI - Saginaw Bay - Chart 14867

Charity Island Shoal Lighted Bell Buoy "1" (LLNR 10530)
Charity Island Shoal Lighted Buoy "3" (LLNR 10535)
Saginaw Bay Channel Lighted Buoy "5" (LLNR 10600)
Saginaw Bay Channel Lighted Buoy "6" (LLNR 10605)
Saginaw Bay Channel Lighted Buoy "15" (LLNR 10660)
Saginaw Bay Channel Lighted Buoy "16" (LLNR 10665)

LNM: 42/15

LAKE HURON - MI - Harrisville to Forty Mile Point - Chart 14864

Alpena Junction Lighted Buoy "AL" (LLNR 11390)
Nordmeer Wreck Lighted Buoy "WR1" (LLNR 11505)

LNM: 42/15

STRAITS of MACKINAC - MI - De Tour Passage to Waugoshance Point - Chart 14881

Round Island Lighted Buoy "3" (LLNR 12575)
Round Island Lighted Buoy "5" (LLNR 12590)

LNM: 42/15

LAKE SUPERIOR - MN - Duluth Harbor - Chart 14975

Duluth Harbor Basin Traffic Buoy (LLNR 15870)

LNM: 42/15

LAKE MICHIGAN - MI - Waugoshance to Seul Choix Point - Chart 14911

New Shoal Lighted Buoy "1" (LLNR 17740)
New Shoal Lighted Bell Buoy "3" (LLNR 17745)
Grays Reef passage Channel Lighted Buoy "7" (LLNR 17780)

LNM: 42/15

LAKE MICHIGAN - MI - Platte Bay to Leland - Chart 14912

Pyramid Point Shoal Lighted Buoy "5" (LLNR 18350)
Sleeping Bear Lighted Bell Buoy "7" (LLNR 18365)

LNM: 42/15

LAKE MICHIGAN - IL - Calumet and Indiana harbor - Chart 14929

Chicago Lake Front Northeast Shoal Lighted Buoy "2" (LLNR 19790)

LNM: 42/15

LAKE MICHIGAN - WI - Upper Green Bay - Chart 14909

St. Martin Island Shoal Lighted Buoy "2" (LLNR 21435)
Chambers island West Shoal Lighted Bell Buoy "3" (LLNR 21900)
Green island Southeast Shoal Buoy "2" (LLNR 21975)

LNM: 42/15

LAKE MICHIGAN - WI - Big Bay De Noc - Chart 14908

Southwest Drisco Shoal Lighted Buoy "DA" (LLNR 21605)

LNM: 42/15

LAKE MICHIGAN - WI - Little Bay De Noc - Chart 14915

Little Bay De Noc Lighted buoy "8" (LLNR 21630)

LNM: 42/15

LAKE MICHIGAN - WI - Menominee and Marinette Harbors - Chart 14917

Menominee Entrance Lighted Buoy "1" (LLNR 21920)
Menominee Entrance Lighted Buoy "2" (LLNR 21925)

LNM: 42/15

LAKE MICHIGAN - WI - Lower Green Bay - Chart 14910

Sherwood Point Traffic Lighted Bell Buoy (LLNR 22005)

LNM: 42/15

LAKE MICHIGAN - WI - Head of Green bay - Chart 14918

Green Bay Harbor Entrance Channel Lighted Buoy "1" (LLNR 22105)
Green Bay Harbor Entrance Channel Lighted Bell Buoy "2" (LLNR 22110)
Green Bay Harbor Entrance Channel Lighted Buoy "5" (LLNR 22125)
Green Bay Harbor Entrance Channel Lighted Buoy "9" (LLNR 22145)
Green Bay Harbor Entrance Channel Lighted Buoy "10" (LLNR 22150)

LNM: 42/15

SPECIAL NOTICE

USCG NATION-WIDE AUTOMATIC IDENTIFICATION SYSTEM (NAIS) NETWORK TESTING
On August 10, 2015, the U.S. Coast Guard will begin AIS Application Specific Message (AIS-ASM) testing. The test transmissions will occur between 0001-2359Z, 7 days/week. The test messages can be identified by their Maritime Mobile Service (MMSI) number: 300669139 or 00366613 and by the words “USCG TEST” within the contents of the message. Mariners are requested to contact the USCG Navigation Center at 1-703-313-5900 or TIS-PF-NISWS@uscg.mil with any questions, comments, or to report any safety and/or operational impacts caused by this testing.

Application Specific Messages to be tested include: messages 6, 8, 25, and 26, DAC=367, FI’s=22, 29, 33, 35; AIS Safety Related Text (SRM) messages: 8 (DAC=001, FI=0) and 14. The messages will be of various lengths, using repetitions of the text “USCG TEST”. For further information on AIS messages, DACs, and FI’s visit http://www.navcen.uscg.gov/?pageName=AISMessages.

LNM: 31/15

THE DATES OF LATEST EDITIONS, NAUTICAL CHARTS AND MISCELLANEOUS MAPS

Up to date information on latest editions, nautical charts and miscellaneous maps can be found at the following web address: http://www.nauticalcharts.noaa.gov/

LNM: 32/13

COAST PILOT 6-NEW EDITION

PUBLICATION–National Oceanic Atmospheric Administration (NOAA)–U.S. Coast Pilot 6, Great Lakes and their connecting waterways, 46th Edition, 2016, has been issued and is ready for free download and weekly updates at http://nauticalcharts.noaa.gov/nsd/cpdownload.htm.

Only Print-on-Demand (POD) bound copies are available for purchase; see http://www.nauticalcharts.noaa.gov/staff/charts.htm#POD.

The 2016 Edition cancels the preceding 2015 Edition, and incorporates all previous corrections.

LNM: 08/16

THE 2016 ELECTRONIC LIGHT LIST

The 2016 Light List is now available.

Coast Guard Light Lists are a means for communicating aids to navigation information to the maritime public. The last government printed Light Lists were the 2014 editions. While the Light Lists will no longer be available in government printed form, commercial reproductions may be available for purchase from maritime service providers. Local Notices to Mariners will
continue to advertise Light List corrections and NAVCEN will continue to publish a compilation of corrections.

2016 Light Lists are available on the USCG Navigation Center's website at: http://www.navcen.uscg.gov/?pageName=lightLists

Complete versions of the 2016 Light Lists are updated weekly on the NAVCEN website and mariners should download applicable copies and updates as needed at: http://www.navcen.uscg.gov/?pageName=lightListWeeklyUpdates.

A summary of 2016 Light List corrections are available at: http://www.navcen.uscg.gov/?pageName=lightListCorrections

Guidance for use of electronic navigation publications onboard U.S. vessels can be found at:
http://www.uscg.mil/hq/cgcvc/cvc/policy/policy_letters/543/CG-543_pol10-05.pdf

LNM: 02/16

USE OF ELECTRONIC CHARTS AND PUBLICATIONS IN LIEU OF PAPER CHARTS, MAPS, AND PUBLICATIONS

The U.S. Coast Guard has issued Navigation and Vessel Inspection Circular (NVIC) No. 01-16 which contains guidance on the use of electronic charts and publications in lieu of paper charts, maps, and publications. This guidance applies to U.S. flagged vessels subject to U.S. domestic chart, map, and publication carriage requirements contained in Titles 33 and 46 of the Code of Federal Regulations. The NVIC can be viewed at https://www.uscg.mil/hq/cg5/nvic/default.asp or https://cgportal2.uscg.mil/library/directives/SitePages/Home.aspx.

LNM: 06/16

GREAT LAKES - Great Lakes Water Levels

The expected water levels on the Great Lakes for July 1, 2016. Connecting Channels and the St. Lawrence River, given in inches above (+) or below (-) Low Water Datum (LWD). LWD is a plane of reference used on a navigation chart. It is also known as chart datum.

Great Lakes:

Lake Ontario +34, Lake Erie +44, Lake St. Clair +43, Lake Michigan-Huron +33, Lake Superior +17.

St Lawrence River:

Above Long Sault Dam +47, Above Iroquois Dam +36, Ogdensburg +33, Alexandria Bay +33, Head of River at Cape Vincent +34.

Detroit River:

Lake Erie at Pelee Passage +43, Mouth of River at Gibraltar +44, Fort Wayne +47, Head of River above Belle Isle +43.

St. Clair River:

Mouth of River at St. Clair Flats +43, Algonac +46, St. Clair +38, Blue Water Bridge +39, Head of River at Fort Gratiot +35, Lake Huron Approach Channel +33.

St. Marys River:

Mouth of River at Detour +33, West and Middle Neebish +29, Head of Little Rapids +28, U.S. Slip +26, Above Locks +20, Head of River at Point Iroquois +17.

Available water depth is determined for a location by adding (if +) or subtracting (if -) the amount from the above to the water depth shown on National Oceanic and Atmospheric Administration (NOAA) navigational charts. Caution: Depths so determined are representative of a still water surface elevation, disturbed by neither wind nor other causes. Depth, however, may be reduced or increased as much as several feet for short periods of time due to these disturbances, or when sections of channels develop shoals. Vessel masters should refer to the Local Notice to Mariners for extent of shoaling and scattered bedrock projections in all channels. For further information direct inquires to: Department of the Army, Detroit District Corps of Engineers P. O. Box 1027, Detroit, MI 48231, (313) 226-6443. Additional information can be found on the U.S. Army Corps of Engineers Information Center website at
http://www.lre.usace.army.Mil/Missions/GreatLakesInformation/GreatLakesWaterLevels/WaterLevelForecast/ConnectingChannelsForecast.asp

LNM: 26/16

LAKE ERIE – NY – Buffalo Ship Canal – Chart 14833

There is a steel I-beam protruding out of the water in approximate position 42-51.640N 078-52.100W. The steel I-beam is marked with a temporary white buoy FL W 4s.

LNM: 17/16

LAKE ERIE - OH - West End of Lake Erie - Chart 14846

Port Clinton East Pierhead Light "1" (LLNR 5870) The Day mark has been temporarily discontinued due to significant damage to the structure. The light remains operational and will remain operational until construction. The pier and light structure are scheduled to be replaced during the summer of 2016. During the construction the aid to navigation structure will be removed to make way for the pier construction. A lighted buoy will mark the east side of the channel entrance at that time. Upon completion of the construction a new aid to navigation structure will be installed with a light and day mark. Future updates can be found in the Local Notice to Mariner as the construction progresses and aid to navigation signals change.

LNM: 47/15

LAKE HURON– MI – Straits of Mackinac – Chart 14881

Spectacle Reef Light (LLNR 11730) has changed its lighting characteristics. The nominal range of this aid has changed to (10 statute miles) and

the flash has changed to Fl R 4s. All mariners are requested to transit the area with caution.

LNM: 07/16

LAKE HURON – MI – South End of Lake Huron – Chart 14865

Malcom Marine, Inc. will be conducting intake inspection operations in Lake Huron Cut, position 43.126N 082.391W. Operations will commence June 29th, 2016 thru July 20th, 2016. Hours of operation are 24 hours a day. Vessels may contact Tug MANITOLL on marine VHF-FM Channel 11, 13, or 74. There will be anchor buoys on site. A check down is requested from all vessels in vicinity. For further information contact Capt David Malcom at (810) 329-9013.

LNM: 26/16

LAKE HURON – MI – South End of Lake Huron – Chart 14865

Vortex Hydro Energy will be testing an underwater device in the St. Clair River, Port Huron, MI. Operations will commence June 24th, 2016 thru September 24th, 2016. Hours of operation are 24 hours a day. The device will be located just below the surface and will be marked by buoys. For further information contact Michael Bernitsas or Jason Taipale at (734) 223-4223 or (989) 482-9166.

LNM: 26/16

LAKE MICHIGAN - WI - Green Bay and Little Bay De Noc - Chart 14908

Several seasonal lighted and unlighted buoys in Green Bay and Little Bay De Noc may not be commissioned for the season by the advertised date in the 2016 Volume VII Great Lakes Light List. To obtain information on what seasonal unlighted and lighted buoys have been commissioned for the season call (216) 902-6074.

LNM: 17/16

LAKE MICHIGAN - MI - Waugoshance Point to Seul Choix Point - Chart 14911

An uncharted object has been reported north of the LCA track lines east of Lansing Shoal in approximate position 45-54.647'N 085-24.970'W. The object appears to be 23-24 feet below the surface at low water datum.

LNM: 30/15

CHICAGO RIVER - IL - Chicago - Chart 14928

The Coast Guard will implement a special local regulation on the south branch of the Chicago River from West 18th Street Bridge to the Amtrak Bridge at mile marker 323.4 in Chicago, IL for the Chinatown Chamber of Commerce Dragon Boat Race. This regulated area will be in effect from 8:00 am until 5:00 pm on June 25, 2016. No vessel may enter, transit through, or anchor within the regulated area without the permission of the Coast Guard Patrol Commander. For further details, contact Sector Lake Michigan at (414)747-7182 or the Coast Guard Patrol Commander via channel 16.

LAKE MICHIGAN – MI – Stony Lake to Point Betsie – Chart 14907

An on-shore fireworks display is expected to occur on June 25, 2016 at 10:30 p.m. with a fall out area over Betsie Lake near approximate position 44.37.622N, 086.13.953W. All mariners are urged to watch for Coast Guard vessels on-scene and to stay clear of the display area. For further details, contact Coast Guard Sector Lake Michigan at (414)747-7182 or via channel 16.

CHICAGO RIVER – IL – Chicago – Chart 14928

A temporary 60 foot floating dock for paddle craft is positioned on the southern bank of the South Branch of the Chicago River at mile 322.5, approximately 1000 feet west of the S. Halsted St Bridge through December, 2016. Mariners should be aware of the structure and be on the lookout for arriving/departing paddle craft.

LNM: 44/15

ST. MARYS RIVER - MI - Chart 14884 - Chart 14883 - Chart 14882

The aids in the St. Mary's River previously advertised in the Advanced Section, Section V of the Local Notice to Mariner to become synthetic AIS ATON have been turned off due to coverage issues. This problem is being resolved and the aid`s should be turned back on prior to the Spring 2016 navigation season.

LNM: 50/15

LAKE SUPERIOR - MI - St. Mary's River to Au Sable Point - Chart 14962

Little Lake Harbor has shoaled to less than 4 feet across the entrance between Little Lake Harbor Light "2" (LLNR 14540) and Little Lake Harbor Light "3" (LLNR 14545). The aids to navigation will continue to be maintained however transiting into this harbor is not recommended due to the shoaling.

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
1575	Wolfe Island Cut Lighted Buoy Pv2 (C)	LT EXT		B073-16	25/16	
1580	Wolfe Island Cut Lighted Buoy Pv1 (C)	LT EXT		B073-16	25/16	
1595	Wolfe Island Cut North Lighted Buoy Pv6 (C)	LT EXT		B074-16	25/16	
2400	Olcott Light	LT IMCH	14806	B065-16	23/16	
2975.1	Bird Island Reef EU Buoy 6 (C)	SINKING		B277-15	48/15	
2975.2	Limekiln Reef EU Buoy 7 (C)	OFF STA/SINKING/LT IMCH/TMK MISSING		B026-16	16/16	
6105	Manhattan Range Front Light	REDUCED INT	14846	D065-16	22/16	
6810	Southeast Shoal Lighted Buoy X (C)	LT EXT		D075-16	23/16	
7170	**Grosse Ile South Channel Range Rear Light**	**LT EXT**	**14853**	**D084-16**	**26/16**	
9870	Courtright Light (C)	LT EXT		D074-16	23/16	
10065	Lake Huron Cut Light 7	REDUCED INT/SS INOP/RAC INOP	14865	D033-16	14/16	
14060	**Little Rapids Cut Junction Lighted Buoy**	**OFF STA**	**14883**	**S065-16**	**26/16**	
19585	Burns Harbor North Light 2	LT EXT	14926	M107-16	16/16	
19585	Burns Harbor North Light 2	LT EXT	14926	M206-16	24/16	
21940	Menominee Pier Light 6	LT EXT	14917	M115-16	17/16	

DISCREPANCIES (FEDERAL AIDS) CORRECTED

LLNR	Aid Name	Status	Chart No.	BNM Ref.	LNM St	LNM End
3195	Tonawanda Channel Buoy 36	RESET ON STATION	14832	B083-16	26/16	26/16
7460	Hickory Island Channel Lighted Buoy 2	WATCHING PROPERLY	14853	D083-16	26/16	26/16
8540	St. Clair Flats Canal Range Rear Light	WATCHING PROPERLY	14853	D082-16	25/16	26/16
14060	Little Rapids Cut Junction Lighted Buoy	WATCHING PROPERLY	14883	S064-16	26/16	26/16

DISCREPANCIES (PRIVATE AIDS)

LLNR	Aid Name	Status	Chart No.	BNM Ref.	LNM St	LNM End
1473	Rock Island Light	LT EXT	14773	B266-15	47/15	
2515	Youngstown Safe Boating Zone Lighted Float A	OFF STA	14816	B81-16	25/16	
3905	Painesville Inner Intake Crib Lighted Buoy 1	MISSING	14837		24/16	
4055	Gordon Park Boat Basin Entrance South Light	LT EXT	14839		21/16	
4190	Whiskey Island Marina Entrance Light 1	LT IMCH/DAYMK MISSING	14839	B059-16	21/16	
4191	Whiskey Island Marina Entrance Light 2	DAYMK MISSING	14839	B060-16	21/16	
4810	Causeway Leading Light	LT EXT	14845		20/16	
4945	Lyman Harbor Light	LT EXT	14845		20/16	
4985	Lockwood Entrance Channel Jetty Light 1	LT IMCH	14844	D076-16	23/16	
4985.1	Lockwood Entrance Channel Jetty Light 2	LT IMCH			23/16	
5282	Mazurik Fish Access Light 1	REDUCED INT		D028-16	14/16	

5283	Mazurik Fish Access Light 2	LT EXT	14842	D029-16	14/16
5590	Kellstone Crib Light	LT EXT	14842	D066-16	22/16
8695	Grosse Point Club Harbor Entrance West Light	LT EXT	14853	D179-15	42/15
18910	Consumers Power Company Light 1	LT EXT	14934	M218-16	25/16
18915	Consumers Power Company Light 3	LT EXT	14934	M219-16	25/16
18920	Consumers Power Company Light 5	LT EXT	14934	M220-16	25/16
19610	Gary Breakwater Light	LT EXT	14926	M106-16	16/16
20757	Mickinley Marina Light 2	LT EXT	14924	M149-16	21/16

DISCREPANCIES (PRIVATE AIDS) CORRECTED

LLNR	Aid Name	Status	Chart No.	BNM Ref.	LNM St	LNM End
19921	Oakwood Beach North Pier Light	WATCHING PROPERLY		M175-16	22/16	26/16
19922	Oakwood Beach South Pier Light	WATCHING PROPERLY		M176-16	22/16	26/16

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
4451	Vermilion Museum Lighthouse	DISCONTINUED	14826	B002-16	08/16	
6015	Cooley Canal Front Range Light	DISCONTINUED	14846		11/16	
6016	Cooley Canal Rear Range Light	DISCONTINUED	14846		11/16	
10200	Harbor Beach Marina Lighted Buoy 3	DISCONTINUED	14862		17/16	
18450	Manistee North Pierhead Light	Reduced Intensity	14938	M126-16	19/16	

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 IV - CHART CORRECTIONS

This section contains corrections to federally and privately maintained Aids to Navigation, as well as NOS corrections.

This section contains corrective actions affecting chart(s). Corrections appear numerically by chart number, and pertain to that chart only.
It is up to the mariner to decide which chart(s) are to be corrected. The following example explains individual elements of a typical chart correction.

Chart Number	Chart Edition	Edition Date	Last Local Notice to Mariners	Horizontal Datum Reference	Source of Correction	Current Local Notice to Mariners
12327	91st Ed.	19-APR-97	Last LNM: 26/97	NAD 83		27/97

Chart Title: NY-NJ-NEW YORK HARBOR - RARITAN RIVER

Main Panel 2245 NEW YORK HARBOR CGD01

(Temp) ADD NATIONAL DOCK CHANNEL BUOY 3 at 40-41-09.001N 074-02-48.001W

Green can

Corrective Action	Object of Corrective Action	Position

(Temp) indicates that the chart correction action is temporary in nature. Courses and bearings are given in degrees clockwise from 000 true.
Bearings of light sectors are toward the light from seaward. The nominal range of lights is expressed in nautical miles (NM) unless otherwise noted.

14786 14th Ed. 01-OCT-08 Last LNM: 26/15 NAD 83 26/16

ChartTitle: **SMALL-CRAFT BOOK CHART New York State Canal System (book of 61 Charts)**

Extension 1029 NEW YORK STATE BARGE CANAL SYSTEM CAYUGA AND SENECA CANALS CS1. Page/Side: cs1

			NOS	
ADD	Obstruction; Obstn rep PA	Chart No. 1: K40 (NOS NW-25719)	42-50-39.100N	076-42-25.400W

14791 18th Ed. 01-MAR-04 Last LNM: 14/98 NAD 83 26/16

ChartTitle: **Cayuga and Seneca Lakes;Watkins Glen;Ithaca**

Main Panel 1108 CAYUGA AND SENECA LAKES. Page/Side: N/A

			NOS	
ADD	Obstruction; Obstn rep PA	Chart No. 1: K40 (NOS NW-25719)	42-50-39.100N	076-42-25.400W

14842 16th Ed. 01-MAY-16 Last LNM: 15/16 NAD 83 26/16

ChartTitle: **SMALL-CRAFT BOOK CHART - Port Clinton to Sandusky, including the Islands (book of 35 charts)**

Main Panel 1163 SOUTH SHORE LAKE ERIE PORT CLINTON TO SANDUSKY 2. Page/Side: _02

		NOS	
NEW EDITION	Scale 1: VARIOUS; New Edition (16 ed, 05/01/16) due to numerous Notice to Mariner changes This NOAA chart is now available in both the Print-on Demand and digital raster formats. See http://nauticalcharts.noaa.gov/mcd/dole.htm for details. The corresponding traditional paper chart will be available in two to eight weeks.	--	--

14901 16th Ed. 01-JUN-16 Last LNM: 11/16 NAD 83 26/16

ChartTitle: **Lake Michigan (Mercator Projection)**

Main Panel 1361 LAKE MICHIGAN. Page/Side: A

		NOS	
NEW EDITION	Scale 1: 500,000; New Edition (16 ed, 06/01/16) due to topographic changes This NOAA chart is now available in both the Print-on Demand and digital raster formats. See http://nauticalcharts.noaa.gov/mcd/dole.htm for details. The corresponding traditional paper chart will be available in two to eight weeks.	--	--

14910 24th Ed. 01-JUN-16 Last LNM: 27/14 NAD 83 26/16

ChartTitle: **Lower Green Bay;Oconto Harbor;Algoma**

Main Panel 1388 LOWER GREENBAY ALGOMA AND OCONTO. Page/Side: A

		NOS	
NEW EDITION	Scale 1: 80,000; New Edition (24 ed, 06/01/16) due to various general changes This NOAA chart is now available in both the Print-on Demand and digital raster formats. See http://nauticalcharts.noaa.gov/mcd/dole.htm for details. The corresponding traditional paper chart will be available in two to eight	--	--

weeks.

14919 **29th Ed.** **01-DEC-15** **Last LNM: 12/15** **NAD 83** **26/16**

ChartTitle: **Sturgeon Bay and Canal;Sturgeon Bay**

Inset 1445 STURGEON BAY WISCONSIN. Page/Side: A

CHANGE	Depth Legend - Sturgeon Bay Harbor; 16 FT MAY 2006 - MAY 2016 (NOS NW-25712)	NOS 44-49-47.100N	087-22-47.100W
CHANGE	Depth Legend - Sturgeon Bay Harbor; 18 FEET FOR MID-WIDTH OF 125 FEET MAY 2016 (NOS NW-25712)	NOS 44-49-27.000N	087-21-57.000W
CHANGE	Depth Legend - Sturgeon Bay Harbor; 18 FEET MAY 2016 (NOS NW-25712)	NOS 44-49-43.000N	087-22-30.000W
CHANGE	Depth Legend - Sturgeon Bay Harbor; 20 FEET FOR MID-WIDTH OF 125 FEET MAY 2016 (NOS NW-25712)	NOS 44-50-30.000N	087-23-18.000W

Main Panel 1444 STURGEON BAY AND CANAL LAKE MICHIGAN. Page/Side: A

CHANGE	Depth Legend - Sturgeon Bay Harbor Entrance; 17 FEET APR 2016 (NOS NW-25712)	NOS 44-47-34.000N	087-18-42.000W
CHANGE	Depth Legend - Sturgeon Bay Harbor; 18 FEET FOR MID-WIDTH OF 125 FEET MAY 2016 (NOS NW-25712)	NOS 44-48-43.000N	087-20-23.000W
CHANGE	Depth Legend - Sturgeon Bay Harbor; 18 FEET FOR MID-WIDTH OF 125 FEET MAY 2016 (NOS NW-25712)	NOS 44-49-27.000N	087-21-57.000W
CHANGE	Depth Legend - Sturgeon Bay Harbor; 20 FEET FOR 130 FEET MAY 2016 (NOS NW-25712)	NOS 44-48-04.000N	087-19-26.000W

14932 **24th Ed.** **01-NOV-15** **Last LNM: 12/15** **NAD 83** **26/16**

ChartTitle: **Holland Harbor**

Main Panel 1487 HOLLAND HARBOR . Page/Side: A

DELETE	Sounding in Feet; 17 (NOS NW-25715)	NOS 42-46-24.030N	086-12-57.010W
CHANGE	Depth Legend - Holland Harbor; 18 FT MAR 2016 (NOS NW-25715)	NOS 42-46-22.800N	086-12-59.400W
ADD	Sounding in Feet; 12 (NOS NW-25715)	NOS 42-46-24.630N	086-12-59.400W

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)	Project Date	Ref. LNM
None		

Advance Notice(s)

ST. CLAIR RIVER - MI - Chart 14852

Harts landing Light (LLNR 9860) change the light characteristic from FG to Fl G 6(1) and increase the range from 8 to 9 statute miles. It has been reported that the FG characteristic is difficult to see with the background lights.

LNM: 48/15

LAKE HURON - MI - Lake Huron Cut - Chart 14862

Lake Huron Cut Light "7" (LLNR 10065) Permanently discontinue the fog signal and RACON.

LNM: 43/15

LAKE HURON - MI - Saginaw Bay - Chart 14863

Tawas Light (LLNR 11240) Discontinue the light at the lighthouse and move it to Tawas Point where the fog signal is located in approximate position 44-14.9040N / 083-27.5477W. Change the characteristic Oc W 4s (R sector) to Fl W 4(1). Eliminate the red sector. The range would remain 12 statute miles.

LNM: 44/13

LAKE HURON - MI - Port Huron to Pte Barques - Chart 14862

Port Sanilac Light (LLNR 10115) Reduce the range of the light from 16 statute miles to 14 statute miles.

LNM: 12/14

LAKE MICHIGAN - WI - Algoma to Sheboygan - Chart 14903

Kewaunee Shoal Light (LLNR 20950) change the seasonal fog signal operation from Apr. 1 to Dec. 1, to Apr. 1 to Nov. 1.

LNM: 27/14

LAKE MICHIGAN - WI - Upper Green Bay - Chart 14909

St. Martin Island Light (LLNR 21450) change the characteristic of the light from AL WR 10s to Fl W 10s. The range would be reduced from 18 statute miles to 16 statute miles.

LNM: 31/14

LAKE MICHIGAN - MI - Holland Harbor - Chart 14932

Holland Harbor South Pierhead Light (LLNR 19295) change the characteristic from AL WR 10s to Fl R 10s and reduce the range of the light from 17 statute miles to 15 statute miles.

LNM: 39/12

LAKE MICHIGAN - WI - Upper Green Bay - Chart 14909

Boyer Bluff Light (LLNR 21770) reduce the range of the light from 8 statute miles to 6 statute miles.
Eagle Bluff Light (LLNR 21825) reduce the range of the light from 7 statute miles to 6 statute miles.

LNM: 28/15

LAKE MICHIGAN - IN - Indiana Harbor - Chart 14929

Indiana Harbor Light "6" (LLNR 19695) Remove the higher intensity beam on bearing 165.5 degrees.
Indiana Harbor Light "7" (LLNR 19700) Remove the higher intensity beam towards the lake.

LNM: 46/15

LAKE MICHIGAN - WI - Port Washington to Waukegan - Chart 14904

Kenosha South Pier Light (LLNR 20435) Remove higher intensity beam lake ward.

LNM: 47/15

LAKE MICHIGAN - IL - Calumet River - Chart 14929

Calumet Harbor Breakwater South End Light (LLNR 19800) change the characteristic of the light from Al WR 10s to Fl R 10(1)s. Change the fog signal from operating continuously to "Fog Signal operates by keying microphone five times on VHF FM Channel 83A".

LNM: 48/15

LAKE MICHIGAN - MI - Waugoshance Point to Seul Choix Point - Chart 14911

St. James Light (LLNR 17845) increase the range of the light from 10 statute miles to 12 statute miles.

LNM: 22/13

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)	Closing	Docket No.	Ref. LNM
None			

Proposed Change Notice(s)

ST LAWRENCE RIVER - ILE ST. REGIS TO/A CROIL ISLANDS - Chart 1433(C)

St. Lawrence Seaway Buoy "19" (LLNR 125) permanently discontinue.

ST LAWRENCE RIVER - CROIL ISLANDS TO/A CARDINAL - Chart 1434(C)

Galop Island Sluff In Downstream Buoy (LLNR 825) permanently discontinue the buoy.

St. Lawrence Seaway Buoy "121A" (LLNR 830) permanently discontinue.

LAKE ONTARIO - CLYTON TO FALSE DUCK ISLAND - Chart 14802

East Charity Shoal Traffic Lighted Buoy (LLNR 1765) discontinue the physical lighted buoy and make the aid to navigation an AIS virtual ATON.

LAKE HURON - MI - Harrisville to Forty Mile Point - Chart 14864

Thunder Bay Traffic Lighted Bell Buoy "TB" (LLNR 11355) Add synthetic AIS to this aid when commissioned for the season and virtual AIS from December 01 to April 28.

LNM: 18/16

LAKE HURON - MI - Detour Passage to Waugoshance Point - Chart 14881

Cheboygan Traffic Lighted Bell Buoy (LLNR 12180) Add synthetic AIS to this aid when commissioned for the season and virtual AIS from December 07 to May 01.

LNM: 18/16

LAKE MICHIGAN - WI - Manitowoc and Sheboygan - Chart 14922

Sheboygan North Pierhead Light (LLNR 20835) increase the range of the light from 3 statute miles to 6 statute miles.

LNM: 13/16

LAKE MICHIGAN - MI - Waugoshance Point to Seul Choix Point - Chart 14911

Simmons Reef Lighted Bell Buoy "2" (LLNR 17760) discontinue the nun winter mark from November 28 to April 21.

LNM: 15/16

LAKE MICHIGAN - WI - Upper Green Bay - Chart 14909

Baileys Harbor Entrance Lighted Bell Buoy (LLNR 21235) Add synthetic AIS to this aid when commissioned for the season and virtual AIS from October 14 to April 21.

LNM: 18/16

LAKE SUPERIOR - MI - Big Bay Point to Redridge - Chart 14964

Copper Harbor Entrance Lighted Bell Buoy "CH" (LLNR 15180) Add synthetic AIS to this aid when commissioned for the season and virtual AIS from October 14 to May 14.

LNM: 18/16

For any comments or questions on these proposed changes please contact:

Mr. Doug Sharp of the Ninth District Aids to Navigation office at (216) 902-6070.

LNM: 30/13

SECTION VII - GENERAL

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

Waterways Analysis and Management System Study - 2016

The Coast Guard is conducting a Waterways Analysis and Management System Study on the following waterways during 2016. The study focuses on the area's aid to navigation system, waterborne commerce, marine casualty information, emergency response plans, routine and emergency communication capabilities, and future development projects. Any company or individual wishing to comment on the waterway reviews listed below is encouraged to contact the Coast Guard unit listed or email comments to william.d.sharp@uscg.mil. Any comments emailed will be forwarded to the appropriate unit for use in the WAMS project. A survey is attached to the Local Notice to Mariner and can be used to comment on these reviews or on any waterways located in the Great Lakes.

Sackets Harbor (LLNR 1755 - 2024.9)
Oswego Harbor (LLNR 2025 - 2140)
Sodus Bay (LLNR 2145 -2275)
Buffalo Black Rock Canal (LLNR 2665 - LLNR 3360)
Dunkirk Harbor (LLNR 3365 - LLNR 3492)
Commander
Sector Buffalo
1 Fuhrmann Blvd.
Buffalo, N.Y. 14203
(716) 843-9524

Huron Harbor (LLNR 4430 - LLNR 5455)
Commanding Officer
USCGC Bristol Bay (WTGB 102)
110 Mt. Elliot Avenue
Detroit, Mi. 48207

Waterways Analysis and Management System Study - 2016
(313) 568-9548

Munising/Grand Marais (LLNR 14550 - LLNR 14615)
Marquette (LLNR 14620 - LLNR 14720)
Boundary Waters / Lake of the Woods (LLNR 16925 - LLNR 17715)
Commander
Sector Sault Ste. Marie
337 Water St.
Sault Ste. Marie, Mi. 49783
(906) 635-3270

Keweenaw Waterway (LLNR 14725 - LLNR 15250)
Commanding Officer
USCGC Alder (WLB 216)
1201 Minnesota Avenue
Duluth, Mn. 55802
(218) 529-3131

LNM: 39/12

GREAT LAKES - Marine Events
Marine events such as races, parades, regattas, and fireworks displays are frequently held in the Great Lakes region. Advance information on specific events is contained in enclosure (2) of this publication. The public is reminded to listen to the local broadcast notice to mariners for the most up-to-date information on a marine event. Mariners are advised that some events may require temporary aids to navigation that are not displayed on a chart or in the Light List, and that they should exercise additional caution while operating in the vicinity of a scheduled marine event.

LNM: 24/13

NEW YORK BARGE CANAL – NY – Erie Canal – Chart 14786 – Bridge Maintenance
From May 1 through August 31, 2016 the E-128 Main Street Bridge at Mile 248.1 over the Erie Canal at Lockport, NY will be secured to masted navigation and a 12 foot wide platform that hangs approximately 5 feet below low steel will be installed at the center of the draw span.

LNM: 16/16

NEW YORK BARGE CANAL – NY – Erie Canal – Chart 14786 – Bridge Maintenance
From April 1, 2016 through October 31, 2017, two platforms will be installed under the E-63A, I-81 Bridges at Mile 150.7 over the Erie Canal at Hastings, NY that are 8 feet wide and hang approximately 4 feet below low steel. Flashing red lights will be displayed on the bottom four-corners of the platforms and a minimum of 85 feet horizontal clearance will be clear of any obstructions to allow vessels to pass under the bridge.

LNM: 45/15

LAKE ONTARIO – NY – Rochester River - Chart 14815 – Bridge Special Event
On September 18, 2016 between the hours of 0400 and 1330 the O 'Rorke Bridge at Mile 1.25 over the Genesee River will be secured to masted navigation in conjunction with the Rochester Marathon. Vessels able to pass under the bridge without an opening may do so at any time.

LNM: 10/16

LAKE ERIE – NY – Niagara River – Chart 14816 – Bridge Maintenance
From June 13 through October 27, 2016 scaffolding will be installed under the American Rapids Bridge at Goat Island over the Niagara River that hangs approximately 7 feet below low steel. Man lifts will be used during the installation and removal of the scaffolding. Spotters will warn of approaching vessels and move the man lifts to allow vessels to pass.

LNM: 23/16

LAKE ERIE – NY – Niagara River – Chart 14822 – Bridge Maintenance
From July 10, 2016 through May 18, 2019 scaffolding that extends approximately 6 feet below low steel will be installed under the Peace Bridge at Mile 1.5 over the Black Rock Canal. Amber lights will mark the bottom and four corners of the scaffolding hanging below low steel. Scaffolding under the bridge over the Niagara River will remain above low steel.

LNM: 16/15

LAKE ERIE – NY – Niagara River - Chart 14822 – Bridge Maintenance
From June 6 through June 30, 2016 between the hours of 0700 and 1600 Monday through Friday, a 100 foot by 34 foot barge will be washing the South Grand Island Bridges at Mile 27.5 over the Niagara River. The barge will move to accommodate vessels as needed.

LNM: 11/16

LAKE ERIE – OH – Islands in Lake Erie – Chart 14844

LAKE ERIE – OH – Islands in Lake Erie – Chart 14844

Geo. Gradel Co. will be conducting dredging operations at Port Clinton Harbor, Port Clinton, OH. Operations will commence July 5th, 2016 thru October 3rd, 2016. Hours of operation are 7:00 A.M. to 7:00 P.M. Vessel checkdown is required within 1500 feet. Vessels may contact Tug Prairieland on marine VHF Channel 10, 16, or 18. For further information contact Mr. Shawn Claar at (419)277-1758.

LNM: 23/16

LAKE ERIE – OH – Islands in Lake Erie – Chart 14844

Lakeside Chautauqua will be hosting the Lakeside Fireworks in Lakeside, OH. There will be a safety zone in place encompassing all waters of Lake Erie, within a 560-foot radius of the fireworks barge located in position 41-32'52"N 82-45'03"W on July 4th, 2016 from 9:45 P.M. to 10:30 P.M. For further information contact Shirley Stary at (419)651-2383.

LNM: 25/16

LAKE ERIE – OH – Islands in Lake Erie – Chart 14844

Bay Point Fireworks will be hosting Bay Point Fireworks Display in Marblehead, OH. There will be a safety zone in place encompassing all waters of Lake Erie, within a 250-yard radius of the fireworks barge located in position 41-30'29.23"N 82-43'8.45"W on July 2nd, 2016 from 10:00 P.M. to 10:30 P.M. For further information contact John Dress at (419)341-0404.

LNM: 25/16

LAKE ERIE – OH – Islands in Lake Erie – Chart 14844

Catawba Island Club will be hosting Catawba Fireworks Display in Port Clinton, OH. There will be a safety zone in place encompassing all waters of Lake Erie, within a 300-yard radius of the fireworks launch located in position 41-34'20"N 82-51'18"W on September 4th, 2016 from 9:15 P.M. to 9:45 P.M. Vessels may contact OH1888EK on marine VHF Channel 16. For further information contact Michael Schenk at (419)341-0648.

LNM: 25/16

LAKE ERIE – MI – Toledo Harbor – Chart 14847

The City of Luna Pier will be hosting the Freedom Festival Fireworks at Clyde R Evans Municipal Pier, Luna Pier, MI. There will be a safety zone in place encompassing all waters of Lake Erie, within a 300-yard radius of the fireworks launch site located at position 41-48'32"N 83-26'23"W on July 2nd, 2016 from 9:30 P.M. to 11:00 P.M. Vessels may contact the Sheriff Department Vessel on marine VHF Channel 16. For further information contact Mayor Dave Davison at (734)848-6495x201.

LNM: 25/16

LAKE ERIE – OH – Maumee River - Chart 14846 – Bridge Replacement

From July 1, 2015 through December 31, 2017, Bridge demolition and construction activities will be performed at the State Route 109 Bridge at Mile 44.4 over the Maumee River near Napoleon, Ohio. Mariners should use caution when transiting the area.

LNM: 20/14

LAKE ERIE – OH – Maumee River - Chart 14846 – Bridge Discrepancy

The Coast Guard has received a report that the lights on the CSX Railroad Bridge at Mile 11.38 over the Maumee River are extinguished.

LNM: 14/15

LAKE ERIE – OH – Maumee River – Chart 14846 – Bridge Maintenance

From May 2 through August 1, 2016 between the hours of 0700 and 1530, Monday through Friday a 70 foot by 35 foot barge will be working under the Veterans Glass Memorial Bridge at Mile 3.25 and the Craig Memorial Bridge at Mile 3.30, both over the Maumee River. The barge will move if a 1 hour advance notice of arrival is provided to the barge on VHF-FM Marine Radio or by calling: 419-467-5127 or 419-494-5373.

LNM: 15/16

LAKE ERIE – OH – Lorain Harbor – Chart 14841 – Bridge Maintenance

From May 2 through September 16, 2016 a 120 foot by 30 foot barge will be working at the 21st Street Bridge at Mile 2.0 over the Black River. The barge will move to allow vessels to pass with a 1 hour advance notice. Mariners should provide advance notice directly to the barge on VHF-FM Marine channel 16 or by calling: 614-679-2564.

LNM: 12/16

LAKE ERIE – OH – Cleveland Harbor – Chart 14839 – Bridge Maintenance

On September 19 and September 21, 2016 between 0800 and 2000 each day, the Norfolk Southern Railroad Bridge at Mile 0.76 over the Cuyahoga River will be secured to masted navigation. Vessels able to pass under the bridge without an opening may do so at any time.

LNM: 21/16

LAKE ERIE – OH – Cleveland Harbor - Chart 14839 – Bridge Discrepancy

Due to mechanical discrepancies, from April 30 through approximately September 30, 2016, the Willow Avenue Bridge at Mile 1.02 over the Old River Channel of the Cuyahoga River will be secured to recreational vessels except the bridge will open and remain open from 1900 to 0100, Monday through Friday. On weekends and federal holidays the bridge will open for recreational vessels and remain open from 1000 to 1400 and from 1700 to 0200. Commercial vessels are requested to provide at least 2-hours advance notice of arrival by contacting the Carter Road Bridge Operator on VHF-FM Channel 16 or by calling (216) 664-4767. The Bridge Operator is requested to announce the estimated arrival time and bridge opening on VHF-FM Channel 16 as general marine information. Signs shall be posted on the upriver and downriver sides advertising the bridge schedule for boaters. Mariners are urged to use caution and avoid congregating on both sides of the drawbridge awaiting scheduled openings.

LAKE ERIE – OH – Cleveland Harbor - Chart 14839 – Bridge Discrepancy

LNM: 14/16

LAKE ERIE – OH – Huron Harbor – Chart 14843

The City of Huron will be hosting the Red, White & Blues Bang Display on the Huron River. There will be a safety zone in place encompassing all waters of Huron Harbor, within a 300-yard radius of the fireworks launch site located a the Huron Ore Docks at positin 41-23'38"N 82-32'59"W on July 2nd, 2016 from 10:30 P.M. to 10:45 P.M. Vessels may contact the City of Huron Fire Rescue Vessel and Patrol Vessel on marine VHF Channel 16. For further information contact Doug Steinwart at (419)656-1395.

LNM: 25/16

LAKE ERIE – OH – Huron Harbor – Chart 14843

Huron River Fest, Inc. will be hosting the Huron River Fest Fireworks on the Huron River. There will be a safety zone in place encompassing all waters of Huron Harbor, within a 350-yard radius of the fireworks launch site located a the Huron Ore Docks at positin 41-23'38"N 82-32'59"W on July 8th, 2016 from 10:15 P.M. to 10:30 P.M. Vessels may contact the City of Huron Fire Rescue Vessel and Patrol Vessel on marine VHF Channel 16. For further information contact Doug Steinwart at (419)656-1395.

LNM: 25/16

DETROIT RIVER – MI –Detroit River– Chart 14848

E. C. Korneffel Co. will be conducting shoal installation operations in the Detroit River between Grosse Ise and Stony Island. Operations will commence July 1st, 2016 thru December 31st, 2017 from 7:00 A.M. to 7:00 P.M. Monday through Saturday. Vessels may contact CAPTAIN DAVE on marine VHF Channel 16 or 13. For further information contact Mr. Bruce Kresslein at (734-676-2131.

LNM: 26/16

DETROIT RIVER – MI – River Rouge – Chart 14854 – Bridge Inspection

From July 18 through July 22, 2016 between the hours of 0700 and 1900 daily, inspectors will be using a barge at the West Jefferson Avenue Bridge at Mile 1.10 over the River Rouge. The barge will move if provided a 1 hour advance notice of arrival on VHF-FM Marine channel 16 or by calling 616-215-4359 or 616-607-4546.

LNM: 26/16

LAKE HURON – MI – Alpena Harbor – Chart 14864 – Bridge Maintenance

From October 11, 2016 through June 10, 2017 the Second Avenue Highway Bridge at Mile 0.4 over the Thunder Bay River at Alpena, MI will be rehabilitated. From October 11 through November 8, 2016 the bridge will require a 12-hour advance notice for openings. Mariners should provide advance notice by calling 989-464-3416. From November 9, 2016 through June 10, 2017 the bridge will be secured to masted navigation. Vessels able to pass under the bridge without an opening may do so at any time. From April 15, 2017 through June 10, 2017 scaffolding that extends approximately 3 feet below low steel will be installed under the bridge. Steady burning amber lights will be displayed on the bottom and four corners of the scaffolding. Periodically during this project a barge will be used at the bridge.

LNM: 23/16

LAKE HURON – MI – Saginaw River – Chart 14867 – Bridge Maintenance

From June 20 through July 7, 2016 between the hours of 0700 and 1700 Monday through Thursday, the Michigan Central Railroad Bridge at Mile 4.94 over the Saginaw River will require a 2 hour advance notice for openings. Mariners should provide advance notice by calling: 989-529-0952.

LNM: 23/16

LAKE HURON – MI – Inland Route- Chart 14886 – Bridge Maintenance

From January 2, 2017 through March 31, 2017 the State Street Bridge at Mile 0.92 will be secured to masted navigation. Scaffolding will be installed that hangs approximately 6 feet below the bridge and a barge will be used at the bridge. A 30 foot wide channel will be maintained to allow vessels to pass under the bridge.

LNM: 40/15

LAKE MICHIGAN – IL – Chicago Sanitary and Ship Canal – Chart 14927 – Bridge Maintenance

From July 11 through September 2, 2016 two 32 foot by 24 foot barges will be working behind the protection cells of the South Western Avenue Bridge at Mile 6.7 (CORPS MILE 320.6) over the Chicago Sanitary and Ship Canal. No equipment will be in the navigational channel.

LNM: 23/16

LAKE MICHIGAN – MI – Grand Haven – Chart 14933 – Bridge Special Event

From 2200 on July 4 until 0200 on July 5, 2016 the U.S. 31 Bridge at Mile 2.89 over the Grand River will be secured to masted navigation in conjunction with the City of Grand Haven fireworks display.

LNM: 12/16

LAKE MICHIGAN – MI – Grand Haven – Chart 14933 – Bridge Discrepancy

The Coast Guard has received a report that the lights on the US31 Bridge at mile 2.9 over the Grand River are extinguished.

LNM: 24/16

LAKE MICHIGAN – MI – Grand Haven – Chart 14933 – Bridge Special Event

From 2200 on August 6 until 0200 on August 7, 2016the U.S. 31 Bridge at Mile 2.89 over the Grand River will be secured to masted navigation in conjunction with the Coast Guard Day fireworks display.

LAKE MICHIGAN – MI – Grand Haven – Chart 14933 – Bridge Special Event

LNM: 12/16

LAKE MICHIGAN – MI – Grand Haven – Chart 14938 – Bridge Discrepancy

The Coast Guard has received a report that the lights on the CSX Railroad Bridge at Mile 1.38 over the Grand River and the Third Street Bridge at Mile 1.84 over the South Channel of the Grand River are extinguished.

LNM: 26/16

LAKE MICHIGAN – MI – Grand Haven – Chart 14938 – Bridge Discrepancy

The Coast Guard has received a report that the lights on the Route 104 Bridge at Mile 3.15 over the Spring Lake Channel of the Grand River and the lights on the CSX Railroad Bridge at Mile 2.01 and the US Route 31 Bridge, both over the South Channel of the Grand River are extinguished.

LNM: 26/16

LAKE MICHIGAN – MI – Grand Haven – Chart 14938 – Bridge Discrepancy

The Coast Guard has received a report that the lights on the M-231 Bridge at Mile 12.0 over the Grand River are extinguished.

LNM: 26/16

LAKE MICHIGAN – IL – Chicago River – Chart 14927 – Bridge Maintenance

From October 23, 2015 through September 1, 2016 one leaf of the Lake Street Bridge at Mile 1.64, CORPS MILE 325.5, over the South Branch of the Chicago River will be secured to masted navigation, except from March 1 through April 29, 2016 when both leaves of the bridge will operate normally.

LNM: 39/15

LAKE MICHIGAN – IL – Chicago River – Chart 14927 – Bridge Discrepancy

Due to a mechanical failure the following bridges can only operate one leaf and the other leaf is stuck in the down position: the Columbus Drive Bridge at Mile 0.67 (corps mile 0.67) over the Main Branch of the Chicago River and the Roosevelt Road Bridge at Mile 2.94 (CORPS MILE 324.3) over the South Branch of the Chicago River. The estimated time to receive new parts and repair the bridges is July 1, 2016.

LNM: 23/16

LAKE MICHIGAN – IL – Chicago River – Chart 14927 – Bridge Discrepancy

The Coast Guard has received a report that the dolphins near the location of the former Polk Street Bridge at Mile 2.16 over the South Branch of the Chicago River and the former Erie Street Bridge at Mile 2.21 over the North Branch of the Chicago River are a hazard to navigation.

LNM: 21/16

LAKE MICHIGAN – IL – Chicago River – Chart 14927 – Bridge Maintenance

From March 1 through December 31, 2016, Monday through Saturday, 0700 to 1700 and 2200 to 0500 daily, three 195 foot by 55 foot or smaller barges will be working at the Adams Street Bridge at Mile 2.08, CORPS MILE 325.1, over the South Branch of the Chicago River. The barges will move if provided a 30 minute advance notice of arrival on VHF-FM Marine Channel 16 or by calling: 312-656-7636.

LNM: 03/16

LAKE MICHIGAN – IL – Chicago River – Chart 14927 – Bridge Discrepancy

The Coast Guard has received a report that the following bridges over the Main, North, and South Branches of the Chicago River have lights showing improper characteristics, obstructed, missing, or lights that are extinguished:
Lake Shore Drive Bridge at Mile 0.32
Columbus Drive Bridge at Mile 0.67
Michigan Avenue Bridge at Mile 0.85
Wabash Avenue Bridge at Mile 0.98
State Street Bridge at Mile 1.05
Dearborn Street Bridge at Mile 1.13
Washington Street Bridge at Mile 1.81
Madison Street Bridge at Mile 1.90
Monroe Street Bridge at Mile 1.99
Van Buren Street Bridge at Mile 2.26
Kinzie Street Bridge at Mile 1.81
Grand Avenue Bridge at Mile 2.00
Ohio Street Bridge at Mile 2.09
Chicago Avenue Bridge at Mile 2.40
North Halstead Street Bridge at Mile 2.65

LNM: 26/16

LAKE MICHIGAN – IL – Chicago River – Chart 14927 – Bridge Maintenance

From April 4 through September 6, 2016 platforms that extend approximately 4 feet into the channel will be installed on the piers at the Western Avenue Bridge at Mile 6.39, CORPS MILE 330.2, over the North Branch of the Chicago River.

LNM: 14/16

LAKE MICHIGAN – IL – Chicago River - Chart 14927 – Bridge Discrepancy

The Coast Guard has received a report that the lights on the Division Street Bridge at Mile 3.30 (CORPS MILE 327.0) over the North Branch of the Chicago River are extinguished.

LNM: 50/14

LAKE MICHIGAN – IL – Chicago River - Chart 14927 – Bridge Discrepancy

The Coast Guard has received a report that the lights on the Cortland Street Bridge at Mile 4.48 (CORPS MILE 328.2) over the North Branch of the Chicago River are extinguished.

LNM: 50/14

LAKE MICHIGAN – IN – Indiana Harbor, Chart 14929 – Bridge Underwater Hazard

The Coast Guard has received a report of an underwater obstruction near the position of the former Canal Street Bridge at Mile 1.88 over the Indiana Harbor Canal.

LNM: 01/14

LAKE MICHIGAN – MI – Stony Lake to Point Betsie – Chart 14907

MCM Marine, Inc. will be conducting dredging operations at Ludington Harbor, Ludington, MI. Operations will commence June 4th, 2016 thru July 3rd, 2016. Vessels may contact Dredge ARTHUR J. on marine VHF Channel 16 or 72. For further information contact Mr. Darwin McCoy at (906)632-4316 or Mr. John Kuemin at (906)440-2570.

LNM: 23/16

LAKE MICHIGAN – WI – Sturgeon Bay Ship Canal - Chart 14919 – Bridge Maintenance

From May 1 through June 30, 2016 the Bay View, State Routes 42/57 Bridge at Mile 3.0 over the Sturgeon Bay Ship Canal will be secured to masted navigation. Vessels able to pass under the bridge without an opening may do so at any time.

LNM: 52/15

LAKE MICHIGAN – IL – Calumet-SAG Channel – Chart 14927 – Bridge Discrepancy

The Coast Guard has received a report that the lights on the following bridges over the Calumet-SAG Channel are extinguished:
Norfolk Southern Railroad Bridge at Mile 22.13, CORPS MILE 310.8.

LNM: 12/16

LAKE MICHIGAN – IL – Calumet SAG Channel - Chart 14927 – Bridge Maintenance

From September 8, 2015 through August 27, 2016 scaffolding will be installed under one half of the Division Street Bridge at Mile 14.49, CORPS MILE 318.5, over the Calumet-SAG Channel that hangs approximately 4 feet below low steel. Steady burning amber lights will mark the bottom and four corners of the scaffolding. One 60 foot by 40 foot barge will be working at the piers under the scaffolding. The barge will monitor VHF-FM marine Channel 16 and will move for river traffic as needed.

LNM: 35/15

LAKE MICHIGAN – IL – Calumet-SAG Channel – Chart 14927 – Bridge Maintenance

From March 28 through November 11, 2016 scaffolding will be installed under one half of the Chatham Street Bridge at Mile 14.77 over the Calumet-SAG Channel that extends approximately 4 feet below low steel. The scaffolding will be on the same side of the river as the scaffolding on the Division Street Bridge allowing vessels to pass through both bridges without major course changes. A 60 foot by 40 foot barge may be used under the scaffolding. The barge may be contacted on VHF-FM Marine Radio Channel 16.

LNM: 13/16

LAKE MICHIGAN – IL – Calumet-SAG Canal – Chart 14927 – Bridge Discrepancy

The Coast Guard has received a report that the lights on the Ridgeland Avenue Bridge at Mile 20.47 (CORPS MILE 312.5) over the Calumet-SAG Channel are extinguished.

LNM: 25/15

LAKE MICHIGAN – IL – Calumet-SAG Channel – Chart 14927 – Bridge Maintenance

From June 6 through August 10, 2016 scaffolding will be installed under one half of the Harlem Avenue Bridge at Mile 21.48 (CORPS MILE 311.5) over the Calumet-SAG Channel that extends approximately 2 feet below low steel. The other half of the bridge will remain clear of any cables or other obstructions below the low steel. The contractor will start with scaffolding under the north half of the bridge and then switch to the south half. The bottom and four corners of the scaffolding will be marked with steady burning amber lights.

LNM: 21/16

LAKE MICHIGAN – IL – Chicago River - Chart 14927 – Bridge Discrepancy

The Coast Guard has received a report that the lights on the 18th Street Bridge at Mile 3.60 (CORPS MILE 323.7) over the South Branch of the Chicago River are extinguished.

LNM: 35/15

LAKE MICHIGAN – IL – Little Calumet River – Chart 14927 – Bridge Discrepancy

The Coast Guard has received a report that the lights on the South Hallstead Street Bridge at Mile 13.0, CORPS MILE 320.1, over the Little

LAKE MICHIGAN – IL – Little Calumet River – Chart 14927 – Bridge Discrepancy

Calumet River are extinguished.

LNM: 12/16

LAKE MICHIGAN – IL – Little Calumet River – Chart 14927 – Bridge Discrepancy

The Coast Guard has received a report that the lights on the following bridges over the Little Calumet River are extinguished:
Indiana Avenue Bridge at Mile 10.80 (CORPS MILE 322.2)

LNM: 17/15

LAKE MICHIGAN – IL – Little Calumet River – Chart 14927 – Bridge Maintenance

From June 15 through July 31, 2016 between the hours of 0700 and 1530, Monday through Friday a 120 foot by 25 foot barge will be working under the Indiana Avenue Bridge at Mile 10.80 (CORPS MILE 322.3) over the Little Calumet River. The barge will move if provided a 2 hour advance notice of arrival on VHF-FM Marine Channel 16. Vessels are requested to pass the barge at a slow speed.

LNM: 19/16

LAKE MICHIGAN – IL – Little Calumet River – Chart 14927

Torrence Avenue Bridge on the Grand Calumet River, Chicago, IL will be demolished on February 29th or an alternate date from March 1st thru March 10th, 2016. Operations are scheduled 0800-1300 and a safety zone will enforced on the Little Calumet River 1,500 feet in both directions from the junction of the Grand Calumet River and the Little Calumet River. For further information contact Sector Lake Michigan at (414) 747-7190, or Marine Safety Unit Chicago at (630) 986-2155.

LNM: 07/16

LAKE MICHIGAN – IL – Grand Calumet River – Chart 14927 – Bridge Construction

From February 8, 2016 through August 25, 2017 contractors will be replacing the Torrance Avenue Bridge at Mile 0.06 over the Grand Calumet River. A 40 foot channel will be available to mariners during the replacement. Any temporary structures used in the construction of the new bridge will be marked with steady burning amber lights.

LNM: 06/16

LAKE MICHIGAN – IL – Calumet River – Chart 14927 – Bridge Discrepancy

The Coast Guard has received a report that the center lights on the Torrence Avenue Bridge at Mile 5.26, CORPS MILE 328.0, are showing improper characteristics.

LNM: 12/16

LAKE MICHIGAN – IL – Calumet River – Chart 14927 – Bridge Discrepancy

The Coast Guard has received a report that the lights on the following bridge over the Calumet River are discrepant:
City of Chicago Railroad Bridge at Mile 5.24, all lights extinguished.
130th Street Bridge at Mile 6.25, all lights extinguished.

LNM: 38/15

LAKE MICHIGAN – WI – Racine Harbor – Chart 14925 – Bridge Special Event

On July 4, 2016, between the hours of 0745 and 1130 and again between the hours of 2130 and 2230 the Main Street Bridge at Mile 0.31 and the State Street Bridge at Mile 0.53, both over the Root River will be secured to masted navigation in conjunction with the Fourth Fest of Greater Racine.

LNM: 13/16

LAKE MICHIGAN – WI – Menominee and Marinette Harbors - Chart 14917 – Bridge Maintenance

From September 7, 2015 through July 1, 2016 between the hours of 0600 and 1700, Monday through Friday, two 80 foot by 40 foot barges will be replacing the dolphins at the Ogden-First Street Bridge at Mile 0.7 over the Menominee River. The barges will occupy half of the channel but will move to accommodate large vessels with a 30 minute advance notice. Mariners should provide advance notice directly to the barge on VHF-FM Marine Channel 16 or by calling: 262-366-5360 or 262-366-5316. The new dolphins will display steady burning red lights until permanent lighting is installed.

LNM: 35/15

LAKE MICHIGAN – MI – Manistee Harbor - Chart 14938 – Bridge Discrepancy

The Coast Guard has received a report that the following bridge lights over the Manistee River are extinguished:
Maple Street Bridge at Mile 1.1
U.S. Route 31 Bridge at Mile 1.4
CSX Railroad Bridge at Mile 1.5

LAKE MICHIGAN – MI – Manistee Harbor - Chart 14938 – Bridge Discrepancy

LNM: 26/16

LAKE MICHIGAN – WI – Green Bay – Chart 14918 – Bridge Discrepancy

The Coast Guard has received a report that the bridge fendering system on the Canadian National Railroad Bridge at Mile 3.31 over the Fox River is reported damaged with debris protruding into the navigation channel.

LNM: 41/15

AVAILABILITY OF PUBLIC NOTICE

All interested parties are notified that an application has been received by Commander, Ninth Coast Guard District, from the City of Chicago, for approval of location and plans for the construction of a fixed pedestrian bridge over a navigable waterway of the United States.

WATERWAY AND LOCATION: Lakefront Pedestrian Bridge, Mile 0.32, Ogden Slip, City of Chicago, in Cook County, Illinois.

CHARACTER OF WORK: Construction of a fixed pedestrian bridge across Ogden Slip connecting existing pedestrian trails on DuSable Park and Lake Shore Park.

MINIMUM NAVIGATIONAL CLEARANCES:

PROPOSED
Horizontal: 67.5-ft between bridge piers, normal to the axis of the channel

Vertical: 22.21-ft at low steel, 22.46-ft at center. (Referred to Standard Low Water, Elevation 577.5-ft, Lake Michigan (IGLD85)).

The proposed pedestrian bridge would be built adjacent to the Lake Shore Drive NB Exit Ramp which offers lower vertical clearance over Ogden Slip. Lake Shore drive offers 21.05-ft at low steel and 21.21-ft at center (Referred to Low Water Datum, Lake Michigan, Elevation 577.50 (IGLD85)).

ENVIRONMENTAL CONSIDERATIONS: Through a Project Oversight Agreement with the Federal Highway Administration (FHWA) lead agency status has been assumed by the Illinois Department of Transportation (IL-DOT) for the proposed project. IL-DOT has reviewed and approved the project as a Categorical Exclusion (CATEX) for purposes of the National Environmental Policy Act (NEPA).

FOR MORE INFORMATION INCLUDING INSTRUCTIONS ON PROVIDING COMMENTS: The complete public notice including a brief summary of project impacts, a map of the location, and plans for the proposed bridge can be viewed and printed from the U.S. Coast Guard Navigation Center's web site http://www.navcen.uscg.gov/?pageName=pnBridges&Active=1&region=9 , or by calling, emailing or mailing a request to the Coast Guard project manager, Mr. Blair Stanifer. He can be contacted by telephone at (216) 902-6086, by mail at Commander (dpb), Ninth Coast Guard District, 1240 E. 9th St., Room 2047, Cleveland, OH 44199, or by email at William.b.stanifer@uscg.mil . Comments received will be made part of the case record.

All federal, state and local agencies and public representatives are requested to submit an email address(s) to the project manager to obtain this public notice and announcements of future public notices from this office.

Interested parties are requested to express their views, in writing, on the proposed bridge project giving sufficient detail to establish a clear understanding of their reasons for support or opposition to the proposed work. Comments will be received for the record at the office of: Commander (dpb), Ninth Coast Guard District, 1240 E. 9th St, Room 2047, Cleveland, OH 44199, for a 30 day period from the date of the public notice.

Mariners are requested to comment on the proposed vertical and horizontal navigational clearances and any other navigational safety issues including the extent of nighttime navigation past the bridge site.

LNM: 18/16

LAKE MICHIGAN – WI – Fox River - Chart 14916 – Bridge Construction

From October 2, 2014 through November 30, 2018 an 80 foot by 50 foot and a 40 foot by 40 foot barge will be constructing the new State Highway 441 Little Lake Buttes des Mortts Bridge at Mile 36.0 over the Fox River at Menasha, WI. A 30 foot wide channel will be maintained through the main navigational draws. Amber lights will mark the low steel of both bridges and red lights will mark the cofferdams around the new piers. The barges will be lighted in accordance with the Navigation Rules.

LNM: 40/14

LAKE MICHIGAN – WI – Fox River - Chart 14916 – Bridge Marine Event

The following bridges will be secured to masted navigation in conjunction with the Ganther Race the Lake on August 14, 2016:
Main Street Bridge at Mile 55.97 over the Fox River from 0600 to 0800.
Racine Street Bridge at Mile 37.91 over the Fox River from 0645 to 1000.

LNM: 48/15

LAKE MICHIGAN – WI – Fox River – Chart 14916 – Bridge Proposed Rule

The Coast Guard proposes to modify the operating schedule for
all drawbridges over the Fox River between DePere, WI and Oshkosh, WI. This proposed rule will align drawbridge operating schedules with lock schedules, and make the yearly schedules permanent and easier to follow for the entire river system and will establish permanent winter operating

LAKE MICHIGAN – WI – Fox River – Chart 14916 – Bridge Proposed Rule

schedules for all drawbridges. To review the complete document please cut and paste the following link to your browser:
https://www.gpo.gov/fdsys/pkg/FR-2016-05-06/html/2016-10566.htm
If you wish to comment your comments must reach the Coast Guard by June 20, 2016. Details on how to submit comments are included within the complete document viewable online.

LNM: 20/16

LAKE MICHIGAN – WI – Lower Fox River – Chart 14918 – Bridge Special Event

On July 4, 2016 between the hours of 1400 and 2300 the Main Street Bridge at Mile 1.58 over the Fox River at Green Bay will be secured to masted navigation in conjunction with the Green Bay Fourth of July Celebration. Vessels able to pass under the bridge without an opening may do so at any time.

LNM: 21/16

LAKE MICHIGAN – MI – St. Joseph and Benton Harbor – Chart 14930

Luedtke Engineering Co. will be conducting dredging operations at Inner Harbor, St. Joseph, MI. Operations will commence July 5th, 2016 thru August 31st, 2016 from 6:00 A.M. to 10:00 P.M. Vessels may contact Tug Kurt Luedtke on marine VHF Channel 10, 16, or 19. For further information contact Aaron Wills at (231)871-0062.

LNM: 25/16

LAKE MICHIGAN – MI – St Joseph – Chart 14930 – Bridge Special Event

From 2200 on July 4 to 0100 on July 5, 2016 the Blossomland M-63 Bridge at Mile 0.92 and the Twin Cities Bicentennial Bridge at Mile 1.30 both over the Saint Joseph River will be secured to masted navigation in conjunction with the city fireworks display. Vessels able to pass under the bridges without an opening may do so at any time.

LNM: 25/16

LAKE MICHIGAN – WI – Milwaukee Harbor – Chart 14924 – Bridge Special Events

From 2130 on June 29 to 0100 on June 30 and again from 2130 on July 3 to 0100 on July 4, 2016 all bridges from Mile 0.79 to Mile 1.46 over the Milwaukee River will be secured to masted navigation in conjunction with the Summerfest Event.

LNM: 24/16

LAKE MICHIGAN – WI – Milwaukee Harbor – Chart 14924 – Bridge Special Events

From July 1 through July 10, 2016 between the hours of 2300 and 0100 each day except July 4, all bridges from Mile 0.79 to Mile 1.46 over the Milwaukee River will be secured to recreational masted navigation in conjunction with the Summerfest event.

LNM: 24/16

LAKE MICHIGAN – WI – Milwaukee Harbor – Chart 14924 – Bridge Special Events

From July 22 through July 24, 2016 between the hours of 2200 and midnight each day, the Broadway Street at Mile 0.79 and the Water Street Bridge at Mile 0.94 both over the Milwaukee River will be secured to recreational masted navigation in conjunction with the Festa Italiana event.

LNM: 24/16

LAKE SUPERIOR – WI – Beaver Bay to Pigeon Point – Chart 14967

Roen Salvage Company will be conducting pipe installation at the shoreline of Lutsen, MN. Work will commence June 6th, 2016 thru July 31st, 2016. White and blue temporary mooring buoys will be present. Vessels may contact Tug John R. Asher or Tug Stephan Asher on marine VHF 7 or 16. For further information contact Mr. Barry Kuzay at (920)743-6533.

LNM: 23/16

LAKE SUPERIOR – MI – Houghton Hancock – Chart 14972 – Bridge Maintenance

From September 15, 2016 through December 31, 2016 and again from March 16, 2017 through June 15, 2017, the U.S. 41 Bridge at Mile 16.0 over the Keweenaw Waterway in Houghton-Hancock, MI will be locked in the intermediate position providing approximately 35 feet of clearance at low water datum. The bridge will open fully on the hour, every hour except at 0800, noon, and 1700, excluding holidays and weekends when the bridge will open fully on the hour every hour for recreational vessels. The bridge will operate on signal for commercial vessels.

LNM: 43/15

LAKE SUPERIOR – MN – Duluth Superior Harbor - Chart 14975 – Bridge Special Event

From 2000 to 2330 on July 4, 2016 the Minnesota Slip Bridge at the mouth of Minnesota Slip will be secured to masted navigation and from 1900 on July 4, 2016 to 0100 on July 5, 2016 the Duluth Ship Canal Bridge at Mile 0.25 over the Duluth Ship Canal will be secured to masted navigation, both in conjunction with the city's annual fireworks display. Vessels able to pass under either bridge without an opening may do so at any time. A rain date of July 5, 2016 is authorized.

LNM: 09/16

LAKE SUPERIOR – MN – Duluth Superior Harbor - Chart 14975 – Bridge Special Event

From August 18, 2016 through August 21, 2016 the Minnesota Slip Bridge at the mouth of Minnesota Slip shall open 15 minutes after the hour and 15 minutes before the hour in conjunction with the Tall Ships Challenge Event. Vessels able to pass under the bridge without an opening may do so at any time.

LNM: 09/16

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) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
None							

ENCLOSURES

(1) Summary of Dredging

26-16 Summary Of Dredging.pdf

Construction Operations in Effect

LNM: 14/14

(2) GREAT LAKES - General - Marine Events

spring_cruise2016.pdf PASSAGE THROUGH MACARTHUR LOCK.pdf 26-16 Marine Events.pdf

Summary of Marine Events

LNM: 14/14

GREAT LAKES - GENERAL - Private Aids to Navigation

26-16 Private Aids.pdf

GREAT LAKES

(3) SUMMARY OF BRIDGE MAINTENANCE / ACTIVITIES

2016-BRL-NOTICEtoNav-Schedule-Page.pdf

Bridge Maintenance / Activities in Effect.

LNM: 14/14

(4) WATERWAYS ANALYSIS AND MANAGEMENT SURVEY

WAMS Doc.pdf AIS ATON Announcement II.pdf

Great Lakes WAMS Questionaire

LNM: 14/14

J. E. RYAN, RDML
U. S. Coast Guard
Commander, Ninth Coast Guard District

SUMMARY OF DREDGING/CONSTRUCTION OPERATION IN EFFECT

The LNM column is where the entry originally appeared and where detailed information may be obtained. The dates listed are tentative.

LOCATION	LNM	SUBJECT	HOURS / DAYS	UNTIL
NEW YORK STATE BARGE CANAL				
Erie Canal, NY	19/13	DREDGING OPERATIONS	24 HRS / 7 DAYS	01 May 13 – TBD
Lockport, Brockport, and Fairport, NY	19/13	STABILIZATION OPERATIONS	24 HRS / 7 DAYS	01 May 13 – TBD
Buffalo River, NY	34/14	HABITAT RESTORATION	24 HRS / 7 DAYS	25 Aug 14 – TBD
LAKE ONTARIO				
None				
LAKE ERIE				
Cleveland, OH	05/13	CONSTRUCTION	24 HRS / 7 DAYS	29 Jan 13 – TBD
Fairport, OH	15/16	CONSTRUCTION	0600-2200 HRS / 7 DAYS	15 Apr 16 – 19 Dec 16
Port Clinton, OH	23/16	EAST JETTY REPAIR	0700-1900 / 7 DAYS	05 Jul 16 – 03 Oct 16
DETROIT RIVER				
Detroit, MI	33/14	CONSTRUCTION	24 HRS/ 7 DAYS	11 Aug 14- TBD
Grosse Isle, MI	26/16	SHOAL ISTALLATION	24 HRS / 7 DAYS	01 Jul 16 – 31 Dec 17
LAKE ST. CLAIR				
None				
LAKE HURON				
None				
STRAITS OF MACKINAC				
None				
ST MARYS RIVER				
None				
LAKE SUPERIOR				
Portage Lake, MI	31/13	SEDIMENT REMEDIATION	24 HRS / 7 DAYS	01 Sep 13 – TBD

ENCL (1)
LNM: 26/16
29 Jun 2016

SUMMARY OF DREDGING/CONSTRUCTION OPERATION IN EFFECT

The LNM column is where the entry originally appeared and where detailed information may be obtained. The dates listed are tentative.

LOCATION	LNM	SUBJECT	HOURS / DAYS	UNTIL
Ashland, WI	20/16	CONSTRUCTION	0600-1800 HRS / M-S	11 May 16 – 30 Nov 16
Lutsen, MN	23/16	PIPE INSTALLATION	24 HRS / 7 DAYS	06 Jun 16 – 31 Jul 16
LAKE MICHIGAN				
Green Bay, WI	20/16	DREDGING OPERATIONS	0700-1900 HRS / M-F	28 Mar 16 – 13 Nov 16
Ludington, MI	23/16	HYDRAULIC PIPELINE DREDGING	24HRS / 7 DAYS	04 Jun 16 – 03 Jul 16

DNR

MICHIGAN DEPARTMENT OF NATURAL RESOURCES

INTEROFFICE COMMUNICATION

15 April 2016

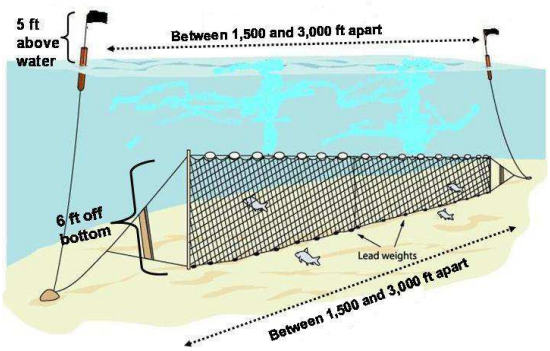
TO: Phil Schneeberger, Steve Scott, George Madison, Fisheries Division; Pete Wright, Law Enforcement Division

FROM: Shawn P. Sitar, Fisheries Research Biologist, Marquette Fisheries Research Station, Fisheries Division

SUBJECT: R/V Lake Char operations in Lake Superior, April-May 2016

This is a note to inform you that we will be conducting our annual spring gill net survey for lake trout in Lake Superior starting 18 April and completing by 30 May.

In these surveys, we use bottom set gill nets that range between 1,500 and 3,000 ft long, and they stand about 6 feet from the bottom and are set overnight. Our spring sampling stations are generally 80 to 250 deep and within a few miles from shore. The deepwater survey stations extend from near shore areas to more than 20 miles offshore spanning all depths greater than 80 ft. Our nets are marked with black flagged buoys that are labeled with our agency identification.



We will be conducting our spring survey in the following areas of Lake Superior: west of Keweenaw Peninsula in the Ontonagon and upper entry regions; East end of Isle Royale, outer Keweenaw Bay from Bete Grise to the Huron Islands; Big Bay; Marquette; Au Train, Munising, and Grand Marais.

Attached is a general schedule and coordinates for our nets for the lake trout surveys. Please inform all pertinent personnel of our schedule. Please note that we can be reached via 800 MHz Radios on our primary radio channel on Zone B, FIMARQT, or via marine radio channel 16. Our radio call sign is *R/V Lake Char*. We can also be reached on the boat via cell phone number 906-458-6925.

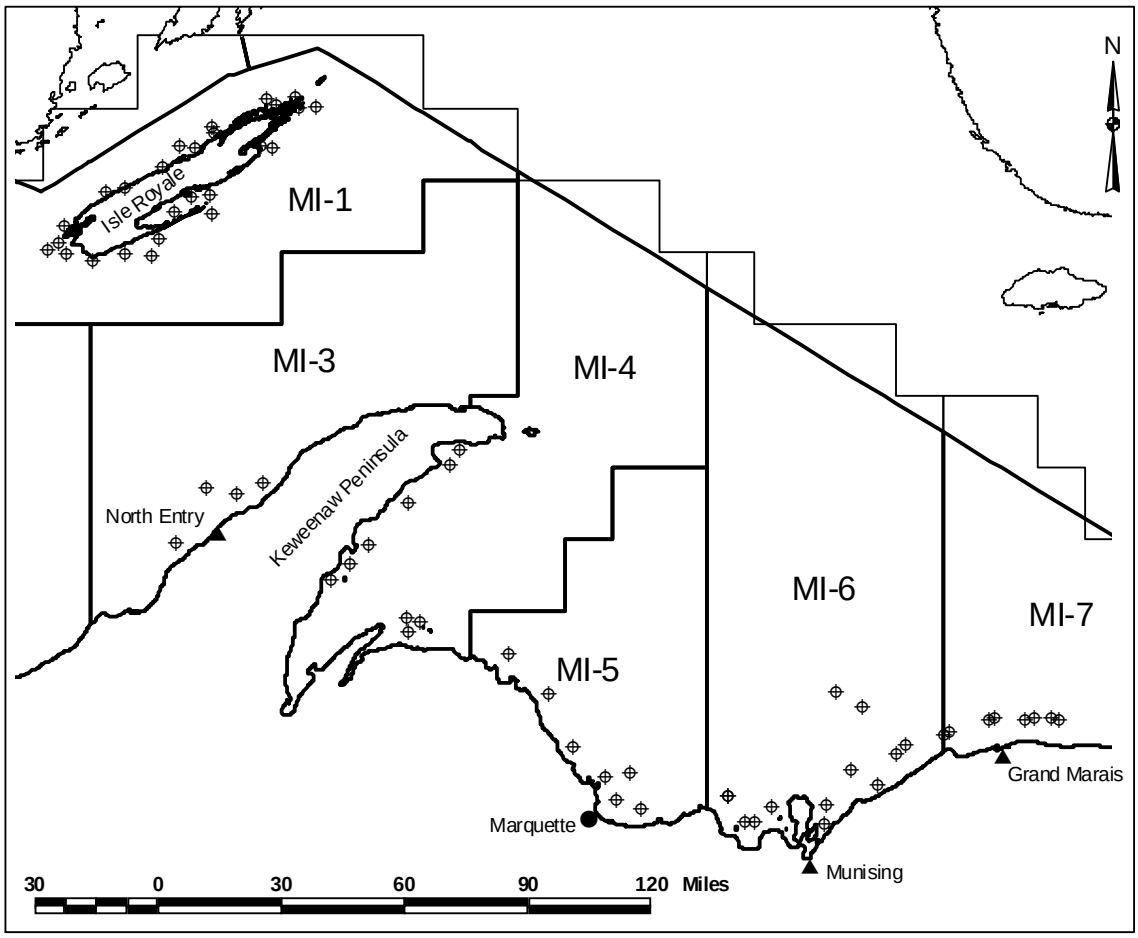
If you have any questions regarding our sampling schedule, please feel free to contact me by e-mail at sitars@michigan.gov or by cell phone at (906)-235-1581. Thank you for your cooperation.

Attachment

CC: Ed Baker, Acting Station Manager, MFRS, Fisheries Division
Kevin Rathbun, Boat Captain, MFRS, Fisheries Division
Mark Ebener, Fisheries Chief, CORA
Lori Ann Sherman, Natural Resources Director, KBIC
Bill Mattes, Fisheries Biologist, GLIFWC
Paul Ripple, Fisheries Biologist, BMIC
Mark Brouder, Project Leader, Ashland FRO, USFWS
Mark Vinson, Station head, USGS-Ashland

2016 spring lake trout survey schedule for Marquette Fisheries Research Station (MFRS), Fisheries Division, Michigan Department of Natural Resources.

Dates	Region	Stations	Survey
18-22 April	Marquette-Munising	Marquette, Shot Pt, Wood Island, Grand Island, Grand Portal	Spring
25-29 April	Munising-Grand Marais	Pictured Rocks, Grand Marais, Au Sable Pt	Spring
02-06 May	Au Train-Munising	Au Train Island, Marquette, Big Bay	Spring
09-13 May	Huron Islands-Keweenaw Bay	Huron Islands, Pt. Abbaye, Traverse Island, Bete Grise, Pt. Isabelle	Spring
16-20 May	West side of Keweenaw	Ontonagon, Freda, North Entry, Hills Creek	Spring



Research Vessel Lake Char, MIDNR spring lake trout survey stations.

MIDNR-*R/V Lake Char* Spring 2016 lake trout survey station positions.					
Dates	**Station #**	**site**	**latitude**		**longitude**
04/18-04/19	547	Marquette-Thill A	46 ° 33.17 ' N		87 ° 18.9 ' W
04/18-04/19	548	Marquette-Thill B	46 ° 32.25 ' N		87 ° 17.13 ' W
04/18-04/19	550	Marquette Beach-Thill	46 ° 31.06 ' N		87 ° 16.77 ' W
04/18-04/19	552	Shot Point-Thill	46 ° 31.93 ' N		87 ° 13.76 ' W
04/19-04/20	612	Au Train Point-Brey, VLS	46 ° 29.95 ' N		86 ° 49.75 ' W
04/19-04/20	629	Wood Island-VLS	46 ° 32 ' N		86 ° 46 ' W
04/20-04/21	651	Trout Reef A-Brey (south)	46 ° 29.69 ' N		86 ° 35.09 ' W
04/20-04/21	652	Trout Reef B-Brey (north)/ FAT 6-2	46 ° 32.51 ' N		86 ° 34.33 ' W
04/20-04/21	667	Portal Reef-VLS	46 ° 37.28 ' N		86 ° 29.39 ' W
04/25-04/26	734	Perry's Landing (site 6)	46 ° 44.8 ' N		85 ° 50.66 ' W
04/25-04/26	735	Perry's Landing (site 7)	46 ° 44.57 ' N		85 ° 46.88 ' W
04/26-04/27	710	Au Sable Point (site 1)	46 ° 42.34 ' N		86 ° 9.74 ' W
04/26-04/27	730	Grand Marais (site 3)	46 ° 44.48 ' N		86 ° 0.22 ' W
04/26-04/27	731	Grand Marais (site 4)	46 ° 44.68 ' N		85 ° 59.08 ' W
04/27-04/28	680	Beaver Beach-VLS	46 ° 35.32 ' N		86 ° 24.12 ' W
04/27-04/28	683	Beaver Hump B-Brey	46 ° 39.55 ' N		86 ° 19.86 ' W
04/27-04/28	685	Beaver Hump C-Brey	46 ° 40.95 ' N		86 ° 17.8 ' W
05/02-05/03	614	Table Top	46 ° 33.69 ' N		86 ° 55.3 ' W
05/02-05/03	614.1	Table Top A	46 ° 33.79 ' N		86 ° 55.49 ' W
05/02-05/03	609	Au Train Island-East	46 ° 29 ' N		86 ° 52 ' W
05/02-05/03	610	Au Train Island-Brey	46 ° 30 ' N		86 ° 52 ' W
05/03-05/04	532	Big Garlic-Thill	46 ° 40.76 ' N		87 ° 28.1 ' W
05/03-05/04	535	Little Presque Isle North-Thill	46 ° 39.41 ' N		87 ° 24.96 ' W
05/03-05/04	544.1	White Rocks-B	46 ° 37.5 ' N		87 ° 22.3 ' W
05/04-05/05	509	Big Bay (IN)-Thill	46 ° 51.38 ' N		87 ° 43.25 ' W
05/04-05/05	513	Big Bay (OUT)-Thill	46 ° 53.77 ' N		87 ° 41.69 ' W
05/04-05/05	522	Yellow Dog Point	46 ° 48.23 ' N		87 ° 33.38 ' W
05/16-05/17	250	Union Bay	46 ° 51 ' N		89 ° 38 ' W
05/16-05/17	270	Ontonagon	46 ° 55.75 ' N		89 ° 22.57 ' W
05/16-05/17	280	10 Mile Pt.	46 ° 58 ' N		89 ° 14 ' W
05/17-05/18	320	Freda (out) (graded mesh)	47 ° 9.53 ' N		88 ° 52.25 ' W
05/17-05/18	329	North/Upper Entry (Wiita)	47 ° 17.25 ' N		88 ° 45.8 ' W
05/17-05/18	340	North/Upper Entry (NOTRY)	47 ° 16.32 ' N		88 ° 39.22 ' W
05/18-05/19	344	Calumet Waterworks-Peterson	47 ° 17.9 ' N		88 ° 33.65 ' W
05/18-05/19	350	Hills Creek	47 ° 21.05 ' N		88 ° 28.62 ' W

NOTICE TO NAVIGATION INTERESTS

US Army Corps of Engineers®
DETROIT DISTRICT

ATTN: CELRE-DE
477 MICHIGAN AVENUE
DETROIT MI 48226-2575
HTTP://WWW.LRE.USACE.ARMY.MIL/

DATE: 04/28/2016

POC: Technical Services Branch
313-226-2384

NOTICE NUMBER: 6274
LOCAL NUMBER: L16-11
WATERWAY: ST. MARYS RIVER

EFFECTIVE: 04/28/2016 14:20 thru Until Further Notice EDT

RESTRICTED VESSEL PASSAGE THROUGH THE MACARTHUR LOCK ST MARYS FALLS CANAL

The following restrictions will be implemented at the MacArthur Lock further notice. These restrictions are required due to embedded gate anchorage concerns on gates 2 and 5. The Mac Arthur Lock will be operated using both upper and lower intermediate gates (gates 3 and 4)

Special Procedures for transiting of the MacArthur Lock by vessels not exceeding 730 feet in length when Gate 5 is out of service.

Upbound Vessels:

Vessels with friction winches and no bow overhang:

Maximum Vessel Length = 730 feet

For vessels 730 feet in length, Boom #8 (the chamber boom) will remain in the raised position while Gate #4 (the lower intermediate gate) is closed. This will allow 15.5 feet of clearance between the vessel and the upper intermediate gate sill and 25 feet of clearance between the vessel and Gate #4. At the request of the captain, vessels can be moved the last 25 feet to their final position using winch power only.

Vessels without friction winches or with bow overhang:

Maximum Vessel Length = 660 feet

For vessels 660 feet in length, Boom #8 will be lowered before Gate #4 is closed. This will provide 30 feet of clearance between the vessel and Boom #8 and 15 feet of clearance between the vessel and the upper gate sill.

Downbound Vessels:

Vessels with friction winches and no bow overhang:

Maximum Vessel Length = 730 feet

For vessels greater than 660 feet, Boom #8 will remain in the lowered position until the vessel is brought to a full stop with wheel motionless or in a zero pitch condition and the check cables out forward and aft. The vessel must be stopped when the bow of the vessel is no closer than 30 feet from the chamber boom. The chamber boom will then be raised and the vessel shall be moved forward into final position using winches only.

For vessels 730 feet in length, this will provide for 15.5 feet of clearance between the vessel and the upper gate sill and 25 feet clearance between the vessel and Gate #4.

Vessels without friction winches or with bow overhang:

Maximum Vessel Length = 660 feet

For vessels 660 feet in length, Boom #8 will remain lowered. This will provide for 30 feet of clearance between the vessel and Boom #8, and will provide 15 feet of clearance between the vessel and the upper gate sill.

//signed//

DAVID L. WRIGHT, P.E.
Chief, Operations
USACE-Detroit

GREAT LAKES - GENERAL - MARINE EVENTS – SAFETY ZONES – SECURITY ZONES

Events listed below are those events that may have accompanying special local regulations.

Location	LNM	Events	Dates	Time (Local)	POC or Sponsor	Number
LAKE ONTARIO						
None Reported						
LAKE ERIE						
Marblehead, OH	26/16	Fireworks Display Safety Zone	02 Jul 16	2130-2230	Steve Ernst	440-346-3055
Lorain, OH	24/16	Lorain Independence Day Fireworks Celebration	03 Jul 16	2145-2245	Ralph Bruening	440-714-0734
Conneaut, OH	24/16	Conneaut Festival	03 Jul 16	0930-1035	Marty Landon	440-862-3973
Mentor, OH	24/16	Mentor Harbor Yachting Club Celebration	03 Jul 16	2145-2245	Forest Evans	440-897-3536
Toledo, OH	26/16	Toledo 4th of July Fireworks Display Safety Zoen	04 Jul 16	2200-2230	John Greer	513-478-6475
Cleveland, OH	26/16	Downtown Cleveland Alliance July 4th	04 Jul 16	2145-2235	Salvatore Lanara	440-221-4934
Bay Village, OH	24/16	Bay Village Independence Day Fireworks	04 Jul 15	2145-2245	Bay Village Fire Dept	440-759-8330
Fairport Harbor, OH	24/16	Fairport Harbor Mardi Gras	06 Jul 16	2115-2215	James Cardina	440-352-0806
Fairport Harbor, OH	24/16	Tall Ships Fairport Harbor	07Jul 16 – 11 Jul 16	1000-1800	Cecilia Duer	440-477-8367
Cleveland, OH	26/16	Lake Erie Open Water Classic	16 Jul 16	0545-1130	OHIO Masters Swim Club	440-785-4168
Cleveland, OH	24/16	Team River Runner Fundraising Event	19 Jul 16	1100-1300	Marathon Petroleum Corps	202-733-0485
Sheffield Lake, OH	26/16	Sheffield Lake Annual Community Days	22 Jul 16	2145-2235	Steven Kovach	440-724-9042
Cleveland, OH	26/16	Cleveland Triathlon	31 Jul 16	0545-1015	Pacific Sports LLC	714-271-2137
Cleveland, OH	19/16	Edgewater Yacht Club 2016 Race Program	10 May 16 – 30 Oct 16		Sector Buffalo	716-843-9527
Monroe, MI	20/16	Lake Erie Challenge North Cape Yacht Club	20 Aug 16 – 24 Aug 16	0800	Paul Nickerson	440-238-9378
DETROIT RIVER, LAKE ST CLAIR AND ST CLAIR RIVER						
None Reported						
LAKE HURON						
Cedarville, MI	21/16	Les Cheneaux Sailboat Races	25 Jun 16 – 27 Aug 16	Various	Sector Sault Ste Marie	906-635-3230
St. Ignace, MI	21/16	Festival of Fireworks	25 Jun 16 – 10 Aug 16 (Sat)	2200-2315	Sector Sault Ste Marie	906-635-3230
Cedarville, MI	21/16	Cedarville Fireworks	04 Jul 16	2200-2230	Sector Sault Ste Marie	906-635-3230
Mackinac Island, MI	21/16	Mackinac Island Fireworks	04 Jul 16	2130-2315	Sector Sault Ste Marie	906-635-3230
Mackinaw City, MI	21/16	Mackinaw City Fireworks	04 Jul 16	2200-2245	Sector Sault Ste Marie	906-635-3230
St. Ignace, MI	21/16	Festival of Fireworks	04 Jul 16	2200-2315	Sector Sault Ste Marie	906-635-3230
Alpena, MI	21/16	Alpena Fireworks	04 Jul 16	2100-2300	Sector Sault Ste Marie	906-635-3230
LAKE SUPERIOR						
Cornucopia, WI	26/16	Firework Display Safety Zone	02 Jul 16	2130-2330	Sector Sault Ste Marie	906-635-3230
Lapointe, WI	26/16	Firework Display Safety Zone	04 Jul 16	2130-2300	Sector Sault Ste Marie	906-635-3230
Duluth, MN	26/16	Firework Display Safety Zone	04 Jul 16	2130-2330	Sector Sault Ste Marie	906-635-3230
Bayfield, WI	26/16	Firework Display Safety Zone	04 Jul	2100-2300	Sector Sault Ste Marie	906-635-3230

GREAT LAKES - GENERAL - MARINE EVENTS – SAFETY ZONES – SECURITY ZONES
Events listed below are those events that may have accompanying special local regulations.

Location	LNM	Events	Dates	Time (Local)	POC or Sponsor	Number
Marquette, MI	21/16	Marquette Fireworks	04Jul 16	2200-2230	Sector Sault Ste Marie	906-635-3230
Whitefish Twp, MI	21/16	Whitefish Twp Fireworks	04 Jul 16	2130-2330	Sector Sault Ste Marie	906-635-3230
Munising, MI	21/16	Munising Fireworks	04 Jul 16	1900-2400	Sector Sault Ste Marie	906-635-3230
Duluth, MN	26/16	Triathlon Safety Zone	28 Aug 16	0530-0930	Sector Sault Ste Marie	906-635-3230
ST. MARYS RIVER						
Sault Ste Marie, ONT	21/16	Canada Day Fireworks	01 Jul 16	2200-2300	Sector Sault Ste Marie	906-635-3230
Sault Ste Marie, MI	21/16	Sault Ste Marie Fireworks	04 Jul 16	2145-2255	Sector Sault Ste Marie	906-635-3230
STRAITS OF MACKINAC						
None Reported						
LAKE MICHIGAN						
Milwaukee, WI	21/16	Summerfest Fireworks	29 Jun 16	2115-2215	Sector Lake Michigan	414-747-7182
South Haven, MI	21/16	Start of the Queen's Cup Race	01 Jul 16	1400-1730	Sector Lake Michigan	414-747-7182
Grand Traverse Bay, MI	21/16	National Cherry Festival Air Show	02-04 Jul 16	1330-1600	Sector Sault Ste Marie	906-635-3230
Dune Acres, IN	26/16	Fireworks Display	02 Jul 16	2045-2130	Sector Lake Michigan	414-747-7182
Joliet, IL	26/16	Shore Based Fireworks Display	02 Jul 16	2115-2200	Sector Lake Michigan	414-747-7182
Torch Lake, MI	21/16	South Torch Lake Fireworks	03 Jul 16	2200-2230	Sector Sault Ste Marie	906-635-3230
South Haven, MI	21/16	City of South Haven Fireworks	03 Jul 16	2200-2330	Sector Lake Michigan	414-747-7182
Milwaukee, WI	21/16	US Bank Fireworks	03 Jul 16	2030-2300	Sector Lake Michigan	414-747-7182
New Buffalo, MI	21/16	New Buffalo Business Association Fireworks	03 Jul 16	2230-2330	Sector Lake Michigan	414-747-7182
Kenosha, WI	21/16	Celebrate America Ski Show	03-04 Jul 16	1430-1700	Sector Lake Michigan	414-747-7182
Glencoe, IL	26/16	Shore Based Fireworks Display	04 Jul 16	2115-2130	Sector Lake Michigan	414-747-7182
Michigan City, IN	26/16	Fireworks Display Safety Zone	04 Jul 16	2045-2145	Sector Lake Michigan	414-747-7182
Lake Bluff, IL	26/16	Barge Based Firework Display Safety Zone	04 Jul 16	2100-2200	Sector Lake Michigan	414-747-7182
Glencoe, IL	26/16	Shore Based Fireworks Display	04 Jul 16	2100-2130	Sector Lake Michigan	414-747-7182
Gary, IN	26/16	Shore Based Fireworks Display	04 Jul 16	2130-2205	Sector Lake Michigan	414-747-7182
Little Traverse Bay, MI	21/16	Petoskey Fireworks	04 Jul 16	2215-2245	Sector Sault Ste Marie	906-635-3230
Grand Traverse Bay, MI	21/16	Traverse City Fireworks	04 Jul 16	2200-2230	Sector Sault Ste Marie	906-635-3230
Green Bay, WI	21/16	Fire over the Fox Fireworks	04 Jul 16	2100-2300	Sector Lake Michigan	414-747-7182
Green Bay, WI	21/16	Celebrate Americafest Ski Show	04 Jul 16	1430-1630	Sector Lake Michigan	414-747-7182
Saugatuck, MI	21/16	Saugatuck-Douglas 4th of July Celebration Fireworks	04 Jul 16	2145-2300	Sector Lake Michigan	414-747-7182
Frankfort, MI	21/16	Frankfort 4th of July Fireworks	04 Jul 16	2145-2300	Sector Lake Michigan	414-747-7182
Ludington, MI	21/16	Ludington Freedom Festival Fireworks	04 Jul 16	2130-2300	Sector Lake Michigan	414-747-7182
Holland, MI	21/16	Van Andel Fireworks	04 Jul 16	2200-2300	Sector Lake Michigan	414-747-7182
Montague, MI	21/16	White Lake 4th of July Fireworks	04 Jul 16	2200-2330	Sector Lake Michigan	414-747-7182
Racine, WI	21/16	City of Racine 4th of July Fireworks	04 Jul 16	2100-2230	Sector Lake Michigan	414-747-7182
Grand Haven, MI	21/16	Grand Haven 4th of July Fireworks	04 Jul 16	2100-2300	Sector Lake Michigan	414-747-7182
St. Joseph, MI	21/16	St. Joseph 4th Celebration Fireworks	04 Jul 16	2200-2300	Sector Lake Michigan	414-747-7182
Sheboygan, WI	21/16	City of Sheboygan 4th of July Fireworks	04 Jul 16	2100-2230	Sector Lake Michigan	414-747-7182
Manitowoc Harbor, WI	21/16	Fourth on the Shore Fireworks	04 Jul 16	2100-2230	Sector Lake Michigan	414-747-7182

GREAT LAKES - GENERAL - MARINE EVENTS – SAFETY ZONES – SECURITY ZONES

Events listed below are those events that may have accompanying special local regulations.

Location	LNM	Events	Dates	Time (Local)	POC or Sponsor	Number
Green Bay, WI	21/16	Summer in the City Water Ski Show	06 Jul 16 – 31 Aug 16	1830-1930	Sector Lake Michigan	414-747-7182
Gary, IN	26/16	Gary Air and Water Show Safety Zone	08-10 Jul 16	0830-1700	Sector Lake Michigan	414-747-7182
Grand Traverse Bay, MI	21/16	National Cherry Festival Fireworks	09 Jul 16	2200-2230	Sector Sault Ste Marie	906-635-3230
Lake Charlevoix, MI	21/16	13th Annual Boyne Thunder Poker Run	09 Jul 16	0900-1630	Sector Sault Ste Marie	906-635-3230
Ludington, MI	26/16	Fishing Tournament	14-17 Jul 16	0000-2359	Sector Lake Michigan	414-747-7182
Milwaukee, WI	21/16	South Shore Frolics Fireworks	15-17 Jul 16	2100-2230	Sector Lake Michigan	414-747-7182
Milwaukee, WI	21/16	Festa Italiana Fireworks	22-24 Jul 16	2245-2330	Sector Lake Michigan	414-717-7182
Chicago, IL	26/16	Chicago to Mackinac Race Start	22 Jul 16	1400-1630	Sector Lake Michigan	414-747-7182
Chicago, IL	26/16	Chicago to Mackinac Race Start Safety Zone	23 Jul 16	0900-1500	Sector Lake Michigan	414-747-7182
Joliet, IL	26/16	Shore Based Fireworks Display	23 Jul 16	2115-2200	Sector Lake Michigan	414-747-7182
Milwaukee, WI	21/16	German Fest Fireworks	29-30 Jul 16	2215-2315	Sector Lake Michigan	414-747-7182
De Pere, WI	21/16	Public Fireworks Display	21 Jul 16	2100-2130	Sector Lake Michigan	414-747-7182
Chicago, IL	20/16	108th Annual Race to Mackinac Island	22 Jul 16 – 27 Jul 16	1000	Donald Maxwell	708-790-5400
Pentwater, MI	21/16	Ensign Regatta	22-24 Jul 16	1100-1600	Sector Lake Michigan	414-747-7182
Chicago, IL	26/16	Tall Ships Challenge Safety Zone	26 Jul 16 – 01 Aug 16	0000-2359	Sector Lake Michigan	414-747-7182
Sheboygan, WI	21/16	Miesfield's Lakeshore Weekend Fireworks	29 Jul 16	2115-2215	Sector Lake Michigan	414-747-7182
Muskegon, MI	21/16	CRAM Regatta	30-31 Jul 16	0900-1800	Sector Lake Michigan	414-747-7182
Saugatuck, MI	21/16	Saugatuck Venetian Fireworks	30 Jul 16	2130-2300	Sector Lake Michigan	414-747-7182

GREAT LAKES - GENERAL - MARINE EVENTS – SAFETY ZONES – SECURITY ZONES

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GREAT LAKES - GENERAL - MARINE EVENTS – SAFETY ZONES – SECURITY ZONES

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Location	LNM	Events	Dates	Time (Local)	POC or Sponsor	Number

GREAT LAKES - GENERAL – PRIVATE AIDS TO NAVIGATION

These aids, in many areas of the navigable waters subject to federal jurisdiction, are maintained by various entities including other federal agencies, the States, other Armed Forces, private corporations and private individuals. These aids are not maintained by the Coast Guard. Only Class I & Class II PATON are charted and listed in the Light List.

Location	LNM	Private Aid Name & Light List Number (LLNR)	Dates	Type	POC or Owner	Number
LAKE ONTARIO						
None Reported						
LAKE ERIE						
Buffalo, NY	20/16	Buffalo Harbor Sailing Club Race Buoys, N/A	21 May 16 – 15 Sep. 16	(6) ULB	Thomas Hunt	716-204-2067
Cleveland, OH	23/16	Cleveland Water Quality, LLNR #4037	Throughout the year	LB	Ed Verhamme	734-332-1200
DETROIT RIVER, LAKE ST CLAIR AND ST CLAIR RIVER						
None Reported						
LAKE HURON						
None Reported						
LAKE SUPERIOR						
None Reported						
ST. MARYS RIVER						
None Reported						
STRAITS OF MACKINAC						
None Reported						
LAKE MICHIGAN						
None Reported						
ALLEGHENY RIVER						
Perry, PA	23/16	Laurel Mt. Light, N/A	Throughout the year	LT	David Nicklas	412-595-8700

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Location	LNM	Private Aid Name & Light List Number (LLNR)	Dates	Type	POC or Owner	Number

Notice to Navigation Interests

US Army Corps
Of Engineers
Buffalo District
1776 Niagara Street
Buffalo, New York 14207-3199

Notice No. M16-01 Date 9 December 2015
Black Rock Channel & Tonawanda Harbor, NY
Waterway

Black Rock Lock Operations - The Black Rock Lock hours and dates for the 2016 navigation season are as follows:

1 January - 16 April	8:00 am - 4:00 pm Monday - Friday
3 May - 6 May	Closed for Maintenance
17 April - 14 May	8:00 am - 4:00 pm Monday - Sunday
15 May - 17 September (Extended Season)	8:00 am - 10:00 pm Weekdays
	11:00 am - 10:00 pm Weekends
18 September - 29 October	8:00 am - 4:00 pm Monday - Sunday
30 October - 31 December	8:00 am - 4:00 pm Monday – Friday

For any lock transit requests during the period 3 May thru 6 May 2016 please call 716-879-4403 to check on current maintenance and lock reopening status.

The lock will be closed on the following 2016 Federal Holidays:
01 January / 18 January / 15 February / 11 November / 24 November / 26 December

Commercial traffic will be accommodated on a 24-hour basis with prior notification.
Questions on lock operations may be directed to the Black Rock Lock during scheduled operating hours by calling (716) 879-4403 or to the New York/Pennsylvania Operations and Maintenance Office between the hours of 7:00 a.m. and 3:00 p.m. at (716) 879-4293, Fax (716) 879-4356. The Lock may also be contacted on marine radio channel 16 (working Channel 12).

Tug and Barge Operators are reminded that Personal Flotation Devices (PFDs) are required for all Barge personnel during the approach and while transiting the Lock and are recommended for all vessel crew members and passengers.

The Black Rock Lock Channel extends from Buffalo Harbor to the Black Rock Lock. It is three and one-half miles in length. The Federal navigation channel has a minimum width of 200 feet. Pleasure crafts are required to yield the right-of-way to commercial vessels due to the confined waters of the channel.

The Black Rock Lock and the Black Rock Channel provide safe passage for vessels to travel between Buffalo Harbor and Tonawanda Harbor around the reefs, rapids and fast currents that exist in the upstream portion of the Niagara River.

In combination with the New York State Erie Canal, Black Rock Lock and Black Rock Channel provide an inland water route between Lake Erie and the Atlantic Ocean. Branch canals in the New York State canal system provide vessels access to Lake Erie and Lake Champlain.

Charts: 14832 - Upper Niagara River, New York
14833 - Buffalo Harbor, New York

Edward F. Gawarecki
Chief, NY/PA O&M Office

Waterway Analysis and Management System Survey

Name of Waterway: _____

User Information

___Commercial User
___Recreational User

Number of years in the maritime industry or number of years using this waterway: _____
Number of transits in the waterway per year: _____
Number of night transits of waterway: _____
Seasonal Dates: Start: _____End:_____
Name of Vessel:
_____
Vessel Description: _____
Length: _____Beam:_____Draft:_____Gross Tons:
_____
Net Tons: _____Bridge Height of Eye:
_____
Cargo Carried: _____

Navigational tools used: (ECDIS/ECPINS, GPS, DGPS,VISUAL, RADAR)_____
_____
_____
_____

What area do you believe is the most dangerous or difficult to navigate:_____
_____
_____
_____

Are the floating aids to navigation (lighted and unlighted buoys) adequate for this waterway:
_____

_____
_____
_____

Are the fixed aids to navigation (lights, ranges, lighthouses, daybeacons) adequate for this waterway: _____
_____
_____
_____

Are the year round and lighted ice buoys adequate: _____
_____
_____
_____

Are there buoys that you feel should be changed to fixed aids to navigation?
_____
_____
_____
_____

Are there any buoys that could be eliminated from this waterway: _____
_____
_____
_____

Are there any buoys with sound signals that the bell or gong could be removed:
_____
_____
_____

Are there any areas that require additional aids to navigation in this waterway:
_____
_____
_____

Do the nautical charts, Coast Pilot, and Light List meet your needs for this waterway:_____
_____

_____
_____

Are there private Aids to Navigation that you find misleading or interfere with the current system in the waterway:
_____
_____
_____
_____

Any addition comments on this waterway:_____
_____
_____
_____
_____
_____

Thank you for taking time to comment on this waterway. Your input as a mariner very valuable to the U. S. Coast Guard in evaluating waterways to make them safe and as easily navigable as possible. Please feel free to contact Mr. Doug Sharp at william.d.sharp@uscg.mil or (216) 902-6070 with any other questions or concerns about any aids to navigation in the Great Lakes. The survey can be mailed to:

Commander (dpw-2)
Ninth Coast Guard District
1240 East Ninth Street
Cleveland, Ohio 44199

U.S. Coast Guard to Test Automatic Identification System (AIS) Aids to Navigation (ATON)

In the near future, the U.S. Coast Guard and other authorized agencies and organizations (i.e., U.S. Army Corps of Engineers, Marine Exchange of Alaska) will begin transmitting AIS ATON messages and marine safety information via AIS for testing and evaluation. The exact content, location, and times of these broadcasts will be announced in future Local Notices to Mariners.

AIS is an internationally adopted radio communication protocol that enables the autonomous and continuous exchange of navigation safety related messages amongst vessels, lifeboats, aircraft, shore stations, and aids to navigation (AIS ATON). AIS ATON stations broadcast their presence, identity (9-digit Marine Mobile Service Identity (MMSI) number), position, and status at least every three minutes or as needed. These broadcasts can originate from an AIS station located on an existing physical aid to navigation (Real AIS ATON) or from another location (i.e., AIS Base Station). An AIS Base Station signal broadcasted to coincide with an existing physical aid to navigation is known as a Synthetic AIS ATON. An electronically charted, but non-existent as a physical aid to navigation, is identified as a Virtual AIS ATON. The latter two can be used to depict an existing aid to navigation that is off station or not watching properly or to convey an aid to navigation that has yet to be charted. All three variants can be received by any existing AIS mobile device, but they would require an external system for their portrayal (i.e., AIS message 21 capable ECDIS, ECS, radar, PC). How they are portrayed currently varies by manufacturer, but the future intention is for the portrayal to be in accordance with forthcoming International Standards (i.e., IEC 62288 (Ed. 2), IHO S-4 (Ed. 4.4.0)).

Mariners capable of receiving and displaying these test AIS messages are encouraged to provide feedback and report any anomalies to the USCG NAVCEN Website: http://www.navcen.uscg.gov | Contact Us Tab | Subject: AIS | Category: AIS Testing.

Example of Local Notice to Mariners Chart Corrections for AIS ATONs

Chart Correction for *Real AIS ATON*

12326 52nd Ed. 01-JUNE-13 Last LNM: 53/13 NAD 83 LNM/14

Chart Title: ***Approaches to New York***

			CGD	
ADD	Magenta circle AIS Chart No. 1: S17.2 to ABC Channel Lighted Whistle Buoy A and		40-27-27.991N	073-50-12.228W
CHANGE	Characteristic to RW “A” Mo (A) WHIS Racon (¯ ˙) AIS			

Chart Correction for *Synthetic AIS ATON*

18649 68th Ed. 01-JUNE-13 Last LNM: 52/13 NAD 83 LNM/14

Chart Title: ***Entrance to San Francisco Bay***

			CGD	
ADD	Magenta circle AIS Chart No. 1: S17.2 to ABC Approach Lighted Whistle Buoy AB and		37-44-59.749N	122-41-33.940W
CHANGE	Characteristic to RW “AB” Mo (A) WHIS Racon (- -) AIS			

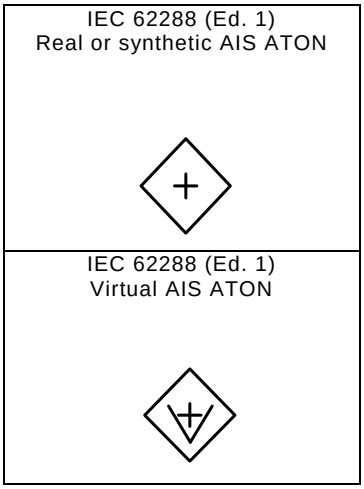
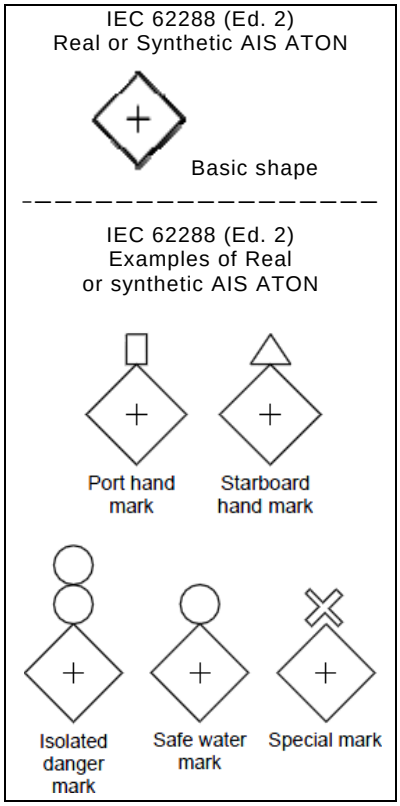
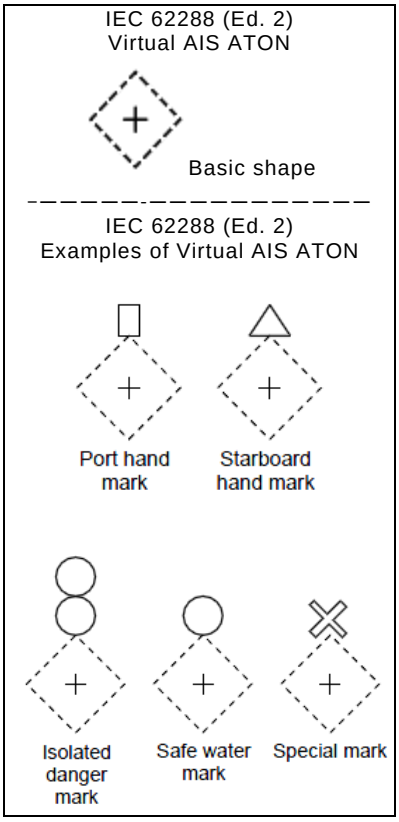
Chart Correction for *Virtual AIS ATON*

12314 33rd Ed. 01-JUNE -12 Last LNM: 51/13 NAD 83 LNM/14

Chart Title: ***Delaware River Philadelphia to Trenton***

			CGD	
ADD	ABC Railroad Bridge South Starboard V-AIS ATON Chart No. 1: S18.2	to	39-58-55.059N	075-04-06.856W
ADD	ABC Railroad Bridge South Port V-AIS ATON Chart No. 1: S18.2	to	38-58-55.803N	076-23-04.547W

Virtual AIS ATON Symbology for Electronic Chart Display and Information System (ECDIS)

Port Lateral (IALA B)	A Virtual object marking the port side of a channel	
Starboard Lateral (IALA B)	A Virtual object marking the starboard side of a channel	
Isolated Danger	A Virtual object marking an isolated danger	
Safe Water	A Virtual object marking safe water	
Special Purpose	A Virtual object used to mark an area or feature referred to in nautical documents	

AIS ATON Symbology of the International Electrotechnical Commission (IEC) and International Maritime Organization (IM0)