



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

LOCAL NOTICE TO MARINERS

District: 9

Week: 35/19

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 <https://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** <https://www.navcen.uscg.gov/>

Light List Reference: Commandant Publication P16502.7, VOL VII, 2018 Edition

Coast Pilot Reference: 2018 U.S. Coast Pilot 6 Great Lakes 46th Edition

Coast Pilots, along with corrections are available at: <https://nauticalcharts.noaa.gov/publications/coast-pilot/index.html>

The Local Notice to Mariners is available on the Internet at <https://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 - 148-19 through B152-19

Ninth District - C136-19 through C-140-19

Sector Detroit, MI - D063-19 through D-064-19

Sector Lake Michigan, WI - M369-19 through M382-19

Sector Sault Ste Marie, MI - S127-19 through S131-19

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

ABBREVIATIONS

A through H

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

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
 FI - 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 (<https://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

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 Aug 30, 2019. 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 +49, Lake Erie +59, Lake St. Clair +58, Lake Michigan-Huron +50, Lake Superior +25.

St Lawrence River:

Above Long Sault Dam +24, Above Iroquois Dam +26, Ogdensburg +38, Alexandria Bay +46. Head of River at Cape Vincent +49.

Detroit River:

Lake Erie at Pelee Passage +59 Mouth of River at Gibraltar +59, Fort Wayne +63. Head of River above Belle Isle +59.

St. Clair River:

Mouth of River at St. Clair Flats +58, Algonac +62, St. Clair +58, Blue Water Bridge +56, Head of River at Fort Gratiot +52, Lake Huron Approach Channel +50.

St. Marys River:

Mouth of River at Detour +50, West and Middle Neebish +47, Head of Little Rapids +47, U.S. Slip +46, Above Locks +27, Head of River at Point Iroquois +25.

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 inquiries 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: 35/19

LAKE ONTARIO - SOUTH OF STONY POINT TO PORT BAY - Chart 14803

Little Salmon River Buoys 2-13 (LLNR 2056-2057.1) currently not in the water due high water in Lake Ontario. Buoys will not be commission until next season. Mariners are to use caution while transiting the area.

LNM: 32/19

LAKE ERIE – OH – HURON TO CONNEAUT – CHART 14820

NOAA is conducting a Great Lake Ecosystem study throughout North coast of Lake Erie area extending from Huron to Conneaut. Spar yellow buoys is lighted (Yellow FL 4 Sec) identified and has been placed for a Coastal Hypoxia Research Program to prevent, reduce the ecological and economic impact of "Hypoxia" on marine and Great Lakes ecosystem. Buoys will be place for a temporary period and will start on 1 May until 1 December 2019.

All mariner are urged to use caution and place close attention to these marked buoys while transiting the area. If you are transiting in the vicinity of Huron, OH and have any questions, contact Coast Guard Sector Detroit, MI at (313) 568-9524 or Coast Guard Detroit Aids to Navigation Team (ANT) at (313) 568-9540 or via Channel 16 VHF.

All mariners transiting "EAST" of Huron, OH and have any questions, contact Coast Guard Sector Buffalo, NY at (716) 843-9527 or Coast Guard Buffalo Aids to Navigation Team (ANT) at (716) 843-9550 or via Channel 16 VHF.

LNM: 17/19

LAKE ERIE – NY – Buffalo Ship Canal – Chart 14833

There is a steel I-beam protruding out of the water in approximate position 42-51.985N 078-52.170W. The steel I-beam is marked with a temporary white buoy FL W 4s.

LNM: 17/16

LAKE ERIE – OH – Cleveland Harbor – Chart 14839

The Coast Guard has received a report from the U.S. Army Corps of Engineers of an underwater obstruction at still ranges between 22' and 28' LWD at approximate position 41 29 42.84 N, 081 42 09.74 W

LNM: 46/17

Decommissioning of Mequon WI DGPS site

The DGPS tower in Mequon WI has suffered a critical failure and is no longer able to broadcast. Since decommissioning of this tower was scheduled for September 2019 and repairs have been determined to be cost inhibitive it has been decided to decommission this DGPS site immediately

LNM: 30/19

LAKE MICHIGAN - MANITOWOC AND SHEBOYGAN - Chart 14922

Manitowoc South Breakwater Light "3" (LLNR 20855) The light tower has been destroyed by weather and is missing from its assigned position on the breakwater. The remains of the structure have been located and removed from the southern edge of the channel. An AIS ATON has been established to mark the Light List assigned position of Manitowoc South Breakwater Light "3" (LLNR 20855).

AIS ATON TYPE: Synthetic

eATON Type: Beacon Port

eATON Name LT 3

MMSI: 993682614

LNM: 05/19

LAKE MICHIGAN - GREEN BAY - Chart 14910

Peshtigo Reef Light (LLNR 21990)

Shoaling has been reported extending from Peshtigo Reef Lighthouse easterly approximately 150 yards. Depths recorded were approximately 2-3 feet.

LNM: 07/18

LAKE MICHIGAN - RACINE HARBOR - Chart 14925

Racine Reef Light (LLNR 20480) the light tower and supporting foundation has become unstable. Mariners should stay more than 300 feet from the structure.

Racine Reef Lighted Buoy 18 (LLNR 20483) has been established in position 42-43-40.338N / 087-44-01.614W to mark the damaged light structure. The buoy is red in color and has a light characteristic of Fl R 2.5s with a range of 5 statute miles. The buoy will be removed and winter marked with an unlighted nun buoy from December 1 to April 21.

LNM: 42/17

LAKE MICHIGAN - DES PLAINES RIVER

There is a submerged object 5.5 ft below the water line marked with 2 floatable buoys, near MM286.8 on the Des Plaines River. The object is protruding 45ft into the navigable channel from the Left Descending Bank on the Bridge's south pillar.

LNM: 35/18

LAKE MICHIGAN - GRAND TRAVERSE BAY TO LITTLE TRAVERSE BAY - Chart 14913

An unlighted buoy has been established in approximate position 45-20-45.360N / 085-15-29.460W just west of North Point to best mark rocks usually visible but are now submerged due to high water. The buoy is a green can numbered "13" and will appear in the light list as North Point Rocks Buoy "13" (LLNR 17919). The buoy will be on station seasonally from April 14 to November 14 until such time that it is no longer required.

LNM: 32/19

ST. MARYS RIVER - DETOUR PASSAGE TO MUNUSCONG LAKE - Chart 14882

The following aids are being broadcast as AIS ATON:

Lime Island Coal Dock Passage Light (LLNR 12930) Physical

Lime Island Traffic Buoy (LLNR 12915) Synthetic
 Pipe Island Shoal Lighted Buoy "1" (LLNR 12865) Synthetic
 Hay Point Reef Lighted Buoy "18A" (LLNR 12955) Synthetic
 Point Aux Frenes Lighted Buoy "22" (LLNR 12980) Synthetic

LNM: 35/19

ST. MARYS RIVER - MUNUSCONG LAKE TO SAULT STE. MARIE - Chart 14883

The following aids are being broadcast as AIS ATON:

Middle Neebish Light "62" (LLNR 13375) Physical
 Munuscong Lake Junction (LLNR 13030) Physical
 Munuscong Channel Lighted Buoy "9" (LLNR 13070) Synthetic
 Munuscong Channel Lighted Buoy "21" (LLNR 13125) Synthetic
 Munuscong Channel Lighted Buoy "29" (LLNR 13217) Synthetic
 Munuscong Channel Lighted Buoy "35" (LLNR 13245) Synthetic
 Moon Island Lighted Buoy "13" (LLNR 13695) Synthetic
 Sailors Encampment Lighted Buoy "21" (LLNR 13125) Synthetic
 Middle Neebish Lighted Buoy "43" (LLNR 13285) Synthetic
 Middle Neebish Lighted Buoy "59" (LLNR 13345) Synthetic
 Lake Nicolet Lighted Buoy "89" (LLNR 14030) Synthetic
 Lake Nicolet Lighted Buoy "65" (LLNR 13390) Synthetic

LNM: 35/19

LAKE SUPERIOR - REDRIDGE TO SAXON HARBOR - Chart 14965

Ontonagon Harbor East Breakwater Light (LLNR 15220) A Virtual AIS ATON has been established to mark the end of the Ontonagon Harbor East Breakwater. Position 46-52-47.040N / 089-19-47.786W. The physical lighted structure was damaged by ice and is missing.

LNM: 19/19

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
2005	Calf Island Spit Buoy 5	OFF STA	14802		30/19	
5895	Port Clinton Channel Buoy 6	OFF STA	14846		35/19	
9870	Courtright Light (C)	LT EXT		D074-16	23/16	
11323	Harrisville Entrance Buoy 2	OFF STA	14864		35/19	
11505	Nordmeer Wreck Lighted Buoy WR1	RAC INOP	14869		24/19	
13065	Munuscong Channel (Upbound) Lighted Buoy 8	REDUCED INT	14887		34/19	
13155	Point Of Woods Range Rear Light	LT EXT	14887		33/19	
13390	Lake Nicolet Lighted Buoy 65	REDUCED INT	14887		34/19	
15205	Eagle Harbor Shoal Lighted Bell Buoy 1	LT EXT	14964		30/19	
20855	Manitowoc South Breakwater Light 3	STRUCT DEST/LT EXT	14922		02/19	
20860	Manitowoc Breakwater Light	REDUCED INT	14922		25/19	
21530	Gull Island Light	LT EXT	14911		32/19	
21825	Eagle Bluff Light	REDUCED INT	14909		29/18	
21830	Strawberry Channel Southeast Lighted Bell Buoy 6	SS WEAK	14909		34/19	
22310	Green Bay City Buoy 12	OFF STA	14918		34/19	

DISCREPANCIES (FEDERAL AIDS) CORRECTED

LLNR	Aid Name	Status	Chart No.	BNM Ref.	LNM St	LNM End
1520	Clayton Shoal Lighted Buoy 1	WATCHING PROPERLY	14766		34/19	35/19
12510	Cedarville West Channel Lighted Buoy 31	WATCHING PROPERLY	14885		35/19	35/19
14890	Keweenaw Waterway Lighted Buoy 27	WATCHING PROPERLY	14972		35/19	35/19
20605	Wind Point Light	WATCHING PROPERLY	14904		35/19	35/19

DISCREPANCIES (PRIVATE AIDS)

LLNR	Aid Name	Status	Chart No.	BNM Ref.	LNM St	LNM End
1865	Navy Point Marina Anchorage Lighted Buoy A	MISSING	14811		31/19	
1870	Navy Point Marina Anchorage Lighted Buoy B	MISSING	14811		31/19	
1875	Navy Point Marina Anchorage Lighted Buoy C	MISSING	14811		31/19	
1880	Navy Point Marina Anchorage Lighted Buoy D	MISSING	14811		31/19	
2525	Lewiston Ski Jump Light	MISSING	14816		29/19	
3285	Niagara Mohawk Power Corporation Light	LT EXT	14832		24/19	
3295	Niagara Falls Transmission Line Light B	LT EXT	14832		24/19	
3300	Niagara Falls Transmission Line Light C	LT EXT	14832		24/19	
3325	Hooker Electrochemical Crib Light	LT EXT	14832		24/19	
3330	Hooker Electrochemical Outfall Crib Light	LT EXT	14832		24/19	
3930	Mentor Harbor Yacht Club Range Front Light	LT EXT	14825		31/19	
3935	Mentor Harbor Yacht Club Range Rear Light	LT EXT	14825		31/19	
4460	Beachwood Villa Light 2	REDUCED INT/DAYMK MISSING	14830		19/19	
4676	Dock Of The Bay Marina Entrance Light	LT EXT	14845		27/19	
4960	Sandusky Yacht Club Light 1	OFF STA	14842		23/19	
4965	Sandusky Yacht Club Light 2	OFF STA	14842		23/19	
4972	Bay Winds Entrance Light 1	LT EXT	14842		23/19	
4980	Commodore Bay Marina Entrance Light 2	OFF STA	14842		23/19	
5215	Bay Point Marina East Light	LT IMCH	14845		23/19	
5245	Bay Point Marina South Light	LT EXT	14845		23/19	
5260	Pleasant Pointe Southeast Pier Light	MISSING	14842		23/19	
5270	Lakeside Association Dock Light	LT EXT	14842		23/19	
6250	Disposal Area Light B	LT IMCH	14847		31/18	
8755	Grosse Point Yacht Club Light	LT EXT	14853		30/19	
9170	Selfridge Launch Facility Buoy 2	OFF STA	14853		17/19	
9840	Recors Point Dock Lower Light	LT EXT	14853		30/19	
9850	Recors Point Dock Upper Light	LT EXT	14853		30/19	
11610	Calcite Breakwater Light 2	LT EXT/SS INOP	14864		27/19	
11910	Aloha State Park South Jetty Light	LT EXT	14886		24/19	
15945	Interstate Fishing Pier East Light	LT EXT	14975		29/19	
15950	Interstate Fishing Pier West Light	LT EXT	14975		29/19	
16494	UMinn Research Bouy	OFF STA/LT EXT	14966		23/19	
16494.5	UMinn Research 2	OFF STA	14966		23/19	
18095	Medusa Channel Breakwater Light	LT IMCH	14942		27/19	
18648	GLERL Muskegon	OFF STA			23/18	
18805	Great Lakes Marina Entrance Light 5	LT IMCH	14934		24/18	
18882	Hartshorn Municipal Marina Lighted Buoy 2	LT EXT	14934		28/19	
18945	Conservation Club Channel Dayboard 5	MISSING	14934		34/19	
19043	SPRING LAKE YACHT CLUB LIGHT A	LT IMCH			34/19	
19043.1	SPRING LAKE YACHT CLUB LIGHT B	LT EXT			34/19	
19043.2	SPRING LAKE YACHT CLUB LIGHT C	LT EXT			34/19	

19043.3	SPRING LAKE YACHT CLUB LIGHT D	LT IMCH		34/19
19615	Gary East Pierhead Light	LT EXT	14926	34/19
19710	American Oil Company Intake Buoy A	MISSING	14929	34/19
19760	Hammond Marina Lighted Obstruction Buoy B	LT EXT	14926	34/19
19765	Hammond Marina Lighted Obstruction Buoy C	MISSING	14926	34/19
19931	Thirty-First Street Jetty Danger Lighted Buoy A	LT EXT	14926	30/19
19932	Thirty-First Street Jetty Danger Lighted Buoy B	LT EXT	14926	30/19
19933	Thirty-First Street Jetty Danger Lighted Buoy C	LT EXT	14926	30/19
19955	Burnham Park Harbor Light	LT EXT	14926	35/19
20005	Chicago Harbor Municipal Pier No. 1 Light	LT IMCH	14926	28/19
20135	Wilson Avenue Intake Crib Light	LT EXT	14926	29/19
20755	Mickinley Marina Light 1	LT EXT	14924	29/19

DISCREPANCIES (PRIVATE AIDS) CORRECTED

LLNR	Aid Name	Status	Chart No.	BNM Ref.	LNM St	LNM End
18881	Hartshorn Municipal Marina Lighted Buoy 1	RELIGHTED	14934		28/19	35/19
18884	Hartshorn Municipal Marina Lighted Buoy 4	RELIGHTED	14934		28/19	35/19
19755	Hammond Marina Lighted Obstruction Buoy A	RELIGHTED	14926		34/19	35/19
19770	Hammond Marina Lighted Obstruction Buoy D	RELIGHTED	14926		34/19	35/19

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
2105	Oswego Harbor West Channel Light 2	TRLB	14813		17/19	
2435	Wilson Harbor Daybeacon 9	DISCONTINUED	14806		35/18	
2720	Buffalo Harbor North Entrance Light 7	DISCONTINUED	14833		33/19	
8240	William Livingstone Memorial Light	Reduced Intensity	14853		28/19	
8310	Scott Middle Ground South Channel Buoy 1	DISCONTINUED	14853		35/19	
8315	Scott Middle Ground South Channel Buoy 3	DISCONTINUED	14853		35/19	
8320	Scott Middle Ground South Channel Buoy 5	DISCONTINUED	14853		35/19	
8325	Scott Middle Ground Upper Junction Buoy	DISCONTINUED	14853		35/19	

8600.1	St. Clair Cut-Off Channel Lighted Buoy 32	DISCONTINUED	14853		19/19
12140	Crooked Lake Daybeacon 81	TRUB	14886		28/19
15220	Ontonagon Harbor East Breakwater Light	DISCONTINUED	14965		11/18
15260	Gull Island Light	Reduced Intensity	14973	S085-16	39/16
18340	North Manitou Shoal Light	Reduced Intensity	14912		51/17
18965	Grand Haven South Pierhead Entrance Light	Reduced Intensity	14933		40/16
18975	Grand Haven South Pierhead Inner Light	Reduced Intensity	14933		40/16
20480	Racine Reef Light	DISCONTINUED	14925		42/17
21940	Menominee Pier Light 6	DISCONTINUED	14917	M115-16	44/16

TEMPORARY CHANGES CORRECTED

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

PLATFORM TEMPORARY CHANGES

Name	Status	Position	BNM Ref.	LNM St	LNM End
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None

PLATFORM TEMPORARY CHANGES CORRECTED

Name	Status	Position	BNM Ref.	LNM St	LNM End
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None

SECTION 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.

14860	37th Ed.	01-MAY-16	Last LNM: 17/17	NAD 83	35/19
Chart Title: Lake Huron					
Main Panel 1312 LAKE HURON. Page/Side: A					
ADD	Sounding in Fathoms; 6 (NOS NW-30771)				NOS 45-52-04.152N 085-10-24.938W
ADD	Sounding in Fathoms; 7 (NOS NW-30769)				NOS 45-48-00.558N 084-47-37.982W
14880	33rd Ed.	01-JUN-14	Last LNM: 11/16	NAD 83	35/19

ChartTitle: Straits of Mackinac

Main Panel 1333 STRAITS OF MACKINAC. Page/Side: A

ADD	Dangerous Submerged Rock; Chart No. 1: K13 (NOS NW-30770)	NOS 45-40-31.314N	084-29-16.332W
ADD	Sounding in Feet; 38 (NOS NW-30771)	NOS 45-52-04.152N	085-10-24.938W
ADD	Sounding in Feet; 42 (NOS NW-30769)	NOS 45-48-00.558N	084-47-37.982W
ADD	Sounding in Feet; 47 (NOS NW-30771)	NOS 45-51-19.922N	085-10-55.279W
ADD	Wreck in Feet; 4 Wk Chart No. 1: K26 (NOS NW-30770)	NOS 45-39-12.431N	084-26-03.530W

14881 35th Ed. 01-APR-19 Last LNM: 49/13 NAD 83 35/19

ChartTitle: Detour Passage to Waugoshance Pt.;Hammond Bay Harbor;Mackinac Island;Cheboygan;Mackinaw City;St. Ignace

Main Panel 1334 LAKE HURON STRAITS OF MACKINAC DE TOUR PASS TO WAUGOSHANCE PT - -. Page/Side: -

ADD	Dangerous Submerged Rock; Chart No. 1: K13 (NOS NW-30770)	NOS 45-40-31.314N	084-29-16.332W
ADD	Sounding in Feet; 42 (NOS NW-30769)	NOS 45-48-00.558N	084-47-37.982W
ADD	Wreck in Feet; Chart No. 1: K26 and label: Wk (4 ft) (NOS NW-30770)	NOS 45-39-12.431N	084-26-03.530W

14886 13th Ed. 01-SEP-17 Last LNM: 26/13 NAD 83 35/19

ChartTitle: SMALL-CRAFT BOOK CHART - Inland Route, Cheboygan to Conway (book of 12 Charts)

Main Panel 1346 INLAND ROUTE MICHIGAN - -. Page/Side: -

ADD	Wreck in Feet; 4 Wk Chart No. 1: K26 (NOS NW-30770)	NOS 45-39-12.431N	084-26-03.530W
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14901 17th Ed. 01-NOV-18 Last LNM: 31/19 NAD 83 35/19

ChartTitle: Lake Michigan (Mercator Projection)

Main Panel 1361 LAKE MICHIGAN - -. Page/Side: -

ADD	Sounding in Fathoms; 6 (NOS NW-30771)	NOS 45-52-04.152N	085-10-24.938W
ADD	Sounding in Fathoms; 7 (NOS NW-30769)	NOS 45-48-00.558N	084-47-37.982W
ADD	Sounding in Fathoms; 7 (NOS NW-30771)	NOS 45-51-30.168N	085-14-31.142W
ADD	Sounding in Fathoms; 7 (NOS NW-30771)	NOS 45-52-53.980N	085-20-14.320W
ADD	Sounding in Fathoms; 7 (NOS NW-30771)	NOS 45-53-23.672N	085-16-40.732W

14902 31st Ed. 01-NOV-18 Last LNM: 38/18 NAD 83 35/19

ChartTitle: North end of Lake Michigan, including Green Bay

Main Panel 1362 NORTH END OF LAKE MICHIGAN INCLUDING GREEN BAY - -. Page/Side: -

ADD	Sounding in Feet; 38 (NOS NW-30771)	NOS 45-52-04.152N	085-10-24.938W
ADD	Sounding in Feet; 42 (NOS NW-30769)	NOS 45-48-00.558N	084-47-37.982W
ADD	Sounding in Feet; 42 (NOS NW-30771)	NOS 45-52-53.980N	085-20-14.320W
ADD	Sounding in Feet; 42 (NOS NW-30771)	NOS 45-53-23.672N	085-16-40.732W
ADD	Sounding in Feet; 43 (NOS NW-30771)	NOS 45-51-30.168N	085-14-31.142W
ADD	Sounding in Feet; 45 (NOS NW-30771)	NOS 45-52-45.660N	085-17-21.386W

14906 25th Ed. 01-SEP-13 Last LNM: 28/16 NAD 83 35/19

ChartTitle: South Haven to Stony Lake;South Haven;Port Sheldon;Saugatuck Harbor

Main Panel 1375 LAKE MICHIGAN SOUTH HAVEN TO STONY LAKE. Page/Side: N/A

ADD	GLERL M45F Yellow (Private Aid) Q Y	CGD09 at 43-13-50.220N	086-28-00.660W
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14911	22nd Ed.	01-FEB-16	Last LNM: 47/16	NAD 83	35/19
ChartTitle: Waugoshance Point to Seul Choix Point, including Beaver Island Group;Port Inland;Beaver Harbor					
Main Panel 1391 LK MICH WAUGOSHANCE PT-SEUL CHOIX PT. Page/Side: A					
ADD	Sounding in Feet; 38 (NOS NW-30771)	NOS	45-52-04.152N	085-10-24.938W	
ADD	Sounding in Feet; 42 (NOS NW-30771)	NOS	45-52-53.980N	085-20-14.320W	
ADD	Sounding in Feet; 42 (NOS NW-30771)	NOS	45-53-23.672N	085-16-40.732W	
ADD	Sounding in Feet; 43 (NOS NW-30771)	NOS	45-51-30.168N	085-14-31.142W	
ADD	Sounding in Feet; 45 (NOS NW-30771)	NOS	45-52-45.660N	085-17-21.386W	
ADD	Sounding in Feet; 47 (NOS NW-30771)	NOS	45-51-19.922N	085-10-55.279W	

14973	28th Ed.	01-FEB-14	Last LNM: 29/18	NAD 83	35/19
ChartTitle: Apostle Islands, including Chequamegan Bay;Bayfield Harbor;Pikes Bay Harbor;La Pointe Harbor					
Main Panel 1533 APOSTLE ISLANDS . Page/Side: N/A					
ADD	Sand Island Wave Buoy 1 Yellow Q Y	CGD09	at 47-01-19.704N	090-05-35.628W	
ADD	Sand Island Wave Buoy 2 Yellow Q Y	CGD09	at 46-57-14.022N	090-05-19.320W	

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)		
LAKE ST. CLAIR - Chart 14850		
Change the seasonal decommissioning date from November 14 to November 1 on the following buoys: Gaukler Shoal Lighted Buoy "1" (LLNR 8850) Gaukler Shoal Junction Lighted Buoy (LLNR 8855)		
Change the seasonal commissioning date from April 14 to April 21 on the following buoys: Point Huron Lighted Buoy "1PH" (LLNR 8925) Fair Haven Entrance Lighted Buoy "1FH" (LLNR 9265)		
	LNM: 22/19	
STRAITS OF MACKINAC - DE TOUR PASSAGE TO WAUGOSHANCE POINT - Chart 14881		
Change the following fog signal operation to user activated on the following lights. The fog signal would be energized when the mariner keys the microphone five times in VHF-FM radio channel 83A five times.		
Poe Reef Light (LLNR 11750) Fourteen Foot Shoal Light (LLNR 11765)		
	LNM: 20/19	
LAKE HURON - HARRISVILLE TO FORTY MILE POINT - Chart 14864		
Nordmeer Wreck Lighted Buoy "WR1" (LLNR 11505) Permanently discontinue the RACON "N" (- .) signal. The aid is a synthetic AIS ATON.		
	LNM: 27/19	
LAKE MICHIGAN - MANITOWOC AND SHEBOYGAN - CHART 14922		
Manitowoc Breakwater Light (LLNR 20860) permanently reduce the range of the light from 13 statute miles to 12 statute miles.		
	LNM: 22/19	

LAKE MICHIGAN - Green Bay - Chart 14917

Menominee Pier Light "6" (LLNR 21940) change the characteristic to Fl R 6(1) and reduce the nominal range from 12 statute miles to 10 statute miles.

LNM: 46/16

LAKE MICHIGAN - WAUKEGAN TO SOUTH HAVEN - CHART 14905

Burns Harbor South Light "3" (LLNR 19590) permanently reduce the range of the light from 9 statute miles to 8 statute miles.

LNM: 22/19

LAKE MICHIGAN - WAUGOSHANCE POINT TO SEUL CHOIX POINT - Chart

Change the following fog signal operation to user activated on the following lights. The fog signal would be energized when the mariner keys the microphone five times in VHF-FM radio channel 83A five times.

White Shoal Light (LLNR 17750)
Grays Reef Light (LLNR 17775)
Lansing Shoal Light (21535)

LNM: 20/19

LAKE MICHIGAN - PLATTE BAY TO LELAND - Chart 14912

Change the following fog signal operation to user activated on the following lights. The fog signal would be energized when the mariner keys the microphone five times in VHF-FM radio channel 83A five times.

North Manitou Shoal Light (LLNR 18340)

LNM: 22/19

LAKE MICHIGAN - PLATTE BAY TO LELAND - Chart 14912

North Manitou Shoal Light (LLNR 18340) Permanently discontinue the RACON morse code characteristic "N". Establish a Synthetic AIS ATON on the position of the aid.

LNM: 20/19

ST. MARYS RIVER -MUNUSCONG LAKE TO SAULT STE. MARIE - Chart 14833 - Munuscong

West Neebish Channel (Downbound) Light "26" (LLNR 13625) Relocate to position 46-15.9135N / 084-11.3678W West Neebish Channel (Downbound) Light "25" (LLNR 13630) Relocate to position 46-15.8830 / 084-11.4533W

LNM: 42/18

LAKE SUPERIOR - DULUTH - SUPERIOR HARBOR - Chart 14975

Duluth Harbor South Breakwater Outer Light (LLNR 15845) change the fog signal operation to a user activated system. The mariner can energize the fog signal by keying the microphone five times on VHF-FM channel 83A.

LNM: 29/17

LAKE SUPERIOR - DULUTH - SUPERIOR HARBOR - Chart 14975

Duluth Harbor South Breakwater Outer Light (LLNR 15845) discontinue the standby light.

LNM: 04/18

LAKE SUPERIOR - GRAND MARAIS TO BIG BAY POINT - Chart 14963

Big Bay Point Light (LLNR 14705) Change the operation of the light from a Federal Aid to Navigation to a Privately owner operated light. Change the characteristic from Fl W 6s and 12 statute mile range to Fl W 5s with a 20 statute mile range.

LNM: 23/19

LAKE SUPERIOR - APOSTLE ISLANDS - Chart 14973

Gull Island Light (LLNR 15260) Reduce the range of the light from 7 statute miles to 6 statute miles. Lower the focal plane of the light from 56 feet to 12 feet.

LNM: 22/19

LAKE SUPERIOR - ISLE ROYALE - Chart 14976

Siskiwit Bay Passage Lighted Bell Buoy "SB" (LLNR 16685) Permanently discontinue.

Siskiwit Bay Passage Buoy "2" (LLNR 16695) change from an unlighted buoy to a seasonal lighted buoy with a light characteristic of FI R 2.5s with a range of 5 statute miles. Permanently move the buoy 120 yards southeast to approximate position 47-53.87N /088-53.1W

Blake Point Five Foot Shoal Buoy "D" (LLNR 16825) Change the unlighted buoy to a year round lighted buoy with a light characteristic of FI W (2) 5s with a range of 4 statute miles. The lighted buoy will be black with a red stripe but will not show the isolated danger day shape of two vertical black spheres.

Locke Point Buoy "2" (LLNR 16830) Permanently discontinue.

Siskiwit Bay passage Buoy "1" (LLNR 16690) Permanently move the buoy 215 yards south to approximate position 47-53.81N / 088-53.23W.

Siskiwit Bay Passage Buoy "3" (LLNR 16700) Permanently move the buoy 120 yards northwest to approximate position 47-54.2N / 088-53.32W.

Malone Bay Buoy "4" (LLNR 16725) Permanently move the buoy 100 yards southeast to approximate position 47-58.69W / 088-48.23W.

Middle Island Passage Lighted Bell Buoy "2" (LLNR 16770) Permanently move the buoy 190 yards east northeast to approximate position 48-05.38N / 088-34.24W.

LNM: 20/19

LAKE SUPERIOR - BIG BAY POINT TO REDRIDGE - CHART 14964

Manitou Island Light (LLNR 15170) permanently reduce the range of the light from 12 statute miles to 10 statute miles

LNM: 22/19

SECTION VI - PROPOSED CHANGES

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

PROPOSED WATERWAY PROJECTS OPEN FOR PUBLIC COMMENT

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

Proposed Change Notice(s)

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 - 2018

The U. S. Coast Guard is conducting a Waterway Analysis and Management System Study of the following waterways during 2019. The study focuses on the Aids to Navigation within the waterway, waterborne commerce, marine casualty information, emergency response plans, routine and emergency communication capabilities, and future development projects. Coast Guard units will conduct research of each waterway in the study and require waterway user feedback. If you have recommended changes to the waterway please email: william.d.sharp@uscg.mil or complete the survey attached to this local notice to mariner. Your comments are very important and will be forwarded to the appropriate unit conducting the study.

Straits of Mackinaw Eastern Section (LLNR 11720 – LLNR 11775)
(LLNR 12175 – LLNR 12215)
(LLNR 12535 – LLN 12650)

Burns Harbor (LLNR 19575 – LLNR 19625)

Milwaukee Harbor (LLNR 20635 – LLNR 20765)

Portage Lake (LLNR 18370 – LLNR 18445)

Waterways Analysis and Management System Study - 2018

Manistee Harbor (LLNR 18450 – LLNR 18520)

Ludington Harbor (LLNR 18525 – LLNR 18645)

Chicago / Calumet Harbors (LLNR 19630 – LLNR 20300)

Alpena (LLNR 11345 – LLNR 11715)

Les Cheneaux Islands (LLNR 12220 – LLNR 12532)

Sandusky River (LLNR 5035 – LLNR 5515)

Au Gres (LLNR 11140 – LLNR 11235)

Tawas Bay (LLNR 11240 – LLNR 11330)

Rochester Harbor (LLNR 2280 – LLNR 2395)

Youngstown Harbor (LLNR 2400 – LLNR 2655)

Sackets Harbor (LLNR 1755 – LLNR 2024.9)

St. Mary's River (LLNR 12765 – LLNR 13755)

Lake Nicolet / Bayfield Channel (LLNR 13955 – LLNR 14192)

LNM: 23/19

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 STATE CANAL SYSTEM – NY - Erie Canal – Chart 14786 – Bridge Inspections

From September 2, 2019 through September 27, 2019, Monday through Saturday, between the hours of 0800 and 2000 a 100 foot inspection vessel will be working under the bridges between E22 Main Street (County Road 27) Bridge at Mile 43.53 and E39 Moss Road Bridge at Mile 92.51 to include the E61 Cove Road Bridge at Mile 128.19, all over the Erie Canal part of New York Canal System, between the towns of Mohawk and Verona, NY. The vessel will monitor VHF-FM Marine Channel 16 and will move if a 30-minute advance notice is provided.

LNM: 12/19

NEW YORK STATE CANAL SYSTEM – NY - Erie Canal – Chart 14786 – Bridge Maintenance

From July 9 through November 20, 2020, the E-174 Union Street Bridge at Mile 271.28 and the E-128 Main Street (SR 250) Bridge at Mile 246.67, both over the Erie Canal, part of the New York Canal System will be locked in the open to navigation position and moveable platforms that hang approximately 3 feet below low steel will be installed under the bridge in one half of the channel. The normal working hours will be 0700 to 1700, Monday through Friday; however, actual work hours may change during the project due to weather.

LNM: 20/19

NEW YORK STATE CANAL SYSTEM – NY - Erie Canal – Chart 14786 – Bridge Maintenance

From July 1, 2019 through October 31, 2019 between the hours of 0600 and 2200 daily contractors will be washing all bridges from Lock Street Bridge (E233) at Mile 322.6 to Delaware Avenue Bridge (E247) at Mile 340.2 all over the Erie Canal. Spotters will warn of approaching vessels and move the man lifts to allow vessels to pass. Mariners should avoid passing under large amounts of falling water.

LNM: 21/19

NEW YORK STATE CANAL SYSTEM – NY - Erie Canal – Chart 14786 – Bridge Maintenance

From July 9 through November 20, 2020 moveable platforms will be installed under the E174 Union Street Bridge at mile 271.28 and the E128 Main Street Bridge at Mile 246.67, both over the Erie Canal. The platforms will extend approximately 6 feet below low steel.

LNM: 24/19

NEW YORK STATE CANAL SYSTEM – NY - Erie Canal – Chart 14786 – Bridge Maintenance

From May 1 through November 25, 2019, between the hours of 0700 to 1600, Monday through Friday, snooper trucks and other man lifts will be working under the E194 Transit Road at Mile 289.15 and the E195 Densmore Road at Mile 290.18, both over the Erie Canal, part of the New York State Canal System at Albion, NY. Spotters will warn of approaching vessels and move the man lifts to allow vessels to pass.

LNM: 11/19

NEW YORK STATE CANAL SYSTEM – NY - Erie Canal – Chart 14786 – Bridge Removal

Until November 18, 2019 crews will be removing the E60 Higginsville/ County Road 60A Bridge at Mile 126.04 over the Erie Canal. The bridge navigation lights will be replaced with steady burning yellow lights marking the bottom and four-corners of the bridge.

LNM: 27/19

LAKE ONTARIO – NY – Rochester Harbor – Chart 14815 - Bridge Special Event

On September 22, 2019 between the hours of 0730 and 1245 the O'Rourke 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 and opening may do so at any time.

LNM: 06/19

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

From September 3, 2019 through October 15, 2020, between the hours of 0730 and 1530, Monday through Friday. Contractors will utilize two 60 foot by 60 foot or smaller barges to construct the Voinovich Pedestrian Bridge at the mouth of the North Coast Harbor. The barges will move to accommodate vessels traffic if a 1-hour advance notice is provided directly to the barges on VHF-FM Marine Channel 16. Steady burning red lights will mark all temporary reductions to the horizontal clearance and steady burning yellow lights will mark temporary reductions in vertical clearances until the permitted bridge navigation lights are energized.

LNM: 33/19

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

Until October 1, 2019 the West 3rd Street Bridge at Mile 3.69 over the Cuyahoga River will require a 1-hour advance notice for openings. Mariners should provide advance notice directly to the Carter Road Bridge tender on VHF-FM Marine Channel 16.

LNM: 25/19

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

The coast Guard has received a report that the lights on the Union Terminal viaduct at Mile 1.89 over the Cuyahoga River, are extinguished.

LNM: 19/19

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

From August 1 through August 30, 2019 one leaf of the Erie Avenue Bridge at Mile 0.6 over the Black River will operate normally and a 4-hour advance notice will be required for 2-leaf openings. Mariners should provide advance notice directly to the drawtender on VHF-FM Marine Radio or by calling: 440-244-2137.

LNM: 31/19

LAKE ERIE – OH – Sandusky Bay – Chart 14845 – Bridge Maintenance

From July 15 through October 1, 2019 spider scaffolding will be installed over the north pass through, not part of the navigation span of the State Route 2 at Mile 7.7 over the Sandusky Bay. Steady burning yellow lights will mark the scaffolding.

LNM: 29/19

LAKE ERIE – OH – Cleveland Harbor – Chart 14839 – Bridge Special Event

From 0800 to 1100 on September 14, 2019 the Center Street Bridge at Mile 1.39, the Columbus Road Bridge at Mile 1.93, and the Carter Road Bridge at Mile 2.43, over the Cuyahoga River will be secured to masted navigation in conjunction with the Cleveland 5K Run event. Vessels able to pass under the bridge may do so at any time.

LNM: 35/19

LAKE ERIE – OH – Toledo Harbor – Chart 14867 – Bridge Maintenance

From 0700 on September 29 through 0700 on September 30 and again from 0700 on October 27 through 0700 on October 28, 2019 the Norfolk Southern Railroad Bridge at Mile 5.76 over the Maumee River will be secured to masted navigation. Vessels able to pass under the bridges without an opening may do so at any time.

LNM: 35/19

LAKE ERIE – MI – River Raisin – Chart 14846 – Bridge Maintenance

From July 8, 2019 through October 1, 2020. Monday through Friday between the hours of 0700 and 1700, a 40 foot by 20 foot barge will be working at the I-75, Detroit-Toledo Freeway Bridge at Mile 2.1 over the River Raisin. The barge will move if a 1-hour advance notice is provided to the barge on VHF-FM Marine Channel 16 or by calling: 810-217-9551. Scaffolding will be installed tight to the underside of the bridge and platforms that hang approximately 3 feet below low steel will be installed around each bridge pier. 50 feet of horizontal clearance will be available to vessels to pass between the bridge piers.

LNM: 27/19

DETROIT RIVER – MI – Trenton Channel – Chart 14853 – Bridge Hazard

The Coast Guard has received a report that the fendering for the Grosse Isle Parkway (Free) Bridge at Mile 5.60 over the Detroit River, Trenton Channel is underwater and presenting a hazard to navigation. Mariners should remain clear of the orange floats attached to the submerged portions of the bridge. The bridge is operating normally.

LNM: 14/19

DETROIT RIVER – MI – Trenton Channel – Chart 14853 – Bridge Inspection

DETROIT RIVER – MI – Trenton Channel – Chart 14853 – Bridge Inspection

From August 26 through August 29, 2019, between the hours of 0900 to noon and again from 1230 to 1530, the Grosse Ile Toll Bridge at Mile 8.80 over the Trenton Channel of the Detroit River will be secured to masthead navigation. Vessels able to pass under the bridge without an opening may do so at any time.

LNM: 30/19

DETROIT RIVER – MI – Trenton Channel – Chart 14854 – Bridge Maintenance

From August 1 to December 1, 2019 a barge will be working in one channel of the Grosse Isle Parkway (FREE) Bridge at Mile 5.60 over the Trenton Channel of the Detroit River. The bridge will require a 1-hour advance notice for openings. Mariners need to pass through the bridge at a safe speed as upbound and downbound traffic will need to use the same draw.

LNM: 26/19

ST. CLAIR RIVER – MI – St. Clair Middle Ground – Chart 14852 – Bridge Maintenance

From April 15 through October 14, 2019 scaffolding that hangs approximately 5 feet below low steel will be installed under the U.S. side of the Blue Water Bridge at Mile 39.1 over the St. Clair River. Steady burning yellow lights will mark the bottom and four-corners of the scaffolding. The bridge navigation lights will remain unaffected.

LNM: 10/19

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

From August 5 through September 27, 2019 platforms will be used on the Lake State Railroad Bridge at Mile 3.10 over the Saginaw River, that extend approximately 3 feet out from the pier face of the bridge. Workers will monitor VHF-FM Marine Channel 16 and can advise mariners what draw they are working in or they can move the platform behind the fendering or remove the platforms if provided a 1-hour advance notice.

LNM: 29/19

Chicago Sanitary and Ship Canal, MM 295.6 to MM 296.0

There will be increased marine traffic, due to electro fishing and sampling operations, intermittently from May 1, 2019 to December 31, 2019, along the left descending bank of the Chicago Sanitary and Ship Canal, beginning 135 m downstream of the Romeo road bridge and extending downstream 500 m; mile marker 295.6 to mile marker 296.0. We are advising mariners to use caution when transiting the area due to fishing nets in the water. All fishing crews will be monitoring VHF channel 16. For further information, please contact sector Lake Michigan at (414) 747-7182.

LNM: 15/19

GREEN BAY-WI- FOX RIVER- CHART 14918- DREDGING

"DREDGING OPERATIONS ON THE FOX RIVER IN GREEN BAY WILL BEGIN MARCH 25, 2019 AND CONTINUE UNTIL NOVEMBER 13, 2019. THE DREDGES "MARK ANTHONY", "OTTAWA RIVER", and "EBC" WILL ALL WORK IN THE AREAS IMMEDIATELY SOUTH OF THE MASON STREET BRIDGE TO APPROXIMATELY 1,500-FEET OUTSIDE THE MOUTH OF THE RIVER. IF YOU HAVE ANY QUESTIONS CONCERNING THIS AREA OF THE FOX RIVER PLEASE CONTACT THE DREDGES VIA CHANNEL 16 AFTER OPERATIONS BEGIN. ALL OPERATIONS WILL TAKE PLACE MONDAY 7:00 A.M (CST) THRU SATURDAY 7:00 A.M. (CST). EQUIPMENT PIPELINES MAY BE FLOATING OR SUBMERGED AND ARE MARKED WITH APPROPRIATE BUOYS. ALL MARINERS ARE URGED TO TRANSIT THESE AREAS OF THE FOX RIVER WITH EXTREME CAUTION AND PAY CLOSE ATTENTION TO THE RED AND GREEN CHANNEL MARKER BUOYS AND FLOATING CONSTRUCTION ZONE SIGNAGE. IF YOU HAVE ANY QUESTIONS OR FOR FURTHER DETAILS, YOU MAY ALSO CONTACT SECTOR LAKE MICHIGAN AT (414)747-7182 OR VIA CHANNEL 16.

2. AS PART OF OPERATIONS FOR THE YEAR A TEMPORARY SHEET PILE STRUCTURE WILL BE BUILT IN THE EAST RIVER TURNING BASIN NEAR THE GEORGIA PACIFIC PROPERTY. INSTALLATION OF THE SHEET PILE CONTAINMENT WILL BEGIN AROUND APRIL 1 AND REMOVAL OF THE CONTAINMENT IS EXPECTED TO BE COMPLETED BY OCTOBER 1ST. WHILE INSTALLED ALL SHIPS PLANNING TO UTILIZE THE EAST RIVER TURNING BASIN MUST MAKE APPROPRIATE PLANS TO HAVE AN ASSIST TUG HELP WITH MOVEMENTS. THE SHEET PILE CONTAINMENT WILL BE MARKED APPROPRIATELY. FOR FURTHER DETAILS PLEASE CONTACT JF BRENNAN AT 608-519-5273."

LNM: 13/19

Anchorage within Chicago Harbor

Recreational vessels are not allowed to anchor inside Anchorage A, exterior breakwater or Anchorage B, south arm located in Chicago Harbor. Recreational vessels must anchor within the boundaries of Anchorage C, shore arm. Anchorage C boundaries are as follows; south of a line parallel with and 150 feet southward of the shore arm of the exterior breakwater; west of a line parallel with the south extension of the exterior breakwater, 100 feet westward of the east end of the shore arm; northwest of a line perpendicular to the Lake Shore Drive revetment and 300 feet northwest of the northwest corner of the filtration plant; and east of a line parallel with and 600 feet lake ward of the Lake Shore Drive revetment. Except in cases of emergency, no vessel may be anchored in Chicago Harbor outside of the anchorage grounds or the special anchorage areas.

LNM: 16/19

INDIANA HARBOR AND CANALS - EAST CHICAGO

Dredging will be conducted from 6/17/2019 to 10/17/2019 24 hours a day. Tugs and Barges will be towing between the dredge areas and the confined disposal facility. The confined disposal facility is on the North side of the Lake George Canal and the west side of Indianapolis Blvd. Please contact Beth Webber at 231-627-5633 , Ken Smith 231-445-2460 , or the Tug General on VHF channel 13 / 16

LNM: 24/19

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

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

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

Straits of Mackinac- Security Zone

The Coast Guard will enforce a temporary security zone around the Mackinac Bridge during the annual Labor Day Bridge Walk, on September 2, 2019, from 6 a.m. until noon.

The security zone will include all navigable waters on either side of the Mackinac Bridge within one-quarter mile of the bridge, per 33 C.F.R. §165.928. All waters within the security zone will be closed to recreational vessel traffic. Only commercial vessels with a valid Coast Guard Certificate of Inspection or foreign equivalent, and under the command of a licensed mariner, will be permitted to transit through the security zone.

Commercial vessels seeking to enter and transit the zone must obtain permission from the Coast Guard prior to entering the zone and should do so at least one hour in advance. Vessels should make initial contact with the Coast Guard Designated Representative of the Captain of the Port (COTP) on VHF channel 16.

All vessels entering or moving within the security zone must operate at speeds necessary to maintain a safe course and not exceed 12 knots. The on-scene Coast Guard Designated Representative of the COTP may control the movement of all vessels in the security zone and may subject vessels intending to transit the zone to additional screening as a condition of entry.

When hailed or signaled by an official patrol vessel, a vessel in the zone is required to immediately comply with the directions given. All concerned traffic may contact the Coast Guard Designated Representative of the COTP on VHF channel 16.

LNM: 35/19

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 – WI – Upper Fox River – Chart 14918 – Bridge Discrepancy

The Coast Guard has received a report that the Wisconsin Avenue (Veterans Memorial) Bridge at Mile 23.78 over the Fox River at Kaukauna Wisconsin is stuck in the closed position. Vessels able to pass under the bridge without an opening may do so at any time.

LNM: 17/17

North Branch of the Chicago River

This notice is to advise mariners of a partially submerged obstruction off the left descending bank of the North Branch of the Chicago River located at MM 327.5

LNM: 19/19

Calumet Harbor, IL

An exclusion safety zone where blasted rock may be encountered above the normal channel bottom has been established by the U.S. Coast Guard. The exclusion zone known as safety zone one encompasses all waters bounded by a line drawn from the Calumet Harbor Entrance South Side Light at 41°44.1348'N, 087°30.3790'W then southwest to 41°43.8568'N, 087°30.6587'W then southeast to 41°43.5801'N, 087°30.2830'W then east to the Calumet Harbor Breakwater South End Light at 41°43.5619'N, 087°29.6016'W. The southerly boundary is marked with poles that have white day boards with orange markings that are topped with a white flashing light. At a distance of 500 feet southerly from safety zone one is the row of green U.S. Coast Guard navigation buoys. Vessels entering and exiting the harbor may use the 500 foot wide portion of the navigation channel between the safety zone one aids to navigation and the Green Navigation Buoys. Vessels are urged to operate at reduced speeds and avoid creating any wake that could affect the marine equipment working with explosives. Safety zone one will be enforced for the whole duration of the work being conducted, from May 1, 2019 through December 15, 2019.

LNM: 19/19

LAKE MICHIGAN – IL – Chicago Harbor – Chart 14927 – Bridge Construction

From September 14, 2018 through September 1, 2019, between the hours of 0600 to 1800 7-days a week, a 120 foot by 55 foot barge will be working to construct the Addison Under Bridge at Mile 7.55 over the North Branch of the Chicago River. The barge will monitor VHF-FM Marine Channel 16 and will move to allow vessel to pass if a 1-hour advance notice is provided.

LNM: 11/19

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

From June 3, 2019 through February 28, 2020 between the hours of 0600 and 1730 Monday through Saturday, a 125 foot by 35 foot barge will be working under the South Loomis Street Bridge at Mile 5.29 (CORPS MILE 321.9) over the South Branch of the Chicago River. The barge will move if a 2-hour advance notice is provided directly to the Loomis Street draw tender on VHF-FM Marine Channel 16 or by calling 312-747-2470.

LNM: 22/19

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

From July 15 through August 31, 2019 between the hours of 0700 and 1530, Monday through Friday, a 130 foot by 42 foot barge will be working under one half of the LaSalle Street Bridge at Mile 1.29 (CORPS MILE 325.9) over the Main Branch of the Chicago River at Chicago, IL. The barge will monitor VHF-FM Marine Radio Channel 16 and will move if a 2-hour advance notice of arrival is provided.

LNM: 27/19

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

From May 1 through October 31, 2020 one leaf of the Lake Shore Drive Bridge at Mile 0.32 (CORPS MILE 326.9) over the Main Branch of the Chicago River will be secured to masted navigation and scaffolding that hangs approximately 4 feet below low steel will be installed under the secured leaf. Six 40 foot by 10 foot modular barges will be working around the bridge. The barges will move to accommodate vessels if a 30-minute advance notice is provided on VHF-FM Marine Radio channel 16.

LNM: 16/19

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

From September 18 through September 20, 2019 between the hours of 0700 and 1500 each day, inspectors will use snooper trucks under the Kedzie Avenue Bridge at Mile 16.01 (CORPS MILE 317.0) over the Calumet-SAG Channel. Spotters will warn of approaching vessel and will move the man lift to allow vessels to pass.

LNM: 18/19

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

From July 19, 2019 through September 16, 2019 contractor will be installing the Addison Under Bridge at Mile 7.55 over the North Branch of the Chicago River. A 120 foot by 55 foot barge will be working at the bridge and false work that hangs approximately 10 feet lower than the Addison Bridge, will be constructed across the river to accommodate the concrete pour. A 35 foot horizontal channel will be maintained through the construction area and marked by steady burning red lights with green center channel lights mounted to the falsework.

LNM: 30/19

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

From August 15 through August 30, 2019 between the hours of 0600 and 1800 Monday through Saturday, a 100 foot by 35 foot barge will be inspecting the following bridges:

From the South Western Avenue Bridge at Mile 6.7 (CORPS MILE 320.6) to the South Cicero Avenue Bridge at Mile 10.0 (CORPS MILE 317.3) over the Chicago Sanitary and Ship Canal. The barge will monitor VHF-FM Marine Channel 16 and will move with a 1-hour advance notice.

LNM: 31/19

LAKE MICHIGAN – WI – Upper Fox River – Chart 14916 – Bridge Maintenance

From October 21 through October 30, 2019, between the hours of 0700 and 1500, Monday through Thursday the Congress Avenue Bridge at Mile 58.01 over the Fox River will be secured to masted navigation. Vessels able to pass under the bridge without an opening may do so at any time.

LNM: 33/19

LAKE MICHIGAN – IL – Chicago Harbor – Chart 14972 – Bridge Inspection

From September 3 through September 30, 2019 between the hours of 0600 and 1800 Monday through Saturday a 110 foot by 35 foot barge will be inspecting 20 bridges between the Lake Shore Drive Bridge at Mile 0.32 (CORPS MILE 326.9) over the Main Branch and the Van Buren Street Bridge at Mile 2.26 (CORPS MILE 324.9) over the South Branch and the Western Street Bridge at Mile 6.39 (CORPS MILE 330.2) over the North Branch of the Chicago River. The barge will move if a 1-hour advance notice is provided directly to the barge on VHF-FM Marine Channel 16.

LNM: 35/19

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

From August 23 through September 29, 2019, Friday through Sunday 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. Vessels able to pass under the bridge without an opening may do so at any time.

LNM: 35/19

LAKE MICHIGAN – IN – Indiana Harbor Canal – Chart 14927 – Bridge Construction

From September 1 through October 31, 2019, Monday through Saturday, 0700 to 1900, daily a 120 foot by 110 foot barge will be constructing the new Cline Avenue Bridge at Mile 1.61 over the Indiana Harbor Canal. The barge will monitor VHF-FM Marine channel 16 and will move with a 1-hour advance notice of arrival. Steady burning yellow lights on the new drawspan will warn mariners of the available vertical clearance during construction.

LNM: 31/19

LAKE MICHIGAN – PORT WASHINGTON-MI

LAKE MICHIGAN – PORT WASHINGTON-MI

FROM JULY 1, 2019 TO AUGUST 31, 2019, A WAVE SENSOR WILL BE POSITIONED AT THE NORTH END OF PORT WASHINGTON HARBOR IN APPROXIMATE POSITION 43°23.52N, 087°51.70W APPROXIMATELY 700 FEET FROM THE SHORE OF THE WASTE WATER TREATMENT PLANT. THE SENSOR WILL BE LOCATED IN APPROXIMATELY 30' OF WATER AND WILL BE LIGHTED BY A FLASHING AMBER LIGHT OF 2.5 SECOND DURATION. MARINERS ARE URGED TO USE CAUTION, AND REFRAIN FROM MOORING ON THE STRUCTURE. IF YOU HAVE ANY QUESTIONS OR FOR FURTHER DETAILS, CONTACT SECTOR LAKE MICHIGAN AT (414)747-7182 OR VIA CHANNEL 16 VHF FM.

LNM: 27/19

ILLINOIS RIVER - MARSEILLES AND STARVED ROCK LOCK AND DAM

Marseilles Lock, MM 244.6 and Starved Rock Lock MM 231.0 will be closed to all navigation starting at 6:00 a.m. on Saturday September 21, 2019 through 6:00 a.m. on Saturday October 5, 2019. The simultaneous closure of multiple locks will provide time for much needed critical repairs and maintenance while reducing impacts to navigation. All lock and dam facilities on the Illinois Waterway have a single lock chamber for passing vessels. During the scheduled closures, no vessels will be able to pass through the affected locks. Recreational and commercial vessels will be able to navigate within the pools without restriction. Mariners are requested not to tie up along the guide walls during these periods unless instructed by lock staff. Please contact the Illinois Waterway Project Office at (309) 676-4601 for further information.

LNM: 32/19

ILLINOIS RIVER - MARSEILLES AND STARVED ROCK LOCK AND DAM

Partial closures for Starved Rock and Marseilles Lock and Dam from July 8 2019 to September 10, 2019. During this partial closure the Locks will be operational from 6 a.m. to 6 p.m. with a 70-ft width restriction and no ability to pull unpowered barges. Assist boats will be required. Mariners are requested not to tie up along the guide walls during these periods unless instructed by lock staff. Please contact the Illinois Waterway Project Office at (309) 676-4601 for further information.

LNM: 23/19

ILLINOIS RIVER - MARSEILLES AND STARVED ROCK LOCK AND DAM

During this partial closure the Locks will be operational from 6 a.m. to 6 p.m. with a 70-ft width restriction and no ability to pull unpowered barges. Assist boats will be required. Mariners are requested not to tie up along the guide walls during these periods unless instructed by lock staff. Please contact the Illinois Waterway Project Office at (309) 676-4601 for further information.

LNM: 32/19

ILLINOIS RIVER - LOCKPORT LOCK AND DAM

Lockport Lock and Dam MM 291.0 will be closed to all navigation starting at 6:00 a.m. on Saturday September 21, 2019 through 6:00 a.m. on Saturday October 5, 2019.

The purpose for the closure is to dewater the Lock Chamber to provide time for much needed critical repairs and maintenance while reducing impacts to navigation. These repairs cannot currently be made without dewatering the Lock Chamber. During the scheduled closures, no vessels will be able to pass through the affected locks. Mariners are requested not to tie up along the guide walls during these periods unless instructed by lock staff. Please contact the Illinois Waterway Project Office at (309) 676-4601 for further information.

LNM: 32/19

LAKE MICHIGAN – WI – Milwaukee Harbor – Chart 14924 – Bridge Maintenance

From June 17, 2019 through February 28, 2020 the Michigan Street Bridge at Mile 1.37 over the Milwaukee River will be locked in the fully open position. Due to a complete power loss the regular bridge lighting will be supplemented with steady burning yellow lights on the bottom of low steel to show the vertical clearance. Two 40 foot by 20 foot barges will be working under the navigation span, from 0500 to 1900, Monday through Saturday. The barges will move to accommodate vessels if a 1-hour advance notice is provided. Mariners should provide advance notice by calling: 262.366.5360. From September 1, 2019 through February 28, 2020 scaffolding will be installed that extends approximately 2 feet below low steel except under the navigation span where the scaffolding will extend approximately 1 foot below low steel.

LNM: 25/19

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

On September 4, 2019 from 0600 to 1800 the Main Street Bridge at Mile 1.58 over the Fox River will be secured to masthead navigation. Vessels able to pass under the bridge may do so at any time.

LNM: 35/19

LAKE SUPERIOR – MN – Duluth-Superior Harbor – Chart 14975 – Bridge Inspection

From August 14 through September 6, 2019 between the hours of 0800 to 1500, Monday through Thursday, inspectors will utilize snoopers vehicles and an inspection vessel under the Bong Bridge at Mile 5.20 over the St. Louis Bay and River. Spotters will warn of approaching vessels and move the man lifts to allow vessel to pass. The inspection vessel will monitor VHF-FM Marine Channel 16 and move as needed to accommodate vessel traffic.

LNM: 34/19

LAKE OF THE WOODS – MN – Rainy River – Chart 14999 – Bridge Construction

From May 1 through December 31, 2019 eight 80 foot x 80 foot barges will be working in the river in addition to a 100' x 60' causeway extending from the U.S. Shoreline to accommodate building the new International Bridge across the Rainy River between Baudette, Minnesota, and Rainy

LAKE OF THE WOODS – MN – Rainy River – Chart 14999 – Bridge Construction

River, Ontario, Canada at Mile 14.1 over the Rainy River at Baudette, MN. A 200 foot wide channel will be available for vessels to pass through the construction area.

LNM: 11/19

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	
15573	<i>Sand Island Wave Buoy 1</i>	47-01-19.704N 090-05-35.628W	Q Y				Maintained from May. 1 to Nov. 15. Private Aid.	35/19
*	*	*	*	*	*	*	*	
15574	<i>Sand Island Wave Buoy 2</i>	46-57-14.022N 090-05-19.320W	Q Y				Maintained from May. 1 to Nov. 15. Private Aid.	35/19
*	*	*	*	*	*	*	*	
15845	Duluth Harbor South Breakwater Outer Light	46-46-48.460N 092-05-15.020W	F G	44 13	16	White tower on fog signal building. 44	HORN: 2 bl ev 60s (3s bl-3s si-3s bl-51s si). Fog signal operates by keying the microphone five times on VHF-FM Channel 83A.	35/19
16648.1	<i>GLERL M45F</i>	43-13-50.220N 086-28-00.660W	Q Y				Maintained from Apr. 1 to Nov. 15. Private Aid.	35/19
*	*	*	*	*	*	*	*	
19545	Michigan City East Pierhead Light	41-43-44.045N 086-54-41.642W	Oc W 4s	55 17	10	White octagonal tower with red roof attached to fog signal building. 55	HORN: 2 blasts ev 30s (2s bl-2s si-2s bl-24s si). Operates by keying microphone five times on VHF-FM Ch. 83A.	35/19
19800	Calumet Harbor Breakwater South End Light	41-43-33.652N 087-29-35.956W	Al WR 10s 0.2s R fl 4.8s ec. 0.2s W fl 4.8s ec.	50 15	W 17 R 14	White square skeleton tower with red band. Lower half open. 46	HORN: 1 blast ev 15s (2s bl). Operates by keying microphone five times on VHF-FM Ch. 83A.	35/19
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D. L. Cottrell, RDML
U. S. Coast Guard
Commander, Ninth Coast Guard District

SUMMARY OF DREDGING/CONSTRUCTION OPERATIONS IN EFFECT SECTOR BUFFALO

The LNM column is where the entry originally appeared. The dates listed are tentative

<u>LOCATION</u>	<u>LNM</u>	<u>SUBJECT</u>	<u>HOURS/DAYS</u>	<u>FROM-TO</u>	<u>POC</u>	
<u>NEW YORK STATE BARGE CANAL</u>						
<u>LAKE ONTARIO</u>						
<u>LAKE ERIE</u>						
Maumee	41/18	Construction	0700-1900 M-F	1 Dec-31 Sep	Roy Bottenger	419-262-0530
Buffalo south breakwater	32/19	Construction	0700-1900 7 days	17 Jul-15 Nov	Ralph Farver	231-420-4352
Buffalo north breakwater	32/19	Construction	24 hrs 7 days	12 Aug-31 Dec	Ralph Farver	231-420-4352
Lorain Harbor	32/19	Dredging	24 hrs 7 days	10 Aug-15 Sep	Ralph Farver	231-420-4352
Conneaut OH	33/19	Dredging	24 hrs 7 days	14 Aug-30 Sep	Ralph Farver	231-420-4352
Huron, OH	35/19	Dredging	24 hrs 7 days	5 Sep - 18 Oct	Craig Argue	734-502-3833

DREDGING
LNM 35/19

The LNM column is where the entry originally appeared. The dates listed are tentative

LAKE ERIE

DETROIT RIVER

River Rouge	20/19	Dredging	0700-1900	1 Jun-1 Nov	Joseph Bailey	231-206-1379
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Burns Harbor, Portage IN	35/19	Dredging	24hrs/7days	6 Sep-15 Oct	Aaron Willis	231-871-0062
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LAKE ST. CLAIR

Lake St. Clair	12./19	Dredging	24hrs/7days	31 May- 15 Aug	Jonathan Wilson	231-944-2882
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Lake Huron

Saginaw Bay	30/19	Construction	0700-1900 7days	31 JUL-30 AUG	Joseph Bailey	231-206-1379
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STRAITS OF MACKINAC

**SUMMARY OF DREDGING/CONSTRUCTION OPERATIONS IN EFFECT
SECTOR SAULT SAINTE MARIE**

The LNM column is where the entry originally appeared. The dates listed are tentative

<u>LOCATION</u>	<u>LN</u> <u>M</u>	<u>SUBJECT</u>	<u>HOURS/DAYS</u>	<u>FROM-TO</u>	<u>POC</u>
<u>STRAITS OF MACKINAC</u>					
<u>GREEN BAY</u>					
<u>LAKE SUPERIOR</u>					
Keweenaw Stamp Sands	19/19	Sediment coring and dredging	22 APR- 31 JUL	24hrs/7 days	Kent Petersen 715-356-7311

SUMMARY OF DREDGING/CONSTRUCTION OPERATIONS IN EFFECT SECTOR LAKE MICHIGAN

The LNM column is where the entry originally appeared. The dates listed are tentative

<u>LOCATION</u>	<u>LNM</u>	<u>SUBJECT</u>	<u>HOURS/DAYS</u>	<u>FROM-TO</u>	<u>POC</u>	
<u>LAKE MICHIGAN</u>						
Manistee, MI	30/19	Construction	7 days 0700-1900	25 JUL-31 DEC	Dave Herweyer	616-836-6551
Michigan City, MI	32/19	Dredging	24 hrs 7 days	7 Aug-14 Sep	Darwin Mccoy	906-632-4316
Michigan City, MI	35/19	Construction	24hrs 7 days	2-30 Sep	Joseph Bailey	231-755-2225
<u>GREEN BAY</u>						

GREAT LAKES-MARINE EVENT-SAFETY ZONES-SECURITY ZONES**SECTOR BUFFALO**

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

<u>Location</u>	<u>LN</u>	<u>M</u>	<u>Name of Event</u>	<u>Date</u>	<u>Time of Event</u>	<u>POC</u>	<u>POC #</u>
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St. Lawrence River**LAKE ONTARIO****LAKE ERIE**

Ashtabula, OH	19/19	Perch and Pilsner Ski Show	7-Sep	1200-1800	Wendy DuBey	440-812-5524
Cleveland, OH	19/19	Cleveland Air Show	31 Aug-02 Sep	0900-1800	Leslie King	216-781-0747
Cleveland, OH	34/19	Perch & Pilsner Fireworks	7-Sep	2030-2130	Michael Bartone	814-969-6249
Fairview, PA	23/19	Lake Erie Marathon Swim	1Jul19 - 31Aug19	Varies	Josh Heynes	814-602-5504
Vermillion River	34/19	Paddlepalooza	09/21/2019	0900-1500	Jaclyn Moran	(440) 409-9334

LN 35/19

GREAT LAKES-MARINE EVENT-SAFETY ZONES-SECURITY ZONES**SECTOR DETROIT**

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

<u>Location</u>	<u>LN</u>	<u>Name of Event</u>	<u>Date</u> <u>Time of Event</u>	<u>POC</u>	<u>POC #</u>
Sandusky, OH	34/19	Funday P	31-Aug 0900-1500	Jim Keane	419-366-8996
Sandusky, OH	34/19	Lake Fireworks	31-Aug 2145-2215	Shirley Stary	419-798-4461
Sandusky, OH	35/19	Funday Pursuit	31-Aug 0900-1500	Jim Keane	419-366-8996
Sandusky, OH	35/19	Lakeside Fireworks	31-Aug 2145-2215	Shirley Stary	419-798-4461
Sandusky, OH	35/19	Dragon & Bacon Fest	14-Sep 0800-1700	Jason Werling	419-515-1089
Sandusky, OH	35/19	Harbor Bay Club slummer Sailboat Racing Robby's Regatta	14-Sep 1200-1700	Larry Hurst	614-395-8035

LAKE ERIE**DETROIT RIVER**

21/19	Bayview Y Club Friday Fights	Fridays 1800-2200	Tracy Girard	313-568-9564
21/19	Bayview Thursday races	Thursdays 1800-2000	Tracy Girard	313-568-9564
24/19	Pine Street Paddle	Wednesdays 1800-2000	Tracy Girard	313-568-9564
24/19	Belle Isle Sunset Tour	Thursdays 1800-2030	Tracy Girard	313-568-9564
24/19	Detroit Yacht Club Off the Dock	Wednesdays 1900-2130	Tracy Girard	313-568-9564
24/19	Detroit Historical Canal Tour	Weekends 0900-1600	Tracy Girard	313-568-9564
24/19	BVYC Junior Program	M-Fs 0800-1600	Tracy Girard	313-568-9564
24/19	BVYC Junior Program	M-Fs 0800-1600	Tracy Girard	313-568-9564

LAKE ST. CLAIR/St. Clair River**LAKE HURON**

GREAT LAKES-MARINE EVENT-SAFETY ZONES-SECURITY ZONES

SECTOR SAULT STE MARIE

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

<u>Location</u>	<u>LN</u>	<u>M</u>	<u>Name of Event</u>	<u>Date</u>	<u>Time of Event</u>	<u>POC</u>	<u>POC #</u>
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STRAITS OF MACKINAC

GREEN BAY

LAKE SUPERIOR

ST. MARY'S RIVER

GREAT LAKES-MARINE EVENT-SAFETY ZONES-SECURITY ZONES**SECTOR LAKE MICHIGAN**

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

<u>Location</u>	<u>LNM</u>	<u>Name of Event</u>	<u>Date</u>	<u>Time of Event</u>	<u>POC</u>	<u>POC #</u>
<u>LAKE MICHIGAN & Green Bay</u>						
Chicago, IL	20/19	Navy Pier Fireworks	Weds + Sats	2125-2145	MSU Chicago	630-986-2155
Burnham Harbor, IL	20/19	Columbia Yacht Club Sailing Race	Wednesdays	1800-2100	MSU Chicago	630-986-2155
Lake Michigan	29/19	Hobie Fleet 126	20 Jul, 17 Aug, 01Sep	0900-1700	Gregory Jackson	414-747-7182
Milwaukee, WI	32/19	Fireworks at Discovery Pier	August 31, 2019	2100 - 2130	Kyle Weitzell	414-747-7148
Sister Bay, WI	32/19	Sister Bay Marinafest Fireworks	August 31, 2019	2100 - 2130	Kyle Weitzell	414-747-7148
Diversey Harbor, MI	35/19	Apple Vacations Awards Gala	9-Sep-19	2135-1005	MSU Chicago	630-986-2155
Mukwonago, WI	35/19	E Scpw Nationals	05-08 Sep	0700-1600	Kyle Weitzell	414-747-7148
Chicago, IL	35/19	Navy Pier Fireworks	6-7 Sep	2125-2145	Kyle Weitzell	414-747-7148
Chicago, IL	35/19	Chicago River Marathon	8-Sep	0500-1000	Kyle Weitzell	414-747-7148
Milwaukee, WI	35/19	Milwaukee Boat Parade	8-Sep	1130-1430	Kyle Weitzell	414-747-7148
Chicago, IL	35/19	Art on the Mart Fireworks	21-Sep	2030-2035	Kyle Weitzell	414-747-7148
Milwaukee, WI	35/19	Milwaukee River Challenge	21-Sep	0800-1530	Kyle Weitzell	414-747-7148
Morris, IL	35/19	Grundy Corn Fest Fireworks	28-Sep	0830-2100	Kyle Weitzell	414-747-7148