LOCAL NOTICE TO MARINERS

District: 9  Week: 13/22

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.atlanticarea.uscg.mil/Our-Organization/District-9/
*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/


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 - B007-22 through B010-22
- Ninth District - C023-22 through C032-22
- Sector Detroit, MI - D012-22 through D018-22
- Sector Lake Michigan, WI - M058-22 through M068-22
- Sector Sault Ste Marie, MI - S015-22 through S026-22

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
Al - Alternating
B - Buoy
BKW - Breakwater
bl - Blast
BNM - Broadcast Notice to Mariner
bu - Blue
C - Canadian
CHAN - Channel
CGD - Coast Guard District
C/O - Cut Off
CONT - Contour
CRK - Creek
CONST - Construction
DAYMK/Daymk - Daymark
DBN/Dbn - Daybeacon
DBD/DAYBD - Dayboard
DEFAC - Defaced
DEST - Destroyed

I through O
1 - Interrupted
ICW - Intracoastal Waterway
IMCH - Improper Characteristic
INL - Inlet
INOP - Not Operating
INT - Intensity
ISL - Islet
Iso - Isophase
kHz - Kilohertz
LB - Lighted Buoy
LBB - Lighted Bell Buoy
LHB - Lighted Horn Buoy
LLB - Lighted Gong Buoy
LONG - Longitude
LT - Light
LT CONT - Light Continuous
LTR - Letter
LWB - Lighted Whistle Buoy

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
RRASS - Remote Radio Activated Sound Signal
s - seconds
SEC - Section
SHL - Shoaling
This section contains information of special concern to the Mariner.

**SECTION I - SPECIAL NOTICES**

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.

**Cancellation of NOAA Paper and Raster Nautical Charts**

The National Oceanic and Atmospheric Administration (NOAA) is undertaking a multi-year program to end production and maintenance of its suite of over 1,000 traditional paper nautical charts and all associated raster chart products and services, including: Print-on-Demand (POD) paper nautical charts, Full-size chart PDF files, BookletChart™ PDF files, NOAA raster navigational charts (NOAA RNC®), the NOAA RNC tile service, and the online RNC viewer.

Six months notice of the intent to cancel a specific chart is provided in a "Last Edition" notice. The final cancellation of a chart is made in a "Canceled" notice. Both types of notices will appear in LNM Section IV, "Chart Correction." A comprehensive list of all canceled NOAA charts is available at: http://www.charts.noaa.gov/MCD/Dole.shtml.

Traditional paper nautical chart production is ending to enable the creation and maintenance of larger scale, more up-to-date, higher quality coverage of NOAA's electronic navigational chart (NOAA ENC®) product. This will significantly enhance the amount of charted detail available to mariners. More information about NOAA's program to sunset traditional paper charts is on the NOAA Coast Survey website at: https://nauticalcharts.noaa.gov/charts/farewell-to-traditional-nautical-charts.html

An online NOAA Custom Chart application at: https://devgis.charttools.noaa.gov/pod is available to create chart images from ENC data, which may then be printed. Notices to Mariners will not be issued for NOAA Custom Charts.

**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/

**Additional Abbreviations Specific to this LNM Edition:**

LIB - Lighted Ice Buoy

**DISCON - Discontinued**

**DMGD/DAMGD - Damaged**

**ec - eclipse**

**EST - Established Aid**

**ev - every**

**EVAL - Evaluation**

**EXT - Extinguished**

**F - Fixed**

**fl - flash**

**Fl - Flashing**

**Fi - Flashing**

**G - Green**

**GIWW - Gulf Intracoastal Waterway**

**H - Horizontal Clearance**

**HT - Height**

**LWP - Left Watching Properly**

**MHz - Megahertz**

**MISS/MSNG - Missing**

**Mo - Morse Code**

**MRASS - Marine Radio Activated Sound Signal**

**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**

**si - silent**

**SIG - Signal**

**SNM - 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**

**USEACE - Army Corps of Engineers**

**W - White**

**Y - Yellow**
Navigation Center Website Transition

The U.S. Coast Guard Navigation Center is going to transition the Navigation Center website to a new, enhanced version in the first quarter of 2022. As part of this transition, URLs will be updated across the site including URLs linked to PDFs. Therefore, once the transition is complete, legacy site URLs will no longer function, including bookmarked URLs and URLs used in automatic downloading of data and/or products. Outdated URLs will automatically redirect to the home page of the site, and from there you will be able to easily navigate to your preferred page.

Below are a few of the "old"/new URL pairs listed for your convenience. Please note that the new URLs will not be active until we launch the new website. Of course, once it is launched, the new URLs will be available for re-bookmarking. As a reminder, these are top level URLs that may contain additional links that you use.

This notice will be updated when the final launch date is determined and another notice will be issued to notify you when the site goes live. Questions/concerns may be directed to the NAVCENWebTEAM@uscg.mil.

Local Notices to Mariners (LNMs)
Current URLs: https://www.navcen.uscg.gov/?pageName=lnmMain
Replacement: https://www.navcen.uscg.gov/local-notices-to-mariners-by-cg-district

Light Lists Annual Publication
Current URLs: https://navcen.uscg.gov/?pageName=lightLists
Replacement: https://www.navcen.uscg.gov/light-list-annual-publication

Light List - Weekly
Current URLs: https://navcen.uscg.gov/?pageName=lightListWeeklyUpdates
Replacement: https://www.navcen.uscg.gov/weekly-light-lists

Light List - Corrections
Current URLs: https://navcen.uscg.gov/?pageName=lightListCorrections
Replacement: https://www.navcen.uscg.gov/light-list-summary-of-corrections

GREAT LAKES - Great Lakes Water Levels
See Enclosure 1

The current and four week expected water level table for the Great Lakes, Connecting Channels and the St. Lawrence River, will be published in Enclosure 1 following SECTION VIII - LIGHT LIST CORRECTIONS of the Local Notice to Mariner or by visiting the link below:

2021-2022 Icebreaking Operations

The Coast Guard will be conducting icebreaking operations during the upcoming winter throughout the Great Lakes, connecting waterways, and adjacent rivers and harbors. Owners of vessels and structures which may be affected are advised to take precautions to protect their property.

Operation TaconiteCommenced
At the start of each voyage or transit, to enhance the coordination of ice breaking resources, COTP SAULT STE MARIE directs all shipping companies to provide an estimated time of arrival for their vessels downbound to Whitefish Point, upbound to Detour Reef LT, eastbound to Landing Shoal, westbound to round island, or arriving or Departing from any of the western Superior ports and terminals. Similarly, for vessels operating in Lake Michigan in presence of ice, all shipping companies should provide an estimated time of arrival for vessels entering the Sturgeon Bay Ship Canal, Rock Island Passage or when arriving or departing Escanaba, Green Bay, Marinette or any other ports and terminals within Green Bay. Estimated times of arrival must be received 6 hours prior to a vessels arrival to any of these points or once a day by 1000 (Eastern). Position reports may be filed with Soo Traffic either by landline (906.635.3232), Fax (906.635.3238), or email (SOOTFC@USCG.MIL). A vessel’s ETA must be updated whenever the arrival time changes by more than six hours. Mariners are asked to establish VHF radio contact with the servicing icebreaker on VHF-FM Channel 16 approximately one hour before reaching the appropriate service area. Speed limit is reduced by 2 MPH for upbound and downbound traffic from Nine Mile Point to Munuscong Lake Junction Light.

ST. MARYS RIVER SYSTEM - DE TOUR PASSAGE TO WHITEFISH BAY - Charts 14882,14883,14884
Due to unusually high water levels, SOO Traffic requests all mariners transiting the St. Marys River System to monitor their speed and corresponding wake to protect the shoreline.
ST. MARYS RIVER - LAKE NICOLET TO SAULT STE MARIE - CHART 14884
The U.S. Army Corps of Engineers has commissioned Little Rapids Cut Lighted Ice Buoy 98B (LLNR 14105). The buoy marks the upstream end of the ice boom in place on the eastern side of the St. Marys River. The available channel width for navigation is restricted to 385ft. Due to the channel restrictions, VTS St Marys River directs no meeting or overtaking in Little Rapids Cut from Light 98 (LLNR 14100) to Mission PT Obstruction LT C (LLNR 14145).

ST. MARYS RIVER - AMERICAN CANAL - CHART 14884
Northeast Pierhead Light (LLNR 14205) The U. S. Army Corps of Engineers will be relocating this light to the top of their new camera tower. As soon as the position and height of the light's new location is confirmed it will be advertised in Section VIII - Light List Corrections of the LNM.

LAKE ERIE - BUFFALO HARBOR - Chart 14833
North Entrance Light "7" (LLNR 2720) The light has been temporarily discontinued due to construction on the breakwater. A temporary light without day marks and lowered focal plane has been established in position 42-52'50.220"N / 078-53'45.474"W. The characteristic is FL G 2.5s. Another lantern was mounted on the Northwest end of the breakwater in position 42-53'04.590"N / 078-54'05.880"W. The characteristic of this light is QW.

LAKE MICHIGAN – CHART 14905, 14906, and 14907
Many of the aids to navigation marking entrances to ports and harbors on the eastern shore of Lake Michigan have been effected with freezing spray resulting severe ice build-up. As a result the ice has covered the lenses and resulted in the aid appearing extinguished.

LAKE MICHIGAN – WAUGOSHANCE POINT TO SEUL CHOIX POINT - CHART 14911
The abandoned Waugoshance Lighthouse located in approximate position 45-47-20N / 085-05-28W has become structurally unsafe. Landing and embarking on the light should not be attempted because of failing structural condition and it's in danger of collapsing. Mariners are advised to remain at least 300' from the structure at all times.

<table>
<thead>
<tr>
<th>LLNR</th>
<th>Aid Name</th>
<th>Status</th>
<th>Chart No.</th>
<th>BNM Ref.</th>
<th>LNM St</th>
<th>LNM End</th>
</tr>
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<tr>
<td>155</td>
<td>St. Lawrence Seaway Lighted Buoy 26</td>
<td>SINKING</td>
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<td>12/22</td>
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<tr>
<td>330</td>
<td>St. Lawrence Seaway Lighted Buoy 56</td>
<td>OFF STA</td>
<td>B010-22</td>
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<td>3785</td>
<td>Ashtabula Harbor East Basin Lighted Buoy 2</td>
<td>OFF STA</td>
<td>14836</td>
<td>B009-22</td>
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<tr>
<td>4665</td>
<td>Sandusky Straight Channel Buoy 15</td>
<td>OFF STA</td>
<td>14845</td>
<td>D015-22</td>
<td>13/22</td>
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<td>4725</td>
<td>Sandusky Bay Exit Channel Range Front Light</td>
<td>LT EXT</td>
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<td>D087-21</td>
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<td>Trenton Channel Lighted Buoy 1</td>
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<td>Lake St. Clair Buoy 19</td>
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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.
<table>
<thead>
<tr>
<th>LLNR</th>
<th>Aid Name</th>
<th>Status</th>
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<tr>
<td>3705</td>
<td>Conneaut Harbor West Breakwater Light</td>
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<td>14824</td>
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<td>13370</td>
<td>Lower Nicolet West Range Rear Light</td>
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<td>13/22</td>
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<td>West Neebish Channel (Downbound) Oak Ridge Range Rear Light</td>
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DISCREPANCIES (PRIVATE AIDS)

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<td>11388.2</td>
<td>East Alpena Channel Buoy 3</td>
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<td>19636</td>
<td>Buffington Harbor Inner Breakwater East Light 2</td>
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<td>Indiana Harbor North Bulkhead Light</td>
<td>LT EXT</td>
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<td>M403-21</td>
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DISCREPANCIES (PRIVATE AIDS) CORRECTED

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PLATFORM DISCREPANCIES

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None
SECTION III - TEMPORARY CHANGES and TEMPORARY CHANGES CORRECTED

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

TEMPORARY CHANGES

<table>
<thead>
<tr>
<th>LLNR</th>
<th>Aid Name</th>
<th>Status</th>
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<tr>
<td>2105</td>
<td>Oswego Harbor West Channel Light 2</td>
<td>TRLB</td>
<td>14813</td>
<td>17/19</td>
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<td>2720</td>
<td>Buffalo Harbor North Entrance Light 7</td>
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<td>33/19</td>
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<td>William Livingstone Memorial Light</td>
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<td>14853</td>
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TEMPORARY CHANGES CORRECTED

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PLATFORM TEMPORARY CHANGES

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PLATFORM TEMPORARY CHANGES CORRECTED

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SECTION IV - CHART CORRECTIONS

This section contains corrections to federally and privately maintained Aids to Navigation, as well as NOS corrections. 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 Name | Edition Date | Last Local Notice to Mariners | Horizontal Datum Reference | Source of Correction | Current Local Notice to Mariners | (Temp) Add | National Dock channel Buoy 3 at 40-41-09.001N 074-02-48.001W
|--------------|------------|--------------|-------------------------------|-----------------------------|---------------------|-------------------------------|------------|----------------------------------|
### 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

<table>
<thead>
<tr>
<th>Approved Project(s)</th>
<th>Project Date</th>
<th>Ref. LNM</th>
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<tbody>
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**Advance Notice(s)**

**DETOUR RIVER - TRENTON CHANNEL - CHART 14848**

Permanently decommission the following buoys in the lower Trenton Channel:

Trenton Channel Lighted Buoy "1" (LLNR 7945) Trenton Channel Buoy "3" (LLNR 7955)

LNM: 11/21

**LAKE HURON - HARRISVILLE TO FORTY MILE POINT - Chart 14864**

Presque Isle Light (LLNR 11550) Reduce the range of the light from 22 statute miles to 16 statute miles.

LNM: 20/20

**LAKE MICHIGAN - LITTLE BAY DE NOC - CHART 14915**

Escanaba Light (LLNR 21635) Change the characteristic of the light from ISO W 6s to ISO G 6s

LNM: 49/20

**LAKE SUPERIOR – ASHLAND HARBOR AND WASHBURN HARBORS – CHART 14974**

The following permanent buoys will be changed to seasonal buoys maintained from May 21 to Nov 21:

- Ashland Harbor Buoy "2" (LLNR 15360)
- Ashland Harbor Buoy "3" (LLNR 15365)
- Ashland Harbor Buoy "5" (LLNR 15375)

LNM: 35/21

**LAKE SUPERIOR – ASHLAND HARBOR AND WASHBURN HARBORS – CHART 14974**

The following lighted buoy winter marks have been permanently discontinued:

- Ashland Harbor Lighted Buoy "1" (LLNR 15355)
- Ashland Harbor Lighted Buoy "4" (LLNR 15370)
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

<table>
<thead>
<tr>
<th>Proposed Project(s)</th>
<th>Closing</th>
<th>Docket No.</th>
<th>Ref. LNM</th>
</tr>
</thead>
<tbody>
<tr>
<td>None</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Proposed Change Notice(s)

LAKE ERIE – BUFFALO HARBOR/BLACK ROCK CANAL – CHART 14833
Black Rock Canal Light “4” (LLNR 2800) Permanently discontinue the aid.

Black Rock Canal Buoy "6" (LLNR 2810) change from an unlighted buoy to a lighted buoy. The characteristic of the buoy will be Q R with a nominal range of 4 statute miles.

LAKE SUPERIOR – DULUTH SUPERIOR HARBOR - Chart 14975
Duluth Harbor Basin Traffic Lighted Buoy (LLNR 15870) Permanently discontinue the physical and continue the aid as a Virtual AIS MMSI 993672226.

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.

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

The Ninth Coast Guard District will be reviewing the following waterways beginning in 2022. The study focuses primarily on aids to navigation in the waterway. Public comments are an important tool in this process so that we can provide the adequate markings and the right mix of signals to a waterway for safe navigation. Comments on the below listed waterways can be sent to william.d.sharp@uscg.mil or by calling (216) 902-6070. You may also complete the survey attached to the Local Notice to Mariner and either email it or mail it to: Commander (dpw), Ninth Coast Guard District, 1240 East Ninth St., Cleveland, Ohio 44199.

Sackets Harbor
(LLNR 1755-2024.9)
Buffalo Harbor/Black Rock Canal
(LLNR 2665-3360)
Dunkirk Harbor
(LLNR 3365-3492)
Erie Harbor
(LLNR 3495-3696)
Conneaut Harbor
(LLNR 3700-3735)
Ashtabula Harbor
(LLNR 3740-3830)
Fairport Harbor
(LLNR 3835-3955)
Cleveland Harbor
(LLNR 3975-4260)
Huron Harbor
(LLNR 4430-5455)
Erie Islands
(LLNR 5520-6025)
Detroit River / East Outer Channel
(LLNR 6885-8270)
St. Clair Rec/Belle Isle Channel
(LLNR 8280-8396)
Lake St. Clair
(LLNR 8665-9300)
Anchor Bay
(LLNR 9305-9565)
**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.

**LAKE ERIE – OH - Ashtabula Harbor – Chart 14836**

Construction of submerged breakwater in Ashtabula Harbor remains partial unfinished. Buoys are unlighted marking the hazard of the breakwater. Buoys may change position as seasonal weather changes. Current positions as follows:

- Buoy "1" 41-55-07.841N / 080-47-25.303W
- Buoy "2" 41-54-58.921N / 080-47-16.850W
- Buoy "3" 41-54-58.281N / 080-47-14.290W
- Buoy "4" 41-54-56.304N / 080-47-14.726W
- Buoy "5" 41-54-56.307N / 080-47-11.234W
- Buoy "6" 41-54-58.474N / 080-47-02.054W

Mariners are advised to remain at least 300’ from the breakwater. All mariners are requested to transit the area with caution.

**LAKE ERIE – OH – Cleveland Harbor – Chart 14839**

From 17 Jan 2022 to 01 May 2022 The Great Lakes Construction Co. will be installing sheetpile in the Cuyahoga River, Old River Bed, in the vicinity of the Cargill Dock. Marine assets in the river will include 2 each 60ft x 50ft barge units, 1 each 40ft x 90ft material barge, 1 each 60’x80’ barge with crane and one push boat. Frequent transits are being made between the Ontario Stone dock in the Old River Bed to the Cargill Dock. Operations are ongoing and will conclude on or around 01MAY22. During work hours the on station tug will monitor VHF channel 16 from 0700- 1800 HRS M-F. 24 hrs notice requested for movement and/or passing arrangements. All mariners are requested to transit the area with caution.

**LAKE ERIE – OH – Lorain Harbor – Chart 14841**

From 01 Apr 2022 to 30 Apr 2022 Ryba Marine Construction Co. will be conducting dredging in the Lorain Harbor 24 hours a day 7 days a week. Tug Kathy Lynn can be contacted on VHF channels 13 and 16. All mariners are requested to transit the area with caution

**LAKE ERIE – SANDUSKY HARBOR – CHART 14845**

From 01 Nov 2021 to 29 Apr 2022 Mark Schaffer Excavating and Trucking, INC will be conducting construction on the Cedar Point Causeway, Sandusky, OH Monday through Friday from dawn to dusk. For further information contact Ben Trafzer at 419-668-5990. All mariners are requested to remain at least 300’ from the breakwater and transit the area with caution.
The Coast Guard has received a report of a 4-foot tall boulder in the navigation channel of the Grosse Isle Parkway Bridge (Free) at Mile 5.60, over the Detroit River, Trenton Channel. Mariners should use caution and report any information about the boulder to the nearest Coast Guard unit.

E. C. Kozneffes Co. will be installing boardwalks and piers into Lake St. Clair at Blassot and Heath Park from 13 Sep. 21 to 1 July 22 from 0700 to 1900 Monday through Saturday. Tug Captain Dave and barge Comanche can be contacted on VHF channels 13 & 16. All mariners are requested to transit the area with caution.

E. C. Kozneffes Co. will be installing boardwalks and piers into Lake St. Clair at Blassot and Heath Park from 13 Sep. 21 to 1 July 22 from 0700 to 1900 Monday through Saturday. Tug Captain Dave and barge Comanche can be contacted on VHF channels 13 & 16. All mariners are requested to transit the area with caution.

St. Mary’s River – MI – Saint Mary’s SOO Locks – Chart 14887
Kokosing-Alberici LLC will commence construction on the New Soo Lock Upstream Approach Walls April of 2021. Construction activities will be generally limited to the upstream north channel approach to the decommissioned Sabin and Davis Locks. Delivery by barge and boat of materials, equipment and crew will cross the upstream approach to the Soo Locks navigation channel throughout construction. Operations will commence from 25 Mar 21 to 15 Oct 23 Monday through Saturday 24 hours a day.

From 1 April 2022 to 15 July 2022 Luedtke Engineering Co. will be conducting maintenance dredging near the mouth of the Saginaw River. Hours of operation are 24 hours a day 7 days a week. Tug Paul Luedtke can be contacted on VHF channels 10, 16, and 19. All mariners are requested to transit the area with caution.

From 1 April 2022 to 15 July 2022 Luedtke Engineering Co. will be conducting maintenance dredging near the mouth of the Saginaw River. Hours of operation are 24 hours a day 7 days a week. Tug Paul Luedtke can be contacted on VHF channels 10, 16, and 19. All mariners are requested to transit the area with caution.

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From 15 Apr 2022 to 31 Dec 2022 Kokosing Industrial Durocher Marine Division will be conducting backfill operations to protect new American Transmission Company 138kv submarine power cables installed in 2021. Hours of operation are 24 hours a day 7 days a week. Tugs Valerie B, Nancy Anne, Champion, General, Barges Kokosing I, Kokosing III, Kokosing IV, D-2002, D-2006, crew boat Timmy V and 24’ work boat will be onscene and monitoring VHF channels 13 and 16. All vessels are requested to remain 1500’ (500-yard safety zone) away from construction vessels and transit the area with caution.

From 15 Apr 2022 to 31 Dec 2022 Kokosing Industrial Durocher Marine Division will be conducting backfill operations to protect new American Transmission Company 138kv submarine power cables installed in 2021. Hours of operation are 24 hours a day 7 days a week. Tugs Valerie B, Nancy Anne, Champion, General, Barges Kokosing I, Kokosing III, Kokosing IV, D-2002, D-2006, crew boat Timmy V and 24’ work boat will be onscene and monitoring VHF channels 13 and 16. All vessels are requested to remain 1500’ (500-yard safety zone) away from construction vessels and transit the area with caution.

The South Milwaukee Yacht Club will be secured for the season until spring 2022 due to the shoaling at the harbor entrance jetty, creating a hazard to navigation. Two day boards are marking the entrance. All mariners are requested to transit the area with caution. For further questions, please contact Sector Lake Michigan at (414) 474-7182 or VIA VHF channel 16.

The South Milwaukee Yacht Club will be secured for the season until spring 2022 due to the shoaling at the harbor entrance jetty, creating a hazard to navigation. Two day boards are marking the entrance. All mariners are requested to transit the area with caution. For further questions, please contact Sector Lake Michigan at (414) 474-7182 or VIA VHF channel 16.

Commencing 25 Apr 2021 until further notice, all mariners are advised to use caution while transiting in the vicinity of Presque Isle Marine, in Marquette, MI while marine contractor operations are happening. Six lighted buoys have been temporary established around the work area.

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SECTION VIII - LIGHT LIST CORRECTIONS

<table>
<thead>
<tr>
<th>(1) No.</th>
<th>(2) Name and Location</th>
<th>(3) Position</th>
<th>(4) Characteristic</th>
<th>(5) Height</th>
<th>(6) Range</th>
<th>(7) Structure</th>
<th>(8) Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>4025</td>
<td>Cleveland Research Buoy</td>
<td>41-44-00.660N 081-41-54.240W</td>
<td>Fl Y 4s</td>
<td>Secured with two point mooring system, lighted spar buoys with the same flash characteristics marking mooring locations. Private Aid.</td>
<td>13/22</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
### SECTION VIII - LIGHT LIST CORRECTIONS (Continued)

<table>
<thead>
<tr>
<th>(1) No.</th>
<th>(2) Name and Location</th>
<th>(3) Position</th>
<th>(4) Characteristic</th>
<th>(5) Height</th>
<th>(6) Range</th>
<th>(7) Structure</th>
<th>(8) Remarks</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>10430</td>
<td>GLERL SBWN</td>
<td>43-44-17.580N</td>
<td>Fl Y 4s</td>
<td></td>
<td></td>
<td></td>
<td>Maintained from Apr.1 to Nov.15.</td>
<td>13/22</td>
</tr>
<tr>
<td></td>
<td></td>
<td>083-38-22.620W</td>
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<td></td>
<td></td>
<td></td>
<td>Private Aid.</td>
<td></td>
</tr>
<tr>
<td>11181</td>
<td>GLERL SBWR</td>
<td>43-59-00.000N</td>
<td>Fl Y 4s</td>
<td></td>
<td></td>
<td></td>
<td>Maintained from Apr.1 to Nov.15.</td>
<td>13/22</td>
</tr>
<tr>
<td></td>
<td></td>
<td>083-36-00.000W</td>
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<td></td>
<td></td>
<td></td>
<td>Private Aid.</td>
<td></td>
</tr>
<tr>
<td>11357</td>
<td>GLERL TBWA</td>
<td>44-59-16.860N</td>
<td>Fl Y 4s</td>
<td></td>
<td></td>
<td></td>
<td>Maintained from Apr.1 to Nov.15.</td>
<td>13/22</td>
</tr>
<tr>
<td></td>
<td></td>
<td>083-16-05.220W</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Private Aid.</td>
<td></td>
</tr>
<tr>
<td>11358</td>
<td>GLERL TBWB</td>
<td>44-59-23.370N</td>
<td>Fl Y 4s</td>
<td></td>
<td></td>
<td></td>
<td>Maintained from Apr.1 to Nov.15.</td>
<td>13/22</td>
</tr>
<tr>
<td></td>
<td></td>
<td>083-16-16.020W</td>
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<td></td>
<td></td>
<td></td>
<td>Private Aid.</td>
<td></td>
</tr>
<tr>
<td>14465</td>
<td>Point Iroquois Shoal</td>
<td>46-27-39.570N</td>
<td>Fl G 4s</td>
<td>4</td>
<td></td>
<td>Green.</td>
<td>Replaced by can from Dec 7 to May 1.</td>
<td>13/22</td>
</tr>
<tr>
<td></td>
<td>Lighted Buoy 33</td>
<td>084-33-47.890W</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>21175</td>
<td>Sturgeon Bay Ship Channel</td>
<td>44-51-09.643N</td>
<td>Red nun.</td>
<td></td>
<td></td>
<td></td>
<td>Replaced by nun from Nov. 21. to Apr. 21.</td>
<td>13/22</td>
</tr>
<tr>
<td></td>
<td>Buoy 24</td>
<td>087-23-49.103W</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>21180</td>
<td>Sturgeon Bay Ship Channel</td>
<td>44-51-08.561N</td>
<td>Green can.</td>
<td></td>
<td></td>
<td></td>
<td>Replaced by can from Nov. 21. to Apr. 21.</td>
<td>13/22</td>
</tr>
<tr>
<td></td>
<td>Buoy 25</td>
<td>087-23-53.735W</td>
<td></td>
<td></td>
<td></td>
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<td></td>
</tr>
</tbody>
</table>

### ENCLOSURES

1. **LNM Section I - Special Notices**

   1-Great Lakes Water Levels

   LNM: 06/22

2. **LNM Section II - Discrepancies**

   N/A

3. **LNM Section III - Temporary Changes and Temporary Changes Corrected**

   N/A

4. **LNM Section IV - Chart Corrections**

   N/A

5. **LNM Section V - Advance Notices**

   N/A

6. **LNM Section VI - Proposed Changes**

   N/A

7. **LNM Section VII - General**

   1-Marine Events

   LNM: 13/22

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Coast Guard District 9

30 March 2022
2. Current Ninth District Bridge Maintenance/Activities
3. Waterway Analysis and Management System Survey
4. Hazardous Weather Outlook (HWO)

(8) LNM Section VIII - Light List Corrections

N/A

M. J. Johnston, RADM
U. S. Coast Guard
Commander, Ninth Coast Guard District
## GREAT LAKES, CONNECTING CHANNELS AND ST. LAWRENCE RIVER

**WATER LEVELS AND DEPTHS**

Expected water levels on the Great Lakes, Connecting Channels and the St. Lawrence River are given in inches above (+,0) or below (-,0) Low-Water Datum (LWD,0). LWD is a plane of reference on a navigation chart, also known as Chart Datum. LWD elevations shown below are given in International Great Lakes Datum, 1985 (IGLD 1985,0).

<table>
<thead>
<tr>
<th>Forecast Point</th>
<th>Low Water Datum</th>
<th>Expected Levels (inches above or below Low Water Datum,0)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>IGLD 1985</td>
<td>25-Mar</td>
</tr>
<tr>
<td><strong>GREAT LAKES</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Lake Ontario</td>
<td>243.3</td>
<td>35</td>
</tr>
<tr>
<td>Lake Erie</td>
<td>569.2</td>
<td>44</td>
</tr>
<tr>
<td>Lake St. Clair</td>
<td>572.3</td>
<td>43</td>
</tr>
<tr>
<td>Lake Michigan-Huron</td>
<td>577.5</td>
<td>21</td>
</tr>
<tr>
<td>Lake Superior</td>
<td>601.1</td>
<td>-2</td>
</tr>
<tr>
<td><strong>ST. LAWRENCE RIVER</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Above Long Sault Dam</td>
<td>237.9</td>
<td>26</td>
</tr>
<tr>
<td>Above Iroquois Dam</td>
<td>240.3</td>
<td>22</td>
</tr>
<tr>
<td>Ogdensburg</td>
<td>242.4</td>
<td>32</td>
</tr>
<tr>
<td>Alexandria Bay</td>
<td>243.0</td>
<td>33</td>
</tr>
<tr>
<td>Head of river at Cape Vincent</td>
<td>243.3</td>
<td>35</td>
</tr>
<tr>
<td><strong>DETROIT RIVER</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Lake Erie at Pelee Passage</td>
<td>569.2</td>
<td>44</td>
</tr>
<tr>
<td>Mouth of River at Gibraltar</td>
<td>569.5</td>
<td>45</td>
</tr>
<tr>
<td>Fort Wayne</td>
<td>571.1</td>
<td>44</td>
</tr>
<tr>
<td>Head of River above Belle Isle</td>
<td>572.0</td>
<td>42</td>
</tr>
<tr>
<td><strong>ST. CLAIR RIVER</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Mouth of River at St. Clair Flats</td>
<td>572.3</td>
<td>43</td>
</tr>
<tr>
<td>Algonac</td>
<td>572.8</td>
<td>38</td>
</tr>
<tr>
<td>St. Clair</td>
<td>574.4</td>
<td>32</td>
</tr>
<tr>
<td>Blue Water Bridge</td>
<td>576.2</td>
<td>29</td>
</tr>
<tr>
<td>Head of River at Fort Gratiot</td>
<td>577.2</td>
<td>23</td>
</tr>
<tr>
<td>Lake Huron Approach Channel</td>
<td>577.5</td>
<td>21</td>
</tr>
<tr>
<td><strong>ST. MARYS RIVER</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Mouth of River at Detour</td>
<td>577.5</td>
<td>21</td>
</tr>
<tr>
<td>West and Middle Neebish</td>
<td>577.8</td>
<td>19</td>
</tr>
<tr>
<td>Head of Little Rapids</td>
<td>578.4</td>
<td>18</td>
</tr>
<tr>
<td>U.S. Slip</td>
<td>578.7</td>
<td>18</td>
</tr>
<tr>
<td>Above Locks</td>
<td>600.4</td>
<td>1</td>
</tr>
<tr>
<td>Head of River at Point Iroquois</td>
<td>601.1</td>
<td>-2</td>
</tr>
</tbody>
</table>

### UNDERSTANDING THE FORECAST

Available water depth is determined for a location by adding (+) or subtracting (-) the amount from the above table to the appropriate channel depth shown in the profile Connecting Channel Depths Graphic or to water depths 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. Depths, however, may be reduced or increased as much as several feet for short periods due to these disturbances, or when sections of channels develop shoals. Vessel masters should refer to "Local Notice to Mariners" for extent of shoaling and scattered bedrock projections in all channels. Ice conditions can have a dramatic impact on actual channel depth and can lead to large short-term water level fluctuations. Ice information can be found at the National Ice Center’s website.

### FOR FURTHER INFORMATION CONTACT:

Detroit District Corps of Engineers: Detroit District Great Lakes Homepage

Detroit MI, 48226: Great Lakes Information Network

1-888-694-8318 ex. 1: NOAA Tides and Currents

email: hhpm@usace.army.mil

### FOR MORE INFORMATION VISIT:

NOAA National Ocean Service

SSMC4, STATION 7523

International Joint Commission

NOAA, National Ocean Service

U.S. Coast Guard - District 9

### WATER LEVEL INFORMATION SUPPLIED BY:

NOAA, National Ocean Service

1305 East-West Hwy

Silver Spring, MD 20910-3233

(301) 713-2902
GREAT LAKES-MARINE EVENT-SAFETY ZONES-SECURITY ZONES

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

<table>
<thead>
<tr>
<th>Location</th>
<th>Name of Event</th>
<th>Date / Time</th>
<th>POC</th>
<th>Tel #</th>
</tr>
</thead>
<tbody>
<tr>
<td>LAKE ONTARIO</td>
<td>N/A</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>LAKE ERIE</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>DETROIT RIVER</td>
<td>N/A</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>LAKE ST. CLAIR/St. Clair River</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>LAKE HURON</td>
<td>N/A</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>LAKE MICHIGAN &amp; Green Bay</td>
<td>N/A</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>LAKE SUPERIOR</td>
<td>N/A</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
CURRENT NINTH DISTRICT BRIDGE MAINTENANCE/ACTIVITIES
Week [13/22]

Note: Short-term bridge maintenance closures and various activities may only be published through Broadcast Notice to Mariners and may not be included in the Local Notice to Mariners. Mariners should both listen to Broadcast Notice to Mariners (BNM) and read Coast Guard Local Notice to Mariners (LNM) available by clicking HERE for the most recent and complete marine information.

PUBLIC NOTICES FOR 9th District BRIDGES: https://www.navcen.uscg.gov/D9BN

Please contact us with any questions or concerns:
Blair Stanifer (216) 902-6086 or William.B.Stanifer@uscg.mil
Lee Soule (216) 902-6085 or Lee.D.Soule@uscg.mil
Michael Walker (216) 902-6087 or Michael.O.Walker2@uscg.mil
FAX: (216) 902-6088

Commander (dpb)
Ninth Coast Guard District
1240 E. 9th St. Room 2047B
Cleveland, Ohio 44199-2001

NOTES:

ACTIVE BROADCAST NOTICE TO MARINERS (BNM)

SAFETY BCST PLUS SKED BCST UNTIL 042200Z APR 22
U.S.C.G. NINTH DISTRICT NOTICE TO MARINERS C024-22

NY - NEW YORK BARGE CANAL SYSTEM
FROM APRIL 1 THROUGH JUNE 17, 2022, BETWEEN THE HOURS OF 0600 AND 2000, 7 DAYS A WEEK, CONTRACTORS WILL UTILIZE SNOOPER TRUCKS AND MAN LIFTS UNDER THE E-188, NORTH MAIN STREET BRIDGE AT MILE 284.14 OVER THE ERIE CANAL. SPOTTERS WILL WARN WORKERS OF APPROACHING VESSELS AND MOVE THE MAN LIFT TO ALLOW VESSELS TO PASS.

SAFETY BCST PLUS SKED BCST UNTIL 311630Z MAR 22
U.S.C.G. NINTH DISTRICT NOTICE TO MARINERS C025-22
IN- LAKE MICHIGAN - INDIANA HARBOR CANAL
FROM MARCH 28 THROUGH MARCH 31, 2022, BETWEEN THE HOURS OF 0730 AND 1130 DAILY, THE DICKEY ROAD BRIDGE AT MILE 1.21 OVER THE INDIANA HARBOR CANAL WILL REQUIRE A 2-HOUR ADVANCE NOTICE OF ARRIVAL FROM MARINERS WHILE DIVERS INSPECT THE UNDERWATER PORTIONS OF THE BRIDGE. MARINERS SHOULD PROVIDE ADVANCE NOTICE DIRECTLY TO THE DRAWTENDER.

SAFETY BCST PLUS SKED BCST UNTIL 042200Z APR 22
U.S.C.G. NINTH DISTRICT NOTICE TO MARINERS C026-22
IL- LAKE MICHIGAN - CALUMET SAG CHANNEL
FROM APRIL 4 THROUGH NOVEMBER 18, 2022, SCAFFOLDING THAT HANGS APPROXIMATELY 1-FOOT BELOW LOW STEEL WILL BE INSTALLED UNDER ONE-HALF OF THE FRANCISCO AVENUE AT MILE 15.63 (CORPS MILE 317.4), THE CRAWFORD AVENUE BRIDGE AT MILE 17.01 (CORPS MILE 316.0), THE RIDGELAND AVENUE AT MILE 20.47 (CORPS MILE 312.5), 104TH AVENUE BRIDGE AT MILE 25.56 (CORPS MILE 307.3) OVER THE CALUMET-SAG CHANNEL.

SAFETY BCST PLUS SKED BCST UNTIL 302100Z MAR 22
U.S.C.G. NINTH DISTRICT NOTICE TO MARINERS C027-22
WI- LAKE MICHIGAN - GREEN BAY
ON MARCH 29 AND AGAIN ON MARCH 30, 2022 BETWEEN THE HOURS OF 0700 AND 1600, EACH DAY, THE MAIN STREET BRIDGE AT MILE 1.58 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.

SAFETY BCST PLUS SKED BCST UNTIL 082200Z APR 22
U.S.C.G. NINTH DISTRICT NOTICE TO MARINERS C028-22
OH - LAKE ERIE - TOLEDO HARBOR
THE COAST GUARD HAS RECEIVED A REPORT THAT THE CRAIG MEMORIAL BRIDGE AT MILE 3.30 OVER THE MAUMEE RIVER IS WITHOUT POWER AND STUCK IN THE FULLY OPEN POSITION AND THE NAVIGATION LIGHTS ARE EXTINGUISHED.
SAFETY BCST PLUS SKED BCST UNTIL 042100Z APR 22

U.S.C.G. NINTH DISTRICT NOTICE TO MARINERS C030-22
WI - LAKE MICHIGAN -FOX RIVER

ON APRIL 4, 2022 BETWEEN THE HOURS OF 1300 AND 1600, INSPECTORS WILL UTILIZE SNOOPER TRUCKS UNDER THE OREGON STREET BRIDGE AT MILE 56.22 OVER THE FOX RIVER. THE BRIDGE WILL REQUIRE A 15-MINUTE ADVANCE NOTICE FOR OPENINGS.

SAFETY BCST PLUS SKED BCST UNTIL 041700Z APR 22

U.S.C.G. NINTH DISTRICT NOTICE TO MARINERS C029-22
WI - LAKE MICHIGAN -FOX RIVER

ON APRIL 4, 2022 BETWEEN THE HOURS OF 0800 AND NOON, INSPECTORS WILL UTILIZE SNOOPER TRUCKS UNDER THE WISCONSIN STREET BRIDGE AT MILE 56.72 OVER THE FOX RIVER. THE BRIDGE WILL REQUIRE A 15-MINUTE ADVANCE NOTICE FOR OPENINGS.

2021 FEDERAL REGULATIONS DOCKET STATUS

USCG-2021-0336 – Oshkosh – TD – Pending Admiral’s Signature

ACTIVE LOCAL NOTICE TO MARINERS (LNM)

GREAT LAKES REGION

GREAT LAKES, Advance Notice Prior to Passing Railroad Drawbridges, Chart 14500
Mariners are encouraged to provide a 30-minute advance notice of arrival to railroad bridges to prevent unreasonable delays in bridge openings.
[26/05] [34/12] [16/21]

GREAT LAKES, Drawbridge Delay Reports, Chart 14500
Mariners are requested to submit Reports of Drawbridge Signal/Operations Delays directly to the Ninth Coast Guard District Bridge Branch using the attached form. Reports of signal or drawbridge delays have been processed by Coast Guard Marine Safety Offices in recent years, but will now be processed and traced by the Bridge Branch. Reports may be sent by mail, e-mail, or by fax. The mailing address and fax number are on the form. The updated form is printed and also attached on the last page of this list. [08/05] [34/12]
GREAT LAKES, Drawbridge Advance Notice During High Winds, Chart 14500
Mariners are encouraged to provide advance notice of arrival to drawbridges during periods of high winds. Depending on the orientation and type of bridge high winds may prevent some bridges from operating as required by regulation.

ST. LAWRENCE SEAWAY

NY STATE CANAL SYSTEM
(Everything West of St. Johnsville, NY)

NEW YORK STATE CANAL SYSTEM – NY - Erie Canal – Chart 14786 – Bridge Maintenance From April 1 through June 17, 2022, between the hours of 0600 and 2000, 7 days a week, contractors will utilize snooper trucks and man lifts under the E-188, North Main Street Bridge at Mile 284.14 over the Erie Canal near Rochester, New York. Spotters will warn workers of approaching vessels and move the man lift to allow vessels to pass. [04/22]

NEW YORK STATE CANAL SYSTEM – NY - Erie Canal – Chart 14786 – Bridge Maintenance From May 2 through May 27, 2022 between the hours of 0700 and 11530 daily, contractors will utilize snooper trucks under the E217 South Carmen Road Bridge at Mile 309.59, the E240 Tonawanda Creek Road Bridge at Mile 327.34, the E237 Robinson Road Bridge at Mile 323.79, and the E238A Fiegle Road Bridge at Mile 325.09 all over the Erie Canal. Spotters will warn of approaching vessels and will move the man lift to allow vessels to pass under the bridges. Mariners should avoid passing directly under large amounts of falling water. [07/22]

NEW YORK STATE CANAL SYSTEM – NY - Erie Canal – Chart 14786 – Bridge Maintenance From March 17 through April 15, 2022 scaffolding that hangs approximately 5-feet below the E-187, East Avenue Bridge at Mile 283.48 over the Erie Canal will be installed under the fully open to navigation bridge span. Yellow lights will warn mariners of the temporary reduction in vertical clearance. [10/22]

NEW YORK STATE CANAL SYSTEM – NY - Erie Canal – Chart 14786 – Bridge Maintenance From May 11 through August 17, 2022 between the hours of 0700 and 1730, Monday through Saturday, a 50foot by 20-foot barge will be working under the E-138, Main Street SR 96 at Mile 253.50 over the Erie Canal. The barge will monitor VHF-FM Marine Channel 16 and will move to accommodate vessels as needed. [11/22]

LAKE ONTARIO

LAKE ONTARIO – NY – Chaumont Harbor – Chart 14811 – Bridge Discrepancy. The Coast Guard has received a report that the lights on the 12E West Main Street Bridge at Mile 0.8 over the Chaumont River are extinguished. [41/21]

LAKE ERIE - MAHONING RIVER - NIAGARA RIVER- ALLEGHENY RIVER
*****REVISED*****
LAKE ERIE – NY – Buffalo Harbor – Chart 14833 – Bridge Maintenance
From January 1, 2022 through **April 16, 2022** the draw of the Ohio Street Bridge at Mile 2.10 over the Buffalo River will be secured to masted navigation 53 feet lower than fully open to allow workers access for rehabilitation. [51/19] [31/20]

*****REVISED*****
LAKE ERIE – OH – Toledo Harbor – Chart 14847 – Bridge Construction/Demolition
From July 1, 2019 through **July 23, 2023** a temporary causeway will be constructed between mile 6.73 and 6.76 for the construction of the new and demolition of the old Michael V. DiSalle Memorial (I-75) Bridge at Mile 6.73 over the Maumee River. The causeway will be marked with flashing yellow lights spaced approximately 10 meters apart with red over red lights marking the ends of the causeway. A 100 foot wide channel will be provided for vessels to pass through the construction area. Mariners are encouraged to pass through the area at a slow speed. [26/19] [21/20]

*****REVISED*****
LAKE ERIE – NY – Black Rock Canal – Chart 14833 – Bridge Maintenance
From December 22, 2021 through **April 14, 2022** the Canadian National International Railroad Bridge at mile 3.8 over the Black Rock Canal will be secured to masted navigation. Vessels able to pass under the bridge without an opening may do so at any time. [40/21] [41/21]

*****REVISED*****
LAKE ERIE – OH – Portage River – Chart 14844 – Bridge Maintenance
From January 1, 2022 through **April 15, 2022** the Norfolk Southern Railroad Bridge at Mile 1.5 over the Portage River will be secured to masted navigation. Vessels able to pass under the bridge without an opening may do so at any time. [40/21] [12/22]

*****REVISED*****
LAKE ERIE – OH – Ashtabula – Chart 14836 – Bridge Contacts The Norfolk Southern Railroad Bridge at Mile 1.5 over the Ashtabula River is remotely operated and will open on horn signal, or by calling on VHF-FM Marine Channel 16, or by calling: 404-877-9698, or 404-877-9699, or texting 717-514-0643. [40/21]
LAKE ERIE – OH – Cleveland Harbor – Chart 14839 - Bridge Special Event
On **October 8, 2022** between the hours of 0700 and 1400 the Carter Road Bridge at Mile 2.43 over the Cuyahoga River will be secured to masted navigation in conjunction with the Towpath Marathon event. Vessels able to pass under the bridge without an opening may do so at any time. [46/21]

*****REVISED*****
LAKE ERIE – OH – Toledo Harbor – Chart 14847 – Bridge Special Event
On **July 4, 2022** between the hours of 0750 and 0900, Craig Memorial Bridge at Mile 3.30 over the Maumee River will be secured to masted navigation in conjunction with the Annual 10K run event. Vessels able to pass under the bridge without an opening may do so at any time. [52/21]
LAKE ERIE – NY – Buffalo Harbor – Chart 14833 – Bridge Maintenance
From March 21 through August 30, 2022 between the hours of 0700 and 1600, Monday through Sunday, you are authorized to utilize two barges 40-foot by 10-foot at the Niagara Street Bridge at the mouth of Scajaquada Creek. A 20-foot navigation channel will be maintained for vessels to pass through the work area. [06/22]

LAKE ERIE – OH – Cleveland Harbor – Chart 14839 – Bridge Maintenance
On May 16 and again on May 23, 2022 between the hours of 0600 and 1600 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. [12/22]

DETROIT RIVER - LAKE ST. CLAIR - ST. CLAIR RIVER – RIVER ROUGE

*****REVISED*****

DETROIT RIVER – MI – Main Channel – Chart 14848 – Bridge Construction.
From November 1, 2022 through August 30, 2024, contractors will be constructing the Gordie Howe International Bridge at mile 16.7 over the Detroit River. No equipment will be placed in the water. Overhead work will have temporary steady burning yellow lights to mark new construction. A moving platform with quick flashing red lights and orange or red ball fenders on the bottom four corners with a safety net that hangs approximately 15-feet below low steel will be constructing the bridge. Mariners should avoid passing directly under the platform at any time. Snooper type vehicles will be utilized on the bridge throughout construction. Spotters will warn of approaching vessels and move the man lift to allow vessels to pass. When construction is completed and all equipment removed, the final vertical clearances for the bridge will be 152-feet for the center 100-feet of the navigation channel. No less than 137-feet of vertical clearance will be available at the channel limits. Vertical clearances are based on IGLD85. [47/20] [07/22]

ST. CLAIR RIVER – MI – Black River – Chart 14853 – Bridge Inspection
From May 16 through May 20, 2022 between the hours of 0800 and 1600 daily, inspectors will use snooper vehicles under the I-94 Bridge at Mile 2.30 over the Black River. Spotters will warn of approaching vessels and move the man lift(s) to allow vessel to pass. [10/22]

LAKE HURON

*****REVISED*****

LAKE HURON – MI – Saginaw River – Chart 14867 – Bridge Maintenance
From January 1 through March 31, 2022, the Liberty Street Bridge at Mile 4.99 over the Saginaw River will be secured to masted navigation. Vessels able to pass under the bridge without an opening may do so at any time. Starting on October 25, 2021, Two barges 80-foot by 50-foot or smaller at the bridge between the hours of 0700 and 1700, Monday through Saturday. The barges will move if provided a 30-minute advance notice on VHFFM Marine Channel 16 or by calling 608-963-4020 or 608-425-0171. [32/21] [38/21]

STRAITS OF MACKINAC, SAINT MARY’S RIVER AND FALLS

LAKE MICHIGAN – EAST
LAKE MICHIGAN – MI – Grand Haven – Chart 14933- Bridge Maintenance
From November 1, 2021 through April 30, 2022, the U.S. Route 31 Bridge at Mile 2.89 over the Grand River will be secured to masted navigation. Between the hours of 0600 and 2000 Monday through Saturday, four barges 80-feet by 40-feet or smaller will be working at the bridge. The barges shall monitor VHF-FM marine Channel 16 and move to accommodate vessels if provided a 20-minute advance notice of arrival. During nonworking hours the barges must be moored outside of the navigation channel and lighted in accordance with the navigation rules, except that from December 1, 2021 through January 15, 2022 the barges may remain over the submarine cable trench as long as a 20-foot navigation lane is provided for small vessels to pass. Scaffolding will be installed that hangs approximately 4-feet below low steel. From May 1, 2022 through May 26, 2022, one leaf of the bridge will continue to be secured to masted navigation and the other leaf will operate normally.

LAKE MICHIGAN – MI – Grand Haven – Chart 14933- Bridge Maintenance
From November 1, 2022 through April 30, 2023, the U.S. Route 31 Bridge at Mile 2.89 over the Grand River will be secured to masted navigation. From May 1, 2023 through May 26, 2023, one leaf of the bridge will be secured to masted navigation and the other leaf will operate normally.

LAKE MICHIGAN – MI – Manistee Harbor – Chart 14938 – Bridge Maintenance
From January 1, 2022 through March 31, 2022, the Maple Street Bridge at Mile 1.1 over the Manistee River will be secured to masted navigation and scaffolding that hangs approximately 4-feet below low steel will be installed under the bridge.
LAKE MICHIGAN – MI – Charlevoix Harbor – Chart 14942 – Bridge Maintenance
From 0700 on January 16, 2023 through 0700 on April 1, 2023 the US 31 Bridge Street Bridge, over the Pine River will be secured to masted navigation. Vessels able to pass under the bridge without an opening may do so at any time. [05/22]

LAKE MICHIGAN – MI – Charlevoix Harbor – Chart 14942 – Bridge Inspection
From April 11 through April 15, 2022 between the hours of 0800 and 1800, daily the Bridge Street Bridge (US31) over the Pine River will require a 3-hour advance notice on Tuesday, Wednesday, Thursday, and a 15-minute advance notice on Monday and Friday. Mariners should provide advance notice directly to the drawtender on VHF-FM Marine radio or by calling 231-547-4682. Vessels able to pass under the bridge without an opening may do so at any time. [10/22]

LAKE MICHIGAN – MI – Grand Haven – Chart 14933 – Bridge Maintenance
From May 1 through September 30, 2022, scaffolding will be installed under the U.S. Route 31 Bridge at Mile 2.89 over the Grand River that hangs approximately 4-feet below low steel. Between the hours of 0600 and 2000 Monday through Saturday, four barges 80-feet by 40-feet or smaller will be utilized under the approach spans. The barges will monitor VHF-FM marine Channel 16 and move to accommodate vessels if provided a 20-minute advance notice of arrival. No equipment will be used in the navigation draw of the bridge and the bridge operating schedule will not be changed. [12/22]

LAKE MICHIGAN – MI – St Joseph – Chart 14930 – Bridge Special Event
On May 14, 2022 between the hours of 1000 and 1600, the Twin Cities Bicentennial Bridge at Mile 1.30 over the Saint Joseph River will be secured to masted navigation. Vessels able to pass under the bridge without an opening may do so at any time. [12/22]

LAKE MICHIGAN – IN – Indiana Harbor Canal – Chart 14972- Bridge Discrepancy
The Coast Guard has received a report that the fendering on the Norfolk Southern Railroad Bridge at Mile 0.76 over the Indiana Harbor Canal is missing. [43/21]

LAKE MICHIGAN – IN – Indiana Harbor Canal – Chart 14972- Bridge Inspection
From March 28 through March 31, 2022, between the hours of 0730 and 1130 daily the Dickey Road Bridge at Mile 1.21 over the Indiana Harbor Canal will require a 2-hour advance notice of arrival from mariners while divers inspect the underwater portions of the bridge and canal. Mariners should provide advance notice directly to the drawtender on VHF-FM Marine Channel 16. A dive safety boat will monitor VHF-FM Marine Channel 16. [10/22]

LAKE MICHIGAN – CALUMET RIVER & LITTLE CALUMET RIVER
****REVISED****

LAKE MICHIGAN – IL – Calumet Harbor – Chart 14927 – Bridge Maintenance
From February 7 through April 29, 2022 between the hours of 0700 and 1630, Monday through Friday, the 95th Street Bridge at Mile 1.09 (CORPS MILE 332.1) over the Calumet River will require a 1-hour advance notice for two leaf openings. One leaf will operate on signal. Mariners should provide advance notice directly to the drawtender. [05/22] [13/22]

CHICAGO RIVER – MAIN RIVER CHANNEL, NORTH BRANCH, NORTH SHORE CHANNEL, AND SOUTH BRANCH AND SOUTH FORK OF SOUTH BRANCH

LAKE MICHIGAN – IL – Chicago River – Chart 14927 – Bridge Discrepancy
The Coast Guard has received a report that the protection cells of the Fullerton Avenue Bridge at Mile 5.30 (CORPS MILE 329.1) over the North Branch of the Chicago River are leaning away from the channel. [23/20]

****REVISED****

LAKE MICHIGAN – IL – Chicago Harbor – Chart 14927 - Bridge Maintenance
From December 17 through June 3, 2022 between the hours of 0700 and 1530, Monday through Friday a 125foot by 35-foot barge at the Cermak Road Bridge at Mile 4.05 (CORPS MILE 323.2) over the South Branch of the Chicago River. The barge will monitor VHF-FM Marine Channel 16 and will move if a 1-hour advance notice is provided. [50/21] [13/22]

LAKE MICHIGAN – IL – Chicago Harbor – Chart 14927 – Bridge Maintenance
From midnight on February 13 through noon on November 1, 2022, one leaf of the Dearborn Street Bridge at Mile 1.13 over the Main Branch of the Chicago River will be secured to masted navigation. The other leaf will operate normally. Monday through Friday between the hours of 0700 and 1530, a 125-foot by 35-foot barge will be working under the secured leaf and will move to accommodate vessels if a 1-hour advance notice is provided directly to the barge on VHF-FM Marine Channel 16. [04/22]

LAKE MICHIGAN – IL – Chicago Harbor – Chart 14927 – Bridge Maintenance
From February 14 through May 1, 2022, between the hours of 0600 and 1800, Monday through Friday a 100foot by 50-foot barge will be working at the Webster Avenue Bridge at Mile 4.85 (CORPS MILE 328.6) over the North Branch of the Chicago River. The barge will move if provided a 2-hour advance notice by calling the barge on VHF-FM Marine Channel 16 or 630-514-0695 or 773-842-7470-1570. [05/22]

LAKE MICHIGAN – IL – Chicago Harbor – Chart 14927 - Bridge Maintenance
Due to a mechanical issue, the Wells Street Bridge at Mile 1.37 (CORPS MILE 325.8) over the Chicago River will require a 24-hour advance notice for openings until April 23, 2022. Mariners should provide advance notice directly to the drawtender. Vessels able to pass under the bridge without an opening may do so at any time. [13/22]

CALUMET SAG CHANNEL

LAKE MICHIGAN - IL – Calumet-SAG Channel - Chart 14926 - Bridge Maintenance
From March 1 through August 31, 2022 scaffolding that extends approximately 1-foot below low steel will be installed under one half of the 96th Avenue Bridge (LaGrange US 45) at Mile 24.56 (CORPS MILE 308.4) over
the Calumet-SAG Channel. The other half of the bridge the scaffolding will be pulled up tight against low steel. Steady burning yellow lights will warn mariners of the temporary reduction in vertical clearance.

[07/22]

**LAKE MICHIGAN - IL – Calumet-SAG Channel - Chart 14926 - Bridge Maintenance**
From June 1 through **November 1, 2022** scaffolding that extends approximately 1-foot below low steel will be installed under one half of the Western Avenue Bridge at Mile 15.01 (CORPS MILE 318.0) over the Calumet-SAG Channel.
[07/22]

**LAKE MICHIGAN – IL – Calumet-SAG Channel – Chart 14927 – Bridge Maintenance**
From March 15 through **June 15, 2022**, scaffolding that hangs approximately 2-feet below low steel will be installed under the Ashland Avenue Bridge at Mile 13.98 (CORPS MILE 319.0) over the Calumet-SAG Channel.

[10/22] [13/22]

*****REVISED*****

**LAKE MICHIGAN – IL – Calumet-SAG Channel – Chart 14927 – Bridge Maintenance**
From March 22 through **March 31, 2022** between the hours of 0800 and 1600 daily inspectors will utilize snooper trucks under the Western Avenue Bridge at Mile 15.01 (CORPS MILE 318.0) over the Calumet-SAG Channel. Spotters will warn of approaching vessels and move the man lift to allow vessels to pass.
[10/22] [13/22]

**LAKE MICHIGAN – IL – Calumet-SAG Channel – Chart 14927 – Bridge Maintenance**
From April 4 through **November 18, 2022**, scaffolding that hangs approximately 1-foot below low steel will be installed under one-half of the Francisco Avenue at Mile 15.63 (CORPS MILE 317.4), the Crawford Avenue Bridge at Mile 17.01 (CORPS MILE 316.0), the Ridgeland Avenue at Mile 20.47 (CORPS MILE 312.5), 104th Avenue Bridge at Mile 25.56 (CORPS MILE 307.3) over the Calumet-SAG Channel.

[12/22]

**CHICAGO SANITARY AND SHIP CANAL, KANKAKEE RIVER & ROCK RIVER**

(Lake Michigan to Mile 36.2/291.1)

**LAKE MICHIGAN – IL – Chicago Sanitary and Ship Canal – Chart 14927 - Bridge Maintenance** From March 21 through **June 3, 2022**, between the hours of 0700 and 1530, Monday through Friday, a 125-foot by 35-foot barge will be working at the South Cicero Avenue Bridge at Mile 10.0 (CORPS MILE 317.3) over the Chicago Sanitary and Ship Canal. The bare will monitor VHF-FM Marine Channel 16 and will move if a 1-hour advance notice is provided. [10/22]

**LAKE MICHIGAN – WEST**

*****REVISED*****

**LAKE MICHIGAN – WI – Milwaukee Harbor – Chart 14924 – Bridge Discrepancy**
The Coast Guard has received a report that one leaf of the Cherry Street Bridge at mile 2.29 over the Milwaukee River is inoperable due to a mechanical failure. The other leaf continues to operate normally.
[19/21] [26/21]
LAKE MICHIGAN – WI – Racine Harbor – Chart 14925 – Bridge Special Event
On July 4, 2022, between the hours of 0745 and 1130 and again from 2130 to 2230 the Main Street Bridge at Mile 0.31 and the State Street Bridge at Mile 0.53, over the Root River will be secured to masted navigation in conjunction with the 4th Fest of Greater Racine parade and fireworks. Vessels able to pass under the bridge without an opening may do so at any time. [12/22]

LAKE MICHIGAN – WI – Milwaukee Harbor – Chart 14924 – Bridge Special Event
From June 23 through July 9, 2022 from 2300 to 0100, Thursday through Saturday, all bridges from Mile 0.79 to Mile 1.46 over the Milwaukee River will be secured to recreational masted navigation, except at the discretion of the police department, in conjunction with the Summerfest event. Vessels able to pass under the bridges without an opening may do so at any time. [12/22]

LAKE MICHIGAN – WI – Milwaukee Harbor – Chart 14924 – Bridge Special Event
From 2130 on June 23 through 0100 on June 24, 2022 all bridges from Mile 0.79 to Mile 1.46 over the Milwaukee river will be secured to recreational masted navigation, except at the discretion of the police department, in conjunction with the Big Bang Fireworks. Vessels able to pass under the bridges without an opening may do so at any time. [12/22]

LAKE MICHIGAN – WI – Milwaukee Harbor – Chart 14924 – Bridge Special Event
From 2130 on July 3 through 0100 on July 4, 2022 all bridges from Mile 0.79 to Mile 1.46 over the Milwaukee river will be secured to recreational masted navigation, except at the discretion of the police department, in conjunction with the American Family Insurance Fireworks. Vessels able to pass under the bridges without an opening may do so at any time. A rain date of July 4 will be authorized if needed. [12/22]

LAKE MICHIGAN – WI – Milwaukee Harbor – Chart 14924 – Bridge Special Event
From July 15 through July 17, 2022 between the hours of 2300 and 0100 all bridges from Mile 0.79 to Mile 1.46 over the Milwaukee River will be secured to recreational masted navigation, except at the discretion of the police department, in conjunction with the Festa Italiana. Vessels able to pass under the bridges without an opening may do so at any time. [12/22]

LAKE MICHIGAN – WI – Marinette Harbor – Chart 14924 – Bridge Inspection
On April 14, 2022 between the hours of 0600 and 1600, inspectors will utilize snooper trucks under the Ogden Street Bridge at Mile 0.7 over the Menomonee River. The bridge will require a 15-minute advance notice for openings. [12/22]

LAKE MICHIGAN – Sturgeon Bay Ship Canal – Green Bay – Fox River – Wolf River

LAKE MICHIGAN – WI – Fox River – Chart 14972- Bridge Maintenance
From April 27, 2022 through October 7, 2022 between the Tayco Street Bridge at Mile 37.52 over the Fox River at Menasha will require a 2-hour advance notice from 0800 to Midnight and a 6-hour advance at all other times, each day, for openings. Mariners should call 920-360-5792 to provide advance notice. [45/21]
LAKE MICHIGAN – WI – Fox River – Chart 14918 – Bridge Special Event
From 0500 to 1500 on May 15, 2022 the Tilleman Memorial Bridge at Mile 2.27 over the Fox River will be secured to masted navigation in conjunction with the Cellcom Green Bay Marathon. Vessels able to pass under the bridge without an opening may do so at any time. [09/22]

LAKE MICHIGAN – WI – Fox River – Chart 14918 – Bridge Special Event
From 1400 to 2330 on July 4, 2022 the Main Street Bridge at Mile 1.58 over the Fox River will be secured to masted navigation in conjunction with the Fourth of July Celebration. Vessels able to pass under the bridge without an opening may do so at any time. [09/22]

*****REVISED****

LAKE MICHIGAN – WI – Fox River – Chart 14916- Bridge Construction
From October 29, 2020 through August 31, 2022, between the hours of 0700 to 2200, Monday through Friday, eight barges, 80-feet by 70-feet or smaller, will be used to construct the Racine Street Bridge at Mile 37.91 over the Fox River at Menasha. The old bridge has been removed. The temporary bridge over the slip near the George Banta Dock will continue to remain through the summer for temporary access. A 20-foot channel will be maintained for vessels through the construction area, between pier 4 and the south bascule pier until the bascule spans have been constructed and installed. Steady burning red lights will mark the temporary channel for vessels to pass through the construction area. [43/20] [10/22]

LAKE MICHIGAN – WI – Fox River – Chart 14972- Bridge Maintenance
From May 1, 2023 through September 1, 2023 scaffolding that hangs approximately 3-feet below low steel will be installed under the Tower Driver / Leo Figaro Bridge at Mile 0.41 over the Fox River. [11/22]

*****REVISED****

LAKE MICHIGAN – WI – Sturgeon Bay Ship Canal – Chart 14919 – Bridge Maintenance
From May 2 through May 3, 2022, between the hours of 0700 and 1600, the Michigan Street Bridge at Mile 4.3 over the Sturgeon Bay Ship Canal, will require a 4-hour advance notice for opening. Mariners should provide advance notice directly to the drawtender. [11/22] [12/22]
LAKE MICHIGAN – WI – Sturgeon Bay Ship Canal – Chart 14919 – Bridge Maintenance
From May 4 through May 5, 2022, between the hours of 0700 and 1600, the Maple-Oregon Street Bridge at Mile 4.17 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. [11/22]

LAKE MICHIGAN – WI – Green Bay – Chart 14918 – Bridge Maintenance
On April 22, 2022 between the hours of 0300 and 1400, the Main Street Bridge at Mile 1.58 over the Fox River will require a 3-hour advance notice for openings. Mariners should provide advance notice directly to the drawtender. [12/22]

LAKE MICHIGAN – WI – Green Bay – Chart 14918 – Bridge Maintenance
On March 29 and again on March 30, 2022 between the hours of 0700 and 1600, each day, the Main Street Bridge at Mile 1.58 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. [12/22]

LAKE MICHIGAN – WI – Fox River – Chart 14924 – Bridge Inspection
On April 5, 2022 between the hours of 0800 and noon inspectors will utilize snooper trucks under the Congress Avenue Bridge at Mile 58.01 over the Fox River. The bridge will require a 15-minute advance notice for openings. [12/22]

LAKE MICHIGAN – WI – Fox River – Chart 14924 – Bridge Inspection
From April 19 through April 28, 2022 between the hours of 0800 and 1600, inspectors will utilize snooper trucks under the Tower Drive / Leo Frigo Bridge at Mile 0.41 over the Fox River. Spotter will warn of approaching vessels and will move the man lift to allow vessels to pass. [12/22]

LAKE MICHIGAN – WI – Fox River – Chart 14924 – Bridge Inspection
On April 11 and April 12, 2022 between the hours of 0900 and 1300, inspectors will utilize snooper trucks under the Tillman Memorial Bridge at Mile 2.27 and the Walnut Street Bridge at Mile 1.81 over the Fox River. The bridge will require a 15-minute advance notice for openings. [12/22]

LAKE MICHIGAN – WI – Fox River – Chart 14924 – Bridge Inspection
On April 5, 2022 between the hours of 1300 and 1600, inspectors will utilize snooper trucks under the Wisconsin Street Bridge at Mile 56.72 over the Fox River. The bridge will require a 15-minute advance notice for openings. [12/22]

LAKE MICHIGAN – WI – Fox River – Chart 14924 – Bridge Inspection
On April 4, 2022 between the hours of 1300 and 1600, inspectors will utilize snooper trucks under the Oregon Street Bridge at Mile 56.22 over the Fox River. The bridge will require a 15-minute advance notice for openings. [12/22]

LAKE MICHIGAN – WI – Fox River – Chart 14924 – Bridge Inspection
On April 4, 2022 between the hours of 0800 and noon, inspectors will utilize snooper trucks under the Wisconsin Street Bridge at Mile 56.72 over the Fox River. The bridge will require a 15-minute advance notice for openings. [12/22]
LAKE MICHIGAN – WI – Sturgeon Bay – Chart 14924 – Bridge Inspection
On April 6 and April 7, 2022 between the hours of 0800 and noon, inspectors will utilize snooper trucks under the Bayview Bridge at Mile 3 and the Maple-Oregon Bridge at Mile 4.7 over the Sturgeon Bay Ship Canal. The bridge will require a 15-minute advance notice for openings. [12/22]

LAKE SUPERIOR

RAINY LAKE, RAINY RIVER, LAKE OF THE WOODS, WISCONSIN RIVER, MISSISSIPPI RIVER, & RED RIVER OF THE NORTH
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Authorized Winter Hours for Great Lakes Bridges
October 15, 2021 - April 30, 2022

Last Updated: 01 FEB 2022

lee.d.soule@uscg.mil 216-902-6085
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### Authorized Winter Hours for Great Lakes Bridges

**October 15, 2021 - April 30, 2022**

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<td>14924</td>
<td>Milwaukee</td>
<td>All City Owned</td>
<td>1.67</td>
<td>25-Nov 16-Apr</td>
<td>12-Hours</td>
<td>VHF-FM 16 414-286-2575</td>
</tr>
<tr>
<td>14925</td>
<td>Racine</td>
<td>Main</td>
<td>.31/.5</td>
<td>Root River</td>
<td>1-Dec 1-Apr</td>
<td>2-Hours</td>
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<tr>
<td>14925</td>
<td>Racine</td>
<td>State</td>
<td>0.53</td>
<td>Root River</td>
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<td>14926</td>
<td>Michigan City</td>
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<td>0.5</td>
<td>Trail Creek</td>
<td>1-Dec 15-Mar</td>
<td>12-hours</td>
</tr>
<tr>
<td>14926</td>
<td>Michigan City</td>
<td>Amtrak RR</td>
<td>0.9</td>
<td>Trail Creek</td>
<td>1-Dec 15-Mar</td>
<td>12-hours</td>
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<tr>
<td>14927</td>
<td>Chicago</td>
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<td>0.9</td>
<td>Chicago</td>
<td>1-Dec 31-Mar</td>
<td>48hours*</td>
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<tr>
<td>14929</td>
<td>Indiana Harbor</td>
<td>Indianapolis</td>
<td>2.59</td>
<td>Ind Hbr C.</td>
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<tr>
<td>14930</td>
<td>St. Joe</td>
<td>CSX RR</td>
<td>0.67</td>
<td>St. Joe</td>
<td>16-Dec 28-Feb</td>
<td>12-hours</td>
</tr>
<tr>
<td>14930</td>
<td>St. Joe</td>
<td>Blossomland</td>
<td>0.9</td>
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<td>14930</td>
<td>St. Joe</td>
<td>Bicentennial</td>
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<td>Grand Haven</td>
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<td>Grand River</td>
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<tr>
<td>Chart Number</td>
<td>Location 1</td>
<td>Location 2</td>
<td>Length (ft)</td>
<td>Location 3</td>
<td>Date Range</td>
<td>Hours</td>
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<tr>
<td>14933</td>
<td>Grand Haven</td>
<td>US 31</td>
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<td>Grand River</td>
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<tr>
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<td>Maple St</td>
<td>1.1</td>
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<td>1-Nov - 30-Apr</td>
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<td>US 31</td>
<td>1.4</td>
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<td>24-hours</td>
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<td>CSX RR</td>
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<td>1-Nov - 30-Apr</td>
<td>24-hours</td>
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<td>Charlevoix</td>
<td>US 31</td>
<td>0.3</td>
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<td>1-Jan - 31-Mar</td>
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</tr>
<tr>
<td>14972</td>
<td>Keweenaw</td>
<td>US 41</td>
<td>16</td>
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<td>14-Dec - 14-Apr</td>
<td>12-hours</td>
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<tr>
<td>14975</td>
<td>Duluth</td>
<td>Aerial</td>
<td>0.25</td>
<td>Ship Canal</td>
<td>1-Jan - 15-Mar</td>
<td>12-hours</td>
</tr>
<tr>
<td>14975</td>
<td>Duluth</td>
<td>BNSF\Grassy PT</td>
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<td>St. Louis</td>
<td>15-Dec - 15-Mar</td>
<td>12-hours</td>
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<tr>
<td>14998</td>
<td>Rainer</td>
<td>Canadian Natl</td>
<td>85</td>
<td>Rainy River</td>
<td>16-Oct - 30-Apr</td>
<td>12-hours</td>
</tr>
</tbody>
</table>

**Note 1:** 0800-1600 Open On Signal
**Note 2:** 0700-2300 Open On Signal
**Special:** 12-Hours Commercial

See LNM Maintenance Scheduled

**Cell Phone** Requesting Update

RED Not Updated

Black Updated

Green Email Requesting Update

lee.d.soule@uscg.mil 216-902-6085
CONFIDENTIALITY: Please check here if you wish to keep names of vessels and persons confidential

1. NAME OF VESSEL: _________________________________________________________________________

2. PORT: ___________________________________________________________________________________

3. DATE OF DELAY: _______________ (   ) INBOUND (  ) OUTBOUND

4. BRIDGE NAME: ____________________________________________________________________________

5. WATERWAY: ______________________________      MILE: _______________________________________

NOTE: IF DELAY IS AT RAILROAD BRIDGE, AND TRAINS ARE "CONTINUOUSLY" BEING RUN ACROSS OR STOPPED ON A DRAWBRIDGE, PLEASE INDICATE ON REVERSE SIDE OF FORM THE STARTING AND ENDING TIMES FOR EACH TRAIN, OR TIMES THAT TRAINS ARE STOPPED ON BRIDGE.

6. IF ADVANCE NOTICE IS PROVIDED, TIME NOTICE GIVEN: __________________________

ETA PROVIDED: __________________________       TO WHOM: __________________________

7. TIME FIRST SIGNAL GIVEN FOR BRIDGE: ___________        TIME ARRIVED AT BRIDGE: ___________

8. TIME FIRST SIGNAL RECEIVED FROM BRIDGE: ______________

9: DID RESPONSE INDICATE AN IMMEDIATE OPENING COULD BE EXPECTED OR THAT THERE COULD BE A DELAY? ______________________________________________________________________________________

___________________________________________________________________________________________

10. NAME(S) AND PHONE NUMBER OF BRIDGE TENDER: __________________________________________

11. TIME BRIDGE OPENED: _______                               TIME LOST: ________

12. WHAT WAS REASON PROVIDED FOR DELAY AND WHO PROVIDED IT?: ______________________________

___________________________________________________________________________________________

13. WHAT NAVIGATIONAL OR MANEUVERING DIFFICULTIES WERE CAUSED BY DELAY?: ________________

___________________________________________________________________________________________

14. PRINTED OR TYPED NAME(S) AND ADDRESS(ES) OF REPORTING SOURCE(S):__________________________

___________________________________________________________________________________________

15. PHONE NUMBERS AND/OR E-MAIL FOR REPORTING SOURCE(S) (FOR ADDITIONAL QUESTIONS BY COAST GUARD AND FOR FINAL STATUS OF REPORT): ____________________________
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
Hazardous Weather Outlook Extended to the Eastern Pacific Ocean

In coordination with the National Weather Service (NWS) and the National Hurricane Center (NHC), the US Coast Guard is pleased to announce the addition of a new Hazardous Weather Outlook (HWO) service that covers the Eastern Pacific Ocean. This service is available to all those who could benefit from advanced warning of hazardous weather in both coastal regions and open waters. As with the currently available Western Atlantic Hazardous Weather Outlook, Seven Day HWO’s will be released every Wednesday with additional Situational HWO’s issued as conditions require. The service will begin on April 6th of this year, however you can sign up in advance at any time.

In the recent past several maritime tragedies and “near misses” in the coastal waters of the United States have occurred due to hazardous weather, such as the sinking of the SS El Faro in 2015. Based on recommendations by the National Transportation Safety Board (NTSB), in cooperation with the NWS and the United States Coast Guard Navigation Center (NAVCEN), developing improved methods of delivering Marine Safety Information remain a top priority.

The NWS Ocean Prediction Center (OPC) and the NHC’s Tropical and Analysis Forecast Branch (TAFB) will be providing weekly and situational reports to the USCG, who will then be making this information available to the public. Through the free online subscription service, GovDelivery, which currently offers subscribers a wide array of Marine Safety Information such as Broadcast Notice to Mariners (BNMs) and Local Notice to Mariners (LNMs) provided through USCG NAVCEN, users will be able to register to receive Hazardous Weather Outlook reports giving forewarning of major weather events.

For subscribing to Eastern Pacific Hazardous Weather Outlook reports by E-mail:


For subscribing to Eastern Pacific Hazardous Weather Outlook reports by RSS Feed:

<https://public.govdelivery.com/topics/USDHSCG_506/feed.rss>

The Hazardous Weather Outlook will be extended to the Eastern Pacific Ocean.