LOCAL NOTICE TO MARINERS

District: 9  Week: 21/22

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 - B049-22 through B056-22
- Ninth District - C067-22 through C071-22
- Sector Detroit, MI - D034-22 through D036-22
- Sector Lake Michigan, WI - M107-22 through M115-22
- Sector Sault Ste Marie, MI - S065-22 through S069-22

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

<table>
<thead>
<tr>
<th>A through H</th>
<th>I through O</th>
<th>P through Z</th>
</tr>
</thead>
<tbody>
<tr>
<td>ADRIFT - Buoy Adrift</td>
<td>I - Interrupted</td>
<td>PRIV - Private Aid</td>
</tr>
<tr>
<td>AICW - Atlantic Intracoastal Waterway</td>
<td>ICW - Intracoastal Waterway</td>
<td>Q - Quick</td>
</tr>
<tr>
<td>AI - Alternating</td>
<td>IMCH - Improper Characteristic</td>
<td>R - Red</td>
</tr>
<tr>
<td>B - Buoy</td>
<td>INL - Inlet</td>
<td>RACON - Radar Transponder Beacon</td>
</tr>
<tr>
<td>BKW - Breakwater</td>
<td>INOP - Not Operating</td>
<td>Ra ref - Radar reflector</td>
</tr>
<tr>
<td>bl - Blast</td>
<td>INT - Intensity</td>
<td>RBN - Radio Beacon</td>
</tr>
<tr>
<td>BNM - Broadcast Notice to Mariner</td>
<td>ISL - Islet</td>
<td>REBUILT - Aid Rebuilt</td>
</tr>
<tr>
<td>bu - Blue</td>
<td>Iso - Isophase</td>
<td>RECOVERED - Aid Recovered</td>
</tr>
<tr>
<td>C - Canadian</td>
<td>kHz - Kilohertz</td>
<td>RED - Red Buoy</td>
</tr>
<tr>
<td>CHAN - Channel</td>
<td>LAT - Latitude</td>
<td>REF - Reflective</td>
</tr>
<tr>
<td>CGD - Coast Guard District</td>
<td>LB - Lighted Buoy</td>
<td>RRL - Range Rear Light</td>
</tr>
<tr>
<td>C/O - Cut Off</td>
<td>LBB - Lighted Bell Buoy</td>
<td>RELIGHTED - Aid Relit</td>
</tr>
<tr>
<td>CONT - Contour</td>
<td>LHB - Lighted Horn Buoy</td>
<td>RELOC - Relocated</td>
</tr>
<tr>
<td>CRK - Creek</td>
<td>LGB - Lighted Gong Buoy</td>
<td>RESET ON STATION - Aid Reset on Station</td>
</tr>
<tr>
<td>CONST - Construction</td>
<td>LONG - Longitude</td>
<td>RFL - Range Front Light</td>
</tr>
<tr>
<td>DAYMK/Daymk - Daymark</td>
<td>LNM - Local Notice to Mariners</td>
<td>RIV - River</td>
</tr>
<tr>
<td>DBN/Dbn - Daybeacon</td>
<td>LT - Light</td>
<td>RRASS - Remote Radio Activated Sound Signal</td>
</tr>
<tr>
<td>DB/DAYBD - Dayboard</td>
<td>LT CONT - Light Continuous</td>
<td>s - seconds</td>
</tr>
<tr>
<td>DEFAC - Defaced</td>
<td>LTR - Letter</td>
<td>SEC - Section</td>
</tr>
<tr>
<td>DEST - Destroyed</td>
<td>LWB - Lighted Whistle Buoy</td>
<td>SHL - Shoaling</td>
</tr>
</tbody>
</table>
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.irb.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/

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.
GREAT LAKES - Great Lakes Water Levels

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:


DELAY IN THE COMMISSIONING OF AIDS-TO-NAVIGATION

A delay is anticipated in the commissioning of Aids-to-Navigation in the throughout the Great Lakes, connecting waterways, and adjacent rivers and harbors. Mariners should use caution because many of the buoys left in throughout the winter may have missing retro-reflective or number markings, misleading colors because of ice damage, and could be off their assigned position. These aids should be considered a hazard to navigation. For updates on what aids have been commissioned for the season contact the local Coast Guard Sector.

The below Saginaw Bay and Saginaw River lighted buoys will be commissioned approximately 5 weeks later than their advertised dates in the light list.

SAGINAW BAY:

LB 15 LLNR (10680)  
LB 17 LLNR (10710)  
LB 18 LLNR (10715)  
LB 19 LLNR (10720)  
LB 20 LLNR (10725)  
LB 21 LLNR (10735)  
LB 24 LLNR (10740)

SAGINAW RIVER:

LB 3 LLNR (10770)  
LB 8 LLNR (10795)  
LB 18 LLNR (10817)  
LB 28 LLNR (10850)  
LB 44 LLNR (10905)  
LB 50 LLNR (10940)  
LB 62 LLNR (10990)  
LB 80 LLNR (11075)

LB 4 LLNR (10775)  
LB 10 LLNR (10800)  
LB 19 LLNR (10820)  
LB 31 LLNR (10880)  
LB 45 LLNR (10901)  
LB 54 LLNR (10955)  
LB 68 LLNR (11020)  
LB 84 LLNR (11082)

LB 7 LLNR (10790)  
LB 14 LLNR (10810)  
LB 23 LLNR (10835)  
LB 36 LLNR (10875)  
LB 48 LLNR (10930)  
LB 57 LLNR (10970)  
LB 71 LLNR (11045)  
LB 87 LLNR (11087)

The below Keweenaw Waterway lighted buoys will be commissioned approximately 4 weeks later than their advertised dates in the light list.

Keweenaw Waterway Lighted Buoy 1 LLNR (14775)  
Keweenaw Waterway Lighted Buoy 3 LLNR (14780)  
Keweenaw Waterway Lighted Buoy 4 LLNR (14785)  
Keweenaw Waterway Lighted Buoy 27 LLNR (14890)
Keweenaw Waterway Junction Lighted Buoy "KW" LLNR (14900)
Keweenaw Waterway Lighted Buoy 31 LLNR (14945)
Keweenaw Waterway Lighted Buoy 42 LLNR (14990)
Keweenaw Waterway Lighted Buoy 49 LLNR (15015)
Keweenaw Waterway Lighted Buoy 50 LLNR (15025)
Keweenaw Waterway Lighted Buoy 51 LLNR (15030)
Keweenaw Waterway Lighted Buoy 61 LLNR (15080)
Keweenaw Point Lighted Buoy 1 LLNR (15155)

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 - 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 HARBOUR - 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 – New Buffalo Harbor - Chart 14905
Shoaling has been reported near the middle of the channel immediately inside the break wall in New Buffalo Harbor, MI. The actual water depth is currently significantly below the charted depth. Mariners are urged to use caution when transiting the area. For further details, contact Sector Lake Michigan at (414) 747-7182 or VHF channel 16.

LAKE MICHIGAN – WAUGOSHANCE POINT TO SOUTH HAVEN – CHART 14905
Michigan City – Two red nun unlighted buoys have been established in the following positions to best mark shoaling in Michigan City Harbor. The buoys are located across the channel from the Michigan City Outer Basin Light (LLNR 19570). The buoys positions may change as the shoaling changes.
Michigan City Buoy “2” 41-43-30.719N / 086-54-32.796W
Michigan City Buoy “4” 41-43-28.625N / 086-54-31.842W

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.

LAKE SUPERIOR
The following NOAA Weather buoys have been commissioned for the season. Due to electronic positioning issues the buoys have been placed in their approximate position advertised in the light list.
A. NOAA LIGHTED WEATHER BUOY 45001 (LLNR 16880).
B. NOAA LIGHTED WEATHER BUOY 45004 (LLNR 16850).

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)**

<table>
<thead>
<tr>
<th>LNR</th>
<th>Aid Name</th>
<th>Status</th>
<th>Chart No.</th>
<th>BNM Ref.</th>
<th>LNM St</th>
<th>LNM End</th>
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<tr>
<td>530</td>
<td>St. Lawrence Seaway Light 81 (C)</td>
<td>LT EXT</td>
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<td>B014-22</td>
<td>14/22</td>
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<td>1630</td>
<td>St. Lawrence Seaway Lighted Buoy 235</td>
<td>LT IMCH</td>
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<td>B051-22</td>
<td>21/22</td>
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<tr>
<td>3520</td>
<td>Erie Harbor Entrance Lighted Buoy 2</td>
<td>OFF STA</td>
<td>14835</td>
<td>B037-22</td>
<td>18/22</td>
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<tr>
<td>3785</td>
<td>Ashtabula Harbor East Basin Lighted Buoy 2</td>
<td>OFF STA</td>
<td>14836</td>
<td>B009-22</td>
<td>12/22</td>
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<td>8410</td>
<td>Peche Island Range Rear Light</td>
<td>DAYMK MISSING</td>
<td>14853</td>
<td>D017-22</td>
<td>13/22</td>
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<td>Point Aux Barques Light</td>
<td>LT EXT</td>
<td>14862</td>
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<td>12010</td>
<td>Indian River Daybeacon 46</td>
<td>DAYMK MISSING</td>
<td>14886</td>
<td>S069-22</td>
<td>21/22</td>
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<tr>
<td>13015</td>
<td>Winter Point Range Front Light</td>
<td>DAYMK MISSING</td>
<td>14887</td>
<td>S104-21</td>
<td>46/21</td>
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<td>13025</td>
<td>Winter Point Range Rear Light</td>
<td>DAYMK MISSING</td>
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<td>S105-21</td>
<td>46/21</td>
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<td>13165</td>
<td>Sailors Encampment Channel Lighted Buoy 25</td>
<td>OFF STA</td>
<td>14887</td>
<td>S060-22</td>
<td>19/22</td>
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<tr>
<td>13475</td>
<td>West Neebish Channel (Downbound) Upper Range Rear Light</td>
<td>DAYMK MISSING</td>
<td>14887</td>
<td>S113-21</td>
<td>51/21</td>
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<td>13515</td>
<td>West Neebish Channel (Downbound) Oak Ridge Range Front Light</td>
<td>DAYMK MISSING</td>
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<td>S56-21</td>
<td>25/21</td>
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<td>West Neebish Channel (Downbound) Oak Ridge Range Front Light</td>
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<td>14050</td>
<td>Six Mile Point Range Rear Light</td>
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<td>14883</td>
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<td>14415</td>
<td>Cedar Point Lighted Buoy 24</td>
<td>WATCHING PROPERLY</td>
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<td>S068-22</td>
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<td>14460</td>
<td>Round Island Lighted Buoy 32</td>
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<td>14860</td>
<td>Princess Point Range Front Light</td>
<td>DAYMK MISSING</td>
<td>14972</td>
<td>S066-22</td>
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<td>16775</td>
<td>Middle Island Passage Buoy 1</td>
<td>OFF STA</td>
<td>S041-22</td>
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<td>Middle Island Passage Buoy 3</td>
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<td>Flag Island Lighted Buoy 4</td>
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<td>S95-21</td>
<td>43/21</td>
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<td>Warroad Range Front Light</td>
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<td>43/21</td>
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<td>17020</td>
<td>Warroad Range Rear Light</td>
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<td>White Shoal Buoy</td>
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<td>14911</td>
<td>S056-22</td>
<td>18/22</td>
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<td>18130</td>
<td>Northport Bay Shoal Buoy 6</td>
<td>OFF STA</td>
<td>14913</td>
<td>S015-22</td>
<td>09/22</td>
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<td>Lake Macatawa Buoy 23</td>
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<td>14932</td>
<td>M115-22</td>
<td>21/22</td>
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<td>21275</td>
<td>Rowley Bay Buoy 2</td>
<td>DAYMK MISSING</td>
<td>14909</td>
<td>M111-22</td>
<td>21/22</td>
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<td>Gravelly Island Shoal Buoy 4</td>
<td>DAYMK MISSING</td>
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<td>M110-22</td>
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<td>Lansing Shoals Light</td>
<td>RAC INOP</td>
<td>14911</td>
<td>S033-22</td>
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<td>Garden Island Shoal Lighted Bell Buoy 1</td>
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<td>S052-22</td>
<td>18/22</td>
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<td>21565</td>
<td>Squaw Island Shoal Buoy 1</td>
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<td>Squaw Point Lighted Buoy 12</td>
<td>OFF STA</td>
<td>14915</td>
<td>M109-22</td>
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<td>21820</td>
<td>Strawberry Channel Northeast Buoy 4</td>
<td>OFF STA</td>
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<td>M103-22</td>
<td>19/22</td>
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<td>22180</td>
<td>Green Bay Harbor Entrance Channel Range Front Light</td>
<td>DAYMK DMGD</td>
<td>14918</td>
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<td>22185</td>
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<td>DAY MK LACKING</td>
<td>14918</td>
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**DISCREPANCIES (FEDERAL AIDS) CORRECTED**

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<td>Saginaw Bay Channel Lighted Buoy 4</td>
<td>WATCHING PROPERLY</td>
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<td>Alpena Channel Lighted Buoy 5</td>
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<td>21/22</td>
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<td>Munuscong Channel (Upbound) Buoy 3</td>
<td>RESET ON STATION</td>
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### DISCREPANCIES (PRIVATE AIDS)

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<td>3505</td>
<td>International Paper East Crib Light</td>
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<td>14835</td>
<td>18/22</td>
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<tr>
<td>3910</td>
<td>Mentor Harbor Light 1</td>
<td>LT IMCH</td>
<td>14825</td>
<td>B045-22</td>
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<tr>
<td>4105</td>
<td>Lakeside Yacht Club Entrance North Light</td>
<td>LT IMCH</td>
<td>14839</td>
<td>B029-22</td>
<td>17/22</td>
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<td>4110</td>
<td>Lakeside Yacht Club Entrance South Light</td>
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<td>4150</td>
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<td>4255</td>
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<td>St Ignace Marina Northeast Breakwall Light</td>
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<td>19636</td>
<td>Buffington Harbor Inner Breakwater East Light 2</td>
<td>LT IMCH</td>
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<tr>
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<td>Indiana Harbor East Bulkhead Light</td>
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### DISCREPANCIES (PRIVATE AIDS) CORRECTED

<table>
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<tr>
<th>LLNR</th>
<th>Aid Name</th>
<th>Status</th>
<th>Chart No.</th>
<th>BNM Ref.</th>
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<tr>
<td>13535</td>
<td>West Neebish Channel (Downbound) Buoy 44</td>
<td>RESET ON STATION</td>
<td>14887</td>
<td>21/22</td>
<td>21/22</td>
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<td>13695</td>
<td>Moon Island Lighted Buoy 13</td>
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<tr>
<td>14020</td>
<td>Frechette Point Range Rear Light</td>
<td>RELIGHTED</td>
<td>14883</td>
<td>13/22</td>
<td>21/22</td>
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<tr>
<td>14395</td>
<td>Brush Point Range Rear Light</td>
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<td>14884</td>
<td>20/22</td>
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<tr>
<td>14445</td>
<td>Point Iroquois Anchorage Buoy &quot;B&quot;</td>
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<td>15130</td>
<td>Grand Traverse Bay Harbor Light 2</td>
<td>WATCHING PROPERLY</td>
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<tr>
<td>18555</td>
<td>Ludington South Breakwater Light</td>
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<tr>
<td>19825</td>
<td>Calumet Harbor Lighted Buoy 7</td>
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<td>21/22</td>
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<tr>
<td>21625</td>
<td>Eleven Foot Shoal Lighted Bell Buoy 6</td>
<td>WATCHING PROPERLY</td>
<td>14908</td>
<td>05/22</td>
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### PLATFORM DISCREPANCIES

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### PLATFORM DISCREPANCIES CORRECTED

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<thead>
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<th>Name</th>
<th>Status</th>
<th>Position</th>
<th>BNM Ref.</th>
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<th>LNM End</th>
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<tbody>
<tr>
<td>None</td>
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</tbody>
</table>

### 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.

<table>
<thead>
<tr>
<th>LLNR</th>
<th>Aid Name</th>
<th>Status</th>
<th>Chart No.</th>
<th>BNM Ref.</th>
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<td>2105</td>
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<td>TRLB</td>
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<tr>
<td>2720</td>
<td>Buffalo Harbor North Entrance Light 7</td>
<td>DISCONTINUED</td>
<td>14833</td>
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<td>5435</td>
<td>West Harbor Inner Channel Daybeacon 12</td>
<td>TRUB</td>
<td>14842</td>
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<td>West Harbor Inner Channel Daybeacon 14</td>
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<td>William Livingstone Memorial Light</td>
<td>Reduced Intensity</td>
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<td>9690</td>
<td>Grande Pointe Light 23</td>
<td>TRLT</td>
<td>14853</td>
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<tr>
<td>14020</td>
<td>Frechette Point Range Rear Light</td>
<td>Reduced Intensity</td>
<td>14883</td>
<td></td>
<td>21/22</td>
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</tr>
</tbody>
</table>
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        Chart        Edition         Last Local Notice        Horizontal                   Source of          Current Local
Number       Edition       Date            to Mariners                 Datum Reference       Correction          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 (Temp) ADD NATIONAL DOCK CHANNEL BUOY 3 at 40-41-09.001N 074-02-48.001W
(Great 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.
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                          None                None

Advance Notice(s)

LAKE MICHIGAN – WAUGOSHANCE POINT TO CHOIX POIT – CHART 14911
Lansing Shoal Light (LLNR 21535) Permanently discontinue the RACON “Y” and enhance with Synthetic AIS.

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.

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>
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<tbody>
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### Proposed Change Notice(s)

<table>
<thead>
<tr>
<th>Project Description</th>
<th>Docket No.</th>
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<tr>
<td><strong>LAKE ERIE – SOUTH SHORE OF LAKE ERIE – CHART 14842</strong></td>
<td>LNM: 18/22</td>
</tr>
<tr>
<td>Squaw Island Light (LLNR 5085) Change the name of the aid to Muddy Creek Light (LLNR 5085)</td>
<td></td>
</tr>
<tr>
<td><strong>ST. MARYS RIVER – DE TOUR PASSAGE TO MUNUSCONG LAKE – CHART 14882</strong></td>
<td>LNM: 18/22</td>
</tr>
<tr>
<td>Squaw Island Light “4” (LLNR 12895) Change the name to St Marys River Light “4” (LLNR 12895)</td>
<td></td>
</tr>
<tr>
<td><strong>LAKE MICHIGAN – WAUGOSHANCE POINT TO CHOIX POINT – CHART 14911</strong></td>
<td>LNM: 18/22</td>
</tr>
<tr>
<td>Squaw Island Shoal Buoy “2” (LLNR 21560) Change the name to Garden Island Buoy “2” (LLNR 21560)</td>
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<tr>
<td>Squaw Island Shoal Buoy “1” (LLNR 21565) Change the name to Garden Island Buoy “1” (LLNR 21565)</td>
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</tr>
<tr>
<td><strong>GREEN BAY – LITTLE BAY DE NOC – CHART 14915</strong></td>
<td>LNM: 18/22</td>
</tr>
<tr>
<td>Squaw Point Lighted Buoy “12” (LLNR 14915) Change the name to Little Bay De Noc Lighted Buoy “12” (LLNR 21690)</td>
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</tr>
<tr>
<td><strong>MINNESOTA-ONTARIO BORDER LAKES – NAMAKAN LAKE – CHART 14994</strong></td>
<td>LNM: 18/22</td>
</tr>
<tr>
<td>Squaw Narrows Daybeacon “4” (LLNR 17460) Change the name to Namakan Lake Light “4” (LLNR 17460)</td>
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</tbody>
</table>

For any comments or questions on these proposed changes please contact:
The Ninth District Aids to Navigation office at DO9-DG-District-D9-LocalNoticetoMariners@uscg.mil or call (216) 902-6078

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**

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 Brian.A.Smicklas@uscg.mil or by calling (216) 902-6064. 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)
- Toledo / Maumee Channel
Waterways Analysis and Management System

(LLN 6030-6455)
Monroe Harbor
(LLNR 6460-6680)
St. Clair River / Huron Cut
(LLNR 9570-10090)
St. Mary’s River
(LLNR 12765-13755)
Lake Nicolet / Bayfield Channel
(LLNR 13955-14192)
Keweenaw Waterway
(LLNR 14725-15250)
Knife River / Two Harbors
(LLNR 16495-16580)
St. Mary’s River
(LLNR 17720-17850)
Strait of Mackinac Western Section
(LLNR 21525-21580)
Sturgeon Bay Ship Canal
(LLNR 20990-21225)
Green Bay Entrance
(LLNR 21985-22360)
M.I.R.
(LLNR 11780-12170)
Marquette Harbor
(LLNR 14620-14720)
Apostle Islands
(LLNR 15255-15590)
St. Joseph / Benton Harbor
(LLNR 19515-19534.4)
Milwaukee
(LLNR 20635-20765)

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 ONTARIO - Rochester Harbor - Chart 14815
From 23 May 2022 to 15 Sep 2022 Great Lakes Dock and Materials LLC will be conducting pier repairs at the Rochester Harbor East Pier in Charlotte, NY. Hours of operation is 24 hours a day 7 days a week. Tug Duluth, Barge Jacqueline, Barge Hannah Avery, and GLDM can be contacted on VHF channels 7 and 16. All traffic should stay clear of the operations if possible. Please have positive contact with equipment, marine equipment shall be located near east pier in Rochester Harbor, both channel and Lake Ontario sides of pier. Marine equipment will traverse in and out of the harbor daily.

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′07.841″N / 080°47′25.303″W
Buoy “2” 41°54′58.921″N / 080°47′16.850″W
Buoy “3” 41°54′58.281″N / 080°47′14.290″W
Buoy “4” 41°54′56.304″N / 080°47′14.726″W
Buoy “5” 41°54′56.307″N / 080°47′11.234″W
Buoy “6” 41°54′58.474″N / 080°47′02.054″W

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

LAKE ERIE – Western Basin – Chart 14839
From 02 May 2022 to 30 Sep 2022 NOAA Ship Thomas Jefferson will be conducting hydrographic survey operations in the vicinity of Cleveland, Erie, and South Passage. Hours of operation are 24 hours a day 7 days a week. Gear may be towed astern. The ship and TJ small boats (TJ2903 and TJ2904) can be contacted on VHF channels 13 and 16. All mariners are requested to transit the area with caution.

LAKE ERIE – OH – Cuyahoga River – Chart 14839
From 1 May 2022 to 15 June 2022 the Ryba Marine Construction CO will be conducting maintenance dredging in the Cuyahoga River. Hours of operation are 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.
LAKEx ERIE – OH – Vermilion Harbor – Chart 14826
The U.S. Army Corps of Engineers has reported a water depth as shallow as 9ft within the federal channel IVO the north west corner of the Vermilion East Pier Break Wall in approximate position 41-25.70N, 082-21.82W due to repairs. All mariners are requested to transit the area with caution and contact the U.S. Army Corps of Engineers with any inquiries at 1-800-833-6390, option 3.

DETROIT RIVER – MI – Trenton Channel – Chart 14853 - Hazard to Navigation
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.

LAKE ST. CLAIR - MI - St. Clair Shores, MI - Chart 14850
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.

LAKE HURON – MI – Saginaw River – Chart 14867
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 Luedtko can be contacted on VHF channels 10, 16, and 19. 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.

STRAITS OF MACKINAW - Point LaBarbe to Point Emmet - Chart 14881
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.

STRAITS OF MACKINAW – Cheboygan, St. Ignace, St. Helena Island – Chart 14881
From 01 June 2022 to 01 July 2022 Kokosing Industrial INC will be conducting underwater ROV and AUV inspection of line 5 Dual Pipelines in the Straits of Mackinac. Hours of operation are from 0700 to 1900 Monday through Saturday. Tug Nancy Anne can be contacted on VHF channels 8 and 16. Nearby Vessels shall maintain 1500-foot exclusion Zone. All mariners are requested to transit the area with caution.

STRAITS OF MACKINAC - Chart 14881
From 01 June 2022 to 01 July 2022 Kokosing Industrial INC will be conducting underwater ROV and AUV inspection of line 5 Dual Pipelines in the Straits of Mackinac. Hours of operation are from 0700 to 1900 Monday through Saturday. Tug Nancy Anne can be contacted on VHF channels 8 and 16. Nearby Vessels shall maintain 1500-foot exclusion Zone. All mariners are requested to transit the area with caution.
From 08 June 2022 to 08 July 2022 Seaworks Group/ Gray & Pape will be conducting Hydrographic & Geophysical Surveying of line 5 Dual Pipelines in the Straits of Mackinac. Hours of operation are from 0700 to 1900 7 days a week. S/V Karen J can be contacted on VHF channels 8 and 16. Nearby Vessels shall maintain 1500-foot exclusion Zone. All mariners are requested to transit the area with caution.

**LNM: 21/22**

**LAKE MICHIGAN – Western Lake Michigan – Chart 14903, 14906**

From 02 May 2022 to 31 Aug 2022 Geodynamics will be conducting hydrographic survey in support of nautical chart updates 14nm offshore of Fox Point up to 14nm offshore of Kewaunee Nuclear Power Plant. Survey operations will begin near Port Washington and transition north to Sheboygan and Manitowoc area in June 2022. Surveys will be conducted 24 hours a day, 7 days a week, on the RV Substantial and 12 hours a day, 7 days a week on the RV Benthos. The RV Benthos is a 30 ft Armstrong aluminum catamaran survey vessel operating multibeam sonar. The RV Substantial is a 65 ft steel hull survey vessel operating multibeam sonar and towing sound speed equipment. Please provide .5 nautical mile distance when possible. Mariners are urged to transit at their slowest safe speed in the vicinity of the survey vessels to minimize wake. All survey vessels have AIS and will monitor VHF channels 16/13.

**LNM: 20/22**

**LAKE MICHIGAN – Michigan City – Chart 14926**

From 01 June 2022 to 31 July 2022 Roen Salvage Company will be conducting breakwater repairs in Michigan City Harbor outer breakwater. Hours of operation are 24 hours a day 7 days a week. Tug Stephan Asher can be contacted on VHF channels 7 and 16. All mariners are requested to keep clear of the operations and pass with no wake.

**LNM: 18/22**

**LAKE MICHIGAN – IL – Calumet Harbor – Chart 14927**

From 28 April 2022 to 15 June 2022 the Great Lake Dock and Materials, LLC will be conducting breakwater maintenance work on the Calumet Harbor breakwater. Hours of operation is 24 hours a day 7 days a week. Barge Justin Avery and Tug Duluth can be contacted on VHF channels 16 and 18. All traffic should stay clear of the operations if possible. Please have positive contact with equipment, marine equipment will be located along the west breakwater of Calumet Harbor. Equipment include crane barge, material barges and tug boats.

**LNM: 17/22**

**LAKE MICHIGAN – Grand Haven – Chart 14933**

From 19 May 2022 to 03 June 2022 the King Company, Inc will be conducting hydraulic dredging in the Grand Haven Outer Channel. Hours of operation are 24 hours a day 7 days a week. Dredge Barry J can be contacted on VHF channels 16, 18, and 73. Dredging the outer channel in Grand Haven MI. Submerged pipe marked by orange buoys every 500’. Disposal area will start 8,000’ north of piers. Main contact will be Robert Lister. Cell (989) 464-1511. All mariners are requested to transit the area with caution.

**LNM: 20/22**

**LAKE MICHIGAN – IL – Calumet Harbor – Chart 14972**

From 23 May 2022 to 31 July 2022 Luedtke Engineering Co. will be conducting maintenance dredging in the Calumet Harbor and River. Hours of operation are 24 hours a day 7 days a week. Tug Ann Marie and Tug Kurt can be contacted on VHF Channels 10, 16, and 19. Reduce speed and use caution around dredging equipment. Tugs will be transiting the river with loaded scows from Lake Calumet to the CDF located in the outer harbor.

**LNM: 19/22**

**LAKE SUPERIOR – Ontonagon Harbor – Chart 14965**

From 07 June 2022 to 11 July 2022 Roen Salvage Company will be conducting maintenance dredging in the federal navigation channel. Hours of operation are 24 hours a day 7 days a week. Tug John Asher can be contacted on VHF channels 7 and 16. All mariners are requested to transit the area with caution.

**LNM: 20/22**

**LAKE SUPERIOR - Apostle Islands - Chart 14966**

The University of Wisconsin (Madison) is commissioning 8 water environment monitoring buoys around the Apostle Islands from 15 June 2022, to 30 September 2022. The buoys are yellow in color and are 2’ in diameter with sensor equipment. All mariners are advised to use caution while transiting Apostle Islands during this timeframe.

**LNM: 18/22**

**LAKE SUPERIOR – MN – Spirit Lake – Chart 14975**

From 09 May 2022 to 15 Sept 2022 the J.F. Brennan Company will be conducting dredging and capping operations. Operations will be in the vicinity of 46°41’35.0’N 92°12’11.4’W out to 46°41’37.7’N 92°11’54.4’W and down to 46°41’12.8’N 92°11’46.2’W and in the vicinity of from shoreline out to 46°40’37.9’N 92°11’50.4’W then north up to 46°40’50.9’N 92°11’54.9’W and back into the shoreline. HDPE pipeline will be running from the dredges and exiting the water in the vicinity of 46°41’03.8’N, 92°12’18.4’W. Hours of operation will be 24 hours a day Monday through Saturday. Dredge Mark Anthony, Dredge Calumet and Spreader Barge Neenah can be contacted on VHF channels 16. All mariners are requested to transit the area with caution.

**LNM: 13/22**

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**SECTION VIII - LIGHT LIST CORRECTIONS**

An Asterisk * indicates the column in which a correction has been made to new information.

<table>
<thead>
<tr>
<th>No.</th>
<th>Name and Location</th>
<th>Position</th>
<th>Characteristic</th>
<th>Height</th>
<th>Range</th>
<th>Structure</th>
<th>Remarks</th>
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**LNM: 21/22**

**25 May 2022**
### SECTION VIII - LIGHT LIST CORRECTIONS (Continued)

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| 11550| Presque Isle Light                      | 45-42-47.317N  | Q G            | 4      |       |           | *                                | 21/22|
|      |                                        | 092-02-42.291W |                |        |       |           |                                  |      |

| 15750| Superior Front Channel Lighted Buoy 1   | 46-43-10.103N  | Fl G 2.5s      | 4      |       |           | *                                | 21/22|
|      |                                        | 092-03-14.534W |                |        |       |           |                                  |      |

| 15765| Superior Front Channel Lighted Buoy 5   | 46-43-35.243N  | Fl G 6s        | 4      |       |           | *                                | 21/22|
|      |                                        | 092-03-50.724W |                |        |       |           |                                  |      |

| 20480| Racine Reef Light                       | 44-57-23.940N  | Fl W 6s        | 50     | 9     |           | Remove from list.                 | 21/22|
|      |                                        | 087-34-45.306W |                |        |       |           |                                  |      |

| 21990| PEHTIGO REEF LIGHT                      | 44-28-51.141N  | Green can.     | 123    | 72    | 38        | Marks southeast side of shoal.    | 21/22|
|      |                                        | 088-02-34.583W |                |        |       |           |                                  |      |

| 22315| Green Bay City Buoy 13                  | 44-28-51.141N  | Fl W 6s        | 16     | 4     | 4         |                   *              | 21/22|
|      |                                        | 088-02-34.583W |                |        |       |           |                                  |      |

### ENCLOSURES

1. **LNMT Section I - Special Notices**
   - Great Lakes Water Levels
     - N/A

2. **LNMT Section II - Discrepancies**
   - N/A

3. **LNMT Section III - Temporary Changes and Temporary Changes Corrected**
   - N/A

4. **LNMT Section IV - Chart Corrections**
   - N/A

5. **LNMT Section V - Advance Notices**
   - N/A

6. **LNMT Section VI - Proposed Changes**
   - N/A

7. **LNMT Section VII - General**
   - Marine Events
2-Current Ninth District Bridge Maintenance/Activities
3-Waterway Analysis and Management System Survey
4-R/V Lake Char operations in Lake Superior, April-June 2022

(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).

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<th>Forecast Point</th>
<th>Low Water Datum</th>
<th>Expected Levels (inches above or below Low Water Datum,0)</th>
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<td>20-May 27-May 3-Jun 10-Jun 17-Jun</td>
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<td>39 39 39 38 38</td>
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<td>Lake Erie</td>
<td>569.2</td>
<td>46 46 46 46 46</td>
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<tr>
<td>Lake St. Clair</td>
<td>572.3</td>
<td>42 42 42 43 43</td>
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<tr>
<td>Lake Michigan-Huron</td>
<td>577.5</td>
<td>29 29 30 30 31</td>
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<tr>
<td>Lake Superior</td>
<td>601.1</td>
<td>10 11 12 13 14</td>
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<tr>
<td>Above Long Sault Dam</td>
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<td>237.9 33 32 30 30 29</td>
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<td>Above Iroquois Dam</td>
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<td>242.4 39 38 37 37 36</td>
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<td>Head of River at Point Iroquois</td>
<td>18</td>
<td>601.1 10 11 12 13 14</td>
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</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
- 477 Michigan Avenue
- International Joint Commission
- Detriot 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:

- Detroit District Great Lakes Homepage
- International Joint Commission
- SSMC4, STATION 7523
- Great Lakes Information Network
- NOAA Tides and Currents
- U.S. Coast Guard - District 9
- Silver Spring, MD 20910-3233
- (301) 713-2902

### WATER LEVEL INFORMATION SUPPLIED BY:

- Detroit District Corps of Engineers
- NOAA, National Ocean Service
- International Joint Commission
- SSMC4, STATION 7523
- Great Lakes Information Network
- NOAA Tides and Currents
- U.S. Coast Guard - District 9
- Silver Spring, MD 20910-3233
- (301) 713-2902
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>Location</th>
<th>Name of Event</th>
<th>Date / Time</th>
<th>Location</th>
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<td>Sturgeon Bay, WI</td>
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<td>De Pere, WI</td>
<td>Fireworks</td>
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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 Mariner(s) (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:
The 2022 Coast Pilot 6 has been published and is available for download: CPB6_WEB.pdf (noaa.gov)

ACTIVE BROADCAST NOTICE TO MARINERS (BNM)

SAFETY BCST PLUS SKED BCST UNTIL 312200Z MAY 22
U.S.C.G. NINTH DISTRICT NOTICE TO MARINERS C066-22
OH - LAKE ERIE - ERIE ISLANDS - SANDUSKY
FROM MAY 31 THROUGH JUNE 9, 2022 BETWEEN THE HOURS OF 0600 AND 1800, MONDAY THROUGH THURSDAY THE NORFOLK SOUTHERN RAILROAD BRIDGE AT MILE 3.5 OVER THE SANDUSKY BAY WILL BE SECURED TO MASTED NAVIGATION. VESSELS ABLE TO PASS UNDER THE BRIDGE WITHOUT AN OPENING MAY DO SO AT ANY TIME.

SUBJ/ ISSUE NOTICE TO MARINERS
SAFETY BCST PLUS SKED BCST UNTIL 202000Z MAY 22
U.S.C.G. NINTH DISTRICT NOTICE TO MARINERS C059-22
MI – ST. CLAIR RIVER – BLACK RIVER
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.
SUBJ/ ISSUE NOTICE TO MARINERS
SAFETY BCST PLUS SKED BCST UNTIL 262000Z MAY 22
U.S.C.G. NINTH DISTRICT NOTICE TO MARINERS C061-22
IL- LAKE MICHIGAN – CHICAGO SANITARY AND SHIP CANAL
ON MAY 20, 2022, BETWEEN THE HOURS OF 0800 TO 1700 EACH DAY HARD HAT DIVERS WILL BE INSPECTING SOUTH CALIFORNIA AVENUE BRIDGE AT MILE 7.3 (CORPS MILE 320.0) AND THE SOUTH PULASKI ROAD BRIDGE AT MILE 8.9 (CORPS MILE 318.4) OVER THE CHICAGO SANITARY AND SHIP CANAL. A DIVE SAFETY BOAT WILL MONITOR VHF-FM MARINE CHANNEL 16 AND WILL MOVE AS NEEDED TO ACCOMMODATE VESSEL TRAFFIC.

SUBJ/ ISSUE NOTICE TO MARINERS
SAFETY BCST PLUS SKED BCST UNTIL 202200Z MAY 22
U.S.C.G. NINTH DISTRICT NOTICE TO MARINERS C062-22
IL - LAKE MICHIGAN - CHICAGO HARBOR
FROM MAY 16 THROUGH MAY 20, 2022, BETWEEN THE HOURS OF 0800 TO 1700 EACH DAY HARD HAT DIVERS WILL BE INSPECTING ALL BRIDGES FROM MILE 0.32 TO MILE 6.14 OVER THE CHICAGO RIVER. A DIVE SAFETY BOAT WILL MONITOR VHF-FM MARINE CHANNEL 16 AND WILL MOVE AS NEEDED TO ACCOMMODATE VESSEL TRAFFIC.

SUBJ/ ISSUE NOTICE TO MARINERS
SAFETY BCST PLUS SKED BCST UNTIL 252200Z MAY 22
U.S.C.G. NINTH DISTRICT NOTICE TO MARINERS C063-22
IL- LAKE MICHIGAN –CALUMET HARBOR
FROM MAY 23 THROUGH MAY 25, 2022, BETWEEN THE HOURS OF 0800 TO 1700 EACH DAY HARD HAT DIVERS WILL BE INSPECTING THE 100TH STREET BRIDGE AT MILE 1.76 (CORPS MILE 331.4) AND THE 106TH STREET BRIDGE AT MILE 2.58 (CORPS MILE 330.6) AND THE TORRANCE AVENUE BRIDGE AT MILE 5.26 (CORPS MILE 328.0) OVER THE CALUMET RIVER AND THE INDIANA AVENUE AT MILE 7.92 (CORPS MILE 325.3) OVER THE LITTLE CALUMET A DIVE SAFETY BOAT WILL MONITOR VHF-FM MARINE CHANNEL 16 AND WILL MOVE AS NEEDED TO ACCOMMODATE VESSEL TRAFFIC.

SAFETY BCST PLUS SKED BCST UNTIL 191600Z MAY 22
U.S.C.G. NINTH DISTRICT NOTICE TO MARINERS C064-22
WI - LAKE MICHIGAN -FOX RIVER
ON MAY 19, 2022 BETWEEN THE HOURS OF 0730 AND 1100, THE MAIN STREET BRIDGE AT MILE 55.97 OVER THE FOX RIVER AT OSHKOSH WILL REQUIRE A 15-MINUTE ADVANCE NOTICE FOR OPENINGS. MARINERS SHOULD PROVIDE ADVANCE NOTICE DIRECTLY TO THE DRAWTENDER ON VHF-FM MARINE CHANNEL 16. A SNOOPER TRUCK WILL BE USED UNDER THE BRIDGE AND SPOTTERS WILL WARN OF APPROACHING VESSELS AND MOVE THE MAN LIFT TO ALLOW VESSELS TO PASS UNDER THE BRIDGE.
MI - LAKE SUPERIOR - KEWEENAW WATERWAY
FROM MAY 26 THROUGH SEPTEMBER 6, 2022 THE COAST GUARD WILL BE TESTING A NEW BRIDGE OPERATING SCHEDULE FOR THE US41 BRIDGE AT MILE 16.0 OVER THE KEWANEE WATERWAY. DURING THE TEST THE BRIDGE SHALL OPEN ON SIGNAL: EXCEPT THAT FROM 0700 TO 1900 MONDAY THROUGH FRIDAY, LESS FEDERAL HOLIDAYS, THE DRAW ONLY NEED TO BE OPENED ON THE HOUR AND HALF HOUR FOR ANY VESSEL. BETWEEN MIDNIGHT AND 0400, THE DRAW SHALL BE PLACED IN THE INTERMEDIATE POSITION AND OPENED IF A 2-HOUR ADVANCE NOTICE IS GIVEN. THE BRIDGE SHALL BE OPENED ON SIGNAL TO PASS ANY VESSELS OVER 300 FEET IN LENGTH OR AT ANY TIME 5 OR MORE VESSELS GATHER AT THE BRIDGE REQUESTING AN OPENING. FOR COMPLETE DETAILS MARINERS ARE ENCOURAGED TO VISIT REGULATIONS (DOT) GOV AND SEARCH FOR DOCKET USCG-2022-0237 FOR MORE INFORMATION AND TO LEAVE COMMENTS ON THE TEST SCHEDULE.

OH- LAKE ERIE - CLEVELAND HARBOR
ON MAY 23 AND AGAIN ON MAY 25, 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.

WI - LAKE MICHIGAN - STURGEON BAY SHIP CANAL
ON MAY 25 AND MAY 26, 2022, BETWEEN THE HOURS OF 0800 AND 1600 A SNOOPER TRUCK WILL BE WORKING UNDER THE MAPLE OREGON STREET BRIDGE AT MILE 4.7 OVER THE STURGEON BAY SHIP CANAL. SPOTTERS WILL WARN OF APPROACHING VESSELS AND MOVE THE MAN LIFT TO ALLOW VESSELS TO PASS. THE BRIDGE SCHEDULE REMAINS UNAFFECTED.

2021 FEDERAL REGULATIONS DOCKET STATUS
GREAT LAKES REGION

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. [46/13]

ST. LAWRENCE SEAWAY

NY STATE CANAL SYSTEM
(Anything 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 May 11 through August 17, 2022 between the hours of 0700 and 1730, Monday through Saturday, a 50-foot 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]

NEW YORK STATE CANAL SYSTEM – NY - Erie Canal – Chart 14786 – Bridge Maintenance From April 25 through August 31, 2022 between the hours of 0700 and 1700, Monday through Friday,
contractors will be washing the E234 Transit Road Bridge at Mile 320.82, the E233 Main Street Bridge at Mile 320.82, the E236A Lockport Bypass Road Bridge at Mile 322.16, and the E248, Webster Street Bridge at Mile 338.44 over the Erie Canal. Spotters will warn of approaching vessels and move the man lift to allow vessels to pass. Mariners should avoid passing under any falling water from the bridge.

**NEW YORK STATE CANAL SYSTEM – NY - Erie Canal – Chart 14786 – Bridge Maintenance**
From May 31 through **August 31, 2022** between the hours of 0800 and 1700 daily workers will be using snooper trucks to wash the underside of all bridges from the E-93 CSX Railroad Bridge at Mile 209.36 to the E-212 Marshall Road Bridge at Mile 305.63 over the Erie Canal. Spotters will warn of approaching vessels and will move the man lift to allow vessels to pass. Mariners should avoid passing under the clean water falling from the bridge.

**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.

**LAKE ERIE - MAHONING RIVER - NIAGARA RIVER - ALLEGHENY RIVER**

*****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.

**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.

**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.

**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.

**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]

*****REVISED*****

LAKE ERIE – OH – Cleveland Harbor – Chart 14839 – Bridge Maintenance
On May 23 and again on May 25, 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] [20/22]

LAKE ERIE – OH – Toledo Harbor – Chart 14847 – Bridge Maintenance
From April 28 through August 31, 2022 between the hours of 0700 and 1700, Monday through Friday a 150-foot by 50-foot barge will be working at the Norfolk Southern Railroad Bridge at Mile 5.76 over the Maumee River. During this time the bridge will require a 2-hour advance notice for openings. Mariners should provide advance notice on VHF-FM Marine Channel 16 or by calling 419-254-1539. [17/22]

LAKE ERIE – NY – Niagara River – Chart 14832 – Bridge Maintenance
From May 30 through July 15, 2022 between the hours of 0700 and 1600, Monday through Friday a 100 foot by 34-foot barge will be washing the South Grand Island Bridges at Mile 27.5 over the Niagara River. The barge will monitor VHF-FM Marine Channel 16 and will move to accommodate other vessels. [18/22]

LAKE ERIE – OH – Portage River – Chart 14844- Bridge Maintenance
From June 6 through June 16, 2022 between the hours of 0600 and 1800, Monday through Thursday the Norfolk Southern Railroad Bridge at Mile 1.5 over the Portage River will be secured to masted navigation. Vessel able to pass under the bridge without an opening may do so at any time. [20/22]

LAKE ERIE – OH – Sandusky Bay – Chart 14845- Bridge Maintenance
From May 31 through June 9, 2022 between the hours of 0600 and 1800, Monday through Thursday the Norfolk Southern Railroad Bridge at Mile 3.5 over the Sandusky Bay will be secured to masted navigation. Vessel able to pass under the bridge without an opening may do so at any time. [20/22]

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 – Pine River – Chart 14853 – Bridge Maintenance
From January 1, 2023 through March 17, 2023, the Riverside Avenue, State Route 29 Bridge at Mile 0.10 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.

[18/22]

**DETROIT RIVER – MI – Trenton Channel – Chart 14848 – Bridge Inspection**

On **June 21, 2022** between the hours of 0930 and 1830, inspectors will utilize a snooper truck under the Grosse Isle Parkway (Free) Bridge at Mile 5.60 over the Detroit River Trenton Channel. Vessels passing under the bridge should pass at a slow speed; spotters will warn of approaching vessels and move the man lift. The bridge will require a 1-hour advance notice for openings. Mariners should provide advance notice directly to the drawtender.

[21/22]

**LAKE HURON**

**STRAITS OF MACKINAC, SAINT MARY’S RIVER AND FALLS**

**LAKE MICHIGAN – EAST**

**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.

[42/20]

**LAKE MICHIGAN – MI – Grand Haven – Chart 14933- Bridge Maintenance**

From September 6, 2022 through **October 30, 2022**, one leaf of the U.S. Route 31 Bridge at Mile 2.89 over the Grand River will be secured to masted navigation and the other leaf will operate normally.

[43/20]

**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 – 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 – Grand Haven – Chart 14933 - Bridge Special Event**

From 2200 on July 4 until 0200 on **July 5, 2022**, the U.S. 31 Bridge at Mile 2.89 over the Grand River will be secured to masted navigation in conjunction with the 4th of July Celebration. Vessels able to pass under the
bridge without an opening may do so at any time.

[14/22]

LAKE MICHIGAN – MI – Grand Haven – Chart 14933 - Bridge Special Event
From 2200 on August 6 until 0200 on August 7, 2022, the U.S. 31 Bridge at Mile 2.89 over the Grand River will be secured to masted navigation in conjunction with the Annual Coast Guard Day Celebration. Vessels able to pass under the bridge without an opening may do so at any time.

[14/22]

LAKE MICHIGAN – INDIANA & GARY HARBOR

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 – CALUMET RIVER & LITTLE CALUMET RIVER

LAKE MICHIGAN – IL – Calumet River – Chart 14927 - Bridge Inspection
From June 23 through June 25, 2022, between the hours of 0800 to 1700 each day hard hat divers will be inspecting the 100th Street Bridge at Mile 1.76 (CORPS MILE 331.4) and the 106th Street Bridge at Mile 2.58 (CORPS MILE 330.6) and the Torrance Avenue Bridge at Mile 5.26 (CORPS MILE 328.0) over the Calumet River and the Indiana Avenue at Mile 7.92 (CORPS MILE 325.3) over the Little Calumet A dive safety boat will monitor VHF-FM Marine Channel 16 and will move as needed to accommodate vessel traffic.

[18/22]

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 125-foot 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]

*****REVISED*****

LAKE MICHIGAN – IL – Chicago Harbor – Chart 14927 – Bridge Maintenance
From February 14 through June 10, 2022, between the hours of 0600 and 1800, Monday through Friday a 100-foot 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] [16/22]

**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]

****REVISED****

**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. A 110-foot by 35-foot barge at the bridge between the hours of 0700 and 1530, Monday through Saturday.

[10/22] [14/22]

**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]

**LAKE MICHIGAN - IL – Calumet-SAG Channel - Chart 14926 - Bridge Maintenance**

From June 13 through June 29, 2022 between the hours of 0700 and 1700, Monday through Saturday, a 120-foot by 40-foot barge will be working under the Sag Highway Bridge at Mile 28.76 (CORPS MILE 304.2) over the Calumet-SAG Channel. The barge will monitor VHF-FM Marine Channel 16 and will move if a 3-hour advance notice is provided by calling 630-739-2460. Containment that hangs approximately 3-feet below low steel will be installed under the bridge.

[21/22]

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

(Lake Michigan to Mile 36.2/291.1)

****REVISED****

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

From March 21 through July 8, 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] [21/22]

**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 – Racine Harbor – Chart 14925 – Bridge Special Event**
On **June 25, 2022** from 0740 to 1100 the Main Street Bridge at Mile 0.31 over the Root River will be secured to masted navigation in conjunction with the Lighthouse Run. Vessels able to pass under the bridge without an opening may do so at any time.

[20/22]

**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** 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.

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.

****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. Cranes in the drawspan will move if a 12-hour advance notice is provided by calling: 920-224-2068 or 920-450-4987

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.

LAKE MICHIGAN – WI – Fox River – Chart 14916- Bridge Proposed Regulation
The Coast Guard proposes to modify the operating schedule that governs the Tayco Street Bridge, mile 37.52, the Main Street Bridge, mile 55.97, the Jackson Street Bridge, mile 56.22, the Wisconsin Street Bridge, mile 56.72, and the Congress Avenue Bridge, mile 58.01, all over the Fox River near Oshkosh, Wisconsin. This proposed rule will allow the bridges to operate remotely. We invite your comments on this proposed rulemaking. You may submit comments identified by docket number USCG-2021-0336 using Federal Decision Making Portal at https://www.regulations.gov. If you have questions on this proposed rule, call or e-mail Mr. Lee D. Soule, Bridge Management Specialist, Ninth Coast Guard District; telephone 216-902-6085, e-mail...
LAKE MICHIGAN – WI – Sturgeon Bay – Chart 14919 – Bridge Maintenance
On May 25 and **May 26, 2022**, between the hours of 0800 and 1600 a snooper truck will be working under the Maple Oregon Street Bridge at Mile 4.7 over the Sturgeon Bay Ship Canal. Spotters will warn of approaching vessels and move the man lift to allow vessels to pass. The bridge schedule will remain unaffected.

LAKE SUPERIOR

LAKE SUPERIOR – MI – Keweenaw Waterway – Chart 14972- Bridge Test Schedule
The Coast Guard has issued a temporary deviation (87 FR 30418) from the operating schedule that governs the US41 Bridge, mile 16.0, over the Keweenaw Waterway between the towns of Houghton and Hancock, Michigan to test the effectiveness of a new bridge operating schedule.

From May 26, 2022 through **September 6, 2022** the US41 Bridge, mile 16.0, over the Kewanee Waterway, shall open on signal: except that from 0700 to 1900 Monday through Friday, less federal holidays, the draw only need to be opened on the hour and half hour for any vessel. Between midnight and 0400, the draw shall be placed in the intermediate position and opened if a 2-hour advance notice is given. The bridge shall be opened on signal to pass any vessels over 300 feet in length or at any time 5 or more vessels gather at the bridge requesting an opening. All other provisions of 33 CFR 117.635 shall remain in effect.

If you have questions on this proposed rule, call or e-mail Mr. Lee D. Soule, Bridge Management Specialist, Ninth Coast Guard District, telephone 216-902-6085, e-mail Lee.D.Soule@uscg.mil. You may read the entire docket or submit comments identified by docket number USCG-2022-0237 using Federal Decision Making Portal at [https://www.regulations.gov](https://www.regulations.gov). Comments and relate material must reach the Coast Guard on or before November 1, 2022.
Bridge Openings for 2017

- Recreation Openings 90
- Commercial Openings 55
- Total Bridge Openings 145
- Total Days 69
Bridge Openings for 2018

- Recreation Openings: 91
- Commercial Openings: 51
- Total Bridge Openings: 142
- Total Days: 71
RAINY LAKE, RAINY RIVER, LAKE OF THE WOODS, WISCONSIN RIVER, MISSISSIPPI RIVER, & RED RIVER OF THE NORTH

Bridge Openings for 2019

- Recreation Openings 99
- Comercial Openings 59
- Total Bridge Openings 158
- Total Days 71
(Revised 11/19) NINTH DISTRICT DRAWBRIDGE SIGNALS OR OPERATION DELAYS FORM

TO: Commander (dpb)                                           DATE: ___________________________
Ninth Coast Guard District
1240 E. 9th Street – Room 2047b
Cleveland, Ohio 44199-2060
Phone: (216) 902-6087
Fax: (216) 902-6088
E-Mail: William.B.Stanifer@uscg.mil
      Lee.D.Soule@uscg.mil
      Michael.O.Walker2@uscg.mil

NOTE: Reports of Delay will be processed only when all items
are fully addressed and reports submitted within 15
days of reported delay / difficulty. Attach additional
sheets if necessary.

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: _______________________________
   (Bridge name, waterway, and mile from Coast Pilot #6)

   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 THE
   RESPONSE 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): _______________________________________________

   (SIGNATURE)
Dated: May 11, 2022.
Aaron T. Siegel,
Alternate OSD Federal Register Liaison Officer, Department of Defense.
[FR Doc. 2022–10656 Filed 5–18–22; 8:45 am]
BILLING CODE 5001–06–P

DEPARTMENT OF HOMELAND SECURITY

Coast Guard

33 CFR Part 117

[Docket No. USCG–2022–0237]

Drawbridge Operation Regulation; Keweenaw Waterway, Between Houghton and Hancock, MI

AGENCY: Coast Guard, DHS.

ACTION: Notice of temporary deviation from regulations; request for comments.

SUMMARY: The Coast Guard has issued a temporary deviation from the operating schedule that governs the US41 Bridge, mile 16.0, over the Keweenaw Waterway between the towns of Houghton and Hancock, Michigan. The Michigan Department of Transportation (MDOT), who owns and operates the bridge, has requested a deviation that will test a change to the drawbridge operation schedule to determine whether a permanent change to the schedule is needed. The Coast Guard is seeking comments from the public regarding these proposed changes.

DATES: This deviation is effective from 7 a.m. on May 26, 2022 through 7 p.m. on September 6, 2022. Comments and related material must reach the Coast Guard on or before November 1, 2022.


See the “Public Participation and Request for Comments” portion of the SUPPLEMENTARY INFORMATION section below for instructions on submitting comments.

FOR FURTHER INFORMATION CONTACT: If you have questions on this proposed rule, call or email Mr. Lee D. Soule, Bridge Management Specialist, Ninth Coast Guard District; telephone 216–902–6085, email Lee.D.Soule@uscg.mil.

SUPPLEMENTARY INFORMATION:

I. Background, Purpose and Legal Basis

The US41 Bridge, mile 16.0, over the Keweenaw Waterway (the bridge) between the towns of Houghton and Hancock, Michigan. The Michigan Department of Transportation (MDOT), who owns and operates the bridge, has requested a deviation that will test a change to the drawbridge operation schedule to determine whether a permanent change to the schedule is needed. The Coast Guard is seeking comments from the public regarding these proposed changes.

DATES: This deviation is effective from 7 a.m. on May 26, 2022 through 7 p.m. on September 6, 2022. Comments and related material must reach the Coast Guard on or before November 1, 2022.

The Keweenaw Waterway divides the Keweenaw Peninsula and is located in the middle of the south shore of Lake Superior, a Great Lake known for hazardous weather conditions. The federal government improved the Keweenaw Waterway in 1861 to accommodate interstate commerce; the Keweenaw Waterway acts as a harbor of safe refuge for vessels caught in bad weather and is the halfway between Duluth, Minnesota and Sault Ste. Marie, Michigan. Commercial vessels, including some over 700-feet in length, and powered and non-powered recreational vessels utilize the waterway. The passenger vessel RANGER III operates from the east side of the US41 Bridge to Isle Royal and is operated by the National Park Service with a capacity of 128-passengers. A U.S. Coast Guard Station is located at the far west end of the waterway.

MDOT has requested a new operating schedule to relieve commuter and commercial vehicle traffic congestion at the bridge on weekdays; the new schedule will not apply to federal holidays that fall on weekdays. Traffic data impacted by COVID–19 restrictions would not provide the public with an accurate assessment of the traffic conditions at the bridge and have intentionally have not been considered. The following data from the 2017 through 2019 drawtender logs and traffic data from July 9 through July 15, 2019 was provided by MDOT. We have received a request to consider restricting the bridge openings at this location at least twice a year since 2016. The comments and data received during this test deviation will prove or disprove the need for restricted openings.

MDOT provided vehicle-crossing data for a five-day workweek and we discovered from 7 a.m. to 7 p.m. the traffic at the bridge steadily increases then decreases without definitive spikes at morning, noon, and evening, as shown in the below graph.

![Average Vehicle Count Graph](image-url)
We have placed a color copy of this graph and the three graphs that follow in the docket. See instructions in Section II for viewing items in the docket.

MDOT provided drawtender logs for three years: 2017, 2018, and 2019 to show average opening requests and boating trends.

**Bridge Openings for 2017**

<table>
<thead>
<tr>
<th>Month</th>
<th>Recreation Openings 90</th>
<th>Commercial Openings 55</th>
<th>Total Bridge Openings 145</th>
<th>Total Days</th>
</tr>
</thead>
<tbody>
<tr>
<td>May</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>June</td>
<td></td>
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<td>August</td>
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</tr>
<tr>
<td>September</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Bridge Openings for 2018**

<table>
<thead>
<tr>
<th>Month</th>
<th>Recreation Openings 91</th>
<th>Commercial Openings 51</th>
<th>Total Bridge Openings 142</th>
<th>Total Days</th>
</tr>
</thead>
<tbody>
<tr>
<td>May</td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>June</td>
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<td>August</td>
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<tr>
<td>September</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
The temporary deviation is necessary to gather data on a possible permanent solution:

From 7 a.m. on May 26, 2022 through 7 p.m. on September 6, 2022, the US41 Bridge, mile 16.0, over the Kewanee Waterway, shall open on signal: Except that from 7 a.m. to 7 p.m. Monday through Friday, less federal holidays, the draw only need to be opened on the hour and half-hour for any vessel. Between midnight and 4 a.m. the draw shall be placed in the intermediate position and opened if a 2-hour advance notice is given. The bridge shall be opened on signal to pass any vessel over 300 feet in length or at any time 5 or more vessels gather at the bridge requesting an opening. All other provisions of 33 CFR 117.635 shall remain in effect.

The Coast Guard will also inform the users of the waterways through our Local Broadcast Notices to Mariners of the change in operating schedule for the bridge so that vessel operators can arrange their transits to minimize any impact caused by the temporary deviation.

In accordance with 33 CFR 117.35(e), the drawbridge must return to its regular operating schedule immediately at the end of the effective period of this temporary deviation. This deviation from the operating regulations is authorized under 33 CFR 117.35.

II. Public Participation and Request for Comments

We view public participation as essential to effective rulemaking, and will consider all comments and material received during the comment period. Your comment can help shape the outcome of this rulemaking. If you submit a comment, please include the docket number for this rulemaking, indicate the specific section of this document to which each comment applies, and provide a reason for each suggestion or recommendation.

We encourage you to submit comments through the Federal Decision Making Portal at https://www.regulations.gov. To do so, go to https://www.regulations.gov, type USCG–2022–0237 in the search box and click “Search.” Next, look for this document in the Search Results column, and click on it. Then click on the Comment option. If your material cannot be submitted using https://www.regulations.gov, contact the person in the FOR FURTHER INFORMATION CONTACT section of this document for alternate instructions.

To view documents mentioned in this rule as being available in the docket, find the docket as described in the previous paragraph, and then select “Supporting & Related Material” in the Document Type column. Public comments will also be placed in our online docket and can be viewed by following instructions on the https://www.regulations.gov Frequently Asked Questions web page. We review all comments received, but we will only post comments that address the topic of the proposed rule. We may choose not to post off-topic, inappropriate, or duplicate comments that we receive.

We accept anonymous comments. Comments we post to https://www.regulations.gov will include any personal information you have provided. For more about privacy and submissions in response to this document, see DHS’s eRulemaking System of Records notice (85 FR 14226, March 11, 2020).

M.J. Johnston,
Rear Admiral, U.S. Coast Guard, Commander, Ninth Coast Guard District.

[FR Doc. 2022–10564 Filed 5–18–22; 8:45 am]
BILLING CODE 9110–04–P

ENVIRONMENTAL PROTECTION AGENCY

40 CFR Part 52


Air Plan Approval; Michigan; Partial Approval and Partial Disapproval for Infrastructure SIP Requirements for the 2015 Ozone NAAQS; Correction

AGENCY: Environmental Protection Agency (EPA).

ACTION: Final rule; correction.

SUMMARY: This action corrects an omission of timely comment and response in the September 28, 2021, Environmental Protection Agency (EPA) partial approval/partial disapproval of elements of a State Implementation Plan (SIP) submission from Michigan to address the infrastructure requirements of section 110 of the Clean Air Act (CAA) for the 2015 ozone National Ambient Air Quality Standards (NAAQS). Accordingly, this action amends the effective date of the final approval to reflect EPA’s current response to the previously omitted comment.

DATES: This final rule is effective on May 19, 2022.
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 D09-DG-District-D9-ATON-Support@uscg.mil 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>
TO:          All Mariners on Lake Superior
FROM:        Shawn P. Sitar, Fisheries Research Biologist, Marquette Fisheries Research Station
SUBJECT:     Updated: R/V Lake Char operations in Lake Superior, April-June 2022

This is a note to inform you that we will be conducting our spring survey, deepwater survey, Big Reef survey for lake trout using gill nets in Lake Superior starting 21 April and completing by 30 June.

In these surveys, we use bottom set gill nets that range between 1,500 and 3,000 ft long, and they stand about 6 feet from the bottom and are set overnight. Our spring sampling stations are generally 80 to 250 deep and within a few miles from shore. The Big Reef survey will be more than 25 miles offshore. Our nets are marked with black flagged buoys that are labeled with our agency identification.

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

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

If you have any questions regarding our sampling schedule, please feel free to contact me by e-mail at sitars@michigan.gov or by cell phone at (906)-235-1581. Thank you for your cooperation.
2022 spring, deep water, Big Reef lake trout survey schedule for Marquette Fisheries Research Station (MFRS), Fisheries Division, Michigan Department of Natural Resources.

Research Vessel Lake Char, MIDNR spring (circle), deep water (triangle), and Big Reef (star) lake trout survey stations.
<table>
<thead>
<tr>
<th>Dates</th>
<th>Station</th>
<th>Site</th>
<th>Latitude</th>
<th>Longitude</th>
</tr>
</thead>
<tbody>
<tr>
<td>5/23</td>
<td>05/24/2022</td>
<td>509 Big Bay (IN)-Thill</td>
<td>46 51.38'N</td>
<td>87 43.25'W</td>
</tr>
<tr>
<td>5/23</td>
<td>05/24/2022</td>
<td>513 Big Bay (OUT)-Thill</td>
<td>46 53.77'N</td>
<td>87 41.69'W</td>
</tr>
<tr>
<td>5/23</td>
<td>05/24/2022</td>
<td>522 Yellow Dog Point</td>
<td>46 48.23'N</td>
<td>87 33.38'W</td>
</tr>
<tr>
<td>5/24</td>
<td>05/25/2022</td>
<td>544 White Rocks-Thill</td>
<td>46 36.3'N</td>
<td>87 21.53'W</td>
</tr>
<tr>
<td>5/24</td>
<td>05/25/2022</td>
<td>547 Big Garlic-Thill</td>
<td>46 33.17'N</td>
<td>87 18.9'W</td>
</tr>
<tr>
<td>5/24</td>
<td>05/25/2022</td>
<td>548 Little Presque Isle North-Thill</td>
<td>46 32.25'N</td>
<td>87 17.13'W</td>
</tr>
<tr>
<td>5/25</td>
<td>05/26/2022</td>
<td>532 Marquette-Thill B</td>
<td>46 40.76'N</td>
<td>87 28.1'W</td>
</tr>
<tr>
<td>5/25</td>
<td>05/26/2022</td>
<td>535 Marquette-Thill A</td>
<td>46 39.41'N</td>
<td>87 24.96'W</td>
</tr>
<tr>
<td>5/26</td>
<td>05/27/2022</td>
<td>550 Marquette Beach-Thill</td>
<td>46 31.06'N</td>
<td>87 16.77'W</td>
</tr>
<tr>
<td>5/26</td>
<td>05/27/2022</td>
<td>552 Shot Point-Thill</td>
<td>46 31.93'N</td>
<td>87 13.76'W</td>
</tr>
<tr>
<td>5/31</td>
<td>06/01/2022</td>
<td>609 Table Top A</td>
<td>46 29'N</td>
<td>86 52'W</td>
</tr>
<tr>
<td>5/31</td>
<td>06/01/2022</td>
<td>610 Au Train Island-East</td>
<td>46 30'N</td>
<td>86 52'W</td>
</tr>
<tr>
<td>5/31</td>
<td>06/01/2022</td>
<td>614 Au Train Island-Brey</td>
<td>46 33.69'N</td>
<td>86 55.3'W</td>
</tr>
<tr>
<td>6/1</td>
<td>06/02/2022</td>
<td>612 Au Train Point-Brey, VLS</td>
<td>46 29.95'N</td>
<td>86 49.75'W</td>
</tr>
<tr>
<td>6/1</td>
<td>06/02/2022</td>
<td>629 Wood Island-VLS</td>
<td>46 32'N</td>
<td>86 46'W</td>
</tr>
<tr>
<td>6/2</td>
<td>06/03/2022</td>
<td>651 Trout Reef A-Brey (south)</td>
<td>46 29.69'N</td>
<td>86 35.09'W</td>
</tr>
<tr>
<td>6/2</td>
<td>06/03/2022</td>
<td>652 Trout Reef B-Brey (north)/ FAT 6-2</td>
<td>46 32.51'N</td>
<td>86 34.33'W</td>
</tr>
<tr>
<td>6/2</td>
<td>06/03/2022</td>
<td>667 Portal Reef-VLS</td>
<td>46 37.28'N</td>
<td>86 29.39'W</td>
</tr>
<tr>
<td>6/6</td>
<td>06/07/2022</td>
<td>710 Au Sable Point (site 1)</td>
<td>46 42.34'N</td>
<td>86 9.74'W</td>
</tr>
<tr>
<td>6/6</td>
<td>06/07/2022</td>
<td>730 Grand Marais (site 3)</td>
<td>46 44.48'N</td>
<td>86 0.22'W</td>
</tr>
<tr>
<td>6/7</td>
<td>06/08/2022</td>
<td>731 Grand Marais (site 4)</td>
<td>46 44.68'N</td>
<td>85 59.08'W</td>
</tr>
<tr>
<td>6/7</td>
<td>06/08/2022</td>
<td>734 Perry's Landing (site 6)</td>
<td>46 44.8'N</td>
<td>85 50.66'W</td>
</tr>
<tr>
<td>6/7</td>
<td>06/08/2022</td>
<td>735 Perry's Landing (site 7)</td>
<td>46 44.57'N</td>
<td>85 46.88'W</td>
</tr>
<tr>
<td>6/8</td>
<td>06/09/2022</td>
<td>680 Beaver Beach-VLS</td>
<td>46 35.32'N</td>
<td>86 24.12'W</td>
</tr>
<tr>
<td>6/8</td>
<td>06/09/2022</td>
<td>683 Beaver Hump B-Brey</td>
<td>46 39.55'N</td>
<td>86 19.86'W</td>
</tr>
<tr>
<td>6/8</td>
<td>06/09/2022</td>
<td>685 Beaver Hump C-Brey</td>
<td>46 40.95'N</td>
<td>86 17.8'W</td>
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<tr>
<td>6/20</td>
<td>06/24/2022</td>
<td>655 Big Reef</td>
<td>46°48.5'N</td>
<td>86°32.5'W</td>
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