LOCAL NOTICE TO MARINERS

District: 9  Week: 18/22

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 - B033-22 through B038-22
Ninth District - C052-22 through C056-22
Sector Detroit, MI - D0252-22 through D027-22
Sector Lake Michigan, WI - M092-22 through M095-22
Sector Sault Ste Marie, MI - S050-22 through S057-22

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>REFL - 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 CONT - Light Continuous</td>
<td>RRASS - Remote Radio Activated Sound Signal</td>
</tr>
<tr>
<td>DBD/DayBD - Dayboard</td>
<td>LT - Light</td>
<td>s - seconds</td>
</tr>
<tr>
<td>DEFACT - 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>
<tr>
<td></td>
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</tr>
</tbody>
</table>
CAUTION TO BE USED IN RELIANCE UPON AIDS TO NAVIGATION

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

LNM: 06/14

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.

LNM: 04/20

USACE NOTICE TO NAVIGATION INTERESTS

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

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

LNM: 18/22

04 May 2022
Navigation Center Website Transition

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

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

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

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

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

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

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

GREAT LAKES - Great Lakes Water Levels
See Enclosure 1

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


ANTICIPATED DELAY IN THE COMMISSIONING OF AIDS-TO-NAVIGATION
Due to continued icebreaking operations. A delay is anticipated in the commissioning of Aids-to-Navigation in the throughout the Great Lakes, connecting waterways, and adjacent rivers and harbors. All mariners are requested to transit these areas with caution.

ST. MARYS RIVER SYSTEM - DE TOUR PASSAGE TO WHITEFISH BAY - Charts 14882,14883,14884
Due to unusually high water levels, SOO Traffic requests all mariners transiting the St. Marys River System to monitor their speed and corresponding wake to protect the shoreline.

ST. MARYS RIVER - LAKE NICOLET TO SAULT STE MARIE - CHART 14884
The U.S. Army Corps of Engineers has commissioned Little Rapids Cut Lighted Ice Buoy 98B (LLNR 14105). The buoy marks the upstream end of the ice boom in place on the eastern side of the St. Marys River. The available channel width for navigation is restricted to 385ft. Due to the channel restrictions, VTS St Marys River directs no meeting or overtaking in Little Rapids Cut from Light 98 (LLNR 14100) to Mission Point Obstruction LT C (LLNR 14145).

ST. MARYS RIVER - AMERICAN CANAL - CHART 14884
Northeast Pierhead Light (LLNR 14205) The U. S. Army Corps of Engineers will be relocating this light to the top of their new camera tower. As soon as the position and height of the light’s new location is confirmed it will be advertised in Section VIII - Light List Corrections of the LNM.
LAKE ERIE - BUFFALO HARBOR - Chart 14833
North Entrance Light "7" (LLNR 2720) The light has been temporarily discontinued due to construction on the breakwater. A temporary light without day marks and lowered focal plane has been established in position 42-52°50.220"N / 078-53°45.474"W. The characteristic is FL G 2.5s. Another lantern was mounted on the Northwest end of the breakwater in position 42-53°04.590"N / 078-54°05.880"W. The characteristic of this light is QW.

LNM: 51/19

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.

LNM: 15/22

LAKE MICHIGAN – WAUGEON 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

LNM: 23/21

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.

LNM: 45/20

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).

LNM: 16/22

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>LLNR</th>
<th>Aid Name</th>
<th>Status</th>
<th>Chart No.</th>
<th>BNM Ref.</th>
<th>LNM St</th>
<th>LNM End</th>
</tr>
</thead>
<tbody>
<tr>
<td>155</td>
<td>St. Lawrence Seaway Lighted Buoy 26</td>
<td>SINKING</td>
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<tr>
<td>305</td>
<td>St. Lawrence Seaway Lighted Buoy 50</td>
<td>OFF STA</td>
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<td>B028-22</td>
<td>17/22</td>
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<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>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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<tr>
<td>4655</td>
<td>Sandusky Straight Channel Lighted Buoy 14</td>
<td>LT EXT</td>
<td>14845</td>
<td>D024-22</td>
<td>17/22</td>
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<td>7170</td>
<td>Grosse Ile South Channel Range Rear Light</td>
<td>DAYMK MISSING</td>
<td>14853</td>
<td>D019-22</td>
<td>15/22</td>
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<tr>
<td>8245</td>
<td>Belle Isle North Lighted Buoy 113</td>
<td>SINKING</td>
<td>14853</td>
<td>D026-22</td>
<td>18/22</td>
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<tr>
<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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<tr>
<td>10035</td>
<td>Lake Huron Cut Lighted Buoy 1</td>
<td>LT EXT</td>
<td>14852</td>
<td>D022-22</td>
<td>16/22</td>
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<tr>
<td>10085</td>
<td>Lake Huron Cut Lighted Buoy 11</td>
<td>LT EXT</td>
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<td>D023-22</td>
<td>16/22</td>
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### DISCREPANCIES (FEDERAL AIDS) CORRECTED

<table>
<thead>
<tr>
<th>LNM</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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<tbody>
<tr>
<td>4725</td>
<td>Sandusky Bay Exit Channel Range Front Light</td>
<td>WATCHING PROPERLY</td>
<td>14842</td>
<td>S104-21</td>
<td>46/21</td>
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<tr>
<td>11550</td>
<td>Presque Isle Light</td>
<td>WATCHING PROPERLY</td>
<td>14869</td>
<td>S105-21</td>
<td>46/21</td>
<td></td>
</tr>
<tr>
<td>13070</td>
<td>Munuscong Channel (Upbound) Lighted Buoy 9</td>
<td>WATCHING PROPERLY</td>
<td>14887</td>
<td>S113-21</td>
<td>51/21</td>
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<tr>
<td>13220</td>
<td>Munuscong Channel Buoy 31</td>
<td>RESET ON STATION</td>
<td>14887</td>
<td>S56-21</td>
<td>25/21</td>
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<td>15875</td>
<td>Duluth Harbor Basin Lighted Buoy 2</td>
<td>OFF STA</td>
<td>14975</td>
<td>S057-22</td>
<td>18/22</td>
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<td>16775</td>
<td>Middle Island Passage Buoy 1</td>
<td>OFF STA</td>
<td>S041-22</td>
<td>15/22</td>
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<td>16780</td>
<td>Middle Island Passage Buoy 3</td>
<td>OFF STA</td>
<td>S041-22</td>
<td>15/22</td>
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<td>16965</td>
<td>Flag Island Lighted Buoy 4</td>
<td>OFF STA</td>
<td>14977</td>
<td>S95-21</td>
<td>43/21</td>
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<td>17015</td>
<td>Warroad Range Front Light</td>
<td>LT EXT</td>
<td>14993</td>
<td>S015-22</td>
<td>09/22</td>
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<td>17020</td>
<td>Warroad Range Rear Light</td>
<td>DAYMK MISSING</td>
<td>14993</td>
<td>S015-22</td>
<td>09/22</td>
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<td>17745</td>
<td>New Shoal Lighted Bell Buoy 3</td>
<td>MISSING</td>
<td>14911</td>
<td>S056-22</td>
<td>18/22</td>
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<td>17755</td>
<td>White Shoal Buoy</td>
<td>MISSING</td>
<td>14911</td>
<td>S056-22</td>
<td>18/22</td>
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<td>17825</td>
<td>St. James Harbor Lighted Buoy 4</td>
<td>OFF STA</td>
<td>14911</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>18630</td>
<td>Pentwater South Pierhead Light 4</td>
<td>LT EXT</td>
<td>14907</td>
<td>M095-22</td>
<td>18/22</td>
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<td>19825</td>
<td>Calumet Harbor Lighted Buoy 7</td>
<td>OFF STA</td>
<td>14926</td>
<td>M054-22</td>
<td>11/22</td>
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<td>21310</td>
<td>Plum Island Range Rear Light</td>
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<td>21535</td>
<td>Lansing Shoals Light</td>
<td>RAC INOP</td>
<td>14911</td>
<td>S033-22</td>
<td>15/22</td>
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<td>21540</td>
<td>Garden Island Shoal Lighted Bell Buoy 1</td>
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<td>14911</td>
<td>S052-22</td>
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<td>21565</td>
<td>Squaw Island Shoal Buoy 1</td>
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<td>18/22</td>
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<td>21625</td>
<td>Eleven Foot Shoal Lighted Bell Buoy 6</td>
<td>OFF STA</td>
<td>14908</td>
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<td>05/22</td>
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<td>22145</td>
<td>Green Bay Harbor Entrance Channel Lighted Buoy 9</td>
<td>LT EXT</td>
<td>14918</td>
<td>S052-22</td>
<td>18/22</td>
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<td>22180</td>
<td>Green Bay Harbor Entrance Channel Range Front Light</td>
<td>DAYMK DMGD</td>
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<td>22215</td>
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<td>DAYMK DMGD</td>
<td>14918</td>
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<td>44/20</td>
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**DISCREPANCIES (FEDERAL AIDS) CORRECTED**

- **LNM 4725**: Sandusky Bay Exit Channel Range Front Light - Watching Properly (Chart No. 14842, BNM Ref. S104-21, LNM St 01/22, LNM End 18/22)
- **LNM 11550**: Presque Isle Light - Watching Properly (Chart No. 14869, BNM Ref. S105-21, LNM St 18/22, LNM End 18/22)
- **LNM 13070**: Munuscong Channel (Upbound) Lighted Buoy 9 - Watching Properly (Chart No. 14887, BNM Ref. S113-21, LNM St 15/22, LNM End 18/22)
- **LNM 13220**: Munuscong Channel Buoy 31 - Reset On Station (Chart No. 14887, BNM Ref. S56-21, LNM St 15/22, LNM End 18/22)
- **LNM 15875**: Duluth Harbor Basin Lighted Buoy 2 - Off Station (Chart No. 14975, BNM Ref. S057-22, LNM St 18/22, LNM End 18/22)
- **LNM 16775**: Middle Island Passage Buoy 1 - Off Station (Chart No. 14911, BNM Ref. S041-22, LNM St 15/22, LNM End 15/22)
- **LNM 16780**: Middle Island Passage Buoy 3 - Off Station (Chart No. 14911, BNM Ref. S041-22, LNM St 15/22, LNM End 15/22)
- **LNM 16965**: Flag Island Lighted Buoy 4 - Off Station (Chart No. 14993, BNM Ref. S95-21, LNM St 43/21, LNM End 43/21)
- **LNM 17015**: Warroad Range Front Light - Lt Ext (Chart No. 14993, BNM Ref. S015-22, LNM St 09/22, LNM End 09/22)
- **LNM 17020**: Warroad Range Rear Light - Daymk Missing (Chart No. 14993, BNM Ref. S015-22, LNM St 09/22, LNM End 09/22)
- **LNM 17745**: New Shoal Lighted Bell Buoy 3 - Missing (Chart No. 14911, BNM Ref. S056-22, LNM St 18/22, LNM End 18/22)
- **LNM 17755**: White Shoal Buoy - Missing (Chart No. 14911, BNM Ref. S056-22, LNM St 18/22, LNM End 18/22)
- **LNM 17825**: St. James Harbor Lighted Buoy 4 - Off Station (Chart No. 14911, BNM Ref. S041-22, LNM St 15/22, LNM End 15/22)
- **LNM 18130**: Northport Bay Shoal Buoy 6 - Off Station (Chart No. 14913, BNM Ref. S015-22, LNM St 09/22, LNM End 09/22)
- **LNM 18630**: Pentwater South Pierhead Light 4 - Lt Ext (Chart No. 14907, BNM Ref. M095-22, LNM St 18/22, LNM End 18/22)
- **LNM 19825**: Calumet Harbor Lighted Buoy 7 - Off Station (Chart No. 14926, BNM Ref. M054-22, LNM St 11/22, LNM End 11/22)
- **LNM 21310**: Plum Island Range Rear Light - Lt Ext (Chart No. 14909, BNM Ref. M062-22, LNM St 13/22, LNM End 13/22)
- **LNM 21535**: Lansing Shoals Light - Rac Inop (Chart No. 14911, BNM Ref. S033-22, LNM St 15/22, LNM End 15/22)
- **LNM 21540**: Garden Island Shoal Lighted Bell Buoy 1 - Missing (Chart No. 14911, BNM Ref. S052-22, LNM St 18/22, LNM End 18/22)
- **LNM 21565**: Squaw Island Shoal Buoy 1 - Missing (Chart No. 14911, BNM Ref. S056-22, LNM St 18/22, LNM End 18/22)
- **LNM 21625**: Eleven Foot Shoal Lighted Bell Buoy 6 - Off Station (Chart No. 14908, BNM Ref. S041-22, LNM St 15/22, LNM End 15/22)
- **LNM 22145**: Green Bay Harbor Entrance Channel Lighted Buoy 9 - Lt Ext (Chart No. 14918, BNM Ref. S052-22, LNM St 18/22, LNM End 18/22)
- **LNM 22180**: Green Bay Harbor Entrance Channel Range Front Light - Daymk Missing (Chart No. 14918, BNM Ref. S052-22, LNM St 18/22, LNM End 18/22)
- **LNM 22215**: Green Bay Harbor Entrance Channel Range Rear Light - Daymk Missing (Chart No. 14918, BNM Ref. S052-22, LNM St 18/22, LNM End 18/22)
DISCREPANCIES (PRIVATE AIDS)

<table>
<thead>
<tr>
<th>LLNR</th>
<th>Aid Name</th>
<th>Status</th>
<th>Chart No.</th>
<th>BNM Ref.</th>
<th>LNM St</th>
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<td>3505</td>
<td>International Paper East Crib Light</td>
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<td>Lakeside Yacht Club Entrance North Light</td>
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<td>Lakeside Yacht Club Entrance South Light</td>
<td>LT IMCH</td>
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<td>4255</td>
<td>Bradstreet Landing Dock Light</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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<td>19665</td>
<td>Indiana Harbor East Bulkhead Light</td>
<td>LT IMCH</td>
<td>14926</td>
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DISCREPANCIES (PRIVATE AIDS) CORRECTED

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<td>19670</td>
<td>Indiana Harbor North Bulkhead Light</td>
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<td>14926</td>
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PLATFORM DISCREPANCIES

None

PLATFORM DISCREPANCIES CORRECTED

None

SECTION III - TEMPORARY CHANGES and TEMPORARY CHANGES CORRECTED

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

TEMPORARY CHANGES

<table>
<thead>
<tr>
<th>LLNR</th>
<th>Aid Name</th>
<th>Status</th>
<th>Chart No.</th>
<th>BNM Ref.</th>
<th>LNM St</th>
<th>LNM End</th>
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<tbody>
<tr>
<td>2105</td>
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<td>TRLB</td>
<td>14813</td>
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<tr>
<td>2720</td>
<td>Buffalo Harbor North Entrance Light 7</td>
<td>DISCONTINUED</td>
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<td>33/19</td>
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<td>5435</td>
<td>West Harbor Inner Channel Daybeacon 12</td>
<td>TRUB</td>
<td>14842</td>
<td></td>
<td>33/21</td>
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<tr>
<td>5470</td>
<td>West Harbor Inner Channel Daybeacon 14</td>
<td>TRUB</td>
<td>14842</td>
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<td>48/20</td>
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<td>8240</td>
<td>William Livingstone Memorial Light</td>
<td>Reduced Intensity</td>
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<tr>
<td>9690</td>
<td>Grande Pointe Light 23</td>
<td>TRLT</td>
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<td>15220</td>
<td>Ontonagon Harbor East Breakwater Light</td>
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<tr>
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<td>Driftwood Point Light</td>
<td>DISCONTINUED</td>
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<tr>
<td>21635</td>
<td>Escanaba Light</td>
<td>Reduced Intensity</td>
<td>14915</td>
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<td>49/20</td>
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<tr>
<td>22245</td>
<td>Green Bay Harbor Entrance Channel Light 25</td>
<td>TRLB</td>
<td>14918</td>
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<td>33/21</td>
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</table>

TEMPORARY CHANGES CORRECTED

None

PLATFORM TEMPORARY CHANGES

None
SECTION IV - CHART CORRECTIONS

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

<table>
<thead>
<tr>
<th>Chart Number</th>
<th>Chart Edition</th>
<th>Last Local Notice</th>
<th>Horizontal Datum Reference</th>
<th>Source of Correction</th>
<th>Current Local Notice to Mariners</th>
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<tr>
<td>12327</td>
<td>91st Ed.</td>
<td>19-APR-97</td>
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<td>27/97</td>
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<tr>
<td>Chart Title: NY-NJ-NEW YORK HARBOR - RARITAN RIVER</td>
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</tr>
<tr>
<td>Main Panel: 2245  NEW YORK HARBOR</td>
<td>CGD01</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>(Temp) ADD NATIONAL DOCK CHANNEL BUOY 3  at 40-41-09.001N 074-02-48.001W</td>
<td></td>
<td></td>
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<td></td>
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</tbody>
</table>

(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)  
None

Advance Notice(s)  

LAKE HURON - HARRISVILLE TO FORTY MILE POINT - Chart 14864
Presque Isle Light (LLNR 11550) Reduce the range of the light from 22 statute miles to 16 statute miles.  
LNM: 20/20

LAKE MICHIGAN –WAGUOSHANCE POINT TO CHOIX POIT – CHART 14911
Lansing Shoal Light (LLNR 21535) Permanently discontinue the RACON “Y” and enhance with Synthetic AIS.  
LNM: 15/22

LAKE MICHIGAN - LITTLE BAY DE NOC - CHART 14915
Escanaba Light (LLNR 21635) Change the characteristic of the light from ISO W 6s to ISO G 6s  
LNM: 49/20

LAKE SUPERIOR – ASHLAND HARBOR AND WASHBURN HARBORS – CHART 14974
The following buoys in Ashland Harbor will be seasonally maintained from May 21 to Oct 21. The buoys will not be winter marked.  
Ashland Harbor Lighted Buoy “1” (LLNR 15355)
Ashland Harbor Buoy “2” (LLNR 15360)
Ashland Harbor Buoy “3” (LLNR 15365)
Ashland Harbor Lighted Buoy “4” (LLNR 15370)
Ashland Harbor Buoy “5” (LLNR 15375)  
LNM: 35/21

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>
<tr>
<td>None</td>
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</tbody>
</table>

Proposed Change Notice(s)  

LAKE ERIE – SOUTH SHORE OF LAKE ERIE – CHART 14842
Squaw Island Light (LLNR 5085) Change the name of the aid to Muddy Creek Light (LLNR 5085)  
LNM: 18/22

ST. MARYS RIVER – DE TOUR PASSAGE TO MUNUSCONG LAKE – CHART 14882
Squaw Island Light “4” (LLNR 12895) Change the name to St Marys River Light “4” (LLNR 12895)  
LNM: 18/22

LAKE MICHIGAN – WAGUOSHANCE POINT TO CHOIX POINT – CHART 14911
Squaw Island Shoal Buoy “2” (LLNR 21560) Change the name to Garden Island Buoy “2” (LLNR 21560)
Squaw Island Shoal Buoy “1” (LLNR 21565) Change the name to Garden Island Buoy “1” (LLNR 21565)  
LNM: 18/22

GREEN BAY – LITTLE BAY DE NOC – CHART 14915
Squaw Point Lighted Buoy “12” (LLNR 14915) Change the name to Little Bay De Noc Lighted Buoy “12” (LLNR 21690)  
LNM: 18/22

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.  
LNM: 10/22

MINNESOTA-ONTARIO BORDER LAKES – NAMAKAN LAKE – CHART 14994
Squaw Narrows Daybeacon “4” (LLNR 17460) Change the name to Namakan Lake Light “4” (LLNR 17460)  
LNM: 18/22

For any comments or questions on these proposed changes please contact:  
Mr. Doug Sharp of the Ninth District Aids to Navigation office at (216) 902-6070.
**SECTION VII - GENERAL**

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

**Waterways Analysis and Management System**

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

Sackets Harbor
(LLNR 1755-2024.9)
Buffalo Harbor/Black Rock Canal
(LLNR 2665-3360)
Dunkirk Harbor
(LLNR 3365-3492)
Erie Harbor
(LLNR 3495-3696)
Conneaut Harbor
(LLNR 3700-3735)
Ashtabula Harbor
(LLNR 3740-3830)
Fairport Harbor
(LLNR 3835-3955)
Cleveland Harbor
(LLNR 3975-4260)
Huron Harbor
(LLNR 4430-5455)
Erie Islands
(LLNR 5520-6025)
Detroit River / East Outer Channel
(LLNR 6885-8270)
St. Clair Rec/Belle Isle Channel
(LLNR 8280-8396)
Lake St. Clair
(LLNR 8665-9300)
Anchor Bay
(LLNR 9305-9565)
Toledo / Maumee Channel
(LLNR 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)
Straits of Mackinaw Western Section
(LLNR 17720-17850)
(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 ERIE – OH - Ashtabula Harbor – Chart 14836

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

Buoy "1" 41-55-07.841N / 080-47-25.303W  
Buoy "2" 41-54-58.921N / 080-47-16.850W  
Buoy "3" 41-54-58.801N / 080-47-14.290W  
Buoy "4" 41-54-56.304N / 080-47-14.726W  
Buoy "5" 41-54-56.307N / 080-47-11.234W  
Buoy "6" 41-54-58.474N / 080-47-02.054W

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

LAKE ERIE – Western Basin – Chart 14839

From 92 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.

LAKE 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.

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 Luedtke can be contacted on VHF channels 10, 16, and 19. All mariners are requested to transit the area with caution.
LAKE HURON – MI – Saginaw River – Chart 14867

LNM: 13/22

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.

LNM: 09/21

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.

LNM: 06/22

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: 18/22

LAKE MICHIGAN – WI – South Milwaukee – Chart 14924- Hazard to Navigation
The South Milwaukee Yacht Club will be secured for the season until spring 2022 due to the shoaling at the harbor entrance jetty, creating a hazard to navigation. Two day boards are marking the entrance. All mariners are requested to transit the area with caution. For further questions, please contact Sector Lake Michigan at (414) 474-7182 or VIA VHF channel 16.

LNM: 40/21

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 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 - MI – Marquette - Chart 14970
Commencing 25 Apr 2021 until further notice, all mariners are advised to use caution while transiting in the vicinity of Presque Isle Marine, in Marquette, MI while marine contractor operations are happening. Six lighted buoys have been temporary established around the work area.

LNM: 16/21

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°11'40.4"W then north up to 46°41'37.7"N 92°11'54.4"W and down 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

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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### SECTION VIII - LIGHT LIST CORRECTIONS (Continued)

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<tbody>
<tr>
<td>20925</td>
<td>TWO RIVERS NORTH PIERHEAD LIGHT</td>
<td>44-08-33.690N 087-33-38.532W</td>
<td>Fl R 2.5s</td>
<td>34</td>
<td>12</td>
<td>White cylindrical tower with red band.</td>
<td>HORN: 1 blast ev 15s (2s bl). Operates by keying microphone five times on VHF-FM Ch. 83A. LNM: 18/22</td>
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<tr>
<td>20937</td>
<td>Manitowoc NOAA Weather Wave Buoy 1</td>
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### ENCLOSURES

1. **LNM Section I - Special Notices**
   - Great Lakes Water Levels
     - LNM: 06/22

2. **LNM Section II - Discrepancies**
   - N/A
     - LNM: 19/19

3. **LNM Section III - Temporary Changes and Temporary Changes Corrected**
   - N/A
     - LNM: 19/19

4. **LNM Section IV - Chart Corrections**
   - N/A
     - LNM: 19/19

5. **LNM Section V - Advance Notices**
   - N/A
     - LNM: 19/19

6. **LNM Section VI - Proposed Changes**
   - N/A
     - LNM: 19/19

7. **LNM Section VII - General**
   - Marine Events
   - Current Ninth District Bridge Maintenance/Activities
   - Waterway Analysis and Management System Survey
     - LNM: 19/19

8. **LNM Section VIII - Light List Corrections**
   - N/A
     - LNM: 19/19

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

### WATER LEVELS AND DEPTHS

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

<table>
<thead>
<tr>
<th>Forecast Point</th>
<th>Low Water Datum</th>
<th>Expected Levels (inches above or below Low Water Datum,0)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>IGLD 1985</td>
<td>Current 29-Apr 6-May 13-May 20-May 27-May</td>
</tr>
<tr>
<td><strong>GREAT LAKES</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Lake Ontario</td>
<td>243.3</td>
<td>41 41 41 41 42</td>
</tr>
<tr>
<td>Lake Erie</td>
<td>569.2</td>
<td>44 44 44 45 45</td>
</tr>
<tr>
<td>Lake St. Clair</td>
<td>572.3</td>
<td>40 40 41 41 42</td>
</tr>
<tr>
<td>Lake Michigan-Huron</td>
<td>577.5</td>
<td>28 29 29 30 31</td>
</tr>
<tr>
<td>Lake Superior</td>
<td>601.1</td>
<td>5 6 7 8 9</td>
</tr>
<tr>
<td><strong>ST. LAWRENCE RIVER</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Above Long Sault Dam</td>
<td>237.9</td>
<td>38 34 23 25 25</td>
</tr>
<tr>
<td>Above Iroquois Dam</td>
<td>240.3</td>
<td>37 34 26 37 28</td>
</tr>
<tr>
<td>Ogdensburg</td>
<td>242.4</td>
<td>40 39 35 36 36</td>
</tr>
<tr>
<td>Alexandria Bay</td>
<td>243.0</td>
<td>40 40 39 39 40</td>
</tr>
<tr>
<td>Head of river at Cape Vincent</td>
<td>243.3</td>
<td>41 41 41 41 41</td>
</tr>
<tr>
<td><strong>DETROIT RIVER</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Lake Erie at Pelee Passage</td>
<td>569.2</td>
<td>44 44 44 45 45</td>
</tr>
<tr>
<td>Mouth of River at Gibraltar</td>
<td>569.5</td>
<td>44 45 45 45 45</td>
</tr>
<tr>
<td>Fort Wayne</td>
<td>571.1</td>
<td>44 45 45 46 46</td>
</tr>
<tr>
<td>Head of River above Belle Isle</td>
<td>572.0</td>
<td>41 41 42 43 43</td>
</tr>
<tr>
<td><strong>ST. CLAIR FLATS</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Mouth of River at St. Clair Flats</td>
<td>572.3</td>
<td>40 40 41 41 42</td>
</tr>
<tr>
<td>Algonac</td>
<td>572.8</td>
<td>42 43 43 44 45</td>
</tr>
<tr>
<td>St. Clair</td>
<td>574.4</td>
<td>35 35 36 36 37</td>
</tr>
<tr>
<td>Blue Water Bridge</td>
<td>576.2</td>
<td>34 35 36 36 37</td>
</tr>
<tr>
<td>Head of River at Fort Gratiot</td>
<td>577.2</td>
<td>30 31 32 32 33</td>
</tr>
<tr>
<td>Lake Huron Approach Channel</td>
<td>577.5</td>
<td>28 29 29 30 31</td>
</tr>
<tr>
<td><strong>ST. MARYS RIVER</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Mouth of River at Detour</td>
<td>577.5</td>
<td>28 29 29 30 31</td>
</tr>
<tr>
<td>West and Middle Neebish</td>
<td>577.8</td>
<td>24 24 25 25 27</td>
</tr>
<tr>
<td>Head of Little Rapids</td>
<td>578.4</td>
<td>20 21 21 22 23</td>
</tr>
<tr>
<td>U.S. Slip</td>
<td>578.7</td>
<td>17 18 19 19 21</td>
</tr>
<tr>
<td>Above Locks</td>
<td>600.4</td>
<td>10 11 12 13 14</td>
</tr>
<tr>
<td>Head of River at Point Iroquois</td>
<td>601.1</td>
<td>5 6 7 8 9</td>
</tr>
</tbody>
</table>

### UNDERSTANDING THE FORECAST

Available water depth is determined for a location by adding (+) or subtracting (-) the amount from the above table to the appropriate channel depth shown in the profile Connecting Channel Depths Graphic or to water depths shown on National Oceanic and Atmospheric Administration (NOAA) navigational charts.

### CAUTION

 Depths so determined are representative of a still water surface elevation, disturbed by neither wind nor other causes. Depths, however, may be reduced or increased as much as several feet for short periods due to these disturbances, or when sections of channels develop shoals. Vessel masters should refer to "Local Notice to Mariners" for extent of shoaling and scattered bedrock projections in all channels. Ice conditions can have a dramatic impact on actual channel depth and can lead to large short-term water level fluctuations. Ice information can be found at the National Ice Center’s website.

### FOR FURTHER INFORMATION CONTACT:

Detroit District Corps of Engineers
477 Michigan Avenue
Detroit MI, 48226
1-888-694-8318 ex. 1
email: hhpm@usace.army.mil

### FOR MORE INFORMATION VISIT:

Detroit District Great Lakes Homepage
International Joint Commission
Great Lakes Information Network
NOAA Tides and Currents
U.S. Coast Guard - District 9

### WATER LEVEL INFORMATION SUPPLIED BY:

NOAA, National Ocean Service
SSMC4, STATION 7523
1305 East-West Hwy
Silver Spring, MD 20910-3233
(301) 713-2902
GREAT LAKES-MARINE EVENT-SAFETY ZONES-SECURITY ZONES

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

<table>
<thead>
<tr>
<th>Location</th>
<th>Name of Event</th>
<th>Date / Time</th>
<th>POC</th>
<th>Tel #</th>
</tr>
</thead>
<tbody>
<tr>
<td>LAKE ONTARIO</td>
<td>Memorial Day Fleet Review</td>
<td>29-May-22</td>
<td>Matt Sanderson</td>
<td>585-519-7102</td>
</tr>
<tr>
<td>Rochester, NY</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Buffalo, NY</td>
<td>John Bennett Regatta</td>
<td>7-May-22</td>
<td>Miles Schwartz</td>
<td>609-780-5561</td>
</tr>
<tr>
<td>Buffalo, NY</td>
<td>Buffalo Harbor Sailing Club-Racing Season</td>
<td>5/17/2022 to 9/28/2022</td>
<td>Gregory Toole</td>
<td>917-993-2976</td>
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<tr>
<td>Buffalo, NY</td>
<td>Fontana All-High Regatta</td>
<td>30-May-22</td>
<td>Miles Schwartz</td>
<td>609-780-5561</td>
</tr>
<tr>
<td>DETROIT RIVER</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>N/A</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>LAKE ST. CLAIR/St. Clair River</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>N/A</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>LAKE HURON</td>
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</tr>
<tr>
<td>N/A</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>LAKE MICHIGAN &amp; Green Bay</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Muskegon, MI</td>
<td>Muskegon Yacht Club - Wednesday Night Racing Series</td>
<td>each Wed. May 5 - Oct 12, 2022</td>
<td>MSTC Sherrill</td>
<td>414-747-7148</td>
</tr>
<tr>
<td>Sheboygan, WI</td>
<td>Rockets for Schools Educational Event - Safety Zone</td>
<td>May 7, 2022</td>
<td>MSTC Sherrill</td>
<td>414-747-7148</td>
</tr>
<tr>
<td>Muskegon, MI</td>
<td>Fireworks</td>
<td>May 14, 2022</td>
<td>MSTC Sherrill</td>
<td>414-747-7148</td>
</tr>
<tr>
<td>Fruitport, MI</td>
<td>Fireworks</td>
<td>May 27 &amp; May 29, 2022</td>
<td>MSTC Sherrill</td>
<td>414-747-7148</td>
</tr>
<tr>
<td>Sturgeon Bay, WI</td>
<td>Graduate Boat Parade - Safety Zone</td>
<td>May 28, 2022</td>
<td>MSTC Sherrill</td>
<td>414-747-7148</td>
</tr>
<tr>
<td>De Pere, WI</td>
<td>Fireworks</td>
<td>May 29, 2022</td>
<td>MSTC Sherrill</td>
<td>414-747-7148</td>
</tr>
<tr>
<td>LAKE SUPERIOR</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>N/A</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
CURRENT NINTH DISTRICT BRIDGE MAINTENANCE/ACTIVITIES
Week [18/22]

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

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

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

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

NOTES:

ACTIVE BROADCAST NOTICE TO MARINERS (BNM)

SAFETY BCST PLUS SKED BCST UNTIL 062200Z MAY 22
U.S.C.G. NINTH DISTRICT NOTICE TO MARINERS C046-22
OH - LAKE ERIE - TOLEDO HARBOR
THE COAST GUARD HAS RECEIVED A REPORT THAT THE NEW TRAFFIC GATES HAVE BEEN STRUCK AGAIN AT THE MARTIN LUTHER KING JR BRIDGE AT MILE 4.30. THE BRIDGE REQUIRES A 2-HOUR ADVANCE NOTICE TO GET PERSONAL TO THE BRIDGE TO STOP TRAFFIC BEFORE OPENING THE BRIDGE. MARINERS SHOULD PROVIDE ADVANCE NOTICE DIRECTLY TO THE DRAWTENDER.

SAFETY BCST PLUS SKED BCST UNTIL 042200Z MAY 22
U.S.C.G. NINTH DISTRICT NOTICE TO MARINERS C047-22
WI- LAKE MICHIGAN - GREEN BAY
FROM MAY 1, 2021 THROUGH SEPTEMBER 1, 2022 SCAFFOLDING THAT HANGS APPROXIMATELY 3-FEET BELOW LOW STEEL WILL BE INSTALLED UNDER THE TOWER DRIVER / LEO FRIGO BRIDGE AT MILE 0.41 OVER THE FOX RIVER.
SAFETY BCST PLUS SKED BCST UNTIL 032100Z MAY 22
U.S.C.G. NINTH DISTRICT NOTICE TO MARINERS C048-22
WI - LAKE MICHIGAN - STURGEON BAY SHIP CANAL
FROM MAY 2 THROUGH MAY 3, 2022, BETWEEN THE HOURS OF 0700 AND 1600, THE MICHIGAN STREET BRIDGE AT MILE 4.3 OVER THE STURGEON BAY SHIP CANAL, WILL REQUIRE A 4-HOUR ADVANCE NOTICE FOR OPENING. MARINERS SHOULD PROVIDE ADVANCE NOTICE DIRECTLY TO THE DRAWTENDER.

SAFETY BCST PLUS SKED BCST UNTIL 042200Z MAY 22
U.S.C.G. NINTH DISTRICT NOTICE TO MARINERS C049-22
NY - NEW YORK BARGE CANAL SYSTEM
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, AND THE E236A LOCKPORT BYPASS ROAD BRIDGE AT MILE 322.16 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.

SAFETY BCST PLUS SKED BCST UNTIL 112030Z MAY 22
U.S.C.G. NINTH DISTRICT NOTICE TO MARINERS C050-22
ON MAY 11, 2022 BETWEEN THE HOURS OF 0600 TO 1630, 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.

SAFETY BCST PLUS SKED BCST UNTIL 052100Z MAY 22
U.S.C.G. NINTH DISTRICT NOTICE TO MARINERS C051-22
WI - LAKE MICHIGAN - STURGEON BAY SHIP CANAL
FROM MAY 4 THROUGH MAY 5, 2022, BETWEEN THE HOURS OF 0700 AND 1600, THE MAPLE -OREGON STREET BRIDGE AT MILE 4.17 OVER THE STURGEON BAY SHIP CANAL, WILL BE SECURED TO MASTED NAVIGATION. VESSELS ABLE TO PASS UNDER THE BRIDGE WITHOUT AN OPENING MAY DO SO AT ANY TIME.
SAFETY BCST PLUS SKED BCST UNTIL 092200Z MAY 22
U.S.C.G. NINTH DISTRICT NOTICE TO MARINERS C052-22

NY - NEW YORK BARGE CANAL SYSTEM


SAFETY BCST PLUS SKED BCST UNTIL 092200Z MAY 22
U.S.C.G. NINTH DISTRICT NOTICE TO MARINERS C053-22

OH - LAKE ERIE - TOLEDO HARBOR


SAFETY BCST PLUS SKED BCST UNTIL 152000Z MAY 22
U.S.C.G. NINTH DISTRICT NOTICE TO MARINERS C054-22

WI- LAKE MICHIGAN - GREEN BAY

FROM 0500 TO 1500 ON MAY 15, 2022 THE TILLEMAN MEMORIAL BRIDGE AT MILE 2.27 OVER THE FOX RIVER WILL BE SECURED TO MASTED NAVIGATION IN CONJUNCTION WITH THE CELLCOM GREEN BAY MARATHON. VESSELS ABLE TO PASS UNDER THE BRIDGE WITHOUT AN OPENING MAY DO SO AT ANY TIME.

SAFETY BCST PLUS SKED BCST UNTIL 172200Z MAY 22
U.S.C.G. NINTH DISTRICT NOTICE TO MARINERS C055-22

NY - NEW YORK BARGE CANAL SYSTEM

SAFETY BCST PLUS SKED BCST UNTIL 142000Z MAY 22

U.S.C.G. NINTH DISTRICT NOTICE TO MARINERS C056-22
MI - LAKE MICHIGAN - ST JOSEPH RIVER
ON MAY 14, 2022 BETWEEN THE HOURS OF 1000 AND 1600, THE TWIN CITIES BICENTENNIAL BRIDGE AT MILE 1.30 OVER THE SAINT JOSEPH RIVER WILL BE SECURED TO MASTED NAVIGATION. VESSELS ABLE TO PASS UNDER THE BRIDGE WITHOUT AN OPENING MAY DO SO AT ANY TIME.

2021 FEDERAL REGULATIONS DOCKET STATUS
USCG-2022-0237 - TD – Keweenaw Waterway - Pending Signature
USCG-2022-0303- NPRM – Michigan City Amtrak Remote Ops - Pending internal review

ACTIVE LOCAL NOTICE TO MARINERS (LNM)

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

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

NEW YORK STATE CANAL SYSTEM – NY - Erie Canal – Chart 14786 – Bridge Maintenance From 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 – Proposed Bridge Construction The U. S. Coast Guard is requesting mariner and public input regarding the proposed construction of the Brockport Loop Pedestrian Bridge over Mile 279.81 of the Erie Canal, City of Brockport, Monroe County, New York. The proposed bridge is a fixed pedestrian bridge which will be constructed immediately west of the Brockport Guard Gate, Guard Gate 12, in Brockport, Monroe County, New York. It will have a vertical clearance of 16.30-feet available at low steel with 18.48-feet available at the center. Two navigation channels, one on each side of the center pier, would each offer 55.00-feet of horizontal clearance, matching and maintaining the established horizontal clearance of the Brockport Gate. The complete public notice including a map of the location, and plans for the proposed bridge can be viewed and printed from the U.S. Coast Guard Navigation Center’s web site https://www.navcen.uscg.gov/D9BN, or by calling, emailing or mailing a request to the Coast Guard project manager, Mr. Michael Walker, Commander (dpb), Ninth Coast Guard District, 1240 E. 9th St., Room 2047, Cleveland, OH 44199, (216) 902-6087, or michael.o.walker2@uscg.mil. Comments received will be made part of the case record until **May 8, 2022**. [14/22]

NEW YORK CANAL – NY – Erie Canal – Chart 14791 – Proposed Bridge Construction The U. S. Coast Guard is requesting mariner and public input regarding the proposed construction of the Black Diamond Trail Pedestrian Bridge over Mile 1.9 of the Cayuga Inlet, City of Ithaca, Tompkins County, New York. The proposed structure is a fixed pedestrian bridge which will have a vertical clearance of 8.70-feet at low steel with 9.70-feet available at the center and a horizontal clearance of 157.00-feet. The complete public notice including a map of the location, and plans for the proposed bridge can be viewed and printed from the U.S. Coast Guard Navigation Center’s web site https://www.navcen.uscg.gov/D9BN, or by calling, emailing or mailing a request to the Coast Guard project manager, Mr. Michael Walker, Commander (dpb), Ninth Coast Guard District, 1240 E. 9th St., Room 2047, Cleveland, OH 44199, (216) 902-6087, or michael.o.walker2@uscg.mil. Comments received will be made part of the case record until **May 6, 2022**. [14/22]
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, and the E236A Lockport Bypass Road Bridge at Mile 322.16 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.

[15/22]

LAKE ONTARIO

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

[41/21]

LAKE ERIE - MAHONING RIVER - NIAGARA RIVER- ALLEGHENY RIVER

*****REVISED*****

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

[26/19]  [21/20]

LAKE ERIE – OH – Ashtabula – Chart 14836 – Bridge Contacts
The Norfolk Southern Railroad Bridge at Mile 1.5 over the Ashtabula River is remotely operated and will open on horn signal, or by calling on VHF-FM Marine Channel 16, or by calling: 404-877-9698, or 404-877-9699, or texting 717-514-0643.

[40/21]

LAKE ERIE – OH – Cleveland Harbor – Chart 14839 - Bridge Special Event
On **October 8, 2022** between the hours of 0700 and 1400 the Carter Road Bridge at Mile 2.43 over the Cuyahoga River will be secured to masted navigation in conjunction with the Towpath Marathon event. Vessels able to pass under the bridge without an opening may do so at any time.

[46/21]

LAKE ERIE – OH – Toledo Harbor – Chart 14847 – Bridge Special Event
On **July 4, 2022** between the hours of 0750 and 0900, Craig Memorial Bridge at Mile 3.30 over the Maumee River will be secured to masted navigation in conjunction with the Annual 10K run event. Vessels able to pass under the bridge without an opening may do so at any time.

[52/21]

LAKE ERIE – NY – Buffalo Harbor – Chart 14833 – Bridge Maintenance
From March 21 through **August 30, 2022** between the hours of 0700 and 1600, Monday through Sunday, you are authorized to utilize two barges 40-foot by 10-foot at the Niagara Street Bridge at the mouth of Scajaquada Creek. A 20-foot navigation channel will be maintained for vessels to pass through the work area.

[06/22]

LAKE ERIE – OH – Cleveland Harbor – Chart 14839 – Bridge Maintenance
On May 16 and again on **May 23, 2022** between the hours of 0600 and 1600 each day the Norfolk Southern Railroad Bridge at Mile 0.76 over the Cuyahoga River will be secured to masted navigation. Vessels able to
pass under the bridge without an opening may do so at any time.

[12/22]

**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]

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

*****REVISED*****

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

[47/20] [07/22]

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

[10/22]

**LAKE HURON**

**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 – MI – St Joseph – Chart 14930 – Bridge Special Event**

On **May 14, 2022** between the hours of 1000 and 1600, the Twin Cities Bicentennial Bridge at Mile 1.30 over the Saint Joseph River will be secured to masted navigation. Vessels able to pass under the bridge without an opening may do so at any time.

[12/22]

**LAKE MICHIGAN – 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**

**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]

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

(Lake Michigan to Mile 36.2/291.1)
LAKE MICHIGAN – IL – Chicago Sanitary and Ship Canal – Chart 14927 - Bridge Maintenance
From March 21 through June 3, 2022, between the hours of 0700 and 1530, Monday through Friday, a 125-foot by 35-foot barge will be working at the South Cicero Avenue Bridge at Mile 10.0 (CORPS MILE 317.3) over the Chicago Sanitary and Ship Canal. The bare will monitor VHF-FM Marine Channel 16 and will move if a 1-hour advance notice is provided.
[10/22]

LAKE MICHIGAN – IL – Chicago Sanitary and Ship Canal – Chart 14927 - Bridge Inspection
On April 25 and April 26, 2022, between the hours of 0900 and 1500 each day, Inspectors will utilize Snooper and TMA vehicles under the IL-43 South Harlem Avenue Bridge at Mile 13.3 (CORPS MILE 314.0) over the Chicago Sanitary and Ship Canal. Spotters will warn of approaching vessels and move the man lift to allow vessel to pass.
[17/22]

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 June 23 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 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 – 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.  

[45/21]

LAKE MICHIGAN – WI – Fox River – Chart 14918 – Bridge Special Event
From 0500 to 1500 on May 15, 2022 the Tilleman Memorial Bridge at Mile 2.27 over the Fox River will be secured to masted navigation in conjunction with the Cellcom Green Bay Marathon. Vessels able to pass under the bridge without an opening may do so at any time.  

[09/22]

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

[09/22]

*****REVISED*****

LAKE MICHIGAN – WI – Fox River – Chart 14916- Bridge Construction
From October 29, 2020 through August 31, 2022, between the hours of 0700 to 2200, Monday through Friday, eight barges, 80-feet by 70-feet or smaller, will be used to construct the Racine Street Bridge at Mile 37.91 over the Fox River at Menasha. The old bridge has been removed. The temporary bridge over the slip near the George Banta Dock will continue to remain through the summer for temporary access. A 20-foot channel will be maintained for vessels through the construction area, between pier 4 and the south bascule pier until the bascule spans have been constructed and installed. Steady burning red lights will mark the temporary channel for vessels to pass through the construction area. Cranes in the drawspan will move if a 12-hour advance notice is provided by calling: 920-224-2068 or 920-450-4987  

[43/20] [10/22] [18/22]

LAKE MICHIGAN – WI – Fox River – Chart 14916- Bridge Construction
From 0600 on May 4 to 0600 on May 6, 2022, tracks will be placed across the top of the opening known as the
south span of the Racine Street Bridge at Mile 37.91 over the Fox River to accommodate the concrete finisher.

[18/22]

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

[11/22]

LAKE MICHIGAN – WI – Sturgeon Bay Ship Canal – Chart 14919 – Bridge Maintenance
From May 4 through May 5, 2022, between the hours of 0700 and 1600, the Maple-Oregon Street Bridge at Mile 4.17 over the Sturgeon Bay Ship Canal, will be secured to masted navigation. Vessels able to pass under the bridge without an opening may do so at any time.

[11/22]

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

[12/22]

LAKE MICHIGAN – WI – Fox River – Chart 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 Lee.D.Soule@uscg.mil. Comments and related material must reach the Coast Guard on or before May 31, 2022

[15/22]

LAKE SUPERIOR

LAKE SUPERIOR – MI – Keweenaw Waterway – Chart 14972- Bridge Maintenance
From April 19 through May 13, 2022, between the hours of midnight and 0400 daily, the US 41 Bridge at Mile 16 over the Keweenaw Waterway will be in the fully closed position and will require a 2-hour advance notice for openings. Mariners should provide advance notice directly to the drawtender.

[16/22]

RAINY LAKE, RAINY RIVER, LAKE OF THE WOODS, WISCONSIN RIVER, MISSISSIPPI RIVER, & RED RIVER OF THE NORTH
PUBLIC NOTICE 09-02-22

All interested parties are herein notified that the Commander, Ninth Coast Guard District, has received application materials dated 01 December 2021 from the New York State Canal Corporation (NYSCC) for approval of location and plans for the construction of a bridge over a navigable waterway of the United States.

WATERWAY AND LOCATION: Brockport Loop Pedestrian Bridge, Mile 279.81 on the Erie Canal, Brockport, Monroe County, New York.

CHARACTER OF WORK: The proposed structure would be new construction at this location. NYSCC proposes to construct a fixed pedestrian bridge immediately west of Guard Gate 12, also known as the Brockport Guard Gate, at the waterway and location specified above. The proposed structure will connect the Empire State Trail to the north with Commissary Park to the south. Construction is tentatively scheduled to begin summer of 2022. Any in-water work performed during the navigation season would be coordinated with the Coast Guard. This project will be solely funded by the New York Power Authority.

MINIMUM NAVIGATIONAL CLEARANCES:

The proposed new bridge will have clearances as described in the table below. These clearances do not change current clearances over this section of the waterway at or near this mile.

<table>
<thead>
<tr>
<th></th>
<th>Proposed</th>
</tr>
</thead>
<tbody>
<tr>
<td>Vertical</td>
<td>16.30-feet at low steel with 18.48-feet available at the center.</td>
</tr>
<tr>
<td>Horizontal</td>
<td>55.00-feet on each side of center pier of bridge.</td>
</tr>
</tbody>
</table>

(All Elevations are referenced to Barge Canal Datum or BCD)

ENVIRONMENTAL CONSIDERATIONS:

The Coast Guard, as the lead Federal agency, has tentatively determined that the bridge construction warrants a categorical exclusion for the purposes of the National Environmental Policy Act (NEPA) because it satisfies criteria for such actions listed in the Coast Guard’s NEPA Implementing Instructions. Documents are available for review at the above address, Monday through Friday, 8:00 a.m. to 2:00 p.m. or by contacting the Coast Guard point of contact below.

A water quality certification in accordance with Section 401 of the Clean Water Act, as amended is pending (Section 401 WQC). On 16 December 2021, NYSCC submitted a joint application to both the New York Department of Environmental Conservation (NYSDEC) for a Section 401 WQC, the U.S. Army Corps of Engineers (USACE) for a determination under Section 404 of the Clean Water Act and Section 10 of the Rivers and Harbors Act, the New York State Office of General Services for a determination regarding work on state-owned lands under water, and the New York State Department of State (NYSOS) for general consistency concurrence.
NYSCE’s application indicates that the proposed bridge will not adversely affect any known wetland. The Coast Guard defers to USACE regarding wetlands impact determinations. Any questions or comments regarding the USACE’s permits or determinations may be directed to the following:

Mr. Joseph M. Rowley  
USACE-Buffalo District  
Regulatory Branch  
1776 Niagara St.  
Buffalo, NY 14207  
Joseph.m.rowley@usace.army.mil

A determination by NYSDOS pends as to whether the project is located in an area covered by New York’s federally-approved Coastal Zone Management Plan (CZMP)

The bridge is located in a base floodplain. The 100-year flood elevation is 513.39-feet. The low-member member of the navigation span is at an elevation of 529.69-feet (BCD). Approximately 500 cubic yards of temporary fill will be used as a berm to assist construction during the winter navigation season, and about 66 cubic yards of fill material will be placed permanently in the waterway to facilitate construction of the center pier and outlet structures.

On April 29, 2021 and September 20, 2021, the United States Fish and Wildlife Service (USFWS) New York Ecological Services Office indicated that no threatened, endangered, or candidate species would likely be affected by the project as proposed.

On May 4, 2021, the New York Power Authority conducted a New York State threatened and endangered species check for the project area. This identified the potential presence of NYS imperiled mussels in the Erie Canal. A mussel survey is pending.

In a letter dated 13 December 2021, the New York State Historic Preservation Office (SHPO) stated that while the project is adjacent to Guard Gate 12 – a designated National Historic Landmark – the proposed bridge would have No Adverse Effect on historic or archaeological resources as described in Section 106 of the National Historic Preservation Act of 1966.

SOLICITATION OF COMMENTS:

Mariners are requested to comment on the proposed navigation clearances, placement of a bridge protective system and other navigational safety issues, including need for clearance gauges and extent of nighttime navigation to determine the need for bridge lighting.

Interested parties are requested to express their views, in writing, on the proposed bridge project including any potential impacts to navigation, the environment, or minority and/or low income populations, giving sufficient detail to establish a clear understanding of the reasons for support of, or opposition to, the proposed work. Comments will be received for the record at the address noted in the header or via email to michael.o.walker2@uscg.mil through 08 May 2022.

Map of the location and plans are attached.

W. B. STANIFER  
Chief, Bridge Branch  
U.S. Coast Guard  
By Direction
EXISTING BROCKPORT GUARD GATE MILE POST E-279.80 IN ERIE CANAL

PROPOSED PEDESTRIAN BRIDGE AT BROCKPORT GUARD GATE AT MILE POST E-279.81 IN ERIE CANAL

NEW YORK STATE BARGE CANAL HISTORIC DISTRICT

EXISTING BROCKPORT GUARD GATE MILE POST E-279.80 IN ERIE CANAL

NEW YORK STATE BARGE CANAL HISTORIC DISTRICT

ERE CANAL (NYS BARGE CANAL)

EXISTING BROCKPORT GUARD GATE MILE POST E-279.80 IN ERIE CANAL

NEW YORK STATE BARGE CANAL HISTORIC DISTRICT

ERE CANAL (NYS BARGE CANAL)

EXISTING BROCKPORT GUARD GATE MILE POST E-279.80 IN ERIE CANAL

NEW YORK STATE BARGE CANAL HISTORIC DISTRICT

ERE CANAL (NYS BARGE CANAL)
NOTES:
1. PIER 0 DESIGNED IN ACCORDANCE WITH AASHTO LRFD BRIDGE DESIGN SPECIFICATIONS, 9TH EDITION, VESSEL COLLISION PER ARTICLE 3.14 WITH AN OPERATIONAL CLASSIFICATION OF "TYPICAL." THE LARGEST DESIGN VESSEL IS A 27FT X 60FT COLONIAL BELLE WITH GROSS TONNAGE = 34 TONS, NET TONNAGE = 23 TONS AND ASSUMED DWT = 57 TONS.
2. ALL ELEVATIONS ARE PROVIDED IN BARGE CANAL DATUM.
3. THE 100 YEAR FLOOD WATER ELEVATION IS LESS OR EQUAL TO THE MAX. NAVIGATION POOL ELEVATION.
4. MAXIMUM EXTENT OF TEMPORARY BERM IN PLACE DURING WINTER NAVIGATION SEASON NOV 2022 TO APR 2023 AND NOV 2023 TO APR 2024. SEE SECTION 3 ON SHEET 4 AND TEMP FILL QUANTITY TABLE FOR ADDITIONAL DETAILS.

DATE: 3/31/2022

NEW YORK STATE CANAL CORPORATION

CONCEPTUAL PLANS UTILIZED TO OBTAIN A COAST GUARD PERMIT

PEDESTRIAN BRIDGE AT BROCKPORT GUARD GATE

LOCATION OF PROJECT
MILE POST E-279.81 ON ERIE CANAL IN BROCKPORT, MONROE COUNTY, NY

TITLE OF DRAWING
STRUCTURAL GENERAL PLAN

ARUP
NOTES:
1. PIER 0 DESIGNED IN ACCORDANCE WITH AASHTO LRFD BRIDGE DESIGN SPECIFICATIONS, 9TH EDITION, VESSEL COLLISION PER ARTICLE 3.14 WITH AN OPERATIONAL CLASSIFICATION OF "TYPICAL." THE LARGEST DESIGN VESSEL IS A 27FT X 60FT COLONIAL BELLE WITH GROSS TONNAGE = 34 TONS, NET TONNAGE = 23 TONS AND ASSUMED DWT = 57 TONS.
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PERMANENT EXCAVATION/FILL QUANTITIES (BELOW OHWL)

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<td>STRUCTURE CONCRETE FILL</td>
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<tr>
<td>STORM DRAIN OUTFALL 1</td>
<td>EXISTING ROCK REMOVAL</td>
<td>7</td>
</tr>
<tr>
<td>STORM DRAIN OUTFALL 1</td>
<td>MEDIUM STONE RIP-RAP FILL</td>
<td>7</td>
</tr>
<tr>
<td>STORM DRAIN OUTFALL 2</td>
<td>EXISTING ROCK REMOVAL</td>
<td>9</td>
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<tr>
<td>STORM DRAIN OUTFALL 2</td>
<td>MEDIUM STONE RIP-RAP FILL</td>
<td>9</td>
</tr>
</tbody>
</table>

TEMPORARY EXCAVATION/FILL QUANTITIES (BELOW OHWL)

<table>
<thead>
<tr>
<th>LOCATION</th>
<th>FILL TYPE</th>
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<th>VOLUME (CY)</th>
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<tbody>
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<td>PIER 0</td>
<td>CONCRETE FILL</td>
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<td>500</td>
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</table>

NOTE: A MEMBRANE (PLASTIC SHEET, TARP, OR OTHER SIMILAR MATERIAL) WITH SANDBAGS, MAY OR MAY NOT BE USED ALONG THE UPSTREAM FACE TO MINIMIZE SEEPAGE INTO THE WORK AREA.

TEMPORARY BERM - NYSCC APPROVED COFFER DAM

NOTE: A MEMBRANE (PLASTIC SHEET, TARP, OR OTHER SIMILAR MATERIAL) WITH SANDBAGS, MAY OR MAY NOT BE USED ALONG THE UPSTREAM FACE TO MINIMIZE SEEPAGE INTO THE WORK AREA.

NEW YORK STATE CANAL CORPORATION

PEDESTRIAN BRIDGE AT BROCKPORT GUARD GATE

MILE POST E-279.81 ON ERIE CANAL IN BROCKPORT, MONROE COUNTY, NY

DATE: 3/31/2022

ARUP

STRUCTURAL
GENERAL ELEVATION

SHEET 4 OF 4

NOTES:
1. PIER 0 DESIGNED IN ACCORDANCE WITH AASHTO LRFD BRIDGE DESIGN SPECIFICATIONS, 9TH EDITION, VESSEL COLLISION PER ARTICLE 3.14 WITH AN OPERATIONAL CLASSIFICATION OF "TYPICAL". THE LARGEST DESIGN VESSEL IS A 27FT X 60FT COLONIAL BELLE WITH GROSS TONNAGE = 34 TONS, NET TONNAGE = 23 TONS AND ASSUMED DWT = 57 TONS.
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4. MAXIMUM EXTENT OF TEMPORARY BERM IN PLACE DURING WINTER NAVIGATION SEASON NOV 2022 TO APR 2023 AND NOV 2023 TO APR 2024, SEE SECTION 3 ON SHEET 4 AND TEMPFILL QUANTITY TABLE FOR ADDITIONAL DETAILS.
(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)
PUBLIC NOTICE 09-01-22

All interested parties are herein notified that the Commander, Ninth Coast Guard District, has received application materials dated 6 August 2021 from the City of Ithaca, New York for approval of location and plans for the construction of a bridge over a navigable waterway of the United States.

WATERWAY AND LOCATION: Black Diamond Trail Pedestrian Bridge, Mile 1.9 on the Cayuga Inlet, City of Ithaca, Tompkins County, New York.

CHARACTER OF WORK: The proposed structure would be a new construction at this location. The City of Ithaca proposes to construct a fixed pedestrian bridge at the waterway and location specified above. The proposed bridge would be 198.25-feet long face-to-face of abutments, have an out-to-out width of 13.67 feet, and clearances as noted below. The proposed project aims to facilitate the connection of the Waterfront Trail and Black Diamond Trail as part of an overall effort to create over 120 miles of continuous pedestrian and biking trails as the Cayuga Lake Blueway Trail. Anticipated in-water work includes the installation of cofferdams and their dewatering to construct new abutments. Any in-water work performed during the navigation season would be coordinated with the Coast Guard. This project will be funded with approximately 80% federal funds and 20% local funds.

MINIMUM NAVIGATIONAL CLEARANCES:

The proposed new bridge will have clearances as described in the table below.

<table>
<thead>
<tr>
<th>Vertical</th>
<th>Proposed</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>8.70-feet at low steel with 9.70-feet available at the center</td>
</tr>
<tr>
<td>Horizontal</td>
<td>157.00-feet</td>
</tr>
</tbody>
</table>

Datum: All Elevations are referenced to Low Water Datum, Lake Erie, Elevation 380.84, International Great Lakes Datum of 1985 (IGLD 85).

ENVIRONMENTAL CONSIDERATIONS:

The Federal Highway Administration (FHWA) is the lead Federal agency for satisfying the requirements of the National Environmental Policy Act (NEPA). The FHWA is acting on behalf of the U.S. Coast Guard for all environmental control laws. A Categorical Exclusion was issued by FHWA on 21 March 2021, pursuant to NEPA, as amended. The U.S. Guard has tentatively determined that the proposed action will not have a significant impact for the purposes of NEPA.
A water quality certification in accordance with Section 401 of the Clean Water Act as amended is pending (Section 401 WQC). The City of Ithaca submitted a Joint Permit Application to the New York State Department of Environmental Conservation (NYSDEC) for a Section 401 WQC and the U.S. Army Corps of Engineers (USACE) for a determination under Section 404 of the Clean Water Act and Section 10 of the Rivers and Harbors Act.

The City of Ithaca’s permit application indicates that the proposed bridge will not adversely affect any known wetland. The Coast Guard defers to USACE regarding wetlands impact determinations.

The proposed bridge will be located in a base floodplain. The 100-year flood elevation is 387.84 feet and the Low Water Datum is 382.84-feet. Elevation of the low member of the navigation span is 391.54 feet. Elevations are referenced to IGLD 85 datum. Approximately 450 cubic yards of fill material will be placed in the waterway to facilitate construction of the proposed abutments and bridge approaches.

The decision as to whether to grant approval of the location and plans for the proposed action rests primarily upon the effect it has on navigation.

**SOLICITATION OF COMMENTS:**

Mariners are requested to comment on the proposed navigation clearances, placement of a bridge protective system and other navigational safety issues, including need for clearance gauges and extent of nighttime navigation to determine the need for bridge lighting. Interested parties are requested to express their views, in writing, on the proposed bridge project including its possible impacts to navigation.

We will forward comments of an environmental nature such as those regarding wildlife refuges, public parks, historic sites, wetlands, floodplain issues, air, water quality, environmental justice, etc. to FHWA. Comments will be received for the record at the address noted in the header or via email to michael.o.walker2@uscg.mil through 06 May 2022.

Map of location and plans attached.

[Signature]

W. B. STANIFER  
Chief, Bridge Branch  
U.S. Coast Guard  
By Direction
NOTES:

1. OUT-TO-OUT DIMENSION BASED ON ASSUMED 8" TOP CORD AND 8" VERTICAL MEMBERS. ACTUAL DIMENSIONS CAN VARY DEPENDING ON BRIDGE MANUFACTURER.

2. SEE BRIDGE ELEVATION SHEET FOR PROJECT-SPECIFIC WATER ELEVATIONS.

3. CONCEPTUAL PLANS UTILIZED TO OBTAIN BRIDGE PERMIT.
WATER ELEVATIONS

<table>
<thead>
<tr>
<th>LOCATION</th>
<th>ELEVATION</th>
<th>DESCRIPTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>380.84' (GOLD 85)</td>
<td>LOW WATER DATUM</td>
</tr>
<tr>
<td>2</td>
<td>387.43' (GOLD 85)</td>
<td>100 YEAR FLOOD</td>
</tr>
</tbody>
</table>

NOTES:
1. CONCEPTUAL PLANS UTILIZED TO OBTAIN BRIDGE PERMIT.
Waterway Analysis and Management System Survey

Name of Waterway: ________________________________________________

User Information

___ Commercial User
___ Recreational User

Number of years in the maritime industry or number of years using this waterway: ________________________________________________________
Number of transits in the waterway per year: _________________________
Number of night transits of waterway: ______________________________
Seasonal Dates: Start: ______________ End: _________________________
Name of Vessel: __________________________________________________

Vessel Description: _______________________________________________
Length: ___________ Beam:__________ Draft:_______ Gross Tons:______
Net Tons: _________ Bridge Height of Eye: __________________________
Cargo Carried: ____________________________

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

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

Are the floating aids to navigation (lighted and unlighted buoys) adequate for this waterway:
_________________________________________________________________
Are the fixed aids to navigation (lights, ranges, lighthouses, daybeacons) adequate for this waterway: __________________________________________

Are the year round and lighted ice buoys adequate: ____________________________

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

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

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

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

Do the nautical charts, Coast Pilot, and Light List meet your needs for this waterway: ____________________________
Are there private Aids to Navigation that you find misleading or interfere with the current system in the waterway:

Any addition comments on this waterway:

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

Commander (dpw-2)
Ninth Coast Guard District
1240 East Ninth Street
Cleveland, Ohio 44199
Hazardous Weather Outlook Extended to the Eastern Pacific Ocean

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

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

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

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


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

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

The Hazardous Weather Outlook will be extended to the Eastern Pacific