



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

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## LOCAL NOTICE TO MARINERS

**District: 9**

**Week: 23/22**

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](mailto:D09-DG-District-D9-LocalNoticetoMariners@uscg.mil)

\*\* Navigation Information Service watchstander, 24 hours a day at (703) 313-5900 \*\* \*\*Internet Address\*\* <https://www.navcen.uscg.gov/>

Light List Reference: Commandant Publication P16502.7, VOL VII, 2022 Edition

Coast Pilot Reference: 2022 U.S. Coast Pilot 6 Great Lakes 52nd Edition

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

The Local Notice to Mariners is available on the Internet at <https://www.navcen.uscg.gov/-pageName=lnmMain> You will also have links to other government agencies- web pages including the US Army Corps of Engineers and the National Ocean Service.

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

The Ninth District and all Sector offices for their areas of responsibility issue a BROADCAST NOTICE TO MARINERS.

The following Broadcast Notice to Mariners have been incorporated into this week's Local Notice to Mariners:

Sector Buffalo, NY - B056-22 through B069-22

Ninth District - C071-22 through C080-22

Sector Detroit, MI - D036-22 through D040-22

Sector Lake Michigan, WI - M115-22 through M127-22

Sector Sault Ste Marie, MI - S069-22 through S076-22

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://cgl.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](mailto:webmaster@smtp.navcen.uscg.mil), or on the internet at: <https://www.navcen.uscg.gov>

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## ABBREVIATIONS

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### A through H

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

### I through O

I - Interrupted  
ICW - Intracoastal Waterway  
IMCH - Improper Characteristic  
INL - Inlet  
INOP - Not Operating  
INT - Intensity  
ISL - Islet  
Iso - Isophase  
kHz - Kilohertz  
LAT - Latitude  
LB - Lighted Buoy  
LBB - Lighted Bell Buoy  
LHB - Lighted Horn Buoy  
LGB - Lighted Gong Buoy  
LONG - Longitude  
LNM - Local Notice to Mariners  
LT - Light  
LT CONT - Light Continuous  
LTR - Letter  
LWB - Lighted Whistle Buoy

### P through Z

PRIV - Private Aid  
Q - Quick  
R - Red  
RACON - Radar Transponder Beacon  
Ra ref - Radar reflector  
RBN - Radio Beacon  
REBUILT - Aid Rebuilt  
RECOVERED - Aid Recovered  
RED - Red Buoy  
REFL - Reflective  
RRL - Range Rear Light  
RELIGHTED - Aid Relit  
RELOC - Relocated  
RESET ON STATION - Aid Reset on Station  
RFL - Range Front Light  
RIV - River  
RRASS - Remote Radio Activated Sound Signal  
s - seconds  
SEC - Section  
SHL - Shoaling

DISCON - Discontinued  
DMGD/DAMGD - Damaged  
ec - eclipse  
EST - Established Aid  
ev - every  
EVAL - Evaluation  
EXT - Extinguished  
F - Fixed  
fl - flash  
Fl - Flashing  
G - Green  
GIWW - Gulf Intracoastal Waterway  
HAZ - Hazard to Navigation  
HBR - Harbor  
HOR - Horizontal Clearance  
HT - Height

LWP - Left Watching Properly  
MHz - Megahertz  
MISS/MSNG - Missing  
Mo - Morse Code  
MRASS - Marine Radio Activated Sound Signal  
MSLD - Misleading  
N/C - Not Charted  
NGA - National Geospatial-Intelligence Agency  
NO/NUM - Number  
NOS - National Ocean Service  
NW - Notice Writer  
OBSCU - Obscured  
OBST - Obstruction  
OBSTR - Obstruction  
Oc - Occulting  
ODAS - Anchored Oceanographic Data Buoy

si - silent  
SIG - Signal  
SND - Sound  
SPM - Single Point Mooring Buoy  
SS - Sound Signal  
STA - Station  
STRUCT - Structure  
St M - Statute Mile  
TEMP - Temporary Aid Change  
TMK - Topmark  
TRLB - Temporarily Replaced by Lighted Buoy  
TRLT - Temporarily Replaced by Light  
TRUB - Temporarily Replaced by Unlighted Buoy  
USACE - Army Corps of Engineers  
W - White  
Y - Yellow

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

LIB - Lighted Ice Buoy

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**SECTION I - SPECIAL NOTICES**

This section contains information of special concern to the Mariner.

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**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: 28/12

**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-notice-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>

LNM: 05/22

**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:

<https://www.lre.usace.army.mil/Missions/Great-Lakes-Information/Great-Lakes-Water-Levels/Water-Level-Forecast/Connecting-Channels-Forecast/>

LNM: 32/20

**Lake Erie – NY - Barcelona Harbor – Chart 14823**

Due to significant shoaling in the Barcelona Harbor Main Entrance, vessels are no longer able to transit the channel. All mariners are requested to transit the area with caution. The following Aids to Navigation have been temporary discontinued until dredging operations are complete.

Barcelona Harbor East Breakwater Light (LLNR 3480)

Barcelona Harbor West Breakwater Light (LLNR 3485)

LNM: 23/22

**DELAY IN THE COMMISSIONING OF AIDS-TO-NAVIGATION**

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

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

SAGINAW BAY:

LB 15 LLNR (10680)

LB 17 LLNR (10710)

LB 18 LLNR (10715)

LB 19 LLNR (10720)

LB 20 LLNR (10725)

LB 21 LLNR (10735)

LB 24 LLNR (10740)

SAGINAW RIVER:

- LB 3 LLNR (10770)    LB 4 LLNR (10775)    LB 7 LLNR (10790)
- LB 8 LLNR (10795)    LB 10 LLNR (10800)    LB 14 LLNR (10810)
- LB 18 LLNR (10817)    LB 19 LLNR (10820)    LB 23 LLNR (10835)
- LB 28 LLNR (10850)    LB 31 LLNR (10860)    LB 36 LLNR (10875)
- LB 44 LLNR (10905)    LB 45 LLNR (10910)    LB 48 LLNR (10930)
- LB 50 LLNR (10940)    LB 54 LLNR (10955)    LB 57 LLNR (10970)

LB 62 LLNR (10990) LB 68 LLNR (11020) LB 71 LLNR (11045)  
LB 80 LLNR (11075) LB 84 LLNR (11082) LB 87 LLNR (11087)

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

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

LNM: 15/22

**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.

LNM: 14/20

**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.

LNM: 10/21

**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 – WAUKEGON 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).

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**SECTION II - DISCREPANCIES**


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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.

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**DISCREPANCIES (FEDERAL AIDS)**

LLNR	Aid Name	Status	Chart No.	BNM Ref.	LNM St	LNM End
530	St. Lawrence Seaway Light 81 (C)	LT EXT		B014-22	14/22	
<b>1780</b>	<b>Cherry Island Light</b>	<b>LT EXT</b>	<b>14811</b>	<b>B066-22</b>	<b>23/22</b>	
<b>2905</b>	<b>Buffalo Harbor South Entrance Light 2</b>	<b>LT EXT</b>	<b>14833</b>	<b>B067-22</b>	<b>23/22</b>	
3520	Erie Harbor Entrance Lighted Buoy 2	LT EXT/TRUB	14835	B037-22	18/22	
8410	Peche Island Range Rear Light	LT EXT/DAYMK MISSING	14853	D017-22	13/22	
<b>12441</b>	<b>Mackinac Bay Passage Buoy 16A</b>	<b>OFF STA</b>	<b>14885</b>	<b>S072-22</b>	<b>23/22</b>	
<b>12580</b>	<b>Round Island Passage Light</b>	<b>LT EXT</b>	<b>14881</b>	<b>S074-22</b>	<b>23/22</b>	
13015	Winter Point Range Front Light	DAYMK MISSING	14887	S104-21	46/21	
13025	Winter Point Range Rear Light	DAYMK MISSING	14887	S105-21	46/21	
13165	Sailors Encampment Channel Lighted Buoy 25	OFF STA	14887	S060-22	19/22	
13475	West Neebish Channel (Downbound) Upper Range Rear Light	DAYMK MISSING	14887	S113-21	51/21	
13515	West Neebish Channel (Downbound) Oak Ridge Range Front Light	DAYMK MISSING	14887	S56-21	25/21	
13515	West Neebish Channel (Downbound) Oak Ridge Range Front Light	LT EXT	14887	S029-22	14/22	
<b>13905</b>	<b>Sugar Island North Channel Lighted Buoy 1</b>	<b>MISSING</b>	<b>14883</b>	<b>S076-22</b>	<b>23/22</b>	
14050	Six Mile Point Range Rear Light	DAYMK MISSING	14883	S016-21	10/21	
<b>16650</b>	<b>Hat Point Lighted Bell Buoy 1</b>	<b>LT EXT</b>		<b>S075-22</b>	<b>23/22</b>	
<b>16660</b>	<b>Isle Royale West End Buoy 2</b>	<b>OFF STA</b>		<b>S071-22</b>	<b>23/22</b>	
16965	Flag Island Lighted Buoy 4	OFF STA	14999	S95-21	43/21	
17015	Warroad Range Front Light	LT EXT			43/21	
17020	Warroad Range Rear Light	DAYMK MISSING			43/21	
<b>17210</b>	<b>Canoe Channel Daybeacon 8</b>	<b>STRUCT DEST/TRUB</b>	<b>14998</b>		<b>23/22</b>	
17755	White Shoal Buoy	OFF STA	14911	S056-22	18/22	
17790	Ile Aux Galets Buoy 9	MISSING	14911	S069-22	22/22	
18815	Bank Point Light	DAYMK MISSING	14934		22/22	
<b>19345</b>	<b>Lake Macatawa Buoy 5</b>	<b>OFF STA</b>	<b>14932</b>	<b>M126-22</b>	<b>23/22</b>	
<b>19425</b>	<b>Lake Macatawa Buoy 21</b>	<b>OFF STA</b>	<b>14932</b>	<b>M125-22</b>	<b>23/22</b>	
21275	Rowley Bay Buoy 2	MISSING	14909	M111-22	21/22	
21455	Gravelly Island Shoal Buoy 4	MISSING	14909	M110-22	21/22	
21535	Lansing Shoals Light	RAC INOP	14911	S033-22	15/22	
21690	Squaw Point Lighted Buoy 12	OFF STA	14915	M109-22	21/22	
21820	Strawberry Channel Northeast Buoy 4	OFF STA	14909	M103-22	19/22	
22180	Green Bay Harbor Entrance Channel Range Front Light	DAYMK DMGD	14918		24/21	
22185	Green Bay Harbor Entrance Channel Range Rear Light	DAYMK MISSING	14918		44/20	

**DISCREPANCIES (FEDERAL AIDS) CORRECTED**

LLNR	Aid Name	Status	Chart No.	BNM Ref.	LNM St	LNM End
2025	Port Ontario Light 2	RELIGHTED	14803		23/22	23/22
10210	Point Aux Barques Light	RELIGHTED	14862		21/22	23/22
12010	Indian River Daybeacon 46	WATCHING PROPERLY	14886		21/22	23/22
14860	Princess Point Range Front Light	WATCHING PROPERLY	14972		21/22	23/22
19430	Lake Macatawa Buoy 23	RESET ON STATION	14932		21/22	23/22

**DISCREPANCIES (PRIVATE AIDS)**

LLNR	Aid Name	Status	Chart No.	BNM Ref.	LNM St	LNM End
3505	International Paper East Crib Light	LT EXT	14835		18/22	
3910	Mentor Harbor Light 1	LT IMCH	14825	B045-22	20/22	
4030	Cleveland Waterworks Intake Crib Light	SS INOP	14826		22/22	
4105	Lakeside Yacht Club Entrance North Light	LT IMCH	14839	B029-22	17/22	
4110	Lakeside Yacht Club Entrance South Light	LT EXT	14839	B029-22	17/22	
4150	North Coast Harbor Light 2	LT EXT	14839		20/22	
4255	Bradstreet Landing Dock Light	LT EXT	14826		18/22	
12610	St Ignace Marina Northeast Breakwall Light	LT EXT	14881		18/22	
19636	Buffington Harbor Inner Breakwater East Light 2	LT IMCH	14926		30/21	
19665	Indiana Harbor East Bulkhead Light	LT IMCH	14926		14/22	
20386	Northpoint Marina Reef Obstruction Lighted Buoy A	MISSING	14904		22/22	
20387	Northpoint Marina Reef Obstruction Lighted Buoy B	MISSING	14904		22/22	
20388	Northpoint Marina Reef Obstruction Lighted Buoy C	MISSING	14904		22/22	
20389	Northpoint Marina Reef Obstruction Lighted Buoy D	MISSING	14904		22/22	

**DISCREPANCIES (PRIVATE AIDS) CORRECTED**

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

**PLATFORM DISCREPANCIES**

Name	Status	Position	BNM Ref.	LNM St	LNM End
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None

**PLATFORM DISCREPANCIES CORRECTED**

Name	Status	Position	BNM Ref.	LNM St	LNM End
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None

**SECTION III - TEMPORARY CHANGES and TEMPORARY CHANGES CORRECTED**

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

**TEMPORARY CHANGES**

LLNR	Aid Name	Status	Chart No.	BNM Ref.	LNM St	LNM End
2105	Oswego Harbor West Channel Light 2	TRLB	14813		17/19	
2720	Buffalo Harbor North Entrance Light 7	DISCONTINUED	14833		33/19	
<b>3480</b>	<b>Barcelona Harbor East Breakwater Light</b>	<b>DISCONTINUED FOR DREDGING</b>	<b>14823</b>		<b>23/22</b>	

<b>3485</b>	<b>Barcelona Harbor West Breakwater Light</b>	<b>DISCONTINUED FOR DREDGING</b>	<b>14823</b>	<b>23/22</b>
5435	West Harbor Inner Channel Daybeacon 12	TRUB	14842	33/21
5470	West Harbor Inner Channel Daybeacon 14	TRUB	14842	48/20
8240	William Livingstone Memorial Light	Reduced Intensity	14853	33/21
9690	Grande Pointe Light 23	TRLT	14853	47/20
14020	Frechette Point Range Rear Light	Reduced Intensity	14883	21/22
15220	Ontonagon Harbor East Breakwater Light	DISCONTINUED		02/22
16963	Driftwood Point Light	DISCONTINUED		45/20
21635	Escanaba Light	Reduced Intensity	14915	49/20
22245	Green Bay Harbor Entrance Channel Light 25	TRLB	14918 01/21	33/21

**TEMPORARY CHANGES CORRECTED**

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

**PLATFORM TEMPORARY CHANGES**

Name	Status	Position	BNM Ref.	LNM St	LNM End
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None

**PLATFORM TEMPORARY CHANGES CORRECTED**

Name	Status	Position	BNM Ref.	LNM St	LNM End
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None

**SECTION IV - CHART CORRECTIONS**

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

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

Chart Number	Chart Edition	Edition Date	Last Local Notice to Mariners	Horizontal Datum Reference	Source of Correction	Current Local Notice to Mariners
12327	91st Ed.	19-APR-97	Last LNM: 26/97	NAD 83		27/97
Chart Title: NY-NJ-NEW YORK HARBOR - RARITAN RIVER						
Main Panel 2245 NEW YORK HARBOR						
(Temp) ADD	NATIONAL DOCK CHANNEL BUOY 3				CGD01 at 40-41-09.001N	074-02-48.001W
Corrective Action	Green can	Object of Corrective Action			Position	

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

<b>14901</b>	<b>18th Ed.</b>	<b>01-AUG-20</b>	<b>Last LNM: 19/22</b>	<b>NAD 83</b>		<b>23/22</b>
Chart Title: Lake Michigan (Mercator Projection)						
Main Panel 1361 LAKE MICHIGAN - -. Page/Side: -						
CHANGE	Lansing Shoals Light				CGD09 at 45-54-13.472N	085-33-42.211W
	Delete RACON "Y" ( - - - )					
	Add Magenta circle Chart No. 1: S17.2 and label AIS					

<b>14902</b>	<b>32nd Ed.</b>	<b>01-NOV-20</b>	<b>Last LNM: 19/22</b>	<b>NAD 83</b>		<b>23/22</b>
Chart Title: North end of Lake Michigan, including Green Bay						
Main Panel 1362 NORTH END OF LAKE MICHIGAN INCLUDING GREEN BAY - -. Page/Side: -						
					CGD09	

CHANGE Lansing Shoals Light at 45-54-13.472N 085-33-42.211W  
 Delete RACON "Y" ( \_ . \_ \_ )  
 Add Magenta circle Chart No. 1: S17.2 and label AIS

**14904** 28th Ed. 01-MAY-19 Last LNM: 46/21 NAD 83 23/22  
 ChartTitle: Port Washington to Waukegan;Kenosha;North Point Marina;Port Washington;Waukegan  
 Main Panel 1366 PORT WASHINGTON TO WAUKEGAN - -. Page/Side: -  
 RELOCATE Milwaukee South Pierhead Light 3 CGD09  
 from 43-01-29.873N 087-53-40.814W  
 to 43-01-29.784N 087-53-40.968W

**14908** 19th Ed. 01-JAN-16 Last LNM: 08/17 NAD 83 23/22  
 ChartTitle: Dutch Johns Point to Fishery Point, including Big Bay de Noc and Little Bay de Noc;Manistique  
 CHART DUTCH JOHNS POINT TO FISHERY POINT. Page/Side: N/A  
 RELOCATE Squaw Point Lighted Buoy 12 CGD09  
 from 45-49-55.495N 087-00-25.739W  
 to 45-49-55.875N 087-00-31.676W

**14911** 22nd Ed. 01-FEB-16 Last LNM: 19/22 NAD 83 23/22  
 ChartTitle: Waugoshance Point to Seul Choix Point, including Beaver Island Group;Port Inland;Beaver Harbor  
 CHART WAUGOSHANCE POINT TO SEUL CHOIX POINT. Page/Side: N/A  
 CHANGE Lansing Shoals Light at 45-54-13.472N 085-33-42.211W  
 Delete RACON "Y" ( \_ . \_ \_ )  
 Add Magenta circle Chart No. 1: S17.2 and label AIS

**14915** 26th Ed. 01-MAR-14 Last LNM: 50/20 NAD 83 23/22  
 ChartTitle: Little Bay de Noc  
 Main Panel 1404 LITTLE BAY DE NOC MICHIGAN. Page/Side: N/A  
 RELOCATE Squaw Point Lighted Buoy 12 CGD09  
 from 45-49-55.495N 087-00-25.739W  
 to 45-49-55.875N 087-00-31.676W

**14924** 29th Ed. 01-DEC-12 Last LNM: 21/18 NAD 83 23/22  
 ChartTitle: Milwaukee Harbor  
 Main Panel 1448 MILWAUKEE HARBOR WISCONSIN. Page/Side: N/A  
 RELOCATE Milwaukee South Pierhead Light 3 CGD09  
 from 43-01-29.873N 087-53-40.814W  
 to 43-01-29.784N 087-53-40.968W

**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**

<u>Approved Project(s)</u>	<u>Project Date</u>	<u>Ref. LNM</u>
None		

**Advance Notice(s)**

**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: 20/22

**SECTION VI - PROPOSED CHANGES**

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

**PROPOSED WATERWAY PROJECTS OPEN FOR PUBLIC COMMENT**

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

**Proposed Change Notice(s)**

**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 – WAUGOSHANCE 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

**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:**

The Ninth District Aids to Navigation office at D09-DG-District-D9-LocalNoticetoMariners@uscg.mil or call (216) 902-6078

LNM: 30/13

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## SECTION VII - GENERAL

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

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### Waterways Analysis and Management System

The Ninth Coast Guard District will be reviewing the following waterways beginning in 2022. The study focuses primarily on aids to navigation in the waterway. Public comments are an important tool in this process so that we can provide the adequate markings and the right mix of signals to a waterway for safe navigation. Comments on the below listed waterways can be sent to Brian.A.Smicklas@uscg.mil or by calling (216) 902-6064. You may also complete the survey attached to the Local Notice to Mariner and either email it or mail it to: Commander (dpw), Ninth Coast Guard District, 1240 East Ninth St., Cleveland, Ohio 44199.

Sackets Harbor  
(LLNR 1755-2024.9)  
Buffalo Harbor/Black Rock Canal  
(LLNR 2665-3360)  
Dunkirk Harbor  
(LLNR 3365-3492)  
Erie Harbor  
(LLNR 3495-3696)  
Conneaut Harbor  
(LLNR 3700-3735)  
Ashtabula Harbor  
(LLNR 3740-3830)  
Fairport Harbor  
(LLNR 3835-3955)  
Cleveland Harbor  
(LLNR 3975-4260)  
Huron Harbor  
(LLNR 4430-5455)  
Erie Islands  
(LLNR 5520-6025)  
Detroit River / East Outer Channel  
(LLNR 6885-8270)  
St. Clair Rec/Belle Isle Channel  
(LLNR 8280-8396)  
Lake St. Clair  
(LLNR 8665-9300)  
Anchor Bay  
(LLNR 9305-9565)  
Toledo / Maumee Channel  
(LLNR 6030-6455)  
Monroe Harbor  
(LLNR 6460-6680)  
St. Clair River / Huron Cut  
(LLNR 9570-10090)  
St. Mary's River  
(LLNR 12765-13755)

### Waterways Analysis and Management System

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)

LNM: 09/20

### GREAT LAKES - Marine Events

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

LNM: 24/13

### LAKE ONTARIO – NY – Little Sodus Bay – Chart 14811

From 20 Jun 2022 to 21 Dec 2022 the Crane-Hogan Structural Systems, Inc will be conducting pier repair in the vicinity of West side of the channel from Little Sodus Bay to Lake Ontario (Fair Haven, NY). Hours of operation are from 0600 to 1730 Monday through Friday. All mariners are requested to transit the area with caution.

LNM: 23/22

### LAKE ONTARIO-Rochester Harbor-Chart 14815

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

LNM: 19/22

### LAKE ERIE - BUFFALO HARBOR - Chart 14833

From 15 Jun 2022 to 15 July 2022 the Ryba Marine Construction Co. will be conducting dredging in the Buffalo River. Hours of operation are 24 hours a day 7 days a week. Tug Thomas R. Morrish can be contacted on VHF channels 13 and 16. All mariners are requested to transit the area with caution.

LNM: 23/22

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

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

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

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

LNM: 43/21

### LAKE ERIE – OH – Ashtabula – Chart 14836

From 20 Jun 2022 to 14 Sep 2022 the Geo Gradel Co. will be conducting dredging in the Ashtabula River and Harbor. Hours of operation are from 0700 to 1900 7 days a week, Tug John Francis and Barge Crow can be contacted on VHF channels 10, 16, and 18. All mariners are requested to transit the area with caution.

LNM: 23/22

**LAKE ERIE –Western Basin – Chart 14839**

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

LNM: 18/22

**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.

LNM: 17/22

**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.

LNM: 06/22

**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.

LNM: 40/21

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

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

LNM: 37/21

**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.

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

**STRAITS OF MACKINAC – Cheboygan, St. Ignace, St. Helena Island – Chart 14881**

From 23 May 2022 to 30 June 2022 the J.F. Brennan Company, Inc will be conducting equipment and material hauling with a barge. Hours of operation are from 0700 to 1900 Monday through Saturday. M/V Robert Calvey can be contacted on VHF channels 13 and 16. Occasional barge movements from Cheboygan or St. Ignace to St. Helena Island and Mackinac Straits. All mariners are requested to transit the area with caution.

LNM: 20/22

**STRAITS OF MACKINAC - Chart 14881**

**STRAITS OF MACKINAC - Chart 14881**

From 6 May 2022 to 30 June 2022 the Ryba Marine Construction Co. will be conducting dock and sheet pile wall repairs in the Mackinac Harbor, Mackinac Island MI. Hours of operation are from 0700- 2000 7 days a week. Tug Rochelle Kaye can be contacted on VHF channels 13 and 16 or via cell at (231) 420-4352. All mariners are requested to transit the area with caution.

LNM: 19/22

**STRAITS OF MACKINAC - Chart 14881**

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

LNM: 19/22

**STRAITS OF MACKINAC - Chart 14881**

From 08 June 2022 to 08 July 2022 Seaworks Group/ Gray & Pape will be conducting Hydrographic & Geophysical Surveying of line 5 Dual Pipelines in the Straits of Mackinac. Hours of operation are from 0700 to 1900 7 days a week. S/V Karen J can be contacted on VHF channels 8 and 16. Nearby Vessels shall maintain 1500-foot exclusion Zone. All mariners are requested to transit the area with caution.

LNM: 21/22

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

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

LNM: 18/22

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

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

LNM: 20/22

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

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

LNM: 17/22

**Lake Michigan – IL – Whiting – Chart 14929**

From 1 Jul 2022 to 30 Nov 2022 Kokosing Industrial, Great Lakes Marine Division will be conducting intake replacement offshore from the BP Whiting Refinery in position 41-40-49.325N. 087-28-24.272W. Hours of operation are 0700 to 1900 Monday through Saturday. Tug Nancy can be contacted on VHF channels 13 and 16. Crane and diving barges will be spudded down within 200 feet of the intake cribbing. All mariners are requested to transit the area with caution.

LNM: 23/22

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

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

LNM: 19/22

**Lake Michigan – IL – Waukegan Harbor – Chart 14905**

From 7 Jun 2022 to 15 Aug 2022 the Great Lakes Dock and Material, LLC will be conducting breakwater repair work on the Waukegan Harbor Breakwater. Hours of operation are 24 hours a day 7 days a week. Barge Justin Avery and Tug Duluth can be contacted on VHF channels 16 and 18. Please have positive contact with equipment, marine equipment will be located along the north breakwater of Waukegan Harbor and shall travel in and out of the harbor. Equipment include crane barge, material barges and tug boats. All mariners are requested to transit the area with caution.

LNM: 23/22

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

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

LNM: 20/22

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

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

LNM: 18/22

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

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

LNM: 13/22

**SECTION VIII - LIGHT LIST CORRECTIONS**

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

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
20675	MILWAUKEE SOUTH PIERHEAD LIGHT 3	43-01-29.784N 087-53-40.968W	Fl G 4s	20 6	7	On grey pole with concrete base.	23/22
21535	<b>Lansing Shoals Light</b>	* 45-54-13.472N 085-33-42.211W	Fl W 10s	69 21	12	Gray square tower on concrete crib. 69	HORN: 1 blast ev 30s (3s bl). AIS: MMSI 993682297 23/22
21690	<i>Squaw Point Lighted Buoy 12</i>	45-49-55.875N 087-00-31.676W	Fl R 6s		4	Red.	* Maintained from Apr. 28 to Nov. 21. 23/22
		*					

**ENCLOSURES**

**(1) LNM Section I - Special Notices**

1-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**

1-Marine Events

2-Current Ninth District Bridge Maintenance/Activities

3-Waterway Analysis and Management System Survey

4-R/V Lake Char operations in Lake Superior, April-June 2022

5-Solo Chicago to Mackinac Challenge

6-Solo Port Huron to Mackinac Challenge

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).

	Forecast Point	Low Water Datum IGLD 1985	Expected Levels (inches above or below Low Water Datum,0)				
			Current	Week 1	Week 2	Week 3	Week 4
			3-Jun	10-Jun	17-Jun	24-Jun	1-Jul
<b>GREAT LAKES</b>							
Lake Ontario		243.3	39	39	38	38	37
Lake Erie		569.2	46	46	46	45	45
Lake St. Clair		572.3	42	42	43	43	43
Lake Michigan-Huron		577.5	30	31	31	31	32
Lake Superior		601.1	13	14	14	15	16
<b>ST. LAWRENCE RIVER</b>							
Above Long Sault Dam	0	237.9	32	31	30	27	28
Above Iroquois Dam	1	240.3	28	27	26	24	24
Ogdensburg	2	242.4	34	33	32	31	30
Alexandria Bay	2.1	243.0	37	37	36	35	35
Head of river at Cape Vincent	3	243.3	39	39	38	38	37
<b>DETROIT RIVER</b>							
Lake Erie at Pelee Passage	4	569.2	46	46	46	45	45
Mouth of River at Gibraltar	5	569.5	47	46	46	46	46
Fort Wayne	5.1	571.1	47	47	47	47	47
Head of River above Belle Isle	6	572.0	43	43	44	44	44
<b>ST. CLAIR RIVER</b>							
Mouth of River at St. Clair Flats	7	572.3	42	42	43	43	43
Algonac	8	572.8	45	45	45	45	46
St. Clair	9	574.4	37	37	37	37	38
Blue Water Bridge	10	576.2	37	37	37	38	38
Head of River at Fort Gratiot	11	577.2	33	33	33	34	34
Lake Huron Approach Channel	12	577.5	30	31	31	31	32
<b>ST. MARYS RIVER</b>							
Mouth of River at Detour	13	577.5	30	31	31	31	32
West and Middle Neebish	14	577.8	26	27	27	27	28
Head of Little Rapids	15	578.4	24	24	24	25	25
U.S. Slip	16	578.7	22	22	22	23	23
Above Locks	17	600.4	16	17	17	18	19
Head of River at Point Iroquois	18	601.1	13	14	14	15	16

### UNDERSTANDING THE FORECAST

Available water depth is determined for a location by adding (if+) or subtracting (if-) 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:	FOR MORE INFORMATION VISIT:	WATER LEVEL INFORMATION SUPPLIED BY:
Detroit District Corps of Engineers	<a href="#">Detroit District Great Lakes Homepage</a>	NOAA, National Ocean Service
477 Michigan Avenue	<a href="#">International Joint Commission</a>	SSMC4, STATION 7523
Detroit MI, 48226	<a href="#">Great Lakes Information Network</a>	1305 East-West Hwy
1-888-694-8318 ex. 1	<a href="#">NOAA Tides and Currents</a>	Silver Spring, MD 20910-3233
email: hhpm@usace.army.mil	<a href="#">U.S. Coast Guard - District 9</a>	(301) 713-2902

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

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

<u>Location</u>	<u>Name of Event</u>	<u>Date / Time</u>	<u>POC</u>	<u>Tel #</u>
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**LAKE ONTARIO**

Rochester, NY	Rochester Harbor Fest Boat Parade	18-Jun-22	2045-2145	James R. Farr	585-303-5934
Rochester, NY	Don Vechton Sunfish Regatta	25-Jun-22	0900-1630	Mary Ellen Brown	703-408-7298

**LAKE ERIE**

Buffalo, NY	Rigidized Regatta	25-Jun-22	1030-1430	Margaret Overdorf	716-823-4707
Grosse Isle	Windsor Yacht Club - Wednesday Night Spring Series #4	6/8/2022	1800-2300	Tracy Girard	313-568-9564
Marblehead	2022 Invitational Mills Trophy Race	6/10/2022	1700-2400	Tracy Girard	313-568-9564
Marblehead	2022 Invitational Mills Trophy Race	6/11/2022	0001-1000	Tracy Girard	313-568-9564
Grosse Isle	FYC Dacron Series Sailboat Race #1	6/12/2022	1000-1600	Tracy Girard	313-568-9564
Grosse Isle	FYC Monday One Design Series Sailboat Race #1	6/13/2022	1800-2100	Tracy Girard	313-568-9564
Sandusky	Wednesday Evening Race Series	6/8/2022	1730-2000	Tracy Girard	313-568-9564
Sandusky	Harbor Bay Yacht Club Summer Sailboat Racing	6/11/2022	1200-1700	Tracy Girard	313-568-9564
Buffalo, NY	Buffalo Harbor Sailing Club-Racing Season	5/17/2022 to 9/28/2022	1800-2100	Gregory Toole	917-993-2976

**DETROIT RIVER**

N/A

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

St. Clair Shores	LSSC Sunset Spring Series Race #4	6/8/2022	1900-2200	Tracy Girard	313-568-9564
Harrison Twp	Top Gun Twilight Races #15	6/9/2022	1000-1700	Tracy Girard	313-568-9564
St. Clair Shores	LSSC Thomas Cup Long Distance Race	6/11/2022	0900-1500	Tracy Girard	313-568-9564
St. Clair Shores	GLYC 1+1 Regatta	6/12/2022	1100-1600	Tracy Girard	313-568-9564
Grosse Pointe	Grosse Pointe Sail Club Sundown Series #4	6/14/2022	1800-2300	Tracy Girard	313-568-9564

**LAKE HURON**

Tawas	Tawas Bay Yacht Club Sailboat Races	6/12/2022	0800-2000	Tracy Girard	313-568-9564
Grosse Pointe	Grosse Pointe Sail Club Sundown Series #4	6/14/2022	1800-2300	Tracy Girard	313-568-9564

**LAKE MICHIGAN & Green Bay**

Muskegon, MI	Muskegon Yacht Club - Wednesday Night Racing Series	each Wed. May 5 - Oct 12, 2022	5:30 pm - 10:00 pm	MSTC Sherrill	414-747-7148
Milwaukee, WI	Baird Compay Fireworks	June 9, 2022	10:00 pm to 10:30 pm	MSTC Sherrill	414-747-7148
Milwaukee, WI	Polish Fest Fireworks	June 11, 2022	10:30 pm to 11:00 pm	MSTC Sherrill	414-747-7148
Racine, WI	Great Lakes Watercross - Racine	June 17 - 19, 2022	7:00 am to 6:00 pm	MSTC Sherrill	414-747-7148
Muskegon, MI	Muskegon Powerboat Weekend	June 17, 2022	11:00 am to 5:00 pm	MSTC Sherrill	414-747-7148
South Haven, MI	Harborfest Dragon Boat Race	June 18, 2022	6:00 am to 7:00 pm	MSTC Sherrill	414-747-7148
Milwaukee, WI	Summerfest Fireworks	June 23, 2022	9:30 pm to 10:00 pm	MSTC Sherrill	414-747-7148

**LAKE SUPERIOR**

N/A



## CURRENT NINTH DISTRICT BRIDGE MAINTENANCE/ACTIVITIES

Week [23/22]

**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](mailto:William.B.Stanifer@uscg.mil)  
Lee Soule (216) 902-6085 or [Lee.D.Soule@uscg.mil](mailto:Lee.D.Soule@uscg.mil)  
Michael Walker (216) 902-6087 or [Michael.O.Walker2@uscg.mil](mailto:Michael.O.Walker2@uscg.mil)  
FAX: (216) 902-6088

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

### NOTES:

The Anthony J. Celebrezze Federal Building (where the bridge office is located) will be closed on June 20 in observance of **Juneteenth**, a Federal Holiday; but the District and Sector Command Centers will be open 24/7. If you have urgent bridge issues on these days call 216-902-6118 for the D9 Command Center who will contact one of us for you.

### ACTIVE BROADCAST NOTICE TO MARINERS (BNM)

SAFETY BCST PLUS SKED BCST UNTIL 162200Z JUN 22

U.S.C.G. NINTH DISTRICT NOTICE TO MARINERS C068-22

OH - LAKE ERIE - ERIE ISLANDS - PORT CLINTON

FROM JUNE 6 THROUGH JUNE 16, 2022 BETWEEN THE HOURS OF 0600 AND 1800, MONDAY THROUGH THURSDAY THE NORFOLK SOUTHERN RAILROAD BRIDGE AT MILE 1.5 OVER THE PORTAGE RIVER WILL BE SECURED TO MASTED NAVIGATION. VESSEL ABLE TO PASS UNDER THE BRIDGE WITHOUT AN OPENING MAY DO SO AT ANY TIME.

SAFETY BCST PLUS SKED BCST UNTIL 072200Z JUN 22

U.S.C.G. NINTH DISTRICT NOTICE TO MARINERS C069-22

NY - NEW YORK BARGE CANAL SYSTEM

FROM MAY 31 THROUGH AUGUST 31, 2022 BETWEEN THE HOURS OF 0800 AND 1700 DAILY WORKERS WILL BE USING SNOOPER TRUCKS TO WASH THE UNDERSIDE OF ALL BRIDGES FROM

THE E-93 CSX RAILROAD BRIDGE AT MILE 209.36 TO THE E-212 MARSHALL ROAD BRIDGE AT MILE 305.63 OVER THE ERIE CANAL. SPOTTERS WILL WARN OF APPROACHING VESSELS AND WILL MOVE THE MAN LIFT TO ALLOW VESSELS TO PASS. MARINERS SHOULD AVOID PASSING UNDER THE CLEAN WATER FALLING FROM THE BRIDGE.

SAFETY BCST PLUS SKED BCST UNTIL 082200Z JUN 22

U.S.C.G. NINTH DISTRICT NOTICE TO MARINERS C071-22

IL- LAKE MICHIGAN - CHICAGO SANITARY AND SHIP CANAL

FROM JUNE 8 THROUGH JUNE 15, 2022 BETWEEN THE HOURS OF 0900 AND 1500, MONDAY THROUGH FRIDAY, INSPECTORS WILL UTILIZE SNOOPER TRUCKS UNDER THE I-355/VETERANS MEMORIAL TOLLWAY BRIDGES AT MILE 28.3 (CORPS MILE 298.9) OVER THE CHICAGO SANITARY AND SHIP CANAL. SPOTTERS WILL WARN OF APPROACHING VESSELS AND MOVE THE MAN LIFT TO ALLOW VESSELS TO PASS.

SAFETY BCST PLUS SKED BCST UNTIL 092200Z JUN 22

U.S.C.G. NINTH DISTRICT NOTICE TO MARINERS C073-22

OH- LAKE ERIE - CLEVELAND HARBOR

THE COAST GUARD HAS RECEIVED A REPORT THAT ONE OR MORE LIGHTS ON THE COLUMBUS

ROAD BRIDGE AT MILE 1.93 OVER THE CUYAHOGA RIVER ARE EXTINGUISHED.

SUBJ/ CANCEL ISSUE NOTICE TO MARINERS C073-22

A. MY 261051Z MAY 22

1. CANCEL REF A.

2. BRIDGE OWNER REPORTS LWP ON COLUMBUS ROAD BRIDGE AT MILE 1.93 OVER THE CUYAHOGA RIVER

SAFETY BCST PLUS SKED BCST UNTIL 152200Z JUN 22

U.S.C.G. NINTH DISTRICT NOTICE TO MARINERS C075-22

OH- LAKE ERIE - CLEVELAND HARBOR

THE COAST GUARD HAS RECEIVED A REPORT THAT ONE OR MORE LIGHTS ON THE FLATS INDUSTRIAL RAILROAD BRIDGE AT MILE 2.24 OVER THE CUYAHOGA RIVER ARE EXTINGUISHED.

SAFETY BCST PLUS SKED BCST UNTIL 152200Z JUN 22

U.S.C.G. NINTH DISTRICT NOTICE TO MARINERS C078-22

NY - LAKE ONTARIO - ROCHESTER HARBOR

THE COAST GUARD HAS RECEIVED A REPORT THAT THE O'RORKE BRIDGE AT MILE 1.25 OVER THE GENESEE RIVER WILL REQUIRE A 3-HOUR ADVANCE NOTICE FOR OPENINGS DUE TO AN ELECTRICAL ISSUE. MARINERS SHOULD PROVIDE ADVANCE NOTICE DIRECTLY TO THE DRAWTENDER ON VHF-FM MARINE CHANNEL 16 OR BY CALLING 585-753-7800.

SUBJ/ cancel ISSUE NOTICE TO MARINERS C076-22

a. MY 31318Z MAY 22

1. cancel ref a.

2. BRIDGE OWNER REPORTS all lights repaired ON THE CITY OF CLEVELAND RAILROAD BRIDGE AT MILE 2.42 OVER THE CUYAHOGA RIVER

SAFETY BCST PLUS SKED BCST UNTIL 202200Z JUN 22

U.S.C.G. NINTH DISTRICT NOTICE TO MARINERS C079-22

IL- LAKE MICHIGAN - CALUMET SAG CHANNEL

FROM JUNE 13 THROUGH JUNE 29, 2022 BETWEEN THE HOURS OF 0700 AND 1700, MONDAY THROUGH SATURDAY, A 120-FOOT BY 40-FOOT BARGE WILL BE WORKING UNDER THE SAG HIGHWAY BRIDGE AT MILE 28.76 (CORPS MILE 304.2) OVER THE CALUMET-SAG CHANNEL. THE BARGE WILL MONITOR VHF-FM MARINE CHANNEL 16 AND WILL MOVE IF A 3-HOUR ADVANCE NOTICE IS PROVIDED BY CALLING 630-739-2460. CONTAINMENT THAT HANGS APPROXIMATELY 3-FEET BELOW LOW STEEL WILL BE INSTALLED UNDER THE BRIDGE.

SAFETY BCST PLUS SKED BCST UNTIL 202200Z JUN 22

U.S.C.G. NINTH DISTRICT NOTICE TO MARINERS C080-22

IL - LAKE MICHIGAN - CHICAGO HARBOR

FROM JUNE 10 THROUGH JUNE 20, 2022 24-HOURS A DAY FROM FRIDAY THROUGH MONDAY  
THE

AMTRAK RAILROAD BRIDGE AT MILE 3.44 (CORPS MILE 323.5) OVER THE SOUTH BRANCH OF  
THE CHICAGO RIVER WILL REQUIRE A 2-HOUR ADVANCE NOTICE FOR OPENINGS. MARINERS  
SHOULD PROVIDE ADVANCE NOTICE DIRECTLY TO THE DRAWTENDER.

### **2021 FEDERAL REGULATIONS DOCKET STATUS**

USCG-2021-0336 – NPRM – Oshkosh - open for public comments until May 31, 2022.

USCG-2022-0237 - TD – Keweenaw Waterway – open for public comments until November 1, 2022

USCG-2022-0303- NPRM – Michigan City Amtrak Remote Ops - open for public comments until July 25,  
2022.

USCG-2022-0465-TFR- Erie Canal-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]

#### **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 11 through **August 17, 2022** between the hours of 0700 and 1730, Monday through Saturday, a 50-  
foot by 20-foot barge will be working under the E-138, Main Street SR 96 at Mile 253.50 over the Erie Canal.  
The barge will monitor VHF-FM Marine Channel 16 and will move to accommodate vessels as needed.

[11/22]

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

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

[15/22]

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

From October 1, 2022 through **April 1, 2024** snooper trucks will be working under the E-200 North Main Street Bridge, mile 293.15, over the Erie Canal to rehabilitate the bridge in the fully open position. The permitted navigation lights will be removed and temporarily replaced with steady burning yellow lights on the bottom and four-corners of the drawspan. Spotters will warn of approaching vessels and move the man lift to allow vessels to pass.

[22/22]

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

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

[22/22]

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

From July 11 through **August 12, 2022**, between the hours of 0730 and 1700, Monday through Friday a 35-foot Harcon Vessel will be under the S1 US 20 Free Bridge at Mile 0.54, the S3 State Route 89 Bridge at Mile 5.70, and S6 Ovid Street Bridge at Mile 8.65 over the Cayuga-Seneca Canal, including the bridges between the E73 Cold Springs Road at Mile 167.10 and the E92 Armitage Road Bridge at Mile 205.59 over the Erie Canal. The Harcon will move if a 30-minute advance notice of arrival is provided directly to the Harcon on VHF-FM Marine Channel 16.

[23/22]

**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 – OH – Rochester Harbor – Chart 14815 – Bridge Discrepancy**

The Coast Guard has received a report that the O’Rorke Bridge at Mile 1.25 over the Genesee River will require a 3-hour advance notice for openings due to an electrical issue at the bridge. Mariners can provide advance notice directly to the drawtender on VHF-FM Marine Channel 16 or by calling 585-753-7800.

[23/22]

**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 – Toledo Harbor – Chart 14847 – Bridge Maintenance**

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

[17/22]

**LAKE ERIE – NY – Niagara River – Chart 14832 – Bridge Maintenance**

From May 30 through **July 15, 2022** between the hours of 0700 and 1600, Monday through Friday a 100 foot by 34-foot barge will be washing the South Grand Island Bridges at Mile 27.5 over the Niagara River. The barge will monitor VHF-FM Marine Channel 16 and will move to accommodate other vessels.

[18/22]

**LAKE ERIE – OH – Portage River – Chart 14844- Bridge Maintenance**

From June 6 through **June 16, 2022** between the hours of 0600 and 1800, Monday through Thursday the Norfolk Southern Railroad Bridge at Mile 1.5 over the Portage River will be secured to masted navigation. Vessel able to pass under the bridge without an opening may do so at any time.

[20/22]

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

From May 31 through **June 9, 2022** between the hours of 0600 and 1800, Monday through Thursday the

Norfolk Southern Railroad Bridge at Mile 3.5 over the Sandusky Bay will be secured to masted navigation. Vessels able to pass under the bridge without an opening may do so at any time. [20/22]

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

\*\*\*\*\*REVISED\*\*\*\*\*

### **DETROIT RIVER – MI – Main Channel – Chart 14848 – Bridge Construction.**

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

[47/20] [07/22]

### **ST. CLAIR RIVER – MI – Pine River – Chart 14853 – Bridge Maintenance**

From January 1, 2023 through **March 17, 2023**, the Riverside Avenue, State Route 29 Bridge at Mile 0.10 over the Pine River will be secured to masted navigation. Vessels able to pass under the bridge without an opening may do so at any time.

[18/22]

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

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

[21/22]

## LAKE HURON

### **LAKE MICHIGAN – MI – Saginaw River – Chart 14867- Bridge Inspection**

From June 27 through **June 30, 2022** between the hours of 0800 and 1600 each day inspectors will utilize snooper trucks under the Independence Bridge at Mile 3.88 over the Saginaw River. Spotters will warn of approaching vessels and move the man lift to allow vessels to pass. Opening of the bridge will not be delayed by the inspection.

[23/22]

## 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 4<sup>th</sup> 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**

From 2200 on July 3 through 0100 on **July 4, 2022**, the Blossomland/M-63 Bridge at Mile 0.92 and the Twin Cities Bicentennial Bridge at Mile 1.30, over the Saint Joseph River will be secured to masted navigation in conjunction with the City of St. Joseph 4<sup>th</sup> of July Celebration Fireworks.

[23/22]

**LAKE MICHIGAN – INDIANA & GARY HARBOR**

**LAKE MICHIGAN – IN – Michigan City – Chart 14927 - Bridge Regulation**

The Coast Guard proposes to modify the operating schedule that governs the Amtrak Railroad Bridge, mile 0.9, over Trail Creek, in Michigan City, Indiana, to allow it to operate remotely. The bridge has operated remotely since 2003 without inclusion in the CFR and without incident or public complaint. We invite your comments on this proposed rulemaking. 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](mailto:Lee.D.Soule@uscg.mil). To view the entire docket or to submit comments please visit <https://www.regulations.gov> and type USCG-2022-0303 in the search field. Comments and related material must reach the Coast Guard before **July 25, 2022**.



## LAKE MICHIGAN – CALUMET RIVER & LITTLE CALUMET RIVER

### **LAKE MICHIGAN – IL – Calumet River – Chart 14926 - Bridge Inspection**

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

[18/22]

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

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

The Coast Guard has received a report that the protection cells of the Fullerton Avenue Bridge at Mile 5.30 (CORPS MILE 329.1) over the North Branch of the Chicago River are leaning away from the channel.

[23/20]

### **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]

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

From June 10 through **June 20, 2022** 24-hours each day from Friday through Monday the Amtrak Railroad Bridge at Mile 3.44 (CORPS MILE 323.5) over the South Branch of the Chicago River will require a 2-hour advance notice for openings. Mariners should provide advance notice directly to the drawtender.

[23/22]

## 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 96<sup>th</sup> 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), 104<sup>th</sup> Avenue Bridge at Mile 25.56 (CORPS MILE 307.3) over the Calumet-SAG Channel.

[12/22]

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

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

[21/22]

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

(Lake Michigan to Mile 36.2/291.1)

**\*\*\*\*\*REVISED\*\*\*\*\***

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

From March 21 through **July 8, 2022**, between the hours of 0700 and 1530, Monday through Friday, a 125-foot by 35-foot barge will be working at the South Cicero Avenue Bridge at Mile 10.0 (CORPS MILE 317.3) over the Chicago Sanitary and Ship Canal. The barge will monitor VHF-FM Marine Channel 16 and will move if a 1-hour advance notice is provided.

[10/22] [21/22]

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

From June 8 through **June 15, 2022** between the hours of 0900 and 1500, Monday through Friday, inspectors will utilize snooper trucks under the I-355/Veterans Memorial Tollway Bridges at Mile 28.3 (CORPS MILE 298.9) over the Chicago Sanitary and Ship Canal. Spotters will warn of approaching vessels and move the man lift to allow vessels to pass.

[22/22]

**LAKE MICHIGAN – WEST**

**\*\*\*\*\*REVISED\*\*\*\*\***

**LAKE MICHIGAN – WI – Milwaukee Harbor – Chart 14924 – Bridge Discrepancy**

The Coast Guard has received a report that one leaf of the Cherry Street Bridge at mile 2.29 over the Milwaukee River is inoperable due to a mechanical failure. The other leaf continues to operate normally.

[19/21] [26/21]

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

On **July 4, 2022**, between the hours of 0745 and 1130 and again from 2130 to 2230 the Main Street Bridge at Mile 0.31 and the State Street Bridge at Mile 0.53, over the Root River will be secured to masted navigation in conjunction with the 4th Fest of Greater Racine parade and fireworks. Vessels able to pass under the bridge without an opening may do so at any time.

[12/22]

**LAKE MICHIGAN – WI – Milwaukee Harbor – Chart 14924 – Bridge Special Event**

From June 23 through **July 9, 2022** from 2300 to 0100, Thursday through Saturday, all bridges from Mile 0.79 to Mile 1.46 over the Milwaukee River will be secured to recreational masted navigation, except at the discretion of the police department, in conjunction with the **Summerfest** event. Vessels able to pass under the bridges without an opening may do so at any time.

[12/22]

**LAKE MICHIGAN – WI – Milwaukee Harbor – Chart 14924 – Bridge Special Event**

From 2130 on June 23 through 0100 on **June 24, 2022** all bridges from Mile 0.79 to Mile 1.46 over the Milwaukee river will be secured to recreational masted navigation, except at the discretion of the police department, in conjunction with the **Big Bang Fireworks**. Vessels able to pass under the bridges without an opening may do so at any time.

[12/22]

**LAKE MICHIGAN – WI – Milwaukee Harbor – Chart 14924 – Bridge Special Event**

From 2130 on July 3 through 0100 on **July 4, 2022** all bridges from Mile 0.79 to Mile 1.46 over the Milwaukee river will be secured to recreational masted navigation, except at the discretion of the police department, in conjunction with the **American Family Insurance Fireworks**. Vessels able to pass under the bridges without an opening may do so at any time. A rain date of July 4 will be authorized if needed.

[12/22]

**LAKE MICHIGAN – WI – Milwaukee Harbor – Chart 14924 – Bridge Special Event**

From July 15 through **July 17, 2022** between the hours of 2300 and 0100 all bridges from Mile 0.79 to Mile 1.46 over the Milwaukee River will be secured to recreational masted navigation, except at the discretion of the police department, in conjunction with the **Festa Italiana**. Vessels able to pass under the bridges without an opening may do so at any time.

[12/22]

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

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

[20/22]

**[LAKE MICHIGAN – Sturgeon Bay Ship Canal – Green Bay – Fox River – Wolf River](#)**

**LAKE MICHIGAN – WI – Fox River – Chart 14972- Bridge Maintenance**

From April 27, 2022 through **October 7, 2022** the Tayco Street Bridge at Mile 37.52 over the Fox River at Menasha will require a 2-hour advance notice from 0800 to Midnight and a 6-hour advance at all other times, each day, for openings. Mariners should call 920-360-5792 to provide advance notice.

[45/21]

**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.

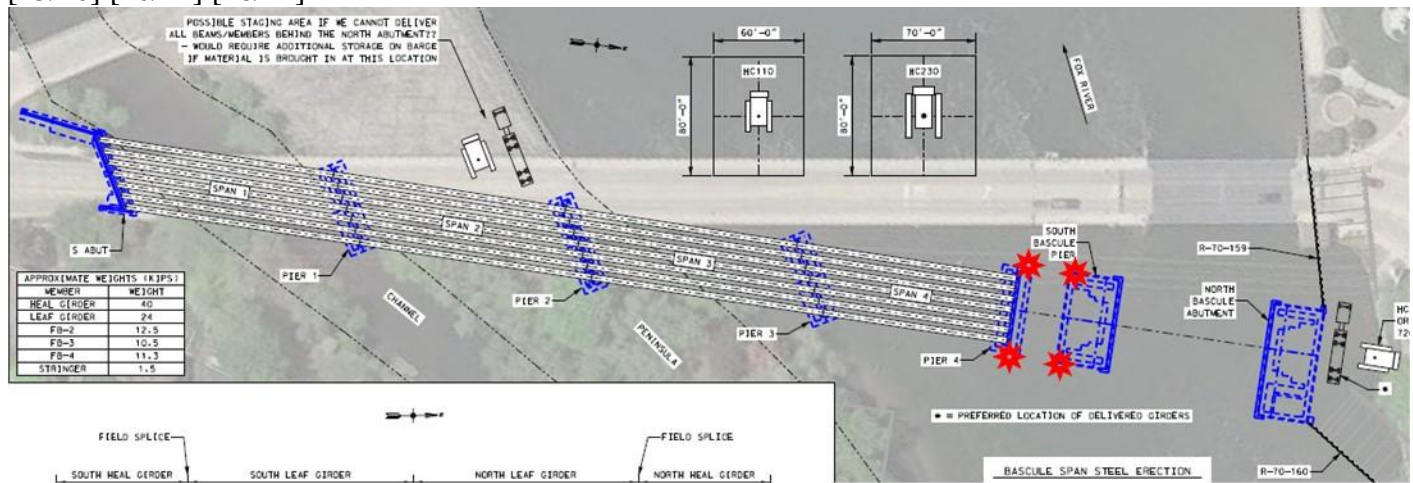
[09/22]

\*\*\*\*\*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 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 SUPERIOR

### LAKE SUPERIOR – MI – Keweenaw Waterway – Chart 14972- Bridge Test Schedule

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

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

If you have questions on this proposed rule, call or e-mail Mr. Lee D. Soule, Bridge Management Specialist, Ninth Coast Guard District, telephone 216-902-6085, e-mail [Lee.D.Soule@uscg.mil](mailto:Lee.D.Soule@uscg.mil). You may read the entire

docket or submit comments identified by docket number USCG-2022-0237 using Federal Decision Making Portal at <https://www.regulations.gov>. Comments and relate material must reach the Coast Guard on or before November 1, 2022.

[20/22]

**RAINY LAKE, RAINY RIVER, LAKE OF THE WOODS, WISCONSIN RIVER, MISSISSIPPI RIVER, & RED RIVER OF THE NORTH**

(Revised 11/19) NINTH DISTRICT DRAWBRIDGE SIGNALS OR OPERATION DELAYS FORM

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

DATE: \_\_\_\_\_

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 THERE COULD BE A DELAY? \_\_\_\_\_

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

11. TIME BRIDGE OPENED: \_\_\_\_\_ TIME LOST: \_\_\_\_\_

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

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

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

15. PHONE NUMBERS AND/OR E-MAIL FOR REPORTING SOURCE(S) (FOR ADDITIONAL QUESTIONS BY COAST GUARD AND FOR FINAL STATUS OF REPORT): \_\_\_\_\_

\_\_\_\_\_  
(SIGNATURE)

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: \_\_\_\_\_

\_\_\_\_\_

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

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Are the year round and lighted ice buoys adequate: \_\_\_\_\_

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

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

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

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

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

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

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Any addition comments on this waterway: \_\_\_\_\_

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Thank you for taking time to comment on this waterway. Your input as a mariner very valuable to the U. S. Coast Guard in evaluating waterways to make them safe and as easily navigable as possible. Please feel free to contact [D09-DG-District-D9-ATON-Support@uscg.mil](mailto:D09-DG-District-D9-ATON-Support@uscg.mil) with any other questions or concerns about any aids to navigation in the Great Lakes. The survey can be mailed to:

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

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## 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 6<sup>th</sup> 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.

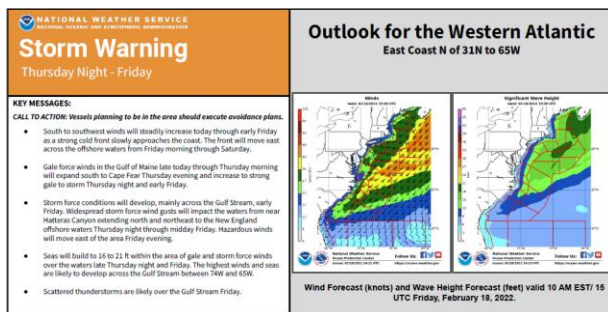
The NWS Ocean Prediction Center (OPC) and the NHC's Tropical and Analysis Forecast Branch (TAFB) will be providing weekly and situational reports to the USCG, who will then be making this information available to the public. Through the free online subscription service, GovDelivery, which currently offers 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:

[https://public.govdelivery.com/accounts/USDHSCG/subscriber/new?topic\\_id=USDHSCG\\_506](https://public.govdelivery.com/accounts/USDHSCG/subscriber/new?topic_id=USDHSCG_506)

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

[https://public.govdelivery.com/topics/USDHSCG\\_506/feed.rss](https://public.govdelivery.com/topics/USDHSCG_506/feed.rss)



*The Hazardous Weather Outlook will be extended to the Eastern Pacific*



## MICHIGAN DEPARTMENT OF NATURAL RESOURCES

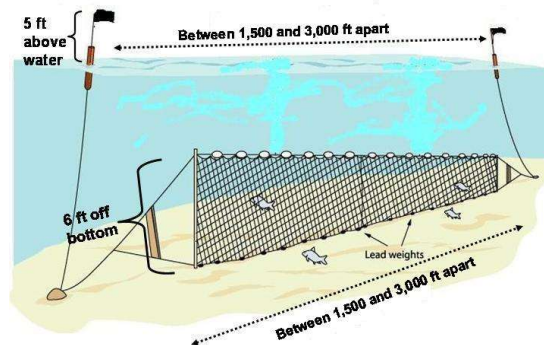
TO: All Mariners on Lake Superior

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

SUBJECT: Updated: R/V Lake Char operations in Lake Superior, April-June 2022

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

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



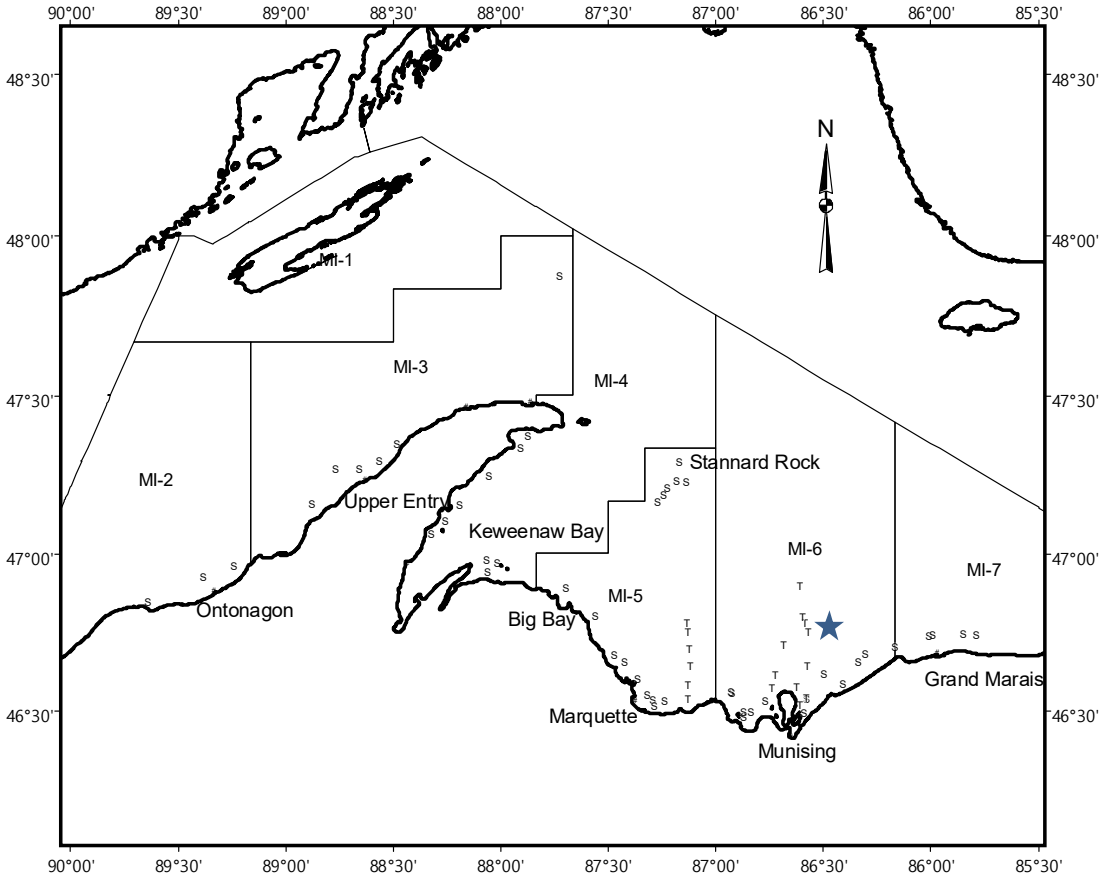
We will be conducting our surveys in the following areas of Lake Superior: west of Keweenaw Peninsula in the Ontonagon and upper entry regions; around Isle Royale, outer Keweenaw Bay from Bete Grise to the Huron Islands; Big Bay; Marquette; Au Train, Munising, Grand Marais, and Big Reef.

Attached is a general schedule and coordinates for our nets for the lake trout surveys. Please inform all pertinent personnel of our schedule. Please note that we can be reached via 800 MHz Radios on our primary

radio channel on Zone B, FIMARQT, or via marine radio channel 16. Our radio call sign is *R/V Lake Char*. We can also be reached on the boat via cell phone number 906-458-6925.

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

**2022 spring, deep water, Big Reef lake trout survey schedule for Marquette Fisheries Research Station (MFRS), Fisheries Division, Michigan Department of Natural Resources.**



Research Vessel Lake Char, MIDNR spring (circle), deep water (triangle), and Big Reef (star) lake trout survey stations.

**2022 R/V Lake Char lake trout survey schedule for Marquette Fisheries Research Station (MFRS), Michigan Department of Natural Resources. Updated 23 May 2022.**

Dates			Station	Site	Latitude	Longitude
5/23	-	05/24/2022	509	Big Bay (IN)-Thill	46 51.38 ' N	87 43.25 ' W
5/23	-	05/24/2022	513	Big Bay (OUT)-Thill	46 53.77 ' N	87 41.69 ' W
5/23	-	05/24/2022	522	Yellow Dog Point	46 48.23 ' N	87 33.38 ' W
5/24	-	05/25/2022	544	White Rocks-Thill	46 36.3 ' N	87 21.53 ' W
5/24	-	05/25/2022	547	Big Garlic-Thill	46 33.17 ' N	87 18.9 ' W
5/24	-	05/25/2022	548	Little Presque Isle North-Thill	46 32.25 ' N	87 17.13 ' W
5/25	-	05/26/2022	532	Marquette-Thill B	46 40.76 ' N	87 28.1 ' W
5/25	-	05/26/2022	535	Marquette-Thill A	46 39.41 ' N	87 24.96 ' W
5/26	-	05/27/2022	550	Marquette Beach-Thill	46 31.06 ' N	87 16.77 ' W
5/26	-	05/27/2022	552	Shot Point-Thill	46 31.93 ' N	87 13.76 ' W
5/31	-	06/01/2022	609	Table Top A	46 29 ' N	86 52 ' W
5/31	-	06/01/2022	610	Au Train Island-East	46 30 ' N	86 52 ' W
5/31	-	06/01/2022	614	Au Train Island-Brey	46 33.69 ' N	86 55.3 ' W
5/31	-	06/01/2022	614.1	Table Top	46 33.79 ' N	86 55.49 ' W
6/1	-	06/02/2022	612	Au Train Point-Brey, VLS	46 29.95 ' N	86 49.75 ' W
6/1	-	06/02/2022	629	Wood Island-VLS	46 32 ' N	86 46 ' W
6/2	-	06/03/2022	651	Trout Reef A-Brey (south)	46 29.69 ' N	86 35.09 ' W
6/2	-	06/03/2022	652	Trout Reef B-Brey (north)/ FAT 6-2	46 32.51 ' N	86 34.33 ' W
6/2	-	06/03/2022	667	Portal Reef-VLS	46 37.28 ' N	86 29.39 ' W
6/6	-	06/07/2022	710	Au Sable Point (site 1)	46 42.34 ' N	86 9.74 ' W
6/6	-	06/07/2022	730	Grand Marais (site 3)	46 44.48 ' N	86 0.22 ' W
6/7	-	06/08/2022	731	Grand Marais (site 4)	46 44.68 ' N	85 59.08 ' W
6/7	-	06/08/2022	734	Perry's Landing (site 6)	46 44.8 ' N	85 50.66 ' W
6/7	-	06/08/2022	735	Perry's Landing (site 7)	46 44.57 ' N	85 46.88 ' W
6/8	-	06/09/2022	680	Beaver Beach-VLS	46 35.32 ' N	86 24.12 ' W
6/8	-	06/09/2022	683	Beaver Hump B-Brey	46 39.55 ' N	86 19.86 ' W
6/8	-	06/09/2022	685	Beaver Hump C-Brey	46 40.95 ' N	86 17.8 ' W
6/20		06/24/2022	655	Big Reef	46 ° 48.5 ' N	86 ° 32.5 ' W

## Coast Guard "Cardinal Points"

**IN AN EMERGENCY.** If an emergency occurs during the event, such as a person overboard, medical problem, taking on water, or disabling damage from storm, unaccounted for paddlers, and assistance from the Coast Guard is required, we recommend you contact us via VHF-FM channel 16. You do not need to know what the closest Coast Guard station is -- we will determine that -- simply call "Mayday, mayday, mayday, Coast Guard, this is [vessel name] on channel 16, over." During your initial contact, we ask that you provide the following information:

- **Location** (GPS coordinates and/or geographic reference),
- **Nature of distress,**
- **Number of persons on board** and
- **Description of your vessel.**

If you have an EPIRB or PLB (preferred over SPOT devices) on board, activate that as well because the SARSAT satellite system has global coverage beyond VHF-FM or cellular antenna range. Launching of flares or displaying of other visual signaling devices should also be considered. Use of cellular telephones should be considered a tertiary means of distress alerting.

**WHAT TO EXPECT.** Once the Coast Guard receives your distress call, we can decide what the closest response units are, what capabilities to bring and approximately how long it will take to get to your location. The Coast Guard communications watch stander on the other end of the radio may have additional questions for you to further ascertain your situation. For those accustomed to police or fire units responding within a few minutes in your city, be aware that Coast Guard boats and helicopters may take longer to reach your location because we may have to transit dozens or even hundreds of miles. Do your best to stabilize your situation in the meantime. The Coast Guard can also provide basic first responder medical care from our boats or helicopters, but paramedic-level (and greater) medical support must be provided from land-based resources. Please be aware that we do not have divers with subsurface or SCUBA capability. Our helicopters carry a rescue swimmer who can conduct rescues on or near the surface only. If subsurface rescue may be required, let us know that as soon as possible because SCUBA capability must come from other agencies and can take hours to coordinate and transport.

**RESCUE 21.** The Coast Guard recently installed the Rescue 21 communications system around the Great Lakes, greatly increasing our reception and transmission capability. For event participants, your procedure for contacting us remains unchanged - see the "Mayday" call guidance in the "In an emergency" paragraph above. For our part, Rescue 21 allows us to

rapidly obtain a line of bearing from our radio towers to the location of the VHF-FM caller. This helps us home in on your position more quickly and easily, and also helps us catch hoax callers. Again, you do not need to know where our towers or stations are - call us on VHF-FM channel 16 and we will work with you on a case-by-case basis. In addition, all participating members are required to monitor their VHF-FM radios.

**IN CASE OF STORMS.** If severe storms do occur, it is up to event participants to decide whether to continue their courses or to divert toward cover or safe harbors. The Coast Guard cannot make that decision for you, and we are prohibited from providing specific sailing directions (courses to steer, etc.) to you. The Coast Guard communications watch stander can, however, transmit to you published/charted navigational aids, hazards and information that may be helpful in making your decision.

**A WORD ABOUT HYPOTHERMIA.** Even if air temperatures during the event days are warm and seasonable, be advised that lake temperatures will likely be cold enough in many locations to cause moderate to severe hypothermia within hours. Participants should dress themselves with those water temperatures in mind - and of course, wear their personal flotation device. Hypothermia is an insidious killer that catches unprepared people in the water off guard, so you stack the deck in your favor by wearing a survival suit, dry suit, wet suit or anti-exposure coveralls.

**NINTH COAST GUARD DISTRICT "SAR ETHOS."** The men and women of the Ninth Coast Guard District take our search and rescue (SAR) responsibilities very, very seriously. In fact, our philosophy, or "SAR Ethos" is to treat every potential victim as we would our own family. So know that if you get in trouble out there, we will do our very best. Good luck!

**GREAT LAKES SEARCH AND RESCUE LINE - 1-800-321-4400.**

Joint Rescue Coordination Center Cleveland  
Ninth Coast Guard District  
1240 E. 9th Street  
Cleveland, OH 44199

1-216-902-6117/6118/6109

[ninthdistrictcommandcenter@uscg.mil](mailto:ninthdistrictcommandcenter@uscg.mil)



DEPARTMENT OF HOMELAND SECURITY  
U.S. COAST GUARD

**PERMIT FOR MARINE EVENT**

Date Approved  
03/25/2022

Name of Event GLSS Port Huron to Mackinac Island Solo Challenge	Location Lake Huron	Date of Event 06/18/2022
Sponsoring Organization Great Lakes Singlehanded Society	Name of Representative (Last, First, MI) Reichling, Elisabeth	Title Race Director

**Your application for the following event is approved.** Special services to be rendered by the Coast Guard are listed. You are reminded that your organization is primarily responsible for safety in the regatta area and that this permit does not relieve you of such responsibility. Participants shall be adequately briefed and their boats equipped as required by law. A permit may also be required by a state, county or municipal agency. This authorization grants no exemption from state or local ordinances. In the event of any change in the information furnished in your application you will notify this office.

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| <p><input checked="" type="checkbox"/> There <b>will not be</b> a Special Local Regulation issued. No restriction is placed on the use of any navigable waters by other parties. Your event shall not obstruct any channel or normal shipping lane, or interfere with any aid to navigation. The Committeeman in Charge shall control participants to prevent conditions hazardous to other craft in the area.</p> <p><input type="checkbox"/> There <b>will be</b> a Special Local Regulation issued establishing a restricted area and other controls. You will be provided a copy for guidance. The Committeeman in Charge shall control participants to prevent conditions hazardous to other craft in the area.</p> | <p><input checked="" type="checkbox"/> There <b>will be</b> a Local Notice to Mariners issued to inform maritime interests and solicit their cooperation.</p> <p><input checked="" type="checkbox"/> There <b>will not be</b> a Regatta Patrol assigned by the Coast Guard.</p> <p><input type="checkbox"/> There <b>will be</b> a Regatta Patrol assigned by the Coast Guard. The attached instruction for Patrol Commanders outlines their responsibility and authority. You should work out specific details with the Patrol Commander.</p> <p><input checked="" type="checkbox"/> <b>Additional safety equipment</b> is stipulated below.</p> |
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The sponsor anticipates approximately 25 participating vessels, 26 feet or greater in length; Sailing vessels will monitor both CH 16 and 72. Reference application for event specifics. Race Director, Elisabeth Reichling's cell phone is (269)330-8868 and email is 'racedirectorglss@gmail.com'. The sponsoring organization must comply with all existing federal, state, local laws and other requirements that may impact your ability to hold your event as proposed. A reminder of two Inland Rules of the Road: 1. Compliance with Rule 9: in all narrow channels, a vessel of less than 20 meters in length or a sailing vessel shall not impede the passage of a vessel that can safely navigate only within a narrow channel or fairway. 2. In the event of restricted visibility, race participants will navigate in accordance with Rule 35 of the Inland Navigation Rules as well as all other pertinent Rules of the Road applicable to the current conditions. As the event sponsor, you remain responsible for the overall safety of this event. This may include providing instructions to the participants, verifying crew qualifications, conducting equipment inspections, providing rescue and first aid facilities, and controlling obstructions or menaces to navigation as applicable. You are also responsible for obtaining any additional permits from other national federal, state, or local authorities that may be required. The Ninth Coast Guard District strongly recommends that all participants wear either an inherently buoyant or inflatable Personal Flotation Device (PFD) with an affixed, registered Personal Locator Beacon (PLB) whenever underway, for the duration of this event. Enclosed is a copy of the Ninth Coast Guard District's "Cardinal Points" for Regattas. This document provides information concerning how to notify the Coast Guard should a distress situation develop during your event.

*Jason A Radcliffe*

Jason A. Radcliffe  
Lieutenant, U.S. Coast Guard  
Ninth Coast Guard District

DEPARTMENT OF HOMELAND SECURITY  
U.S. COAST GUARD

**PERMIT FOR MARINE EVENT**

Date Approved  
03/25/2022

<b>Name of Event</b> GLSS Chicago to Mackinac Island Solo Challenge	<b>Location</b> Lake Michigan	<b>Date of Event</b> 06/18/2022
<b>Sponsoring Organization</b> Great Lakes Singlehanded Society	<b>Name of Representative (Last, First, MI)</b> Reichling, Elisabeth	<b>Title</b> Race Director

**Your application for the following event is approved.** Special services to be rendered by the Coast Guard are listed. You are reminded that your organization is primarily responsible for safety in the regatta area and that this permit does not relieve you of such responsibility. Participants shall be adequately briefed and their boats equipped as required by law. A permit may also be required by a state, county or municipal agency. This authorization grants no exemption from state or local ordinances. In the event of any change in the information furnished in your application you will notify this office.

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| <input checked="" type="checkbox"/> There <b>will not be</b> a Special Local Regulation issued. No restriction is placed on the use of any navigable waters by other parties. Your event shall not obstruct any channel or normal shipping lane, or interfere with any aid to navigation. The Committeeman in Charge shall control participants to prevent conditions hazardous to other craft in the area. | <input checked="" type="checkbox"/> There <b>will be</b> a Local Notice to Mariners issued to inform maritime interests and solicit their cooperation.  |
| <input type="checkbox"/> There <b>will be</b> a Special Local Regulation issued establishing a restricted area and other controls. You will be provided a copy for guidance. The Committeeman in Charge shall control participants to prevent conditions hazardous to other craft in the area.  | <input checked="" type="checkbox"/> There <b>will not be</b> a Regatta Patrol assigned by the Coast Guard.  |
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The sponsor anticipates approximately 30 participating vessels, 26 feet or greater in length; Sailing vessels will monitor both CH 16 and 72. Reference application for event specifics. Race Director, Elisabeth Reichling's cell phone is (269)330-8868 and email is 'racedirectorglss@gmail.com'. The sponsoring organization must comply with all existing federal, state, local laws and other requirements that may impact your ability to hold your event as proposed. A reminder of two Inland Rules of the Road: 1. Compliance with Rule 9: in all narrow channels, a vessel of less than 20 meters in length or a sailing vessel shall not impede the passage of a vessel that can safely navigate only within a narrow channel or fairway. 2. In the event of restricted visibility, race participants will navigate in accordance with Rule 35 of the Inland Navigation Rules as well as all other pertinent Rules of the Road applicable to the current conditions. As the event sponsor, you remain responsible for the overall safety of this event. This may include providing instructions to the participants, verifying crew qualifications, conducting equipment inspections, providing rescue and first aid facilities, and controlling obstructions or menaces to navigation as applicable. You are also responsible for obtaining any additional permits from other national federal, state, or local authorities that may be required. The Ninth Coast Guard District strongly recommends that all participants wear either an inherently buoyant or inflatable Personal Flotation Device (PFD) with an affixed, registered Personal Locator Beacon (PLB) whenever underway, for the duration of this event. Enclosed is a copy of the Ninth Coast Guard District's "Cardinal Points" for Regattas. This document provides information concerning how to notify the Coast Guard should a distress situation develop during your event.

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Lieutenant, U.S. Coast Guard  
Ninth Coast Guard District

Everyone must pass between Mackinac Island and Round Island

Bois Blanc Island MUST be left to PORT

U.S. Weather Buoy #45003 (45° 21.05'N 82° 50.38'W) Must round to Port

Canadian Weather Buoy #45149 (43° 32.40'N 82° 04.20') Must round mark to PORT

The starting line shall be approximately 3.5 miles North of SARNIA YACHT CLUB at "G" mark which is located at 43 02.714 N 82 23.853 W. The line shall be between mark "G" on the west end of the starting line and the Race Committee boat located at the east end of the starting line.

