



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

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## LOCAL NOTICE TO MARINERS

**District: 9**

**Week: 43/23**

Issued by: Commander (dpw)  
Ninth Coast Guard District  
1240 East Ninth Street,  
Cleveland, OH 44199-2060  
Telephone: (571) 608-1683

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, 2023 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/local-notices-to-mariners-by-cg-district> 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 - B225-23 through B229-23

Ninth District - C175-23 through C177-23

Sector Detroit, MI - D132-22 through D133-23

Sector Lake Michigan, WI - M281-23 through M281-23

Sector Sault Ste Marie, MI - S105-23 through S105-23

The United States Coast Guard Navigation Information Service (NIS), operated by the USCG Navigation Center, is staffed 24 hours a day, 7 days a week. The NIS provides information on the current operational status, effective policies, and general information for GPS and DGPS. The

NIS also disseminates Safety Broadcasts (BNM), Local Notice to Mariners (LNM), and the latest Notice Advisory to Navstar Users (NANU). NANU notices can be obtained via email subscription through the USCG Navigation Center website: <https://cgls.uscg.mil/mailman/listinfo/nanu>. In addition, the NIS investigates all reports of degradation or loss of GPS, DGPS or AIS service. Users are encouraged to report all degradation or loss of radio navigation services to the NIS via any of the following: Phone: (703) 313-5900, mail to: [webmaster@smtp.navcen.uscg.mil](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

#### **SAFETY NOTICE - NAVIGATIONAL RANGE AND SECTOR LIGHTS ON ELECTRONIC CHARTS**

The U.S. Coast Guard has become aware that the Range and Sector Light Characteristic labels are not displayed on Electronic Navigational Charts (ENCs) when used in an Electronic Chart Display and Information System (ECDIS) due to limitations of the S-52 ECDIS display specification. Mariners may query the ENC data directly within ECDIS or refer to the Light List for complete information on Range and Sector Light Characteristics.

LNM: 39/22

#### **2023 Light List**

2023 Light Lists are now available on the USCG Navigation Center's website at: <https://www.navcen.uscg.gov/light-list-annual-publication>. Coast Guard Light Lists are a means for communicating aids to navigation information to the maritime public. Local Notice to Mariners will continue to advise Light List corrections and NAVCEN will continue to publish a compilation of corrections. Complete versions of the 2023 Light Lists are updated weekly on the NAVCEN website and mariners should download applicable copies and updates as needed at: <https://www.navcen.uscg.gov/weekly-light-lists>. A summary of weekly 2023 Light List corrections are available at: <https://www.navcen.uscg.gov/light-list-summary-of-corrections>.

LNM: 05/23

#### **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/>  
St. Paul: <https://www.mvp.usace.army.mil/>

LNM: 28/12

### **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

### **2023-2024 Icebreaking Operations**

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

LNM: 42/23

### **LAKE ONTARIO - Oswego, Port Ontario, Sacket Harbor- ATON Decommissioning**

Due to lower than anticipated water levels in Lake Ontario, the Coast Guard will be seasonally decommissioning a number of floating aids to navigation earlier than their advertised Light List date of Nov 01. The buoys affected are located in Sodus Bay, Oswego Harbor West Channel, Port Ontario and in vicinity of Sacket Harbor. Mariners are urged to use caution while transiting these areas.

LNM: 40/23

### **LAKE ERIE – Erie Harbor**

The Coast Guard will be seasonally disestablishing the following floating aids to navigation in Erie Harbor more than two weeks in advance of their advertised Light List dates:

Erie Harbor Entrance Lighted Bell Buoy 1  
Erie Harbor Entrance Lighted Buoy 5  
Erie Harbor Entrance Lighted Buoy 2

Mariners are urged to use caution while transiting these areas.

LNM: 42/23

### **LAKE ERIE – Fairport Harbor – Chart 14829**

The Coast Guard has established a virtual AIS aid to navigation at the entrance of Fairport Harbor to assist in identifying recent shoaling within the channel. The aid (MMSI: 993682815) is labeled W SHOAL 2 and identifies the encroachment of shoaling on the western side of the channel less than 18.5ft water depth. The aid is for reference only and is positioned based on most recent survey data, and does not account for periodic variations in the position of the shoal. Mariners are urged to use caution while transiting the area.

LNM: 21/23

### **LAKE ERIE – Portage River – Chart 14829**

Low power lines have been reported in the Portage River west of the Monroe Street Bridge in the vicinity of the draw bridge marina. The power lines are lower than the charted height of 83 feet above the low water datum of 1985. All mariners are requested to use caution when transiting the area.

LNM: 29/23

### **ST. CLAIR RIVER - Flats Canal - Chart 14854**

The Coast Guard has established three temporary danger buoys within the St. Clair Flats Canal, in the St. Clair River, to assist mariners in marking the partially submerged earthen dike along the southeast edge of the channel. The unlighted buoys will be evenly spaced along the dike, extending from the lower point of Seaway Island to the St. Clair Flats Danger Light (LLNR 9575). The buoy characteristics are white with orange in color and display the text "KEEP OUT" across the buoy body. The intent of the temporary project is to evaluate the effectiveness of the buoys in warning mariners of the dangers of leaving the marked channel and crossing over the submerged dike into the shallow flats east of the canal.

LNM: 21/23

### **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

**EASTERN STRAITS OF MACKINAC**

The Coast Guard will be seasonally disestablishing the following floating aids to navigation in the Eastern Straits of Mackinac more than two weeks in advance of their advertised Light List dates:

- Majors Shoal East Buoy 1 (LLNR 12595)
- North Graham Shoal Lighted Bell Buoy 3 (LLNR 12605)

Mariners are urged to use caution while transiting these areas.

LNM: 42/23

**LAKE MICHIGAN – Muskegon Channel – Chart 14906**

The Coast Guard has established a pair of virtual AIS aids to navigation at the entrance of Muskegon Harbor to assist in identifying recent shoaling within the approaches. V-AIS (MMSI: 993682821) identifies the encroachment of shoaling on the northern side of the channel less than 25ft water depth. Similarly, V-AIS (MMSI: 993682842) identifies shoaling on the south side of the channel less than 25ft. The aids are for reference only and are positioned based on most recent survey data and do not account for periodic variations in the position of the shoaling. Mariners are urged to use caution while transiting the area.

LNM: 24/23

**LAKE SUPERIOR – Keweenaw – Chart 14972**

Keweenaw Upper Entrance West Breakwater Light (LLNR 15115) was reported damaged and swept from its location on the breakwall. The approximately 20’ metal tower is submerged in vicinity of the breakwater at an unknown position. All mariners are urged to use caution when transiting the area.

LNM: 12/23

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**SECTION II - DISCREPANCIES**

This section lists all reported and corrected discrepancies related to Aids to Navigation in this edition. A discrepancy is a change in the status of an aid to navigation that differs from what is published or charted.

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**DISCREPANCIES (FEDERAL AIDS)**

LLNR	Aid Name	Status	Chart No.	BNM Ref.	LNM St	LNM End
<b>330</b>	<b>St. Lawrence Seaway Lighted Buoy 56</b>	<b>LT EXT</b>		<b>B228-23</b>	<b>43/23</b>	
<b>1790</b>	<b>Chaumont Bay Junction Lighted Buoy</b>	<b>LT EXT</b>		<b>B227-23</b>	<b>43/23</b>	
4575	Moseley Channel Range Rear Light	DAYMK MISSING		D095-23	32/23	
10575	Saginaw Bay Channel Lighted Buoy 2	LT EXT		D120-23	37/23	
13475	West Neebish Channel (Downbound) Upper Range Rear Light	DAYMK MISSING			36/23	
13960	Upper Nicolet Range Rear Light	DAYMK MISSING		S064-23	26/23	
14050	Six Mile Point Range Rear Light	DAYMK MISSING		S079-23	10/21	
14710	Big Bay Point Buoy 1	MISSING			24/23	
14775	Keweenaw Waterway Lighted Buoy 1	MISSING			24/23	
14785	Keweenaw Waterway Lighted Buoy 4	MISSING			24/23	
14890	Keweenaw Waterway Lighted Buoy 27	MISSING		S061-23	24/23	
14900	Keweenaw Waterway Junction Lighted Buoy "KW"	MISSING			24/23	
14945	Keweenaw Waterway Lighted Buoy 31	TRUB			24/23	
14960	Keweenaw Waterway Lighted Buoy 35	MISSING			24/23	
14975	Atlantic Point Lighted Buoy 37	MISSING			24/23	
14990	Keweenaw Waterway Lighted Buoy 42	MISSING			24/23	
15015	Keweenaw Waterway Lighted Buoy 49	TRUB			24/23	
15025	Keweenaw Waterway Lighted Buoy 50	TRUB			24/23	
15030	Keweenaw Waterway Lighted Buoy 51	TRUB			24/23	
15080	Keweenaw Waterway Lighted Buoy 61	TRUB			24/23	

15115	Keweenaw Upper Entrance West Breakwater Light	STRUCT DEST	S015-23	02/23
15765	Superior Front Channel Lighted Buoy 5	TRUB		24/23
15785	Superior Front Channel Lighted Buoy 9	TRUB		24/23
15875	Duluth Harbor Basin Lighted Buoy 2	TRUB	S036-23	13/23
16180	St. Louis River Upper Channel Lighted Buoy 4	TRUB		24/23
16205	Minnesota Channel (Eastern Section) Lighted Buoy 6	TRUB		24/23
16210	Minnesota Channel (Eastern Section) Lighted Buoy 7	TRUB		24/23
16220	Minnesota Channel (Eastern Section) Lighted Buoy 9	TRUB	S100-23	24/23
16225	Minnesota Channel (Eastern Section) Lighted Buoy 10	TRUB		24/23
16235	Minnesota Channel (Eastern Section) Lighted Buoy 14	MISSING		24/23
16240	Minnesota Channel (Eastern Section) Lighted Buoy 15	MISSING		24/23
16250	Minnesota Channel (Eastern Section) Lighted Buoy 19	MISSING		24/23
17210	Canoe Channel Daybeacon 8	STRUCT DEST/TRUB		23/22
17550	Kabetogama Lake Warning Daybeacon	STRUCT DEST	S114-22	34/22
17810	Beaver Island Shoal Northeast End Lighted Buoy 1	MISSING		24/23
17830	St. James Harbor Buoy 6	MISSING		24/23
17835	St. James Harbor Buoy 7	MISSING		24/23
17840	St. James Harbor Buoy 8	MISSING		24/23
19240	Grand River Buoy 71	ADRIFT	M201-23	29/23
19310	Lake Macatawa Lighted Buoy 1	TRUB		24/23
19350	Lake Macatawa Lighted Buoy 6	TRUB		24/23
19385	Lake Macatawa Lighted Buoy 10	TRUB		24/23
19400	Lake Macatawa Lighted Buoy 14	TRUB		24/23
19410	Lake Macatawa Lighted Buoy 16	TRUB		24/23
19420	Lake Macatawa Lighted Buoy 19	TRUB		24/23
19790	Chicago Lake Front Northeast Shoal Lighted Buoy 2	RAC INOP	M098-23	20/23
20430	Kenosha Breakwater Light	REDUCED INT	M123-23	22/23
22180	Green Bay Harbor Entrance Channel Range Front Light	DAYMK DMGD	M327-22	24/21
22185	Green Bay Harbor Entrance Channel Range Rear Light	DAYMK MISSING	M157-23	44/20

**DISCREPANCIES (FEDERAL AIDS) CORRECTED**

LLNR	Aid Name	Status	Chart No.	BNM Ref.	LNM St	LNM End
1800	Chaumont Harbor Light	RELIGHTED			43/23	43/23
2905	Buffalo Harbor South Entrance Light 2	RELIGHTED			42/23	43/23
3545	Erie Harbor Entrance Range Front Light	RELIGHTED			43/23	43/23
9690	Grande Pointe Light 23	RELIGHTED			42/23	43/23
15155	Keweenaw Point Lighted Buoy 1	WATCHING PROPERLY			24/23	43/23
15750	Superior Front Channel Lighted Buoy 1	WATCHING PROPERLY			24/23	43/23
21255	Cana Island Light	WATCHING PROPERLY			42/23	43/23

**DISCREPANCIES (PRIVATE AIDS)**

LLNR	Aid Name	Status	Chart No.	BNM Ref.	LNM St	LNM End
90	Aluminum Foundry Water Intake Buoy	LT EXT	14761	B173-23	31/23	

2271	R. E. Ginna Nuclear Security Zone No Entry Buoy A	MISSING			28/23
2271.1	R. E. Ginna Nuclear Security Zone No Entry Buoy B	MISSING		B144-23	28/23
2396	Olcott Harbor Detached Breakwater East Light	LT EXT	14800	B189-23	34/23
2740	Buffalo River Light 5	LT EXT			23/23
3300	Niagara Falls Transmission Line Light C	LT EXT			26/23
3305	Buckhorn Island Dike Light 1	LT EXT			26/23
3310	Buckhorn Island Dike Light 2	LT EXT			26/23
3615	Presque Isle Park Range Front Light	Status Unreported		B129-23	27/23
3620	Presque Isle Park Rear Range Light	LT EXT			34/23
3725	Conneaut Boat Club West Light	LT EXT			26/23
3910	Mentor Harbor Light 1	LT EXT		B196-23	35/23
3950	Chagrin West Pier Inner Light	LT EXT		B120-23	26/23
3975	Wildwood Park West Detached Breakwater Light	DAYMK MISSING			23/23
4150	North Coast Harbor Light 2	MISSING			28/23
4190	Whiskey Island Marina Entrance Light 1	LT EXT			23/23
4451	Vermilion Museum Lighthouse	LT EXT		B224-23	42/23
5247	Johnson Island Light 1	LT EXT		D007-23	11/23
5950	Davis-Besse Nuclear Power Plant Obstruction Buoy	MISSING			31/23
12585	Old Round Island Point Light	LT EXT		S006-23	01/23
19860	Filtration Plant Breakwater South End Light	LT EXT			16/23
19875	Jackson Park Outer Harbor Light 2	LT EXT		M225-23	32/23
19931	Thirty-First Street Jetty Danger Lighted Buoy A	MISSING			27/23
19932	Thirty-First Street Jetty Danger Lighted Buoy B	LT EXT			27/23
19933	Thirty-First Street Jetty Danger Lighted Buoy C	LT EXT			27/23
19956	Northerly Island Danger Lighted Buoy A	LT EXT			34/23
19956.1	Northerly Island Danger Lighted Buoy B	LT EXT			34/23
19956.2	Northerly Island Danger Lighted Buoy C	LT EXT			34/23
20387	Northpoint Marina Reef Obstruction Lighted Buoy B	MISSING			26/23
20388	Northpoint Marina Reef Obstruction Lighted Buoy C	MISSING			26/23
20389	Northpoint Marina Reef Obstruction Lighted Buoy D	MISSING			26/23
20470	Racine Launch Basin Entrance Light	LT IMCH			22/23
20490	Racine East Harbor Entrance Light 2	LT EXT		M212-23	31/23
20500	Racine Harbor Light 5	LT EXT		M174-23	27/23
20515	Racine Harbor Light 9	LT EXT		M175-23	27/23
20550	Racine Harbor Junction Light	LT EXT		M265-23	37/23
20729	South Shore Park Entrance Lighted Buoy 1	MISSING		M169-23	27/23
20730	South Shore Park Entrance Lighted Buoy 2	MISSING		M170-23	27/23
20755	Mickinley Marina Light 1	REDUCED INT			25/23

#### DISCREPANCIES (PRIVATE AIDS) CORRECTED

LLNR	Aid Name	Status	Chart No.	BNM Ref.	LNM St	LNM End
5305	East Harbor Entrance Light 1	WATCHING PROPERLY			21/23	

#### 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	14786		17/19	
8240	William Livingstone Memorial Light	Reduced Intensity			33/21	
9690	Grande Pointe Light 23	TRLT			47/20	
14540	Little Lake Harbor Light 2	DISCONTINUED FOR DREDGING	14961		47/22	
15220	Ontonagon Harbor East Breakwater Light	DISCONTINUED			02/22	
16963	Driftwood Point Light	DISCONTINUED			45/20	

**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	074-02-48.001W
	Green can					
Corrective Action	Object of Corrective Action			Position		

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

<b>12348</b>	<b>34th Ed.</b>	<b>01-JUN-10</b>	<b>Last LNM: 38/20</b>	<b>NAD 83</b>	<b>43/23</b>
Chart Title: Hudson River Cocksackie to Troy					

LAST EDITION No new editions of chart 12348 will be published. It will be canceled on 31-Jan-24. Comparable or larger scale Electronic Navigational Chart (ENC) coverage is available. See "Cancellation of NOAA Paper and Raster Nautical Charts" in Section I of this LNM for details. A list of all canceled NOAA charts is at <https://www.charts.noaa.gov/MCD/Dole.shtml>.

NOS

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14820 22nd Ed. 01-MAY-20 Last LNM: 48/19 NAD 83 43/23

ChartTitle: Lake Erie

Main Panel 1134 LAKE ERIE --. Page/Side: -

ADD Detroit Wayne County Port Authority Pier Light A  
White  
FI W 4s

CGD09

at 42-19-36.900N

083-02-29.000W

ADD Detroit Wayne County Port Authority Pier Light B  
White  
FI W 4s

CGD09

at 42-19-37.800N

083-02-26.600W

**SECTION V - ADVANCE NOTICES**

This section contains advance notice of approved projects, changes to aids to navigation, or upcoming temporary changes such as dredging, etc. Mariners are advised to use caution while transiting these areas.

**SUMMARY OF ADVANCED APPROVED PROJECTS**

**Approved Project(s)**

None

**Project Date**

**Ref. LNM**

**Advance Notice(s)**

**LAKE MICHIGAN – Waugoshance Point – Chart 14911**

The Coast Guard is considering changing the operation of Garden Island Shoal Lighted Bell Buoy 1 (LLNR 21540) by eliminating the seasonal winter mark. The seasonal winter mark is routinely unreliable due to ice conditions and is often found off station or sunk during spring servicing.

LNM: 23/23

**LAKE MICHIGAN – Waugoshance Point – Chart 14911**

The Coast Guard is considering changing the operation of Ojibwa Island Shoal Buoy 1 (LLNR 21565) from permanent to seasonally relieved. The buoy is routinely unreliable due to ice conditions and is often found off station or sunk during spring servicing. The change would upgrade the seasonal buoy to a radar reflective can and significantly increase its radar detection range when on station.

LNM: 23/23

**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**

**Proposed Project(s)**

None

**Closing**

**Docket No.**

**Ref. LNM**

**Proposed Change Notice(s)**

**LAKE ERIE – Toledo Harbor – CHART 14845**

The Coast Guard is considering changing the operation of the sound signal on Toledo Harbor Light (LLNR 6030) from seasonally operating continuously April 1st to December 1st, to Mariner Radio Activated Sound Signal (MRASS) year-round. The sound signal would be activated by keying the microphone five or more times on VHF FM channel 83A / 157.175MHz.

LNM: 36/23

**LAKE ERIE – Detroit – CHART 14854**

The Coast Guard is considering changing the operation of the sound signal on Detroit River Light (LLNR 6885) from operating continuously, to Mariner Radio Activated Sound Signal (MRASS) year-round. The sound signal would be activated by keying the microphone five or more times on VHF FM channel 83A / 157.175MHz.

LNM: 36/23

**For any comments or questions on these proposed changes please contact:**

The Ninth District Aids to Navigation manager at Brian.D.Hawkins2@uscg.mil or call (206) 815-0913.

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 is currently recategorizing regional waterways to prioritize areas that require more frequent review and analysis. These studies focus primarily on the aids to navigation in the waterway, and are set to resume in 2024. Selected waterways will be listed below. 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 listed waterways can be sent to Brian.D.Hawkins2@uscg.mil or by calling (206) 815-0913. 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.

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 – Oswego Harbor – Chart 14800

From 30 June 2023 to 31 October 2023 Dean Marine and Excavating, INC will be conducting construction and breakwall repair in the Oswego Harbor. Hours of operation are from 0630 to 19007 days a week. ST-911 Enduring Freedom can be contacted on VHF channel 16. All mariners are requested to transit the area with caution.

LNM: 22/23

### LAKE ONTARIO – Oswego Harbor – Chart 14800

From 10 Oct 2023 to 25 Oct 2023 BIDCO Marine Group will be conducting geotechnical drilling operations in Oswego River and the breakwaters. The project site is located within Oswego Harbor along the East Breakwater and within the Oswego River and in Oswego, New York. Latitude: 43°28'15.0"N Longitude: 76°30'33.7"W. Work starting Tuesday 10/10/23 – 10/25//23, M-F 0700-1530. The spud barge on scene can be contacted on VHF channel 16. All mariners are requested to transit the area with caution.

LNM: 40/23

### LAKE ONTARIO – Little Sodus Bay – Chart 14800

There is an uncharted breakwall along the shore extending from the west side of Little Sodus Bay entrance to the boat ramp of West Barrier Bar County Park. The breakwall is unmarked and unlit. Visibility of the breakwall may be impacted due to high water. All mariners are requested to transit the area with caution.

LNM: 19/23

### LAKE ERIE - Buffalo River – Chart 14833

From 14 Aug 2023 to 31 Oct 2023 BIDCO Marine Group Inc will be conducting Spud barge and equipment will be moored near the breakwater for dredging operations against the bulkhead operations in Buffalo Harbor, Black Rock Canal Entrance Channel in positions Latitude: 42°53'16.0"N Longitude: 78°53'28.1"W. Hours of operations are from 0700 to 1530 Monday through Friday. Spud barges on scene can be contacted on VHF channel 16. All mariners are requested to transit the area with caution.

LNM: 33/23

### LAKE ERIE - Buffalo – Chart 14838

From 1 July 2023 to 15 December 2023 Ryba Marine Construction will be conducting repairs to the Buffalo north breakwater. 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: 22/23

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

A submerged breakwater is being constructed in Ashtabula Harbor, to be connected to the existing East Breakwater. The submerged breakwater will be connected to the East Breakwater at the first angle point of the East Breakwater, as entering the harbor, from the lake. All elevations referenced are referred to Low Water Datum (LWD), IGLD 1985.

The center line of the submerged breakwater approximately follows the same azimuth as the first segment of the East Breakwater, in a south easterly direction, for approximately 1000', then slightly bends to the east for another two segments, for approximately 500'.

The first 1000' (Area "A") has a crest design height of -2.0' with a crest width of 9', and a footprint of approximately 150', with the next 100' transitioning to the dimensions in the next item.

The final 400 (Area "B") has a crest height of -5.0', with a crest width of 9', and a footprint of approximately 50'.

The coordinates, in decimal degrees, are as follows:

1. 41.918447801N 80.790362308W
2. 41.916367139N 80.788014301W
3. 41.916189406N 80.787730327W
4. 41.916026216N 80.787424318W
5. 41.915640784N 80.786454826W

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

6. 41.916242815N 80.783904852W

All mariners are requested to transit the area with caution.

LNM: 17/23

**LAKE ERIE – Fairport Harbor – Chart 14829**

The Army Corp of Engineers will be deploying new research buoys in the vicinity of Fairport Harbor in positions.

A 41-710366N 81-383600W

B 41-760039N 81-280720W

C 41-764492N 81-247534W

D 41-772914N 81-239151W

E 41-780165N 81-242502W

F 41-770848N 81-227184W

G 41-775474N 81-212654W

H 41-780889N 81-198304W

I 41-800360N 81-154247W

All mariners are requested to transit the area with caution.

LNM: 17/23

**LAKE ERIE – Vermilion – Chart 14839**

From 7 August 2023 to 4 Dec 2023 Mark Excavating and Trucking Inc will be conducting reconstruction of the West Pier in Vermilion OH. Hours of operation will be from sunrise to sunset Monday thru Friday. No vessels will be used and work will be performed adjacent to the existing west pier from the west side of the pier with excavators. All mariners are requested to transit the area with caution.

LNM: 28/23

**DETROIT RIVER– Detroit – Chart 14854**

From 1 April 2023 to 1 November 2023 J.F. Brennan Co Inc will be installing turbidity curtain enclosures and material placement/capping in the Detroit River. Approximate upstream location of 42° 19' 16.76" N, 083° 03' 29.93" W. Approximate downstream location of 42° 19' 10.28" N, 083° 03' 54.59" W up to 225 feet off the shoreline. Hours of operation are from 0600-1800 7 days a week. M/V Shawondasse can be contacted on VHF channel 13. Work area inclosed with turbidity curtain anchored with 4" steel posts every 25 feet. All Marine work will be within this enclosure after mobilization of equipment. All mariners are requested to transit the area with caution.

LNM: 11/23

**LAKE HURON - Saginaw Bay – Chart 14860**

From 30 Oct 2023 to 15 Dec 2023 Great Lakes Dock and Materials will be conducting structure demo and rebuild at the NW shore of shelter and Channel Island in Saginaw Bay. Hours of operation are 24 hours a day 7 days a week. Barge Hanna Avery and Jacquelyn, Tug George F Bailey and Fischer Hayden can be contacted on VHF channels 16 and 18. All mariners are requested to transit the area with caution.

LNM: 41/23

**ST MARYS RIVER- 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

**LAKE MICHIGAN – Waukegan – Chart 14904**

From 15 May 2023 to 31 Oct 2023 Michels Construction will be performing Break Wall construction between North Point Marina and Waukegan harbor, along the shores of Illinois State Beach Park. Operations will be 24 hours a day, 7 days a week. Consisting of material barges, spud barges, and tugboats. There will be 2 anchor buoys roughly 3,000 ft offshore that will be lighted. Barges will be tied up on these anchors at all times. The First location of the anchors will be as follows: Anchor 1 - 42.25°49.14"N 87.47°35.73"W Anchor 2 – 42.25°22.01"N 87.47°35.49"W. These will be on locations from 5.15.23 to 12.1.23. Lighted Danger buoys will be placed along the work area where construction is taking place. Tug Ruth Lucille, Leona B, and Kimberly will be available on VHF channel 16.

LNM: 24/23

**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 – Port Sheldon – Chart 14932**

Shoaling has been reported near Pigeon Lake at the Port Sheldon entrance. 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: 15/23

**LAKE MICHIGAN – Manistee River – Chart 14904**

Great Lakes Engineering Group will be conducting dive operations in the Manistee River between Douglas Park boat ramp and the Cypress St Bridge at positions 44.247024 N -86.335757 W, 44.248494 N -86.324000 W, AND 44.248756 -86.323130 W. on 12 Oct from 1000 to 1700. All mariners are requested to maintain slow speed/No wake and transit the area with caution. Any concerned traffic can contact the diving supervisor at 517-

**LAKE MICHIGAN – Manistee River – Chart 14904**

282-2410 or VHF channel 16.

LNM: 41/23

**LAKE MICHIGAN – Muskegon Channel – Chart 14906**

The Coast Guard has received reports that the depths at the entrance to Muskegon Lake are less than the charted depths. All mariners are requested to transit the area with caution.

LNM: 17/23

**LAKE MICHIGAN – Muskegon Channel – Chart 14906**

From 30 Oct 2023 to 30 Nov 2023 the King Company will be conducting hydraulic dredging in the Muskegon outer channel. Hours of operation are 24 hours a day 7 days a week. Submerged pipe laying on the lake floor marked by orange round buoys every 500 feet. (2) white buoys will be seen North and South of the dredge. The white buoys indicate winch anchor locations. Disposal area starts south of the pier 2,800' and runs for an additional 3,000'. During rough seas our pipe pontoon will be floating outside of the channel. It is bright yellow, 25'x8'x6' and has (2) flashing lights on each end that come on at night.

LNM: 43/23

**LAKE MICHIGAN – Sheboygan River – Chart 14922**

Shoaling has been reported in entrance of the Sheboygan River in the vicinity of 43-44.928N, 087-42.170W AND 43-44.936N, 087-42.110W. 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: 24/22

**LAKE MICHIGAN – Sheboygan – Chart 14924**

From 12 Aug 2023 to 31 Jan 2023 the Kokosing Industrial Inc will be conducting pipeline installation, dredging and diving operations at the Sheboygan Water Utility in Sheboygan, WI. Hours of operation from 0700 to 1900 7 days a week.. Tug Nancy Anne and Tug WM Boyd can be contacted on VHF channels 13 and 16. All mariners are requested to transit the area with caution

LNM: 33/23

**LAKE MICHIGAN – Sheboygan - Chart 14903**

From 5 May 2023 to 1 December 2023 Kokosing Industrial Inc will be conducting pipeline installation and dredging in Sheboygan WI. Hours of operations are from 0700 to 1900 with a possibility of 24 hour operations 7 days a week. Tug Nancy Anne can be contacted on VHF channels 13 and 16. Kokosing IV barge will be working on spuds with accompanying Tug Nancy Anne. Operations will be approximately 1.25 miles north of Sheboygan river entrance. Diving operations are present, nearby vessels maintain 500 foot CPA, minimum. Pleasure craft and passing vessels should remain a safe distance from the work at all times. Additional barges will be moored on anchor buoys inside the Sheboygan river breakwalls. All mariners are requested to transit the area with caution.

LNM: 18/23

**LAKE MICHIGAN – Rawley Point – Chart 14902**

On June 1, 2023 a wave monitoring buoy has been deployed 22 nautical miles ESE off Rawley Pt. in position 44° 03' 18.000" N, 87° 03' 0.000" W. Depth 145 meters.

The duration is as follows: Station instrumented seasonally May to October

This buoy is to be maintained for USACE as part of the Coastal Data Information Program (CDIP). The wave buoy is a 3 foot diameter sphere with an attached telemetry whip antenna and a night time yellow color warning flashing light. The light timing sequence is a series of 5 flashes at 1-second intervals with a period of 20 seconds between each series. The buoy is painted yellow and marked "Wave Buoy" with the phone number 858- 534-3032.

LNM: 23/23

**LAKE MICHIGAN – Sheboygan – Chart 14924**

From 6 July 2023 to 31 Jan 2024 Kokosing Industrial will be conducting pipeline installation dredging and diving. Hours of operation are 0700 to 1900 normally 7 days a week with a possibility of 24 hours when needed. Tug Nancy Anne and Tug WM Boyd can be contacted on VHF channels 13 and 16. Mooring buoys will be located 1500 ft due north of the Sheboygan Water Utility. All mariners are requested to transit the area with caution.

LNM: 28/23

**LAKE MICHIGAN – Green Bay – Chart 14902**

From 07 Sep 2023 to 31 Dec 2023 Roen Salvage Company will be conducting mooring dolphin installation and grudging at the Holcim Green Bay Terminal. Hours of operation are 24 hours a day 7 days a week. Tug David R Schanock can be contacted on VHF channels 7 and 16. All mariners are requested to transit the area with caution.

LNM: 30/23

**LAKE MICHIGAN – Milwaukee Harbor – Chart 14924**

The Coast Guard has commissioned three temporary red buoys in the Milwaukee River on the south side of the Broadway Street Bridge (MM 0.79) towards the decommissioned railroad swing bridge for dredging operations. The center buoy is lighted displaying a red quick flash. All mariners are requested to transit the area with caution. For further details, contact Sector Lake Michigan at (414) 747-7182 or VHF channel 16.

LNM: 25/23

**LAKE MICHIGAN – Milwaukee - Chart 14924**

From 15 August 2023 to 6 Nov 2023 Great Lakes Dock and Materials LLC will be conducting breakwater repair of south shore breakwater at the North section in Milwaukee. Hours of operation are 24 hours a day 7 days a week. Barge Justin Avery, Tug Defiance and Tug George F. Biley can be contacted on VHF channels 16 and 18. All mariners are requested to transit the area with caution.

LNM: 28/23

**LAKE SUPERIOR – Little Lake Harbor – Chart 14961**

Shoaling has been reported in the entrance of Little Lake Harbor exceeding 5 feet above low water datum near the channel edges. Some cross sections of the channel are shoaled nearly the full width to 2 feet or more above low datum. The harbor should not be considered as a functional harbor or refuge. All mariners are requested to transit the area with caution.

LNM: 47/22

**LAKE SUPERIOR – Duluth Harbor - Chart 14975**

From 23 Aug 2023 to 5 Nov 2023 J.F. Brennan Company will be dredging in the Duluth-Superior Harbor (areas 3, 6, 8, 14 and 19). Hours of operation are 24 hours a day Monday through Saturday. M/V Glenn Green can be contacted on VHF channels 13 and 16. All mariners are requested to transit the area with caution.

LNM: 34/23

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

From July 2022 to November 2023 J.F. Brennan Company, Inc will be conducting Hydraulic Dredging operations are to be conducted in this area, with a sunken dredge pipeline running north from near the Spirit Lake Marina to Hallett Dock #7 along the western shoreline of the St. Louis River. The pipeline will be demarcated with buoys along the entirety of the pipe, approximately every 500 FT. Floating booster pump platforms will be between Hallett Dock #7 and Spirit Lake Marina, with construction signage upstream and downstream of the work zone. The work zone will mainly be between Munger Landing and the island just to the east of the landing. Within the work zone, there will be several pieces of equipment along with floating dredge pipelines.

LNM: 26/22

**LAKE OF THE WOODS – Zippel Bay**

AMI Consulting Engineers will be deploying doppler Buoys in the Lake of the Woods near Zippel Bay State Park, Pine Island, Curry Island and Sabel Island. Mariners are advised to be aware, be cautious, and do not anchor near the four 12’ white buoys that will be in Lake of the Woods at specified locations from Oct 4th to Oct 21st.

LNM: 41/23

**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	
8200.1	DETROIT WAYNE COUNTY PORT AUTHORITY PIER LIGHT A	42-19-36.900N 083-02-29.000W	Fl W 4s				Maintained year round. Private Aid.	43/23
*	*	*	*	*	*	*	*	*
8200.2	DETROIT WAYNE COUNTY PORT AUTHORITY PIER LIGHT B	42-19-37.800N 083-02-26.600W	Fl W 4s				Maintained year round. Private Aid.	43/23
*	*	*	*	*	*	*	*	*

**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  
LNM: 19/19

**(8) LNM Section VIII - Light List Corrections**

N/A  
LNM: 19/19

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J. P. Hickey, 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
			20-Oct	27-Oct	3-Nov	10-Nov	17-Nov
<b>GREAT LAKES</b>							
Lake Ontario		243.3	19	18	17	15	14
Lake Erie		569.2	35	34	33	32	30
Lake St. Clair		572.3	34	33	32	30	29
Lake Michigan-Huron		577.5	22	21	20	20	19
Lake Superior		601.1	12	12	11	10	9
<b>ST. LAWRENCE RIVER</b>							
Above Long Sault Dam	0	237.9	12	13	12	10	7
Above Iroquois Dam	1	240.3	10	11	9	8	5
Ogdensburg	2	242.4	15	14	13	11	9
Alexandria Bay	2.1	243.0	18	17	16	14	13
Head of river at Cape Vincent	3	243.3	19	18	17	15	14
<b>DETROIT RIVER</b>							
Lake Erie at Pelee Passage	4	569.2	35	34	33	32	30
Mouth of River at Gibraltar	5	569.5	36	35	33	32	30
Fort Wayne	5.1	571.1	38	37	35	34	33
Head of River above Belle Isle	6	572.0	35	34	33	31	30
<b>ST. CLAIR RIVER</b>							
Mouth of River at St. Clair Flats	7	572.3	34	33	32	30	29
Algonac	8	572.8	37	35	34	33	32
St. Clair	9	574.4	30	29	28	27	26
Blue Water Bridge	10	576.2	28	28	27	26	25
Head of River at Fort Gratiot	11	577.2	24	24	23	22	21
Lake Huron Approach Channel	12	577.5	22	21	20	20	19
<b>ST. MARYS RIVER</b>							
Mouth of River at Detour	13	577.5	22	21	20	20	19
West and Middle Neebish	14	577.8	19	19	18	18	17
Head of Little Rapids	15	578.4	16	16	15	14	13
U.S. Slip	16	578.7	14	14	13	12	12
Above Locks	17	600.4	14	13	12	11	10
Head of River at Point Iroquois	18	601.1	12	12	11	10	9

### 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.

<b><u>Location</u></b>	<b><u>Name of Event</u></b>	<b><u>Date / Time</u></b>	<b><u>POC</u></b>	<b><u>Tel #</u></b>
<b><u>LAKE ONTARIO</u></b>				
Rochester, NY	Rochester Frosbite Racing	5/25/2023-4/28/24	1300/1500	William Dexter 585-461-2422
Rochester, NY	RYC High School Sailing	9/5/2023 to 11/10/2023	0900/1700	Peter Mendick 585-342-5511

**LAKE ERIE**

N/A

**DETROIT RIVER**

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

N/A

**LAKE HURON**

N/A

**LAKE MICHIGAN & Green Bay**

N/A

**LAKE SUPERIOR**

N/A

## CURRENT NINTH DISTRICT BRIDGE MAINTENANCE/ACTIVITIES

### Local Notice to Mariner Week [43/23]

**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.

There is a Microsoft Teams meeting with the US Coast Guard, Mariners, and Bridge Owners being held on the last Wednesday of every month, and **YOU** are welcome to join in.

#### Join on your computer or mobile app

[Click here to join the meeting](#)

#### Or call in (audio only)

[+1 410-874-6742,,515305017#](#)

Phone Conference ID: 515 305 017#

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 (571) 607-4154 or [Lee.D.Soule@uscg.mil](mailto:Lee.D.Soule@uscg.mil)  
Michael Walker (571) 613-0024 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:

#### FEDERAL REGULATIONS DOCKET STATUS

USCG-2023-0183 - FR – River Rouge – to Legal Review and Command Approval  
USCG-2023-0184 - FR – Maumee River – to Legal Review and Command Approval  
USCG-2023-0185 - FR – Sandusky Bay – to Legal Review and Command Approval  
USCG-2023-0186 - FR – Portage River – to Legal Review and Command Approval  
USCG-2023-0187 - FR – Black River – to Legal Review and Command Approval  
USCG-2023-0188 - FR – Cuyahoga River – to Legal Review and Command Approval  
USCG-2023-0189 - FR – Ashtabula River – to Legal Review and Command Approval

#### 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)

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

From April 1, 2023, through **July 1, 2024**, snooper trucks will be working under the E-182 Main Street Bridge, mile 278.93, 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.

[12/22]

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

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

From August 4, 2023, through **October 31, 2023**, between the hours of 0900 and 1500, workers will be using snooper trucks under the E32 State Route 167 Bridge at Mile 79.74 over the Erie Canal to preform scheduled maintenance. Spotters will warn of approaching vessels and move the man lift to allow vessels to pass.

[31/23] [34/23]

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

From March 15, 2024, through **January 31, 2025**, daily, contractors will utilize scaffolding and man lifts above low steel of the E144C I-390 Bridge at mile 258.65 and the E144D I-390 Bridge at mile 258.68 over the Erie Canal.

[42/23]

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

From October 18, 2023, through **November 1, 2023**, scaffolding that hangs approximately 7-feet from low steel will be installed under the one half of the open drawspan of the E187 East Avenue Bridge at mile 283.48 over the Erie Canal. Steady burning yellow lights will warn of the temporary reduction in vertical clearance.

[42/23]

## **LAKE ONTARIO**

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

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

#### **OH - LAKE ERIE – Toledo Harbor – Chart 14847**

From July 1, 2019, through **December 1, 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] [14/23] [37/23]

#### **NY - LAKE ERIE – Buffalo Harbor – Chart 14833**

The Coast Guard has received a report that scaffolding that hangs approximately 10-feet below low steel will be installed on the Canadian side of the Canadian National International Bridge at Mile 1.5 over the Niagara River from July 31, 2023, through **November 30, 2023**. The U.S. side will remain clear of any equipment.

[26/23]

#### **NY - LAKE ERIE – Buffalo Harbor – Chart 14833**

From January 1 through **March 31, 2024**, the Canadian National International Railroad Bridge at mile 3.8 over the Black Rock Canal will be secured to masted navigation for maintenance. Vessels able to pass under the bridge without an opening may do so at any time.

[30/23]

#### **NY - LAKE ERIE – Buffalo Harbor – Chart 14833**

From January 1 through **March 31, 2025**, the Canadian National International Railroad Bridge at mile 3.8 over the Black Rock Canal will be secured to masted navigation for maintenance. Vessels able to pass under the bridge without an opening may do so at any time.

[30/23]

#### **NY - LAKE ERIE – Niagara River – Chart 14833**

From August 28, 2023, through **July 26, 2026**, scaffolding that extends approximately 3-feet below low steel will be installed under the South Grand Island Bridge at Mile 3.40 and the North Grand Island Bridge at Mile 18, both over the Niagara River. A 16-foot by 32-foot materials barge and a 4-foot by 40-foot temporary dock will be used under the bridges.

[32/23]

#### **OH - LAKE ERIE – Otter Creek – Chart 14846**

The Coast Guard has received a report that back fill extending approximately 14-feet has been added to the Norfolk Southern Railroad Bridge at mile 1.8 over Otter Creek. Steady burning red lights will warn mariners of the temporary reduction in horizontal clearance. The temporary reduction may last until **March 31, 2024**, before permanent repairs can be made.

[36/23]

#### **OH - LAKE ERIE – Cuyahoga River – Chart 14839**

From June 1, 2024, through **September 30, 2026**, daily scaffolding will be installed under the I-490 Bridge at mile 4.79 over the Cuyahoga River that hangs approximately 4-feet below low steel. Snooper vehicles and manlifts will be used. Spotters will warn workers of approaching vessels and move the manlift to allow vessels to pass.

[43/23]

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

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

#### **MI - DETROIT RIVER – Main Channel – Chart 14848**

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]

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

#### **MI - DETROIT RIVER – Belle Island – Chart 14848**

From March 1, 2023, through **October 31, 2023**, between the hours of 0700 and 1900, Monday through Saturday, eight barges 150-feet by 60-feet or smaller will be working under the MacArthur Bridge at Mile 24.0 over the Detroit River. The barge under the navigation span will monitor VHF-FM Channel 16 and will move to accommodate vessels if a 15-minute advance notice is provided. For additional safety the barges will be equipped with flashing yellow lights one meter apart. The green navigation light in the drawspan occupied with equipment will be extinguished.

[37/22] [20/23]

#### **MI - St. Clair River – Pine River – Chart 148**

From October 23 through **October 27, 2023**, between the hours of 0800 and 1700 daily, inspectors will be using snooper vehicles at the Craig Memorial Bridge at Mile 3.30 over the Maumee River. The bridge will require a 30-minute advance notice except on Tuesday and Wednesday when a 3-hour advance notice will be required. Mariners should provide the advance notice directly to the drawtender on VHF-FM Marine Channel 16 or by calling 810-329-9420.

[24/23]

### **LAKE HURON**

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

#### **MI - LAKE HURON – Saginaw River – Chart 14867**

From April 24 through **December 1, 2023**, the Independence Street Bridge at Mile 3.88 over the Saginaw River will require a 2-hour advance notice for openings. Two barges 80-foot by 40-foot or smaller will be working under the bridge. The barges will move with a 2-hour advance notice. Mariners should provide advance notice for the bridge or barges by calling 608-425-0171.

[15/23] [34/23]

#### **MI - LAKE HURON – Saginaw River – Chart 14867**

From December 1, 2023, through **March 31, 2024**, the Independence Street Bridge at Mile 3.88, over the Saginaw River will be secured to masthead navigation. Vessels able to pass under the bridge without an opening may do so at any time. Two barges 80-foot by 40-foot or smaller will be working under the bridge. The barges will move with a 2-hour advance notice. Mariners should provide advance notice for the bridge or barges by calling 608-425-0171.

[17/23]

#### **MI - LAKE HURON – Saginaw River – Chart 14867**

from October 13 through **November 30, 2023**, between the hours of 0700 and 1800, Monday through Saturday, two 40-foot by 20-foot barges and two 80-foot by 60-foot barges will be repairing rip rap around the I-75 Bridge mile 14.61 over the Saginaw River. The barges will monitor VHF-FM Marine Channel 16 and move if a 1-hour advance notice is provided.

[30/23]

### **MI - LAKE HURON – Saginaw River – Chart 14867**

November 30 through **December 30, 2023**, between the hours of 0700 and 1800, Monday through Saturday, two 40-foot by 20-foot barges and two 80-foot by 60-foot barges will be repairing rip rap around the I-675 Bridge mile 18.38 over the Saginaw River. The barges will monitor VHF-FM Marine Channel 16 and move if a 1-hour advance notice is provided.

[30/23]

### **MI-LAKE HURON- Inland Route - Chart 14886**

The Coast Guard is altering the operating schedule that governs the US 23 Highway Bridge, mile 0.92, across the Cheboygan River – Part of the Inland Route at Cheboygan, Michigan. This rule is effective November 13, 2023. To view documents in the docket, go to <https://www.regulations.gov>. Type the docket number USCG–2023–0113 in the “SEARCH” box and click “SEARCH”. In the Document Type column, select. “Supporting & Related Material.” FOR FURTHER INFORMATION CONTACT: If you have questions on this rule, call or email Mr. Lee D. Soule, Bridge Management Specialist, Ninth Coast Guard District; telephone 216–902–6085, email [Lee.D.Soule@uscg.mil](mailto:Lee.D.Soule@uscg.mil).

[42/23]

## **LAKE MICHIGAN – EAST**

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

### **MI - LAKE MICHIGAN – Charlevoix Harbor – Chart 14942**

From 0700 on January 1, 2024, through 0700 on **March 31, 2024**, 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.

[32/22] [33/22]

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

### **MI - LAKE MICHIGAN – Manistee Harbor – Chart 14938**

From December 1, 2023, through **April 1, 2024**, the US 31 Bridge at Mile 1.4 over the Manistee River will be secured to masted navigation. Vessels able to pass under the bridge without an opening may do so at any time. From June 26 through December 1, 2023, between the hours of 0700 and 1930 Monday through Saturday, two 30-foot by 40-foot barges will be working under the bridge. The barges will move to accommodate large vessels with a 30-minute advance notice provided directly to the barge by calling 269-720-5424 or 269-941-3431. From December 1 through April 1, 2024, scaffolding that hangs approximately 4-feet below low steel will be installed under the bridge.

[25/23] [26/23]

## **LAKE MICHIGAN – MICHIGAN CITY & INDIANA HARBOR & GARY HARBOR**

### **IL - LAKE MICHIGAN – Michigan City – Chart 14926**

From December 1, 2023, through **March 15, 2024**, the Franklin Street Bridge at Mile 0.50 over Trail Creek will be secured to masted navigation. Vessels able to pass under the bridge without an opening may do so at any time.

[37/23]

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

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

From September 7, 2023, through **May 22, 2024**, scaffolding will be installed under the Indiana Avenue Bridge

at Mile 10.80 (CORPS MILE 322.3) over the Little Calumet River that hangs approximately 1-foot below low steel.

[34/23]

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

From October 23, through **October 27, 2023**, between the hours of 1030 and 1930, daily, inspectors will deploy the movable platform under the South Halstead Street Bridge at mile 13.00 (CORPS MILE 320.1) over the Little Calumet River. Spotters will warn of approaching vessels and move the platform to allow vessels to pass.

[42/23]

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

**IL - LAKE MICHIGAN – Chicago Harbor – Chart 14927**

From June 1, through **November 1, 2023**, the Dearborn Street Bridge at Mile 1.13 (CORPS MILE 326.1) over the Main Branch of the Chicago River will have one leaf secured to masted navigation and an 80-foot by 20-foot barge under the bridge. The barge will move if a 1-hour advance notice is provided on VHF-FM Marine Radio Channel 16.

[21/23]

**IL - LAKE MICHIGAN – Chicago Harbor – Chart 14927**

From October 16 through **January 15, 2023**, between the hours of 0700 and 1730 daily, a 125-foot by 35-foot barge will be working under the Michigan Street Bridge at Mile 0.85 (CORPS MILE 326.3) over the Main Branch of the Chicago River. The barge will monitor VHF-FM Marine Channel 16 and move if a 1-hour advance notice is provided.

[42/23]

**IL - LAKE MICHIGAN – Chicago Harbor – Chart 14927**

From October 17 through **October 30, 2023**, the Amtrak Bridge at Mile 3.77 (CORPS MILE 323.5) over the South Branch of the Chicago River, will operate on scheduled openings to the intermediate height at 0900 and 1300 daily with full height openings every Wednesday at Noon.

[42/23]

**IL - LAKE MICHIGAN – Chicago Harbor – Chart 14927**

From November 20, 2023, through **February 16, 2023**, between the hours of 0600 and 1800 Monday through Friday an 80-foot by 20-foot barge will be working under the Division Street Bridge at Mile 2.99 (CORPS MILE 326.8) over the North Branch Canal of the Chicago River. The barge will monitor VHF-FM Marine Channel 16 and move to accommodate vessels traffic with a 1-hour advance notice.

[43/23]

**CALUMET SAG CHANNEL**

**IL - LAKE MICHIGAN – Calumet-SAG Channel – Chart 14927**

From May 1, through **November 1, 2023**, scaffolding that hangs approximately 6-feet below low steel will be installed under the Sag Highway Bridge at Mile 28.76 (CORPS MILE 304.2) over the Calumet-SAG Channel.

[03/23]

**IL - LAKE MICHIGAN – Calumet-SAG Channel – Chart 14927**

From October 15 through **December 15, 2023**, scaffolding will be installed under the Southwest Highway Bridge at Mile 22.25 (CORPS MILE 310.7) over the Calumet-SAG Channel that hangs approximately 2-feet below low steel.

[37/23]

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

(Lake Michigan to Mile 36.2/291.1)

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

From September 15, 2023, through **January 5, 2024**, between the hours of 0600 and 1600, Monday through Saturday, a 20-foot by 80-foot barge will be working under the South California Avenue Bridge at Mile 7.3 (CORPS MILE 320.0) 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.

[38/23]

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

The Coast Guard has received a report that the lights on the South Harlem Avenue Bridge at mile 13.3 (CORPS MILE 314) are extinguished.

[43/23]

## LAKE MICHIGAN – WEST

### **WI - LAKE MICHIGAN – Racine Harbor – Chart 14925**

From December 1, 2023, through **April 1, 2024**, the State Street Bridge at Mile 0.53 over the Root River will be secured to masted navigation and scaffolding that hangs approximately 4-feet below low steel will be installed under the bridge. Vessels that can safely pass under the bridge without an opening may do so at any time.

[43/22]

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

### **WI - LAKE MICHIGAN – Milwaukee Harbor – Chart 14924**

from May 1 through **November 30, 2023**, coffer dams will be installed around the piers of the Holton Street Bridge, mile 2.84, over the Milwaukee River that extend into the channel 5-feet on each side for a total reduction in horizontal clearance of 10-feet in total. Three barges 70-feet by 50-feet or smaller will be working under the bridge, A 20-foot channel will be maintained through the project but larger vessel may call 262-366-5121 and request the barges to move with a 2-hour advance notice.

[17/23] [33/23]

### **WI - LAKE MICHIGAN – Milwaukee Harbor – Chart 14924**

On **November 4, 2023**, between the hours of 1100 and 1400, the Wisconsin Avenue Bridge at Mile 1.46 over the Milwaukee River will be secured to masted navigation in conjunction with the Veteran's Day Events. Vessels able to pass under the bridge without an opening may do so at any time.

[40/23]

### **WI - LAKE MICHIGAN – Milwaukee Harbor – Chart 14924**

In September of 2023 the Coast Guard emailed the local passenger vessels to discuss current bridge heights and to discover what improvements to the vertical clearances could be made to future bridges over the Milwaukee River. To date only the City of Milwaukee Public Works Department responded. If you would like to make an informal comment, please contact [Michael.O.Walker2@USCG.MIL](mailto:Michael.O.Walker2@USCG.MIL) before **October 25, 2023**.

[42/23]

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

## LAKE SUPERIOR

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

**MN - LAKE SUPERIOR - RAINY RIVER - Chart 1995**

The Coast Guard has received a report that from October 10 through **October 31, 2023**, divers will be working on the Canadian Side of the Canadian national Railroad Bridge at mile 85 over the Rainy River with one or more barges. No work will be performed on the US side of the waterway.

[40/23]

Sorted by Chart Number

## Authorized Winter Hours for Great Lakes Bridges

October 15, 2023 - April 30, 2024

RED NOT UPDATED BLACK Last Updated: 16 OCT 2023

Chart Number	Port Name	Bridge Name	Mile	Waterway	Start Date	End Date	Advance Notice	Primary Phone Number	Secondary Phone Number	Alternate Phone	Alternate Phone
14815	Rochester	O' Rorke	1.2	Genesee	16-Dec	31-Mar	12-hours	585-753-7750	585-753-7780		
14832	Black Rock	Ferry Street	2.6	Black Rock	1-Dec	14-Apr	4-hours	716-866-4323			
14832	Black Rock	Canadian Natl	3.8	Black Rock	1-Dec	14-Apr	4-hours	289-683-6000	905-788-7502	905-351-3708	416-580-3320
14833	Buffalo	Michigan Ave	1.3	Buffalo River	16-Dec	21-Mar	04-hours	716-866-4323			
14833	Buffalo	Ohio St	2.1	Buffalo River	16-Dec	21-Mar	04-hours	716-866-4323			
14836	Ashtabula	5th Street	1.4	Ashtabula	15-Dec	31-Mar	12-Hours	440-576-2816	440-813-8229	440-228-2168	440-645-9041
14839	Cleveland	All City Bridges		Cuyahoga	19-Dec	20-Mar	12-Hours	VHF-FM 16	216-664-4767	<a href="mailto:Rscott@clevelandohio.gov">Rscott@clevelandohio.gov</a>	
14836	Ashtabula	NS RR	1.4	Ashtabula	30-Nov	1-Apr	24-hours	800-214-3609	470-463-1001	717-514-0643	
14841	Lorain	Charles Berry	0.6	Black River	1-Jan	31-Mar	12-hours	VHF-FM 16	440-244-2137		
14844	Port Clinton	Monroe St	0.4	Portage River	1-Dec	30-Apr	24-hours	419-409-0147	419-373-7050		
14844	Port Clinton	NS RR	1.5	Portage River	1-Dec	30-Apr	24-hours	419-254-1539			
14844	Sandusky	NS RR	3.5	Sandusky	1-Dec	31-Mar	24-hours	419-254-1539			
14846	Toledo	CSX RR	1.07	Maumee	21-Dec	31-Dec	04-hours	419-729-4321	419-697-2307		
14846	Toledo	CSX RR	1.07	Maumee	31-Dec	31-Mar	12-hours	419-729-4321	419-697-2307		
14846	Toledo	W&LE	1.8	Maumee	21-Dec	31-Dec	04-hours	330-767-7211	330-767-7215		
14846	Toledo	W&LE	1.8	Maumee	31-Dec	31-Mar	12-hours	330-767-7211	330-767-7215		
14846	Toledo	Craig Mem	3.3	Maumee	21-Dec	31-Dec	04-hours	419-409-0147	419-373-7050		
14846	Toledo	MLK	4.3	Maumee	21-Dec	31-Dec	04-hours	419-467-3558	419-346-8653	567-970-0508	
14846	Toledo	MLK	4.3	Maumee	1-Jan	31-Mar	12-hours	419-467-3558	419-346-8653	567-970-0508	
14846	Toledo	NS RR	5.76	Maumee	21-Dec	31-Mar	12-hours	419-254-1539			
14848	St. Clair	M29	0.1	Pine River	1-Dec	31-Mar	24-hours	810-941-7819			
14848	Detroit	Grosse Ile Free	5.6	Detroit River	15-Dec	15-Mar	12-hours	734-955-2172	888-762-3273	313-737-9837	
14848	Detroit	Grosse Ile Toll	8.8	Detroit River	15-Dec	15-Mar	12-hours	734-282-2914			
14864	Alpena	2nd Ave	0.3	Thunder Bay	1-Jan	31-Dec	03-hours	989-464-3416			
14865	Port Huron	Canadian Natl	1.56	Black River	1-Nov	30-Apr	12-hours	708-332-3002	708-332-3160	810-240-6390	
14865	Port Huron	Military St	0.3	Black River	1-Nov	30-Apr	12-hours	810-984-9730	810-985-8115		

lee.d.soule@uscg.mil

216-902-6085



Sorted by Chart Number

Authorized Winter Hours for Great Lakes Bridges

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RED NOT UPDATED BLACK Last Updated: 16 OCT 2023

14865	Port Huron	Seventh St	0.5	Black River	1-Nov	30-Apr	12-hours	810-984-9730	810-985-8115		
14865	Port Huron	Tenth St	0.9	Black River	1-Nov	30-Apr	12-hours	810-984-9730	810-985-8115		
14867	Bay City	Lake State RR	3.1	Saginaw	1-Jan	31-Mar	12-hours	989-393-9815	989-387-3941	Emergency:	989-393-2988
14867	Bay City	Cen. Mich. RR	4.94	Saginaw	1-Jan	31-Mar	12-hours	989-274-1381	989-439-3251	989-717-0013	
14867	Bay City	Independence	3.88	Saginaw	1-Jan	31-Mar	12-hours	989-737-3793			
14867	Bay City	Liberty	4.99	Saginaw	1-Jan	31-Mar	12-hours	989-737-3793			
14867	Bay City	Veterans Mem	5.6	Saginaw	1-Jan	31-Mar	12-hours	989-737-3793			
14867	Bay City	Lafayette	6.78	Saginaw	1-Jan	31-Mar	12-hours	989-737-3793			
14884	SOO	Canadian Natl	1	SOO LOCKS	Special	Special	Special	708-332-3002	708-332-3160	920-539-2043	
14886	Cheboygan	US23	0.9	Cheboygan	1-Dec	31-Apr	12-hours	231-238-7775	231-420-1153	231-420-1157	
14906	South Haven	Dyckman Ave	1.9	Black River	15-Oct	30-Apr	12-hours	269-637-0737	269-637-5151		
14916	Gills Landing	Canadian Natl	27.8	Wolf River	15-Oct	15-Apr	12-hours	708-332-3002	708-332-3160	920-539-2043	
14916	Menasha	HWY Bridges	xx	Fox River	8-Oct	26-Apr	12-hours	920-209-4032			
14916	Oshkosh	Canadian Natl	55.72	Fox River	8-Oct	26-Apr	12-hours	708-332-3002	708-332-3160	920-539-2043	
14916	Oshkosh	HWY Bridges	xx	Fox River	8-Oct	26-Apr	12-hours	920-420-2146			
14917	Marinette	Ogden-First	0.4	Menominee	1-Nov	30-Apr	12-hours	715-923-0999			
14918	Green Bay	Fox Valley & Superior	1.03	Fox River	1-Dec	31-Mar	12-hours	414-750-5676			
14918	Green Bay	Main Street	1.58	Fox River	1-Dec	31-Mar	12-hours	920-655-0339	920-448-3321	920-764-2964	
14918	Green Bay	Walnut Street	1.81	Fox River	1-Dec	31-Mar	12-hours	920-655-0339	920-448-3321	920-764-2964	
14918	Green Bay	Tillman Mem.	2.27	Fox River	1-Dec	31-Mar	12-hours	920-655-0339	920-448-3321	920-764-2964	
14918	Green Bay	Fox Valley & Lake Superior	3.31	Fox River	1-Dec	31-Mar	12-hours	414-750-5676			
14919	Sturgeon Bay	Bayview 42/57	3	Sturgeon Bay	1-Dec	14-Mar	12-hours	920-746-0187	920-493-8518		
14919	Sturgeon Bay	Maple-Oregon	4.17	Sturgeon Bay	1-Jan	14-Mar	12-hours	920-746-0187	920-493-8518		
14919	Sturgeon Bay	Michigan St.	4.3	Sturgeon Bay	1-Jan	14-Mar	12-hours	920-746-0187	920-493-8518		
14922	Manitowoc	Eighth Street	0.29	Manitowoc	1-Nov	31-Mar	12-hours	920-323-0850	920-683-4470	920-374-0403	
14922	Manitowoc	Tenth Street	0.43	Manitowoc	1-Nov	31-Mar	12-hours	920-323-0850	920-683-4470	920-374-0403	
14922	Sheboygan	Eighth Street	0.69	Sheboygan	1-Nov	30-Apr	12-hours	920-207-9742			
14924	Milwaukee	All City Owned	1.28	Milwaukee	2-Nov	15-Apr	12-Hours	VHF-FM 16	414-286-2575	VHF-174-1411	

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RED NOT UPDATED BLACK Last Updated: 16 OCT 2023

14924	Milwaukee	Canadian Pac	1.05	Menominee	2-Nov	16-Apr	12-Hours	414-389-3772			
14924	Milwaukee	Canadian Pac	1.67	Kinnickinnic	2-Nov	16-Apr	12-Hours	414-389-3772			
14924	Milwaukee	All City Owned	1.08	Menominee	2-Nov	16-Apr	12-Hours	VHF-FM 16	414-286-2575	VHF-174-1411	
14924	Milwaukee	All City Owned	1.96	Burnham	2-Nov	16-Apr	12-Hours	VHF-FM 16	414-286-2575	VHF-174-1411	
14924	Milwaukee	All City Owned	1.67	Kinnickinnic	2-Nov	16-Apr	12-Hours	VHF-FM 16	414-286-2575	VHF-174-1411	
14925	Racine	Main	.31/.5	Root River	1-Dec	1-Apr	2-Hours	262-636-9219	262-886-2300		
14925	Racine	State	0.53	Root River	16-Oct	30-Apr	2-Hours	262-636-9219	262-886-2300	262-304-0403	
14926	Michigan City	Franklin St	0.5	Trail Creek	1-Dec	15-Mar	12-hours	219-362-6205	219-326-7700		
									ext. 2921		
14926	Michigan City	Amtrak RR	0.9	Trail Creek	1-Dec	15-Mar	12-hours	517-581-3340	269-687-2205	312-656-9111	269-985-3680
14927	Chicago	All City Owned		Chicago	1-Dec	31-Mar	48- hours*	312-744-4200	312-747-2470	312-744-4280	
14929	Indiana Harbor	Indianapolis	2.59	Ind Hbr C.	1-Jan	31-Dec	12-hours	317-899-8690, Option 1			
14930	St. Joe	CSX RR	0.67	St. Joe	16-Dec	28-Feb	12-hours	260-409-4420			
14930	St. Joe	Blossomland	0.9	St. Joe	16-Dec	28-Feb	12-hours	231-884-5211			
14930	St. Joe	Bicentennial	1.3	St. Joe	16-Dec	28-Feb	12-hours	231-884-5211			
14933	Grand Haven	CSX RR	2.8	Grand River	2-Dec	15-Mar	12-hours	616-293-0564	231-830-7706		
14933	Grand Haven	US 31	2.9	Grand River	15-Dec	15-Mar	12-hours	989-233-1053			
14938	Manistee	Maple St	1.1	Manistee	1-Nov	30-Apr	24-hours	231-723-6241			
14938	Manistee	US 31	1.4	Manistee	1-Nov	30-Apr	24-hours	231-723-6241	SEE LNM	SEE LNM	SEE LNM
14938	Manistee	CSX RR	1.5	Manistee	1-Nov	30-Apr	24-hours	231-794-7679	616-293-0564		
14942	Charlevoix	Bridge Street	0.3	Pine River	1-Jan	31-Mar	12-hours	231-342-8713			
14972	Keweenaw	US 41	16	Keweenaw	14-Dec	14-Apr	12-hours	906-482-7552			
14975	Duluth	Aerial	0.25	Ship Canal	1-Jan	15-Mar	12-hours	218-723-3387	218-343-0395	218-194-0401	
14975	Duluth	BNSF\Grassy PT	5.44	St. Louis	15-Dec	15-Mar	12-hours	715-394-1259	715-394-1257	715-154-5451	
14998	Rainer	Canadian Natl	85	Rainy River	16-Oct	30-Apr	12-hours	708-332-3002	708-332-3160	218-348-5338	
								*****	Hours not	requested	
								Note 1	0800-1600	Open On Signal	
								Note 2	0700-2300	Open On Signal	

Sorted by Chart Number

Authorized Winter Hours for Great Lakes Bridges  
October 15, 2023 - April 30, 2024

RED NOT UPDATED BLACK Last Updated: 16 OCT 2023

*	12-Hours	Commercial
Special		See Lock Schedule
See LNM		Maintenance Scheduled
**	Cell Phone	You can TEXT

(Revised 04/23) NINTH DISTRICT DRAWBRIDGE SIGNALS OR OPERATIONAL 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), and [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. DATE OF DELAY: \_\_\_\_\_ 2. VESSEL NAME: \_\_\_\_\_ 3.  INBOUND  OUTBOUND

(\*\*\*NOTE: You must provide the following from Coast Pilot 6.\*\*\*)

4. BRIDGE NAME \_\_\_\_\_ 5. WATERWAY \_\_\_\_\_

6. MILE MARKER \_\_\_\_\_

7. WHAT TIME DID YOU ARRIVE AT THE BRIDGE? \_\_\_\_\_ 8. DID YOU SIGNAL FOR AN OPENING AT THAT TIME?  Y  N

9. HOW DID YOU SIGNAL?  Sound signal (Whistle, horn, megaphone, hailer, etc.) \_\_\_\_\_

(Check all that apply)  Visual signal (Flag or Light) \_\_\_\_\_

Radio telephone (Specify Frequency) \_\_\_\_\_

10. WHEN DID THE BRIDGE REPLY? \_\_\_\_\_ 11. WHAT DID THE DRAWTENDER SAY? \_\_\_\_\_

12. DID YOU COMMUNICATE WITH THE BRIDGE AFTER YOUR ARRIVAL? PLEASE PROVIDE DETAILS INCLUDING TIMES, WHAT YOU SAID, AND WHAT THE BRIDGE SAID? \_\_\_\_\_

13. WHAT TIME DID THE BRIDGE OPEN? \_\_\_\_\_ 14. WHAT TIME DID YOU START THROUGH? \_\_\_\_\_

15. WHAT TIME DID YOU CLEAR? \_\_\_\_\_ 16. WHAT ACTIONS DID YOU TAKE WHILE YOU WAITED FOR THE BRIDGE TO OPEN (e.g. tie up, hold position, use thrusters, return to dock)? \_\_\_\_\_

17. DESCRIBE ANY WEATHER OR WATER CONDITIONS THAT AFFECTED MANUEVERABILITY WHILE YOU WAITED? \_\_\_\_\_

18. DESCRIBE WHETHER ANY PEDESTRIANS, VEHICLES, OR TRAINS WERE STOPPED ON THE BRIDGE OR CROSSING THE BRIDGE? PROVIDE AS MUCH DETAIL AS POSSIBLE. \_\_\_\_\_

19. PROVIDE ANY ADDITIONAL INFORMATION YOU THINK WOULD BE HELPFUL? \_\_\_\_\_

20. YOUR NAME, E-MAIL, PHONE NUMBER, AND ADDRESS: \_\_\_\_\_

\_\_\_\_\_  
SIGNATURE OF REPORTING SOURCE





**DNR**  
**MICHIGAN DEPARTMENT OF NATURAL RESOURCES**

**INTEROFFICE COMMUNICATION**

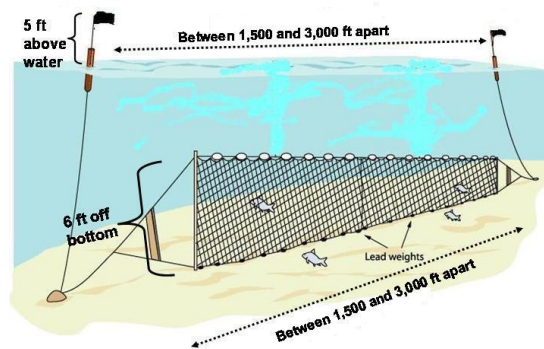
10 October 2023

**TO:** Natural resource agency personnel and mariners operating on Lake Superior

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

**SUBJECT:** R/V Lake Char operations in Lake Superior 30 October- 09 November 2023

This is a note to inform you that we will be conducting a fall lake trout gill net survey aboard the Research Vessel *Lake Char* in Lake Superior starting 30 October and should finish by 09 November. We will be setting bottom set gill nets that are 1,200 ft long, extend about 6 feet from the bottom and are set overnight. Our fall sampling stations are generally less than 120 deep and within a few miles from shore. Our nets are marked with black and orange flagged staff buoys that are labeled with our agency identification.



We will be conducting our survey in the following areas of Lake Superior: Au Train Bay, Au Train Pt., Wood Island, Williams Island, Grand Island area, West Channel, and Pictured Rocks area.

Attached is the cruise schedule, map, and sampling station coordinates for the lake trout survey. Note that weather conditions may delay the sampling dates. Please provide copies of this cruise

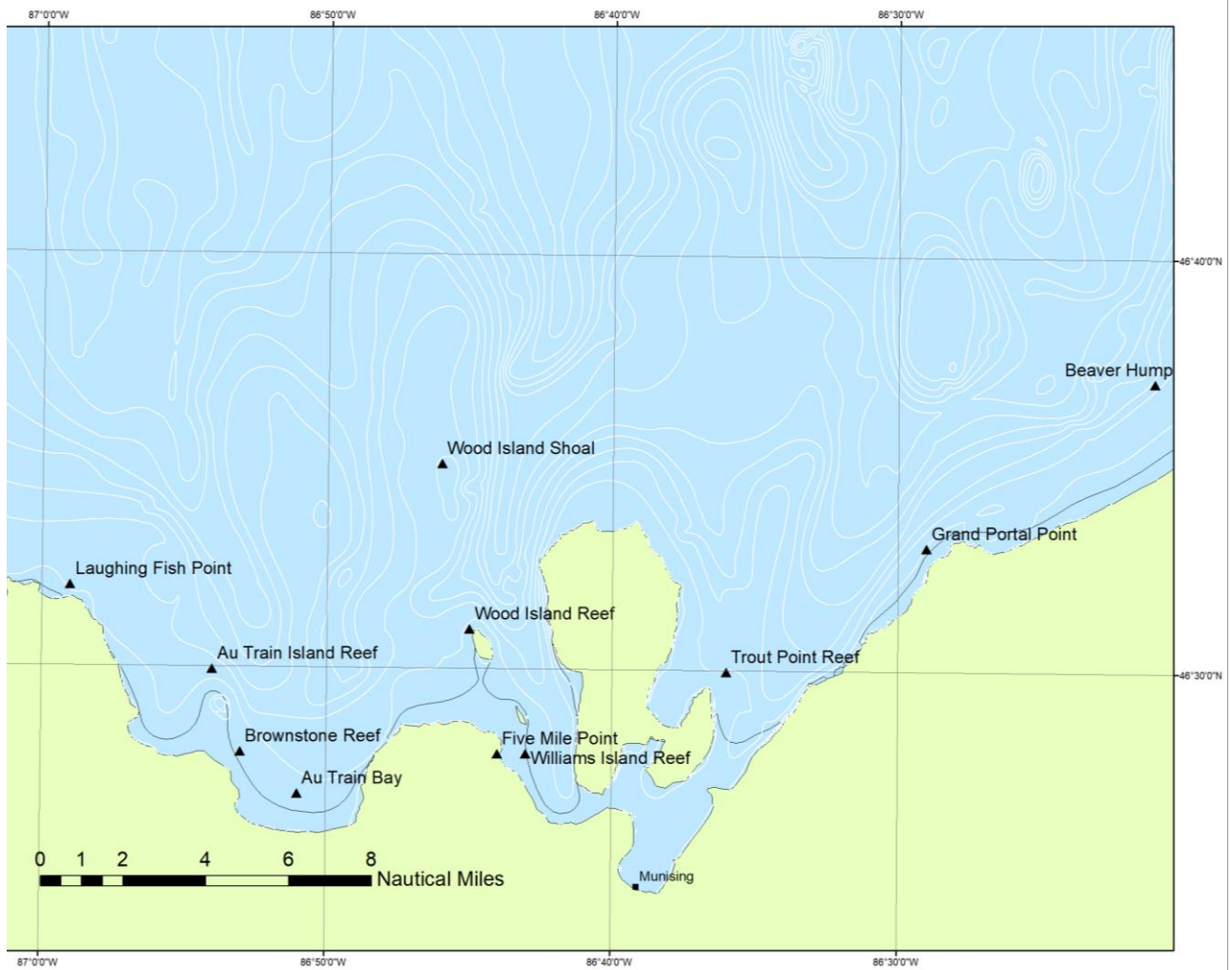
schedule to all pertinent personnel. Please note that we can be reached via MIDNR 800 MHz Radios on our primary radio channel on Zone B, FIMARQT, or via marine radio channel 16. Our radio call sign is *R/V Lake Char*. We can also be reached on the vessel via cell phone number 906-458-6925.

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.

Attachment

**2023 fall lake trout survey schedule for Marquette Fisheries Research Station (MFRS), Fisheries Division, Michigan Department of Natural Resources.**

<b>MIDNR-R/V Lake Char 2023 Fall lake trout survey station positions.</b>					
<b>Dates</b>	<b>Column2</b>	<b>Station_no</b>	<b>site</b>	<b>latitude</b>	<b>longitude</b>
10/30 -	10/31/2023	616	Brownstone Reef	46 deg 28 min	86 deg 7 min
10/30 -	10/31/2023	608	Au Train Island Reef	46 deg 30 min	86 deg 6 min
10/30 -	10/31/2023	623	Five Mile Point	46 deg 28 min	86 deg 16 min
10/31 -	11/01/2023	624	Williams Island Reef	46 deg 28 min	86 deg 17 min
10/31 -	11/01/2023	620	Wood Island Shoal	46 deg 34 min	86 deg 14 min
10/31 -	11/01/2023	625	Wood Island Reef	46 deg 31 min	86 deg 15 min
11/01 -	11/02/2023	690	Trout Point Reef	46 deg 30 min	86 deg 24 min
11/01 -	11/02/2023	668	Grand Portal Point	46 deg 32 min	86 deg 31 min
11/01 -	11/02/2023	679	Beaver Hump	46 deg 37 min	86 deg 39 min



Research Vessel Lake Char, MIDNR fall lake trout survey stations.



# 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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