



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

---

## LOCAL NOTICE TO MARINERS

**District: 9**

**Week: 48/22**

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/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 - B179-22 through B181-22

Ninth District - C181-22 through C182-22

Sector Detroit, MI - D091-22 through D095-22

Sector Lake Michigan, WI - M318-22 through M322-22

Sector Sault Ste Marie, MI - S143-22 through S145-22

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>

---

## ABBREVIATIONS

---

### 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

---

**SECTION I - SPECIAL NOTICES**

This section contains information of special concern to the Mariner.

---

**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

**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

#### **2022-2023 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: 42/22

#### **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

#### **ST. MARYS RIVER - LAKE NICOLET TO SAULT STE MARIE - CHART 14884**

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

LNM: 48/22

#### **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 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 - 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 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 –St. Joseph River – Chart 14930**

Shoaling has been reported near the entrance channel of the St. Joseph River approximately 500 ft west of the North Pierhead Light (LLNR 19515). The actual water depth may be several feet less than 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: 43/22

#### **LAKE MICHIGAN – Muskegon Harbor – Chart 14934**

Shoaling has been reported in entrance of Muskegon Harbor. 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 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

## SECTION II - DISCREPANCIES

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

### DISCREPANCIES (FEDERAL AIDS)

LLNR	Aid Name	Status	Chart No.	BNM Ref.	LNM St	LNM End
<b>890</b>	<b>St. Lawrence Seaway Lighted Buoy 126A</b>	<b>REDUCED INT</b>		<b>B181-22</b>	<b>48/22</b>	
4665	Sandusky Straight Channel Buoy 15	LT IMCH	14845	D066-22	34/22	
8410	Peche Island Range Rear Light	DAYMK IMCH	14853	D084-22	37/22	
<b>13055</b>	<b>Munuscong Channel (Upbound) Lighted Buoy 6</b>	<b>LT EXT</b>	<b>14887</b>	<b>S144-22</b>	<b>48/22</b>	
13475	West Neebish Channel (Downbound) Upper Range Rear Light	DAYMK MISSING	14887	S113-21	51/21	
13685	West Neebish Channel (Downbound) Lighted Buoy 15	OFF STA	14887		33/22	
14050	Six Mile Point Range Rear Light	DAYMK MISSING	14883	S016-21	10/21	
15115	Keweenaw Upper Entrance West Breakwater Light	LT EXT	14972	S142-22	47/22	
<b>15875</b>	<b>Duluth Harbor Basin Lighted Buoy 2</b>	<b>LT EXT</b>	<b>14975</b>	<b>S143-22</b>	<b>48/22</b>	
17210	Canoe Channel Daybeacon 8	STRUCT DEST/TRUB			23/22	
17550	Kabetogama Lake Warning Daybeacon	STRUCT DEST		S114-22	34/22	
<b>18965</b>	<b>Grand Haven South Pierhead Entrance Light</b>	<b>REDUCED INT/SS INOP</b>	<b>14933</b>	<b>M322-22</b>	<b>48/22</b>	
19295	Holland Harbor South Pierhead Light	LT EXT	14932	M297-22	43/22	
19820	Calumet Harbor Buoy 5	OFF STA	14926	M310-22	45/22	
21275	Rowley Bay Buoy 2	MISSING	14909	M111-22	21/22	
21455	Gravelly Island Shoal Buoy 4	MISSING	14909	M110-22	21/22	
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
5380	West Harbor Entrance Channel Light 1	WATCHING PROPERLY	14844		48/22	48/22
5385	West Harbor Entrance Channel Light 2	WATCHING PROPERLY	14844		48/22	48/22
5535	Green Island Light	WATCHING PROPERLY	14844		44/22	48/22
19960	Chicago Harbor Light	RELIGHTED	14926		44/22	48/22

### DISCREPANCIES (PRIVATE AIDS)

LLNR	Aid Name	Status	Chart No.	BNM Ref.	LNM St	LNM End
1473	Rock Island Light	LT EXT	14773		46/22	
2396	Olcott Harbor Detached Breakwater East Light	LT EXT	14800		32/22	
2397	Olcott Harbor Detached Breakwater West Light	LT EXT	14800		32/22	
2740	Buffalo River Light 5	LT EXT	14833		27/22	
2790	State Breakwater Light 2	LT EXT	14833		27/22	

4030	Cleveland Waterworks Intake Crib Light	SS INOP	14826		22/22
4104	Bkl Regulated Navigation Area Light	LT EXT	14839		25/22
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
4240	Cuyahoga River Abutment Light	LT EXT	14839		27/22
4300	Sheffield Lake Light 1	LT IMCH	14826		27/22
4385	U.S. Steel Corporation Mooring Cell Light	LT EXT	14841		27/22
12610	St Ignace Marina Northeast Breakwall Light	LT EXT	14881		18/22
14696	Presque Isle Weather Wave Buoy 1	OFF STA	14970	S138-22	43/22
19605	Gary Bulkhead Light	LT EXT	14926	M167-22	27/22
19636	Buffington Harbor Inner Breakwater East Light 2	LT IMCH	14926		30/21
19665	Indiana Harbor East Bulkhead Light	LT IMCH	14926		14/22
20090	Belmont Harbor Light	LT EXT	14926	M189-22	28/22
20165	Farwell Avenue Breakwater Light	LT EXT	14926		32/22
20500	Racine Harbor Light 5	LT EXT	14925		35/22
21798	Yacht Works Marina Breakwater Light 1	LT EXT	14909		35/22

**DISCREPANCIES (PRIVATE AIDS) CORRECTED**

LLNR	Aid Name	Status	Chart No.	BNM Ref.	LNM St	LNM End
------	----------	--------	-----------	----------	--------	---------

None

**PLATFORM DISCREPANCIES**

Name	Status	Position	BNM Ref.	LNM St	LNM End
------	--------	----------	----------	--------	---------

None

**PLATFORM DISCREPANCIES CORRECTED**

Name	Status	Position	BNM Ref.	LNM St	LNM End
------	--------	----------	----------	--------	---------

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	
3480	Barcelona Harbor East Breakwater Light	DISCONTINUED FOR DREDGING	14823		23/22	
3485	Barcelona Harbor West Breakwater Light	DISCONTINUED FOR DREDGING	14823		23/22	
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	
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
21635	Escanaba Light	Reduced Intensity	14915	49/20

**TEMPORARY CHANGES CORRECTED**

LLNR	Aid Name	Status	Chart No.	BNM Ref.	LNM St	LNM End
------	----------	--------	-----------	----------	--------	---------

None

**PLATFORM TEMPORARY CHANGES**

Name	Status	Position	BNM Ref.	LNM St	LNM End
------	--------	----------	----------	--------	---------

None

**PLATFORM TEMPORARY CHANGES CORRECTED**

Name	Status	Position	BNM Ref.	LNM St	LNM End
------	--------	----------	----------	--------	---------

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.

**14770** 17th Ed. 01-OCT-04 Last LNM: 13/99 NAD 83 48/22

Chart Title: **Morristown, N.Y. to Butternut, Ont.**

Main Panel 1018 ST LAWRENCE RIVER MORRISTOWN N.Y. TO BUTTERNUT BAY, ONT. . Page/Side: N/A  
NOS

LAST EDITION No new editions of chart 14770 will be published. It will be canceled on 05-Apr-23. 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>.

**14774** 17th Ed. 01-JUL-04 Last LNM: 18/99 NAD 83 48/22

Chart Title: **Round I., N.Y., and Gananoque, Ont., to Wolfe I., Ont.**

Main Panel 1022 ST LAWRENCE RIVER ROUND ISLAND, N.Y. AND GANANOQUE, ONT. TO WOLFE - ISLAND ONT..  
Page/Side: N/A

LAST EDITION No new editions of chart 14774 will be published. It will be canceled on 05-Apr-23. 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>.

**14788** 20th Ed. 01-APR-16 Last LNM: 05/06 NAD 83 48/22

Chart Title: **Oneida Lake - Lock 22 to Lock 23**

Main Panel 1107 ONEIDA LAKE LOCK 22 TO LOCK 23. Page/Side: A  
NOS

LAST EDITION	No new editions of chart 14788 will be published. It will be canceled on 05-Apr-23. 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 <a href="https://www.charts.noaa.gov/MCD/Dole.shtml">https://www.charts.noaa.gov/MCD/Dole.shtml</a> .	--	--
<b>14802</b>	<b>31st Ed. 01-OCT-05 Last LNM: 40/21 NAD 83</b>		<b>48/22</b>
<i>ChartTitle: Clayton to False Ducks Is.</i>			
<b>Main Panel 1113 LAKE ONTARIO . Page/Side: N/A</b>			
		NOS	
LAST EDITION	No new editions of chart 14802 will be published. It will be canceled on 03-May-23. 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 <a href="https://www.charts.noaa.gov/MCD/Dole.shtml">https://www.charts.noaa.gov/MCD/Dole.shtml</a> .	--	--
<b>14803</b>	<b>28th Ed. 01-FEB-15 Last LNM: 07/15 NAD 83</b>		<b>48/22</b>
<i>ChartTitle: Six Miles south of Stony Point to Port Bay;North Pond;Little Sodus Bay</i>			
<b>Main Panel 1114 SIX MILES SOUTH OF STONY POINT TO PORT BAY. Page/Side: A</b>			
		NOS	
LAST EDITION	No new editions of chart 14803 will be published. It will be canceled on 05-Apr-23. 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 <a href="https://www.charts.noaa.gov/MCD/Dole.shtml">https://www.charts.noaa.gov/MCD/Dole.shtml</a> .	--	--
<b>14804</b>	<b>25th Ed. 01-MAR-14 Last LNM: 42/21 NAD 83</b>		<b>48/22</b>
<i>ChartTitle: Port Bay to Long Pond;Port Bay Harbor;Irondequoit Bay</i>			
<b>Main Panel 1117 PORT BAY TO LONG POND NEW YORK. Page/Side: N/A</b>			
		NOS	
LAST EDITION	No new editions of chart 14804 will be published. It will be canceled on 03-May-23. 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 <a href="https://www.charts.noaa.gov/MCD/Dole.shtml">https://www.charts.noaa.gov/MCD/Dole.shtml</a> .	--	--
<b>14805</b>	<b>25th Ed. 01-MAR-14 Last LNM: 39/11 NAD 83</b>		<b>48/22</b>
<i>ChartTitle: Long Pond to Thirtymile Point;Point Breeze Harbor</i>			
<b>Main Panel 1119 LONG POND TO THIRTYMILE POINT NEW YORK. Page/Side: N/A</b>			
		NOS	
LAST EDITION	No new editions of chart 14805 will be published. It will be canceled on 05-Apr-23. 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 <a href="https://www.charts.noaa.gov/MCD/Dole.shtml">https://www.charts.noaa.gov/MCD/Dole.shtml</a> .	--	--
<b>14806</b>	<b>24th Ed. 01-OCT-04 Last LNM: 16/17 NAD 83</b>		<b>48/22</b>
<i>ChartTitle: Thirtymile Point, N.Y., to Port Dalhousie, Ont.</i>			
<b>Main Panel 1121 THIRTY MILE PT NEW YORK TO PORT DALHOUSIE ONT. Page/Side: N/A</b>			
		NOS	
LAST EDITION	No new editions of chart 14806 will be published. It will be canceled on 05-Apr-23. 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 <a href="https://www.charts.noaa.gov/MCD/Dole.shtml">https://www.charts.noaa.gov/MCD/Dole.shtml</a> .	--	--
<b>14811</b>	<b>18th Ed. 01-MAY-16 Last LNM: 06/06 NAD 83</b>		<b>48/22</b>
<i>ChartTitle: Chaumont, Henderson and Black River Bays;Sackets Harbor;Henderson Harbor;Chaumont Harbor</i>			
<b>Main Panel 1124 CHAUMONT HENDERSON AND BLACK RIVER BAYS NEW YORK. Page/Side: A</b>			
		NOS	
LAST EDITION	No new editions of chart 14811 will be published. It will be canceled on 03-May-23. 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 <a href="https://www.charts.noaa.gov/MCD/Dole.shtml">https://www.charts.noaa.gov/MCD/Dole.shtml</a> .	--	--
<b>14813</b>	<b>22nd Ed. 01-DEC-13 Last LNM: 16/17 NAD 83</b>		<b>48/22</b>
<i>ChartTitle: Oswego Harbor</i>			
<b>Main Panel 1128 OSWEGO HARBOR LAKE ONTARIO NEW YORK. Page/Side: N/A</b>			
		NOS	
LAST EDITION	No new editions of chart 14813 will be published. It will be canceled on	--	--

05-Apr-23. 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>.

**14814**            **26th Ed.**            **01-DEC-13**            **Last LNM: 11/15**            **NAD 83**            **48/22**

*ChartTitle: Sodus Bay*

**Main Panel 1129 SODUS BAY LAKE ONTARIO NEW YORK. Page/Side: N/A**

LAST EDITION    No new editions of chart 14814 will be published. It will be canceled on 05-Apr-23. 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  
--

**14815**            **24th Ed.**            **01-DEC-13**            **Last LNM: 30/14**            **NAD 83**            **48/22**

*ChartTitle: Rochester Harbor, including Genessee River to head of navigation*

**Main Panel 1130 ROCHESTER HBR GENESEE RIV TO HEAD OF NAVIGATION LAKE ONTARIO NY 1. Page/Side: N/A**

LAST EDITION    No new editions of chart 14815 will be published. It will be canceled on 03-May-23. 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  
--

**14816**            **24th Ed.**            **01-FEB-04**            **Last LNM: 33/13**            **NAD 83**            **48/22**

*ChartTitle: Lower Niagara River*

**Main Panel 1132 LOWER NIAGARA RIVER. Page/Side: N/A**

LAST EDITION    No new editions of chart 14816 will be published. It will be canceled on 03-May-23. 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  
--

**14822**            **32nd Ed.**            **01-AUG-05**            **Last LNM: 12/17**            **NAD 83**            **48/22**

*ChartTitle: Approaches to Nigara River and Welland Canal*

**Main Panel 1135 NIAGARA RIVER AND WELLAND CANAL. Page/Side: N/A**

LAST EDITION    No new editions of chart 14822 will be published. It will be canceled on 03-May-23. 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  
--

**14823**            **31st Ed.**            **01-DEC-12**            **Last LNM: 12/17**            **NAD 83**            **48/22**

*ChartTitle: Sturgeon Point to Twentymile Creek;Dunkirk Harbor;Barcelona Harbor*

**Main Panel 1136 STURGEON POINT TO TWENTY MILE CREEK NEW YORK. Page/Side: A**

LAST EDITION    No new editions of chart 14823 will be published. It will be canceled on 05-Apr-23. 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  
--

**14824**            **26th Ed.**            **01-OCT-03**            **Last LNM: 37/17**            **NAD 83**            **48/22**

*ChartTitle: Sixteenmile Creek to Conneaut;Conneaut Harbor*

**Main Panel 1142 SIXTEEN MILE CREEK TO CONNEAUT. Page/Side: N/A**

LAST EDITION    No new editions of chart 14824 will be published. It will be canceled on 03-May-23. 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  
--

**14825**            **25th Ed.**            **01-JAN-06**            **Last LNM: 37/17**            **NAD 83**            **48/22**

*ChartTitle: Ashtabula to Chagrin River;Mentor Harbor;Chagrin River*

**Main Panel 1144 ASHTABULA TO CHAGRIN RIVER. Page/Side: N/A**

LAST EDITION    No new editions of chart 14825 will be published. It will be canceled on 05-Apr-23. Comparable or larger scale Electronic Navigational Chart    NOS  
--



(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>.

<b>14826</b>	<b>28th Ed.</b>	<b>01-SEP-10</b>	<b>Last LNM: 48/19</b>	<b>NAD 83</b>	<b>48/22</b>
<i>ChartTitle: Moss Point to Vermilion;Beaver Creek;Vermilion Harbor;Rocky River</i>					
<b>Main Panel 1147 MOSS POINT TO VERMILION OHIO. Page/Side: N/A</b>					
LAST EDITION No new editions of chart 14826 will be published. It will be canceled on 03-May-23. 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 <a href="https://www.charts.noaa.gov/MCD/Dole.shtml">https://www.charts.noaa.gov/MCD/Dole.shtml</a> .					
					NOS
					--
<b>14832</b>	<b>35th Ed.</b>	<b>01-MAR-13</b>	<b>Last LNM: 12/17</b>	<b>NAD 83</b>	<b>48/22</b>
<i>ChartTitle: Niagara Falls to Buffalo</i>					
<b>Main Panel 1156 UPPER NIAGARA RIVER. Page/Side: N/A</b>					
LAST EDITION No new editions of chart 14832 will be published. It will be canceled on 03-May-23. 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 <a href="https://www.charts.noaa.gov/MCD/Dole.shtml">https://www.charts.noaa.gov/MCD/Dole.shtml</a> .					
					NOS
					--
<b>14833</b>	<b>27th Ed.</b>	<b>01-DEC-12</b>	<b>Last LNM: 12/17</b>	<b>NAD 83</b>	<b>48/22</b>
<i>ChartTitle: Buffalo Harbor</i>					
<b>Main Panel 1157 BUFFALO HARBOR NEW YORK. Page/Side: N/A</b>					
LAST EDITION No new editions of chart 14833 will be published. It will be canceled on 03-May-23. 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 <a href="https://www.charts.noaa.gov/MCD/Dole.shtml">https://www.charts.noaa.gov/MCD/Dole.shtml</a> .					
					NOS
					--
<b>14835</b>	<b>33rd Ed.</b>	<b>01-OCT-12</b>	<b>Last LNM: 08/16</b>	<b>NAD 83</b>	<b>48/22</b>
<i>ChartTitle: Erie Harbor</i>					
<b>Main Panel 1158 ERIE HARBOR. Page/Side: N/A</b>					
LAST EDITION No new editions of chart 14835 will be published. It will be canceled on 03-May-23. 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 <a href="https://www.charts.noaa.gov/MCD/Dole.shtml">https://www.charts.noaa.gov/MCD/Dole.shtml</a> .					
					NOS
					--
<b>14836</b>	<b>28th Ed.</b>	<b>01-NOV-13</b>	<b>Last LNM: 37/17</b>	<b>NAD 83</b>	<b>48/22</b>
<i>ChartTitle: Ashtabula Harbor</i>					
<b>Main Panel 1159 ASHTABULA HARBOR OHIO. Page/Side: N/A</b>					
LAST EDITION No new editions of chart 14836 will be published. It will be canceled on 05-Apr-23. 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 <a href="https://www.charts.noaa.gov/MCD/Dole.shtml">https://www.charts.noaa.gov/MCD/Dole.shtml</a> .					
					NOS
					--
<b>14837</b>	<b>29th Ed.</b>	<b>01-OCT-13</b>	<b>Last LNM: 43/16</b>	<b>NAD 83</b>	<b>48/22</b>
<i>ChartTitle: Fairport Harbor</i>					
<b>Main Panel 1160 FAIRPORT HARBOR LAKE ERIE-OHIO. Page/Side: N/A</b>					
LAST EDITION No new editions of chart 14837 will be published. It will be canceled on 05-Apr-23. 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 <a href="https://www.charts.noaa.gov/MCD/Dole.shtml">https://www.charts.noaa.gov/MCD/Dole.shtml</a> .					
					NOS
					--
<b>14839</b>	<b>38th Ed.</b>	<b>01-MAY-15</b>	<b>Last LNM: 19/21</b>	<b>NAD 83</b>	<b>48/22</b>
<i>ChartTitle: Cleveland Harbor, including lower Cuyahoga River</i>					
<b>Main Panel 1161 CLEVELAND HARBOR INCLUDING LOWER CUYAHOGA RIVER. Page/Side: A</b>					
					NOS
					--
LAST EDITION No new editions of chart 14839 will be published. It will be canceled on 03-May-23. 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>.

<b>14841</b>	<b>30th Ed.</b>	<b>01-MAY-15</b>	<b>Last LNM: 37/17</b>	<b>NAD 83</b>	<b>48/22</b>
<i>ChartTitle: Lorain Harbor</i>					
<b>Main Panel 1162 LORAIN HARBOR OHIO. Page/Side: A</b>					
LAST EDITION No new editions of chart 14841 will be published. It will be canceled on 05-Apr-23. 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 <a href="https://www.charts.noaa.gov/MCD/Dole.shtml">https://www.charts.noaa.gov/MCD/Dole.shtml</a> .					NOS --
<b>14843</b>	<b>24th Ed.</b>	<b>01-OCT-13</b>	<b>Last LNM: 02/16</b>	<b>NAD 83</b>	<b>48/22</b>
<i>ChartTitle: Huron Harbor</i>					
<b>Main Panel 1207 HURON HARBOR LAKE. Page/Side: N/A</b>					
LAST EDITION No new editions of chart 14843 will be published. It will be canceled on 05-Apr-23. 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 <a href="https://www.charts.noaa.gov/MCD/Dole.shtml">https://www.charts.noaa.gov/MCD/Dole.shtml</a> .					NOS --
<b>14845</b>	<b>28th Ed.</b>	<b>01-MAR-14</b>	<b>Last LNM: 27/18</b>	<b>NAD 83</b>	<b>48/22</b>
<i>ChartTitle: Sandusky Harbor</i>					
<b>Main Panel 1210 SANDUSKY HARBOR OHIO. Page/Side: N/A</b>					
LAST EDITION No new editions of chart 14845 will be published. It will be canceled on 05-Apr-23. 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 <a href="https://www.charts.noaa.gov/MCD/Dole.shtml">https://www.charts.noaa.gov/MCD/Dole.shtml</a> .					NOS --
<b>14854</b>	<b>16th Ed.</b>	<b>01-NOV-18</b>	<b>Last LNM: 04/17</b>	<b>NAD 83</b>	<b>48/22</b>
<i>ChartTitle: Trenton Channel and River Rouge;River Rouge</i>					
<b>Main Panel 1310 DETROIT RIVER TRENTON CHANNEL AND RIVER ROUGE - -. Page/Side: -</b>					
LAST EDITION No new editions of chart 14854 will be published. It will be canceled on 05-Apr-23. 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 <a href="https://www.charts.noaa.gov/MCD/Dole.shtml">https://www.charts.noaa.gov/MCD/Dole.shtml</a> .					NOS --
<b>14867</b>	<b>27th Ed.</b>	<b>01-FEB-13</b>	<b>Last LNM: 43/21</b>	<b>NAD 83</b>	<b>48/22</b>
<i>ChartTitle: Saginaw River</i>					
<b>Main Panel 1327 SAGINAW RIVER MICHIGAN. Page/Side: N/A</b>					
LAST EDITION No new editions of chart 14867 will be published. It will be canceled on 03-May-23. 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 <a href="https://www.charts.noaa.gov/MCD/Dole.shtml">https://www.charts.noaa.gov/MCD/Dole.shtml</a> .					NOS --
<b>14869</b>	<b>27th Ed.</b>	<b>01-NOV-13</b>	<b>Last LNM: 47/13</b>	<b>NAD 83</b>	<b>48/22</b>
<i>ChartTitle: Thunder Bay Island to Presque Isle;Stoneport Harbor;Resque Isle Harbor</i>					
<b>Main Panel 1330 PRESQUE ISLE AND STONEPORT HARBORS MICHIGAN. Page/Side: N/A</b>					
LAST EDITION No new editions of chart 14869 will be published. It will be canceled on 05-Apr-23. 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 <a href="https://www.charts.noaa.gov/MCD/Dole.shtml">https://www.charts.noaa.gov/MCD/Dole.shtml</a> .					NOS --
<b>14881</b>	<b>36th Ed.</b>	<b>01-NOV-19</b>	<b>Last LNM: 48/19</b>	<b>NAD 83</b>	<b>48/22</b>
<i>ChartTitle: Detour Passage to Waugoshance Pt.;Hammond Bay Harbor;Mackinac Island;Cheboygan;Mackinaw City;St. Ignace</i>					
<b>Main Panel 1334 LAKE HURON STRAITS OF MACKINAC DE TOUR PASS TO WAUGOSHANCE PT - -. Page/Side: -</b>					
LAST EDITION No new editions of chart 14881 will be published. It will be canceled on 03-May-23. 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					NOS --

<b>14882</b>	<b>36th Ed.</b>	<b>01-JAN-14</b>	<b>Last LNM: 50/21</b>	<b>NAD 83</b>	<b>48/22</b>
<i>ChartTitle: St. Marys River - Detour Passage to Munuscong Lake;Detour Passage</i>					
<b>Main Panel 1340 ST MARYS RIVER DETOUR PASSAGE TO MUNUSCONG LAKE. Page/Side: N/A</b>					
NOS					
LAST EDITION	No new editions of chart 14882 will be published. It will be canceled on 03-May-23. 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 <a href="https://www.charts.noaa.gov/MCD/Dole.shtml">https://www.charts.noaa.gov/MCD/Dole.shtml</a> .				--
<b>14883</b>	<b>44th Ed.</b>	<b>01-JAN-14</b>	<b>Last LNM: 49/21</b>	<b>NAD 83</b>	<b>48/22</b>
<i>ChartTitle: St. Marys River - Munuscong Lake to Sault Ste. Marie</i>					
<b>Main Panel 1342 ST MARYS RIVER MUNUSCONG LAKE TO SAULT STE MARIE . Page/Side: N/A</b>					
NOS					
LAST EDITION	No new editions of chart 14883 will be published. It will be canceled on 05-Apr-23. 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 <a href="https://www.charts.noaa.gov/MCD/Dole.shtml">https://www.charts.noaa.gov/MCD/Dole.shtml</a> .				--
<b>14884</b>	<b>40th Ed.</b>	<b>01-JAN-14</b>	<b>Last LNM: 48/19</b>	<b>NAD 83</b>	<b>48/22</b>
<i>ChartTitle: St. Marys River - Head of Lake Nicolet to Whitefish Bay;Sault Ste. Marie</i>					
<b>Main Panel 1343 ST MARYS RIVER HEAD OF LAKE NICOLET TO WHITEFISH BAY. Page/Side: N/A</b>					
NOS					
LAST EDITION	No new editions of chart 14884 will be published. It will be canceled on 03-May-23. 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 <a href="https://www.charts.noaa.gov/MCD/Dole.shtml">https://www.charts.noaa.gov/MCD/Dole.shtml</a> .				--
<b>14885</b>	<b>22nd Ed.</b>	<b>01-JUN-14</b>	<b>Last LNM: 19/20</b>	<b>NAD 83</b>	<b>48/22</b>
<i>ChartTitle: Les Cheneaux Islands</i>					
<b>Main Panel 1345 LES CHENEAX ISLANDS MICHIGAN. Page/Side: A</b>					
NOS					
LAST EDITION	No new editions of chart 14885 will be published. It will be canceled on 05-Apr-23. 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 <a href="https://www.charts.noaa.gov/MCD/Dole.shtml">https://www.charts.noaa.gov/MCD/Dole.shtml</a> .				--
<b>14886</b>	<b>13th Ed.</b>	<b>01-SEP-17</b>	<b>Last LNM: 26/13</b>	<b>NAD 83</b>	<b>48/22</b>
<i>ChartTitle: SMALL-CRAFT BOOK CHART - Inland Route, Cheboygan to Conway (book of 12 Charts)</i>					
<b>Main Panel 1346 INLAND ROUTE MICHIGAN - -. Page/Side: -</b>					
NOS					
LAST EDITION	No new editions of chart 14886 will be published. It will be canceled on 03-May-23. 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 <a href="https://www.charts.noaa.gov/MCD/Dole.shtml">https://www.charts.noaa.gov/MCD/Dole.shtml</a> .				--
<b>14887</b>	<b>1st Ed.</b>	<b>01-DEC-13</b>	<b>Last LNM: 49/21</b>	<b>NAD 83</b>	<b>48/22</b>
<i>ChartTitle: St Marys River - Vicinity of Neebish Island</i>					
<b>Main Panel 1360 St Marys River - Vicinity of Neebish Island. Page/Side: N/A</b>					
NOS					
LAST EDITION	No new editions of chart 14887 will be published. It will be canceled on 05-Apr-23. 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 <a href="https://www.charts.noaa.gov/MCD/Dole.shtml">https://www.charts.noaa.gov/MCD/Dole.shtml</a> .				--
<b>14907</b>	<b>29th Ed.</b>	<b>01-SEP-17</b>	<b>Last LNM: 25/21</b>	<b>NAD 83</b>	<b>48/22</b>
<i>ChartTitle: Stony Lake to Point Betsie;Pentwater;Arcadia;Frankfort</i>					
<b>Main Panel 1379 LAKE MICHIGAN STONY LAKE TO POINT BETSIE - -. Page/Side: -</b>					
NOS					
LAST EDITION	No new editions of chart 14907 will be published. It will be canceled on 05-Apr-23. 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 <a href="https://www.charts.noaa.gov/MCD/Dole.shtml">https://www.charts.noaa.gov/MCD/Dole.shtml</a> .				--

<b>14908</b>	<b>19th Ed.</b>	<b>01-JAN-16</b>	<b>Last LNM: 08/17</b>	<b>NAD 83</b>	<b>48/22</b>
<i>ChartTitle: Dutch Johns Point to Fishery Point, including Big Bay de Noc and Little Bay de Noc;Manistique</i>					
<b>Main Panel 1383 DUTCH JOHNS PT. TO FISHERY PT.. Page/Side: A</b>					
ADD	bottom characteristic; rky (NOS NW-31339)			NOS 45-36-29.780N	086-42-13.870W
ADD	label A PT 1 OF 2; Shoaling (rep 2022) (NOS NW-31339)			NOS 45-36-23.860N	086-42-01.310W
ADD	label A PT 2 OF 2; Shoaling (rep 2022) (NOS NW-31339)			NOS 45-36-34.230N	086-42-23.780W
LAST EDITION	No new editions of chart 14908 will be published. It will be canceled on 05-Apr-23. 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 <a href="https://www.charts.noaa.gov/MCD/Dole.shtml">https://www.charts.noaa.gov/MCD/Dole.shtml</a> .			--	--
<b>14909</b>	<b>21st Ed.</b>	<b>01-FEB-16</b>	<b>Last LNM: 19/22</b>	<b>NAD 83</b>	<b>48/22</b>
<i>ChartTitle: Upper Green Bay - Jackson Harbor and Detroit Harbor;Detroit Harbor;Jackson Harbor;Baileys Harbor</i>					
<b>Main Panel 1385 UPPER GREEN BAY - MINNEAPOLIS SHOAL TO GREEN ISLAND. Page/Side: A</b>					
LAST EDITION	No new editions of chart 14909 will be published. It will be canceled on 05-Apr-23. 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 <a href="https://www.charts.noaa.gov/MCD/Dole.shtml">https://www.charts.noaa.gov/MCD/Dole.shtml</a> .			--	--
<b>14910</b>	<b>25th Ed.</b>	<b>01-NOV-18</b>	<b>Last LNM: 19/22</b>	<b>NAD 83</b>	<b>48/22</b>
<i>ChartTitle: Lower Green Bay;Oconto Harbor;Algoma</i>					
<b>Main Panel 1388 LOWER GREENBAY ALGOMA AND OCONTO - -. Page/Side: -</b>					
LAST EDITION	No new editions of chart 14910 will be published. It will be canceled on 03-May-23. 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 <a href="https://www.charts.noaa.gov/MCD/Dole.shtml">https://www.charts.noaa.gov/MCD/Dole.shtml</a> .			--	--
<b>14912</b>	<b>18th Ed.</b>	<b>01-JAN-16</b>	<b>Last LNM: 47/21</b>	<b>NAD 83</b>	<b>48/22</b>
<i>ChartTitle: Platte Bay to Leland;Leland;South Manitou Harbor</i>					
<b>Main Panel 1394 LK MICH PLATTE BAY-LELAND MICH. Page/Side: A</b>					
LAST EDITION	No new editions of chart 14912 will be published. It will be canceled on 05-Apr-23. 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 <a href="https://www.charts.noaa.gov/MCD/Dole.shtml">https://www.charts.noaa.gov/MCD/Dole.shtml</a> .			--	--
<b>14913</b>	<b>20th Ed.</b>	<b>01-JAN-16</b>	<b>Last LNM: 03/16</b>	<b>NAD 83</b>	<b>48/22</b>
<i>ChartTitle: Grand Traverse Bay to Little Traverse Bay;Harobr Springs;Petoskey;Elk Rapids;Suttons Bay;Northport;Traverse City</i>					
<b>Main Panel 1397 LAKE MICH GRAND TRAV BAY &amp; LITTLE TRAV BAY MICH. Page/Side: A</b>					
LAST EDITION	No new editions of chart 14913 will be published. It will be canceled on 05-Apr-23. 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 <a href="https://www.charts.noaa.gov/MCD/Dole.shtml">https://www.charts.noaa.gov/MCD/Dole.shtml</a> .			--	--
<b>14916</b>	<b>11th Ed.</b>	<b>01-APR-16</b>	<b>Last LNM: 23/18</b>	<b>NAD 83</b>	<b>48/22</b>
<i>ChartTitle: SMALL-CRAFT BOOK CHART - Lake Winnebago and Lower Fox River (book of 34 charts)</i>					
<b>Main Panel 1405 LAKE WINNEBAGO &amp; FOX RIV PG 2. Page/Side: _02</b>					
LAST EDITION	No new editions of chart 14916 will be published. It will be canceled on 03-May-23. 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 <a href="https://www.charts.noaa.gov/MCD/Dole.shtml">https://www.charts.noaa.gov/MCD/Dole.shtml</a> .			--	--
<b>14917</b>	<b>25th Ed.</b>	<b>01-SEP-12</b>	<b>Last LNM: 15/15</b>	<b>NAD 83</b>	<b>48/22</b>
<i>ChartTitle: Menominee and Marinette Harbors</i>					
<b>Main Panel 1441 MENOMINEE AND MARINETTE HARBORS. Page/Side: N/A</b>					
LAST EDITION	No new editions of chart 14917 will be published. It will be canceled on 05-Apr-23. 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>.

<b>14918</b>	<b>28th Ed.</b>	<b>01-DEC-15</b>	<b>Last LNM: 23/18</b>	<b>NAD 83</b>	<b>48/22</b>
<i>ChartTitle: Head of Green Bay, including Fox River below De Pere;Green Bay</i>					
<b>Main Panel 1442 HEAD OF GREEN BAY INCLUDING FOX RIVER BELOW DE PERE. Page/Side: A</b>					
NOS					
LAST EDITION No new editions of chart 14918 will be published. It will be canceled on 03-May-23. 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 <a href="https://www.charts.noaa.gov/MCD/Dole.shtml">https://www.charts.noaa.gov/MCD/Dole.shtml</a> .					
<b>14919</b>	<b>29th Ed.</b>	<b>01-DEC-15</b>	<b>Last LNM: 40/21</b>	<b>NAD 83</b>	<b>48/22</b>
<i>ChartTitle: Sturgeon Bay and Canal;Sturgeon Bay</i>					
<b>Main Panel 1444 STURGEON BAY AND CANAL LAKE MICHIGAN. Page/Side: A</b>					
NOS					
LAST EDITION No new editions of chart 14919 will be published. It will be canceled on 03-May-23. 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 <a href="https://www.charts.noaa.gov/MCD/Dole.shtml">https://www.charts.noaa.gov/MCD/Dole.shtml</a> .					
<b>14922</b>	<b>21st Ed.</b>	<b>01-MAY-16</b>	<b>Last LNM: 50/21</b>	<b>NAD 83</b>	<b>48/22</b>
<i>ChartTitle: Manitowoc and Sheboygan</i>					
<b>Main Panel 1446 MANITOWOC AND SHEBOYGAN WISCONSIN MANITOWOC. Page/Side: A</b>					
NOS					
LAST EDITION No new editions of chart 14922 will be published. It will be canceled on 03-May-23. 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 <a href="https://www.charts.noaa.gov/MCD/Dole.shtml">https://www.charts.noaa.gov/MCD/Dole.shtml</a> .					
<b>14924</b>	<b>29th Ed.</b>	<b>01-DEC-12</b>	<b>Last LNM: 21/18</b>	<b>NAD 83</b>	<b>48/22</b>
<i>ChartTitle: Milwaukee Harbor</i>					
<b>Main Panel 1448 MILWAUKEE HARBOR WISCONSIN. Page/Side: N/A</b>					
NOS					
LAST EDITION No new editions of chart 14924 will be published. It will be canceled on 03-May-23. 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 <a href="https://www.charts.noaa.gov/MCD/Dole.shtml">https://www.charts.noaa.gov/MCD/Dole.shtml</a> .					
<b>14925</b>	<b>24th Ed.</b>	<b>01-DEC-15</b>	<b>Last LNM: 46/21</b>	<b>NAD 83</b>	<b>48/22</b>
<i>ChartTitle: Racine Harbor</i>					
<b>Main Panel 1449 RACINE HARBOR WISCONSIN. Page/Side: A</b>					
NOS					
LAST EDITION No new editions of chart 14925 will be published. It will be canceled on 05-Apr-23. 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 <a href="https://www.charts.noaa.gov/MCD/Dole.shtml">https://www.charts.noaa.gov/MCD/Dole.shtml</a> .					
<b>14926</b>	<b>14th Ed.</b>	<b>01-MAY-19</b>	<b>Last LNM: 05/21</b>	<b>NAD 83</b>	<b>48/22</b>
<i>ChartTitle: SMALL-CRAFT BOOK CHART - Chicago and South Shore of Lake Michigan (book of 30 charts)</i>					
<b>Main Panel 1450 CHICAGO AND VICINITY PAGE 2 - -. Page/Side: -</b>					
NOS					
LAST EDITION No new editions of chart 14926 will be published. It will be canceled on 03-May-23. 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 <a href="https://www.charts.noaa.gov/MCD/Dole.shtml">https://www.charts.noaa.gov/MCD/Dole.shtml</a> .					
<b>14927</b>	<b>27th Ed.</b>	<b>01-AUG-20</b>	<b>Last LNM: 46/21</b>	<b>NAD 83</b>	<b>48/22</b>
<i>ChartTitle: Chicago Lake Front;Gary Harbor</i>					
<b>Main Panel 1482 CHICAGO LAKE FRONT - -. Page/Side: -</b>					
NOS					
LAST EDITION No new editions of chart 14927 will be published. It will be canceled on 03-May-23. 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>.

<b>14928</b>	<b>23rd Ed.</b>	<b>01-SEP-11</b>	<b>Last LNM: 36/17</b>	<b>NAD 83</b>	<b>48/22</b>
<i>ChartTitle: Chicago Harbor</i>					
<b>Main Panel 1484 CHICAGO HARBOR. Page/Side: N/A</b>					
LAST EDITION No new editions of chart 14928 will be published. It will be canceled on 03-May-23. 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 <a href="https://www.charts.noaa.gov/MCD/Dole.shtml">https://www.charts.noaa.gov/MCD/Dole.shtml</a> .					
NOS --					
<b>14929</b>	<b>26th Ed.</b>	<b>01-DEC-16</b>	<b>Last LNM: 05/21</b>	<b>NAD 83</b>	<b>48/22</b>
<i>ChartTitle: Calumet, Indiana and Buffington Harbors, and Lake Calumet</i>					
<b>Main Panel 1485 CALUMET AND INDIANA HARBORS. Page/Side: A</b>					
LAST EDITION No new editions of chart 14929 will be published. It will be canceled on 05-Apr-23. 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 <a href="https://www.charts.noaa.gov/MCD/Dole.shtml">https://www.charts.noaa.gov/MCD/Dole.shtml</a> .					
NOS --					
<b>14930</b>	<b>26th Ed.</b>	<b>01-NOV-12</b>	<b>Last LNM: 15/15</b>	<b>NAD 83</b>	<b>48/22</b>
<i>ChartTitle: St. Joseph and Benton Harbor</i>					
<b>Main Panel 1486 ST JOSEPH AND BENTON HARBOR MICHIGAN. Page/Side: N/A</b>					
LAST EDITION No new editions of chart 14930 will be published. It will be canceled on 05-Apr-23. 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 <a href="https://www.charts.noaa.gov/MCD/Dole.shtml">https://www.charts.noaa.gov/MCD/Dole.shtml</a> .					
NOS --					
<b>14931</b>	<b>25th Ed.</b>	<b>01-NOV-15</b>	<b>Last LNM: 26/14</b>	<b>NAD 83</b>	<b>48/22</b>
<i>ChartTitle: Grand River From Dermo Bayou To Bass River</i>					
<b>Main Panel 1489 GRAND RIVER MICH FROM DERMO BAYOU TO BASS RIVER. Page/Side: A</b>					
LAST EDITION No new editions of chart 14931 will be published. It will be canceled on 05-Apr-23. 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 <a href="https://www.charts.noaa.gov/MCD/Dole.shtml">https://www.charts.noaa.gov/MCD/Dole.shtml</a> .					
NOS --					
<b>14932</b>	<b>24th Ed.</b>	<b>01-NOV-15</b>	<b>Last LNM: 12/15</b>	<b>NAD 83</b>	<b>48/22</b>
<i>ChartTitle: Holland Harbor</i>					
<b>Main Panel 1487 HOLLAND HARBOR . Page/Side: A</b>					
LAST EDITION No new editions of chart 14932 will be published. It will be canceled on 05-Apr-23. 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 <a href="https://www.charts.noaa.gov/MCD/Dole.shtml">https://www.charts.noaa.gov/MCD/Dole.shtml</a> .					
NOS --					
<b>14933</b>	<b>25th Ed.</b>	<b>01-SEP-13</b>	<b>Last LNM: 38/21</b>	<b>NAD 83</b>	<b>48/22</b>
<i>ChartTitle: Grand Haven, including Spring Lake and Lower Grand River</i>					
<b>Main Panel 1488 GRAND HAVEN MICH INCL SPRING LAKE &amp; LOWER GRAND RVR. Page/Side: N/A</b>					
LAST EDITION No new editions of chart 14933 will be published. It will be canceled on 03-May-23. 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 <a href="https://www.charts.noaa.gov/MCD/Dole.shtml">https://www.charts.noaa.gov/MCD/Dole.shtml</a> .					
NOS --					
<b>14934</b>	<b>30th Ed.</b>	<b>01-DEC-15</b>	<b>Last LNM: 22/13</b>	<b>NAD 83</b>	<b>48/22</b>
<i>ChartTitle: Muskegon Lake and Muskegon Harbor</i>					
<b>Main Panel 1491 MUSKEGON HARBOR MICHIGAN MUSKEGON LAKE. Page/Side: A</b>					
LAST EDITION No new editions of chart 14934 will be published. It will be canceled on 05-Apr-23. 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 <a href="https://www.charts.noaa.gov/MCD/Dole.shtml">https://www.charts.noaa.gov/MCD/Dole.shtml</a> .					
NOS --					

<b>14935</b>	<b>22nd Ed.</b>	<b>01-OCT-15</b>	<b>Last LNM: 24/15</b>	<b>NAD 83</b>	<b>48/22</b>
<i>ChartTitle: White Lake</i>					
<b>Main Panel 1492 WHITE LAKE . Page/Side: A</b>					
LAST EDITION No new editions of chart 14935 will be published. It will be canceled on 05-Apr-23. 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 <a href="https://www.charts.noaa.gov/MCD/Dole.shtml">https://www.charts.noaa.gov/MCD/Dole.shtml</a> .					NOS --
<b>14937</b>	<b>25th Ed.</b>	<b>01-SEP-13</b>	<b>Last LNM: 43/14</b>	<b>NAD 83</b>	<b>48/22</b>
<i>ChartTitle: Ludington Harbor</i>					
<b>Main Panel 1493 LUDINGTON HARBOR . Page/Side: N/A</b>					
LAST EDITION No new editions of chart 14937 will be published. It will be canceled on 05-Apr-23. 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 <a href="https://www.charts.noaa.gov/MCD/Dole.shtml">https://www.charts.noaa.gov/MCD/Dole.shtml</a> .					NOS --
<b>14938</b>	<b>25th Ed.</b>	<b>01-NOV-15</b>	<b>Last LNM: 46/14</b>	<b>NAD 83</b>	<b>48/22</b>
<i>ChartTitle: Manistee Harbor and Manistee Lake</i>					
<b>Main Panel 1494 MANISTEE HARBOR MICHIGAN MANISTEE LAKE. Page/Side: A</b>					
LAST EDITION No new editions of chart 14938 will be published. It will be canceled on 05-Apr-23. 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 <a href="https://www.charts.noaa.gov/MCD/Dole.shtml">https://www.charts.noaa.gov/MCD/Dole.shtml</a> .					NOS --
<b>14939</b>	<b>24th Ed.</b>	<b>01-OCT-15</b>	<b>Last LNM: 03/15</b>	<b>NAD 83</b>	<b>48/22</b>
<i>ChartTitle: Portage Lake</i>					
<b>Main Panel 1495 PORTAGE LAKE MICHIGAN. Page/Side: A</b>					
LAST EDITION No new editions of chart 14939 will be published. It will be canceled on 05-Apr-23. 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 <a href="https://www.charts.noaa.gov/MCD/Dole.shtml">https://www.charts.noaa.gov/MCD/Dole.shtml</a> .					NOS --
<b>14942</b>	<b>27th Ed.</b>	<b>01-DEC-15</b>	<b>Last LNM: 36/13</b>	<b>NAD 83</b>	<b>48/22</b>
<i>ChartTitle: Lake Charlevoix;Charlevoix, South Point to Round Lake</i>					
<b>Main Panel 1496 LAKE CHARLEVOIX MICHIGAN. Page/Side: A</b>					
LAST EDITION No new editions of chart 14942 will be published. It will be canceled on 05-Apr-23. 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 <a href="https://www.charts.noaa.gov/MCD/Dole.shtml">https://www.charts.noaa.gov/MCD/Dole.shtml</a> .					NOS --
<b>14969</b>	<b>23rd Ed.</b>	<b>01-JUN-14</b>	<b>Last LNM: 32/18</b>	<b>NAD 83</b>	<b>48/22</b>
<i>ChartTitle: Munising Harbor and Approaches;Munising Harbor</i>					
<b>Main Panel 1525 MUNISING HBR AND APPROACHES INCLUDING GRAND ISL. Page/Side: A</b>					
LAST EDITION No new editions of chart 14969 will be published. It will be canceled on 05-Apr-23. 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 <a href="https://www.charts.noaa.gov/MCD/Dole.shtml">https://www.charts.noaa.gov/MCD/Dole.shtml</a> .					NOS --
<b>14970</b>	<b>27th Ed.</b>	<b>01-AUG-14</b>	<b>Last LNM: 20/16</b>	<b>NAD 83</b>	<b>48/22</b>
<i>ChartTitle: Marquette and Presque Isle Harbors</i>					
<b>Main Panel 1527 MARQUETTE AND PRESQUE ISLE HARBORS MICHIGAN. Page/Side: A</b>					
LAST EDITION No new editions of chart 14970 will be published. It will be canceled on 03-May-23. 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 <a href="https://www.charts.noaa.gov/MCD/Dole.shtml">https://www.charts.noaa.gov/MCD/Dole.shtml</a> .					NOS --

<b>14971</b>	<b>22nd Ed.</b>	<b>01-SEP-14</b>	<b>Last LNM: 27/13</b>	<b>NAD 83</b>	<b>48/22</b>
<i>ChartTitle: Keweenaw Bay;L Anse and Baraga Harbors</i>					
<b>Main Panel 1528 KEWEENAW BAY LAKE SUPERIOR. Page/Side: A</b>					
LAST EDITION No new editions of chart 14971 will be published. It will be canceled on 05-Apr-23. 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 <a href="https://www.charts.noaa.gov/MCD/Dole.shtml">https://www.charts.noaa.gov/MCD/Dole.shtml</a> .					NOS --
<b>14972</b>	<b>27th Ed.</b>	<b>01-DEC-13</b>	<b>Last LNM: 03/15</b>	<b>NAD 83</b>	<b>48/22</b>
<i>ChartTitle: Keweenaw Waterway, including Torch Lake;Hancock and Houghton</i>					
<b>Main Panel 1531 KEWEENAW WATERWAY MICHIGAN INCLUDING TORCH LAKE. Page/Side: N/A</b>					
LAST EDITION No new editions of chart 14972 will be published. It will be canceled on 03-May-23. 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 <a href="https://www.charts.noaa.gov/MCD/Dole.shtml">https://www.charts.noaa.gov/MCD/Dole.shtml</a> .					NOS --
<b>14974</b>	<b>25th Ed.</b>	<b>01-FEB-14</b>	<b>Last LNM: 46/15</b>	<b>NAD 83</b>	<b>48/22</b>
<i>ChartTitle: Ashland and Washburn harbors</i>					
<b>Main Panel 1537 ASHLAND AND WASHBURN HARBORS. Page/Side: N/A</b>					
LAST EDITION No new editions of chart 14974 will be published. It will be canceled on 05-Apr-23. 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 <a href="https://www.charts.noaa.gov/MCD/Dole.shtml">https://www.charts.noaa.gov/MCD/Dole.shtml</a> .					NOS --
<b>14975</b>	<b>37th Ed.</b>	<b>01-SEP-20</b>	<b>Last LNM: 39/21</b>	<b>NAD 83</b>	<b>48/22</b>
<i>ChartTitle: Duluth-Superior Harbor;Upper St. Louis River</i>					
<b>Main Panel 1538 DULUTH-SUPERIOR HARBOR - -. Page/Side: -</b>					
LAST EDITION No new editions of chart 14975 will be published. It will be canceled on 03-May-23. 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 <a href="https://www.charts.noaa.gov/MCD/Dole.shtml">https://www.charts.noaa.gov/MCD/Dole.shtml</a> .					NOS --

---

### 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>
<b>None</b>		
<b><u>Advance Notice(s)</u></b>		
<b>LAKE ERIE – SOUTH SHORE OF LAKE ERIE – CHART 14842</b>		
Squaw Island Light (LLNR 5085) Change the name of the aid to Muddy Creek Light (LLNR 5085)		LNM: 18/22
<b>ST. MARYS RIVER – DE TOUR PASSAGE TO MUNUSCONG LAKE – CHART 14882</b>		
Squaw Island Light "4" (LLNR 12895) Change the name to St Marys River Light "4" (LLNR 12895)		LNM: 18/22
<b>LAKE MICHIGAN – WAUGOSHANCE POINT TO CHOIX POINT – CHART 14911</b>		
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
<b>GREEN BAY – LITTLE BAY DE NOC – CHART 14915</b>		
Squaw Point Lighted Buoy "12" (LLNR 14915) Change the name to Little Bay De Noc Lighted Buoy "12" (LLNR 21690)		
		LNM: 18/22
<b>LAKE SUPERIOR – DULUTH SUPERIOR HARBOR - Chart 14975</b>		
Duluth Harbor Basin Traffic Lighted Buoy (LLNR 15870) Permanently discontinue the physical and continue the aid as a Virtual AIS MMSI 993672226.		



**MINNESOTA-ONTARIO BORDER LAKES – NAMAKAN LAKE – CHART 14994**

Squaw Narrows Daybeacon "4" (LLNR 17460) Change the name to Namakan Lake Light "4" (LLNR 17460)

**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**

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

**Proposed Change Notice(s)**

**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 (216) 902-6070.

**SECTION VII - GENERAL**

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

**Waterways Analysis and Management System**

The Ninth Coast Guard District will be reviewing the following waterways beginning in 2022. The study focuses primarily on aids to navigation in the waterway. Public comments are an important tool in this process so that we can provide the adequate markings and the right mix of signals to a waterway for safe navigation. Comments on the below listed waterways can be sent to Brian.D.Hawkins2@uscg.mil or by calling (216) 902-6070. You may also complete the survey attached to the Local Notice to Mariner and either email it or mail it to: Commander (dpw), Ninth Coast Guard District, 1240 East Ninth St., Cleveland, Ohio 44199.

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

### **Waterways Analysis and Management System**

(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)

LNLM: 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.

LNLM: 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.

LNLM: 23/22

### **LAKE ERIE – Buffalo – Chart 14833**

From 12 Sep 2022 to 30 Nov 2022 Ryba Marine Construction Co. will be conducting breakwater repairs on the Buffalo South 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.

LNLM: 37/22

### **LAKE ERIE – Dunkirk – Chart 14823**

From 19 Sep 2022 to 30 Nov 2022 Dean Marine and Excavating Inc will be conducting dredging in Dunkirk Harbor. Hours of operation are from 0630 to 1900 7 days a week. Andrew J, Megan J and Page Noel can be contacted on VHF channels 16 and 19. All mariners are requested to transit the area with caution.

LNLM: 37/22

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

Construction of submerged breakwater in Ashtabula Harbor remains partially 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.

LNLM: 43/21

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

From 27 June 2022 to 9 Dec 2022 Dean Marine and Excavating will be conducting breakwater repairs in the Cleveland Harbor west basin and Cuyahoga River channel. Hours of operation are from 0700 to 1900 7 days a week. Megan J and ST-911 can be contacted on VHF channels 16 and 79. Commercial traffic are requested a 2 hour notice of arrival. Work will be on the West Cleveland Harbor breakwater and traversing through the harbor west basin, Dock 20. All mariner are advised of mooring ball with lights and Scow 42 lit at the northwest corner of Cleveland Harbor.

LNLM: 28/22

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

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

From 01 Nov 2022 to 15 Dec 2022 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 Kristin Joelle can be contacted on VHF channels 13 and 16. All mariners are requested to transit the area with caution.

LNM: 43/22

**LAKE ERIE –Toledo – CHART 14847**

From 13 Sep 2022 to 25 Dec 2022 Ryba Marine Construction Co. will be conducting maintenance dredging in the Fairport Harbor Toledo, OH. 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: 37/22

**LAKE ERIE –Toledo – CHART 14847**

From 14 Oct 2022 to 25 Dec 2022 Ryba Marine Construction Co. will be conducting maintenance dredging in the Maumee River and Bay. 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: 42/22

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

From 19 Sep 2022 to 30 Nov 2022 Luedtke Engineering CO. Will be conducting maintenance dredging in the Sandusky Harbor federal channel. Hours of operation are 24 hours a day 7 days a week. Tug Paul L. Luedtke can be contacted on VHF channels 10, 16 and 19. All mariners are requested to transit the area with caution and reduce speed around dredging equipment. Loaded scows will be moved from the entrance of Sandusky Bay to the unloading equipment located off the Cedar Point Causeway on the east end of Sandusky Bay.

LNM: 35/22

**LAKE ERIE –East Outer – CHART 14830**

From 21 Nov 2022 to 20 Jan 2023 Luedtke Engineering Co. will be conducting maintenance dredging in the East Outer, Lower Livingston Channel. 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: 46/22

**LAKE ST. CLAIR – St. Clair Flats – Chart 14850**

From 30 Aug 2022 to 30 Nov 2022 Great Lakes Dock and Materials will be conducting maintenance dredging of Lake St. Clair. Hours of operation are 12 hours a day 7 days a week. Barges Hannah Avery, Jacquelyn, Tug Fischer Hayden and Duluth can be contacted on VHF channels 16 and 18. All mariners are requested to transit the area with caution, stay clear of operations if possible. Dredge equipment will be located on the eastern side of the Lake St. Clair flats channel. Offloading equipment will be located near Dickinson Island, tugs and material scows will be trans versing between the two.

LNM: 34/22

**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 Blossom and Heath Park from 13 Sep. 21 to 01 Dec 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 – Thunder Bay – Chart 14864**

The United States Geological Survey in coordination with the Michigan Department of Natural Resources will be conducting data collection to the north of the approach to Alpena, MI in NW Thunder Bay, Lake Huron. Surface floats will mark submerged receivers and will be in place through November 2022. Questions may be directed to Research Scientist Tom Binder, tbinder@usgs.gov. All mariners are requested to transit the area with caution.

LNM: 36/22

**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 on scene and monitoring VHF channels 13 and 16. All vessels are requested to remain 1500' (500-yard safety zone) away from construction vessels and transit the area with caution.

LNM: 06/22

**LAKE MICHIGAN – 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 –St. Joseph River – Chart 14930**

From 01 Dec 2022 to 24 Dec 2022 The King Company Inc will be conducting hydraulic dredging in the outer channel Shoal in St. Joseph, MI. The discharge pipeline will be submerged in the channel marked by orange buoys. The pipeline will then come out of the water toward the beginning of the South Pier and run down the beach to the disposal area. The disposal area starts 2,500’ south of the pier for roughly 3,000’ at the 4’ contour. hours of operation are 24 hours a day 7 days a week. Dredge Buxton II can be contacted on VHF channels 16, 18 and 73.

LNM: 48/22

**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

---

---

**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
------------	--------------------------	-----------------	-----------------------	---------------	--------------	------------------	----------------

None

---

---

**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

---

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

### 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: <a href="mailto:hppm@usace.army.mil">hppm@usace.army.mil</a>	<a href="#">U.S. Coast Guard - District 9</a>	(301) 713-2902

## CURRENT NINTH DISTRICT BRIDGE MAINTENANCE/ACTIVITIES

Week [48/22]

**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:

Norfolk Southern advises that a new toll-free number (800-214-3609) have been established for the **Ashtabula River Bridge**.

### ACTIVE BROADCAST NOTICE TO MARINERS (BNM)

SAFETY BCST PLUS SKED BCST UNTIL032359Z DEC 22  
U.S.C.G. NINTH DISTRICT NOTICE TO MARINERS C178-22  
IL - LAKE MICHIGAN - CHICAGO HARBOR

ON DECEMBER 3, 2022, BETWEEN THE HOURS OF 0600 AND 1800 THE AMTRAK RAILROAD BRIDGE AT MILE 3.77 (CORPS MILE 323.5) OVER THE SOUTH BRANCH OF THE CHICAGO RIVER WILL BE SECURED TO MASTED NAVIGATION. VESSELS ABLE TO PASS UNDER THE BRIDGE WITHOUT AN OPENING MAY DO SO AT ANY TIME.

SAFETY BCST PLUS SKED BCST UNTIL 092359Z DEC 22  
U.S.C.G. NINTH DISTRICT NOTICE TO MARINERS C180-22  
IL - LAKE MICHIGAN - CHICAGO HARBOR

FROM NOVEMBER 28 THROUGH DECEMBER 9, 2022, BETWEEN THE HOURS OF 0700 AND 1800 DAILY A 110-FOOT BY 35-FOOT BARGE WILL BE INSPECTING THE SOUTH HALSTEAD STREET BRIDGE AT MILE 4.47 (CORPS MILE 322.8) OVER THE SOUTH BRANCH OF THE CHICAGO RIVER. THE BARGE WILL MOVE IF A 30-MINUTE ADVANCE NOTICE IS PROVIDED. MARINERS SHOULD PROVIDE ADVANCE NOTICE DIRECTLY TO THE BARGE ON VHF-FM MARINE RADIO CHANNEL 16 OR CALLING 630-217-8148.

### 2021 FEDERAL REGULATIONS DOCKET STATUS

USCG-2021-0336 – FR – Oshkosh – Pending D9 Cybersecurity review

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

**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**

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**

From July 11, 2022, through **April 30, 2023**, scaffolding will be installed under one half of the E-99a Forgham Street Bridge at Mile 220.27 over the Erie Canal.

[24/22]

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

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

From January 15 through **January 30, 2023**, between the hours of 0700 and 1530, Monday through Friday, contractors will be installing new lights under the E238A Fiegle Road Bridge at Mile 325.09 over the Erie Canal with snooper trucks. Spotters will warn of approaching vessels and move the man lift to allow vessels to pass.

[45/22] [48/22]

**LAKE ONTARIO**

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

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

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



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 – Cleveland Harbor – Chart 14839**

From December 19, 2022, through **March 20, 2023**, All city operated bridges over the Cuyahoga River, including the North Coast Harbor Pedestrian Bridge, will require a 12-hour advance notice for openings. Mariners should provide advance notice directly to the Carter Road Bridge Tender on VHF-FM Marine Radio channel 16 or by calling 216-664-4767 or by email Rscott(AT)clevelandohio.gov.

[48/22]

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

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

#### **DETROIT RIVER – MI – 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]

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

From January 1 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. Two 20-foot by 10-foot barges will be used under the bridge against the piers of the bridge.

[18/22] [39/22]

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

From March 1, 2023, through **October 31, 2023**, between the hours of 0700 and 1900, Monday through Saturday, six 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.

[37/22]

#### **LAKE HURON**

#### **LAKE MICHIGAN – MI – Saginaw River – Chart 14867**

From January 1 through **February 28, 2023**, the Lafayette Street Bridge at Mile 6.78 over the Saginaw River will be secured to masted navigation. Vessels able to pass under the bridge without an opening may do so at any time.

[28/22]

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

**LAKE MICHIGAN - MI – Saginaw River – Chart 14867**

From August 23 through **December 2, 2022** between the hours of 0700 and 1900 Monday through Saturday the Liberty Street Bridge at Mile 4.99 over the Saginaw River will require a 2-hour advance notice for openings. An 80-foot by 60-foot barge and push boat will be working under the bridge along with snoopers vehicles under the bridge. Mariners should provide advance notice for bridge openings and to request the barges to move by calling the drawtender at 608-425-0171 or email [JDesmet@kraemerNA.com](mailto:JDesmet@kraemerNA.com).

[33/22] [38/22] [42/22] [45/22]

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

**LAKE MICHIGAN – EAST**

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

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**

The Coast Guard has published in the **Federal Register (87 FR 58292)** a proposal to modify the operating schedule that governs the U.S. Route 31 Bridge, mile 2.89, over the Grand River, at Grand Haven, Michigan. This proposed temporary modification will allow contractors to perform maintenance to the mechanical and electrical systems of the bridge during the winter navigation season. We invite your comments on this proposed rulemaking. The Coast Guard anticipates that this proposed rule will be effective from November 1, 2022 through May 26, 2023. You may submit comments and read the full docket identified by docket number **USCG-2022-0689** by using Federal Decision Making Portal at <https://www.regulations.gov>. If you have questions on this proposed rule, call or e-mail Mr. Lee D. Soule, Bridge Management Specialist, Ninth Coast Guard District; telephone 216-902-6085, e-mail [Lee.D.Soule@uscg.mil](mailto:Lee.D.Soule@uscg.mil). Comments and related material must reach the Coast Guard on or before **November 25, 2022**.

[39/22]

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

From August 15, 2022 through **April 30, 2023**, two 60-foot by 40-foot barges will be working around the piers and banks of the U.S. Route 31 Bridge at Mile 2.89 over the Grand River and the M-104 Bridge at Mile 3.15 over the Spring Lake Channel installing new riprap. The barges can be contacted on VHF-FM Marine Radio and will move to accommodate vessels passing if a 20-minute advance notice is provided. From September 6, 2022 through May 26, 2023, one-half of the U.S. Route 31 Bridge at Mile 2.89 over the Grand River will be secured to masted navigation and scaffolding that extends approximately 3-feet below low steel will be installed under the secured spans. Two 120-foot by 40-foot barges will be used to install a new submarine cable starting in November of 2022.

[30/22]

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

**LAKE MICHIGAN – MI – 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]

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

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

From January 17, 2023, through **March 31, 2023**, 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.

[44/22]

## LAKE MICHIGAN – CALUMET RIVER & LITTLE CALUMET RIVER

### **LAKE MICHIGAN – IL – Little Calumet River – Chart 14926**

From November 10 through **December 9, 2022**, between the hours of 0700 and 1630 Monday through Friday a 70-foot by 40-foot barge will be working under the I-94 Bridge at Mile 8.59 (CORPS MILE 324.6) over the Little Calumet River. The barge will monitor VHF-FM Marine Channel 16 and telephone: 630-448-7884 and will move if a 2-hour advance notice is provided.

[45/22] [46/22]

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

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

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

On **December 3, 2022**, between the hours of 0600 and 1800 the Amtrak Railroad Bridge at Mile 3.77 (CORPS MILE 323.5) over the South Branch of the Chicago River will be secured to masted navigation. Vessels able to pass under the bridge without an opening may do so at any time.

[45/22] [47/22]

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

From December 15, 2022, through **March 17, 2023**, between the hours of 0700 and 1730 Monday through Saturday a 100-foot by 60-foot barge will be working under the Fullerton Avenue Bridge at Mile 5.30 (CORPS MILE 329.1) over the North Branch of the Chicago River. The barge will monitor VHF-FM Marine Channel 16 and move if a 15-minute advance notice is provided directly to the barge.

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

From November 28 through **December 9, 2022**, between the hours of 0700 and 1800 daily a 110-foot by 35-foot barge will be inspecting the South Halstead Street Bridge at Mile 4.47 (CORPS MILE 322.8) over the South Branch of the Chicago River. The barge will move if a 30-minute advance notice is provided. Mariners should provide advance notice directly to the barge on VHF-FM Marine Radio Channel 16 or calling 630-217-8148.

[47/22]

## CALUMET SAG CHANNEL

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

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

from April 4 through **December 15, 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. A 40-foot by 40-foot barge will be working under the bridges from 0700 to 1800 Monday through Saturday. The barge will monitor

VHF-FM Marine Channel 16 and will move with a 15-minute advance notice.

[12/22] [38/22]

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

(Lake Michigan to Mile 36.2/291.1)

### **LAKE MICHIGAN – IL – Chicago Sanitary and Ship Canal**

From December 15, 2022, through **March 17, 2023**, between the hours of 0700 and 1730 Monday through Saturday a 100-foot by 60-foot barge and a 200-foot by 30-foot barge will be removing the north bound lanes of the Northern Illinois Toll Highway I-294 Bridge at Mile 18.1 (CORPS MILE 309.3) over the Chicago Sanitary and Ship Canal. The barge will move to accommodate vessel traffic if a 3-hour advance notice is provided by VHF-FM marine Radio Channel 16 or by calling 847-888-1188.

[46/22]

## LAKE MICHIGAN – WEST

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

#### **LAKE MICHIGAN – WI – Fox River – Chart 14972**

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

[11/22]

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

#### **LAKE MICHIGAN – WI – Fox River – Chart 14916**

From October 24, 2022, through **March 31, 2023**, the Racine Street Bridge at Mile 37.91 over the Fox River at Menasha remains under construction. The new drawspan has been installed but the lifting machinery is not installed and the bridge cannot open. The temporary bridge over the slip near the George Banta Dock will continue to remain for temporary access. 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] [37/22] [43/22]

#### **LAKE MICHIGAN – WI – Fox River – Chart 14972**

On **August 20, 2023**, between the hours of 0615 the Racine Street Bridge at Mile 37.91 and the Main Street Bridge at Mile 55.97 over the Fox River will be secured to masted navigation in conjunction with the Race the Lake Marathon. Vessels able to pass under the bridge without an opening may do so at any time.

[41/22]

#### **LAKE MICHIGAN – WI – Fox River – Chart 14972**

From November 14, 2022, through **March 31, 2023**, the Jackson Street Bridge at Mile 56.22 over the Fox River will be secured to masted navigation for maintenance. Vessels able to pass under the bridge without an opening may do so at any time.

[42/22]

#### **LAKE MICHIGAN – WI – 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]

## LAKE SUPERIOR

**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)

Sorted by Chart Number

## Authorized Winter Hours for Great Lakes Bridges

October 15, 2022 - April 30, 2023

Last Updated: 22 OCT 2022

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			
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	Craig Mem	3.3	Maumee	1-Jan	31-Mar	12-hours	419-409-0147	419-373-7050		
14846	Toledo	MLK	4.3	Maumee	21-Dec	31-Dec	04-hours	419-936-3920	419-467-3558	419-467-3556	
14846	Toledo	MLK	4.3	Maumee	1-Jan	31-Mar	12-hours	419-936-3920	419-467-3558	419-467-3556	
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	See LNM 40/22	See LNM 40/22		
14848	Detroit	Grosse Ile Free	5.6	Detroit River	15-Dec	15-Mar	12-hours	734-955-2172	888-762-3273	734-576-9607	
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			

lee.d.soule@uscg.mil

216-902-6085

Sorted by Chart Number

## Authorized Winter Hours for Great Lakes Bridges

October 15, 2022 - April 30, 2023

Last Updated: 22 OCT 2022

14865	Port Huron	Canadian Natl	1.56	Black River	1-Nov	30-Apr	12-hours	708-332-3002	708-332-3160	312-533-7011
14865	Port Huron	Military St	0.3	Black River	1-Nov	30-Apr	12-hours	810-984-9730	810-985-8115	
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	989-529-2303	989-529-0952	989-274-1381
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	312-533-7011
14886	Cheboygan	US23	0.9	Cheboygan	15-Dec	31-Mar	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	312-533-7011
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	312-533-7011
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	920-686-6518	920-683-4470	920-374-0403
14922	Manitowoc	Tenth Street	0.43	Manitowoc	1-Nov	31-Mar	12-hours	920-686-6518	920-683-4470	920-374-0403
14922	Sheboygan	Eighth Street	0.69	Sheboygan	1-Nov	30-Apr	12-hours	920-207-9742		

lee.d.soule@uscg.mil

216-902-6085



Sorted by Chart Number

Authorized Winter Hours for Great Lakes Bridges  
October 15, 2022 - April 30, 2023

Last Updated: 22 OCT 2022

14924	Milwaukee	All City Owned	1.28	Milwaukee	2-Nov	15-Apr	12-Hours	VHF-FM 16	414-286-2575	VHF-174-1411	
14924	Milwaukee	Canadian Pac	1.05	Menominee	2-Nov	16-Apr	12-Hours	414-389-3772	414-278-1385	414-184-1411	
14924	Milwaukee	Canadian Pac	1.67	Kinnickinnic	2-Nov	16-Apr	12-Hours	414-389-3772	414-278-1385	414-184-1411	
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	262-104-	
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	219-104-0401	
									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	260-409-4420			
14933	Grand Haven	US 31	2.9	Grand River	15-Dec	15-Mar	12-hours	SEE LNM	SEE LNM	SEE 1N4-2421	
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			
14938	Manistee	CSX RR	1.5	Manistee	1-Nov	30-Apr	24-hours	231-723-6241	616-293-0564	231-364-1413	
14942	Charlevoix	Bridge Street	0.3	Pine River	1-Jan	31-Mar	12-hours	231-342-8713	231-357-2377	231-374-0403	
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 Hours not	312-533-7011 requested	

Sorted by Chart Number

Authorized Winter Hours for Great Lakes Bridges  
October 15, 2022 - April 30, 2023

Last Updated: 22 OCT 2022

Note 1	0800-1600	Open On Signal
Note 2	0700-2300	Open On Signal
*	12-Hours	Commercial
Special		See Lock Schedule
See LNM		Maintenance Scheduled
**	Cell Phone	You can TEXT

Waterway Analysis and Management System Survey

Name of Waterway: \_\_\_\_\_

User Information

\_\_\_ Commercial User

\_\_\_ Recreational User

Number of years in the maritime industry or number of years using this waterway: \_\_\_\_\_

Number of transits in the waterway per year: \_\_\_\_\_

Number of night transits of waterway: \_\_\_\_\_

Seasonal Dates: Start: \_\_\_\_\_ End: \_\_\_\_\_

Name of Vessel: \_\_\_\_\_

Vessel Description: \_\_\_\_\_

Length: \_\_\_\_\_ Beam: \_\_\_\_\_ Draft: \_\_\_\_\_ Gross Tons: \_\_\_\_\_

Net Tons: \_\_\_\_\_ Bridge Height of Eye: \_\_\_\_\_

Cargo Carried: \_\_\_\_\_

Navigational tools used: (ECDIS/ECPINS, GPS, DGPS, VISUAL, RADAR) \_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

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

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Are the floating aids to navigation (lighted and unlighted buoys) adequate for this waterway: \_\_\_\_\_

\_\_\_\_\_

---

---

---

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

---

---

---

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

---

---

---

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

---

---

---

---

---

---

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

---

---

---

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

---

---

---

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

---

---

---

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

---

---

---

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

---

---

---

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

---

---

---

---

Thank you for taking time to comment on this waterway. Your input as a mariner very valuable to the U. S. Coast Guard in evaluating waterways to make them safe and as easily navigable as possible. Please feel free to contact [D09-DG-District-D9-ATON-Support@uscg.mil](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

---