



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

## LOCAL NOTICE TO MARINERS

**District: 9**

**Week: 09/23**

Issued by: Commander (dpw)  
Ninth Coast Guard District  
1240 East Ninth Street,  
Cleveland, OH 44199-2060  
Telephone: (216) 902-6069

Direct questions about this LNM to the above address.

All distances in this publication are STATUTE MILES unless otherwise noted.\*

\*District Nine Internet Address\* <https://www.atlanticarea.uscg.mil/Our-Organization/District-9/>

\*District Nine Local Notice to Mariners email Address\* D09-DG-District-D9-LocalNoticetoMariners@uscg.mil

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

Light List Reference: Commandant Publication P16502.7, VOL VII, 2023 Edition

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

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

The Local Notice to Mariners is available on the Internet at <https://www.navcen.uscg.gov/local-notice-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 - B007-23 through B007-23

Ninth District - C010-23 through C011-23

Sector Detroit, MI - D005-22 through D005-23

Sector Lake Michigan, WI - M026-23 through M031-23

Sector Sault Ste Marie, MI - S025-23 through S025-23

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

NIS also disseminates Safety Broadcasts (BNM), Local Notice to Mariners (LNM), and the latest Notice Advisory to Navstar Users (NANU). NANU notices can be obtained via email subscription through the USCG Navigation Center website: <https://cgls.uscg.mil/mailman/listinfo/nanu>. In addition,

the NIS investigates all reports of degradation or loss of GPS, DGPS or AIS service. Users are encouraged to report all degradation or loss of radio navigation services to the NIS via any of the following: Phone: (703) 313-5900, mail to: [webmaster@smtp.navcen.uscg.mil](mailto:webmaster@smtp.navcen.uscg.mil), or on the internet at: <https://www.navcen.uscg.gov>

## 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

#### **2023 Light List**

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

LNM: 05/23

#### **USACE NOTICE TO NAVIGATION INTERESTS**

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

Buffalo: <http://www.lrb.usace.army.mil/>  
Detroit: <http://www.lre.usace.army.mil/>

Chicago: <http://www.lrc.usace.army.mil/>  
Rock Island: <http://www.mvr.usace.army.mil/>  
St. Paul: <https://www.mvp.usace.army.mil/>

LNLM: 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/>

LNLM: 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.

LNLM: 42/22

#### **OPERATION TACONITE**

At the start of each voyage or transit, to enhance the coordination of ice breaking resources, COTP SAULT STE MARIE directs all shipping companies to provide an estimated time of arrival for their vessels downbound to Whitefish Point, upbound to Detour Reef LT, eastbound to Landing Shoal, westbound to round island, or arriving or Departing from any of the western Superior ports and terminals. Similarly, for vessels operating in Lake Michigan in presence of ice, all shipping companies should provide an estimated time of arrival for vessels entering the Sturgeon Bay Ship Canal, Rock Island Passage or when arriving or departing Escanaba, Green Bay, Marinette or any other ports and terminals within Green Bay. Estimated times of arrival must be received 6 hours prior to a vessel's arrival to any of these points or once a day by 1000 (Eastern). Position reports may be filed with Soo Traffic either by landline (906-635-3232), Fax (906-635-3238), or email (SOOTFC@USCG.MIL). A vessel's ETA must be updated whenever the arrival time changes by more than six hours. Mariners are asked to establish VHF radio contact with the servicing icebreaker on VHF-FM Channel 16 approximately one hour before reaching the appropriate service area. Speed limit is reduced by 2 MPH for upbound and downbound traffic from Nine Mile Point to Munuscong Lake Junction Light

LNLM: 51/22

#### **WATERWAY CLOSURE-Straits of Mackinac**

In accordance with 33 CFR 162.117, VTS St. Marys River closed Pipe Island Passage to the east of Pipe Island Shoal and north of Pipe Island Twins. Pipe Island course is an alternating one way route effective 0800 local 17 Jan 2023.

In accordance with 33 CFR 165.901, the Captain of the Port Sault Ste Marie closed Grays Reef Passage effective 1500 29 Jan 2023.

In accordance with 33 CFR 165.944, the Captain of the port Sault Ste Marie closed the waters between Cheboygan, MI and Bois Blanc Island known as the South Channel effective 1100 local 04 Feb 2023.

LNLM: 03/23

#### **WATERWAY CLOSURE-St. Marys River-Munuscong Lake to Sault Ste Marie**

In accordance with 33 CFR 162.117, VTS St Mary's River closed the West Neebish Channel. Alternating one way traffic is established in the Munuscong and Middle Neebish channels effective 0800 local 17 Jan 2023.

LNLM: 03/23

#### **WATERWAY CLOSURE-Southern Green Bay**

On January 26th 1200 local time, In accordance with 33 CFR 165.901 the Captain of the Port Sector Lake Michigan will close all waters in Southern Green Bay to minimize risk to recreational ice users. Southern Green Bay is defined as a line extended south from Peshtigo Point Light to Sherwood Point Light in the bay of Green Bay. Further inquiries can be made by phone to Sector Lake Michigan at (414)747-7182 OR VHF channel 16.

LNLM: 04/23

#### **OPERATION COAL SHOVEL**

Commander U.S. Coast Guard Sector Detroit has commenced Operation COAL SHOVEL. To enhance the coordination of ice breaking resources, Captain of the Port Detroit directs all shipping companies to provide an estimated time of arrival (ETA) for their vessels arriving or departing from any port or terminal within the Operation COAL SHOVEL area of responsibility (AOR).

The COAL SHOVEL AOR extends from the eastern extent of navigable waters of Lake Erie through the Detroit and St. Clair River system and north to include all navigable waters of Lake Huron south of 45 degrees, 20 minutes north latitude.

ETA reports must be received six (6) hours prior to vessel arrival or once a day by 1000 (eastern). This requirement may be met through submission of the Daily Vessel Movement Reports in electronic form via email to SecDetroitWWM@uscg.mil. Estimated time of arrivals must be updated whenever the arrival time deviates by more than 6 hours. ETA updates may be reported by telephone to the Sector Detroit Command Center at 313-568-9560.

LNM: 01/23

#### **DETROIT RIVER – MI – Ballards Reef – Chart 14853**

The Mamajuda Shoal Junction Lighted Buoy (LLNR 7740) seasonal summer hull has yet to be recovered and was reported in position 42-08-59.820N 083-07-24.850W, 200 yards east of the channel. The buoy is a green-red-green junction buoy and is currently unlit. All mariners are requested to transit the area with caution.

LNM: 04/23

#### **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 – Illinois River – Chart 14901**

The Left Descending Bank buoys on the Illinois River between MM 205 and MM 205.3 have been reported off station approximately 200FT. Mariners are requested to transit the area with caution. The Left Descending Bank buoys on the Illinois River between MM 205 and MM 205.3 have been reported off station approximately 200FT. Mariners are requested to transit the area with caution.

LNM: 49/22

#### **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

## **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
890	St. Lawrence Seaway Lighted Buoy 126A	REDUCED INT		B181-22	48/22	
1200	St. Lawrence Seaway Lighted Buoy 162	LT EXT		B185-22	51/22	
2710	Buffalo Harbor North Entrance Light 6	DAYMK MISSING	14833	B188-22	01/23	
2715	Buffalo Harbor Old Breakwater North End Light	DAYMK MISSING	14833	B189-22	01/23	
2725	Buffalo Coast Guard Slip Light	STRUCT DMGD	14833	B187-22	01/23	
3570	Erie Harbor Junction Buoy M	OFF STA	14835	B006-23	02/23	
6885	Detroit River Light	SS INOP	14848	D001-23	01/23	
6895	East Outer Channel Light 1E	SS INOP	14830	D002-23	01/23	
6965	Amherstburg Channel Lighted Buoy 23	MISSING	14848		52/22	
7735	Fighting Island Channel South Light	LT IMCH	14853	D108-22	52/22	
8410	Peche Island Range Rear Light	DAYMK IMCH	14853	D084-22	37/22	

8425	Lake St. Clair Buoy 3	OFF STA	14853	09/23
13385	Lake Nicolet Lighted Buoy 64	OFF STA	14887 S007-23	02/23
13475	West Neebish Channel (Downbound) Upper Range Rear Light	LT EXT/DAYMK MISSING	14887 S012-23	51/21
13515	West Neebish Channel (Downbound) Oak Ridge Range Front Light	DAYMK MISSING	14887	50/22
13730	West Neebish Channel (Downbound) Lighted Buoy 6	OFF STA	14887 S008-23	52/22
13735	West Neebish Channel (Downbound) Lighted Buoy 5	MISSING	14887 S156-22	52/22
14050	Six Mile Point Range Rear Light	DAYMK MISSING	14883 S154-22	10/21
14185	Bayfield Dike Light (C)	LT EXT	S021-23	02/23
15115	Keweenaw Upper Entrance West Breakwater Light	STRUCT DEST	14972 S015-23	02/23
15670	Superior Harbor Basin Buoy 1	MISSING	14975	01/23
17210	Canoe Channel Daybeacon 8	STRUCT DEST/TRUB		23/22
17550	Kabetogama Lake Warning Daybeacon	STRUCT DEST	S114-22	34/22
18650	White Lake North Pierhead Light 1	LT EXT	14935 M020-23	04/23
18965	Grand Haven South Pierhead Entrance Light	REDUCED INT/SS INOP	14933 M322-22	48/22
21275	Rowley Bay Buoy 2	MISSING	14909 M111-22	21/22
21455	Gravelly Island Shoal Buoy 4	MISSING	14909 M110-22	21/22
22130	Green Bay Harbor Entrance Light	LT EXT	14918 M010-23	03/23
22145	Green Bay Harbor Entrance Channel Lighted Buoy 9	OFF STA	14918	01/23
22180	Green Bay Harbor Entrance Channel Range Front Light	LT EXT/DAYMK DMGD	14918 M327-22	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
3880	Fairport Harbor West Pier Light	RELIGHTED	14837		08/23	09/23
13030	Munuscong Channel (Upbound) Junction Light ML	RELIGHTED	14883		03/23	09/23

#### DISCREPANCIES (PRIVATE AIDS)

LLNR	Aid Name	Status	Chart No.	BNM Ref.	LNM St	LNM End
4240	Cuyahoga River Abutment Light	LT EXT	14839		27/22	
12585	Old Round Island Point Light	LT EXT	14881	S006-23	01/23	
20260	Highland Park Breakwater Light	LT EXT	14905	M015-23	04/23	
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					CGD01	
(Temp) ADD	NATIONAL DOCK CHANNEL BUOY 3				at 40-41-09.001N	074-02-48.001W
	Green can					
Corrective Action	Object of Corrective Action				Position	

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

<b>14500</b>	<b>28th Ed.</b>	<b>01-OCT-16</b>	<b>Last LNM: 20/20</b>	<b>NAD 83</b>	<b>09/23</b>
<i>ChartTitle: Great Lakes, Lake Champlain to Lake of the Woods</i>					
<b>Main Panel 1568 GENERAL CHART OF THE GREAT LAKES. Page/Side: A</b>					
LAST EDITION	No new editions of chart 14500 will be published. It will be canceled on 31-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>14770</b>	<b>17th Ed.</b>	<b>01-OCT-04</b>	<b>Last LNM: 13/99</b>	<b>NAD 83</b>	<b>09/23</b>
<i>ChartTitle: Morristown, N.Y. to Butternut, Ont.</i>					
<b>Main Panel 1018 ST LAWRENCE RIVER MORRISTOWN N.Y. TO BUTTERNUT BAY, ONT. . Page/Side: N/A</b>					
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 <a href="https://www.charts.noaa.gov/MCD/Dole.shtml">https://www.charts.noaa.gov/MCD/Dole.shtml</a> .				--
				NOS	
				--	--
<b>14771</b>	<b>17th Ed.</b>	<b>01-MAY-04</b>	<b>Last LNM: 39/08</b>	<b>NAD 83</b>	<b>09/23</b>
<i>ChartTitle: Butternut Bay, Ont., to Ironsides I., N.Y.</i>					
<b>Main Panel 1019 ST LAWRENCE RIVER BUTTERNUT BAY, ONT. TO IRONSIDES ISLAND, N.Y.. Page/Side: N/A</b>					
LAST EDITION	No new editions of chart 14771 will be published. It will be canceled on 31-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>14772</b>	<b>18th Ed.</b>	<b>01-DEC-05</b>	<b>Last LNM: 30/08</b>	<b>NAD 83</b>	<b>09/23</b>
<i>ChartTitle: Ironsides I., N.Y., to Bingham I., Ont.</i>					
<b>Main Panel 1020 ST LAWRENCE RIVER IRONSIDES I., N.Y. TO BINGHAM I., ONT. Page/Side: N/A</b>					
LAST EDITION	No new editions of chart 14772 will be published. It will be canceled on 31-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>14773</b>	<b>17th Ed.</b>	<b>01-SEP-04</b>	<b>Last LNM: 05/11</b>	<b>NAD 83</b>	<b>09/23</b>
<i>ChartTitle: Gananoque, Ont., to St. Lawrence Park. N.Y.</i>					
<b>Main Panel 1021 ST LAWRENCE RIVER GANANOQUE, ONT. TO ST. LAWRENCE PARK, N.Y.. Page/Side: N/A</b>					
LAST EDITION	No new editions of chart 14773 will be published. It will be canceled on 31-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>14774</b>	<b>17th Ed.</b>	<b>01-JUL-04</b>	<b>Last LNM: 18/99</b>	<b>NAD 83</b>	<b>09/23</b>
<i>ChartTitle: Round I., N.Y., and Gananoque, Ont., to Wolfe I., Ont.</i>					
<b>Main Panel 1022 ST LAWRENCE RIVER ROUND ISLAND, N.Y. AND GANANOQUE, ONT. TO WOLFE - ISLAND ONT.. Page/Side: N/A</b>					
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 <a href="https://www.charts.noaa.gov/MCD/Dole.shtml">https://www.charts.noaa.gov/MCD/Dole.shtml</a> .				--
				NOS	
				--	--
<b>14788</b>	<b>20th Ed.</b>	<b>01-APR-16</b>	<b>Last LNM: 05/06</b>	<b>NAD 83</b>	<b>09/23</b>
<i>ChartTitle: Oneida Lake - Lock 22 to Lock 23</i>					
<b>Main Panel 1107 ONEIDA LAKE LOCK 22 TO LOCK 23. Page/Side: A</b>					
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> .				--
				NOS	
				--	--
<b>14791</b>	<b>19th Ed.</b>	<b>01-JUN-16</b>	<b>Last LNM: 17/17</b>	<b>NAD 83</b>	<b>09/23</b>

ChartTitle: Cayuga and Seneca Lakes;Watkins Glen;lthaca

Main Panel 1108 NEW YORK STATE BARGE CANAL SYSTEM CAYUGA AND SENECA LAKES. Page/Side: A

LAST EDITION No new editions of chart 14791 will be published. It will be canceled on 31-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 -- --

14802 31st Ed. 01-OCT-05 Last LNM: 40/21 NAD 83 09/23

ChartTitle: Clayton to False Ducks Is.

Main Panel 1113 LAKE ONTARIO . Page/Side: N/A

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 <https://www.charts.noaa.gov/MCD/Dole.shtml>. NOS -- --

14803 28th Ed. 01-FEB-15 Last LNM: 07/15 NAD 83 09/23

ChartTitle: Six Miles south of Stony Point to Port Bay;North Pond;Little Sodus Bay

Main Panel 1114 SIX MILES SOUTH OF STONY POINT TO PORT BAY. Page/Side: A

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 <https://www.charts.noaa.gov/MCD/Dole.shtml>. NOS -- --

14804 25th Ed. 01-MAR-14 Last LNM: 42/21 NAD 83 09/23

ChartTitle: Port Bay to Long Pond;Port Bay Harbor;Irondequoit Bay

Main Panel 1117 PORT BAY TO LONG POND NEW YORK. Page/Side: N/A

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 <https://www.charts.noaa.gov/MCD/Dole.shtml>. NOS -- --

14805 25th Ed. 01-MAR-14 Last LNM: 39/11 NAD 83 09/23

ChartTitle: Long Pond to Thirtymile Point;Point Breeze Harbor

Main Panel 1119 LONG POND TO THIRTYMILE POINT NEW YORK. Page/Side: N/A

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 <https://www.charts.noaa.gov/MCD/Dole.shtml>. NOS -- --

14806 24th Ed. 01-OCT-04 Last LNM: 16/17 NAD 83 09/23

ChartTitle: Thirtymile Point, N.Y., to Port Dalhousie, Ont.

Main Panel 1121 THIRTY MILE PT NEW YORK TO PORT DALHOUSIE ONT. Page/Side: N/A

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 <https://www.charts.noaa.gov/MCD/Dole.shtml>. NOS -- --

14811 18th Ed. 01-MAY-16 Last LNM: 06/06 NAD 83 09/23

ChartTitle: Chaumont, Henderson and Black River Bays;Sackets Harbor;Henderson Harbor;Chaumont Harbor

Main Panel 1124 CHAUMONT HENDERSON AND BLACK RIVER BAYS NEW YORK. Page/Side: A

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 <https://www.charts.noaa.gov/MCD/Dole.shtml>. NOS -- --

14813 22nd Ed. 01-DEC-13 Last LNM: 16/17 NAD 83 09/23

ChartTitle: Oswego Harbor

Main Panel 1128 OSWEGO HARBOR LAKE ONTARIO NEW YORK. Page/Side: N/A



					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 <a href="https://www.charts.noaa.gov/MCD/Dole.shtml">https://www.charts.noaa.gov/MCD/Dole.shtml</a> .			--	--
<b>14814</b>	<b>26th Ed.</b>	<b>01-DEC-13</b>	<b>Last LNM: 11/15</b>	<b>NAD 83</b>		<b>09/23</b>
<i>ChartTitle: Sodus Bay</i>						
<b>Main Panel 1129 SODUS BAY LAKE ONTARIO NEW YORK. Page/Side: N/A</b>						
	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 <a href="https://www.charts.noaa.gov/MCD/Dole.shtml">https://www.charts.noaa.gov/MCD/Dole.shtml</a> .			NOS	--
					--	--
<b>14815</b>	<b>24th Ed.</b>	<b>01-DEC-13</b>	<b>Last LNM: 30/14</b>	<b>NAD 83</b>		<b>09/23</b>
<i>ChartTitle: Rochester Harbor, including Genessee River to head of navigation</i>						
<b>Main Panel 1130 ROCHESTER HBR GENESEE RIV TO HEAD OF NAVIGATION LAKE ONTARIO NY 1. Page/Side: N/A</b>						
	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 <a href="https://www.charts.noaa.gov/MCD/Dole.shtml">https://www.charts.noaa.gov/MCD/Dole.shtml</a> .			NOS	--
					--	--
<b>14816</b>	<b>24th Ed.</b>	<b>01-FEB-04</b>	<b>Last LNM: 33/13</b>	<b>NAD 83</b>		<b>09/23</b>
<i>ChartTitle: Lower Niagara River</i>						
<b>Main Panel 1132 LOWER NIAGARA RIVER. Page/Side: N/A</b>						
	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 <a href="https://www.charts.noaa.gov/MCD/Dole.shtml">https://www.charts.noaa.gov/MCD/Dole.shtml</a> .			NOS	--
					--	--
<b>14822</b>	<b>32nd Ed.</b>	<b>01-AUG-05</b>	<b>Last LNM: 12/17</b>	<b>NAD 83</b>		<b>09/23</b>
<i>ChartTitle: Approaches to Nigara River and Welland Canal</i>						
<b>Main Panel 1135 NIAGARA RIVER AND WELLAND CANAL. Page/Side: N/A</b>						
	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 <a href="https://www.charts.noaa.gov/MCD/Dole.shtml">https://www.charts.noaa.gov/MCD/Dole.shtml</a> .			NOS	--
					--	--
<b>14823</b>	<b>31st Ed.</b>	<b>01-DEC-12</b>	<b>Last LNM: 12/17</b>	<b>NAD 83</b>		<b>09/23</b>
<i>ChartTitle: Sturgeon Point to Twentymile Creek;Dunkirk Harbor;Barcelona Harbor</i>						
<b>Main Panel 1136 STURGEON POINT TO TWENTY MILE CREEK NEW YORK. Page/Side: A</b>						
	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 <a href="https://www.charts.noaa.gov/MCD/Dole.shtml">https://www.charts.noaa.gov/MCD/Dole.shtml</a> .			NOS	--
					--	--
<b>14824</b>	<b>26th Ed.</b>	<b>01-OCT-03</b>	<b>Last LNM: 37/17</b>	<b>NAD 83</b>		<b>09/23</b>
<i>ChartTitle: Sixteenmile Creek to Conneaut;Conneaut Harbor</i>						
<b>Main Panel 1142 SIXTEEN MILE CREEK TO CONNEAUT. Page/Side: N/A</b>						
	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 <a href="https://www.charts.noaa.gov/MCD/Dole.shtml">https://www.charts.noaa.gov/MCD/Dole.shtml</a> .			NOS	--
					--	--
<b>14825</b>	<b>25th Ed.</b>	<b>01-JAN-06</b>	<b>Last LNM: 37/17</b>	<b>NAD 83</b>		<b>09/23</b>
<i>ChartTitle: Ashtabula to Chagrin River;Mentor Harbor;Chagrin River</i>						
<b>Main Panel 1144 ASHTABULA TO CHAGRIN RIVER. Page/Side: N/A</b>						
	LAST EDITION	No new editions of chart 14825 will be published. It will be canceled on			NOS	--
					--	--

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>14826</b>	<b>28th Ed.</b>	<b>01-SEP-10</b>	<b>Last LNM: 48/19</b>	<b>NAD 83</b>	<b>09/23</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>					
				NOS	
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> .				--
<b>14830</b>	<b>34th Ed.</b>	<b>01-FEB-19</b>	<b>Last LNM: 38/18</b>	<b>NAD 83</b>	<b>09/23</b>
<i>ChartTitle: West End of Lake Erie; Port Clinton Harbor; Monroe Harbor; Lorain to Detroit River; Vermilion</i>					
<b>Main Panel 1151 WEST END OF LAKE ERIE - -. Page/Side: -</b>					
				NOS	
LAST EDITION	No new editions of chart 14830 will be published. It will be canceled on 05-Jul-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>14832</b>	<b>35th Ed.</b>	<b>01-MAR-13</b>	<b>Last LNM: 12/17</b>	<b>NAD 83</b>	<b>09/23</b>
<i>ChartTitle: Niagara Falls to Buffalo</i>					
<b>Main Panel 1156 UPPER NIAGARA RIVER. Page/Side: N/A</b>					
				NOS	
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> .				--
<b>14833</b>	<b>27th Ed.</b>	<b>01-DEC-12</b>	<b>Last LNM: 12/17</b>	<b>NAD 83</b>	<b>09/23</b>
<i>ChartTitle: Buffalo Harbor</i>					
<b>Main Panel 1157 BUFFALO HARBOR NEW YORK. Page/Side: N/A</b>					
				NOS	
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> .				--
<b>14835</b>	<b>33rd Ed.</b>	<b>01-OCT-12</b>	<b>Last LNM: 08/16</b>	<b>NAD 83</b>	<b>09/23</b>
<i>ChartTitle: Erie Harbor</i>					
<b>Main Panel 1158 ERIE HARBOR. Page/Side: N/A</b>					
				NOS	
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> .				--
<b>14836</b>	<b>28th Ed.</b>	<b>01-NOV-13</b>	<b>Last LNM: 37/17</b>	<b>NAD 83</b>	<b>09/23</b>
<i>ChartTitle: Ashtabula Harbor</i>					
<b>Main Panel 1159 ASHTABULA HARBOR OHIO. Page/Side: N/A</b>					
				NOS	
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> .				--
<b>14837</b>	<b>29th Ed.</b>	<b>01-OCT-13</b>	<b>Last LNM: 43/16</b>	<b>NAD 83</b>	<b>09/23</b>
<i>ChartTitle: Fairport Harbor</i>					
<b>Main Panel 1160 FAIRPORT HARBOR LAKE ERIE-OHIO. Page/Side: N/A</b>					
				NOS	
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 <https://www.charts.noaa.gov/MCD/Dole.shtml>.

<b>14839</b>	<b>38th Ed.</b>	<b>01-MAY-15</b>	<b>Last LNM: 19/21</b>	<b>NAD 83</b>	<b>09/23</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 <a href="https://www.charts.noaa.gov/MCD/Dole.shtml">https://www.charts.noaa.gov/MCD/Dole.shtml</a> .				--	--
<b>14841</b>	<b>30th Ed.</b>	<b>01-MAY-15</b>	<b>Last LNM: 37/17</b>	<b>NAD 83</b>	<b>09/23</b>
<i>ChartTitle: Lorain Harbor</i>					
<b>Main Panel 1162 LORAIN HARBOR OHIO. Page/Side: A</b>					
				NOS	
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> .				--	--
<b>14843</b>	<b>24th Ed.</b>	<b>01-OCT-13</b>	<b>Last LNM: 02/16</b>	<b>NAD 83</b>	<b>09/23</b>
<i>ChartTitle: Huron Harbor</i>					
<b>Main Panel 1207 HURON HARBOR LAKE. Page/Side: N/A</b>					
				NOS	
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> .				--	--
<b>14845</b>	<b>28th Ed.</b>	<b>01-MAR-14</b>	<b>Last LNM: 27/18</b>	<b>NAD 83</b>	<b>09/23</b>
<i>ChartTitle: Sandusky Harbor</i>					
<b>Main Panel 1210 SANDUSKY HARBOR OHIO. Page/Side: N/A</b>					
				NOS	
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> .				--	--
<b>14847</b>	<b>31st Ed.</b>	<b>01-FEB-05</b>	<b>Last LNM: 12/17</b>	<b>NAD 83</b>	<b>09/23</b>
<i>ChartTitle: Toledo Harbor;Entrance Channel to Harbor</i>					
<b>Main Panel 1250 TOLEDO HARBOR OHIO. Page/Side: N/A</b>					
				NOS	
LAST EDITION No new editions of chart 14847 will be published. It will be canceled on 05-Jul-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>14848</b>	<b>60th Ed.</b>	<b>01-OCT-18</b>	<b>Last LNM: 04/17</b>	<b>NAD 83</b>	<b>09/23</b>
<i>ChartTitle: Detroit River</i>					
<b>Main Panel 1252 DETROIT RIVER MICHIGAN - -. Page/Side: -</b>					
				NOS	
LAST EDITION No new editions of chart 14848 will be published. It will be canceled on 05-Jul-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>14850</b>	<b>56th Ed.</b>	<b>01-DEC-18</b>	<b>Last LNM: 44/21</b>	<b>NAD 83</b>	<b>09/23</b>
<i>ChartTitle: Lake St. Clair</i>					
<b>Main Panel 1257 LAKE SAINT CLAIR - -. Page/Side: -</b>					
				NOS	
LAST EDITION No new editions of chart 14850 will be published. It will be canceled on 05-Jul-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>14852</b>	<b>48th Ed.</b>	<b>01-OCT-18</b>	<b>Last LNM: 33/18</b>	<b>NAD 83</b>	<b>09/23</b>
<i>ChartTitle: St. Clair River;Head of St. Clair River</i>					
<b>Main Panel 1260 SAINT CLAIR RIVER MICHIGAN - -. Page/Side: -</b>					
				NOS	
LAST EDITION	No new editions of chart 14852 will be published. It will be canceled on 05-Jul-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>14854</b>	<b>16th Ed.</b>	<b>01-NOV-18</b>	<b>Last LNM: 04/17</b>	<b>NAD 83</b>	<b>09/23</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>					
				NOS	
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> .				--
<b>14862</b>	<b>29th Ed.</b>	<b>01-MAY-16</b>	<b>Last LNM: 28/17</b>	<b>NAD 83</b>	<b>09/23</b>
<i>ChartTitle: Port Huron to Pte aux Barques;Port Sanilac;Harbor Beach</i>					
<b>Main Panel 1313 PORT HURON TO POINT AUX BARQUES MICHIGAN. Page/Side: A</b>					
				NOS	
LAST EDITION	No new editions of chart 14862 will be published. It will be canceled on 05-Jul-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>14863</b>	<b>33rd Ed.</b>	<b>01-FEB-20</b>	<b>Last LNM: 47/16</b>	<b>NAD 83</b>	<b>09/23</b>
<i>ChartTitle: Saginaw Bay;Port Austin Harbor;Caseville Harbor;Entrance to Au Sable River;Sebewaing Harbor;Tawas Harbor</i>					
<b>Main Panel 1316 SAGINAW BAY MICHIGAN - -. Page/Side: -</b>					
				NOS	
LAST EDITION	No new editions of chart 14863 will be published. It will be canceled on 05-Jul-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>14864</b>	<b>28th Ed.</b>	<b>01-NOV-13</b>	<b>Last LNM: 39/21</b>	<b>NAD 83</b>	<b>09/23</b>
<i>ChartTitle: Harrisville to Forty Mile Point;Harrisville Harbor;Alpena;Rogers City and Calcite</i>					
<b>Main Panel 1322 LK HURON HARRISVILLE-FORTY MILE POINT. Page/Side: N/A</b>					
				NOS	
LAST EDITION	No new editions of chart 14864 will be published. It will be canceled on 31-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>14865</b>	<b>17th Ed.</b>	<b>01-FEB-14</b>	<b>Last LNM: 03/16</b>	<b>NAD 83</b>	<b>09/23</b>
<i>ChartTitle: South End of Lake Huron</i>					
<b>Main Panel 1326 SOUTH END OF LAKE HURON &amp; HEAD OF ST CLAIR RIVER. Page/Side: N/A</b>					
				NOS	
LAST EDITION	No new editions of chart 14865 will be published. It will be canceled on 05-Jul-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>14867</b>	<b>27th Ed.</b>	<b>01-FEB-13</b>	<b>Last LNM: 43/21</b>	<b>NAD 83</b>	<b>09/23</b>
<i>ChartTitle: Saginaw River</i>					
<b>Main Panel 1327 SAGINAW RIVER MICHIGAN. Page/Side: N/A</b>					
				NOS	
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> .				--

<b>14869</b>	<b>27th Ed.</b>	<b>01-NOV-13</b>	<b>Last LNM: 47/13</b>	<b>NAD 83</b>	<b>09/23</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>					NOS
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> .					--
<b>14880</b>	<b>34th Ed.</b>	<b>01-OCT-19</b>	<b>Last LNM: 19/22</b>	<b>NAD 83</b>	<b>09/23</b>
<i>ChartTitle: Straits of Mackinac</i>					
<b>Main Panel 1333 STRAITS OF MACKINAC - -. Page/Side: -</b>					NOS
LAST EDITION No new editions of chart 14880 will be published. It will be canceled on 05-Jul-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>14881</b>	<b>36th Ed.</b>	<b>01-NOV-19</b>	<b>Last LNM: 48/19</b>	<b>NAD 83</b>	<b>09/23</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>					NOS
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 NOAA charts is at <a href="https://www.charts.noaa.gov/MCD/Dole.shtml">https://www.charts.noaa.gov/MCD/Dole.shtml</a> .					--
<b>14882</b>	<b>36th Ed.</b>	<b>01-JAN-14</b>	<b>Last LNM: 50/21</b>	<b>NAD 83</b>	<b>09/23</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>09/23</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>09/23</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>09/23</b>
<i>ChartTitle: Les Cheneaux Islands</i>					
<b>Main Panel 1345 LES CHENEUX 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>09/23</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>09/23</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>09/23</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>09/23</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>					
				NOS	
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>09/23</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>					
				NOS	
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>09/23</b>
<i>ChartTitle: Lower Green Bay;Oconto Harbor;Algoma</i>					
<b>Main Panel 1388 LOWER GREENBAY ALGOMA AND OCONTO - -. Page/Side: -</b>					
				NOS	
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>14911</b>	<b>22nd Ed.</b>	<b>01-FEB-16</b>	<b>Last LNM: 19/22</b>	<b>NAD 83</b>	<b>09/23</b>
<i>ChartTitle: Waugoshance Point to Seul Choix Point, including Beaver Island Group;Port Inland;Beaver Harbor</i>					
<b>Main Panel 1391 LK MICH WAUGOSHANCE PT-SEUL CHOIX PT. Page/Side: A</b>					
				NOS	
LAST EDITION No new editions of chart 14911 will be published. It will be canceled on 31-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>09/23</b>
<i>ChartTitle: Platte Bay to Leland;Leland;South Manitou Harbor</i>					

**Main Panel 1394 LK MICH PLATTE BAY-LELAND MICH. Page/Side: A**

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 <https://www.charts.noaa.gov/MCD/Dole.shtml>.

NOS

--

--

**14913 20th Ed. 01-JAN-16 Last LNM: 03/16 NAD 83 09/23***ChartTitle: Grand Traverse Bay to Little Traverse Bay;Harobr Springs;Petoskey;Elk Rapids;Suttons Bay;Northport;Traverse City***Main Panel 1397 LAKE MICH GRAND TRAV BAY & LITTLE TRAV BAY MICH. Page/Side: A**

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 <https://www.charts.noaa.gov/MCD/Dole.shtml>.

NOS

--

--

**14915 26th Ed. 01-MAR-14 Last LNM: 50/20 NAD 83 09/23***ChartTitle: Little Bay de Noc***Main Panel 1404 LITTLE BAY DE NOC MICHIGAN. Page/Side: N/A**

LAST EDITION No new editions of chart 14915 will be published. It will be canceled on 31-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

--

--

**14916 11th Ed. 01-APR-16 Last LNM: 23/18 NAD 83 09/23***ChartTitle: SMALL-CRAFT BOOK CHART - Lake Winnebago and Lower Fox River (book of 34 charts)***Main Panel 1405 LAKE WINNEBAGO & FOX RIV PG 2. Page/Side: \_02**

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 <https://www.charts.noaa.gov/MCD/Dole.shtml>.

NOS

--

--

**14917 25th Ed. 01-SEP-12 Last LNM: 15/15 NAD 83 09/23***ChartTitle: Menominee and Marinette Harbors***Main Panel 1441 MENOMINEE AND MARINETTE HARBORS. Page/Side: N/A**

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>.

NOS

--

--

**14918 28th Ed. 01-DEC-15 Last LNM: 23/18 NAD 83 09/23***ChartTitle: Head of Green Bay, including Fox River below De Pere;Green Bay***Main Panel 1442 HEAD OF GREEN BAY INCLUDING FOX RIVER BELOW DE PERE. Page/Side: A**

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 <https://www.charts.noaa.gov/MCD/Dole.shtml>.

NOS

--

--

**14919 29th Ed. 01-DEC-15 Last LNM: 40/21 NAD 83 09/23***ChartTitle: Sturgeon Bay and Canal;Sturgeon Bay***Main Panel 1444 STURGEON BAY AND CANAL LAKE MICHIGAN. Page/Side: A**

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 <https://www.charts.noaa.gov/MCD/Dole.shtml>.

NOS

--

--

**14922 21st Ed. 01-MAY-16 Last LNM: 50/21 NAD 83 09/23***ChartTitle: Manitowoc and Sheboygan***Main Panel 1446 MANITOWOC AND SHEBOYGAN WISCONSIN MANITOWOC. Page/Side: A**

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 <https://www.charts.noaa.gov/MCD/Dole.shtml>.

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. 01-DEC-12 Last LNM: 21/18 NAD 83</b>		<b>09/23</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. 01-DEC-15 Last LNM: 46/21 NAD 83</b>		<b>09/23</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. 01-MAY-19 Last LNM: 05/21 NAD 83</b>		<b>09/23</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. 01-AUG-20 Last LNM: 46/21 NAD 83</b>		<b>09/23</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 <a href="https://www.charts.noaa.gov/MCD/Dole.shtml">https://www.charts.noaa.gov/MCD/Dole.shtml</a> .	--	--
<b>14928</b>	<b>23rd Ed. 01-SEP-11 Last LNM: 36/17 NAD 83</b>		<b>09/23</b>
<i>ChartTitle: Chicago Harbor</i>			
<b>Main Panel 1484 CHICAGO HARBOR. Page/Side: N/A</b>			
		NOS	
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> .	--	--
<b>14929</b>	<b>26th Ed. 01-DEC-16 Last LNM: 05/21 NAD 83</b>		<b>09/23</b>
<i>ChartTitle: Calumet, Indiana and Buffington Harbors, and Lake Calumet</i>			
<b>Main Panel 1485 CALUMET AND INDIANA HARBORS. Page/Side: A</b>			
		NOS	
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> .	--	--
<b>14930</b>	<b>26th Ed. 01-NOV-12 Last LNM: 15/15 NAD 83</b>		<b>09/23</b>
<i>ChartTitle: St. Joseph and Benton Harbor</i>			
<b>Main Panel 1486 ST JOSEPH AND BENTON HARBOR MICHIGAN. Page/Side: N/A</b>			
		NOS	
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 <https://www.charts.noaa.gov/MCD/Dole.shtml>.

**14931**      **25th Ed.**      **01-NOV-15**      **Last LNM: 26/14**      **NAD 83**      **09/23**

*ChartTitle:* **Grand River From Dermo Bayou To Bass River**

**Main Panel 1489 GRAND RIVER MICH FROM DERMO BAYOU TO BASS RIVER. Page/Side: A**

NOS

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 <https://www.charts.noaa.gov/MCD/Dole.shtml>.    --    --

**14932**      **24th Ed.**      **01-NOV-15**      **Last LNM: 12/15**      **NAD 83**      **09/23**

*ChartTitle:* **Holland Harbor**

**Main Panel 1487 HOLLAND HARBOR . Page/Side: A**

NOS

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 <https://www.charts.noaa.gov/MCD/Dole.shtml>.    --    --

**14933**      **25th Ed.**      **01-SEP-13**      **Last LNM: 38/21**      **NAD 83**      **09/23**

*ChartTitle:* **Grand Haven, including Spring Lake and Lower Grand River**

**Main Panel 1488 GRAND HAVEN MICH INCL SPRING LAKE & LOWER GRAND RVR. Page/Side: N/A**

NOS

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 <https://www.charts.noaa.gov/MCD/Dole.shtml>.    --    --

**14934**      **30th Ed.**      **01-DEC-15**      **Last LNM: 22/13**      **NAD 83**      **09/23**

*ChartTitle:* **Muskegon Lake and Muskegon Harbor**

**Main Panel 1491 MUSKEGON HARBOR MICHIGAN MUSKEGON LAKE. Page/Side: A**

NOS

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 <https://www.charts.noaa.gov/MCD/Dole.shtml>.    --    --

**14935**      **22nd Ed.**      **01-OCT-15**      **Last LNM: 24/15**      **NAD 83**      **09/23**

*ChartTitle:* **White Lake**

**Main Panel 1492 WHITE LAKE . Page/Side: A**

NOS

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 <https://www.charts.noaa.gov/MCD/Dole.shtml>.    --    --

**14937**      **25th Ed.**      **01-SEP-13**      **Last LNM: 43/14**      **NAD 83**      **09/23**

*ChartTitle:* **Ludington Harbor**

**Main Panel 1493 LUDINGTON HARBOR . Page/Side: N/A**

NOS

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 <https://www.charts.noaa.gov/MCD/Dole.shtml>.    --    --

**14938**      **25th Ed.**      **01-NOV-15**      **Last LNM: 46/14**      **NAD 83**      **09/23**

*ChartTitle:* **Manistee Harbor and Manistee Lake**

**Main Panel 1494 MANISTEE HARBOR MICHIGAN MANISTEE LAKE. Page/Side: A**

NOS

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 <https://www.charts.noaa.gov/MCD/Dole.shtml>.    --    --

(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>14939</b>	<b>24th Ed.</b>	<b>01-OCT-15</b>	<b>Last LNM: 03/15</b>	<b>NAD 83</b>	<b>09/23</b>
<i>ChartTitle: Portage Lake</i>					
<b>Main Panel 1495 PORTAGE LAKE MICHIGAN. Page/Side: A</b>					
				NOS	
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> .				--	--
<b>14942</b>	<b>27th Ed.</b>	<b>01-DEC-15</b>	<b>Last LNM: 36/13</b>	<b>NAD 83</b>	<b>09/23</b>
<i>ChartTitle: Lake Charlevoix;Charlevoix, South Point to Round Lake</i>					
<b>Main Panel 1496 LAKE CHARLEVOIX MICHIGAN. Page/Side: A</b>					
				NOS	
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> .				--	--
<b>14969</b>	<b>23rd Ed.</b>	<b>01-JUN-14</b>	<b>Last LNM: 32/18</b>	<b>NAD 83</b>	<b>09/23</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>					
				NOS	
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> .				--	--
<b>14970</b>	<b>27th Ed.</b>	<b>01-AUG-14</b>	<b>Last LNM: 20/16</b>	<b>NAD 83</b>	<b>09/23</b>
<i>ChartTitle: Marquette and Presque Isle Harbors</i>					
<b>Main Panel 1527 MARQUETTE AND PRESQUE ISLE HARBORS MICHIGAN. Page/Side: A</b>					
				NOS	
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> .				--	--
<b>14971</b>	<b>22nd Ed.</b>	<b>01-SEP-14</b>	<b>Last LNM: 27/13</b>	<b>NAD 83</b>	<b>09/23</b>
<i>ChartTitle: Keweenaw Bay;L Anse and Baraga Harbors</i>					
<b>Main Panel 1528 KEWEENAW BAY LAKE SUPERIOR. Page/Side: A</b>					
				NOS	
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> .				--	--
<b>14972</b>	<b>27th Ed.</b>	<b>01-DEC-13</b>	<b>Last LNM: 03/15</b>	<b>NAD 83</b>	<b>09/23</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>					
				NOS	
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> .				--	--
<b>14974</b>	<b>25th Ed.</b>	<b>01-FEB-14</b>	<b>Last LNM: 46/15</b>	<b>NAD 83</b>	<b>09/23</b>
<i>ChartTitle: Ashland and Washburn harbors</i>					
<b>Main Panel 1537 ASHLAND AND WASHBURN HARBORS. Page/Side: N/A</b>					
				NOS	
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 <https://www.charts.noaa.gov/MCD/Dole.shtml>.

14975      37th Ed.      01-SEP-20      Last LNM: 39/21      NAD 83      09/23  
ChartTitle: Duluth-Superior Harbor;Upper St. Louis River  
Main Panel 1538 DULUTH-SUPERIOR HARBOR - -. Page/Side: -

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 <https://www.charts.noaa.gov/MCD/Dole.shtml>.      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>
None		

### Advance Notice(s)

#### LAKE SUPERIOR – DULUTH SUPERIOR HARBOR - Chart 14975

Duluth Harbor Basin Traffic Lighted Buoy (LLNR 15870) Permanently discontinue the physical and continue the aid as a Virtual AIS MMSI 993672226.  
LNM: 20/22

---

## SECTION VI - PROPOSED CHANGES

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

### PROPOSED WATERWAY PROJECTS OPEN FOR PUBLIC COMMENT

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

### Proposed Change Notice(s)

#### LAKE ERIE -Toledo Harbor - Chart 14847

The Coast Guard is considering changing the color of the lighted signal on Manhattan Range Front Light (LLNR 6105) and Manhattan Range Rear Light (LLNR 6110) from red to green in order to better distinguish the navigational signal from background lighting. The lighting characteristics of both aids would change from F R to F G. The daymark characteristics of each aid would remain the same. Any comments or recommended changes to these aids to navigation are requested by 15 April 2023.

LNM: 07/23

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

The Ninth District Aids to Navigation manager at [Brian.D.Hawkins2@uscg.mil](mailto:Brian.D.Hawkins2@uscg.mil) or call (216) 902-6070.

LNM: 30/13

---

## SECTION VII - GENERAL

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

### Waterways Analysis and Management System

The Ninth Coast Guard District will be reviewing the following waterways beginning in 2022. The study focuses primarily on aids to navigation in the waterway. Public comments are an important tool in this process so that we can provide the adequate markings and the right mix of signals to a waterway for safe navigation. Comments on the below listed waterways can be sent to [Brian.D.Hawkins2@uscg.mil](mailto: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)

## Waterways Analysis and Management System

Erie Harbor  
(LLNR 3495-3696)  
Conneaut Harbor  
(LLNR 3700-3735)  
Ashtabula Harbor  
(LLNR 3740-3830)  
Fairport Harbor  
(LLNR 3835-3955)  
Cleveland Harbor  
(LLNR 3975-4260)  
Huron Harbor  
(LLNR 4430-5455)  
Erie Islands  
(LLNR 5520-6025)  
Detroit River / East Outer Channel  
(LLNR 6885-8270)  
St. Clair Rec/Belle Isle Channel  
(LLNR 8280-8396)  
Lake St. Clair  
(LLNR 8665-9300)  
Anchor Bay  
(LLNR 9305-9565)  
Toledo / Maumee Channel  
(LLNR 6030-6455)  
Monroe Harbor  
(LLNR 6460-6680)  
St. Clair River / Huron Cut  
(LLNR 9570-10090)  
St. Mary's River  
(LLNR 12765-13755)  
Lake Nicolet / Bayfield Channel  
(LLNR 13955-14192)  
Keweenaw Waterway  
(LLNR 14725-15250)  
Knife River / Two Harbors  
(LLNR 16495-16580)  
Straits of Mackinaw Western Section  
(LLNR 17720-17850)  
(LLNR 21525-21580)  
Sturgeon Bay Ship Canal  
(LLNR 20990-21225)  
Green Bay Entrance  
(LLNR 21985-22360)  
M.I.R.  
(LLNR 11780-12170)  
Marquette Harbor  
(LLNR 14620-14720)  
Apostle Islands  
(LLNR 15255-15590)  
St. Joseph / Benton Harbor  
(LLNR 19515-19534.4)  
Milwaukee  
(LLNR 20635-20765)

LNM: 09/20

### GREAT LAKES - Marine Events

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

LNM: 24/13

### LAKE 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.

LNM: 43/21

**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. 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

**LAKE MICHIGAN – Illinois River - Chart 14901**

Shoaling has been reported between Jenkins Landing (MM 205) and Depue Lake (MM 210) on the Illinois River and at La Salle (MM 233) along the right descending bank. Dredging is scheduled to be after January 1, 2023. All mariners are urged to use caution when transiting the area. For further details, contact Sector Lake Michigan Command Center at (414) 747-7182.

LNM: 49/22

**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 – 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

**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
<b>None</b>							

---

---

## ENCLOSURES

---

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

1-Great Lakes Water Levels

LNLM: 06/22

### (2) LNM Section II - Discrepancies

N/A

LNLM: 19/19

### (3) LNM Section III - Temporary Changes and Temporary Changes Corrected

N/A

LNLM: 19/19

### (4) LNM Section IV - Chart Corrections

N/A

LNLM: 19/19

### (5) LNM Section V - Advance Notices

N/A

LNLM: 19/19

### (6) LNM Section VI - Proposed Changes

N/A

LNLM: 19/19

### (7) LNM Section VII - General

1-Marine Events

2-Current Ninth District Bridge Maintenance/Activities

3-Waterway Analysis and Management System Survey

LNLM: 19/19

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

N/A

LNLM: 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	Expected Levels (inches above or below Low Water Datum,0)				
			Current	Week 1	Week 2	Week 3	Week 4
		IGLD 1985	24-Feb	3-Mar	10-Mar	17-Mar	24-Mar
GREAT LAKES							
Lake Ontario		243.3	25	26	26	26	27
Lake Erie		569.2	35	35	36	37	37
Lake St. Clair		572.3	30	30	31	31	32
Lake Michigan-Huron		577.5	15	16	16	16	17
Lake Superior		601.1	10	10	10	9	9
ST. LAWRENCE RIVER							
Above Long Sault Dam	0	237.9	21	27	25	24	28
Above Iroquois Dam	1	240.3	14	18	17	17	19
Ogdensburg	2	242.4	17	19	19	19	20
Alexandria Bay	2.1	243.0	18	19	19	19	20
Head of river at Cape Vincent	3	243.3	25	26	26	26	27
DETROIT RIVER							
Lake Erie at Pelee Passage	4	569.2	35	35	36	37	37
Mouth of River at Gibraltar	5	569.5	44	44	45	46	46
Fort Wayne	5.1	571.1	39	40	40	41	42
Head of River above Belle Isle	6	572.0	31	32	32	32	33
ST. CLAIR RIVER							
Mouth of River at St. Clair Flats	7	572.3	30	30	31	31	32
Algonac	8	572.8	32	33	33	33	34
St. Clair	9	574.4	25	25	26	26	26
Blue Water Bridge	10	576.2	18	19	19	20	20
Head of River at Fort Gratiot	11	577.2	18	18	18	19	19
Lake Huron Approach Channel	12	577.5	15	16	16	16	17
ST. MARYS RIVER							
Mouth of River at Detour	13	577.5	15	16	16	16	17
West and Middle Neebish	14	577.8	14	14	15	15	15
Head of Little Rapids	15	578.4	14	15	15	15	16
U.S. Slip	16	578.7	9	9	9	10	10
Above Locks	17	600.4	12	12	12	11	11
Head of River at Point Iroquois	18	601.1	10	10	10	9	9

### UNDERSTANDING THE FORECAST

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

### CAUTION

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

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

## CURRENT NINTH DISTRICT BRIDGE MAINTENANCE/ACTIVITIES

Week [09/23]

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

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:**

### **ACTIVE BROADCAST NOTICE TO MARINERS (BNM)**

SAFETY BCST PLUS SKED BCST UNTIL 032300Z MAR 23  
U.S.C.G. NINTH DISTRICT NOTICE TO MARINERS C011-23  
IL - LAKE MICHIGAN - CHICAGO HARBOR  
FROM FEBRUARY 20 THROUGH MARCH 3, 2023, BETWEEN THE HOURS OF 0600 AND 1800, MONDAY THROUGH SATURDAY, AN 80-FOOT BY 30-FOOT BARGE WILL BE WORKING UNDER THE WEBSTER AVENUE BRIDGE AT MILE 4.85 (CORPS MILE 328.6) OVER THE NORTH BRANCH OF THE CHICAGO RIVER. THE BARGE WILL MOVE WITH A 3-HOUR ADVANCE NOTICE. MARINERS SHOULD PROVIDE ADVANCE NOTICE ON VHF-FM MARINE CHANNEL 16 OR BY CALLING 815-617-2984 OR 773-842-7470.

SAFETY BCST PLUS SKED BCST UNTIL 072200Z MAR 23  
U.S.C.G. NINTH DISTRICT NOTICE TO MARINERS C012-23  
MI- DETROIT RIVER  
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.

### **FEDERAL REGULATIONS DOCKET STATUS**

USCG-2022-0237 - NPRM – Keweenaw Waterway – Pending Command Review

USCG-2022-0303- FR – Michigan City Amtrak Remote Ops – Pending D9 Cybersecurity review



USCG-2022-0989 -NPRM- Dearborn Avenue, Chicago IL – Pending Legal Review.

USCG-2023-0038-TFR- E-200 North Main Street Bridge, mile 293.15, over the Erie Canal

USCG-2023-0113 -NPRM- Cheboygan River – Part of the Inland Route, at Cheboygan, MI

### **BRIDGE DELAY REPORTS SNAPSHOT**

<b>2023</b>	Verbal Complaints Received	Delay Reports Received	Delay Reports Proven	Fine Amount Proposed
Commercial Vessels	7	15	0	
Recreational Vessels	0	0	0	

### **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** snoopers 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]

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

from April 10 through **May 15, 2023**, between the hours of 0700 and 1900, Monday through Friday, snooper type vehicles will be washing the underside of all the bridges from E-233 at Mile 320.82 to E-248 at Mile 338.44 over the Erie Canal, Part of the New York Barge Canal. Spotters will warn of approaching vessels and move the man lift to allow vessel to pass under the bridge. Mariners should avoid any falling water from the bridge.

[08/23]

## **LAKE ONTARIO**

### **LAKE ERIE – NY – Rochester Harbor – Chart 14815**

On **September 24, 2023**, between the hours of 0745 and 0930, the O'Rourke Bridge at Mile 1.25 over the Genesee River will be secured to masthead navigation in conjunction with the Rochester Marathon. Vessels able to pass under the bridge without an opening may do so at any time.

[08/23]

## **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]

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

On **April 29, 2023**, between the hours of 0900 and Noon the Michigan Avenue Bridge at Mile 1.34 over the Buffalo River will be secured to masthead navigation in conjunction with the Buffalo River works walk for pancreatic cancer. Vessels able to pass under the bridge without an opening may do so at any time.

[08/23]

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

The Coast Guard has received a report that the lights on the South Grand Isle Bridge at Mile 3.4 over the Niagara River are extinguished due to a faulty transformer. Estimated time of repair is **March 20, 2023**.

[8/23]

## **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]

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

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

From January 1 through **March 31, 2023**, the Riverside Avenue, State Route 29 Bridge at Mile 0.10 over the Pine River will be secured to masthead 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] [09/23]

#### **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 masthead navigation. Vessels able to pass under the bridge without an opening may do so at any time.

[28/22]

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

From January 9 through **March 31, 2023**, the Independence Street Bridge at Mile 3.88 and the Liberty Street Bridge at Mile 4.99 over the Saginaw River will be secured to masthead navigation. Vessels able to pass under the bridges without an opening may do so at any time. Two 80-foot by 60-foot barges and a push boat will be working under the bridge along with snooper vehicles. Spotters will warn of approaching vessels and move the man lifts to allow vessels to pass. The Barges will move to accommodate vessels if a 2-hour advance notice is provided by calling 989-392-2113.

[52/22]

### **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 masthead navigation. From May 1, 2023, through May 26, 2023, one leaf of the bridge will be secured to masthead navigation and the other leaf will operate normally.

[42/20]

### **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**

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

### **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.

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

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

From December 20, 2022, through **February 28, 2023**, between the hours of 0700 and 1530, Monday through Friday, a 120-foot by 40-foot barge will be working at the LaSalle Street Bridge at Mile 1.29 (CORPS MILE 325.9) over the Main Branch of the Chicago River. The barge will monitor VHF-FM Marine Channel 16 and move if a 1-hour advance notice is provided.

[42/22] [51/22] [05/23]

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

From February 20 through **March 3, 2023**, between the hours of 0600 and 1800, Monday through Saturday, a 80-foot by 30-foot barge will be working under the Webster Avenue Bridge at Mile 4.85 (CORPS MILE 328.6) over the North Branch of the Chicago River. The barge will move with a 3-hour advance notice. Mariners should provide advance notice on

VHF-FM Marine Channel 16 or by calling 815-617-2984 or 773-842-7470.

[08/23]

### **CALUMET SAG CHANNEL**

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

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

[03/23]

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

From March 27 through **March 31, 2023**, between the hours of 0700 and 1500, daily, a 36-foot Harcon Inspection Vessel will be working under the 104th Street Bridge at Mile 25.56 (CORPS MILE 307.3), the Ridgeland Avenue Bridge at Mile 20.47 (CORPS MILE 312.5), the Crawford Avenue Bridge at Mile 17.01 (CORPS MILE 316.0), and the Francisco Avenue Bridge at Mile 15.63 (CORPS MILE 317.4), over the Calumet-SAG Channel. The Harcon will monitor VHF-FM Marine Channel 16 and will move if provided a 30-minute advance notice.

[08/23]

### **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 – 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 masthead 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 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 Drive / 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 – Fox River – Chart 14972**

From 0500 to 1500 on **May 21, 2023**, the Tilleman Memorial Bridge at Mile 2.27 over the Fox River will be secured to masted navigation in conjunction with the Green Bay Cellcom Marathon. Vessels able to pass under the bridge without an opening may do so at any time.

[02/23]

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

From 1300 to 2330 on **July 4, 2023**, the Ray Nitschke Bridge at Mile 1.58 over the Fox River will be secured to masted navigation in conjunction with the City of Green Bay's 4<sup>th</sup> of July Fireworks. Vessels able to pass under the bridge without an opening may do so at any time.

[02/23]

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

From February 6 through **March 10, 2023**, the Ray Nitschke Bridge at Mile 1.58 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.

[04/23]

**LAKE SUPERIOR**

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

**LAKE SUPERIOR – MI – Keweenaw Waterway – Chart 14972**

From May 15 through **May 22, 2023**, between the hours of 2000 and 0700 daily, the US 41 Bridge at Mile 16 over the Keweenaw Waterway will require a 30-minute advance notice for openings. A 60-foot pontoon will be attached to low steel of the bridge, and it will move to accommodate vessels. From Midnight to 0400 the bridge will continue to require a 2-hour advance notice, but the bridge will be fully lowered during these hours.

[02/23] [4/23]

**LAKE SUPERIOR – MN – Duluth Superior Harbor – Chart 14975**

On **July 4, 2022**, between the hours of 1900 to 2330, the Duluth Ship Canal Bridge at mile 0.24 over the Duluth Ship Canal and the Minnesota Slip Bridge at the entrance to Minnesota Slip will be secured to masted navigation. Vessels able to pass under the bridge without an opening may do so at any time.

[08/23]

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



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	312-533-7011	
								*****	Hours not	requested	

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

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

(Revised 01/23) NINTH DISTRICT DRAWBRIDGE SIGNALS OR OPERATION DELAYS FORM

TO: Commander (dpb)

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

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

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.

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)

CONFIDENTIALITY: Please check here if you wish to keep names of vessels and persons confidential

☐

1. DATE OF DELAY: \_\_\_\_\_ 2. VESSEL NAME: \_\_\_\_\_ 3. ( ) INBOUND ( ) OUTBOUND

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

6. MILE MARKER FOR BRIDGE (*from U.S. Coast Pilot #6*): \_\_\_\_\_

7. TIME OF FIRST SIGNAL / REQUEST TO BRIDGE \_\_\_\_\_ 8. TIME BRIDGE REQUESTED TO OPEN \_\_\_\_\_

9. POSITION RELATIVE TO BRIDGE AT TIME (*e.g. 100 yards away, in visual range, etc.*) \_\_\_\_\_

10. WAS VESSEL READY TO PROCEED THROUGH THE BRIDGE AT THE REQUESTED OPENING TIME? ( ) YES. ( ) NO.

11. HOW WAS THE FIRST SIGNAL MADE? (*Check applicable box(es) and specify means*) NOTE: Cellular telephone communications are **NOT** viewed as acceptable means of signaling under 33 C.F.R. 117.15.

( ) Sound signal (Whistle, horn, megaphone, hailer, etc.) \_\_\_\_\_ ( ) Visual signal (Flag or Light) \_\_\_\_\_

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

12. WHEN DID THE DRAWTENDER REPLY? \_\_\_\_\_ 13. DID DRAWTENDER SAY BRIDGE WOULD BE AVAILABLE FOR AN OPENING AT THE REQUESTED OPENING TIME? ( ) YES. ( ) NO. IF NO, SPECIFY WHY: \_\_\_\_\_

14. DESCRIBE ALL OTHER COMMUNICATIONS WITH THE DRAWTENDER FROM THE FIRST SIGNAL UNTIL THE VESSEL CLEARED THE BRIDGE. SPECIFY TIMES, MEANS, AND WHAT WAS COMMUNCIATED: \_\_\_\_\_

15. WHAT ACTIONS DID VESSEL TAKE WHILE IT WAITED FOR BRIDGE TO OPEN? (*e.g., it had to hold position, tie up, return to dock, etc.*) DESCRIBE ANY WATERWAY OR WEATHER CONDITIONS AFFECTING MANEUVERABILITY: \_\_\_\_\_

16. DESCRIBE THE NUMBER AND TIMES OF CROSSING FOR ANY PEOPLE, VEHICLES, OR TRAINS CROSSING BRIDGE WHILE VESSEL WAITED FOR OPENING: \_\_\_\_\_

17. TIME BRIDGE OPENED? \_\_\_\_\_ 18. POSITION RELATIVE TO BRIDGE AT OPENING: \_\_\_\_\_

19. TIME VESSEL STARTED THROUGH: \_\_\_\_\_ 20. TIME VESSEL CLEARED THE BRIDGE: \_\_\_\_\_

21. PRINTED NAME(S), ADDRESS(ES), PHONE NUMBER(S), AND E-MAIL(S) OF REPORTING SOURCE(S): \_\_\_\_\_

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

## Waterway Analysis and Management System Survey

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

### User Information

\_\_\_ Commercial User

\_\_\_ Recreational User

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

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

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

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

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

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

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

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

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

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

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

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

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

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

\_\_\_\_\_

---

---

---

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

---

---

---

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

---

---

---

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

---

---

---

---

---

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

---

---

---

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

---

---

---

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

---

---

---

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

---

---

---

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

---

---

---

---

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

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

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

---