



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

LOCAL NOTICE TO MARINERS

District: 9

Week: 13/23

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-notices-to-mariners-by-cg-district> You will also have links to other government agencies- web pages including the US Army Corps of Engineers and the National Ocean Service.

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

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

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

Sector Buffalo, NY - B009-23 through B009-23

Ninth District - C023-23 through C025-23

Sector Detroit, MI - D007-22 through D008-23

Sector Lake Michigan, WI - M040-23 through M045-23

Sector Sault Ste Marie, MI - S031-23 through S034-23

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://cgl.uscg.mil/mailman/listinfo/nanu>. In addition, the NIS investigates all reports of degradation or loss of GPS, DGPS or AIS service. Users are encouraged to report all degradation or loss of radio navigation services to the NIS via any of the following: Phone: (703) 313-5900, mail to: webmaster@smtp.navcen.uscg.mil, 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/>

LNM: 28/12

GREAT LAKES - Great Lakes Water Levels

See Enclosure 1

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

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

LNM: 32/20

2022-2023 Icebreaking Operations

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

LNM: 42/22

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 vessels 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

LNM: 51/22

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.

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

LAKE SUPERIOR – Keweenaw – Chart 14972

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

LNM: 12/23

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	
6895	East Outer Channel Light 1E	SS INOP	14830	D002-23	01/23	
6965	Amherstburg Channel Lighted Buoy 23	MISSING	14848		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	
13380	Lake Nicolet Lighted Buoy 63	OFF STA	14887		10/23	
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	
15875	Duluth Harbor Basin Lighted Buoy 2	LT EXT	14975	S036-23	13/23	
17210	Canoe Channel Daybeacon 8	STRUCT DEST/TRUB			23/22	
17550	Kabetogama Lake Warning Daybeacon	STRUCT DEST		S114-22	34/22	
17745	New Shoal Lighted Bell Buoy 3	MISSING	14911	S035-23	13/23	
18965	Grand Haven South Pierhead Entrance Light	SS INOP	14933	M036-23	10/23	
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
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None

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	
5247	Johnson Island Light 1	LT EXT	14845	D007-23	11/23	
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
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None

PLATFORM DISCREPANCIES

Name	Status	Position	BNM Ref.	LNM St	LNM End
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None

PLATFORM DISCREPANCIES CORRECTED

Name	Status	Position	BNM Ref.	LNM St	LNM End
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None

SECTION III - TEMPORARY CHANGES and TEMPORARY CHANGES CORRECTED

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

TEMPORARY CHANGES

LLNR	Aid Name	Status	Chart No.	BNM Ref.	LNM St	LNM End
2105	Oswego Harbor West Channel Light 2	TRLB	14813		17/19	
2720	Buffalo Harbor North Entrance Light 7	DISCONTINUED	14833		33/19	
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
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None

PLATFORM TEMPORARY CHANGES

Name	Status	Position	BNM Ref.	LNM St	LNM End
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None

PLATFORM TEMPORARY CHANGES CORRECTED

Name	Status	Position	BNM Ref.	LNM St	LNM End
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None

SECTION IV - CHART CORRECTIONS

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

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

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

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

14500 **28th Ed.** **01-OCT-16** **Last LNM: 20/20** **NAD 83** **13/23**
Chart Title: Great Lakes, Lake Champlain to Lake of the Woods
Main Panel 1568 GENERAL CHART OF THE GREAT LAKES. Page/Side: A

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

NOS
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14770 **17th Ed.** **01-OCT-04** **Last LNM: 13/99** **NAD 83** **13/23**
Chart Title: Morristown, N.Y. to Butternut, Ont.
Main Panel 1018 ST LAWRENCE RIVER MORRISTOWN N.Y. TO BUTTERNUT BAY, ONT. . Page/Side: N/A

LAST EDITION No new editions of chart 14770 will be published. It will be canceled on 05-Apr-23. Comparable or larger scale Electronic Navigational Chart (ENC) coverage is available. See "Cancellation of NOAA Paper and Raster Nautical Charts" in Section I of this LNM for details. A list of all canceled NOAA charts is at <https://www.charts.noaa.gov/MCD/Dole.shtml>.

NOS
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14771 **17th Ed.** **01-MAY-04** **Last LNM: 39/08** **NAD 83** **13/23**
Chart Title: Butternut Bay, Ont., to Ironsides I., N.Y.
Main Panel 1019 ST LAWRENCE RIVER BUTTERNUT BAY, ONT. TO IRONSIDES ISLAND, N.Y.. Page/Side: N/A

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

NOS
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14772 **18th Ed.** **01-DEC-05** **Last LNM: 30/08** **NAD 83** **13/23**
Chart Title: Ironsides I., N.Y., to Bingham I., Ont.
Main Panel 1020 ST LAWRENCE RIVER IRONSIDES I., N.Y. TO BINGHAM I., ONT. Page/Side: N/A

NOS

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 https://www.charts.noaa.gov/MCD/Dole.shtml .	--	--
14773	17th Ed. 01-SEP-04 Last LNM: 05/11 NAD 83		13/23
<i>ChartTitle: Gananoque, Ont., to St. Lawrence Park. N.Y.</i>			
Main Panel 1021 ST LAWRENCE RIVER GANANOQUE, ONT. TO ST. LAWRENCE PARK, N.Y.. Page/Side: N/A			
		NOS	
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 https://www.charts.noaa.gov/MCD/Dole.shtml .	--	--
14774	17th Ed. 01-JUL-04 Last LNM: 18/99 NAD 83		13/23
<i>ChartTitle: Round I., N.Y., and Gananoque, Ont., to Wolfe I., Ont.</i>			
Main Panel 1022 ST LAWRENCE RIVER ROUND ISLAND, N.Y. AND GANANOQUE, ONT. TO WOLFE - ISLAND ONT..			
Page/Side: N/A			
		NOS	
LAST EDITION	No new editions of chart 14774 will be published. It will be canceled on 05-Apr-23. Comparable or larger scale Electronic Navigational Chart (ENC) coverage is available. See "Cancellation of NOAA Paper and Raster Nautical Charts" in Section I of this LNM for details. A list of all canceled NOAA charts is at https://www.charts.noaa.gov/MCD/Dole.shtml .	--	--
14788	20th Ed. 01-APR-16 Last LNM: 05/06 NAD 83		13/23
<i>ChartTitle: Oneida Lake - Lock 22 to Lock 23</i>			
Main Panel 1107 ONEIDA LAKE LOCK 22 TO LOCK 23. Page/Side: A			
		NOS	
LAST EDITION	No new editions of chart 14788 will be published. It will be canceled on 05-Apr-23. Comparable or larger scale Electronic Navigational Chart (ENC) coverage is available. See "Cancellation of NOAA Paper and Raster Nautical Charts" in Section I of this LNM for details. A list of all canceled NOAA charts is at https://www.charts.noaa.gov/MCD/Dole.shtml .	--	--
14791	19th Ed. 01-JUN-16 Last LNM: 17/17 NAD 83		13/23
<i>ChartTitle: Cayuga and Seneca Lakes;Watkins Glen;lthaca</i>			
Main Panel 1108 NEW YORK STATE BARGE CANAL SYSTEM CAYUGA AND SENECA LAKES. Page/Side: A			
		NOS	
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 .	--	--
14802	31st Ed. 01-OCT-05 Last LNM: 40/21 NAD 83		13/23
<i>ChartTitle: Clayton to False Ducks Is.</i>			
Main Panel 1113 LAKE ONTARIO . Page/Side: N/A			
		NOS	
LAST EDITION	No new editions of chart 14802 will be published. It will be canceled on 03-May-23. Comparable or larger scale Electronic Navigational Chart (ENC) coverage is available. See "Cancellation of NOAA Paper and Raster Nautical Charts" in Section I of this LNM for details. A list of all canceled NOAA charts is at https://www.charts.noaa.gov/MCD/Dole.shtml .	--	--
14803	28th Ed. 01-FEB-15 Last LNM: 07/15 NAD 83		13/23
<i>ChartTitle: Six Miles south of Stony Point to Port Bay;North Pond;Little Sodus Bay</i>			
Main Panel 1114 SIX MILES SOUTH OF STONY POINT TO PORT BAY. Page/Side: A			
		NOS	
LAST EDITION	No new editions of chart 14803 will be published. It will be canceled on 05-Apr-23. Comparable or larger scale Electronic Navigational Chart (ENC) coverage is available. See "Cancellation of NOAA Paper and Raster Nautical Charts" in Section I of this LNM for details. A list of all canceled NOAA charts is at https://www.charts.noaa.gov/MCD/Dole.shtml .	--	--
14804	25th Ed. 01-MAR-14 Last LNM: 42/21 NAD 83		13/23
<i>ChartTitle: Port Bay to Long Pond;Port Bay Harbor;Irondequoit Bay</i>			
Main Panel 1117 PORT BAY TO LONG POND NEW YORK. Page/Side: N/A			
		NOS	

LAST EDITION	No new editions of chart 14804 will be published. It will be canceled on 03-May-23. Comparable or larger scale Electronic Navigational Chart (ENC) coverage is available. See "Cancellation of NOAA Paper and Raster Nautical Charts" in Section I of this LNM for details. A list of all canceled NOAA charts is at https://www.charts.noaa.gov/MCD/Dole.shtml .	--	--
14805	25th Ed. 01-MAR-14 Last LNM: 39/11 NAD 83		13/23
<i>ChartTitle: Long Pond to Thirtymile Point;Point Breeze Harbor</i>			
Main Panel 1119 LONG POND TO THIRTYMILE POINT NEW YORK. Page/Side: N/A			
		NOS	
LAST EDITION	No new editions of chart 14805 will be published. It will be canceled on 05-Apr-23. Comparable or larger scale Electronic Navigational Chart (ENC) coverage is available. See "Cancellation of NOAA Paper and Raster Nautical Charts" in Section I of this LNM for details. A list of all canceled NOAA charts is at https://www.charts.noaa.gov/MCD/Dole.shtml .	--	--
14806	24th Ed. 01-OCT-04 Last LNM: 16/17 NAD 83		13/23
<i>ChartTitle: Thirtymile Point, N.Y., to Port Dalhousie, Ont.</i>			
Main Panel 1121 THIRTY MILE PT NEW YORK TO PORT DALHOUSIE ONT. Page/Side: N/A			
		NOS	
LAST EDITION	No new editions of chart 14806 will be published. It will be canceled on 05-Apr-23. Comparable or larger scale Electronic Navigational Chart (ENC) coverage is available. See "Cancellation of NOAA Paper and Raster Nautical Charts" in Section I of this LNM for details. A list of all canceled NOAA charts is at https://www.charts.noaa.gov/MCD/Dole.shtml .	--	--
14811	18th Ed. 01-MAY-16 Last LNM: 06/06 NAD 83		13/23
<i>ChartTitle: Chaumont, Henderson and Black River Bays;Sackets Harbor;Henderson Harbor;Chaumont Harbor</i>			
Main Panel 1124 CHAUMONT HENDERSON AND BLACK RIVER BAYS NEW YORK. Page/Side: A			
		NOS	
LAST EDITION	No new editions of chart 14811 will be published. It will be canceled on 03-May-23. Comparable or larger scale Electronic Navigational Chart (ENC) coverage is available. See "Cancellation of NOAA Paper and Raster Nautical Charts" in Section I of this LNM for details. A list of all canceled NOAA charts is at https://www.charts.noaa.gov/MCD/Dole.shtml .	--	--
14813	22nd Ed. 01-DEC-13 Last LNM: 16/17 NAD 83		13/23
<i>ChartTitle: Oswego Harbor</i>			
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 https://www.charts.noaa.gov/MCD/Dole.shtml .	--	--
14814	26th Ed. 01-DEC-13 Last LNM: 11/15 NAD 83		13/23
<i>ChartTitle: Sodus Bay</i>			
Main Panel 1129 SODUS BAY LAKE ONTARIO NEW YORK. Page/Side: N/A			
		NOS	
LAST EDITION	No new editions of chart 14814 will be published. It will be canceled on 05-Apr-23. Comparable or larger scale Electronic Navigational Chart (ENC) coverage is available. See "Cancellation of NOAA Paper and Raster Nautical Charts" in Section I of this LNM for details. A list of all canceled NOAA charts is at https://www.charts.noaa.gov/MCD/Dole.shtml .	--	--
14815	24th Ed. 01-DEC-13 Last LNM: 30/14 NAD 83		13/23
<i>ChartTitle: Rochester Harbor, including Genessee River to head of navigation</i>			
Main Panel 1130 ROCHESTER HBR GENESEE RIV TO HEAD OF NAVIGATION LAKE ONTARIO NY 1. Page/Side: N/A			
		NOS	
LAST EDITION	No new editions of chart 14815 will be published. It will be canceled on 03-May-23. Comparable or larger scale Electronic Navigational Chart (ENC) coverage is available. See "Cancellation of NOAA Paper and Raster Nautical Charts" in Section I of this LNM for details. A list of all canceled NOAA charts is at https://www.charts.noaa.gov/MCD/Dole.shtml .	--	--
14816	24th Ed. 01-FEB-04 Last LNM: 33/13 NAD 83		13/23
<i>ChartTitle: Lower Niagara River</i>			
Main Panel 1132 LOWER NIAGARA RIVER. Page/Side: N/A			
		NOS	
LAST EDITION	No new editions of chart 14816 will be published. It will be canceled on	--	--

03-May-23. Comparable or larger scale Electronic Navigational Chart (ENC) coverage is available. See "Cancellation of NOAA Paper and Raster Nautical Charts" in Section I of this LNM for details. A list of all canceled NOAA charts is at <https://www.charts.noaa.gov/MCD/Dole.shtml>.

14822	32nd Ed.	01-AUG-05	Last LNM: 12/17	NAD 83	13/23
<i>ChartTitle: Approaches to Niagara River and Welland Canal</i>					
Main Panel 1135 NIAGARA RIVER AND WELLAND CANAL. Page/Side: N/A					
LAST EDITION	No new editions of chart 14822 will be published. It will be canceled on 03-May-23. Comparable or larger scale Electronic Navigational Chart (ENC) coverage is available. See "Cancellation of NOAA Paper and Raster Nautical Charts" in Section I of this LNM for details. A list of all canceled NOAA charts is at https://www.charts.noaa.gov/MCD/Dole.shtml .	NOS	--	--	
14823	31st Ed.	01-DEC-12	Last LNM: 12/17	NAD 83	13/23
<i>ChartTitle: Sturgeon Point to Twentymile Creek;Dunkirk Harbor;Barcelona Harbor</i>					
Main Panel 1136 STURGEON POINT TO TWENTY MILE CREEK NEW YORK. Page/Side: A					
LAST EDITION	No new editions of chart 14823 will be published. It will be canceled on 05-Apr-23. Comparable or larger scale Electronic Navigational Chart (ENC) coverage is available. See "Cancellation of NOAA Paper and Raster Nautical Charts" in Section I of this LNM for details. A list of all canceled NOAA charts is at https://www.charts.noaa.gov/MCD/Dole.shtml .	NOS	--	--	
14824	26th Ed.	01-OCT-03	Last LNM: 37/17	NAD 83	13/23
<i>ChartTitle: Sixteenmile Creek to Conneaut;Conneaut Harbor</i>					
Main Panel 1142 SIXTEEN MILE CREEK TO CONNEAUT. Page/Side: N/A					
LAST EDITION	No new editions of chart 14824 will be published. It will be canceled on 03-May-23. Comparable or larger scale Electronic Navigational Chart (ENC) coverage is available. See "Cancellation of NOAA Paper and Raster Nautical Charts" in Section I of this LNM for details. A list of all canceled NOAA charts is at https://www.charts.noaa.gov/MCD/Dole.shtml .	NOS	--	--	
14825	25th Ed.	01-JAN-06	Last LNM: 37/17	NAD 83	13/23
<i>ChartTitle: Ashtabula to Chagrin River;Mentor Harbor;Chagrin River</i>					
Main Panel 1144 ASHTABULA TO CHAGRIN RIVER. Page/Side: N/A					
LAST EDITION	No new editions of chart 14825 will be published. It will be canceled on 05-Apr-23. Comparable or larger scale Electronic Navigational Chart (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	--	--	
14826	28th Ed.	01-SEP-10	Last LNM: 48/19	NAD 83	13/23
<i>ChartTitle: Moss Point to Vermilion;Beaver Creek;Vermilion Harbor;Rocky River</i>					
Main Panel 1147 MOSS POINT TO VERMILION OHIO. Page/Side: N/A					
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 https://www.charts.noaa.gov/MCD/Dole.shtml .	NOS	--	--	
14830	34th Ed.	01-FEB-19	Last LNM: 38/18	NAD 83	13/23
<i>ChartTitle: West End of Lake Erie; Port Clinton Harbor; Monroe Harbor; Lorain to Detroit River; Vermilion</i>					
Main Panel 1151 WEST END OF LAKE ERIE - -. Page/Side: -					
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 https://www.charts.noaa.gov/MCD/Dole.shtml .	NOS	--	--	
14832	35th Ed.	01-MAR-13	Last LNM: 12/17	NAD 83	13/23
<i>ChartTitle: Niagara Falls to Buffalo</i>					
Main Panel 1156 UPPER NIAGARA RIVER. Page/Side: N/A					
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	NOS	--	--	

(ENC) coverage is available. See "Cancellation of NOAA Paper and Raster Nautical Charts" in Section I of this LNM for details. A list of all canceled NOAA charts is at <https://www.charts.noaa.gov/MCD/Dole.shtml>.

14833	27th Ed.	01-DEC-12	Last LNM: 12/17	NAD 83	13/23
<i>ChartTitle: Buffalo Harbor</i>					
Main Panel 1157 BUFFALO HARBOR NEW YORK. Page/Side: N/A					
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 https://www.charts.noaa.gov/MCD/Dole.shtml .					
					NOS
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14835	33rd Ed.	01-OCT-12	Last LNM: 08/16	NAD 83	13/23
<i>ChartTitle: Erie Harbor</i>					
Main Panel 1158 ERIE HARBOR. Page/Side: N/A					
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 https://www.charts.noaa.gov/MCD/Dole.shtml .					
					NOS
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14836	28th Ed.	01-NOV-13	Last LNM: 37/17	NAD 83	13/23
<i>ChartTitle: Ashtabula Harbor</i>					
Main Panel 1159 ASHTABULA HARBOR OHIO. Page/Side: N/A					
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 https://www.charts.noaa.gov/MCD/Dole.shtml .					
					NOS
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14837	29th Ed.	01-OCT-13	Last LNM: 43/16	NAD 83	13/23
<i>ChartTitle: Fairport Harbor</i>					
Main Panel 1160 FAIRPORT HARBOR LAKE ERIE-OHIO. Page/Side: N/A					
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 .					
					NOS
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14839	38th Ed.	01-MAY-15	Last LNM: 19/21	NAD 83	13/23
<i>ChartTitle: Cleveland Harbor, including lower Cuyahoga River</i>					
Main Panel 1161 CLEVELAND HARBOR INCLUDING LOWER CUYAHOGA RIVER. Page/Side: A					
LAST EDITION No new editions of chart 14839 will be published. It will be canceled on 03-May-23. Comparable or larger scale Electronic Navigational Chart (ENC) coverage is available. See "Cancellation of NOAA Paper and Raster Nautical Charts" in Section I of this LNM for details. A list of all canceled NOAA charts is at https://www.charts.noaa.gov/MCD/Dole.shtml .					
					NOS
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14841	30th Ed.	01-MAY-15	Last LNM: 37/17	NAD 83	13/23
<i>ChartTitle: Lorain Harbor</i>					
Main Panel 1162 LORAIN HARBOR OHIO. Page/Side: A					
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 https://www.charts.noaa.gov/MCD/Dole.shtml .					
					NOS
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14843	24th Ed.	01-OCT-13	Last LNM: 02/16	NAD 83	13/23
<i>ChartTitle: Huron Harbor</i>					
Main Panel 1207 HURON HARBOR LAKE. Page/Side: N/A					
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					
					NOS
					--

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>.

14845	28th Ed.	01-MAR-14	Last LNM: 27/18	NAD 83	13/23
<i>ChartTitle: Sandusky Harbor</i>					
Main Panel 1210 SANDUSKY HARBOR OHIO. Page/Side: N/A					
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 https://www.charts.noaa.gov/MCD/Dole.shtml .				NOS --
14847	31st Ed.	01-FEB-05	Last LNM: 12/17	NAD 83	13/23
<i>ChartTitle: Toledo Harbor;Entrance Channel to Harbor</i>					
Main Panel 1250 TOLEDO HARBOR OHIO. Page/Side: N/A					
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 https://www.charts.noaa.gov/MCD/Dole.shtml .				NOS --
14848	60th Ed.	01-OCT-18	Last LNM: 04/17	NAD 83	13/23
<i>ChartTitle: Detroit River</i>					
Main Panel 1252 DETROIT RIVER MICHIGAN - -. Page/Side: -					
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 https://www.charts.noaa.gov/MCD/Dole.shtml .				NOS --
14850	56th Ed.	01-DEC-18	Last LNM: 44/21	NAD 83	13/23
<i>ChartTitle: Lake St. Clair</i>					
Main Panel 1257 LAKE SAINT CLAIR - -. Page/Side: -					
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 .				NOS --
14852	48th Ed.	01-OCT-18	Last LNM: 33/18	NAD 83	13/23
<i>ChartTitle: St. Clair River;Head of St. Clair River</i>					
Main Panel 1260 SAINT CLAIR RIVER MICHIGAN - -. Page/Side: -					
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 https://www.charts.noaa.gov/MCD/Dole.shtml .				NOS --
14854	16th Ed.	01-NOV-18	Last LNM: 04/17	NAD 83	13/23
<i>ChartTitle: Trenton Channel and River Rouge;River Rouge</i>					
Main Panel 1310 DETROIT RIVER TRENTON CHANNEL AND RIVER ROUGE - -. Page/Side: -					
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 https://www.charts.noaa.gov/MCD/Dole.shtml .				NOS --
14862	29th Ed.	01-MAY-16	Last LNM: 28/17	NAD 83	13/23
<i>ChartTitle: Port Huron to Pte aux Barques;Port Sanilac;Harbor Beach</i>					
Main Panel 1313 PORT HURON TO POINT AUX BARQUES MICHIGAN. Page/Side: A					
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 https://www.charts.noaa.gov/MCD/Dole.shtml .				NOS --

14863	33rd Ed.	01-FEB-20	Last LNM: 47/16	NAD 83	13/23
<i>ChartTitle: Saginaw Bay;Port Austin Harbor;Caseville Harbor;Entrance to Au Sable River;Sebewaing Harbor;Tawas Harbor</i>					
Main Panel 1316 SAGINAW BAY MICHIGAN - -. Page/Side: -					
					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 https://www.charts.noaa.gov/MCD/Dole.shtml .				--
14864	28th Ed.	01-NOV-13	Last LNM: 39/21	NAD 83	13/23
<i>ChartTitle: Harrisville to Forty Mile Point;Harrisville Harbor;Alpena;Rogers City and Calcite</i>					
Main Panel 1322 LK HURON HARRISVILLE-FORTY MILE POINT. Page/Side: N/A					
					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 https://www.charts.noaa.gov/MCD/Dole.shtml .				--
14865	17th Ed.	01-FEB-14	Last LNM: 03/16	NAD 83	13/23
<i>ChartTitle: South End of Lake Huron</i>					
Main Panel 1326 SOUTH END OF LAKE HURON & HEAD OF ST CLAIR RIVER. Page/Side: N/A					
					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 https://www.charts.noaa.gov/MCD/Dole.shtml .				--
14867	27th Ed.	01-FEB-13	Last LNM: 43/21	NAD 83	13/23
<i>ChartTitle: Saginaw River</i>					
Main Panel 1327 SAGINAW RIVER MICHIGAN. Page/Side: N/A					
					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 https://www.charts.noaa.gov/MCD/Dole.shtml .				--
14869	27th Ed.	01-NOV-13	Last LNM: 47/13	NAD 83	13/23
<i>ChartTitle: Thunder Bay Island to Presque Isle;Stoneport Harbor;Resque Isle Harbor</i>					
Main Panel 1330 PRESQUE ISLE AND STONEPORT HARBORS MICHIGAN. Page/Side: N/A					
					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 https://www.charts.noaa.gov/MCD/Dole.shtml .				--
14880	34th Ed.	01-OCT-19	Last LNM: 19/22	NAD 83	13/23
<i>ChartTitle: Straits of Mackinac</i>					
Main Panel 1333 STRAITS OF MACKINAC - -. Page/Side: -					
					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 https://www.charts.noaa.gov/MCD/Dole.shtml .				--
14881	36th Ed.	01-NOV-19	Last LNM: 48/19	NAD 83	13/23
<i>ChartTitle: Detour Passage to Waugoshance Pt.;Hammond Bay Harbor;Mackinac Island;Cheboygan;Mackinaw City;St. Ignace</i>					
Main Panel 1334 LAKE HURON STRAITS OF MACKINAC DE TOUR PASS TO WAUGOSHANCE PT - -. Page/Side: -					
					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 https://www.charts.noaa.gov/MCD/Dole.shtml .				--

14882	36th Ed.	01-JAN-14	Last LNM: 50/21	NAD 83	13/23
<i>ChartTitle: St. Marys River - Detour Passage to Munuscong Lake;Detour Passage</i>					
Main Panel 1340 ST MARYS RIVER DETOUR PASSAGE TO MUNUSCONG LAKE. Page/Side: N/A					
				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 https://www.charts.noaa.gov/MCD/Dole.shtml .				--
14883	44th Ed.	01-JAN-14	Last LNM: 49/21	NAD 83	13/23
<i>ChartTitle: St. Marys River - Munuscong Lake to Sault Ste. Marie</i>					
Main Panel 1342 ST MARYS RIVER MUNUSCONG LAKE TO SAULT STE MARIE . Page/Side: N/A					
				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 https://www.charts.noaa.gov/MCD/Dole.shtml .				--
14884	40th Ed.	01-JAN-14	Last LNM: 48/19	NAD 83	13/23
<i>ChartTitle: St. Marys River - Head of Lake Nicolet to Whitefish Bay;Sault Ste. Marie</i>					
Main Panel 1343 ST MARYS RIVER HEAD OF LAKE NICOLET TO WHITEFISH BAY. Page/Side: N/A					
				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 https://www.charts.noaa.gov/MCD/Dole.shtml .				--
14885	22nd Ed.	01-JUN-14	Last LNM: 19/20	NAD 83	13/23
<i>ChartTitle: Les Cheneaux Islands</i>					
Main Panel 1345 LES CHENEUX ISLANDS MICHIGAN. Page/Side: A					
				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 https://www.charts.noaa.gov/MCD/Dole.shtml .				--
14886	13th Ed.	01-SEP-17	Last LNM: 26/13	NAD 83	13/23
<i>ChartTitle: SMALL-CRAFT BOOK CHART - Inland Route, Cheboygan to Conway (book of 12 Charts)</i>					
Main Panel 1346 INLAND ROUTE MICHIGAN - -. Page/Side: -					
				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 https://www.charts.noaa.gov/MCD/Dole.shtml .				--
14887	1st Ed.	01-DEC-13	Last LNM: 49/21	NAD 83	13/23
<i>ChartTitle: St Marys River - Vicinity of Neebish Island</i>					
Main Panel 1360 St Marys River - Vicinity of Neebish Island. Page/Side: N/A					
				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 https://www.charts.noaa.gov/MCD/Dole.shtml .				--
14907	29th Ed.	01-SEP-17	Last LNM: 25/21	NAD 83	13/23
<i>ChartTitle: Stony Lake to Point Betsie;Pentwater;Arcadia;Frankfort</i>					
Main Panel 1379 LAKE MICHIGAN STONY LAKE TO POINT BETSIE - -. Page/Side: -					
				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 https://www.charts.noaa.gov/MCD/Dole.shtml .				--
14908	19th Ed.	01-JAN-16	Last LNM: 08/17	NAD 83	13/23
<i>ChartTitle: Dutch Johns Point to Fishery Point, including Big Bay de Noc and Little Bay de Noc;Manistique</i>					

Main Panel 1383 DUTCH JOHNS PT. TO FISHERY PT.. Page/Side: A

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

14909 21st Ed. 01-FEB-16 Last LNM: 19/22 NAD 83 13/23

ChartTitle: Upper Green Bay - Jackson Harbor and Detroit Harbor;Detroit Harbor;Jackson Harbor;Baileys Harbor

Main Panel 1385 UPPER GREEN BAY - MINNEAPOLIS SHOAL TO GREEN ISLAND. Page/Side: A

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

14910 25th Ed. 01-NOV-18 Last LNM: 19/22 NAD 83 13/23

ChartTitle: Lower Green Bay;Oconto Harbor;Algoma

Main Panel 1388 LOWER GREENBAY ALGOMA AND OCONTO - -. Page/Side: -

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

14911 22nd Ed. 01-FEB-16 Last LNM: 19/22 NAD 83 13/23

ChartTitle: Waugoshance Point to Seul Choix Point, including Beaver Island Group;Port Inland;Beaver Harbor

Main Panel 1391 LK MICH WAUGOSHANCE PT-SEUL CHOIX PT. Page/Side: A

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

14912 18th Ed. 01-JAN-16 Last LNM: 47/21 NAD 83 13/23

ChartTitle: Platte Bay to Leland;Leland;South Manitou Harbor

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 13/23

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 13/23

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 13/23

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

NOS

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 .	--	--
14917	25th Ed. 01-SEP-12 Last LNM: 15/15 NAD 83		13/23
<i>ChartTitle: Menominee and Marinette Harbors</i>			
Main Panel 1441 MENOMINEE AND MARINETTE HARBORS. Page/Side: N/A			
		NOS	
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 .	--	--
14918	28th Ed. 01-DEC-15 Last LNM: 23/18 NAD 83		13/23
<i>ChartTitle: Head of Green Bay, including Fox River below De Pere;Green Bay</i>			
Main Panel 1442 HEAD OF GREEN BAY INCLUDING FOX RIVER BELOW DE PERE. Page/Side: A			
		NOS	
LAST EDITION	No new editions of chart 14918 will be published. It will be canceled on 03-May-23. Comparable or larger scale Electronic Navigational Chart (ENC) coverage is available. See "Cancellation of NOAA Paper and Raster Nautical Charts" in Section I of this LNM for details. A list of all canceled NOAA charts is at https://www.charts.noaa.gov/MCD/Dole.shtml .	--	--
14919	29th Ed. 01-DEC-15 Last LNM: 40/21 NAD 83		13/23
<i>ChartTitle: Sturgeon Bay and Canal;Sturgeon Bay</i>			
Main Panel 1444 STURGEON BAY AND CANAL LAKE MICHIGAN. Page/Side: A			
		NOS	
LAST EDITION	No new editions of chart 14919 will be published. It will be canceled on 03-May-23. Comparable or larger scale Electronic Navigational Chart (ENC) coverage is available. See "Cancellation of NOAA Paper and Raster Nautical Charts" in Section I of this LNM for details. A list of all canceled NOAA charts is at https://www.charts.noaa.gov/MCD/Dole.shtml .	--	--
14922	21st Ed. 01-MAY-16 Last LNM: 50/21 NAD 83		13/23
<i>ChartTitle: Manitowoc and Sheboygan</i>			
Main Panel 1446 MANITOWOC AND SHEBOYGAN WISCONSIN MANITOWOC. Page/Side: A			
		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 https://www.charts.noaa.gov/MCD/Dole.shtml .	--	--
14924	29th Ed. 01-DEC-12 Last LNM: 21/18 NAD 83		13/23
<i>ChartTitle: Milwaukee Harbor</i>			
Main Panel 1448 MILWAUKEE HARBOR WISCONSIN. Page/Side: N/A			
		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 https://www.charts.noaa.gov/MCD/Dole.shtml .	--	--
14925	24th Ed. 01-DEC-15 Last LNM: 46/21 NAD 83		13/23
<i>ChartTitle: Racine Harbor</i>			
Main Panel 1449 RACINE HARBOR WISCONSIN. Page/Side: A			
		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 https://www.charts.noaa.gov/MCD/Dole.shtml .	--	--
14926	14th Ed. 01-MAY-19 Last LNM: 05/21 NAD 83		13/23
<i>ChartTitle: SMALL-CRAFT BOOK CHART - Chicago and South Shore of Lake Michigan (book of 30 charts)</i>			
Main Panel 1450 CHICAGO AND VICINITY PAGE 2 - -. Page/Side: -			
		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 <https://www.charts.noaa.gov/MCD/Dole.shtml>.

14927	27th Ed.	01-AUG-20	Last LNM: 46/21	NAD 83	13/23
<i>ChartTitle: Chicago Lake Front; Gary Harbor</i>					
Main Panel 1482 CHICAGO LAKE FRONT - -. Page/Side: -					
LAST EDITION No new editions of chart 14927 will be published. It will be canceled on 03-May-23. Comparable or larger scale Electronic Navigational Chart (ENC) coverage is available. See "Cancellation of NOAA Paper and Raster Nautical Charts" in Section I of this LNM for details. A list of all canceled NOAA charts is at https://www.charts.noaa.gov/MCD/Dole.shtml .					NOS --
14928	23rd Ed.	01-SEP-11	Last LNM: 36/17	NAD 83	13/23
<i>ChartTitle: Chicago Harbor</i>					
Main Panel 1484 CHICAGO HARBOR. Page/Side: N/A					
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 https://www.charts.noaa.gov/MCD/Dole.shtml .					NOS --
14929	26th Ed.	01-DEC-16	Last LNM: 05/21	NAD 83	13/23
<i>ChartTitle: Calumet, Indiana and Buffington Harbors, and Lake Calumet</i>					
Main Panel 1485 CALUMET AND INDIANA HARBORS. Page/Side: A					
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 https://www.charts.noaa.gov/MCD/Dole.shtml .					NOS --
14930	26th Ed.	01-NOV-12	Last LNM: 15/15	NAD 83	13/23
<i>ChartTitle: St. Joseph and Benton Harbor</i>					
Main Panel 1486 ST JOSEPH AND BENTON HARBOR MICHIGAN. Page/Side: N/A					
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 .					NOS --
14931	25th Ed.	01-NOV-15	Last LNM: 26/14	NAD 83	13/23
<i>ChartTitle: Grand River From Dermo Bayou To Bass River</i>					
Main Panel 1489 GRAND RIVER MICH FROM DERMO BAYOU TO BASS RIVER. Page/Side: A					
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 .					NOS --
14932	24th Ed.	01-NOV-15	Last LNM: 12/15	NAD 83	13/23
<i>ChartTitle: Holland Harbor</i>					
Main Panel 1487 HOLLAND HARBOR . Page/Side: A					
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 .					NOS --
14933	25th Ed.	01-SEP-13	Last LNM: 38/21	NAD 83	13/23
<i>ChartTitle: Grand Haven, including Spring Lake and Lower Grand River</i>					
Main Panel 1488 GRAND HAVEN MICH INCL SPRING LAKE & LOWER GRAND RVR. Page/Side: N/A					
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					NOS --

(ENC) coverage is available. See "Cancellation of NOAA Paper and Raster Nautical Charts" in Section I of this LNM for details. A list of all canceled NOAA charts is at <https://www.charts.noaa.gov/MCD/Dole.shtml>.

14934	30th Ed.	01-DEC-15	Last LNM: 22/13	NAD 83	13/23
<i>ChartTitle: Muskegon Lake and Muskegon Harbor</i>					
Main Panel 1491 MUSKEGON HARBOR MICHIGAN MUSKEGON LAKE. Page/Side: A					
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 .					
					NOS
					--
14935	22nd Ed.	01-OCT-15	Last LNM: 24/15	NAD 83	13/23
<i>ChartTitle: White Lake</i>					
Main Panel 1492 WHITE LAKE . Page/Side: A					
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 .					
					NOS
					--
14937	25th Ed.	01-SEP-13	Last LNM: 43/14	NAD 83	13/23
<i>ChartTitle: Ludington Harbor</i>					
Main Panel 1493 LUDINGTON HARBOR . Page/Side: N/A					
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 .					
					NOS
					--
14938	25th Ed.	01-NOV-15	Last LNM: 46/14	NAD 83	13/23
<i>ChartTitle: Manistee Harbor and Manistee Lake</i>					
Main Panel 1494 MANISTEE HARBOR MICHIGAN MANISTEE LAKE. Page/Side: A					
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 .					
					NOS
					--
14939	24th Ed.	01-OCT-15	Last LNM: 03/15	NAD 83	13/23
<i>ChartTitle: Portage Lake</i>					
Main Panel 1495 PORTAGE LAKE MICHIGAN. Page/Side: A					
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 https://www.charts.noaa.gov/MCD/Dole.shtml .					
					NOS
					--
14942	27th Ed.	01-DEC-15	Last LNM: 36/13	NAD 83	13/23
<i>ChartTitle: Lake Charlevoix;Charlevoix, South Point to Round Lake</i>					
Main Panel 1496 LAKE CHARLEVOIX MICHIGAN. Page/Side: A					
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 https://www.charts.noaa.gov/MCD/Dole.shtml .					
					NOS
					--
14969	23rd Ed.	01-JUN-14	Last LNM: 32/18	NAD 83	13/23
<i>ChartTitle: Munising Harbor and Approaches;Munising Harbor</i>					
Main Panel 1525 MUNISING HBR AND APPROACHES INCLUDING GRAND ISL. Page/Side: A					
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					
					NOS
					--

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>.

14970	27th Ed.	01-AUG-14	Last LNM: 20/16	NAD 83	13/23
<i>ChartTitle: Marquette and Presque Isle Harbors</i>					
Main Panel 1527 MARQUETTE AND PRESQUE ISLE HARBORS MICHIGAN. Page/Side: A					
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 https://www.charts.noaa.gov/MCD/Dole.shtml .				--
14971	22nd Ed.	01-SEP-14	Last LNM: 27/13	NAD 83	13/23
<i>ChartTitle: Keweenaw Bay;L Anse and Baraga Harbors</i>					
Main Panel 1528 KEWEENAW BAY LAKE SUPERIOR. Page/Side: A					
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 https://www.charts.noaa.gov/MCD/Dole.shtml .				--
14972	27th Ed.	01-DEC-13	Last LNM: 03/15	NAD 83	13/23
<i>ChartTitle: Keweenaw Waterway, including Torch Lake;Hancock and Houghton</i>					
Main Panel 1531 KEWEENAW WATERWAY MICHIGAN INCLUDING TORCH LAKE. Page/Side: N/A					
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 https://www.charts.noaa.gov/MCD/Dole.shtml .				--
14974	25th Ed.	01-FEB-14	Last LNM: 46/15	NAD 83	13/23
<i>ChartTitle: Ashland and Washburn harbors</i>					
Main Panel 1537 ASHLAND AND WASHBURN HARBORS. Page/Side: N/A					
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	13/23
<i>ChartTitle: Duluth-Superior Harbor;Upper St. Louis River</i>					
Main Panel 1538 DULUTH-SUPERIOR HARBOR - -. Page/Side: -					
NOS					
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 .				--

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		
<u>Advance Notice(s)</u>		
ST. MARYS RIVER – De Tour Passage to Munuscong Lake – Chart 14882		
St. Marys River Light "4" (LLNR 12895) Change name of the aid to Mino-kwe Minising Light "4" (LLNR 12895).	LNM: 10/23	
ST. MARYS RIVER – Lake Nicolet – Chart 14883		
The Coast Guard will be modifying the operation of Frechette Point Range Front Light (LLNR 14015) and Frechette Point Light 91 (LLNR 14010) from two independent lighting signals on the same structure, into one collocated omnidirectional lantern. The reconfigured lantern will serve as the lighting		

signal for both the front range light and lateral channel marker. The aid will be renamed "Frechette Point Range Front Light 91". The intensity and QG characteristic of the reconfigured lantern will remain the same as the current front range light. The current daymark characteristics will remain the same.

LNM: 10/23

LAKE MICHIGAN – Waugoshance Point to Choix Point – Chart 14911

Garden Island Buoy "1" (LLNR 21565) Change name of aid to Ojibwa Island Shoal Buoy "1" (LLNR 21565).
Garden Island Buoy "2" (LLNR 21560) Change name of aid to Ojibwa Island Shoal Buoy "2" (LLNR 21560).

LNM: 10/23

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 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 or by calling (216) 902-6070. You may also complete the survey attached to the Local Notice to Mariner and either email it or mail it to: Commander (dpw), Ninth Coast Guard District, 1240 East Ninth St., Cleveland, Ohio 44199.

- Sackets Harbor
(LLNR 1755-2024.9)
- Buffalo Harbor/Black Rock Canal
(LLNR 2665-3360)
- Dunkirk Harbor
(LLNR 3365-3492)
- Erie Harbor
(LLNR 3495-3696)
- Conneaut Harbor
(LLNR 3700-3735)
- Ashtabula Harbor
(LLNR 3740-3830)
- Fairport Harbor
(LLNR 3835-3955)
- Cleveland Harbor
(LLNR 3975-4260)
- Huron Harbor
(LLNR 4430-5455)
- Erie Islands
(LLNR 5520-6025)

Waterways Analysis and Management System

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)

M.I.R.

(LLNR 11780-12170)

Marquette Harbor

(LLNR 14620-14720)

Apostle Islands

(LLNR 15255-15590)

LNLM: 09/20

GREAT LAKES - Marine Events

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

LNLM: 24/13

LAKE ONTARIO – Oswego Harbor – Chart 14813

From 16 July 2023 to 18 September 2023 Dean Marine and Excavating Inc will be conducting dredging operations in the Oswego Harbor. Hours of operation are 0700-1900 7 days a week. Andrew J, Megan J and Paige Noel can be contacted on VHF channels 7, 9 and 16. All mariners are requested to transit the area with caution.

LNLM: 12/23

LAKE ERIE – OH - Ashtabula Harbor – Chart 14836

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

Buoy "1" 41-55-07.841N / 080-47-25.303W

Buoy "2" 41-54-58.921N / 080-47-16.850W

Buoy "3" 41-54-58.281N / 080-47-14.290W

Buoy "4" 41-54-56.304N / 080-47-14.726W

Buoy "5" 41-54-56.307N / 080-47-11.234W

Buoy "6" 41-54-58.474N / 080-47-02.054W

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

LNLM: 43/21

Lake Erie – 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)

LNLM: 23/22

LAKE ERIE – OH – Cleveland Harbor – Chart 14839

From 15 April 2023 to 14 July 2023 Dean Marine and Excavating Inc will be conducting breakwater repairs in the Cleveland Harbor West Basin / Cuyahoga River. Hours of operation are from 0700 to 1900 7 days a week. Madison R, ST911 and Paige Noel can be contacted on VHF 16. Request a 2-hour notice of arrival for commercial traffic. Work will be on the West Cleveland Harbor Breakwater and traversing through the harbor's west basin, dock 20 to and from West Breakwater. All mariners are requested to transit the area with caution.

LAKE ERIE – OH – Cleveland Harbor – Chart 14839

LNM: 11/23

LAKE ERIE – OH – Lorain – Chart 14839

From 27 March 2022 to 30 April 2023 the Ryba Marine Construction Co. will be conducting maintenance dredging Lorain, Oh. Hours of operation are 24 hours a day 7 days a week. Tug Kathy Lynn can be contacted on VHF channels 13 and 16. All mariners are requested to transit the area with caution.

LNM: 11/23

DETROIT RIVER– Detroit – Chart 14854

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

LNM: 11/23

STRAITS OF MACKINAC – Point LaBarbe to McGulpin Point – Chart 14881

From 01 May 2023 to 31 May 2023 Kokosing Industrial Inc will be conducting ROV inspection of the new American Transmission Company 138kv submarine power cables installed in 2021 in the Straits of Mackinaw between Point LaBarbe, Mackinaw County and McGulpin Point, Emmet County. Hours of operation are 24 hours a day 7 days a week. Tugs Valerie B, Nancy Anne, Champion and Timmy V can be contacted on VHF channels 13 and 16. All vessels are requested to remain 1500' away from the survey vessels. All mariners are requested to transit the area with caution.

LNM: 11/23

ST MARYS RIVER- Saint Mary's SOO Locks – Chart 14887

Kokosing-Alberici LLC will commence construction on the New Soo Lock Upstream Approach Walls April of 2021. Construction activities will be generally limited to the upstream north channel approach to the decommissioned Sabin and Davis Locks. Delivery by barge and boat of materials, equipment and crew will cross the upstream approach to the Soo Locks navigation channel throughout construction. Operations will commence from 25 Mar 21 to 15 Oct 23 Monday through Saturday 24 hours a day.

LNM: 09/21

ST MARYS RIVER – Sault Ste. Marie – Chart 14883

From 24 April 2023 to 30 September 2023 Roen Salvage Company will be conducting steel sheet pile construction at the Carbide Dock. Hours of operation are 0500-1900 7 days a week. Tug Stephen Asher can be contacted on VHF channels 7 and 16. All mariners are requested to transit the area with caution.

LNM: 12/23

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 – Manistee – Chart 14907

From 01 April 2023 to 01 May 2023 Roen Salvage Company will be conducting breakwater repair in Manistee, MI. Hours of operation are 24 hours a day 7 days a week. Tug Stephan Asher can be contacted on VHF channels 7 and 16. All mariners are requested to transit the area with caution.

LNM: 12/23

LAKE MICHIGAN – Holland – Chart 14932

From 10 April 2023 to 10 May 2023 the King Company Inc will be conducting hydraulic dredging in the Holland outer channel. Hours of operation are 24 hours a day 7 days a week. Dredge Barry J can be contacted on VHF channels 16, 18 and 73. Submerged pipe laying on the lake floor marked by orange round buoys every 500 feet. (2) white buoys will be seen North and South of the dredge. The white buoys indicate winch anchor locations. Disposal area starts south of the pier 2,000' and runs for an additional 2,500'. Main contact will be the Superintendent Robert Lister. Cell# listed below. During rough seas our pipe pontoon will be floating outside of the channel. It is bright yellow, 25'x8'x6' and has (2) flashing lights on each end that come on at night. All mariners are requested to transit the area with caution.

LNM: 12/23

LAKE MICHIGAN – Sheboygan River – Chart 14922

Shoaling has been reported in entrance of the Sheboygan River in the vicinity of 43-44.928N, 087-42.170W AND 43-44.936N, 087-42.110W. The actual water depth is currently significantly below the charted depth. Mariners are urged to use caution when transiting the area. For further details, contact Sector Lake Michigan at (414) 747-7182 or VHF channel 16.

LNM: 24/22

LAKE MICHIGAN - Milwaukee - Chart 14924

J.F. Brennan company will be conducting construction operations on the south end of the confluence of the Milwaukee and Menomonee rivers. This work will take place daily from 7:00 am to 7:00 pm from March 27 to August 31, 2023. A turbidity barrier, small craft, and barges will be used throughout the project. this area will remain open to vessel traffic. please transit the area with caution. the project superintendent can be

LAKE MICHIGAN - Milwaukee - Chart 14924

contacted at 920-205-7149 with any questions. All mariners are requested to transit the area with caution.

LNM: 13/23

LAKE MICHIGAN – St. Joseph – Chart 14930

From 10 April 2023 to 10 May 2023 the King Company Inc will be conducting hydraulic dredging in the St, Joseph outer channel. Hours of operation are 24 hours a day 7 days a week. Dredge Buxton II can be contacted on VHF channels 16, 18 and 73. Submerged pipe laying on the lake floor marked by orange round buoys every 500 feet. (2) white buoys will be seen North and South of the dredge. The white buoys indicate winch anchor locations. Disposal area starts south of the pier 2,000’ and runs for an additional 2,500’. Main contact will be the Superintendent Robert Lister. Cell# listed below. During rough seas our pipe pontoon will be floating outside of the channel. It is bright yellow, 25’x8’x6’ and has (2) flashing lights on each end that come on at night. All mariners are requested to transit the area with caution.

LNM: 12/23

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 - Ludington -Chart 14924

From 01 April 2023 to 01 May 2023 Viking Marine Construction will be conducting dredging in Ludington Harbor. Hours of operation are 24 hours a day 7 days a week. Dredge AJ can be contacted on VHF channel 78. All mariners are requested to transit the area with caution.

LNM: 13/23

LAKE MICHIGAN – Chicago – Chart 14928

From 16 April 2023 to 01 September 2023 Roen Salvage Company will be conducting breakwater repair in Chicago Harbor. Hours of operation are 24 hours a day 7 days a week. Tug David Schanock can be contacted on VHF channels 7 and 16. All mariners are requested to transit the area with caution.

LNM: 12/23

LAKE SUPERIOR – Little Lake Harbor – Chart 14961

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

LNM: 47/22

LAKE SUPERIOR – MN – Spirit Lake – Chart 14975

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

LNM: 26/22

SECTION VIII - LIGHT LIST CORRECTIONS

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

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
None							

ENCLOSURES

(1) LNM Section I - Special Notices

1-Great Lakes Water Levels

LNM: 06/22

(2) LNM Section II - Discrepancies

N/A

LNM: 19/19

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

N/A

LNM: 19/19

(4) LNM Section IV - Chart Corrections

N/A LNM: 19/19

(5) LNM Section V - Advance Notices

N/A LNM: 19/19

(6) LNM Section VI - Proposed Changes

N/A LNM: 19/19

(7) LNM Section VII - General

1-Marine Events
2-Current Ninth District Bridge Maintenance/Activities
3-Waterway Analysis and Management System Survey
LNM: 19/19

(8) LNM Section VIII - Light List Corrections

N/A LNM: 19/19

M. J. Johnston, RADM
U. S. Coast Guard
Commander, Ninth Coast Guard District

GREAT LAKES, CONNECTING CHANNELS AND ST. LAWRENCE RIVER WATER LEVELS AND DEPTHS

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

	Forecast Point	Low Water Datum IGLD 1985	Expected Levels (inches above or below Low Water Datum,0)				
			Current	Week 1	Week 2	Week 3	Week 4
			24-Mar	31-Mar	7-Apr	14-Apr	21-Apr
GREAT LAKES							
Lake Ontario		243.3	29	31	32	34	36
Lake Erie		569.2	41	42	43	44	45
Lake St. Clair		572.3	34	35	36	37	38
Lake Michigan-Huron		577.5	16	17	18	19	20
Lake Superior		601.1	8	8	9	9	10
ST. LAWRENCE RIVER							
Above Long Sault Dam	0	237.9	28	29	31	33	36
Above Iroquois Dam	1	240.3	24	25	26	27	30
Ogdensburg	2	242.4	29	31	33	35	37
Alexandria Bay	2.1	243.0	28	29	31	32	34
Head of river at Cape Vincent	3	243.3	29	31	32	34	36
DETROIT RIVER							
Lake Erie at Pelee Passage	4	569.2	41	42	43	44	45
Mouth of River at Gibraltar	5	569.5	41	42	43	43	45
Fort Wayne	5.1	571.1	39	40	41	42	43
Head of River above Belle Isle	6	572.0	35	36	37	38	39
ST. CLAIR RIVER							
Mouth of River at St. Clair Flats	7	572.3	34	35	36	37	38
Algonac	8	572.8	33	34	35	36	38
St. Clair	9	574.4	29	30	31	32	33
Blue Water Bridge	10	576.2	24	24	26	26	28
Head of River at Fort Gratiot	11	577.2	19	19	21	21	23
Lake Huron Approach Channel	12	577.5	16	17	18	19	20
ST. MARYS RIVER							
Mouth of River at Detour	13	577.5	16	17	18	19	20
West and Middle Neebish	14	577.8	14	15	16	17	18
Head of Little Rapids	15	578.4	13	14	15	16	17
U.S. Slip	16	578.7	12	13	14	15	16
Above Locks	17	600.4	11	12	12	13	14
Head of River at Point Iroquois	18	601.1	8	8	9	9	10

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	Detroit District Great Lakes Homepage	NOAA, National Ocean Service
477 Michigan Avenue	International Joint Commission	SSMC4, STATION 7523
Detroit MI, 48226	Great Lakes Information Network	1305 East-West Hwy
1-888-694-8318 ex. 1	NOAA Tides and Currents	Silver Spring, MD 20910-3233
email: hghpm@usace.army.mil	U.S. Coast Guard - District 9	(301) 713-2902

CURRENT NINTH DISTRICT BRIDGE MAINTENANCE/ACTIVITIES
Week [13/23]

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
Lee Soule (216) 902-6085 or Lee.D.Soule@uscg.mil
Michael Walker (216) 902-6087 or Michael.O.Walker2@uscg.mil
FAX: (216) 902-6088

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

NOTES:

ACTIVE BROADCAST NOTICE TO MARINERS (BNM)

U.S.C.G. NINTH DISTRICT NOTICE TO MARINERS C021-23
MI - LAKE HURON - CHEBOYGAN HARBOR - INLAND ROUTE
FROM MARCH 31, 2023, THROUGH JULY 31, 2023, BETWEEN THE HOURS OF 2300 AND 0700, DAILY NO DRAWTENDER IS REQUIRED TO BE AT THE US 23 HIGHWAY BRIDGE, MILE 0.9, OVER THE CHEBOYGAN RIVER, PART OF THE INLAND ROUTE AND THE BRIDGE NEED NOT OPEN UNLESS A REQUEST TO OPEN THE DRAW IS GIVEN AT LEAST 2-HOURS IN ADVANCE OF A VESSELS INTENDED TIME OF PASSAGE THROUGH THE DRAW. MARINERS SHOULD CALL 231-627-5436 TO PROVIDE ADVANCE NOTICE.

SAFETY BCST PLUS SKED BCST UNTIL 250500Z MAR 23
U.S.C.G. NINTH DISTRICT NOTICE TO MARINERS C022-22
IN - LAKE MICHIGAN - MICHIGAN CITY
FROM MARCH 15 THROUGH MARCH 24, 2023, THE AMTRAK RAILROAD BRIDGE AT MILE 0.85 OVER TRAIL CREEK WILL REQUIRE A 1-HOUR ADVANCE NOTICE FOR OPENINGS DUE TO A MECHANICAL FAILURE IN THE LOCKING SYSTEM. MARINERS SHOULD PROVIDE THE ADVANCE NOTICE DIRECTLY TO THE REMOTE DRAWTENDER BY VHF-FM MARINE CHANNEL 16 OR BY CALLING 800-424-0217.

SAFETY BCST PLUS SKED BCST UNTIL 032200Z APR 23
U.S.C.G. NINTH DISTRICT NOTICE TO MARINERS C023-23
IL - LAKE MICHIGAN - CHICAGO HARBOR
ON APRIL 1 AND AGAIN ON APRIL 8, 2023, BETWEEN THE HOURS OF 0700 TO 1800 ON BOTH DAYS THE AMTRAK RAILROAD BRIDGE AT MILE 3.44 (CORPS MILE 323.5) OVER THE SOUTH BRANCH OF THE CHICAGO 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.

SAFETY BCST PLUS SKED BCST UNTIL 032200Z APR 23

U.S.C.G. NINTH DISTRICT NOTICE TO MARINERS C024-23

NY - NEW YORK BARGE CANAL SYSTEM

FROM APRIL 3 THROUGH APRIL 7, 2023, CONTRACTORS WILL USE LADDER SET INTO THE RIVER BOTTOM TO COMPLETE WORK ON THE BOTTOM OF THE E-203 EAGLE HARBOR BRIDGE, MILE 296.41, OVER THE ERIE CANAL. SPOTTERS WILL WARN OF APPROACHING VESSELS AND MOVE THE LADDERS TO ALLOW VESSELS TO PASS.

SAFETY BCST PLUS SKED BCST UNTIL 010100Z APR 23

U.S.C.G. NINTH DISTRICT NOTICE TO MARINERS C025-23

OH - LAKE ERIE - LORAIN HARBOR

PHONE SERVICE FOR THE CHARLES BERRY BRIDGE AT MILE 0.6 OVER THE BLACK RIVER HAS FAILED. MARINERS CAN PROVIDE ADVANCE NOTICE BY CALLING 440-244-2003 UNTIL PHONE SERVICE IS RESTORED.

SAFETY BCST PLUS SKED BCST UNTIL 061900Z APR 23

U.S.C.G. NINTH DISTRICT NOTICE TO MARINERS C026-23

WI- LAKE MICHIGAN - GREEN BAY

ON APRIL 5 AND APRIL 6, 2023, BETWEEN THE HOURS OF 0900 AND 1400 INSPECTORS WILL USE SNOOPER VEHICLES UNDER THE TOWER DRIVE / LEO FRIGO BRIDGE AT MILE 0.41 OVER THE FOX RIVER. SPOTTERS WILL WARN OF APPROACHING VESSELS AND MOVE THE MANLIFT TO ALLOW VESSELS TO PASS.

SAFETY BCST PLUS SKED BCST UNTIL 072200Z APR 23

U.S.C.G. NINTH DISTRICT NOTICE TO MARINERS C028-23

MI - ST. CLAIR RIVER - PORT HURON

FROM MARCH 28 THROUGH APRIL 7, 2023, BETWEEN THE HOURS OF 0600 AND 1800 DAILY, A 32-FOOT BY 17-FOOT BARGE WILL BE USED AT THE CSX RAILROAD BRIDGE AT MILE 0.09 OVER THE BLACK RIVER. THE BARGE WILL MONITOR VHF-FM MARINE CHANNEL 16 AND WILL MOVE IF A 30-MINUTE ADVANCE NOTICE IS PROVIDED DIRECTLY TO THE BARGE.

SAFETY BCST PLUS SKED BCST UNTIL 112200Z APR 23

U.S.C.G. NINTH DISTRICT NOTICE TO MARINERS C029-23

WI- LAKE MICHIGAN - GREEN BAY

FROM APRIL 11 THROUGH APRIL 13, 2023, BETWEEN THE HOURS OF 0600 AND 1600, INSPECTORS WILL BE USING SNOOPER VEHICLES UNDER THE TILLMAN MEMORIAL BRIDGE AT MILE 2.27 AND THE BART STAR BRIDGE AT MILE 1.81, OVER THE FOX RIVER. SPOTTERS WILL WARN OF APPROACHING VESSELS AND MOVE THE MANLIFT TO ALLOW VESSELS TO PASS. THE BRIDGES WILL REQUIRE A 15-MINUTE ADVANCE NOTICE FOR OPENINGS. ADVANCE NOTICE SHOULD BE PROVIDED DIRECTLY TO THE DRAWTENDER.

SAFETY BCST PLUS SKED BCST UNTIL 112200Z APR 23

U.S.C.G. NINTH DISTRICT NOTICE TO MARINERS C030-23

NY - ST LAWRENCE RIVER - CHAUMONT RIVER

FROM APRIL 3 THROUGH JULY 30, 2025, BETWEEN THE HOURS OF 0700 AND 1900, MONDAY THROUGH SATURDAY CONTRACTORS WILL BE REPLACING THE 12E HIGHWAY BRIDGE AT MILE 0.8 OVER THE CHAUMONT RIVER. THREE BARGES 120-FEET BY FORTY-FEET OR SMALLER WILL BE WORKING AT THE BRIDGE AND WILL MONITOR VHF-FM MARINE

CHANNEL 16. A 20-FOOT CHANNEL WILL BE MAINTAINED THROUGH THE CONSTRUCTION AREA FOR VESSELS TO PASS THROUGH, BUT THE BARGES WILL MOVE IF A 30-MINUTE ADVANCE NOTICE IS PROVIDED DIRECTLY TO THE BARGES.

SAFETY BCST PLUS SKED BCST UNTIL 032200Z APR 23
U.S.C.G. NINTH DISTRICT NOTICE TO MARINERS C031-23
IL- LAKE MICHIGAN -CALUMET HARBOR

ON APRIL 1 AND APRIL 3, 2023, BETWEEN THE HOURS OF 0700 AND 1700 INSPECTORS WILL UTILIZE A 30-FOOT HARCON VESSEL UNDER THE 106TH STREET BRIDGE, MILE 2.58 (CORPS MILE 330.6) OVER THE CALUMET RIVER. THE HARCON WILL MONITOR VHF-FM MARINE CHANNEL 16 AND MOVE IF A 15-MINUTE ADVANCE NOTICE IS PROVIDED DIRECTLY TO THE HARCON.

SAFETY BCST PLUS SKED BCST UNTIL 112200Z APR 23
U.S.C.G. NINTH DISTRICT NOTICE TO MARINERS C032-23
MI - LAKE HURON - SAGINAW RIVER

FROM MARCH 29 THROUGH APRIL 30, 2023, BETWEEN THE HOURS OF 0700 AND 1900 DAILY A 26-FOOT BY 8-FOOT BARGE WILL BE WORKING IN THE LEFT DRAW OF THE LAKE SHORE RAILROAD BRIDGE AT MILE 3.10 OVER THE SAGINAW RIVER. THE BARGE WILL MONITOR VHF-FM MARINE CHANNEL 16 AND WILL MOVE IF A 1-HOUR ADVANCE NOTICE IS PROVIDED DIRECTLY TO THE BARGE.

FEDERAL REGULATIONS DOCKET STATUS

USCG-2022-0237 - NPRM – Keweenaw Waterway – Pending Admiral’s Signature

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

USCG-2023-0189 -NPRM – Ashtabula River – 1st Draft approved.

USCG-2023-0188 -NPRM – Cuyahoga River – Docket opened

USCG-2023-0187 -NPRM – Black River – Docket opened

USCG-2023-0186 -NPRM – Portage River – Docket opened

USCG-2023-0185 -NPRM – Sandusky Bay – Docket opened

USCG-2023-0184 -NPRM – Maumee River – Docket opened

USCG-2023-0183 -NPRM – River Rouge – Docket opened

BRIDGE DELAY REPORTS SNAPSHOT

2023	Verbal Complaints Received	Delay Reports Received	Delay Reports Proven	Fine Amount Proposed
Commercial Vessels	7	16	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 April 1, 2023, through **July 1, 2024**, snooper trucks will be working under the E-182 Main Street Bridge, mile 278.93, over the Erie Canal to rehabilitate the bridge in the fully open position. The permitted navigation lights will be removed and temporarily replaced with steady burning yellow lights on the bottom and four-corners of the drawspan. Spotters will warn of approaching vessels and move the man lift to allow vessels to pass.

[12/22]

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

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

[22/22]

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

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

[24/22]

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 Eire 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]

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

From April 10 through **April 28, 2023**, between the hours of 0700 and 1900, seven days a week a 30-foot Harcon bridge inspection vessel will be working under the E155 Old Erie Lackawanna RR Pedestrian Bridge at mile 1.72 and the E154A South Corridor Pedestrian Bridge, mile 1.72, both over the Erie Canal – Genesee River. The Harcon will move if provided a 15-minute advance notice on VHF-FM Marine Channel 16.

[11/23]

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

From April 3 through **April 7, 2023**, contractors will use ladder set into the river bottom to complete work on the bottom of the E-203 Eagle Harbor Bridge, mile 296.41, over the Erie Canal. Spotters will warn of approaching vessels and move the ladders to allow vessels to pass.

[12/23]

LAKE ONTARIO

LAKE ONTARIO – 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 masted 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 ONTARIO – NY – Chaumont Harbor – Chart 14811

From April 3 through **July 30, 2025**, between the hours of 0700 and 1900, Monday through Saturday contractors will be replacing the 12E Highway Bridge at Mile 0.8 over the Chaumont River. Three barges 120-foot by forty-foot or smaller will be working at the bridge and will monitor VHF-FM marine Channel 16. A 20-foot channel will be maintained through the construction area for vessels to pass through, but the barges will move if a 30-minute advance notice is provided directly to the barges.

[13/23]

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 – 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 masted 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.

[8/23]

LAKE ERIE – OH – Toledo Harbor – Chart 14847

On **July 1, 2023**, between the hours of 0700 and 0900 the Craig Memorial Bridge at Mile 3.30 over the Maumee River will be secured to masted navigation in conjunction with the River Run 10K event. Vessels able to pass under the bridge without an opening may do so at any time.

[10/23]

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 masted navigation. Vessels able to pass under the bridge without an opening may do so at any time. Two 20-foot by 10-foot barges will be used under the bridge against the piers of the bridge.

[18/22] [39/22] [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]

ST. CLAIR RIVER – MI – Port Huron – Chart 14852

From March 28 through **April 7, 2023**, between the hours of 0600 and 1800 daily, a 32-foot by 17-foot Barge will be used at the CSX Railroad Bridge at mile 0.09 over the Black River. The barge will monitor VHF-FM Marine Channel 16 and will move if a 30-minute advance notice is provided directly to the barge.

[13/23]

LAKE HURON

LAKE HURON - 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 masted 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 snoopers 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]

LAKE HURON - MI – Cheboygan River – Chart 14886

From March 31, 2023, through **July 31, 2023**, Between the hours of 2300 and 0700, daily no drawtender is required to be at the US 23 Highway Bridge, mile 0.9, over the Cheboygan River, part of the Inland Route and the bridge need not open unless a request to open the draw is given at least 2-hours in advance of a vessels intended time of passage through the draw. Mariners should call 231-627-5436 to provide advance notice.

[10/23]

LAKE HURON - MI – Saginaw River – Chart 14867

From March 29 through **April 30, 2023**, between the hours of 0700 and 1900 daily a 26-foot by 8-foot barge will be working in the left draw of the Lake Shore Railroad Bridge at mile 3.10 over the Saginaw River. The barge will monitor VHF-FM Marine Channel 16 and will move if a 1-hour advance notice is provided directly to the barge.

[13/23]

LAKE HURON - MI – Saginaw River – Chart 14867

On **May 13, 2023**, from 1300 to 1530 the Twin Cities Bicentennial Bridge at Mile 1.30, over the Saint Joseph River will be secured to masted navigation in conjunction with the Floral Parade. Vessels able to pass under the bridge without an opening may do so at any time.

[13/23]

STRAITS OF MACKINAC, SAINT MARY'S RIVER AND FALLS

LAKE MICHIGAN – EAST

LAKE MICHIGAN – MI – Grand Haven – Chart 14933

From November 1, 2022, through **April 30, 2023**, the U.S. Route 31 Bridge at Mile 2.89 over the Grand River will be secured to masted navigation. From May 1, 2023, through May 26, 2023, one leaf of the bridge will be secured to masted navigation and the other leaf will operate normally.

[42/20]

LAKE MICHIGAN – MI – Grand Haven – Chart 14933

From August 15, 2022, through **April 30, 2023**, two 60-feet by 40-feet 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-feet by 40-feet barges will be used to install a new submarine cable starting in November of 2022.

[30/22]

*****REVISED*****

LAKE MICHIGAN – MI – Charlevoix Harbor – Chart 14942

From 0700 on January 1, 2024, through 0700 on **March 31, 2024** the US 31 Bridge Street Bridge, over the Pine River will be secured to masted navigation. Vessels able to pass under the bridge without an opening may do so at any time.

[32/22] [33/22]

LAKE MICHIGAN – MICHIGAN CITY & INDIANA HARBOR & GARY HARBOR

LAKE MICHIGAN – IN – Michigan City – Chart 14926

From January 17, 2023, through **March 31, 2023**, the Franklin Street Bridge at Mile 0.50 over Trail Creek will be secured to masted navigation. Vessels able to pass under the bridge without an opening may do so at any time.

[44/22]

LAKE MICHIGAN – CALUMET RIVER & LITTLE CALUMET RIVER

LAKE MICHIGAN – IL – Calumet Harbor – Chart 14927

From February 21 through **July 24, 2023**, between the hours of 0700 and 1600 Monday through Friday the 100th Street Bridge at Mile 1.78, over the Calumet River will require a 1-hour advance notice for two leaf openings. Mariners should provide advance notice directly to the drawtender on VHF-FM Marine Channel 16.

[11/23]

LAKE MICHIGAN – IL – Calumet Harbor – Chart 14927

On March 30 and **April 3, 2023**, between the hours of 0700 and 1700 inspectors will utilize a 30-foot Harcon Vessel under the 106th Street Bridge, mile 2.58 (CORPS MILE 330.6) over the Calumet River. The Harcon will monitor VHF-FM Marine Channel 16 and move if a 15-minute advance notice is provided directly to the Harcon.

[13/23]

LAKE MICHIGAN – IL – Calumet Harbor – Chart 14927

The Coast Guard has received a report that the lights on the Union Pacific Railroad Bridge at Mile 10.53 over the Little Calumet River are extinguished.

[12/23]

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 March 13, 2023, through **May 12, 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.

[10/23]

*****REVISED*****

LAKE MICHIGAN – IL – Chicago Harbor – Chart 14927

From December 20, 2022, through **March 31, 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] [10/23]

LAKE MICHIGAN – IL – Chicago Harbor – Chart 14927

From March 4 through **April 3, 2023**, between the hours of 0700 and 1730 daily a 120-foot by 40-foot barge will be working under the Michigan Street Bridge at Mile 0.85 (CORPS MILE 326.3) over the Main Branch of the Chicago River. The barge will monitor VHF-FM Marine Channel 16 and move to accommodate vessel traffic if a 1-hour advance notice is provided.

[10/23]

LAKE MICHIGAN – IL – Chicago Harbor – Chart 14927

On April 1 and again on **April 8, 2023**, between the hours of 0700 to 1800 on both days the Amtrak Railroad Bridge at Mile 3.44 (CORPS MILE 323.5) over the South Branch of the Chicago 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.

[11/23]

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 – 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 masted navigation and scaffolding that hangs approximately 4-feet below low steel will be installed under the bridge. Vessels that can safely pass under the bridge without an opening may do so at any time.

[43/22]

LAKE MICHIGAN – WI – Marinette Harbor – Chart 14917

On **April 24, 2023**, between the hours of 0700 and 1500, inspectors will be using snoopers under the Ogden Street Bridge at Mile 0.7 over the Menomonee River. Spotters will warn of approaching vessels and move the manlift to allow vessels to pass. The bridges will require a 15-minute advance notice for openings. Advance notice should be provided directly to the drawtender.

[10/23]

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

*****REVISED*****

LAKE MICHIGAN – WI – Fox River – Chart 14972

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

[11/22] [11/23]

*****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 4th 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 April 11 through **April 13, 2023**, between the hours of 0600 and 1600, inspectors will be using snooper vehicles under the Tillman Memorial Bridge at Mile 2.27 and the Bart Star Bridge at Mile 1.81, over the Fox River. Spotters will warn of approaching vessels and move the manlift to allow vessels to pass. The bridges will require a 15-minute advance notice for openings. Advance notice should be provided directly to the drawtender.

[10/23]

LAKE MICHIGAN – WI – Fox River – Chart 14972

From April 17 through **April 20, 2023**, between the hours of 0800 and 1500, inspectors will be using snooper vehicles under all highway bridges from mile 37.52 to mile 58.01 over the Fox River. Spotters will warn of approaching vessels and move the manlift to allow vessels to pass.

[10/23]

*******REVISED*******

LAKE MICHIGAN – WI – Sturgeon Bay – Chart 14919

From April 25 through **May 5, 2023**, between the hours of 0700 to 1700, Monday through Friday, inspectors will be using snooper vehicles under the Bayview Bridge at Mile 3, the Maple-Oregon Bridge at Mile 4.17, and the Michigan Avenue Bridge, over the Sturgeon Bay Ship Canal. Spotters will warn of approaching vessels and move the manlift to allow vessels to pass. The bridges will require a 1-hour advance notice for openings. Advance notice should be provided directly to the drawtender by calling 920-746-0187.

[10/23] [11/23]

LAKE MICHIGAN – WI – Fox River – Chart 14972

On April 5 and **April 6, 2023**, between the hours of 0900 and 1400 inspectors will use snooper vehicles under the Tower Drive / Leo Frigo Bridge at Mile 0.41 over the Fox River. Spotters will warn of approaching vessels and move the manlift to allow vessels to pass.

[11/23]

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

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

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

DATE: _____

NOTE: Reports of Delay will be processed only when all items are fully addressed and reports submitted within 15 days of reported delay / difficulty. Attach additional sheets if necessary.

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

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

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	Rscott@clevelandohio.gov	
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

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14924	Milwaukee	All City Owned	1.28	Milwaukee	2-Nov	15-Apr	12-Hours	VHF-FM 16	414-286-2575	VHF-174-1411	
14924	Milwaukee	Canadian Pac	1.05	Menominee	2-Nov	16-Apr	12-Hours	414-389-3772	414-278-1385	414-184-1411	
14924	Milwaukee	Canadian Pac	1.67	Kinnickinnic	2-Nov	16-Apr	12-Hours	414-389-3772	414-278-1385	414-184-1411	
14924	Milwaukee	All City Owned	1.08	Menominee	2-Nov	16-Apr	12-Hours	VHF-FM 16	414-286-2575	VHF-174-1411	
14924	Milwaukee	All City Owned	1.96	Burnham	2-Nov	16-Apr	12-Hours	VHF-FM 16	414-286-2575	VHF-174-1411	
14924	Milwaukee	All City Owned	1.67	Kinnickinnic	2-Nov	16-Apr	12-Hours	VHF-FM 16	414-286-2575	VHF-174-1411	
14925	Racine	Main	.31/.5	Root River	1-Dec	1-Apr	2-Hours	262-636-9219	262-886-2300	262-104-	
14925	Racine	State	0.53	Root River	16-Oct	30-Apr	2-Hours	262-636-9219	262-886-2300	262-304-0403	
14926	Michigan City	Franklin St	0.5	Trail Creek	1-Dec	15-Mar	12-hours	219-362-6205	219-326-7700	219-104-0401	
									ext. 2921		
14926	Michigan City	Amtrak RR	0.9	Trail Creek	1-Dec	15-Mar	12-hours	517-581-3340	269-687-2205	312-656-9111	269-985-3680
14927	Chicago	All City Owned		Chicago	1-Dec	31-Mar	48- hours*	312-744-4200	312-747-2470	312-744-4280	
14929	Indiana Harbor	Indianapolis	2.59	Ind Hbr C.	1-Jan	31-Dec	12-hours	317-899-8690, Option 1			
14930	St. Joe	CSX RR	0.67	St. Joe	16-Dec	28-Feb	12-hours	260-409-4420			
14930	St. Joe	Blossomland	0.9	St. Joe	16-Dec	28-Feb	12-hours	231-884-5211			
14930	St. Joe	Bicentennial	1.3	St. Joe	16-Dec	28-Feb	12-hours	231-884-5211			
14933	Grand Haven	CSX RR	2.8	Grand River	2-Dec	15-Mar	12-hours	260-409-4420			
14933	Grand Haven	US 31	2.9	Grand River	15-Dec	15-Mar	12-hours	SEE LNM	SEE LNM	SEE 1N4-2421	
14938	Manistee	Maple St	1.1	Manistee	1-Nov	30-Apr	24-hours	231-723-6241			
14938	Manistee	US 31	1.4	Manistee	1-Nov	30-Apr	24-hours	231-723-6241			
14938	Manistee	CSX RR	1.5	Manistee	1-Nov	30-Apr	24-hours	231-723-6241	616-293-0564	231-364-1413	
14942	Charlevoix	Bridge Street	0.3	Pine River	1-Jan	31-Mar	12-hours	231-342-8713	231-357-2377	231-374-0403	
14972	Keweenaw	US 41	16	Keweenaw	14-Dec	14-Apr	12-hours	906-482-7552			
14975	Duluth	Aerial	0.25	Ship Canal	1-Jan	15-Mar	12-hours	218-723-3387	218-343-0395	218-194-0401	
14975	Duluth	BNSF\Grassy PT	5.44	St. Louis	15-Dec	15-Mar	12-hours	715-394-1259	715-394-1257	715-154-5451	
14998	Rainer	Canadian Natl	85	Rainy River	16-Oct	30-Apr	12-hours	708-332-3002 *****	708-332-3160 Hours not	312-533-7011 requested	

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

Waterway Analysis and Management System Survey

Name of Waterway: _____

User Information

___ Commercial User

___ Recreational User

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

Number of transits in the waterway per year: _____

Number of night transits of waterway: _____

Seasonal Dates: Start: _____ End: _____

Name of Vessel: _____

Vessel Description: _____

Length: _____ Beam: _____ Draft: _____ Gross Tons: _____

Net Tons: _____ Bridge Height of Eye: _____

Cargo Carried: _____

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

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

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

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

Are the year round and lighted ice buoys adequate: _____

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

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

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

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

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

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

Any addition comments on this waterway: _____

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