



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

LOCAL NOTICE TO MARINERS

District: 9

Week: 51/22

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

Direct questions about this LNM to the above address.

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

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

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

** Navigation Information Service watchstander, 24 hours a day at (703) 313-5900 ** **Internet Address** <https://www.navcen.uscg.gov/>
Light List Reference: Commandant Publication P16502.7, VOL VII, 2022 Edition

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

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

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

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

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

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

Sector Buffalo, NY - B184-22 through B186-22

Ninth District - C186-22 through C190-22

Sector Detroit, MI - D103-22 through D103-22

Sector Lake Michigan, WI - M337-22 through M341-22

Sector Sault Ste Marie, MI - S151-22 through S152-22

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

NIS also disseminates Safety Broadcasts (BNM), Local Notice to Mariners (LNM), and the latest Notice Advisory to Navstar Users (NANU). NANU notices can be obtained via email subscription through the USCG Navigation Center website: <https://ccls.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
FI - Flashing
G - Green
GIWW - Gulf Intracoastal Waterway
HAZ - Hazard to Navigation
HBR - Harbor
HOR - Horizontal Clearance
HT - Height

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

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

Additional Abbreviations Specific to this LNM Edition:

LIB - Lighted Ice Buoy

SECTION I - SPECIAL NOTICES

This section contains information of special concern to the Mariner.

Cancellation of NOAA Paper and Raster Nautical Charts

The National Oceanic and Atmospheric Administration (NOAA) is undertaking a multi-year program to end production and maintenance of its suite of over 1,000 traditional paper nautical charts and all associated raster chart products and services, including: Print-on-Demand (POD) paper nautical charts, Full-size chart PDF files, BookletChart™ PDF files, NOAA raster navigational charts (NOAA RNC®), the NOAA RNC tile service, and the online RNC viewer.

Six months notice of the intent to cancel a specific chart is provided in a "Last Edition" notice. The final cancellation of a chart is made in a "Canceled" notice. Both types of notices will appear in LNM Section IV, "Chart Correction." A comprehensive list of all canceled NOAA charts is available at: <http://www.charts.noaa.gov/MCD/Dole.shtml>.

Traditional paper nautical chart production is ending to enable the creation and maintenance of larger scale, more up-to-date, higher quality coverage of NOAA's electronic navigational chart (NOAA ENC®) product. This will significantly enhance the amount of charted detail available to mariners. More information about NOAA's program to sunset traditional paper charts is on the NOAA Coast Survey website at: <https://nauticalcharts.noaa.gov/charts/farewell-to-traditional-nautical-charts.html>

An online NOAA Custom Chart application at: <https://devgis.charttools.noaa.gov/pod> is available to create chart images from ENC data, which may then be printed. Notices to Mariners will not be issued for NOAA Custom Charts.

LNM: 04/20

SAFETY NOTICE - NAVIGATIONAL RANGE AND SECTOR LIGHTS ON ELECTRONIC CHARTS

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

LNM: 39/22

USACE NOTICE TO NAVIGATION INTERESTS

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

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

LNM: 28/12

GREAT LAKES - Great Lakes Water Levels

See Enclosure 1

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

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

LNM: 32/20

2022-2023 Icebreaking Operations

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

LNM: 42/22

Operation Taconite Commenced

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

Lake Erie – NY - Barcelona Harbor – Chart 14823

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

Barcelona Harbor East Breakwater Light (LLNR 3480)
Barcelona Harbor West Breakwater Light (LLNR 3485)

LNM: 23/22

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

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

LNM: 48/22

ST. MARYS RIVER - AMERICAN CANAL - CHART 14884

Northeast Pierhead Light (LLNR 14205) The U. S. Army Corps of Engineers will be relocating this light to the top of their new camera tower. As soon as the position and height of the light's new location is confirmed it will be advertised in Section VIII - Light List Corrections of the LNM.

LNM: 10/21

LAKE MICHIGAN – 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 – Illinois River – Chart 14901

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

LNM: 49/22

LAKE MICHIGAN – New Buffalo Harbor - Chart 14905

Shoaling has been reported near the middle of the channel immediately inside the break wall in New Buffalo Harbor, MI. The actual water depth is currently significantly below the charted depth. Mariners are urged to use caution when transiting the area. For further details, contact Sector Lake Michigan at (414) 747-7182 or VHF channel 16.

LNM: 15/22

LAKE MICHIGAN - WAUGOSHANCE POINT TO SEUL CHOIX POINT - CHART 14911

The abandoned Waugoshance Lighthouse located in approximate position 45-47-20N / 085-05-28W has become structurally unsafe. Landing and embarking on the light should not be attempted because of failing structural condition and it's in danger of collapsing. Mariners are advised to remain at least 300' from the structure at all times.

LNM: 45/20

LAKE MICHIGAN - Sheboygan River - Chart 14922

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

LNM: 24/22

LAKE MICHIGAN -St. Joseph River - Chart 14930

Shoaling has been reported near the entrance channel of the St. Joseph River approximately 500 ft west of the North Pierhead Light (LLNR 19515. The actual water depth may be several feet less than the charted depth. Mariners are urged to use caution when transiting the area. For further details, contact Sector Lake Michigan at (414) 747-7182 or VHF channel 16.

LNM: 43/22

LAKE MICHIGAN - Muskegon Harbor - Chart 14934

Shoaling has been reported in entrance of Muskegon Harbor. The actual water depth is currently significantly below the charted depth. Mariners are urged to use caution when transiting the area. For further details, contact Sector Lake Michigan at (414) 747-7182 or VHF channel 16.

LNM: 24/22

LAKE SUPERIOR - Little Lake Harbor - Chart 14961

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

LNM: 47/22

SECTION II - DISCREPANCIES

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

DISCREPANCIES (FEDERAL AIDS)

LLNR	Aid Name	Status	Chart No.	BNM Ref.	LNM St	LNM End
285	St. Lawrence Seaway Light 47	LT IMCH		B183-22	50/22	
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	
4665	Sandusky Straight Channel Buoy 15	LT IMCH	14845	D066-22	34/22	
6030	Toledo Harbor Light	LT EXT	14847	D103-22	50/22	
8410	Peche Island Range Rear Light	DAYMK IMCH	14853	D084-22	37/22	
9735	Russell Island Light 33	LT EXT	14853	D101-22	49/22	
13475	West Neebish Channel (Downbound) Upper Range Rear Light	DAYMK MISSING	14887	S113-21	51/21	
13515	West Neebish Channel (Downbound) Oak Ridge Range Front Light	DAYMK MISSING	14887		50/22	
13520	West Neebish Channel (Downbound) Oak Ridge Range Rear Light	LT EXT	14887	S153-22	51/22	
13685	West Neebish Channel (Downbound) Lighted Buoy 15	OFF STA	14887		33/22	
14050	Six Mile Point Range Rear Light	DAYMK MISSING	14883	S016-21	10/21	
15115	Keweenaw Upper Entrance West Breakwater Light	LT EXT	14972	S142-22	47/22	
17210	Canoe Channel Daybeacon 8	STRUCT DEST/TRUB			23/22	
17550	Kabetogama Lake Warning Daybeacon	STRUCT DEST		S114-22	34/22	

18965	Grand Haven South Pierhead Entrance Light	REDUCED INT/SS INOP	14933	M322-22	48/22
21275	Rowley Bay Buoy 2	MISSING	14909	M111-22	21/22
21455	Gravelly Island Shoal Buoy 4	MISSING	14909	M110-22	21/22
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
4720	Sandusky Bay Exit Channel Buoy 8	WATCHING PROPERLY	14845		50/22	51/22
4745	Sandusky Bay Exit Channel Lighted Buoy 5	WATCHING PROPERLY	14845		50/22	51/22
12995	Hay Point Range Front Light (C)	Correction Status Unreported	14882		50/22	51/22
19295	Holland Harbor South Pierhead Light	WATCHING PROPERLY	14932		43/22	51/22
19820	Calumet Harbor Buoy 5	WATCHING PROPERLY	14926		45/22	51/22

DISCREPANCIES (PRIVATE AIDS)

LLNR	Aid Name	Status	Chart No.	BNM Ref.	LNM St	LNM End
2397	Olcott Harbor Detached Breakwater West Light	LT EXT	14800		32/22	
4240	Cuyahoga River Abutment Light	LT EXT	14839		27/22	
4300	Sheffield Lake Light 1	LT IMCH	14826		27/22	
4301	Sheffield Lake Light 2	LT IMCH	14826	B186-22	51/22	
4385	U.S. Steel Corporation Mooring Cell Light	LT EXT	14841		27/22	
12610	St Ignace Marina Northeast Breakwall Light	LT EXT	14881		18/22	
19605	Gary Bulkhead Light	LT EXT	14926	M167-22	27/22	
21798	Yacht Works Marina Breakwater Light 1	LT EXT	14909		35/22	

DISCREPANCIES (PRIVATE AIDS) CORRECTED

LLNR	Aid Name	Status	Chart No.	BNM Ref.	LNM St	LNM End
1473	Rock Island Light	N/A	14773		46/22	51/22
2396	Olcott Harbor Detached Breakwater East Light	WATCHING PROPERLY	14800		32/22	51/22
2740	Buffalo River Light 5	N/A	14833		27/22	51/22
2790	State Breakwater Light 2	N/A	14833		27/22	51/22
4030	Cleveland Waterworks Intake Crib Light	N/A	14826		22/22	51/22
4104	Bkl Regulated Navigation Area Light	N/A	14839		25/22	51/22
14696	Presque Isle Weather Wave Buoy 1	N/A	14970		43/22	51/22
19636	Buffington Harbor Inner Breakwater East Light 2	WATCHING PROPERLY	14926		30/21	51/22
20500	Racine Harbor Light 5	N/A	14925		35/22	51/22

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 51/22

ChartTitle: 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>.

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14770 17th Ed. 01-OCT-04 Last LNM: 13/99 NAD 83 51/22

ChartTitle: Morristown, N.Y. to Butternut, Ont.

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

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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>.

14771 17th Ed. 01-MAY-04 Last LNM: 39/08 NAD 83 51/22

ChartTitle: 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

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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>.

14772 18th Ed. 01-DEC-05 Last LNM: 30/08 NAD 83 51/22

ChartTitle: 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

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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 51/22

ChartTitle: Gananoque, Ont., to St. Lawrence Park. N.Y.

Main Panel 1021 ST LAWRENCE RIVER GANANOQUE, ONT. TO ST. LAWRENCE PARK, N.Y.. Page/Side: N/A

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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 51/22

ChartTitle: Round I., N.Y., and Gananoque, Ont., to Wolfe I., Ont.

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

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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 51/22

ChartTitle: Oneida Lake - Lock 22 to Lock 23

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

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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 51/22

ChartTitle: Cayuga and Seneca Lakes;Watkins Glen;Ithaca**Main Panel 1108 NEW YORK STATE BARGE CANAL SYSTEM CAYUGA AND SENECA LAKES. Page/Side: A**

LAST EDITION No new editions of chart 14791 will be published. It will be canceled on 31-May-23. Comparable or larger scale Electronic Navigational Chart (ENC) coverage is available. See "Cancellation of NOAA Paper and Raster Nautical Charts" in Section I of this LNM for details. A list of all canceled NOAA charts is at <https://www.charts.noaa.gov/MCD/Dole.shtml>.

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14802 31st Ed. 01-OCT-05 Last LNM: 40/21 NAD 83 51/22

ChartTitle: Clayton to False Ducks Is.**Main Panel 1113 LAKE ONTARIO . Page/Side: N/A**

LAST EDITION No new editions of chart 14802 will be published. It will be canceled on 03-May-23. Comparable or larger scale Electronic Navigational Chart (ENC) coverage is available. See "Cancellation of NOAA Paper and Raster Nautical Charts" in Section I of this LNM for details. A list of all canceled NOAA charts is at <https://www.charts.noaa.gov/MCD/Dole.shtml>.

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14803 28th Ed. 01-FEB-15 Last LNM: 07/15 NAD 83 51/22

ChartTitle: Six Miles south of Stony Point to Port Bay;North Pond;Little Sodus Bay**Main Panel 1114 SIX MILES SOUTH OF STONY POINT TO PORT BAY. Page/Side: A**

LAST EDITION No new editions of chart 14803 will be published. It will be canceled on 05-Apr-23. Comparable or larger scale Electronic Navigational Chart (ENC) coverage is available. See "Cancellation of NOAA Paper and Raster Nautical Charts" in Section I of this LNM for details. A list of all canceled NOAA charts is at <https://www.charts.noaa.gov/MCD/Dole.shtml>.

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14804 25th Ed. 01-MAR-14 Last LNM: 42/21 NAD 83 51/22

ChartTitle: Port Bay to Long Pond;Port Bay Harbor;Irondequoit Bay**Main Panel 1117 PORT BAY TO LONG POND NEW YORK. Page/Side: N/A**

LAST EDITION No new editions of chart 14804 will be published. It will be canceled on 03-May-23. Comparable or larger scale Electronic Navigational Chart (ENC) coverage is available. See "Cancellation of NOAA Paper and Raster Nautical Charts" in Section I of this LNM for details. A list of all canceled NOAA charts is at <https://www.charts.noaa.gov/MCD/Dole.shtml>.

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14805 25th Ed. 01-MAR-14 Last LNM: 39/11 NAD 83 51/22

ChartTitle: Long Pond to Thirtymile Point;Point Breeze Harbor**Main Panel 1119 LONG POND TO THIRTYMILE POINT NEW YORK. Page/Side: N/A**

LAST EDITION No new editions of chart 14805 will be published. It will be canceled on 05-Apr-23. Comparable or larger scale Electronic Navigational Chart (ENC) coverage is available. See "Cancellation of NOAA Paper and Raster Nautical Charts" in Section I of this LNM for details. A list of all canceled NOAA charts is at <https://www.charts.noaa.gov/MCD/Dole.shtml>.

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14806 24th Ed. 01-OCT-04 Last LNM: 16/17 NAD 83 51/22

ChartTitle: Thirtymile Point, N.Y., to Port Dalhousie, Ont.**Main Panel 1121 THIRTY MILE PT NEW YORK TO PORT DALHOUSIE ONT. Page/Side: N/A**

NOS

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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 51/22

ChartTitle: Chaumont, Henderson and Black River Bays;Sackets Harbor;Henderson Harbor;Chaumont Harbor**Main Panel 1124 CHAUMONT HENDERSON AND BLACK RIVER BAYS NEW YORK. Page/Side: A**

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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 51/22

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

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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	51/22
<i>ChartTitle: Sodus Bay</i>					
	Main Panel 1129 SODUS BAY LAKE ONTARIO NEW YORK. Page/Side: N/A				
LAST EDITION	No new editions of chart 14814 will be published. It will be canceled on 05-Apr-23. Comparable or larger scale Electronic Navigational Chart (ENC) coverage is available. See "Cancellation of NOAA Paper and Raster Nautical Charts" in Section I of this LNM for details. A list of all canceled NOAA charts is at https://www.charts.noaa.gov/MCD/Dole.shtml .			NOS	
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14815	24th Ed.	01-DEC-13	Last LNM: 30/14	NAD 83	51/22
<i>ChartTitle: Rochester Harbor, including Genesee 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				
LAST EDITION	No new editions of chart 14815 will be published. It will be canceled on 03-May-23. Comparable or larger scale Electronic Navigational Chart (ENC) coverage is available. See "Cancellation of NOAA Paper and Raster Nautical Charts" in Section I of this LNM for details. A list of all canceled NOAA charts is at https://www.charts.noaa.gov/MCD/Dole.shtml .			NOS	
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14816	24th Ed.	01-FEB-04	Last LNM: 33/13	NAD 83	51/22
<i>ChartTitle: Lower Niagara River</i>					
	Main Panel 1132 LOWER NIAGARA RIVER. Page/Side: N/A				
LAST EDITION	No new editions of chart 14816 will be published. It will be canceled on 03-May-23. Comparable or larger scale Electronic Navigational Chart (ENC) coverage is available. See "Cancellation of NOAA Paper and Raster Nautical Charts" in Section I of this LNM for details. A list of all canceled NOAA charts is at https://www.charts.noaa.gov/MCD/Dole.shtml .			NOS	
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14820	22nd Ed.	01-MAY-20	Last LNM: 48/19	NAD 83	51/22
<i>ChartTitle: Lake Erie</i>					
	Main Panel 1134 LAKE ERIE - -. Page/Side: -				
ADD	Sounding in Meters; 9.7 (NOS NW-31346)			NOS	
			42-10-53.489N		080-03-30.650W
14822	32nd Ed.	01-AUG-05	Last LNM: 12/17	NAD 83	51/22
<i>ChartTitle: Approaches to Nigara 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	
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14823	31st Ed.	01-DEC-12	Last LNM: 12/17	NAD 83	51/22
<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	
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14824	26th Ed.	01-OCT-03	Last LNM: 37/17	NAD 83	51/22
<i>ChartTitle: Sixteenmile Creek to Conneaut;Conneaut Harbor</i>					
	Main Panel 1142 SIXTEEN MILE CREEK TO CONNEAUT. Page/Side: N/A				
ADD	Sounding in Feet; 32 (NOS NW-31346)			NOS	
			42-10-53.489N		080-03-30.650W
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			NOS	
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"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>.

14825	25th Ed.	01-JAN-06	Last LNM: 37/17	NAD 83	51/22
<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	51/22
<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	--	--	--
14828	7th Ed.	01-JUN-16	Last LNM: 49/11	NAD 83	51/22
<i>ChartTitle: Erie to Geneva</i>					
Main Panel 1364 ERIE TO GENEVA. Page/Side: A					
ADD	Sounding in Meters; 9.7 (NOS NW-31346)	NOS	42-10-53.489N	080-03-30.650W	
14832	35th Ed.	01-MAR-13	Last LNM: 12/17	NAD 83	51/22
<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 (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	--	--	--
14833	27th Ed.	01-DEC-12	Last LNM: 12/17	NAD 83	51/22
<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	--	--	--
14835	33rd Ed.	01-OCT-12	Last LNM: 08/16	NAD 83	51/22
<i>ChartTitle: Erie Harbor</i>					
Main Panel 1158 ERIE HARBOR. Page/Side: N/A					
ADD	Sounding in Feet; 32 (NOS NW-31346)	NOS	42-10-53.489N	080-03-30.650W	
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	--	--	--
14836	28th Ed.	01-NOV-13	Last LNM: 37/17	NAD 83	51/22
<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	--	--	--

14837	29th Ed.	01-OCT-13	Last LNM: 43/16	NAD 83	51/22
<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	--	--
14838 4th Ed. 01-APR-05 Last LNM: 43/14 NAD 83 51/22					
<i>ChartTitle: Buffalo to Erie;Dunkirk;Barcelone Harbor</i>					
Main Panel 1139 BUFFALO TO ERIE. Page/Side: N/A					
ADD	Sounding in Feet; 32 (NOS NW-31346)	NOS	42-10-53.489N	080-03-30.650W	
14839 38th Ed. 01-MAY-15 Last LNM: 19/21 NAD 83 51/22					
<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	--	--	--
14841 30th Ed. 01-MAY-15 Last LNM: 37/17 NAD 83 51/22					
<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	--	--	--
14843 24th Ed. 01-OCT-13 Last LNM: 02/16 NAD 83 51/22					
<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 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	--	--	--
14845 28th Ed. 01-MAR-14 Last LNM: 27/18 NAD 83 51/22					
<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	--	--	--
14854 16th Ed. 01-NOV-18 Last LNM: 04/17 NAD 83 51/22					
<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	--	--	--
14864 28th Ed. 01-NOV-13 Last LNM: 39/21 NAD 83 51/22					
<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					
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	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>.

14867	27th Ed.	01-FEB-13	Last LNM: 43/21	NAD 83	51/22
<i>ChartTitle: Saginaw River</i>					
Main Panel 1327 SAGINAW RIVER MICHIGAN. Page/Side: N/A					
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 .	NOS	--	--	--
14869	27th Ed.	01-NOV-13	Last LNM: 47/13	NAD 83	51/22
<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					
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 .	NOS	--	--	--
14881	36th Ed.	01-NOV-19	Last LNM: 48/19	NAD 83	51/22
<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: -					
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 .	NOS	--	--	--
14882	36th Ed.	01-JAN-14	Last LNM: 50/21	NAD 83	51/22
<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					
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 .	NOS	--	--	--
14883	44th Ed.	01-JAN-14	Last LNM: 49/21	NAD 83	51/22
<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					
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 .	NOS	--	--	--
14884	40th Ed.	01-JAN-14	Last LNM: 48/19	NAD 83	51/22
<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					
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 .	NOS	--	--	--
14885	22nd Ed.	01-JUN-14	Last LNM: 19/20	NAD 83	51/22
<i>ChartTitle: Les Cheneaux Islands</i>					
Main Panel 1345 LES CHENEAUX ISLANDS MICHIGAN. Page/Side: A					
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	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>.

14886	13th Ed.	01-SEP-17	Last LNM: 26/13	NAD 83	51/22
<i>ChartTitle: SMALL-CRAFT BOOK CHART - Inland Route, Cheboygan to Conway (book of 12 Charts)</i>					
Main Panel 1346 INLAND ROUTE MICHIGAN - -. Page/Side: -					
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 .	NOS	--	--	--
14887	1st Ed.	01-DEC-13	Last LNM: 49/21	NAD 83	51/22
<i>ChartTitle: St Marys River - Vicinity of Neebish Island</i>					
Main Panel 1360 St Marys River - Vicinity of Neebish Island. Page/Side: N/A					
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 .	NOS	--	--	--
14907	29th Ed.	01-SEP-17	Last LNM: 25/21	NAD 83	51/22
<i>ChartTitle: Stony Lake to Point Betsie;Pentwater;Arcadia;Frankfort</i>					
Main Panel 1379 LAKE MICHIGAN STONY LAKE TO POINT BETSIE - -. Page/Side: -					
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 .	NOS	--	--	--
14908	19th Ed.	01-JAN-16	Last LNM: 08/17	NAD 83	51/22
<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	51/22
<i>ChartTitle: Upper Green Bay - Jackson Harbor and Detroit Harbor;Detroit Harbor;Jackson Harbor;Baileys Harbor</i>					
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	51/22
<i>ChartTitle: Lower Green Bay;Oconto Harbor;Algoma</i>					
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	51/22
<i>ChartTitle: Waugoshance Point to Seul Choix Point, including Beaver Island Group;Port Inland;Beaver Harbor</i>					
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	NOS	--	--	--

14912	18th Ed.	01-JAN-16	Last LNM: 47/21	NAD 83		51/22
<i>ChartTitle: Platte Bay to Leland;Leland;South Manitou Harbor</i>						
Main Panel 1394 LK MICH PLATTE BAY-LELAND MICH. Page/Side: A						
LAST EDITION	No new editions of chart 14912 will be published. It will be canceled on 05-Apr-23. Comparable or larger scale Electronic Navigational Chart (ENC) coverage is available. See "Cancellation of NOAA Paper and Raster Nautical Charts" in Section I of this LNM for details. A list of all canceled NOAA charts is at https://www.charts.noaa.gov/MCD/Dole.shtml .	NOS	--	--	--	
14913	20th Ed.	01-JAN-16	Last LNM: 03/16	NAD 83		51/22
<i>ChartTitle: Grand Traverse Bay to Little Traverse Bay;Harobr Springs;Petoskey;Elk Rapids;Suttons Bay;Northport;Traverse City</i>						
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		51/22
<i>ChartTitle: Little Bay de Noc</i>						
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		51/22
<i>ChartTitle: SMALL-CRAFT BOOK CHART - Lake Winnebago and Lower Fox River (book of 34 charts)</i>						
Main Panel 1405 LAKE WINNEBAGO & FOX RIV PG 2. Page/Side: _02						
LAST EDITION	No new editions of chart 14916 will be published. It will be canceled on 03-May-23. Comparable or larger scale Electronic Navigational Chart (ENC) coverage is available. See "Cancellation of NOAA Paper and Raster Nautical Charts" in Section I of this LNM for details. A list of all canceled NOAA charts is at https://www.charts.noaa.gov/MCD/Dole.shtml .	NOS	--	--	--	
14917	25th Ed.	01-SEP-12	Last LNM: 15/15	NAD 83		51/22
<i>ChartTitle: Menominee and Marinette Harbors</i>						
Main Panel 1441 MENOMINEE AND MARINETTE HARBORS. Page/Side: N/A						
LAST EDITION	No new editions of chart 14917 will be published. It will be canceled on 05-Apr-23. Comparable or larger scale Electronic Navigational Chart (ENC) coverage is available. See "Cancellation of NOAA Paper and Raster Nautical Charts" in Section I of this LNM for details. A list of all canceled NOAA charts is at https://www.charts.noaa.gov/MCD/Dole.shtml .	NOS	--	--	--	
14918	28th Ed.	01-DEC-15	Last LNM: 23/18	NAD 83		51/22
<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						
LAST EDITION	No new editions of chart 14918 will be published. It will be canceled on 03-May-23. Comparable or larger scale Electronic Navigational Chart (ENC) coverage is available. See "Cancellation of NOAA Paper and Raster Nautical Charts" in Section I of this LNM for details. A list of all canceled NOAA charts is at https://www.charts.noaa.gov/MCD/Dole.shtml .	NOS	--	--	--	
14919	29th Ed.	01-DEC-15	Last LNM: 40/21	NAD 83		51/22
<i>ChartTitle: Sturgeon Bay and Canal;Sturgeon Bay</i>						
Main Panel 1444 STURGEON BAY AND CANAL LAKE MICHIGAN. Page/Side: A						
LAST EDITION	No new editions of chart 14919 will be published. It will be canceled on 03-May-23. Comparable or larger scale Electronic Navigational Chart (ENC) coverage is available. See "Cancellation of NOAA Paper and Raster Nautical Charts" in Section I of this LNM for details. A list of all canceled NOAA charts is at https://www.charts.noaa.gov/MCD/Dole.shtml .	NOS	--	--	--	

14922 21st Ed. 01-MAY-16 Last LNM: 50/21 NAD 83 51/22

ChartTitle: Manitowoc and Sheboygan

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>.

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14924 29th Ed. 01-DEC-12 Last LNM: 21/18 NAD 83 51/22

ChartTitle: Milwaukee Harbor

Main Panel 1448 MILWAUKEE HARBOR WISCONSIN. Page/Side: N/A

NOS

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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>.

51/22

14925 24th Ed. 01-DEC-15 Last LNM: 46/21 NAD 83

ChartTitle: Racine Harbor

Main Panel 1449 RACINE HARBOR WISCONSIN. Page/Side: A

NOS

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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>.

51/22

14926 14th Ed. 01-MAY-19 Last LNM: 05/21 NAD 83

ChartTitle: SMALL-CRAFT BOOK CHART - Chicago and South Shore of Lake Michigan (book of 30 charts)

Main Panel 1450 CHICAGO AND VICINITY PAGE 2 -- Page/Side: -

NOS

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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>.

51/22

14927 27th Ed. 01-AUG-20 Last LNM: 46/21 NAD 83

ChartTitle: Chicago Lake Front; Gary Harbor

Main Panel 1482 CHICAGO LAKE FRONT -- Page/Side: -

NOS

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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>.

51/22

14928 23rd Ed. 01-SEP-11 Last LNM: 36/17 NAD 83

ChartTitle: Chicago Harbor

Main Panel 1484 CHICAGO HARBOR. Page/Side: N/A

NOS

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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>.

51/22

14929 26th Ed. 01-DEC-16 Last LNM: 05/21 NAD 83

ChartTitle: Calumet, Indiana and Buffington Harbors, and Lake Calumet

Main Panel 1485 CALUMET AND INDIANA HARBORS. Page/Side: A

NOS

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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>.

51/22

14930 26th Ed. 01-NOV-12 Last LNM: 15/15 NAD 83

ChartTitle: St. Joseph and Benton Harbor

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

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14931 25th Ed. 01-NOV-15 Last LNM: 26/14 NAD 83 51/22

ChartTitle: Grand River From Dermo Bayou To Bass River

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

NOS

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LAST EDITION No new editions of chart 14931 will be published. It will be canceled on 05-Apr-23. Comparable or larger scale Electronic Navigational Chart (ENC) coverage is available. See "Cancellation of NOAA Paper and Raster Nautical Charts" in Section I of this LNM for details. A list of all canceled NOAA charts is at <https://www.charts.noaa.gov/MCD/Dole.shtml>.

14932 24th Ed. 01-NOV-15 Last LNM: 12/15 NAD 83 51/22

ChartTitle: Holland Harbor

Main Panel 1487 HOLLAND HARBOR . Page/Side: A

NOS

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LAST EDITION No new editions of chart 14932 will be published. It will be canceled on 05-Apr-23. Comparable or larger scale Electronic Navigational Chart (ENC) coverage is available. See "Cancellation of NOAA Paper and Raster Nautical Charts" in Section I of this LNM for details. A list of all canceled NOAA charts is at <https://www.charts.noaa.gov/MCD/Dole.shtml>.

14933 25th Ed. 01-SEP-13 Last LNM: 38/21 NAD 83 51/22

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

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

NOS

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LAST EDITION No new editions of chart 14933 will be published. It will be canceled on 03-May-23. Comparable or larger scale Electronic Navigational Chart (ENC) coverage is available. See "Cancellation of NOAA Paper and Raster Nautical Charts" in Section I of this LNM for details. A list of all canceled NOAA charts is at <https://www.charts.noaa.gov/MCD/Dole.shtml>.

14934 30th Ed. 01-DEC-15 Last LNM: 22/13 NAD 83 51/22

ChartTitle: Muskegon Lake and Muskegon Harbor

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

NOS

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LAST EDITION No new editions of chart 14934 will be published. It will be canceled on 05-Apr-23. Comparable or larger scale Electronic Navigational Chart (ENC) coverage is available. See "Cancellation of NOAA Paper and Raster Nautical Charts" in Section I of this LNM for details. A list of all canceled NOAA charts is at <https://www.charts.noaa.gov/MCD/Dole.shtml>.

14935 22nd Ed. 01-OCT-15 Last LNM: 24/15 NAD 83 51/22

ChartTitle: White Lake

Main Panel 1492 WHITE LAKE . Page/Side: A

NOS

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LAST EDITION No new editions of chart 14935 will be published. It will be canceled on 05-Apr-23. Comparable or larger scale Electronic Navigational Chart (ENC) coverage is available. See "Cancellation of NOAA Paper and Raster Nautical Charts" in Section I of this LNM for details. A list of all canceled NOAA charts is at <https://www.charts.noaa.gov/MCD/Dole.shtml>.

14937 25th Ed. 01-SEP-13 Last LNM: 43/14 NAD 83 51/22

ChartTitle: Ludington Harbor

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

NOS

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LAST EDITION No new editions of chart 14937 will be published. It will be canceled on 05-Apr-23. Comparable or larger scale Electronic Navigational Chart (ENC) coverage is available. See "Cancellation of NOAA Paper and Raster Nautical Charts" in Section I of this LNM for details. A list of all canceled NOAA charts is at <https://www.charts.noaa.gov/MCD/Dole.shtml>.

14938 25th Ed. 01-NOV-15 Last LNM: 46/14 NAD 83 51/22

ChartTitle: Manistee Harbor and Manistee Lake

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

NOS

LAST EDITION	No new editions of chart 14938 will be published. It will be canceled on 05-Apr-23. Comparable or larger scale Electronic Navigational Chart (ENC) coverage is available. See "Cancellation of NOAA Paper and Raster Nautical Charts" in Section I of this LNM for details. A list of all canceled NOAA charts is at https://www.charts.noaa.gov/MCD/Dole.shtml .	--	--	--	
14939	24th Ed.	01-OCT-15	Last LNM: 03/15	NAD 83	51/22
<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	51/22
<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	51/22
<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 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	--	--	--
14970	27th Ed.	01-AUG-14	Last LNM: 20/16	NAD 83	51/22
<i>ChartTitle: Marquette and Presque Isle Harbors</i>					
Main Panel 1527 MARQUETTE AND PRESQUE ISLE HARBORS MICHIGAN. Page/Side: A					
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 .	NOS	--	--	--
14971	22nd Ed.	01-SEP-14	Last LNM: 27/13	NAD 83	51/22
<i>ChartTitle: Keweenaw Bay;L Anse and Baraga Harbors</i>					
Main Panel 1528 KEWEENAW BAY LAKE SUPERIOR. Page/Side: A					
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 .	NOS	--	--	--
14972	27th Ed.	01-DEC-13	Last LNM: 03/15	NAD 83	51/22
<i>ChartTitle: Keweenaw Waterway, including Torch Lake;Hancock and Houghton</i>					
Main Panel 1531 KEWEENAW WATERWAY MICHIGAN INCLUDING TORCH LAKE. Page/Side: N/A					
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 .	NOS	--	--	--
14974	25th Ed.	01-FEB-14	Last LNM: 46/15	NAD 83	51/22
<i>ChartTitle: Ashland and Washburn harbors</i>					
Main Panel 1537 ASHLAND AND WASHBURN HARBORS. Page/Side: N/A					
LAST EDITION	No new editions of chart 14974 will be published. It will be canceled on	NOS	--	--	--

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

14975	37th Ed.	01-SEP-20	Last LNM: 39/21	NAD 83	51/22
ChartTitle: Duluth-Superior Harbor;Upper St. Louis River					
Main Panel 1538 DULUTH-SUPERIOR HARBOR - - Page/Side: -					
LAST EDITION	No new editions of chart 14975 will be published. It will be canceled on 03-May-23. Comparable or larger scale Electronic Navigational Chart (ENC) coverage is available. See "Cancellation of NOAA Paper and Raster Nautical Charts" in Section I of this LNM for details. A list of all canceled NOAA charts is at https://www.charts.noaa.gov/MCD/Dole.shtml .	NOS	--	--	--

SECTION V - ADVANCE NOTICES

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

SUMMARY OF ADVANCED APPROVED PROJECTS

Approved Project(s)

None

Project Date

Ref. LNM

Advance Notice(s)

LAKE SUPERIOR – DULUTH SUPERIOR HARBOR - Chart 14975

Duluth Harbor Basin Traffic Lighted Buoy (LLNR 15870) Permanently discontinue the physical aid 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

Proposed Project(s)

None

Closing

Docket No.

Ref. LNM

Proposed Change Notice(s)

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

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

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)

Waterways Analysis and Management System

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

LNM: 09/20

GREAT LAKES - Marine Events

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

LNM: 24/13

LAKE ONTARIO – NY – Little Sodus Bay – Chart 14811

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

LNM: 23/22

LAKE 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.

LAKE ERIE – OH –Cuyahoga River – Chart 14839

From 01 Nov 2022 to 15 Dec 2022 Ryba Marine Construction Co. will be conducting maintenance dredging in the Cuyahoga River. Hours of operation are 24 hours a day 7 days a week. Tug Kristin Joelle can be contacted on VHF channels 13 and 16. All mariners are requested to transit the area with caution.

LNM: 43/22

LAKE ERIE –Toledo – CHART 14847

From 13 Sep 2022 to 25 Dec 2022 Ryba Marine Construction Co. will be conducting maintenance dredging in the Fairport Harbor Toledo, OH. Hours of operation are 24 hours a day 7 days a week. Tug Kathy Lynn can be contacted on VHF channels 13 and 16. All mariners are requested to transit the area with caution.

LNM: 37/22

LAKE ERIE –Toledo – CHART 14847

From 14 Oct 2022 to 25 Dec 2022 Ryba Marine Construction Co. will be conducting maintenance dredging in the Maumee River and Bay. Hours of operation are 24 hours a day 7 days a week. Tug Kathy Lynn can be contacted on VHF channels 13 and 16. All mariners are requested to transit the area with caution.

LNM: 42/22

LAKE ERIE –East Outer – CHART 14830

From 21 Nov 2022 to 20 Jan 2023 Luedtke Engineering Co. will be conducting maintenance dredging in the East Outer, Lower Livingston Channel. Hours of operation are 24 hours a day 7 days a week. Tug Paul Luedtke can be contacted on VHF channels 10, 16 and 19. All mariners are requested to transit the area with caution.

LNM: 46/22

St. Mary's River – MI – Saint Mary's SOO Locks – Chart 14887

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

LNM: 09/21

STRAITS OF MACKINAW - Point LaBarbe to Point Emmet - Chart 14881

From 15 Apr 2022 to 31 Dec 2022 Kokosing Industrial Durocher Marine Division will be conducting backfill operations to protect new American Transmission Company 138kv submarine power cables installed in 2021. hours of operation are 24 hours a day 7 days a week. Tugs Valerie B, Nancy Anne, Champion, General, Barges Kokosing I, Kokosing III, Kokosing IV, D-2002, D-2006, crew boat Timmy V and 24' work boat will be on scene and monitoring VHF channels 13 and 16. All vessels are requested to remain 1500' (500-yard safety zone) away from construction vessels and transit the area with caution.

LNM: 06/22

LAKE MICHIGAN –St. Joseph River – Chart 14930

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

LNM: 48/22

LAKE SUPERIOR – MN – Spirit Lake – Chart 14975

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

LNM: 26/22

SECTION VIII - LIGHT LIST CORRECTIONS

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

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
1473	ROCK ISLAND LIGHT	44-16-51.840N 076-01-01.620W	F W				Maintained from May.1 to 51/22 Dec.1. Private Aid.

*

SECTION VIII - LIGHT LIST CORRECTIONS (Continued)

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
5085	MUDY CREEK LIGHT	41-27-09.530N 082-59-41.225W	Q W	25 8	3	NW "DANGER SHOALING" daymarks on structure	51/22
12895	ST MARYS RIVER LIGHT 4	46-02-20.312N 083-54-13.649W	Fl R 2.5s	26 8	6	TR on post.	51/22
17460	Namakan Lake Daybeacon 4	48-29-00.850N 092-42-10.271W				TR on skeleton tower.	51/22
21560	Garden Island Buoy 2	45-50-13.002N 085-34-05.054W				Red nun.	51/22
	Marks east side of shoal.						
21565	Garden Island Buoy 1	45-52-18.043N 085-35-00.588W				Green can.	51/22
21690	Little Bay De Noc Lighted Buoy 12	45-49-55.875N 087-00-31.676W	Fl R 6s	4		Red.	Maintained from Apr. 28 to Nov. 21. 51/22
	*						

ENCLOSURES

(1) LNM Section I - Special Notices

1-Great Lakes Water Levels

LNM: 06/22

(2) LNM Section II - Discrepancies

N/A

LNM: 19/19

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

N/A

LNM: 19/19

(4) LNM Section IV - Chart Corrections

N/A

LNM: 19/19

(5) LNM Section V - Advance Notices

N/A

LNM: 19/19

(6) LNM Section VI - Proposed Changes

N/A

LNM: 19/19

(7) LNM Section VII - General

1-Marine Events

2-Current Ninth District Bridge Maintenance/Activities

(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	Expected Levels (inches above or below Low Water Datum,0)				
	IGLD 1985	Current	Week 1	Week 2	Week 3	Week 4
GREAT LAKES						
Lake Ontario	243.3	12	12	12	12	12
Lake Erie	569.2	30	30	30	29	29
Lake St. Clair	572.3	27	27	27	27	27
Lake Michigan-Huron	577.5	16	16	15	15	14
Lake Superior	601.1	13	12	12	11	10
ST. LAWRENCE RIVER						
Above Long Sault Dam	0	237.9	17	19	20	20
Above Iroquois Dam	1	240.3	7	8	9	9
Ogdensburg	2	242.4	5	6	7	7
Alexandria Bay	2.1	243.0	6	6	6	7
Head of river at Cape Vincent	3	243.3	12	12	12	12
DETROIT RIVER						
Lake Erie at Pelee Passage	4	569.2	30	30	30	29
Mouth of River at Gibraltar	5	569.5	34	33	33	32
Fort Wayne	5.1	571.1	31	31	31	31
Head of River above Belle Isle	6	572.0	28	28	28	28
ST. CLAIR RIVER						
Mouth of River at St. Clair Flats	7	572.3	27	27	27	27
Algonac	8	572.8	27	27	27	26
St. Clair	9	574.4	22	21	21	21
Blue Water Bridge	10	576.2	17	16	16	15
Head of River at Fort Gratiot	11	577.2	14	13	13	12
Lake Huron Approach Channel	12	577.5	16	16	15	14
ST. MARYS RIVER						
Mouth of River at Detour	13	577.5	16	16	15	15
West and Middle Neebish	14	577.8	14	13	13	12
Head of Little Rapids	15	578.4	12	11	11	11
U.S. Slip	16	578.7	11	10	10	9
Above Locks	17	600.4	12	11	10	9
Head of River at Point Iroquois	18	601.1	13	12	12	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 Detroit MI, 48226	International Joint Commission Great Lakes Information Network	SSMC4, STATION 7523 1305 East-West Hwy
1-888-694-8318 ex. 1	NOAA Tides and Currents	Silver Spring, MD 20910-3233
email: hhpm@usace.army.mil	U.S. Coast Guard - District 9	(301) 713-2902

CURRENT NINTH DISTRICT BRIDGE MAINTENANCE/ACTIVITIES

Week [51/22]

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

PUBLIC NOTICES FOR 9th District BRIDGES: <https://www.navcen.uscg.gov/D9BN>

Please contact us with any questions or concerns:

Blair Stanifer	(216) 902-6086 or William.B.Stanifer@uscg.mil
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:

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

ACTIVE BROADCAST NOTICE TO MARINERS (BNM)

U.S.C.G. NINTH DISTRICT NOTICE TO MARINERS C185-22

OH- LAKE ERIE - CLEVELAND HARBOR

FROM DECEMBER 19, 2022, THROUGH MARCH 20, 2023, ALL CITY OPERATED BRIDGES OVER THE CUYAHOGA RIVER, INCLUDING THE NORTH COAST HARBOR PEDESTRIAN BRIDGE, WILL REQUIRE A 12-HOUR ADVANCE NOTICE FOR OPENINGS. MARINERS SHOULD PROVIDE ADVANCE NOTICE DIRECTLY TO THE CARTER ROAD BRIDGE TENDER ON VHF-FM MARINE RADIO CHANNEL 16 OR BY CALLING 216-664-4767 OR BY EMAIL RSCOTT(AT)CLEVELANDOHIO.GOV.

U.S.C.G. NINTH DISTRICT NOTICE TO MARINERS C186-22

MI - LAKE HURON - SAGINAW RIVER

FROM DECEMBER 9 THROUGH DECEMBER 26, 2022, BETWEEN THE HOURS OF 0700 AND 1900 MONDAY THROUGH SATURDAY THE LIBERTY STREET BRIDGE AT MILE 4.99 OVER THE SAGINAW RIVER WILL REQUIRE A 2-HOUR ADVANCE NOTICE FOR OPENINGS. AN 80-FOOT BY 60-FOOT BARGE AND PUSH BOAT WILL BE WORKING UNDER THE BRIDGE ALONG WITH SNOOPER VEHICLES UNDER THE BRIDGE. MARINERS SHOULD PROVIDE ADVANCE NOTICE FOR BRIDGE OPENINGS AND TO REQUEST THE BARGE TO MOVE BY CALLING THE DRAWTENDER AT 608-425-0171 OR EMAIL JDESMET@KRAEMERNA.COM.

SAFETY BCST PLUS SKED BCST UNTIL 240001Z DEC 22

U.S.C.G. NINTH DISTRICT NOTICE TO MARINERS C187-22

MI - LAKE HURON - SAGINAW RIVER

FROM DECEMBER 19 THROUGH DECEMBER 23, 2022, DAILY, THE INDEPENDENCE STREET

BRIDGE AT MILE 3.88 OVER THE SAGINAW RIVER WILL REQUIRE A 2-HOUR ADVANCE NOTICE FOR OPENINGS. MARINERS SHOULD PROVIDE ADVANCE NOTICE DIRECTLY TO THE DRAWTENDER BY CALLING 810-955-5459. SNOOPER VEHICLES WILL BE DEPLOYED UNDER THE BRIDGE. SPOTTERS WILL WARN OF APPROACHING VESSELS AND MOVE THE MAN LIFTS TO ALLOW VESSELS TO PASS.

U.S.C.G. NINTH DISTRICT NOTICE TO MARINERS C188-22
OH - LAKE ERIE - CLEVELAND HARBOR

THE COAST GUARD HAS RECEIVED A REPORT THAT THE LIGHTS ON THE CSX RAILROAD BRIDGE AT MILE 4.75 AND THE LIGHTS ON THE I-490 BRIDGE AT MILE 4.79, BOTH OVER THE CUYAHOGA RIVER ARE EXTINGUISHED.

SAFETY BCST PLUS SKED BCST UNTIL 012200Z JAN 23

U.S.C.G. NINTH DISTRICT NOTICE TO MARINERS C188-22

MI - LAKE HURON - SAGINAW RIVER

FROM JANUARY 1 THROUGH FEBRUARY 28, 2023, THE LAFAYETTE STREET BRIDGE AT MILE 6.78 OVER THE SAGINAW RIVER WILL BE SECURED TO MASTED NAVIGATION. VESSELS ABLE TO PASS UNDER THE BRIDGE WITHOUT AN OPENING MAY DO SO AT ANY TIME.

SAFETY BCST PLUS SKED BCST UNTIL 022200Z JAN 23

U.S.C.G. NINTH DISTRICT NOTICE TO MARINERS C189-23

MI - ST. CLAIR RIVER - PINE RIVER

FROM JANUARY 1 THROUGH MARCH 17, 2023, THE RIVERSIDE AVENUE, STATE ROUTE 29 BRIDGE AT MILE 0.10 OVER THE PINE RIVER WILL BE SECURED TO MASTED NAVIGATION. VESSELS ABLE TO PASS UNDER THE BRIDGE WITHOUT AN OPENING MAY DO SO AT ANY TIME. TWO 20-FOOT BY 10-FOOT BARGES WILL BE USED UNDER THE BRIDGE AGAINST THE PIERS OF THE BRIDGE.

FEDERAL REGULATIONS DOCKET STATUS

USCG-2021-0336 – FR – Oshkosh – Pending Admiral's Signature

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

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

USCG-2022-0237-NPRM- Dearborn Avenue, Chicago IL – Pending Legal Review.

BRIDGE DELAY REPORTS SNAPSHOT *

Verbal Complaints Received	Delay Reports Received	Delay Reports Proven	Fine Amount Proposed
0	0	0	0

* This will be a generalization on the complaints and delay reports we have received for the Great Lakes region starting on January 1, 2023, and will run to the end of the year, updated weekly. The **Verbal Complaints** are just that, no delay report provided just people complaining by phone or email without providing a complete report. The **Delay Reports Received** block will be for the actual delay reports received. **Delay Reports Proven** had enough information to prove a violation occurred and allowed our office to enter a case against the bridge owner or operator. **Fine Amount Proposed** is our recommended penalty not the penalty issued by the Hearing Officer.

ACTIVE LOCAL NOTICE TO MARINERS (LNM)

GREAT LAKES REGION

GREAT LAKES, Drawbridge Delay Reports, Chart 14500

Mariners are requested to submit Reports of Drawbridge Signal/Operations Delays directly to the Ninth Coast Guard District Bridge Branch using the attached form. Reports of signal or drawbridge delays have been processed by Coast Guard Marine Safety Offices in recent years but will now be processed and traced by the Bridge Branch. Reports may be sent by mail, e-mail, or by fax. The mailing address and fax number are on the form. The updated form is printed and also attached on the last page of this list.

[08/05] [34/12]

ST. LAWRENCE SEAWAY

NY STATE CANAL SYSTEM

(Everything West of St. Johnsville, NY)

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

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

[22/22]

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

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

[24/22]

*****REVISED*****

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

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

[45/22] [48/22]

LAKE ONTARIO

LAKE ERIE - MAHONING RIVER - NIAGARA RIVER- ALLEGHENY RIVER

*****REVISED*****

LAKE ERIE – OH – Toledo Harbor – Chart 14847

From July 1, 2019, through **July 23, 2023** a temporary causeway will be constructed between mile 6.73 and 6.76 for the construction of the new and demolition of the old Michael V. DiSalle Memorial (I-75) Bridge at Mile 6.73 over the Maumee River. The causeway will be marked with flashing yellow lights spaced approximately 10 meters apart with red over red lights marking the ends of the causeway. A 100-foot-wide channel will be provided for vessels to pass through the construction area. Mariners are encouraged to pass through the area at a slow speed.

[26/19] [21/20]

LAKE ERIE – OH – Cleveland Harbor – Chart 14839

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

[48/22]

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

*****REVISED*****

DETROIT RIVER – MI – Main Channel – Chart 14848

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

[47/20] [07/22]

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

From January 1 through **March 17, 2023**, the Riverside Avenue, State Route 29 Bridge at Mile 0.10 over the Pine River will be secured to masted navigation. Vessels able to pass under the bridge without an opening may do so at any time. Two 20-foot by 10-foot barges will be used under the bridge against the piers of the bridge.

[18/22] [39/22]

DETROIT RIVER – MI – Belle Island – Chart 14848

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

[37/22]

LAKE HURON

LAKE MICHIGAN – MI – Saginaw River – Chart 14867

From January 1 through **February 28, 2023**, the Lafayette Street Bridge at Mile 6.78 over the Saginaw River

will be secured to masted navigation. Vessels able to pass under the bridge without an opening may do so at any time.

[28/22]

LAKE MICHIGAN – MI – Saginaw River – Chart 14867

From December 19 through **December 23, 2022**, daily, the Independence Street Bridge at Mile 3.88 over the Saginaw River will require a 2-hour advance notice for openings. Mariners should provide advance notice directly to the Drawtender by calling 810-955-5459. Snooper vehicles will be deployed under the bridge. Spotters will warn of approaching vessels and move the man lifts to allow vessels to pass.

[51/22]

*****REVISED*****

LAKE MICHIGAN - MI – Saginaw River – Chart 14867

From December 9 through **December 26, 2022**, between the hours of 0700 and 1900 Monday through Saturday the Liberty Street Bridge at Mile 4.99 over the Saginaw River will require a 2-hour advance notice for openings. An 80-foot by 60-foot barge and push boat will be working under the bridge along with snooper vehicles under the bridge. Mariners should provide advance notice for bridge openings and to request the barges to move by calling the drawtender at 608-425-0171 or email JDesmet@kraemerNA.com.

[33/22] [38/22] [42/22] [45/22] [50/22]

STRAITS OF MACKINAC, SAINT MARY'S RIVER AND FALLS

LAKE MICHIGAN – EAST

LAKE MICHIGAN – MI – Grand Haven – Chart 14933

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

[42/20]

LAKE MICHIGAN – MI – Grand Haven – Chart 14933

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

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

LAKE MICHIGAN – IL – Chicago Harbor – Chart 14927

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

*****REVISED*****

LAKE MICHIGAN – IL – Chicago Harbor – Chart 14927

From December 20, 2022, through **January 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]

CALUMET SAG CHANNEL

*****REVISED*****

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

from April 4 through **December 15, 2022**, scaffolding that hangs approximately 1-foot below low steel will be installed under one-half of the Francisco Avenue at Mile 15.63 (CORPS MILE 317.4), the Crawford Avenue Bridge at Mile 17.01 (CORPS MILE 316.0), the Ridgeland Avenue at Mile 20.47 (CORPS MILE 312.5), 104th Avenue Bridge at Mile 25.56 (CORPS MILE 307.3) over the Calumet-SAG Channel. A 40-foot by 40-foot barge will be working under the bridges from 0700 to 1800 Monday through Saturday. The barge will monitor VHF-FM Marine Channel 16 and will move with a 15-minute advance notice.

[12/22] [38/22]

CHICAGO SANITARY AND SHIP CANAL, KANKAKEE RIVER & ROCK RIVER

(Lake Michigan to Mile 36.2/291.1)

LAKE MICHIGAN – IL – Chicago Sanitary and Ship Canal

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

[46/22]

LAKE MICHIGAN – WEST

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

LAKE MICHIGAN – WI – Fox River – Chart 14972

From May 1, 2023, through **September 1, 2023**, scaffolding that hangs approximately 3-feet below low steel will be installed under the Tower Driver / Leo Figaro Bridge at Mile 0.41 over the Fox River.
[11/22]

*****REVISED*****

LAKE MICHIGAN – WI – Fox River – Chart 14916

From October 24, 2022, through **March 31, 2023**, the Racine Street Bridge at Mile 37.91 over the Fox River at Menasha remains under construction. The new drawspan has been installed but the lifting machinery is not installed and the bridge cannot open. The temporary bridge over the slip near the George Banta Dock will continue to remain for temporary access. Cranes in the drawspan will move if a 12-hour advance notice is provided by calling: 920-224-2068 or 920-450-4987
[43/20] [10/22] [18/22] [37/22] [43/22]

LAKE MICHIGAN – WI – Fox River – Chart 14972

On **August 20, 2023**, between the hours of 0615 the Racine Street Bridge at Mile 37.91 and the Main Street Bridge at Mile 55.97 over the Fox River will be secured to masted navigation in conjunction with the Race the Lake Marathon. Vessels able to pass under the bridge without an opening may do so at any time.
[41/22]

LAKE MICHIGAN – WI – Fox River – Chart 14972

From November 14, 2022, through **March 31, 2023**, the Jackson Street Bridge at Mile 56.22 over the Fox River will be secured to masted navigation for maintenance. Vessels able to pass under the bridge without an opening may do so at any time.
[42/22]

LAKE SUPERIOR

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

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

TO: Commander (dpb)

Ninth Coast Guard District

1240 E. 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. NAME OF VESSEL: _____

2. PORT: _____

3. DATE OF DELAY: _____ () INBOUND () OUTBOUND

4. BRIDGE NAME: _____

5. WATERWAY: _____ MILE: _____

(Bridge name, waterway, and mile from Coast Pilot #6)

NOTE: IF DELAY IS AT RAILROAD BRIDGE, AND TRAINS ARE "CONTINUOUSLY" BEING RUN ACROSS OR STOPPED ON A DRAWBRIDGE, PLEASE INDICATE ON REVERSE SIDE OF FORM THE STARTING AND ENDING TIMES FOR EACH TRAIN, OR TIMES THAT TRAINS ARE STOPPED ON BRIDGE.

6. IF ADVANCE NOTICE IS PROVIDED, TIME NOTICE GIVEN: _____

ETA PROVIDED: _____ TO WHOM: _____

7. TIME FIRST SIGNAL GIVEN FOR BRIDGE: _____ TIME ARRIVED AT BRIDGE: _____

8. TIME FIRST SIGNAL RECEIVED FROM BRIDGE: _____

9: DID RESPONSE INDICATE AN IMMEDIATE OPENING COULD BE EXPECTED OR THAT THERE COULD BE A DELAY? _____

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

11. TIME BRIDGE OPENED: _____ TIME LOST: _____

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

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

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

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

(SIGNATURE)

Sorted by Chart Number

Authorized Winter Hours for Great Lakes Bridges

October 15, 2022 - April 30, 2023

Last Updated: 22 OCT 2022

Chart Number	Port Name	Bridge Name	Mile	Waterway	Start Date	End Date	Advance Notice	Primary Phone Number	Secondary Phone Number	Alternate Phone	Alternate Phone
14815	Rochester	O' Rorke	1.2	Genesee	16-Dec	31-Mar	12-hours	585-753-7750	585-753-7780		
14832	Black Rock	Ferry Street	2.6	Black Rock	1-Dec	14-Apr	4-hours	716-866-4323			
14832	Black Rock	Canadian Natl	3.8	Black Rock	1-Dec	14-Apr	4-hours	289-683-6000	905-788-7502	905-351-3708	416-580-3320
14833	Buffalo	Michigan Ave	1.3	Buffalo River	16-Dec	21-Mar	04-hours	716-866-4323			
14833	Buffalo	Ohio St	2.1	Buffalo River	16-Dec	21-Mar	04-hours	716-866-4323			
14836	Ashtabula	5th Street	1.4	Ashtabula	15-Dec	31-Mar	12-Hours	440-576-2816	440-813-8229	440-228-2168	440-645-9041
14839	Cleveland	All City Bridges		Cuyahoga	19-Dec	20-Mar	12-Hours	VHF-FM 16	216-664-4767	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			

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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		

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

lee.d.soule@uscg.mil
216-902-6085

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
