



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

LOCAL NOTICE TO MARINERS

District: 9

Week: 28/24

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

Direct questions about this LNM to the above address.

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

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

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

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

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

Coast Pilot Reference: 2024 U.S. Coast Pilot 6 Great Lakes 54th Edition

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

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

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

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

The following Broadcast Notice to Mariners have been incorporated into this week's Local Notice to Mariners:9

Sector Eastern Great Lakes - EGL118-24 through EGL127-24

Ninth District - C082-24 through C084-24

Sector Detroit, MI - D078-24 through D081-28

Sector Lake Michigan, WI - M202-24 through M226-24

Sector Northern Great Lakes- NGL066-24 through NGL073-24

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

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

ABBREVIATIONS

A through H

ADRIFT - Buoy Adrift
AICW - Atlantic Intracoastal Waterway
AI - Alternating
B - Buoy
BKW - Breakwater
bl - Blast
BNM - Broadcast Notice to Mariner
bu - Blue
C - Canadian
CHAN - Channel
CGD - Coast Guard District
C/O - Cut Off
CONT - Contour
CRK - Creek
CONST - Construction
DAYMK/Daymk - Daymark
DBN/Dbn - Daybeacon
DBD/DAYBD - Dayboard
DEFAC - Defaced
DEST - Destroyed

I through O

I - Interrupted
ICW - Intracoastal Waterway
IMCH - Improper Characteristic
INL - Inlet
INOP - Not Operating
INT - Intensity
ISL - Islet
Iso - Isophase
kHz - Kilohertz
LAT - Latitude
LB - Lighted Buoy
LBB - Lighted Bell Buoy
LHB - Lighted Horn Buoy
LGB - Lighted Gong Buoy
LONG - Longitude
LNM - Local Notice to Mariners
LT - Light
LT CONT - Light Continuous
LTR - Letter
LWB - Lighted Whistle Buoy

P through Z

PRIV - Private Aid
Q - Quick
R - Red
RACON - Radar Transponder Beacon
Ra ref - Radar reflector
RBN - Radio Beacon
REBUILT - Aid Rebuilt
RECOVERED - Aid Recovered
RED - Red Buoy
REFL - Reflective
RRL - Range Rear Light
RELIGHTED - Aid Relit
RELOC - Relocated
RESET ON STATION - Aid Reset on Station
RFL - Range Front Light
RIV - River
RRASS - Remote Radio Activated Sound Signal
s - seconds
SEC - Section
SHL - Shoaling

DISCON - Discontinued
DMGD/DAMGD - Damaged
ec - eclipse
EST - Established Aid
ev - every
EVAL - Evaluation
EXT - Extinguished
F - Fixed
fl - flash
Fl - Flashing
G - Green
GIWW - Gulf Intracoastal Waterway
HAZ - Hazard to Navigation
HBR - Harbor
HOR - Horizontal Clearance
HT - Height

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

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

Additional Abbreviations Specific to this LNM Edition:

LIB - Lighted Ice Buoy

SECTION I - SPECIAL NOTICES

This section contains information of special concern to the Mariner.

Cancellation of NOAA Paper and Raster Nautical Charts

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

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

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

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

LNM: 04/20

SAFETY NOTICE - NAVIGATIONAL RANGE AND SECTOR LIGHTS ON ELECTRONIC CHARTS

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

LNM: 39/22

PUBLICATION OF NVIC 03-23 GUIDANCE ON NAVIGATIONAL SAFETY IN AND AROUND OFFSHORE RENEWABLE ENERGY INSTALLATIONS (OREI)

The Coast Guard has published Navigation and Vessel Inspection Circular (NVIC) 03-23: Guidance on Navigational Safety In and Around Offshore Renewable Energy Installations (OREI) to highlight considerations when planning and undertaking voyages in the vicinity of offshore renewable energy installations (OREI) in U.S. waters. The prudent mariner should review and utilize this NVIC to make an informed risk assessment prior to navigating within or in the vicinity of an OREI. Important Maritime Safety Information (MSI) relating to OREIs is distributed by Local or Broadcast Notices to Mariners (LNM or BNM) promulgated by Coast Guard Districts. Marine Safety Information Bulletins (MSIB) released by the local Captain of the Port (COTP) may be issued to provide supplemental information. Interested parties should contact the Office of Navigation Systems at CGNAV@uscg.mil with any questions or feedback.

LNM: 47/23

MERCHANT MARINER CREDENTIAL

The U.S. Coast Guard announced a new merchant mariner credential (MMC) set to launch on March 1, 2024. This milestone marks the first comprehensive revision of the mariner credential in nearly a decade and is strategically designed to enhance both quality of service and security within the Marine Transportation System (MTS). U.S. Coast Guard Marine Safety Information Bulletin (MSIB) 01-24, New Merchant Mariner Credential Passport Booklet Replacement, has been posted on the DCO's MSIB Site and announced at the National Maritime Center (CG-NMC)

Home Page (uscg.mil). Please visit these resources for more information on the credential.

LNM: 09/24

2024 Light List

2024 Light Lists are available on the USCG Navigation Center's website at:
<https://www.navcen.uscg.gov/light-list-annual-publication>

Coast Guard Light Lists are a means for communicating aids to navigation information to the maritime public. The last government printed Light Lists were the 2024 editions.

While the Light Lists will no longer be available in government printed form, commercial reproductions may be available for purchase from maritime service providers.

Local Notice to Mariners will continue to advise Light List corrections and NAVCEN will continue to publish a compilation of corrections.

Complete versions of the 2024 Light Lists are updated weekly on the NAVCEN website and mariners should download applicable copies and updates as needed at: <https://www.navcen.uscg.gov/weekly-light-lists>

A summary of 2024 Light List corrections are available at: <https://www.navcen.uscg.gov/light-list-summary-of-corrections>

Guidance for use of electronic navigation publications onboard U.S. vessels can be found at:
http://www.uscg.mil/hq/cgcv/cvc/policy/policy_letters/543/CG-543_pol10-05.pdf

If the links above do not work, you should either copy and paste the links into your web browser or follow the LNM links from the Navigation Center LNM page at <https://www.navcen.uscg.gov/local-notice-to-mariners-by-cg-district>.

The Local Notice to Mariners, Light List, and Summary of Corrections are in Portable Document Format (PDF) and viewing them requires a PDF reader. PDF readers are readily available on the internet, generally free of charge.

If you have questions regarding this message, please contact the Navigation Center at <https://www.navcen.uscg.gov/report-a-problem> (use "LNMs, Charts, Chart Corrections, or Light Lists" as the subject from the pull down menu).

LNM: 03/24

U.S. Coast Pilot 6-NEW EDITION

PUBLICATION—National Oceanic Administration (NOAA)— U.S. Coast Pilot 6, Great Lakes and their connecting waterways, 54th Edition, 2024, has been issued and is ready for free download and weekly updates at <https://nauticalcharts.noaa.gov/publications/coast-pilot/index.html>.

Only Print-on-Demand (POD) bound copies are available for purchase; visit nauticalcharts.noaa.gov/publications/print-agents.html#coast-pilot. The 2024 Edition cancels the preceding 2023 Edition, and incorporates all previous corrections.

LNM: 16/24

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

LAKE ERIE – Fairport Harbor – Chart 14829

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

LNM: 21/23

LAKE ST. CLAIR - St. Clair Cut-off LB "CO" LLNR 8590

The Coast Guard will be temporarily deploying a buoy of reduced size at St. Clair Cut-Off Preferred Channel Lighted Buoy "CO" (LLNR 8590) in Lake St. Clair, MI. The visual and operational radar range of the buoy will be reduced. The lighted signal range will remain unchanged. The temporary change is in response to delays in the permanent buoy's off-season refurbishment. Upon completion, the permanent buoy will be redeployed back on station. All mariners are requested to use caution while transiting the area.

LNM: 15/24

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 - Seul Choix Point

The Coast Guard has received a report of soundings less than charted depth 3.5NM east/southeast of Seul Choix Point at position 45°53'18"N, 085°50'27"W. The area of reduced depth was reported on the east/west Manistique to Lansing Shoal recommended shipping route. Mariners are urged to use caution while transiting the area.

LNM: 06/24

LAKE MICHIGAN - Algoma

Algoma Light 1 (LLNR 20980) will be temporarily disestablished for marine construction operations on the south breakwater in Algoma, WI. A temporary flashing white light will be installed each night on the end of the breakwater to assist mariners in identifying the construction area. The permanent aid's anticipated reinstatement date is July 15th, 2024. Mariners are urged to use caution while transiting the area.

LNM: 26/24

LAKE SUPERIOR - Isle Royale

The Coast Guard has received a report of a partially submerged spar buoy at position 48°05'49"N, 088°44'12"W, on the north shore of Isle Royale just west of Hawk Island. Mariners are urged to use caution while transiting this area.

LNM: 25-24

LAKE SUPERIOR – Keweenaw – Chart 14972

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

LNM: 12/23

LAKE SUPERIOR - Duluth-Superior Harbor

The Coast Guard is experiencing significant delays in the seasonal deployments of a number of buoys in Superior Front Channel, St. Louis Bay and Minnesota Channel in vicinity of Duluth-Superior Harbor. The Coast Guard will be commissioning these aids the week of July 8th. Mariners are requested to use caution while transiting the area.

15840 Duluth Harbor Breakwater Isolated Danger Buoy
16180 St. Louis River Upper Channel Lighted Buoy 4
16205 Minnesota Channel (Eastern Section) Lighted Buoy 6
16210 Minnesota Channel (Eastern Section) Lighted Buoy 7
16220 Minnesota Channel (Eastern Section) Lighted Buoy 9
16225 Minnesota Channel (Eastern Section) Lighted Buoy 10
16235 Minnesota Channel (Eastern Section) Lighted Buoy 14
16240 Minnesota Channel (Eastern Section) Lighted Buoy 15
16250 Minnesota Channel (Eastern Section) Lighted Buoy 19

LNM: 19/24

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
1210	Chippewa Point Directional Light	LT EXT			28/24	
1500	St. Lawrence Seaway Lighted Buoy 218	LT EXT			28/24	
1550	St. Lawrence Seaway Light 226	LT EXT		EGL120-24	28/24	
3803	Ashtabula Buoy 7	ADRIFT		EGL124-24	28/24	
10035	Lake Huron Cut Lighted Buoy 1	OFF STA		D041-24	23/24	
12155	Crooked Lake Daybeacon 84	DAYMK MISSING		NGL070-24	28/24	
13030	Munuscong Channel (Upbound) Junction Light ML	AIS INOP			21/24	
13070	Munuscong Channel (Upbound) Lighted Buoy 9	AIS INOP			05/24	
13125	Sailors Encampment Channel Lighted Buoy 21	AIS INOP			05/24	
13280	Middle Neebish South Range Rear Light	DAYMK MISSING		NGL068-24	28/24	
13475	West Neebish Channel (Downbound) Upper Range Rear Light	DAYMK MISSING			36/23	
13645	Sawmill Point Lighted Buoy 22	AIS INOP			05/24	
13695	Moon Island Lighted Buoy 13	AIS INOP			05/24	
13955	Upper Nicolet Range Front Light	DAYMK MISSING			21/24	
13960	Upper Nicolet Range Rear Light	DAYMK MISSING		NGL004-24	26/23	
14050	Six Mile Point Range Rear Light	DAYMK MISSING		S079-23	10/21	
14335	Pointe Aux Pins Channel Lighted Buoy 8	LT EXT		NGL061-24	27/24	
14880	Keweenaw Waterway Light 25	STRUCT DEST/TRLB		NGL047-24	19/24	
15115	Keweenaw Upper Entrance West Breakwater Light	STRUCT DEST		S015-23	02/23	
15545	Red Cliff Point Lighted Buoy 4	LT EXT		NGL064-24	27/24	
17210	Canoe Channel Daybeacon 8	STRUCT DEST/TRUB			23/22	
18530	Ludington North Breakwater Light	SS INOP	14901	M223-24	28/24	
22185	Green Bay Harbor Entrance Channel Range Rear Light	DAYMK MISSING		M157-23	44/20	

DISCREPANCIES (FEDERAL AIDS) CORRECTED

LLNR	Aid Name	Status	Chart No.	BNM Ref.	LNM St	LNM End
13705	West Neebish Channel (Downbound) Lighted Buoy 11	WATCHING PROPERLY			27/24	28/24
18330	Leland Harbor Light 1	RELIGHTED	14902		27/24	28/24

DISCREPANCIES (PRIVATE AIDS)

LLNR	Aid Name	Status	Chart No.	BNM Ref.	LNM St	LNM End
4030	Cleveland Waterworks Intake Crib Light	LT EXT		EGL088-24	25/24	
4256	Cashelmarra Jetty Light	LT IMCH			24/24	
4960	Sandusky Yacht Club Light 1	LT EXT		D026-24	18/24	
4965	Sandusky Yacht Club Light 2	LT EXT		D027-24	18/24	
5310	East Harbor Entrance Light 2	LT EXT			27/24	
6025	Toledo Water Works Intake Crib Lights	LT EXT		D034-24	20/24	
8892	ACOE LKSTC Water Sensor Buoy 1	MISSING		D059-24	26/24	
11388.1	East Alpena Channel Buoy 2	MISSING/TRUB			17/24	
19860	Filtration Plant Breakwater South End Light	LT EXT			23/24	
19865	Filtration Plant Breakwater North End Light	LT EXT			23/24	
19931	Thirty-First Street Jetty Danger Lighted Buoy A	MISSING			23/24	

19932	Thirty-First Street Jetty Danger Lighted Buoy B	MISSING		23/24
19933	Thirty-First Street Jetty Danger Lighted Buoy C	MISSING		23/24
19934	Thirty-First Street Inner Jetty Light	LT EXT		23/24
20470	Racine Launch Basin Entrance Light	LT EXT		22/24
20490	Racine East Harbor Entrance Light 2	LT EXT		28/24
20545	Racine Harbor Light 13	LT EXT		22/24
20681	Lakeshore State Park Entrance Lt 1	LT EXT	M116-24	21/24
20700	Milwaukee City South Pier No. 2 South Light	LT EXT	M165-24	24/24
20729	South Shore Park Entrance Lighted Buoy 1	MISSING		21/24
20730	South Shore Park Entrance Lighted Buoy 2	MISSING		21/24
21405	Shipyard Island Marina North Dock Light	LT IMCH	M199-24	27/24

DISCREPANCIES (PRIVATE AIDS) CORRECTED

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

None

PLATFORM DISCREPANCIES

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

None

PLATFORM DISCREPANCIES CORRECTED

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

None

SECTION III - TEMPORARY CHANGES and TEMPORARY CHANGES CORRECTED

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

TEMPORARY CHANGES

LLNR	Aid Name	Status	Chart No.	BNM Ref.	LNM St	LNM End
2105	Oswego Harbor West Channel Light 2	TRLB	14786		17/19	
2855	Black Rock Canal Light 15	DISCONTINUED			12/24	
8240	William Livingstone Memorial Light	Reduced Intensity			33/21	
9690	Grande Pointe Light 23	TRLT			47/20	
14540	Little Lake Harbor Light 2	DISCONTINUED FOR DREDGING			47/22	
15220	Ontonagon Harbor East Breakwater Light	DISCONTINUED			02/22	
16963	Driftwood Point Light	DISCONTINUED			45/20	
20980	Algoma Light 1	DISCONTINUED			25/24	

TEMPORARY CHANGES CORRECTED

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

None

PLATFORM TEMPORARY CHANGES

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

None

PLATFORM TEMPORARY CHANGES CORRECTED

Name	Status	Position	BNM Ref.	LNM St	LNM End
None					

SECTION IV - CHART CORRECTIONS

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

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

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

14786 **15th Ed.** **01-SEP-18** **Last LNM: 40/17** **NAD 83** **28/24**

Chart Title: **SMALL-CRAFT BOOK CHART New York State Canal System (book of 61 Charts)**

Main Panel **1100 OSWEGO RIVER - MINETTO - -**. Page/Side: -

LAST EDITION No new editions of chart 14786 will be published. It will be canceled on 04-Dec-24. Comparable or larger scale Electronic Navigational Chart (ENC) coverage is available. See "Cancellation of NOAA Paper and Raster Nautical Charts" in Section I of this LNM for details. A list of all canceled NOAA charts is at <https://www.charts.noaa.gov/MCD/Dole.shtml>. NOS --

14800 **10th Ed.** **01-SEP-05** **Last LNM: 33/13** **NAD 83** **28/24**

Chart Title: **Lake Ontario (Metric)**

Main Panel **1112 LAKE ONTARIO**. Page/Side: **N/A**

LAST EDITION No new editions of chart 14800 will be published. It will be canceled on 30-Oct-24. Comparable or larger scale Electronic Navigational Chart (ENC) coverage is available. See "Cancellation of NOAA Paper and Raster Nautical Charts" in Section I of this LNM for details. A list of all canceled NOAA charts is at <https://www.charts.noaa.gov/MCD/Dole.shtml>. NOS --

14820 **22nd Ed.** **01-MAY-20** **Last LNM: 48/19** **NAD 83** **28/24**

Chart Title: **Lake Erie**

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

LAST EDITION No new editions of chart 14820 will be published. It will be canceled on 30-Oct-24. Comparable or larger scale Electronic Navigational Chart (ENC) coverage is available. See "Cancellation of NOAA Paper and Raster Nautical Charts" in Section I of this LNM for details. A list of all canceled NOAA charts is at <https://www.charts.noaa.gov/MCD/Dole.shtml>. NOS --

14860 **37th Ed.** **01-MAY-16** **Last LNM: 19/22** **NAD 83** **28/24**

Chart Title: **Lake Huron**

Main Panel **1312 LAKE HURON**. Page/Side: **A**

LAST EDITION No new editions of chart 14860 will be published. It will be canceled on 30-Oct-24. Comparable or larger scale Electronic Navigational Chart (ENC) coverage is available. See "Cancellation of NOAA Paper and Raster Nautical Charts" in Section I of this LNM for details. A list of all canceled NOAA charts is at <https://www.charts.noaa.gov/MCD/Dole.shtml>. NOS --

14901	18th Ed.	01-AUG-20	Last LNM: 19/22	NAD 83	28/24
<i>ChartTitle: Lake Michigan (Mercator Projection)</i>					
Main Panel 1361 LAKE MICHIGAN - -. Page/Side: -					
LAST EDITION No new editions of chart 14901 will be published. It will be canceled on 30-Oct-24. Comparable or larger scale Electronic Navigational Chart (ENC) coverage is available. See "Cancellation of NOAA Paper and Raster Nautical Charts" in Section I of this LNM for details. A list of all canceled NOAA charts is at https://www.charts.noaa.gov/MCD/Dole.shtml .					NOS --
14902	32nd Ed.	01-NOV-20	Last LNM: 19/22	NAD 83	28/24
<i>ChartTitle: North end of Lake Michigan, including Green Bay</i>					
Main Panel 1362 NORTH END OF LAKE MICHIGAN INCLUDING GREEN BAY - -. Page/Side: -					
LAST EDITION No new editions of chart 14902 will be published. It will be canceled on 30-Oct-24. Comparable or larger scale Electronic Navigational Chart (ENC) coverage is available. See "Cancellation of NOAA Paper and Raster Nautical Charts" in Section I of this LNM for details. A list of all canceled NOAA charts is at https://www.charts.noaa.gov/MCD/Dole.shtml .					NOS --
14961	13th Ed.	01-FEB-16	Last LNM: 36/19	NAD 83	28/24
<i>ChartTitle: Lake Superior (Mercator Projection)</i>					
Main Panel 1499 LAKE SUPERIOR. Page/Side: A					
LAST EDITION No new editions of chart 14961 will be published. It will be canceled on 30-Oct-24. Comparable or larger scale Electronic Navigational Chart (ENC) coverage is available. See "Cancellation of NOAA Paper and Raster Nautical Charts" in Section I of this LNM for details. A list of all canceled NOAA charts is at https://www.charts.noaa.gov/MCD/Dole.shtml .					NOS --

SECTION V - ADVANCE NOTICES

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

SUMMARY OF ADVANCED APPROVED PROJECTS

<u>Approved Project(s)</u>	<u>Project Date</u>	<u>Ref. LNM</u>
None		
<u>Advance Notice(s)</u>		
LAKE ERIE - Black Rock Canal - Buffalo NY		
The Coast Guard is permanently disestablishing Black Rock Canal Light 15 (LLNR 2855) in Buffalo, NY. The light is currently not operational.		LNM: 11/24
LAKE ERIE - Willis Crib - Erie PA		
The Coast Guard is permanently disestablishing Willis Crib Isolated Danger Buoy "DW" (LLNR 3492) in Erie, PA. The operation of Willis Crib Dock Light (LLNR 3490) will not change.		LNM: 11/24
LAKE ERIE - Detroit - CHART 14854		
The Coast Guard will be changing the operation of the sound signal on Detroit River Light (LLNR 6885) from operating continuously, to Mariner Radio Activated Sound Signal (MRASS) year-round. The sound signal would be activated by keying the microphone five or more times on VHF FM channel 83A / 157.175MHz.		LNM: 50/23
LAKE ERIE - Sandusky Channel		
The Coast Guard will be changing the operation of Sandusky Straight Channel Buoy 15 (LLNR 4665) from a permanent unlighted buoy to a seasonally lighted buoy. The buoy will be lighted from Apr 14th to Dec 7th annually, and will display a Fl G 2.5s characteristic.		LNM: 19/24
STRAITS OF MACKINAC - Cheboygan River		
The Coast Guard is permanently changing the seasonal operation dates of Cheboygan River Entrance Lighted Buoy 2 (LLNR 11780) to unlighted from Nov 15th to May 1st. The change is in response to the recent installation of a year-round buoy hull and a shift in servicing unit capabilities.		LNM: 02/24
LAKE MICHIGAN - Frankfort Harbor		
The Coast Guard will be establishing the following floating aids to navigation in the inner harbor of Frankfort, MI.		

- Frankfort Harbor Buoy 1 (LLNR 18396), 44-37-47.477N, 086-14.28.844W
- Frankfort Harbor Buoy 2 (LLNR 18397), 44-37-44.991N, 086-14.28.777W
- Frankfort Harbor Buoy 3 (LLNR 18398), 44-37-48.323N, 086-14-24.383W
- Frankfort Harbor Buoy 4 (LLNR 18399), 44-37-45.055N, 086-14-24.677W

The lateral buoys will serve as gated pairs to assist mariners in navigating the inner harbor during periods of increased seasonal vessel traffic. The buoys will be seasonal in operation and will be deployed from the 14 of May to the 14 of October annually. Mariners are urged to utilize the channel for transiting and avoid anchoring or obstructing the navigational channel.

LNM: 15/24

LAKE MICHIGAN - Chicago

The Coast Guard will be permanently disestablishing the RACON signal on Chicago Lake Front Northeast Shoal Lighted Buoy 2 (LLNR 19790). The RACON signal has been permanently replaced by S-AIS (MMSI: 993672228). The physical and lighting characteristics of the buoy will remain unchanged.

LNM: 09/24

SECTION VI - PROPOSED CHANGES

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

PROPOSED WATERWAY PROJECTS OPEN FOR PUBLIC COMMENT

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

Proposed Change Notice(s)

ST. MARYS RIVER - Lime Island

The Coast Guard is evaluating the reestablishment of the physical Lime Island Traffic Lighted Buoy (LLNR 12915) in the St. Marys River, MI. The physical aid was previously replaced by a V-AIS buoy. The lighted buoy would be seasonal in operation and not replaced by a winter mark. Mariners are encouraged to provide feedback to the Ninth District Aids to Navigation Office regarding the possible redeployment of the lighted buoy, as well as the function of the current V-AIS buoy.

LNM: 14/24

LAKE SUPERIOR – Duluth Harbor

The Coast Guard is evaluating the reestablishment of the physical Duluth Harbor Basin Traffic Lighted Buoy (LLNR 15870) in Duluth Harbor, MN. The physical aid was previously replaced by a V-AIS buoy. The lighted buoy would be seasonal in operation and not replaced by a winter mark. Mariners are encouraged to provide feedback to the Ninth District Aids to Navigation Office regarding the possible redeployment of the lighted buoy, as well as the function of the current V-AIS buoy.

LNM: 14/24

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

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

LNM: 30/13

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 throughout the Great Lakes Region. 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 (206) 815-0913. You may also complete the survey attached to the Local Notice to Mariner and either email it or mail it to: Commander (dpw), Ninth Coast Guard District, 1240 East Ninth St., Cleveland, Ohio 44199.

The following waterways will be evaluated for the duration of calendar year 2024 and will be accepting comment until 31Dec2024:

- 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)

Waterways Analysis and Management System

Ashtabula Harbor
(LLNR 3740-3830)
Fairport Harbor
(LLNR 3835-3955)

LNLM: 11/24

GREAT LAKES - Marine Events

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

LNLM: 24/13

LAKE ONTARIO – Little Sodus Bay – Chart 14800

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

LNLM: 19/23

LAKE ONTARIO - Crescent Beach Breakwater

A series of breakwater barriers are being constructed in Lake Ontario near Crescent Beach, to the east of Sodus Point, NY. Work will be conducted from 01 April 2024, to 30 November 2024 between the hours of 0500 to 2000. Hours are dependent on weather conditions. Construction vessels can be hailed on VHF Channel 16. Inquiries related to the project can be directed to Mr. Glenn Roet at (315) 575-6091. All mariners are advised to stay clear of workboats, barges, floating or submerged equipment in the operational work area between floating navigation buoys detailed below and the shoreline.

- 1 N43°16'21.77817" W76°57'52.20335"
- 2 N43°16'20.93870" W76°57'46.38712"
- 3 N43°16'20.17974" W76°57'41.15137"
- 4 N43°16'19.26083" W76°57'36.11887"
- 5 N43°16'17.99008" W76°57'30.33037"
- 6 N43°16'16.95743" W76°57'25.59050"
- 11 N43°16'26.91154" W76°56'44.64137"
- 12 N43°16'29.34557" W76°56'39.60362"
- 13 N43°16'31.87966" W76°56'34.99165"
- 14 N43°16'33.90231" W76°56'31.32131"

LNLM: 14/24

LAKE ERIE – Erie Harbor

From 1 June 2024 to 15 July 2024 Ryba Marine Construction Co will be conducting dredging in Erie Harbor. 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.

LNLM: 20/24

LAKE ERIE – OH - Ashtabula Harbor – Chart 14836

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

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

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

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

The coordinates, in decimal degrees, are as follows:

1. 41.918447801N 80.790362308W
2. 41.916367139N 80.788014301W
3. 41.916189406N 80.787730327W
4. 41.916026216N 80.787424318W
5. 41.915640784N 80.786454826W
6. 41.916242815N 80.783904852W

All mariners are requested to transit the area with caution.

LNLM: 17/23

LAKE ERIE – Cleveland Harbor – Chart 14839

Submerged obstructions were reported and confirmed in location 41° 29.380' N, 081° 41.906' W (NAD83) on the Cuyahoga river's left descending bank just east of the Columbus Road Bridge. The USACE completed a hydrological survey on 07 December 2023, which identified four obstructions on the river's bottom believed to be sections of steel corrugated bulkhead originating from a nearby retaining wall. The failed sections settled at the bottom of the river approximately 20 feet into the navigational channel and were measured to be between 18-21 feet from the water's surface. Marines may contact the Sector Eastern Great Lakes Command Center with any questions by phone at 716-843-9596. The most current USACE

LAKE ERIE – Cleveland Harbor – Chart 14839

Hydrographic Survey data can be found on their website here: Buffalo District Maps and Charts (army.mil). All mariners are requested to transit the area with extreme caution.

LNM: 51/23

LAKE ERIE – Cleveland Harbor

From 6 May 2024 to 18 July 2024 Ryba Marine Construction Co will be conducting dredging in Cleveland 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: 18/24

LAKE ERIE- Rocky River

Shoaling has been reported at the mouth of the Rocky River and throughout its entirety, exceeding 5 feet above low water datum inside the main channel. Of major note, the turning basin located at the mouth of the river on the west bank measures in areas at less than one foot. The latest U.S. Army Corps of Engineers hydrological survey can be found online via links above. All mariners are requested to transit the area with caution.

LNM: 08/24

LAKE ERIE – Maumee River

From 08 Jan 2024 to 31 Oct 2025 Mark Haynes Construction will be conducting island restoration of the Clark and Delaware/Horseshoe islands on the Maumee River near river mile 9. Hours of operation are from 0700 to 1700 Monday to Thursday. Two temporary causeways are constructed between the shore and islands that block the side channel at the following locations.

1. Immediately downstream of the Maumee River Yacht Club.
2. Walbridge Park Boat launch.

Boaters entering the river should follow alternate routes marked by temporary buoys. For more information, please visit:
<https://www.toledoport.org/projects/clark-and-delawarehorseshoe-islands-restoration-projects/>

LNM: 08/24

LAKE ERIE - Monroe

From 01 July 2024 to 01 Oct 2024 Dean Marine and Excavating will be dredging in Monroe MI. Hours of operation are 24 hours a day 7 days a week. Tug Megan and Dredge Louise can be contacted on VHF channels 16 and 79. All mariners are requested to transit the area with caution.

LNM: 26/24

DETROIT RIVER – Belle Isle Intake

From 15 Apr 2024 to 15 Oct 2024 Dean Marine and Excavating will be conducting shoreline rehabilitation near the intake point Belle Isle. Hours of operation are from 0600 to 1900 7 days a week. Vessels can be contacted on VHF channels 16 and 79. All mariners are requested to transit the area with caution.

LNM: 14/24

DETROIT RIVER - Rouge River

From 24 Apr 2024 to 15 Sep 2024 Great Lakes Dock and Materials will be conducting mechanical dredging and capping in the Lower Rouge River. Hours of operation 12 Hours a day Monday thru Saturday. Barge Jacqueln, Tug Duluth and Tug Tracy Lynn can be contacted on VHF channels 16 and 18. All mariners are requested to transit the area with caution.

LNM: 17/24

LAKE ST. CLAIR

From 22 July 2024 to 31 July 2024 the AEM Group will be conducting sediment sampling in the upper St. Clair river and Lake Huron located upstream from Underwater railroad track crossing in Port Huron to five miles in the Federal Navigation Channel in Lake Huron. Hours of operation are from 0600 to 2000 7 days a week. All mariners are requested to transit the area with caution

LNM: 27/24

ST. MARYS RIVER – Neebish Channel

From 01 May 2024 to 01 Sep 2024 Roen Salvage Company will be conducting maintenance dredging in the Middle Neebish and West Neebish channels. Hours of operation are 24 hours a day 7 days a week. Tug David R Schanock can be contacted on VHF channels 7, 12 and 16. All mariners are requested to transit the area with caution.

LNM: 18/24

STRAITS OF MACKINAC

From 01 May 2024 to 01 October 2024 Kokosing Industrial Inc will be conducting stone laying over exposed sections of the new American Transmission Company 138V submarine power cables installed in 2021. Hours of operation are 24 hours a day 7 days a week. Tugs Nancy Anne, Champion, General, WM. Boyd, Shirley Ann and crew boat Timmy V can be contacted on VHF channels 13 and 16. All mariners are requested to maintain 500 yards away from survey vessels and to transit the area with caution.

LNM: 18/24

STRAITS OF MACKINAC – Point LaBarbe to McGulpin Point

From 29 May 2024 to 31 July 2024 Enbridge/Tetra Tech will be conducting underwater survey of Enbridge line 5 pipelines. Hours of operation are from 0600 to 1800 7 days a week. M/V Ugle Duckling can be contacted on VHF channels 13 and 16. The underwater survey effort will be conducted with a hybrid autonomous and remotely underwater vehicles (HAUV/ROV) with these vehicles supported from the vessel(s) noted above. All vessels are requested to remain 1500' (500-yard safety zone) away from the survey vessel.

LNM: 16/24

LAKE MICHIGAN – New Buffalo Harbor - Chart 14905

LAKE MICHIGAN – New Buffalo Harbor - Chart 14905

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

LNM: 15/22

LAKE MICHIGAN – Port Sheldon – Chart 14932

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

LNM: 15/23

LAKE MICHIGAN - Manistee

Shoaling has been reported in Lake Manistee in position 44-15.41N, 086-18.76W. All mariners are requested to transit the area with caution. For further details, contact Sector Lake Michigan at (414) 747-7182 or VHF channel 16.

LNM: 15/24

LAKE MICHIGAN - Manistee

From 28 June 2024 to 15 Aug 2024 the King Company will be conducting hydraulic dredging in Manistee MI. 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. All mariners are requested to transit the area with caution.

LNM: 26/24

LAKE MICHIGAN - Saugatuck

From 5 June 2024 to 10 July 2024 the King Company Inc will be conducting hydraulic dredging in the outer channel of Saugatuck MI. Hours of operation are 24 hours a day 7 days a week. Dredge Barry J can be contacted on VHF channels 16, 18 and 73. Submerged dredge pipe will be lying on the lake floor, marked by orange round buoys every 500 feet. (2) white buoys will be seen North and South of the dredge. The white buoys indicate winch anchor locations. The disposal area starts south of the pier 4,900' and runs for an additional 1,600' south. The primary contact will be the Superintendent Robert Lister. His cell number is listed below. During rough seas, our pipe pontoon will be floating outside of the channel. It is bright yellow, 25'x8'x6' and has (2) flashing lights on each end that come on at night.

LNM: 23/24

LAKE MICHIGAN – Muskegon Channel – Chart 14906

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

LNM: 17/23

LAKE MICHIGAN – Grand Haven

From 16 May 2023 to 15 July 2024 the U.S. Army Corps of Engineers will be conducting pier work at USACE facility and outer pierhead. Hours of operation are Wednesday May 22 through Wednesday May 29th 0700 to 1630, Wednesday June 5th through Wednesday June 12th 0700 to 1630, and Wednesday June 19th through Wednesday June 26th 0700 to 1630. Tug Mike Donlon can be contacted on VHF channels 16 and 17. All mariners are requested to transit the area with caution.

LNM: 20/24

LAKE MICHIGAN - Gary Indiana

From 5 June 2024 to 30 Oct 2024 Geodynamics, an NV5 Company will be conducting hydrographic survey in support of nautical chart updates. The survey area has nearshore work off Gary, In, Michigan City, In, ~4-8 nmi work off Highland Park, IL, and further offshore work ~9-20 nmi offshore of Chicago, IL. Surveys will be conducted 24 hours a day, 7 days a week, on the RV Substantial and 12 hours a day, 7 days a week on the RV Benthos. The RV Benthos is a 30 ft Armstrong aluminum catamaran survey vessel operating multibeam sonar. Provide 1/2 nautical mile distance when possible. Mariners are urged to transit at their slowest safe speed in the vicinity of the survey vessels to minimize wake. All survey vessels have AIS and will monitor VHF channels 16/13.

LNM: 22/24

LAKE MICHIGAN – Whihala Beach

Whoazone has established a waterborne obstacle course at the Whihala Beach that will be in operation from 10 June 2024 to 25 August 2024. It is requested that all traffic remain outside the designated area and transit the area with caution. Contact Sector Lake Michigan at (414) 747-7182 or Whoazone general manager at (219)234-2615.

LNM: 16/24

LAKE MICHIGAN - Indiana Harbor Canal

There is an obstruction on the south side of the Federal channel at the Indiana Harbor Canal in East Chicago, Indiana at the location of the former Canal St. bridge.

LNM: 16/24

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 - Kenosha

LAKE MICHIGAN - Kenosha

From 13 July 2024 to 24 July 2024 The King Company will be conducting dredging in the Kenosha Outer channel. Submerged dredge pipe will be lying on the lake floor, marked by orange round buoys every 500 feet. (2) white buoys will be seen North and South of the dredge. The white buoys indicate winch anchor locations. The disposal area starts south of the breakwater 10,000' and runs North 3,000'. The primary contact will be the Superintendent Robert Lister. His cell number is listed below. During rough seas, our pipe pontoon will be floating outside of the channel and at the placement area to the south. It is bright yellow, 25'x8'x6' and has (2) flashing amber lights on each end that come on at night.

LNM: 28/24

LAKE MICHIGAN - Kenosha

From 15 July 2024 to 31 Aug 2024 Great Lakes Dock and Material will be conducting breakwater repair in Kenosha Harbor. Hours of operation are 24 hours a day 7 days a week. Vessels onscene can be contacted on VHF channels 16 and 18. All mariners are requested to transit the area with caution.

LNM: 28/24

LAKE SUPERIOR – Little Lake Harbor – Chart 14961

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

LNM: 47/22

Lake Superior – Chequamegon Bay – Ashland, WI

On 04 JUL 2024, from 10:00 p.m. to 10:30 p.m. local time, a fireworks display will take place in the waters of Chequamegon bay in Ashland, WI within the arc of a circle with a radius of no more than 1,120 feet from the launch site at position 46°35'50" N, 090°52'59" W. Entry into, transiting, or anchoring within the safety zone is prohibited unless authorized by the Captain of the Port Duluth, or their on-scene representative. The Captain of the Port or on-scene representative may be contacted via VHF channel 16. vessel operators given permission to enter or operate in the safety zone must comply with all directions given to them by the Captain of the Port Duluth, or the on-scene representative.

LNM: 27/24

LAKE SUPERIOR - Two Harbors

1. THE UNIVERSITY OF MINNESOTA DULUTH AND NATIONAL WEATHER SERVICE HAS TEMPORARILY ESTABLISHED A LIGHTED BUOY, YELLOW FL 4S, IN POSITION 47-01-15.000N 091-37-30.000W, EAST OF TWO HARBORS, MN. TO RECORD METEOROLOGICAL DATA FOR WEATHER AND SCIENTIFIC OBSERVATIONS FROM JULY THRU NOVEMBER.

LNM: 27/24

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
17509	Joe's Point Buoy 19	48-27-09.840N 092-43-41.580W				Green can.	28/24
						*	*
17544	Lake Kabetogama Buoy 30	48-26-19.860N 092-50-56.880W				Red nun.	28/24
						*	*

ENCLOSURES

(1) LNM Section I - Special Notices

1-Great Lakes Water Levels

LNM: 06/22

(2) LNM Section II - Discrepancies

N/A

LNM: 19/19

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

N/A

LNM: 19/19

(4) LNM Section IV - Chart Corrections

N/A

LNM: 19/19

(5) LNM Section V - Advance Notices

N/A
LNM: 19/19

(6) LNM Section VI - Proposed Changes

N/A
LNM: 19/19

(7) LNM Section VII - General

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

(8) LNM Section VIII - Light List Corrections

N/A
LNM: 19/19

J. P. Hickey, RADM
U. S. Coast Guard
Commander, Ninth Coast Guard District

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

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

	Forecast Point	Low Water Datum IGLD 1985	Expected Levels (inches above or below Low Water Datum,0)				
			Current	Week 1	Week 2	Week 3	Week 4
			5-Jul	12-Jul	19-Jul	26-Jul	2-Aug
GREAT LAKES							
Lake Ontario		243.3	31	30	30	30	29
Lake Erie		569.2	45	44	43	42	41
Lake St. Clair		572.3	43	42	41	41	40
Lake Michigan-Huron		577.5	27	27	27	27	27
Lake Superior		601.1	12	12	13	14	14
ST. LAWRENCE RIVER							
Above Long Sault Dam	0	237.9	36	35	34	34	34
Above Iroquois Dam	1	240.3	27	26	26	26	25
Ogdensburg	2	242.4	28	27	26	26	25
Alexandria Bay	2.1	243.0	30	29	29	29	28
Head of river at Cape Vincent	3	243.3	31	30	30	30	29
DETROIT RIVER							
Lake Erie at Pelee Passage	4	569.2	45	44	43	42	41
Mouth of River at Gibraltar	5	569.5	48	46	46	45	43
Fort Wayne	5.1	571.1	47	46	46	45	44
Head of River above Belle Isle	6	572.0	44	43	42	42	41
ST. CLAIR RIVER							
Mouth of River at St. Clair Flats	7	572.3	43	42	41	41	40
Algonac	8	572.8	42	41	41	40	39
St. Clair	9	574.4	38	38	38	37	37
Blue Water Bridge	10	576.2	34	34	34	34	34
Head of River at Fort Gratiot	11	577.2	30	30	30	29	29
Lake Huron Approach Channel	12	577.5	27	27	27	27	27
ST. MARYS RIVER							
Mouth of River at Detour	13	577.5	27	27	27	27	27
West and Middle Neebish	14	577.8	24	24	24	24	24
Head of Little Rapids	15	578.4	22	22	22	22	22
U.S. Slip	16	578.7	20	20	20	20	20
Above Locks	17	600.4	14	15	15	16	17
Head of River at Point Iroquois	18	601.1	12	12	13	14	14

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:

Detroit District Corps of Engineers
477 Michigan Avenue
Detroit MI, 48226
1-888-694-8318 ex. 1
email: hphm@usace.army.mil

FOR MORE INFORMATION VISIT:

[Detroit District Great Lakes Homepage](#)
[International Joint Commission](#)
[Great Lakes Information Network](#)
[NOAA Tides and Currents](#)
[U.S. Coast Guard - District 9](#)

WATER LEVEL INFORMATION SUPPLIED BY:

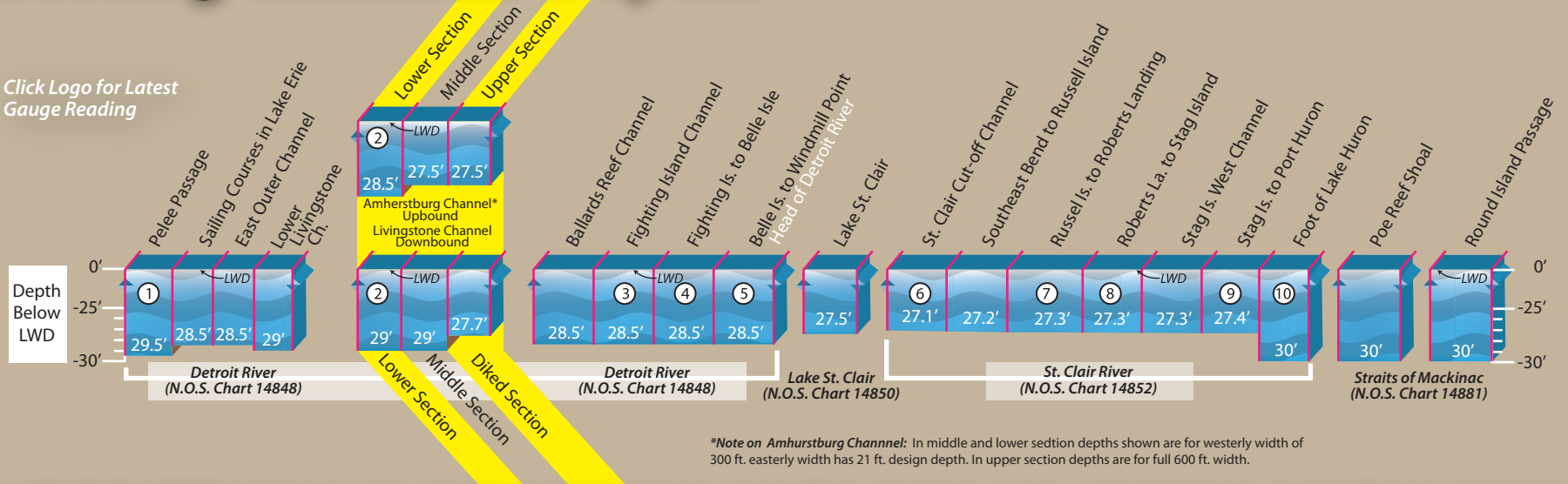
NOAA, National Ocean Service
SSMC4, STATION 7523
1305 East-West Hwy
Silver Spring, MD 20910-3233
(301) 713-2902

Connecting Channels Depths

Detroit & St. Clair Rivers



Click Logo for Latest Gauge Reading



*Note on Amherstburg Channel: In middle and lower section depths shown are for westerly width of 300 ft. easterly width has 21 ft. design depth. In upper section depths are for full 600 ft. width.

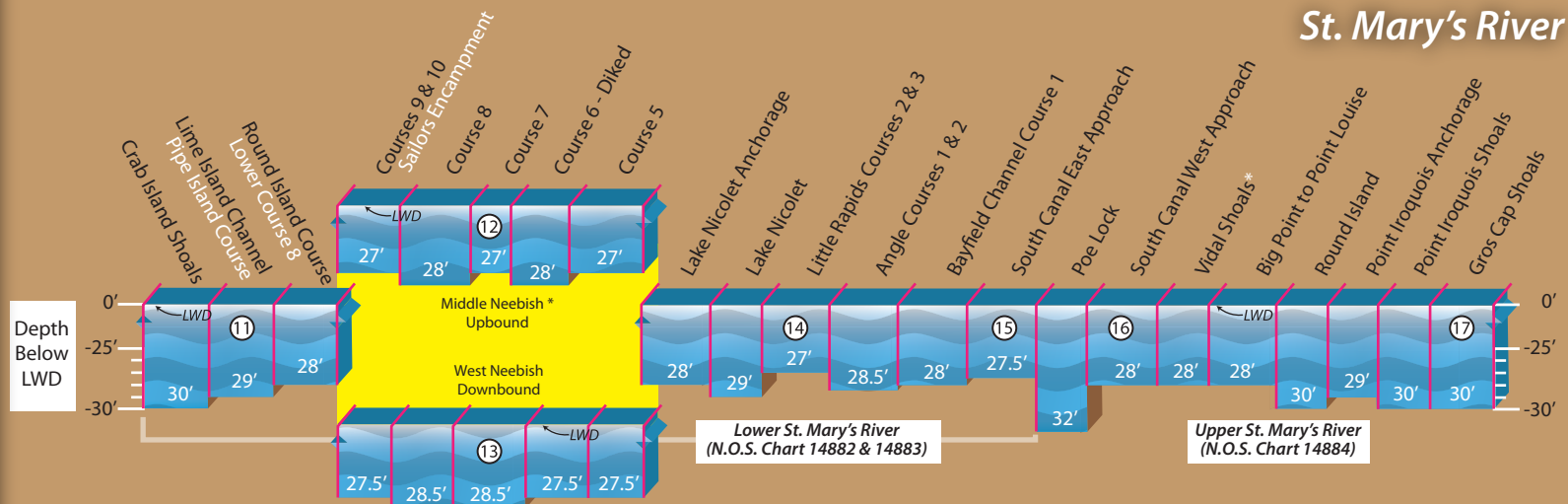
Detroit & St. Clair Rivers NOAA Gauge Locations: 1. Fermi, 2. Gibraltar, 3. Wyandotte, 4. Fort Wayne, 5. Windmill Point, 6. St. Clair Shores, 7. Algonac, 8. St. Clair State Police, 9. Mouth of Black River, 10. Fort Gratiot

This Chart is for general information only.

Vessel masters should refer to Local Notice to Mariners for extent of shoaling and scattered bedrock projections in all channels.

The connecting channels, as authorized, provide depths varying from 27 to 30 feet below Low Water Datum (LWD), depending on exposure of channel, hardness of bottom material and vessel squat in each reach. These depths are designed to permit maximum draft of 25'6" for lake vessels when the water level is at LWD. However, the individual vessel master should give further consideration to the characteristics peculiar to his vessel and to his individual clearance and safety requirements in determining the safe draft to which to load his vessel.

St. Mary's River



*Note on Middle Neebish: In courses 5, 6, 7, 8 & 9 depths shown are westerly width of 300 ft. in course 8 depth shown is for westerly width of 600 ft. In all courses easterly width has 21 ft. design depth.

*Note on Vidal Shoals: For the entire channel length, a design depth of 29' exist from 500' South to 300' North of the channel centerline. What remains of the 1500' total channel width is at a 28' project depth.

St. Mary's River NOAA Gauge Locations: 11. De Tour Village, 12. West Neebish Is, 13. Rock Cut, 14. Little Rapids, 15. U.S. Slip, 16. S.W. Pier 17. Point Iroquois



US Army Corps of Engineers®
Detroit District

GREAT LAKES-MARINE EVENT-SAFETY ZONES-SECURITY ZONES

Events listed below are those events that may have accompanying special local regulations.

<u>Location</u>	<u>Name of Event</u>	<u>Date / Time</u>	<u>POC</u>	<u>Tel #</u>
Morristown, NY.	Brockville Yacht Club	15 May - 15 Oct	1730-2030	Jason VanBlitterswyk 613-342-4155
Massena, NY	Major League Fishing	7/20/2024	0600-1400	Steve Sizemore 270-703-8882
Henderson Harbor	Christmas in July Regatta	7/27/2024	1600-2200	Gail Smith 480-296-3357
<u>LAKE ONTARIO</u>				
Youngstown, NY	LOOR LO300	13-17 Jul-24	1000-2400	Graham Dougall 866-462-8828
Youngstown, NY	LOOR LOSHRS Race 4 (Long Distance/100 miler)	17-18 Aug=24	1000-2330	Graham Dougall 866-462-8828
Sodus Bay, NY	Breakwater Barrier Construction Project outside Sodus	1 Apr-24-15 May-24	0700-2000	Glen Roet 315-564-6784
Sodus Bay, NY	Breakwater Barrier Construction Project outside Sodus	1 Aug- 31 Oct	0700-2000	Glen Roet 315-564-6784
Rochester, NY	Don Van Vechten Sunfish Regatta	3-Aug-24	1000-1500	William Dexter 585-461-2422
Rochester, NY	Brown Jug Afternoon Race	2-3 Sep	1200-1530	William Dexter 585-461-2422
Rochester, NY	Thistle Sailboat Fall Frontier Regatta	7-8 Sep	1100-1400	William Dexter 585-461-2422
Rochester, NY	RYC 2024 High School Sailing Program	13 Mar-10 Nov	various	Peter Mendick 585-342-5511
Rochester, NY	Lake Ontario Club Challenge LOCC	19-21 Jul	various	Peter Mendick 585-342-5511
Rochester, NY	RYC Annual Memorial Day Fleet Review	27-May-24	1450-1900	Peter Mendick 585-342-5511
Rochester, NY	RYC Jr Sail Instruction	19 Jun- 12 Aug	0900-1600	Peter Mendick 585-342-5511
Rochester, NY	Melges 15 Great Lakes Championship	12-14 Jul	various	Peter Mendick 585-342-5511
Rochester, NY	Lake Ontario Yacht Racing Association LYRA Regatta	29 Jul-4 Aug	various	Peter Mendick 585-342-5511
Rochester, NY	Junior Olympics	9-11 Aug	various	Peter Mendick 585-342-5511
Rochester, NY	Hospice Regatta	16-17 Aug	various	Peter Mendick 585-342-5511
Rochester, NY	Lambert Lai Regatta	23-25 Aug	various	Peter Mendick 585-342-5511
Rochester, NY	Genesee Yacht Club Tuesday Night Racing	21 May - 17 Sep	1730-2000	Kenny Fourspring 814-746-2183
Rochester, NY	Genesee Yacht Club Saturday Morning Racing	25 May - 5 Oct	1000-1300	Kenny Fourspring 814-746-2183
Rochester, NY	Genesee Yacht Club Boat Parade	26-May-24	1300-1500	Kenny Fourspring 814-746-2183
Rochester, NY	Genesee Yacht Club Scotch Bonnet Light Race	23-24 Aug	1700-1700	Kenny Fourspring 814-746-21440-781-03
Rochester, NY	RYC 2024 One Design and Offshore Racing Series	14 May - 14 Oct	various	Peter Mendick 585-342-5511
Niagara Falls, NY	Red Bull Niagara Swoop	04SEP24-07SEP24	0000-1830	Joe Kazar 518-859-6946
Rochester, NY	Head of Genessee Regatta	12OCT24-16OCT24	0600-1800	Liana Spencer 585-967-8683
<u>LAKE ERIE</u>				
Erie, PA	Jamison Family Heatwave Race #3	27-Jul-22	1600-1900	Sharon Dale 814-724-9968
Erie, PA	Night Light House Race	16-Aug-24	2000-0300	Sharon Dale 814-724-9968
Buffalo, NY	China Light Series (Tuesday Night Series), Buffalo Harb	21 May - 3 Sep	1810-2130	Laura Redding 716-574-0540

Buffalo, NY	Wednesday Night Series, Buffalo Harbor Sailing Club Race	22 May - 4 Sep	1810-2130	Laura Redding	716-574-0540
Buffalo, NY	Chuck Chilcott Summer Regatta, Buffalo Harbor Sailing Club	12-13 Jul	1810-1810	Laura Redding	716-574-0540
Buffalo, NY	Double Hand Series, Buffalo Harbor Sailing Club Race	5-25 Jul- 15 Aug	1810-2130	Laura Redding	716-574-0540
Buffalo, NY	Last Chance Regatta, Buffalo Harbor Sailing Club Race	11-Sep-24	1030-1430	Laura Redding	716-574-0540
Buffalo, NY	Die Hard Series, Buffalo Harbor Sailing Club Race	11 Sep -25 Sep	1810-2130	Laura Redding	716-574-0540
Buffalo, NY	Head of the Niagara	13-Oct-24	0700-1400	Ian Suchan	716-604-5156
Sheffield Lake, OH	Sheffield Lake Annual Community Days Festival	19-Jul-24	2200-2230	Katie DuVerney	(330)650-1776
Cleveland, OH	28th Annual Head of the Cuyahoga Regatta	21-Sep-24	0500-1700	Jen Forbes	(216)308-4183
Madison Township, OH	Madison Township Light Up The Park	10-Aug	2130-2200	John Cross	(330)650-1776
Cleveland/Ohio	2024 Pan-American Masters Games (Triathlon)	13-Jul-24	9:30 a.m. - 2:00 p.m.	Capt. Drew Ferguson	216-701-5582
Cleveland/Ohio	2024 Pan-American Masters Games (Triathlon)	14-Jul-24	0530-0930	Capt. Drew Ferguson	216-701-5582
Akron, OH	2024 Brogan Open Water Classic	29-Jun-24	0700-1100	Chuck Beatty	(330)808-4821
Cleveland, OH	Whiskey Island Boat Club Parade of Lights	20-Jul-24	2130-2300	Denny Prochaska	440-390-8228
Cleveland/Ohio	2027 Pan-American Masters Games (Rowing)	14-Jul-24	0530-1330	Capt. Drew Ferguson	216-701-5582
Ashtabula, OH	Wine and Walleye Festival	27 Jul 2024	8:30 p.m. - 11:30 p.m.	Shawn Gruber	440-344-1870
Buffalo, NY	GPI NYSTA South Grand Island Bridge Survey	15JUL24-19JUL24	0800-1800	Michael Nitchman	518-859-6946
North Tonawanda, NY	Canal Fest of the Tonawanda's-Sika Cup	20-Jul-24	1800-1900	Peter Chenier	716-846-4296
Northeast, PA	Erie Swim	28-Jul-24	0500-2100	Steve Bedilion	412-334-9072
Erie, PA	Jamison Family Heatwave Race #3	27-Jul-24	1600-1900	Sharon Dale	814-724-9968
Erie, PA	Erie Yacht Club Open Regatta	03AUG24-04AUG24	1000-1800	Sharon Dale	814-724-9968
Erie, PA	Night Light House Race	16AUG24-17AUG24	2000-0300	Sharon Dale	814-724-9968
Huron	Huron River Fest	7/12/2024	2200-2230	USCG	313-568-9560.

DETROIT RIVER

LAKE ST. CLAIR/St. Clair River

Detroit	Swim Across America	7/12/2024	0700-1200	USCG	313-568-9560.
Trenton	MLF BFL Bass Tournament #2	7/13/2024	0600-1400	USCG	313-568-9560.
St. Clair Shores	Lake Shore Sail Club Sunday Race #3	7/14/2024	1330-1500	USCG	313-568-9560.
Grosse Pointe	Windsor Yacht Club Race #9	7/10/2024	1900-2200	USCG	313-568-9560.
Essesxcille	Bayview Yacht Club Sailboat - Wednesday night Racing	7/10/2024	1800-2200	USCG	313-568-9560.
Harbor Beach	Harbor Beach Fireworks	7/13/2024	2100-2300	USCG	313-568-9560.

LAKE MICHIGAN & Green Bay

N/A

LAKE SUPERIOR

N/A



DNR
MICHIGAN DEPARTMENT OF NATURAL RESOURCES

INTEROFFICE COMMUNICATION

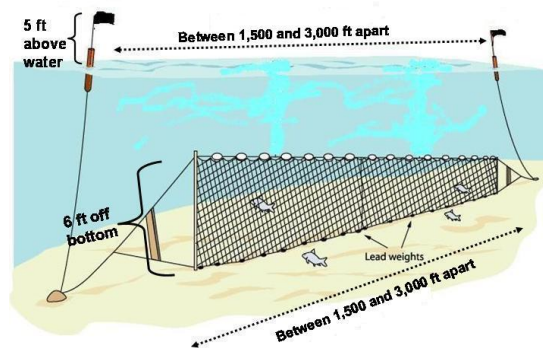
14 June 2024

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

FROM: Shawn P. Sitar, Science Officer, RV Lake Char, Marquette Fisheries Research Station

SUBJECT: RV Lake Char operations in Lake Superior 17 June-30 August

This is a note to inform you that we will be conducting a deepwater lake trout gill net survey aboard the Research Vessel *Lake Char* in Lake Superior starting 17 June April and should finish by 05 July. We also will be conducting our summer lake trout gill net survey in nearshore waters starting 29 July and should complete by 30 August. We will be setting bottom set gill nets that are 1,500-3,000 ft long, extend about 6 feet from the bottom and are set overnight. Our deepwater sampling stations will be at all depths from about 100 ft to 1,320 ft between Shot Point (Marquette) to the Munising Area and will be within a few miles from shore to 30 miles offshore. Our summer survey will be within a few miles of shore at depths between 90 and 250 ft. Our nets are marked with black and orange flagged staff buoys that are labeled with our agency identification.

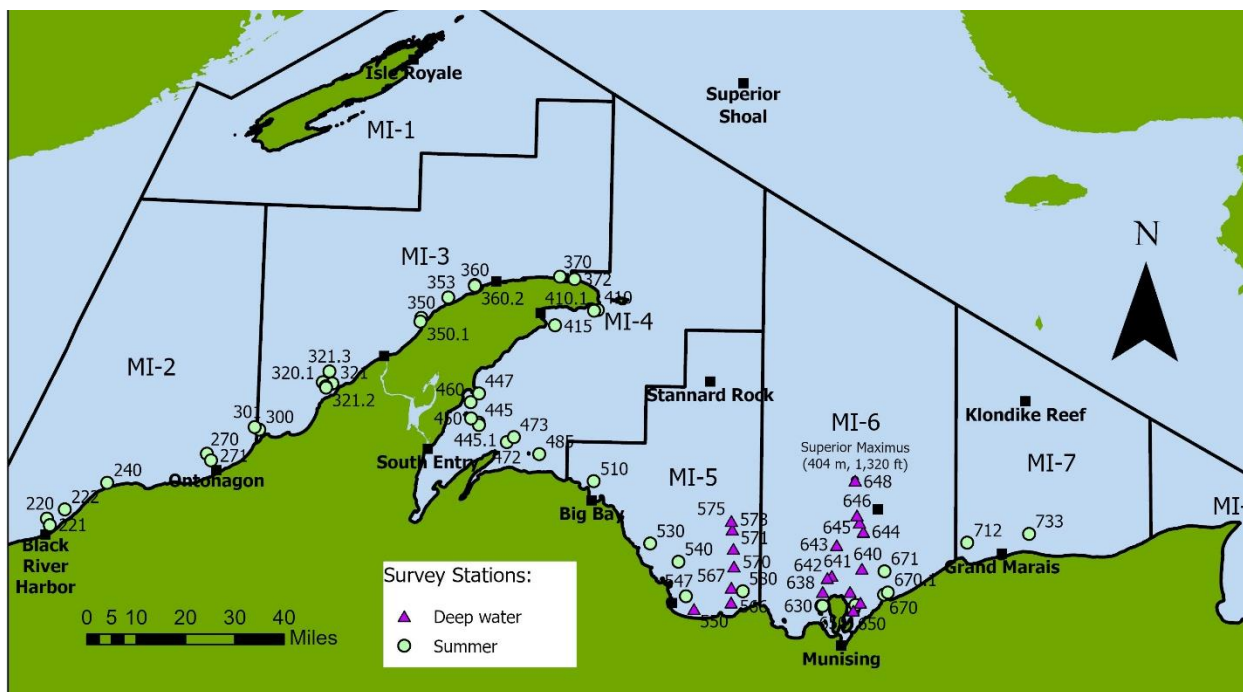


We will be conducting our surveys in the following areas of Lake Superior: Deepwater survey: between Shot Pt (Marquette) and Munising Bay/Pictured Rocks area. Summer Survey: west of

Keweenaw Peninsula from Black River Harbor to Copper Harbor; outer Keweenaw Bay from Bete Grise to the Huron Islands; Big Bay; Marquette; Au Train, Munising, and Grand Marais.

Attached is the cruise schedule, map, and sampling station coordinates for the lake trout survey. Note that weather conditions may delay the sampling dates. Please provide copies of this cruise schedule to all pertinent personnel. Please note that we can be reached via MIDNR 800 MHz Radios on our primary radio channel on Zone B, FIMARQT, or via marine radio channel 16. Our radio call sign is *RV Lake Char*. We can also be reached on the vessel via cell phone number 906-458-6925.

If you have any questions regarding our sampling schedule, please feel free to contact me by e-mail at sitars@michigan.gov or by cell phone at (906)-235-1581. Thank you for your cooperation.



RV Lake Char Deepwater and Summer Survey sampling stations June-August 2024.

2024 Deepwater lake trout survey schedule for RV Lake Char, Marquette Fisheries Research Station (MFRS), Michigan Department of Natural Resources.

Dates	Column2	Station_no	site	latitude	longitude
06/17	- 06/18/2024	642	FAT 6-6	46° 36.8" N	86° 42.82" W
06/17	- 06/18/2024	638	FAT 6-5A	46° 34.35" N	86° 43.98" W
06/20	- 06/21/2024	644	FAT 6-8	46° 45" N	86° 33.7" W
06/20	- 06/21/2024	643	FAT 6-7	46° 42.6" N	86° 40.5" W
06/24	- 06/25/2024	650	Trout Point (Trout Bay)/ FAT 6-1	46° 31.11" N	86° 36.13" W
06/24	- 06/25/2024	639	FAT 6-3, Grand Island, NE	46° 34.4" N	86° 37" W
06/25	- 06/26/2024	640	FAT 6-4	46° 38.5" N	86° 34" W
06/25	- 06/26/2024	645	FAT 6-9	46° 46.6" N	86° 34.7" W
06/25	- 06/26/2024	648	FAT 6-12, Superior Maximus	46° 54" N	86° 35.9" W
06/26	- 06/27/2024	647	FAT-6-11	46° 50" N	86° 35.37" W
06/26	- 06/27/2024	652	Trout Reef B-Brey (north)/ FAT 6-2	46° 32.51" N	86° 34.33" W
06/26	- 06/27/2024	646	FAT 6-10	46° 47.87" N	86° 35.37" W
06/27	- 06/28/2024	566	Fat 5-2, Shot Point	46° 32.3" N	87° 7.33" W
06/27	- 06/28/2024	567	Fat 5-3, Shot Point	46° 34.9" N	87° 7.33" W
07/01	- 07/02/2024	573	Fat 5-9, Shot Point	46° 45.15" N	87° 7.29" W
07/01	- 07/02/2024	575	Fat 5-11, Shot Point	46° 46.65" N	87° 7.55" W
07/02	- 07/03/2024	570	Fat 5-6, Shot Point	46° 38.65" N	87° 6.72" W
07/02	- 08/22/2020	571	Fat 5-7, Shot Point	46° 41.76" N	87° 6.93" W

2024 Summer lake trout survey schedule for RV Lake Char, Marquette Fisheries Research Station (MFRS), Michigan Department of Natural Resources.

Dates	Station_no	site	latitude	longitude
07/29 - 07/30/2024	530	Garlic Island	46°42.32"N	87°28.27"W
07/29 - 07/30/2024	510	Big Bay Point	46°53.09"N	87°43.03"W
07/29 - 07/30/2024	540	Granite Point (Pinnacle)	46°39.21"N	87°20.95"W
07/30 - 07/31/2024	485	Huron Islands (graded mesh)	46°57.63"N	87°57.17"W
07/30 - 07/31/2024	473	Point Abbaye (out)(graded mesh)	47°00.50"N	88°03.86"W
07/31 - 08/01/2024	445	Halberg's Reef	47°02.91"N	88°13.03"W
07/31 - 08/01/2024	447	Traverse Point	47°08.02"N	88°13.18"W
07/31 - 08/01/2024	450	Traverse Island (south)	47°03.60"N	88°15.03"W
08/05 - 08/06/2024	300	Fourteen Mile Point (in)	47°00.38"N	89°09.40"W
08/05 - 08/06/2024	301	Fourteen Mile Point (out)	47°00.80"N	89°10.65"W
08/06 - 08/07/2024	220	Black River Harbor (out)	46°43.00"N	90°02.77"W
08/06 - 08/07/2024	221	Black River Harbor (in)	46°41.90"N	90°01.98"W
08/06 - 08/07/2024	240	Porcupine Mountains	46°49.85"N	89°47.82"W
08/07 - 08/08/2024	270	Ontonagon (out)	46°55.75"N	89°22.57"W
08/07 - 08/08/2024	271	Ontonagon (in)	46°54.63"N	89°21.50"W
08/08 - 08/09/2024	320	Freda (out) (graded mesh)	47°09.53"N	88°52.25"W
08/08 - 08/09/2024	321	Freda (in) (graded mesh)	47°09.00"N	88°51.00"W
08/08 - 08/09/2024	350	Hills Creek	47°21.05"N	88°28.62"W
08/12 - 08/13/2024	360	Great Sand Bay	47°27.10"N	88°15.00"W
08/12 - 08/22/2020	370	Copper Harbor	47°29.00"N	87°52.93"W
08/13 - 08/14/2024	410	Keystone Bay	47°23.26"N	87°42.93"W
08/13 - 08/14/2024	415	Point Isabelle (South Point)	47°20.39"N	87°53.93"W
08/14 - 08/15/2024	580	Laughing Fish Point	46°34.19"N	87°04.39"W
08/19 - 08/20/2024	650	Trout Point A	46°32.00"N	86°35.57"W
08/19 - 08/20/2024	630	Wood Island (graded mesh)	46°31.76"N	86°44.32"W
08/20 - 08/21/2024	670	Grand Portal Point (in)	46°33.88"N	86°28.32"W
08/20 - 08/21/2024	671	Grand Portal Point (out)	46°37.96"N	86°28.22"W
08/21 - 08/22/2024	712	Au Sable Point	46°43.02"N	86°07.04"W
08/21 - 08/22/2024	733	Perry's Landing (graded mesh)	46°44.58"N	85°51.26"W

2024
GREAT LAKES SINGLEHANDED SOCIETY
46th PORT HURON / 28th CHICAGO TO MACKINAC SOLO CHALLENGE

SAILING INSTRUCTIONS

1. ORGANIZING AUTHORITY

The Great Lakes Singlehanded Society (GLSS) shall be the Organizing Authority of the Challenges.

2. START DATE

The starts of the GLSS Port Huron to Mackinac and Chicago to Mackinac Challenges shall be Saturday, June 22, 2024.

3. RULES

The Challenges shall be governed by the current Racing Rules of Sailing (RRS), the Notice and Conditions of Race and the Sailing Instructions.

4. SKIPPERS

Skippers shall consist of one person who has fulfilled the qualification requirements in the Notice of Race and has been approved by the Great Lakes Singlehanded Society (GLSS) Board of Directors.

5. ELIGIBILITY

5.1 The Challenge is open by invitation of the Great Lakes Singlehanded Society to boats in compliance with:

- (a) The 2024 Notice and Conditions of Race and
- (b) The 2024 Required Equipment List.

5.2 Yachts may optionally fly their national flag of registry and a visiting country courtesy flag if so desired. US Sailing RRS 55 does not apply to the display or signaling of either of these flags for this event.

6. TIME ZONES

6.1 All times shown in the Notice of Race and these Sailing instructions involving pre-Race and on-the-water requirements, including the starts, call-ins and finishing times shall be as follows:

- (a) Competitors in the Challenge(s) originating in Port Huron shall use Eastern Daylight Time (EDT)
- (b) Competitors in the Challenge(s) originating in Chicago shall use Central Daylight Time. (CDT)

6.2 All onshore activities at Mackinac Island shall be expressed in Eastern Daylight Time (EDT)

7. NOTICES TO SKIPPERS

7.1 Prior to the start, Notices to Skippers shall be posted on the Official Notice Boards located on Yacht Scoring website <https://yachtscoring.com/emenu.cfm?eid=15871> and at:

- (a.) The Vintage Tavern, 103 Michigan St., Port Huron, MI, during registration on Friday, June 21, 2024
- (b) The Columbia Yacht Club, 111 N. Lakeshore Drive, Chicago, IL 60601, during registration on Friday, June 21, 2024

7.2 After the start, Notices to Skippers shall be posted on the Official Notice Board of the Great Lakes Singlehanded Society Race Committee located at the Mackinac Island Yacht Club.

8. CHANGES IN SAILING INSTRUCTIONS

Changes in the Sailing Instructions after the Skippers' Meeting shall be broadcast by the Race Committee on VHF Channel 72 prior to the start of the Challenge.

9. THE START

9.1 A complete description of the starting area shall be provided at the Skippers' Meeting.

9.2 Yachts not starting must stay at least 200 yards away from the starting area.

9.3 The Starting Sequence signal shall be made in accordance with RRS 26 except that the warning signal will be given 10 minutes before the starting signal. Starting times, starting sequences and division splits shall be provided at the Skippers' Meeting.

9.4 All Skippers shall check in with the Race Committee via VHF Channel 72 prior to the start

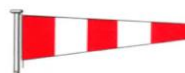
10. START TIME

10.1 The warning signal of the Challenges beginning in Port Huron shall be 9:50 AM (EDT). The start shall be at 10:00 AM (EDT)

10.2 The warning signal of the Challenges beginning in Chicago shall be 8:50 AM (CDT). The start shall be at 9:00 AM (CDT)

11. POSTPONEMENT

Skippers shall be notified of a postponement from the Race Committee with the display of the code shape AP



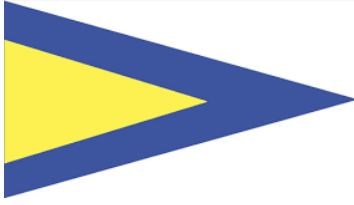
(vertical red and white stripes) accompanied with two sounds

12. RECALLS

12.1 Individual Recalls - Boats on the course side before the start shall be signaled in accordance with RRS 29.1, Flag X (blue cross on white background) with one sound. In addition, the Race Committee shall attempt to notify boats on the course side before the start on VHF Channel 72. Boats failing to return and start properly shall be assessed a 30-minute penalty plus the amount of time started early in lieu of disqualification. Failure to hear a courtesy hail shall not be grounds for redress.



12.2 General Recalls - A general recall for a division shall be made in accordance with RRS 29.3. The Race Committee shall signal a general recall by displaying the first substitute flag (yellow triangle on blue background) and two sounds. The warning signal for a new start for the recalled class shall be made one minute after the first substitute is removed (one sound) and the starts for any succeeding divisions shall follow the new start.



2024 3/7

13 THE STARTING AREA

13.1 Port Huron Challenges: The starting line shall be approximately 1.5 miles North of SARNIA YACHT CLUB at the "M" mark which is located at 43 01.306 N 82 23.598 W. The line shall be between the mark on the west end of the starting line and the Race Committee boat located at the east end of the starting line.

13.2 Chicago Challenges: The starting line shall be east of the south end of the Chicago Harbor outer break wall. The line shall be between a point on the south end of the Chicago Harbor outer break wall and the Race Committee boat located at the east end of the starting line.

14. THE COURSES AND MARKS

14.1 PORT HURON CHALLENGE:

- (a) Start at Port Huron as stated in 13.1 to Finish at Mackinac Island
- (b) Boats shall perform a navigational rounding of the Goderich mark (43 43.3 N and 81 46.2 W) leaving it to port before proceeding on toward Mackinac Island. A full description of the mark shall be provided at the Skipper's meeting
- (c) Skippers shall record in the boat's log and on the Rounding Report, provided at the Skippers Meeting, the following information: the time of the Goderich rounding, the identity and time of rounding of both the boats ahead and astern if known. Boats shall confirm the identity of the boat ahead and astern by **VHF Channel 72** if possible.
- (d) Thunder Bay Island and Bois Blanc Island are marks of the course and shall be left to port.
- (e) Boats shall pass through the Finish Line at Mackinac Island, confirm their time with the Race Committee. The time shall be entered on the Rounding Report.

14.2 CHICAGO CHALLENGE:

- (a) Start at Chicago to Finish at Mackinac Island.
- (b) Boats shall leave Gray's Reef Passage Channel Lighted Buoy 7 (LL No. 17780) to starboard.
- (c) Boats shall leave New Shoal Lighted Bell Buoy 3 (LL No. 17745) to starboard. A full description of the Gray's Reef mark shall be provided at the Skippers' Meeting
- (d) Skippers shall record in the boat's log and on the Rounding Report, provided at the Skippers Meeting, the following information: the time of rounding, the identity and time of rounding of both the boats ahead and astern if known. Boats shall confirm the identity of the boats ahead and astern by **VHF Channel 72** if possible.
- (e) Boats shall pass under one of the three center spans of the Mackinac Bridge
- (f) Boats shall leave South Graham Shoal Buoy (LL No. 12635) to port

15. The Finish

15.1 Finish Line: The finish line shall be between a line, determined by the Race Director, on the window of the Mackinac Island Yacht Club and Round Island Lighted Buoy 3 (LL No. 12575) (45° 50 27.447N 084° 36 31.090W). A diagram of the finish line Mackinac Island shall be provided at the Skippers' Meeting.

15.2 Due to a common finish line, Skippers shall monitor VHF Channel 72 and to be aware of boats finishing from an opposing direction. A Skipper already finished shall **STAY CLEAR** of other boats that have not finished.

15.3 Finishing Procedure:

- (a) Skippers shall notify the Race Committee at Mackinac Island via VHF Channel 72 approximately **one hour** before the estimated time of finishing the Challenge. After crossing the finish line, the Skippers shall verify their finish with the Race Committee on VHF Channel 72. A boat may be deemed to have not finished without acknowledgement by the Race Committee.
- (b) Skippers shall complete a Finish Report which includes the boat's finishing time and the boat finishing ahead and/or behind, if known.
- (c) During hours of darkness, a boat shall illuminate its sail numbers for identification by the Race Committee.

15.4 **Check-in.** Within two (2) hours after finishing the course and Inspection, Skippers must report to the Race Committee headquarters at the Mackinac Island Yacht Club for check in. This includes signing the Skippers' Register, submitting the Radio Log, the Rounding Report and Finish Report. Any delay after the two-hour time limit will be subject to penalty.

16. TIME LIMIT

Any Skipper finishing after 1200 hours, Wednesday, June 26, 2024, shall submit all the required forms and petition for an approval of their finish by the GLSS Board of Directors.

17. INSPECTION

Upon the completion of the Challenge, each Skipper's boat may be subject to an inspection to verify compliance with the Required Equipment rule. A boat failing to comply with this Section 17 may be assessed a time penalty or be disqualified and not listed as an official finisher.

18. PROTESTS AND ALTERNATIVE PENALTIES

18.1 A boat protesting another boat shall do so in accordance with RRS 61 within four hours of the finish of the protesting boat. A protest by a boat that has abandoned the Challenge must be received or postmarked within 24 hours of arriving at a harbor of refuge.

18.2 Notice of intention to protest shall be given to the Race Committee when checking in. The Skipper of a protesting boat which finishes the Challenge must not leave Mackinac Island without notifying the Race Committee, failing which; the protest may be decided against such Skipper.

18.3 Protests should be submitted on a U.S. Sailing Protest Form, which shall be made available at the Race Committee Headquarters on Mackinac Island and is available at <https://www.ussailing.org/resource-library/us-sailing-hearing-request-form/>

18.4 Protests shall be heard as soon as practicable thereafter and the date and time shall be posted on the Official Notice Board at the Mackinac Island Race Headquarters.

18.5 Penalties imposed by the Protest Committee may include disqualification or in lieu thereof, the Protest Committee may penalize a boat by having its corrected time increased.

19. SCORING

19.1 Each boat that completes the Challenge shall be ranked by its corrected time in its division or class.

19.2 Corrected times shall be calculated on a time-on-distance basis using a course length of 230 nautical miles for the Port Huron start and 287 nautical miles for the Chicago start.

20. AWARDS

20.1 Skippers and their guests are invited to attend the Awards Luncheon to be held at the Mackinac Island Yacht Club at 1200 hours on Wednesday, June 26, 2024.

20.2 All Skippers who complete a Challenge within these Sailing Instructions and the Notice of Race shall be awarded a commemorative medallion for each Challenge completed acknowledging this achievement as set forth in the Notice of Race.

20.3 Flags shall be distributed as set forth in the Notice of Race.

21. RESPONSIBILITY TO REPORT

21.1 Any Skipper observing infractions of the Notice of Race and these Sailing Instructions is expected to report such infractions to the Race Committee.

21.2 At the conclusion of the Challenge, Skippers may be required to temporarily surrender their boat's log for inspection by the Race Committee.

21.3 A Skipper shall attempt to notify the Race Committee if it is apparent that he/she shall finish later than 1200 hours on Wednesday, June 26, 2024.

21.4 Should a Skipper withdraw from the Challenge; it is the responsibility of the Skipper to notify the Race Committee on Mackinac Island at the earliest opportunity. Phone numbers shall be provided at the Skippers' Meeting.

21.5 In the event that a Skipper temporarily anchors or lays to for more than 8 hours, the skipper must attempt to notify the Race Committee or another Skipper by VHF or telephone.

21.6 Mandatory Radio Log and Call-in Skippers shall attempt to make radio contact with other Skippers on VHF Channel 72 every 6 hours after the start of the challenge. Skippers missing a call-in shall be subject to penalty. Channel 72 is to be monitored for 30 minutes at the appropriate times. Radio contact with other Skippers is to be logged noting time, position, and other pertinent information. A form for this Radio Log shall be provided at the Skippers' meeting. Skippers shall turn in the log to the Race Committee on Mackinac Island within two (2) hours of finishing the Challenge and clearing docking. Skippers shall maintain a boat's log noting position and conditions with entries recommended at least every 3 hours.

22. SPECIAL AIDS

22.1 The use of electronic navigational aids (i.e., GPS, Radar, and LORAN) is permissible.

22.2 The use of powered winches and powered winch drivers is permitted.

23. OUTSIDE ASSISTANCE

23.1 The RRS 41 shall apply and include the following:

23.2 A boat may anchor or tie to a dock.

23.3 During the Challenge including when a boat is anchored or moored, the following is specifically PROHIBITED:

- (a) Any prearranged transmissions for the advantage of the individual Skippers.
- (b) Communications with non-participants for the purpose of a position fix.
- (c) Outside physical assistance, an example of which is to free a grounded boat.**
- (d) Materials, equipment or supplies of any sort shall not be taken aboard the boat.
- (e) No materials shall leave the boat except that accidentally fall overboard or are supplied to others in distress.

23.4 Should a Skipper feel that it is necessary to **temporarily** pull out of the Challenge, he/she shall continue to be as self-sufficient as they if still on the course and remain on the boat except to attend to docking. The skipper is **REQUIRED** to notify the race committee of his/her withdrawal and intent to re-enter the Challenge. The skipper will notify the race committee of his/her re-entry into the challenge PRIOR TO RE-ENTRY. The skipper will not be scored until an appeal is approved by the GLSS Board of Directors. The appeal should contain, at a minimum, the following: a written detailed description of the cause of the temporary withdrawal, corrective action(s) taken, and a time line. The Skipper shall make every effort to minimize motor use, and to minimize the time spent in a harbor. These details will be taken into consideration when the Board reviews the finish.

24. PROPULSION

24.1 RRS 42 shall apply as except the following:

- (a) A boat that has not yet started may use engine propulsion to proceed to no closer 200 yards from the starting area after the preparatory signal for its class.
- (b) Engine propulsion may be used to avoid a collision with commercial traffic providing that such usage does not advance the boat's position from its original position just prior to the hazardous incident.
- (c) A boat may temporarily pull out of the Challenge. In order to safely enter or leave a harbor, motoring from a minimum safe distance for the conditions is acceptable. Any motoring that would be necessary must not improve the Skipper's position.
- (d) An engine may be used for generating electrical power provided that such use does not advance the boat's position.
- (e) All uses of the engine for propulsion must be logged and reported to the Race Committee when registering after the Challenge.
- (f) The use of engine power to free a grounded vessel shall be permitted if its use does not advance the vessel's position.
- (g) Engine propulsion may be used to clear seaweed or fish netting from the keel, rudder, or propeller if the use does not improve the boat's position.

25. SEAMANSHIP

25.1 The Great Lakes Singlehanded Society stresses that the spirit of the Challenge is to complete a safe and seamanlike passage. The fact that an event is being held does not condone unseamanlike conduct in fog, traffic, or conditions of fatigue.

25.2 The Race Committee stresses Rule 5 of the Inland Rules of the Road: **"EVERY VESSEL SHALL, AT ALL TIMES, MAINTAIN A PROPER LOOKOUT BY SIGHT AS WELL AS BY ALL AVAILABLE MEANS APPROPRIATE IN THE PREVAILING CIRCUMSTANCES AND CONDITIONS AS TO MAKE FULL APPRAISAL OF THE SITUATION AND THE RISK OF COLLISION."**

26. SPOT TRACKING

A SPOT or other Messaging and Tracking device using satellite communications capable of sending a manual "OK" signal and set to a ping rate of no less than every 30 minutes is phased in as of 2024

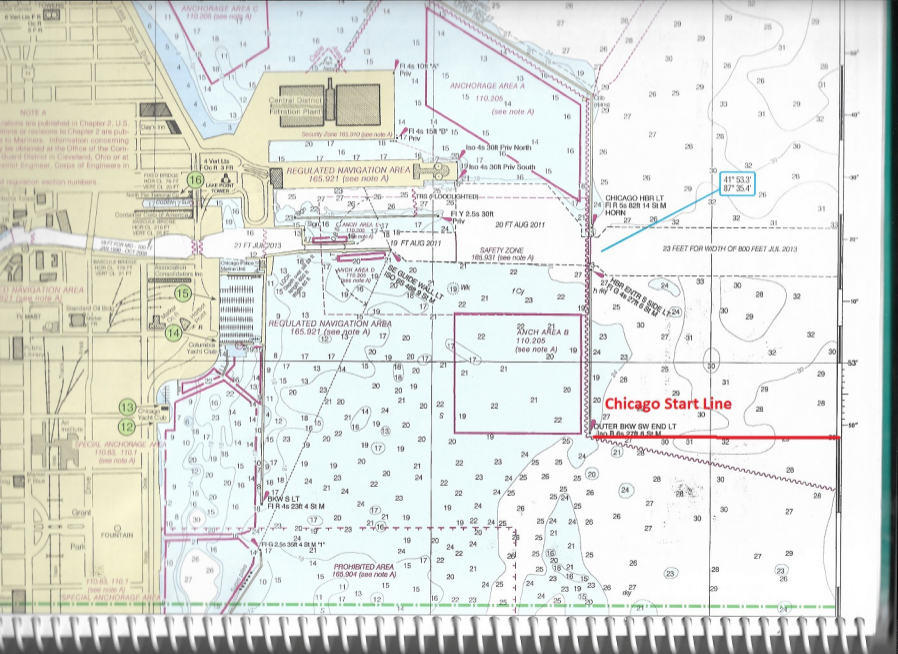
For New Participants and Existing GLSS members this is **MANDATORY** as of 2024.

These devices must be registered with proper contact information to be useful and a contact shall be provided for all events.

.

27. AIS

AIS transponder identifying the yacht's position, course and speed to other craft is **MANDATORY** for 2024, except for solo sailors who have already completed at least 20 GLSS Solo Challenges.



NOTE A
Regulations are published in Chapter 2, U.S. Coast and Geodetic Survey, and are published in the same manner. Information concerning the chart is obtained at the Office of the Commandant, District of Cleveland, Ohio or at the District Engineer, Corps of Engineers in Cleveland, Ohio.

REGULATED NAVIGATION AREA 165.921 (see note A)

ANCHORAGE AREA A 170.205 (see note A)

SPECIAL ANCHORAGE AREA 110.83, 110.1 (see note A)

SPECIAL ANCHORAGE AREA 110.83, 110.1 (see note A)

41° 53.3'
87° 35.4'

Chicago Start Line

PROHIBITED AREA 165.904 (see note A)

23 FEET FOR WIDTH OF 800 FEET JUL 2013

SAFETY ZONE 165.931 (see note A)

REGULATED NAVIGATION AREA 165.921 (see note A)

REGULATED NAVIGATION AREA 165.921 (see note A)

ANCH AREA B 110.205 (see note A)

FOUNTAIN

Park

Grant

Chicago Yacht Club

Chicago Yacht Club

Chicago Yacht Club

Chicago Yacht Club

Chicago Yacht Club

Chicago Yacht Club

Chicago Yacht Club

Chicago Yacht Club

Chicago Yacht Club

Chicago Yacht Club

Chicago Yacht Club

DEPARTMENT OF HOMELAND SECURITY
U.S. COAST GUARD

PERMIT FOR MARINE EVENT

Date Approved
03/06/2024

Name of Event	Location	Date of Event
Chicago-Mackinac Island Solo Challenge	Chicago to Mackinac Island	06/22/2024
Sponsoring Organization	Name of Representative (Last, First, MI)	Title
Great Lakes Singlehanded Society	Reichling, Elisabeth	Race Director

Your application for the following event is approved. Special services to be rendered by the Coast Guard are listed. You are reminded that your organization is primarily responsible for safety in the regatta area and that this permit does not relieve you of such responsibility. Participants shall be adequately briefed and their boats equipped as required by law. A permit may also be required by a state, county or municipal agency. This authorization grants no exemption from state or local ordinances. In the event of any change in the information furnished in your application you will notify this office.

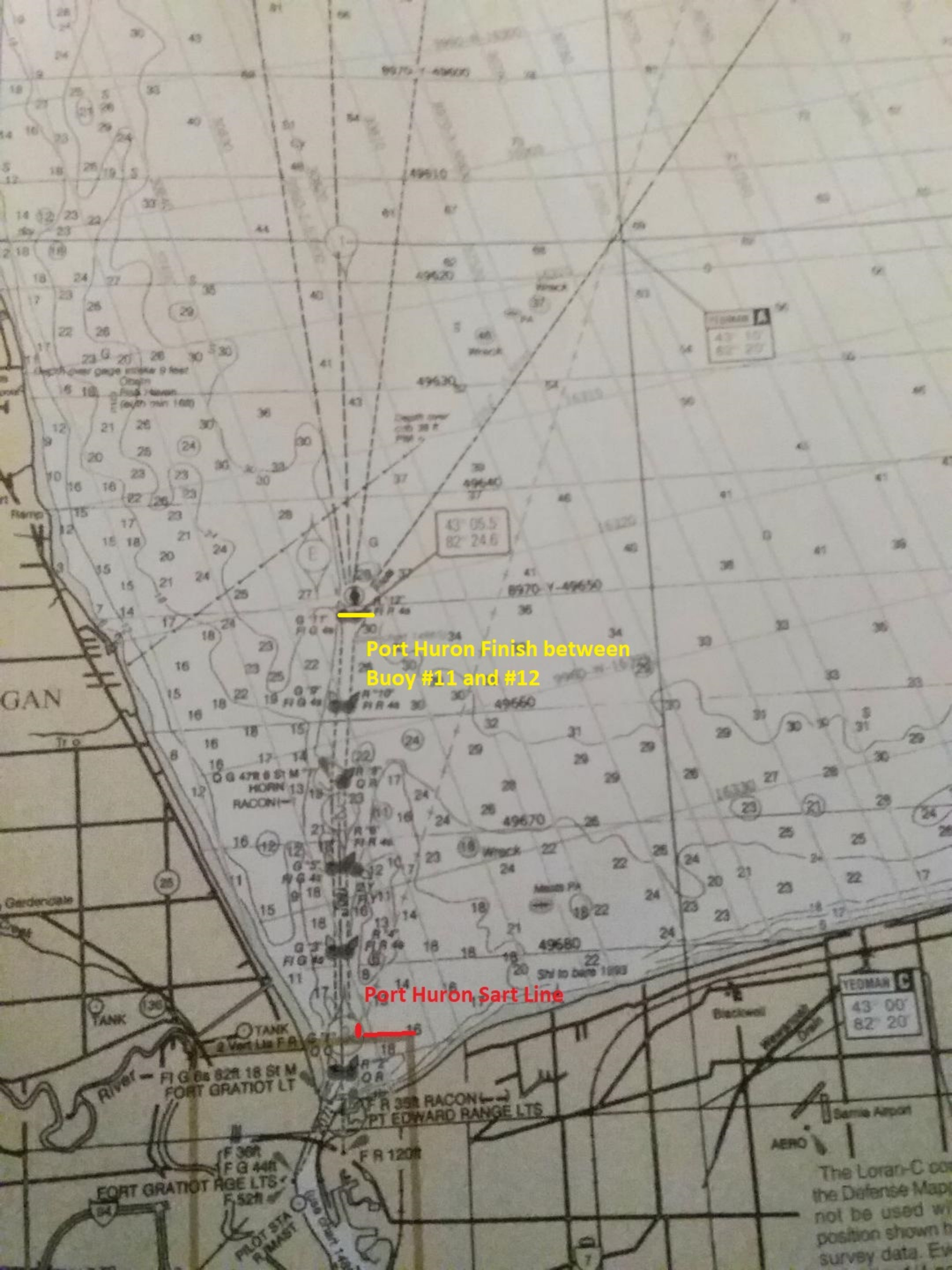
- | | |
|--|---|
| <p><input checked="" type="checkbox"/> There will not be a Special Local Regulation issued. No restriction is placed on the use of any navigable waters by other parties. Your event shall not obstruct any channel or normal shipping lane, or interfere with any aid to navigation. The Committeeman in Charge shall control participants to prevent conditions hazardous to other craft in the area.</p> <p><input type="checkbox"/> There will be a Special Local Regulation issued establishing a restricted area and other controls. You will be provided a copy for guidance. The Committeeman in Charge shall control participants to prevent conditions hazardous to other craft in the area.</p> | <p><input checked="" type="checkbox"/> There will be a Local Notice to Mariners issued to inform maritime interests and solicit their cooperation.</p> <p><input checked="" type="checkbox"/> There will not be a Regatta Patrol assigned by the Coast Guard.</p> <p><input type="checkbox"/> There will be a Regatta Patrol assigned by the Coast Guard. The attached instruction for Patrol Commanders outlines their responsibility and authority. You should work out specific details with the Patrol Commander.</p> <p><input checked="" type="checkbox"/> Additional safety equipment is stipulated below.</p> |
|--|---|

The sponsor anticipates approximately 30 participating vessels of 26' to 50' feet in length. Sailing vessels will monitor both CH 16 and 72. Reference application for event specifics. Race Director's cell phone is (269) 330-8868 and email nchawk3@yahoo.com. The sponsoring organization must comply with all existing federal, state, local laws and other requirements that may impact their ability to hold their event as proposed. A reminder of two Inland Rules of the Road: 1. Compliance with Rule 9: in all narrow channels, a vessel of less than 20 meters in length or a sailing vessel shall not impede the passage of a vessel that can safely navigate only within a narrow channel or fairway. 2. In the event of restricted visibility, race participants will navigate in accordance with Rule 35 of the Inland Navigation Rules as well as all other pertinent 'Rules of the Road' applicable to the current conditions. As the event sponsor, you remain responsible for the overall safety of this event. This may include providing instructions to the participants, verifying crew qualifications, conducting equipment inspections, providing rescue and first aid facilities, and controlling obstructions or menaces to navigation as applicable. You are also responsible for obtaining any additional permits from other national federal, state, or local authorities that may be required. The Ninth Coast Guard District strongly recommends that all participants wear either an inherently buoyant or inflatable Personal Flotation Device (PFD) with an affixed, registered Personal Locator Beacon (PLB) whenever underway for the duration of this event. Enclosed is a copy of the Ninth Coast Guard District's "Cardinal Points" for Regattas. This document provides information concerning how to notify the Coast Guard should a distress situation develop during your event.

Jonathan Tripi

Jonathan R. Tripi
LTJG, U.S. Coast Guard
Ninth Coast Guard District

Reset



Port Huron Finish between Buoy #11 and #12

Port Huron Surt Line

The Loran-C on the Defense Map not be used with position shown by survey data. Ev

2.25 sm to
Goderich harbor
entrance

The image is a satellite map showing the Goderich harbor area. A red line extends from a yellow pushpin in the open water to the harbor entrance. A second red line extends from the same pushpin horizontally to the shoreline. The map includes labels for 'Goderich' and 'Blue Water Beach'. Various icons like houses and a school are visible on the land. The water is a mix of blue and greenish-turquoise.

45° to entrance

43°43.3N 81°46.2W

2.3 sm 90° to shoreline

© 2018 Google
Image NOAA

Image © 2019 DigitalGlobe

DEPARTMENT OF HOMELAND SECURITY
U.S. COAST GUARD

PERMIT FOR MARINE EVENT

Date Approved
03/06/2024

Name of Event Port Huron-Mackinac Island Solo Challenge	Location Port Huron to Mackinac Island	Date of Event 06/22/2024
Sponsoring Organization Great Lakes Singlehanded Society	Name of Representative (Last, First, MI) Reichling, Elisabeth	Title Race Director

Your application for the following event is approved. Special services to be rendered by the Coast Guard are listed. You are reminded that your organization is primarily responsible for safety in the regatta area and that this permit does not relieve you of such responsibility. Participants shall be adequately briefed and their boats equipped as required by law. A permit may also be required by a state, county or municipal agency. This authorization grants no exemption from state or local ordinances. In the event of any change in the information furnished in your application you will notify this office.

- | | |
|--|---|
| <p><input checked="" type="checkbox"/> There will not be a Special Local Regulation issued. No restriction is placed on the use of any navigable waters by other parties. Your event shall not obstruct any channel or normal shipping lane, or interfere with any aid to navigation. The Committeeman in Charge shall control participants to prevent conditions hazardous to other craft in the area.</p> <p><input type="checkbox"/> There will be a Special Local Regulation issued establishing a restricted area and other controls. You will be provided a copy for guidance. The Committeeman in Charge shall control participants to prevent conditions hazardous to other craft in the area.</p> | <p><input checked="" type="checkbox"/> There will be a Local Notice to Mariners issued to inform maritime interests and solicit their cooperation.</p> <p><input checked="" type="checkbox"/> There will not be a Regatta Patrol assigned by the Coast Guard.</p> <p><input type="checkbox"/> There will be a Regatta Patrol assigned by the Coast Guard. The attached instruction for Patrol Commanders outlines their responsibility and authority. You should work out specific details with the Patrol Commander.</p> <p><input checked="" type="checkbox"/> Additional safety equipment is stipulated below.</p> |
|--|---|

The sponsor anticipates approximately 30 participating vessels of 26' to 50' feet in length. Sailing vessels will monitor both CH 16 and 72. Reference application for event specifics. Race Director's cell phone is (269) 930-8868 and email nthatk9@yahoo.com. The sponsoring organization must comply with all existing federal, state, local laws and other requirements that may impact their ability to hold their event as proposed. A reminder of two Inland Rules of the Road: 1. Compliance with Rule 9: in all narrow channels, a vessel of less than 20 meters in length or a sailing vessel shall not impede the passage of a vessel that can safely navigate only within a narrow channel or fairway. 2. In the event of restricted visibility, race participants will navigate in accordance with Rule 35 of the Inland Navigation Rules as well as all other pertinent 'Rules of the Road' applicable to the current conditions. As the event sponsor, you remain responsible for the overall safety of this event. This may include providing instructions to the participants, verifying crew qualifications, conducting equipment inspections, providing rescue and first aid facilities, and controlling obstructions or menaces to navigation as applicable. You are also responsible for obtaining any additional permits from other national, federal, state, or local authorities that may be required. The Ninth Coast Guard District strongly recommends that all participants wear either an inherently buoyant or inflatable Personal Flotation Device (PFD) with an affixed, registered Personal Locator Beacon (PLB) whenever underway for the duration of this event. Enclosed is a copy of the Ninth Coast Guard District's "Cardinal Points" for Regattas. This document provides information concerning how to notify the Coast Guard should a distress situation develop during your event.

Jonathan Tripi

Jonathan R. Tripi
LTJG, U.S. Coast Guard
Ninth Coast Guard District

Reset

DEPARTMENT OF HOMELAND SECURITY

Coast Guard

33 CFR Part 165

[Docket Number USCG–2024–0222]

RIN 1625–AA00

Safety Zone; 2024 Duluth Air Spectacular, Lake Superior, Duluth, MN

AGENCY: Coast Guard, DHS.

ACTION: Temporary final rule.

SUMMARY: The Coast Guard is establishing a temporary safety zone for certain waters of the Lake Superior. This action is necessary to provide for the safety of life on these navigable waters near Canal Park in Duluth, MN during an air show on July 31, 2024. This rule prohibits persons and vessels from being in the safety zone unless authorized by the Captain of the Port Marine Safety Unit Duluth or a designated representative.

DATES: This rule is effective from 12 p.m. through 9 p.m. on July 31, 2024.

ADDRESSES: To view documents mentioned in this preamble as being available in the docket, go to <https://www.regulations.gov>, type USCG–2024–0222 in the search box and click “Search.” Next, in the Document Type column, select “Supporting & Related Material.”

FOR FURTHER INFORMATION CONTACT: If you have questions about this rule, call or email Chief Petty Officer Kyle Weitzell, Marine Safety Unit Duluth, Waterways Management Division, U.S. Coast Guard; telephone 218–725–3821, email Kyle.W.Weitzell@uscg.mil.

SUPPLEMENTARY INFORMATION:

I. Table of Abbreviations

CFR Code of Federal Regulations
 DHS Department of Homeland Security
 FR Federal Register
 NPRM Notice of proposed rulemaking
 § Section
 U.S.C. United States Code

II. Background Information and Regulatory History

On October 10, 2023, the Coast Guard was notified of an air show that will take place over the waters of Lake Superior near Canal Park in Duluth, MN from 3 p.m. through 6 p.m. on July 31, 2024. During this air show, planes will be flying low over the water within the boundary of a zone marked by buoys and small boat on scene. Hazards from this air show include low flying aircraft and jet exhaust produced by the engines

and distraction to the pilots if general boating traffic where to be present within this area. The Captain of the Port Marine Safety Unit Duluth (COTP) has determined that potential hazards associated with the air show at this location would be a safety concern for anyone within an area defined by the following positions, beginning at N 46°47′34.81″, W 092°03′46.70″, then proceeding southwest to N 46°46′52.73″, W 092°05′05.47″, then proceeding southwest to N 46°46′48.00″, W 092°05′28.02″, the following the shoreline northward to N 46°48′1.98″, W 092°04′16.02″, and then returning to the starting point. In response, on May 7, 2024, the Coast Guard published a notice of proposed rulemaking (NPRM) titled Safety Zone; 2024 Duluth Air Spectacular, Lake Superior, Duluth, MN 89 FR 38854). There we stated why we issued the NPRM and invited comments on our proposed regulatory action related to this fireworks display. During the comment period that ended June 8, 2024, we received no comments.

III. Legal Authority and Need for Rule

The Coast Guard is issuing this rule under authority in 46 U.S.C. 70034. The COTP Marine Safety Unit Duluth has determined that potential hazards associated with the air show at this location would be a safety concern for anyone within an area defined by the following positions, beginning at N 46°47′34.81″, W 092°03′46.70″, then proceeding southwest to N 46°46′52.73″, W 092°05′05.47″, then proceeding southwest to N 46°46′48.00″, W 092°05′28.02″, the following the shoreline northward to N 46°48′1.98″, W 092°04′16.02″, and then returning to the starting point and is establishing a safety zone for this area on July 31, 2024 from 12 p.m. through 9 p.m. The purpose of this rule is to ensure safety of vessels and the navigable waters in the safety zone before, during, and after the scheduled event.

IV. Discussion of Comments, Changes, and the Rule

As noted above, we received no comments on our NPRM published May 7, 2024. There are no changes in the regulatory text of this rule from the proposed rule in the NPRM.

This rule establishes a safety zone from 12 p.m. through 9 p.m. on July 31, 2023. The safety zone will cover all navigable waters of Lake Superior near Canal Park in Duluth, MN within an area defined by the following positions, beginning at N 46°47′34.81″, W 092°03′46.70″, then proceeding southwest to N 46°46′52.73″, W 092°05′05.47″, then proceeding

southwest to N 46°46′48.00″, W 092°05′28.02″, the following the shoreline northward to N 46°48′1.98″, W 092°04′16.02″, and then returning to the starting point. The duration of the zone is intended to ensure the safety of vessels and these navigable waters before, during, and after the scheduled air show to begin sometime between 3 p.m. through 6 p.m., depending on weather conditions. No vessel or person will be permitted to enter the safety zone without obtaining permission from the COTP or a designated representative.

V. Regulatory Analyses

We developed this rule after considering numerous statutes and Executive orders related to rulemaking. Below we summarize our analyses based on a number of these statutes and Executive orders, and we discuss First Amendment rights of protestors.

A. Regulatory Planning and Review

Executive Orders 12866 and 13563 direct agencies to assess the costs and benefits of available regulatory alternatives and, if regulation is necessary, to select regulatory approaches that maximize net benefits. This rule has not been designated a “significant regulatory action,” under section 3(f) of Executive Order 12866, as amended by Executive Order 14094 (Modernizing Regulatory Review). Accordingly, this rule has not been reviewed by the Office of Management and Budget (OMB).

This regulatory action determination is based the short duration and small size of the safety zone as well as the ability for most boats to transit between the Duluth Shipping Canal and Lake Superior without entering the zone.

B. Impact on Small Entities

The Regulatory Flexibility Act of 1980, 5 U.S.C. 601–612, as amended, requires Federal agencies to consider the potential impact of regulations on small entities during rulemaking. The term “small entities” comprises small businesses, not-for-profit organizations that are independently owned and operated and are not dominant in their fields, and governmental jurisdictions with populations of less than 50,000. The Coast Guard received no comments from the Small Business Administration on this rulemaking. The Coast Guard certifies under 5 U.S.C. 605(b) that this rule will not have a significant economic impact on a substantial number of small entities.

While some owners or operators of vessels intending to transit the safety zone may be small entities, for the

reasons stated in section V.A above, this rule will not have a significant economic impact on any vessel owner or operator.

Under section 213(a) of the Small Business Regulatory Enforcement Fairness Act of 1996 (Pub. L. 104–121), we want to assist small entities in understanding this rule. If the rule would affect your small business, organization, or governmental jurisdiction and you have questions concerning its provisions or options for compliance, please call or email the person listed in the **FOR FURTHER INFORMATION CONTACT** section.

Small businesses may send comments on the actions of Federal employees who enforce, or otherwise determine compliance with, Federal regulations to the Small Business and Agriculture Regulatory Enforcement Ombudsman and the Regional Small Business Regulatory Fairness Boards. The Ombudsman evaluates these actions annually and rates each agency's responsiveness to small business. If you wish to comment on actions by employees of the Coast Guard, call 1–888–REG–FAIR (1–888–734–3247). The Coast Guard will not retaliate against small entities that question or complain about this rule or any policy or action of the Coast Guard.

C. Collection of Information

This rule will not call for a new collection of information under the Paperwork Reduction Act of 1995 (44 U.S.C. 3501–3520).

D. Federalism and Indian Tribal Governments

A rule has implications for federalism under Executive Order 13132, Federalism, if it has a substantial direct effect on the States, on the relationship between the National Government and the States, or on the distribution of power and responsibilities among the various levels of government. We have analyzed this rule under that Order and have determined that it is consistent with the fundamental federalism principles and preemption requirements described in Executive Order 13132.

Also, this rule does not have tribal implications under Executive Order 13175, Consultation and Coordination with Indian Tribal Governments, because it does not have a substantial direct effect on one or more Indian tribes, on the relationship between the Federal Government and Indian tribes, or on the distribution of power and responsibilities between the Federal Government and Indian tribes.

E. Unfunded Mandates Reform Act

The Unfunded Mandates Reform Act of 1995 (2 U.S.C. 1531–1538) requires Federal agencies to assess the effects of their discretionary regulatory actions. In particular, the Act addresses actions that may result in the expenditure by a State, local, or tribal government, in the aggregate, or by the private sector of \$100,000,000 (adjusted for inflation) or more in any one year. Though this rule will not result in such an expenditure, we do discuss the effects of this rule elsewhere in this preamble.

F. Environment

We have analyzed this rule under Department of Homeland Security Directive 023–01, Rev. 1, associated implementing instructions, and Environmental Planning COMDTINST 5090.1 (series), which guide the Coast Guard in complying with the National Environmental Policy Act of 1969 (42 U.S.C. 4321–4370f), and have determined that this action is one of a category of actions that do not individually or cumulatively have a significant effect on the human environment. This rule involves a safety zone lasting not more than 9 hours that would prohibit entry within an area under the flight path of aircraft participating in an air show. It is categorically excluded from further review under paragraph L60(a) of Appendix A, Table 1 of DHS Instruction Manual 023–01–001–01, Rev. 1. A Record of Environmental Consideration supporting this determination is available in the docket. For instructions on locating the docket, see the **ADDRESSES** section of this preamble.

G. Protest Activities

The Coast Guard respects the First Amendment rights of protesters. Protesters are asked to call or email the person listed in the **FOR FURTHER INFORMATION CONTACT** section to coordinate protest activities so that your message can be received without jeopardizing the safety or security of people, places or vessels.

List of Subjects in 33 CFR Part 165

Harbors, Marine safety, Navigation (water), Reporting and recordkeeping requirements, Security measures, Waterways.

For the reasons discussed in the preamble, the Coast Guard amends 33 CFR part 165 as follows:

PART 165—REGULATED NAVIGATION AREAS AND LIMITED ACCESS AREAS

■ 1. The authority citation for part 165 continues to read as follows:

Authority: 46 U.S.C. 70034, 70051, 70124; 33 CFR 1.05–1, 6.04–1, 6.04–6, and 160.5; Department of Homeland Security Delegation No. 00170.1, Revision No. 01.3.

■ 2. Add § 165.T09–0222 to read as follows:

§ 165.T09–0222 Safety Zone; 2024 Duluth Air Spectacular, Lake Superior, Duluth, MN.

(a) *Location.* The following area is a safety zone: All navigable waters of Lake Superior within an area defined by the following positions, beginning at N 46°47'34.81", W 092°03'46.70", then proceeding southwest to N 46°46'52.73", W 092°05'05.47", then proceeding southwest to N 46°46'48.00", W 092°05'28.02", the following the shoreline northward to N 46°48'1.98", W 092°04'16.02", and then returning to the starting point near Canal Park in Duluth, MN.

(b) *Enforcement period.* July 31, 2024, from 12 p.m. through 9 p.m. The specific time frame for waterway closure will be announced via Broadcast Notice to Mariners.

(c) *Definitions.* The following definitions apply to this section:

(1) *On-scene representative* means any Coast Guard commissioned, warrant, or petty officer designated by the Captain of the Port Duluth to monitor a safety zone, permit entry into the zone, give legally enforceable orders to persons or vessels within the zones, and take other actions authorized by the Captain of the Port.

(2) *Public vessel* means vessels owned, chartered, or operated by the United States, or by a State or political subdivision thereof.

(d) *Regulations.* (1) In accordance with the general regulations in § 165.23 of this part, entry into, transiting, or anchoring within this safety zone identified in paragraph (a) of this section is prohibited unless authorized by the Captain of the Port Duluth or his designated on-scene representative.

(2) The safety zone identified in paragraph (a) of this section is closed to all vessel traffic, except as may be permitted by the Captain of the Port Duluth or his designated on-scene representative.

(3) Vessel operators desiring to enter or operate within the safety zone must contact the Captain of the Port Duluth or his on-scene representative to obtain permission to do so. The Captain of the Port Duluth or his on-scene representative may be contacted via VHF Channel 16. Vessel operators given permission to enter or operate in the safety zone must comply with all directions given to them by the Captain of the Port Duluth, or his on-scene representative.

(e) *Exemption.* Public vessels, as defined in paragraph (c) of this section, are exempt from the requirements in this section.

(f) *Waiver.* For any vessel, the Captain of the Port Duluth or his designated representative may waive any of the requirements of this section, upon finding that operational conditions or other circumstances are such that application of this section is unnecessary or impractical for the purposes of public or environmental safety.

Dated: June 20, 2024.

John P. Botti,

Commander, U.S. Coast Guard, Captain of the Port, Marine Safety Unit Duluth.

[FR Doc. 2024–13973 Filed 6–26–24; 8:45 am]

BILLING CODE 9110–04–P

DEPARTMENT OF HOMELAND SECURITY

Coast Guard

33 CFR Part 165

[Docket No. USCG–2024–0458]

Safety Zone; Annual Fireworks Displays and Other Events in the Eight Coast Guard District Requiring Safety Zones—Go 4th New Orleans Independence Day Celebration

AGENCY: Coast Guard, DHS.

ACTION: Notification of enforcement of regulation.

SUMMARY: The Coast Guard will enforce a safety zone for the Go 4th New Orleans Independence Day Celebration fireworks display located on the navigable waters of the Lower Mississippi River. This action is necessary to provide for the safety of life on these navigable waterways during this event. During the enforcement periods, entry into this safety zone is prohibited unless authorized by the Captain of the Port or a designated representative.

DATES: The regulations in 33 CFR 165.801, will be enforced for the location identified in item 3 of table 5 to § 165.801, from 8:30 p.m. through 9:30 p.m. on July 4, 2024.

FOR FURTHER INFORMATION CONTACT: If you have questions about this notification of enforcement, call or email Lieutenant Commander Xiaobin Tuo, Sector New Orleans, U.S. Coast Guard; telephone 504–269–7251, email Xiaobin.Tuo@uscg.mil.

SUPPLEMENTARY INFORMATION: The Coast Guard will enforce a safety zone in 33 CFR 165.801, table 5 to § 165.801, item

3 for the Go 4th New Orleans Independence Day Celebration fireworks display event. This safety zone will be enforced from 8:30 p.m. through 9:30 p.m. on July 4, 2024. This action is being taken to provide for the safety of life on these navigable waterways during this event. Our regulation for annual fireworks displays and other events in the Sector New Orleans Annual and Recurring Safety Zones in § 165.801, table 5 to § 165.801, item 3, specifies the location of the regulated area on the Lower Mississippi River, between mile marker (MM) 94.3 and MM 95.3. During the enforcement period, as reflected in § 165.801(a), entry into this safety zone is prohibited unless authorized by the Captain of the Port or a designated representative.

In addition to this notification of enforcement in the **Federal Register**, the Coast Guard plans to provide notification of this enforcement period via a Marine Safety Information Bulletin and/or Broadcast Notice to Mariners.

Dated: June 20, 2024.

G.A. Callaghan,

Captain, U.S. Coast Guard, Captain of the Port Sector New Orleans.

[FR Doc. 2024–14034 Filed 6–26–24; 8:45 am]

BILLING CODE 9110–04–P

ENVIRONMENTAL PROTECTION AGENCY

40 CFR Parts 61 and 63

[EPA–R04–OAR–2024–0141; FRL–11846–01–R4]

Tennessee; National Emission Standards for Hazardous Air Pollutants; National Emission Standards for Hazardous Air Pollutants for Source Categories; Supplemental Delegations of Authority

AGENCY: Environmental Protection Agency (EPA).

ACTION: Notification of supplemental delegations of authority.

SUMMARY: On March 9, 2023, the Tennessee Department of Environment and Conservation’s (TDEC or State) Division of Air Pollution Control (TDEC–APC) requested to update the method of delegations and continue the delegations of authority to implement and enforce National Emission Standards for Hazardous Air Pollutants (NESHAPs), and NESHAPs for Source Categories.

DATES: June 27, 2024.

ADDRESSES: Copies of the request to change the delegation mechanism for NESHAP from “case-by-case” to “adopt-

by-reference” and NESHAP for Source Categories from “automatic” to “adopt-by-references” are available for public inspection during normal business hours at the following locations:

Environmental Protection Agency, Region 4, Air and Radiation Division, Air Analysis and Support Branch, 61 Forsyth Street SW, Atlanta, Georgia 30303.

Tennessee Department of Environment and Conservation, Divisions of Air Pollution Control, William R. Snodgrass Tennessee Tower, 312 Rosa L. Parks Avenue, 15th Floor, Nashville, Tennessee 37243.

Effective February 26, 2024, all requests, applications, reports, and other correspondence required by any NESHAP and NESHAP for Source Categories should continue to be submitted to the following address: Tennessee Department of Environment and Conservation, Divisions of Air Pollution Control, William R. Snodgrass Tennessee Tower, 312 Rosa L. Parks Avenue, 15th Floor, Nashville, Tennessee 37243.

Although the EPA is not accepting comments regarding this notification, Docket ID No. EPA–R04–OAR–2024–0141 at <https://www.regulations.gov> contains relevant information related to this information notification.

FOR FURTHER INFORMATION CONTACT:

Tracy Watson, Stationary Source Team, Regulatory and Communities Air Toxics Section, Air Analysis and Support Branch, Air and Radiation Division, Environmental Protection Agency, Region 4, 61 Forsyth St. SW, Atlanta, Georgia 30303, 404–562–8998. Email: watson.marion@epa.gov.

SUPPLEMENTARY INFORMATION:

I. Background

Section 112(l) of the Clean Air Act (CAA), as amended November 15, 1990, authorizes EPA to delegate authority to implement and enforce the standards set out in 40 CFR parts 61 and 63, NESHAPs. On April 11, 1980, EPA initially delegated the authority to implement and enforce the 40 CFR part 61 NESHAP program to TDEC–APC (46 FR 29330). On July 29, 1996, EPA approved TDEC–APC’s use of the EPA’s case-by-case and automatic mechanisms for future delegations of authority for 40 CFR parts 61 and part 63 NESHAPs, respectively. *See* 61 FR 39355.

On March 9, 2023, EPA received a letter from TDEC–APC which requested to update the method of delegations and continue the delegations of authority to implement and enforce Title 40, Code of Federal Regulations, part 61, NESHAPs, and part 63, NESHAPs for Source



RS&H
Architectural, Engineering, Planning
and Environmental Services

4525 Airport Approach Rd.
Suite A
Duluth, Minnesota 55811
218-722-1227 FAX 218-722-1052
www.rsandh.com

**2024 AIRSHOW
JULY 30-31, 2024**



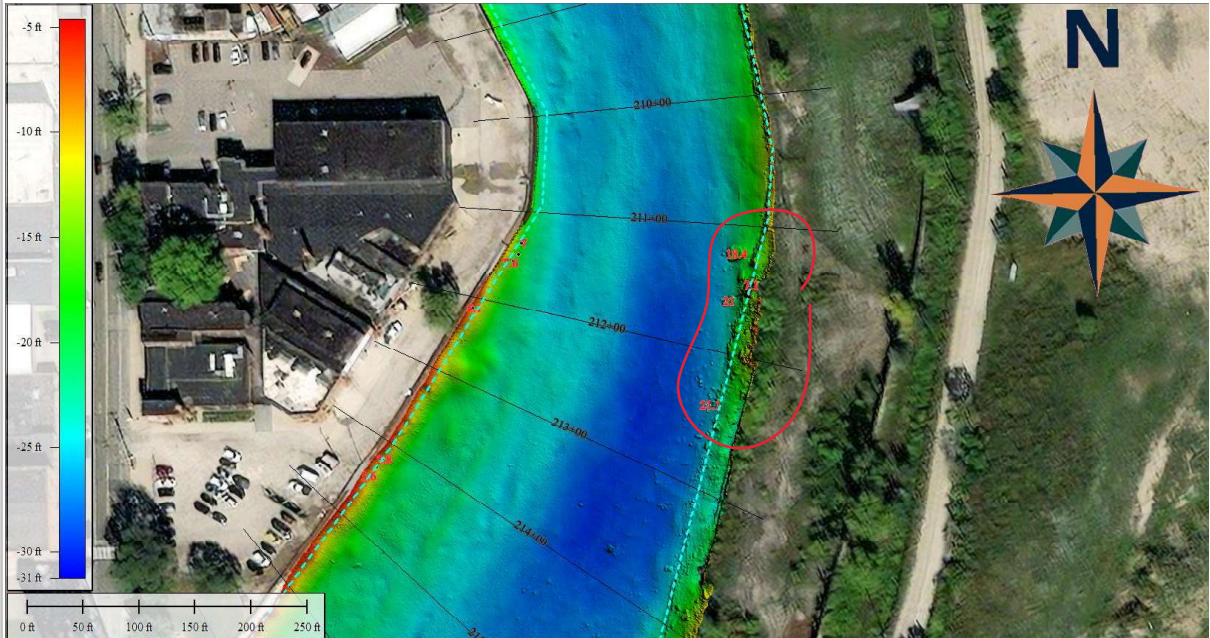
CHANNEL OBSTRUCTION REPORT

U.S. Army Corps of Engineers – Buffalo District

PROJECT NAME: Cuyahoga River
DATE OBSERVED: 12/07/2023
CREW: D. Banning, D. Bognar

OBJECT: Multiple unknown
LATITUDE: 41° 29' 23.1785" N
LONGITUDE: 81° 41' 54.1661" W

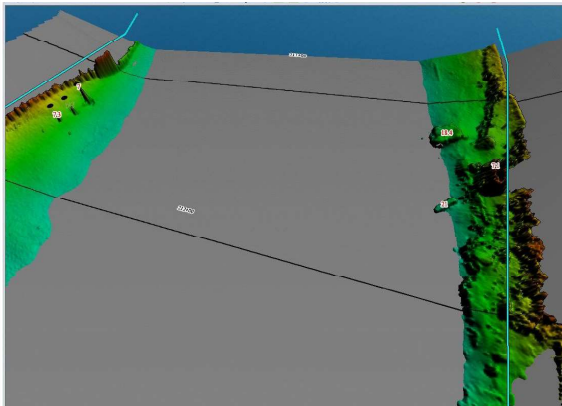
SURVEY DATA



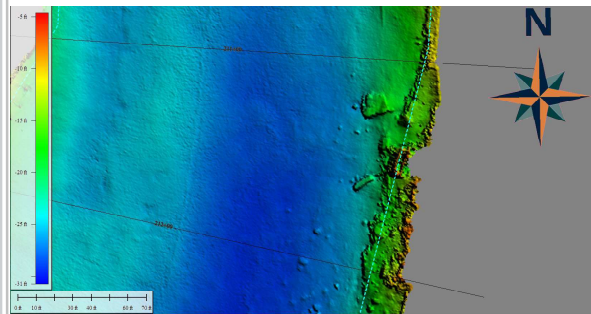
Multiple objects along easterly edge of Federal Channel between Sta. 211+00 & 213+00. Object Depths shown in red. Federal Channel shown in cyan.

View: NE down channel line

Hypack Channel View



3D view of channel bottom showing only areas that are shoaler than project depth of 23ft.



Close up view of area.

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
