



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

LOCAL NOTICE TO MARINERS

District: 9

Week: 28/23

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

Direct questions about this LNM to the above address.

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

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

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

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

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

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

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

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

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

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

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

Sector Buffalo, NY - B135-23 through B143-23

Ninth District - C103-23 through C106-23

Sector Detroit, MI - D069-22 through D078-23

Sector Lake Michigan, WI - M185-23 through M192-23

Sector Sault Ste Marie, MI - S070-23 through S071-23

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

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

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

ABBREVIATIONS

A through H

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

I through O

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

P through Z

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

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

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

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

Additional Abbreviations Specific to this LNM Edition:

LIB - Lighted Ice Buoy

SECTION I - SPECIAL NOTICES

This section contains information of special concern to the Mariner.

Cancellation of NOAA Paper and Raster Nautical Charts

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

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

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

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

LNM: 04/20

SAFETY NOTICE - NAVIGATIONAL RANGE AND SECTOR LIGHTS ON ELECTRONIC CHARTS

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

LNM: 39/22

2023 Light List

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

LNM: 05/23

USACE NOTICE TO NAVIGATION INTERESTS

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

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

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

LNLM: 28/12

GREAT LAKES - Great Lakes Water Levels

See Enclosure 1

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

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

LNLM: 32/20

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.

LNLM: 21/23

ST. CLAIR RIVER - Flats Canal - Chart 14854

The Coast Guard has established three temporary danger buoys within the St. Clair Flats Canal, in the St. Clair River, to assist mariners in marking the partially submerged earthen dike along the southeast edge of the channel. The unlighted buoys will be evenly spaced along the dike, extending from the lower point of Seaway Island to the St. Clair Flats Danger Light (LLNR 9575). The buoy characteristics are white with orange in color and display the text "KEEP OUT" across the buoy body. The intent of the temporary project is to evaluate the effectiveness of the buoys in warning mariners of the dangers of leaving the marked channel and crossing over the submerged dike into the shallow flats east of the canal.

LNLM: 21/23

ST. MARYS RIVER - Lake Nicolet To Sault Ste. Marie- Chart 14884

Moon Island Leading Light (LLNR 13650) will be temporarily disestablished for onsite repair operations. A temporary all-around white light, characteristic QW, will be installed on site as close as reasonably possible to the permanent aid's location. The temporary light is provided as a reference only and should not be treated as a center channel leading light. Anticipated completion of the project is summer of 2023.

LNLM: 17/23

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 LNLM.

LNLM: 10/21

LAKE MICHIGAN – Muskegon Channel – Chart 14906

The Coast Guard has established a pair of virtual AIS aids to navigation at the entrance of Muskegon Harbor to assist in identifying recent shoaling within the approaches. V-AIS (MMSI: 993682821) identifies the encroachment of shoaling on the northern side of the channel less than 25ft water depth. Similarly, V-AIS (MMSI: 993682842) identifies shoaling on the south side of the channel less than 25ft. The aids are for reference only and are positioned based on most recent survey data and do not account for periodic variations in the position of the shoaling. Mariners are urged to use caution while transiting the area.

LNLM: 24/23

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.

LNLM: 12/23

LAKE SUPERIOR – Keweenaw and Isle Royale

The Coast Guard is experiencing a significant delay in the establishment of the seasonal floating aids in the Keweenaw Waterway and Isle Royale. The specific aids impacted by this delay are listed in Section II – Discrepancies of this notice. All mariners are urged to use caution in transiting these areas.

LNLM: 22/23

LAKE SUPERIOR - Duluth Harbor

The Coast Guard is experiencing a significant delay in the establishment of the seasonal floating aids inside Duluth-Superior Harbor. The specific

aids impacted by this delay are listed in Section II – Discrepancies of this notice. All mariners are urged to use caution in transiting these areas.
LNM: 19/23

SECTION II - DISCREPANCIES

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

DISCREPANCIES (FEDERAL AIDS)

LLNR	Aid Name	Status	Chart No.	BNM Ref.	LNM St	LNM End
2310	Irondequoit Bay Light 7	DAYMK MISSING		B141-23	28/23	
2725	Buffalo Coast Guard Slip Light	STRUCT DMGD		B187-22	01/23	
6895	East Outer Channel Light 1E	SS INOP	14820	D002-23	01/23	
8442	Grosse Pointe Dumping Grounds Buoy B	MISSING	14853	D022-23	19/23	
8472	Grosse Pointe Dumping Grounds Buoy A	MISSING	14853	D023-23	19/23	
13055	Munuscong Channel (Upbound) Lighted Buoy 6	LT EXT		S052-23	20/23	
13475	West Neebish Channel (Downbound) Upper Range Rear Light	LT EXT/DAYMK MISSING		S039-23	51/21	
13515	West Neebish Channel (Downbound) Oak Ridge Range Front Light	DAYMK MISSING			50/22	
13525	West Neebish Channel (Downbound) Lighted Buoy 46	OFF STA		S070-23	27/23	
13960	Upper Nicolet Range Rear Light	DAYMK MISSING		S064-23	26/23	
14050	Six Mile Point Range Rear Light	DAYMK MISSING		S154-22	10/21	
14710	Big Bay Point Buoy 1	MISSING			24/23	
14775	Keweenaw Waterway Lighted Buoy 1	MISSING			24/23	
14785	Keweenaw Waterway Lighted Buoy 4	MISSING			24/23	
14890	Keweenaw Waterway Lighted Buoy 27	MISSING		S061-23	24/23	
14900	Keweenaw Waterway Junction Lighted Buoy "KW"	MISSING			24/23	
14945	Keweenaw Waterway Lighted Buoy 31	TRUB			24/23	
14960	Keweenaw Waterway Lighted Buoy 35	MISSING			24/23	
14975	Atlantic Point Lighted Buoy 37	MISSING			24/23	
14990	Keweenaw Waterway Lighted Buoy 42	MISSING			24/23	
15015	Keweenaw Waterway Lighted Buoy 49	TRUB			24/23	
15025	Keweenaw Waterway Lighted Buoy 50	TRUB			24/23	
15030	Keweenaw Waterway Lighted Buoy 51	TRUB			24/23	
15080	Keweenaw Waterway Lighted Buoy 61	TRUB			24/23	
15115	Keweenaw Upper Entrance West Breakwater Light	STRUCT DEST		S015-23	02/23	
15155	Keweenaw Point Lighted Buoy 1	MISSING			24/23	
15680	Superior Harbor Basin Lighted Buoy 4	MISSING			24/23	
15750	Superior Front Channel Lighted Buoy 1	TRUB			24/23	
15765	Superior Front Channel Lighted Buoy 5	TRUB			24/23	
15770	Superior Front Channel Lighted Buoy 6	MISSING			24/23	
15785	Superior Front Channel Lighted Buoy 9	TRUB			24/23	
15790	Superior Front Channel Lighted Buoy 10	MISSING			24/23	
15805	Superior Front Channel Lighted Buoy 14	MISSING			24/23	

15820	Superior Front Channel Lighted Buoy 18	TRUB		24/23
15875	Duluth Harbor Basin Lighted Buoy 2	TRUB	S036-23	13/23
16030	St. Louis Bay North Channel (Western Section) Lighted Buoy 3	TRUB		24/23
16055	St Louis Bay Junction Lighted Buoy	TRUB		24/23
16070	St. Louis Bay South Channel (Eastern Section) Lighted Buoy 2A	TRUB		24/23
16090	St. Louis Bay Cross Channel Lighted Buoy 2	TRUB		24/23
16095	St. Louis Bay Cross Channel Lighted Buoy 1	TRUB		24/23
16105	St. Louis Bay Cross Channel Lighted Buoy 6	TRUB		24/23
16145	St. Louis Bay South Channel (Western Section) Lighted Buoy 9	MISSING		24/23
16165	St. Louis Bay South Channel (Western Section) Lighted Buoy 13	MISSING		24/23
16180	St. Louis River Upper Channel Lighted Buoy 4	TRUB		24/23
16205	Minnesota Channel (Eastern Section) Lighted Buoy 6	TRUB		24/23
16210	Minnesota Channel (Eastern Section) Lighted Buoy 7	TRUB		24/23
16220	Minnesota Channel (Eastern Section) Lighted Buoy 9	TRUB		24/23
16225	Minnesota Channel (Eastern Section) Lighted Buoy 10	TRUB		24/23
16235	Minnesota Channel (Eastern Section) Lighted Buoy 14	MISSING		24/23
16240	Minnesota Channel (Eastern Section) Lighted Buoy 15	MISSING		24/23
16250	Minnesota Channel (Eastern Section) Lighted Buoy 19	MISSING		24/23
16650	Hat Point Lighted Bell Buoy 1	MISSING		24/23
16680	Cumberland Point Buoy 2	MISSING		24/23
16695	Siskiwit Bay Passage Lighted Buoy 2	MISSING		24/23
16705	Harlem Reef Buoy 2	MISSING		24/23
16715	Malone Bay Entrance Buoy 2	MISSING		24/23
16720	Malone Bay Entrance Buoy 3	MISSING		24/23
16725	Malone Bay Buoy 4	MISSING		24/23
16730	Malone Bay Buoy 5	MISSING		24/23
16770	Middle Island Passage Lighted Bell Buoy 2	TRUB		24/23
16825	Blake Point Five-Foot Shoal Buoy D	MISSING		24/23
17210	Canoe Channel Daybeacon 8	STRUCT DEST/TRUB		23/22
17550	Kabetogama Lake Warning Daybeacon	STRUCT DEST	S114-22	34/22
17745	New Shoal Lighted Bell Buoy 3	MISSING	14902 S035-23	13/23
17810	Beaver Island Shoal Northeast End Lighted Buoy 1	MISSING		24/23
17830	St. James Harbor Buoy 6	MISSING		24/23
17835	St. James Harbor Buoy 7	MISSING		24/23
17840	St. James Harbor Buoy 8	MISSING		24/23
18815	Bank Point Light	DAYMK MISSING	M092-23	16/23
19310	Lake Macatawa Lighted Buoy 1	TRUB		24/23
19350	Lake Macatawa Lighted Buoy 6	TRUB		24/23
19385	Lake Macatawa Lighted Buoy 10	TRUB		24/23
19400	Lake Macatawa Lighted Buoy 14	TRUB		24/23
19410	Lake Macatawa Lighted Buoy 16	TRUB		24/23
19420	Lake Macatawa Lighted Buoy 19	TRUB		24/23

19790	Chicago Lake Front Northeast Shoal Lighted Buoy 2	RAC INOP	14905	M098-23	20/23
20430	Kenosha Breakwater Light	REDUCED INT	14904	M123-23	22/23
21060	Sturgeon Bay Ship Canal Light 12	LT EXT		M184-23	27/23
22180	Green Bay Harbor Entrance Channel Range Front Light	DAYMK DMGD		M327-22	24/21
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
785	St. Lawrence Seaway Lighted Buoy 116	WATCHING PROPERLY			27/23	28/23
7570	Hickory Island Channel Buoy 10	WATCHING PROPERLY			28/23	28/23
7605	Hickory Island Channel Buoy 12	WATCHING PROPERLY			28/23	28/23
8600.1	St. Clair Cut-Off Channel Lighted Buoy 32	WATCHING PROPERLY	14853		26/23	28/23
12770	De Tour Reef Light	WATCHING PROPERLY	14860		27/23	28/23
15040	Rouleau Point Range Front Light	WATCHING PROPERLY			28/23	28/23
18530	Ludington North Breakwater Light	WATCHING PROPERLY	14901		25/23	28/23
18620	Pentwater North Pierhead Light 3	WATCHING PROPERLY	14901		16/23	28/23
19445	Saugatuck South Pierhead Light	WATCHING PROPERLY	14906		22/23	28/23
19515	St. Joseph North Pierhead Light	RELIGHTED	14905		27/23	28/23

DISCREPANCIES (PRIVATE AIDS)

LLNR	Aid Name	Status	Chart No.	BNM Ref.	LNM St	LNM End
1865	Navy Point Marina Anchorage Lighted Buoy A	MISSING		B122-23	26/23	
1870	Navy Point Marina Anchorage Lighted Buoy B	MISSING		B121-23	26/23	
2271	R. E. Ginna Nuclear Security Zone No Entry Buoy A	MISSING			28/23	
2271.1	R. E. Ginna Nuclear Security Zone No Entry Buoy B	MISSING			28/23	
2525	Lewiston Ski Jump Light	MISSING			25/23	
2740	Buffalo River Light 5	LT EXT			23/23	
3105	Erie County Water Authority Lighted Intake Buoy ECWA	LT EXT		B140-23	28/23	
3300	Niagara Falls Transmission Line Light C	LT EXT			26/23	
3305	Buckhorn Island Dike Light 1	LT EXT			26/23	
3310	Buckhorn Island Dike Light 2	LT EXT			26/23	
3325	Hooker Electrochemical Crib Light	LT EXT			26/23	
3615	Presque Isle Park Range Front Light	Status Unreported		B129-23	27/23	
3725	Conneaut Boat Club West Light	LT EXT			26/23	
3890	Fairport Harbor Port Authority Boat Ramp Light	LT EXT		B116-23	26/23	
3930	Mentor Harbor Yacht Club Range Front Light	LT EXT		B118-23	26/23	
3935	Mentor Harbor Yacht Club Range Rear Light	LT EXT		B119-23	26/23	
3950	Chagrin West Pier Inner Light	LT EXT	14829	B120-23	26/23	
3975	Wildwood Park West Detached Breakwater Light	DAYMK MISSING			23/23	
4104	Bkl Regulated Navigation Area Light	LT EXT			23/23	
4150	North Coast Harbor Light 2	MISSING			28/23	
4190	Whiskey Island Marina Entrance Light 1	LT EXT			23/23	
4240	Cuyahoga River Abutment Light	LT EXT			27/22	
5247	Johnson Island Light 1	LT EXT	14842	D007-23	11/23	

10133	Harbor Beach Light	LT EXT	D076-23	28/23
12585	Old Round Island Point Light	LT EXT	S006-23	01/23
19860	Filtration Plant Breakwater South End Light	LT EXT		16/23
19925	Four-Mile Crib Light	LT IMCH		24/23
19931	Thirty-First Street Jetty Danger Lighted Buoy A	MISSING	14905	27/23
19932	Thirty-First Street Jetty Danger Lighted Buoy B	LT EXT	14905	27/23
19933	Thirty-First Street Jetty Danger Lighted Buoy C	LT EXT	14905	27/23
20387	Northpoint Marina Reef Obstruction Lighted Buoy B	MISSING	14904	26/23
20388	Northpoint Marina Reef Obstruction Lighted Buoy C	MISSING	14904	26/23
20389	Northpoint Marina Reef Obstruction Lighted Buoy D	MISSING	14904	26/23
20470	Racine Launch Basin Entrance Light	LT IMCH	14904	22/23
20500	Racine Harbor Light 5	LT EXT	14904 M174-23	27/23
20505	Racine Harbor Channel Lighted Buoy 4	MISSING		22/23
20515	Racine Harbor Light 9	LT EXT	M175-23	27/23
20729	South Shore Park Entrance Lighted Buoy 1	MISSING	M169-23	27/23
20730	South Shore Park Entrance Lighted Buoy 2	MISSING	M170-23	27/23
20755	Mickinley Marina Light 1	REDUCED INT		25/23

DISCREPANCIES (PRIVATE AIDS) CORRECTED

LLNR	Aid Name	Status	Chart No.	BNM Ref.	LNM St	LNM End
5305	East Harbor Entrance Light 1	WATCHING PROPERLY	14842		21/23	
20490	Racine East Harbor Entrance Light 2	WATCHING PROPERLY	14904		22/23	28/23

PLATFORM DISCREPANCIES

Name	Status	Position	BNM Ref.	LNM St	LNM End
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None

PLATFORM DISCREPANCIES CORRECTED

Name	Status	Position	BNM Ref.	LNM St	LNM End
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None

SECTION III - TEMPORARY CHANGES and TEMPORARY CHANGES CORRECTED

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

TEMPORARY CHANGES

LLNR	Aid Name	Status	Chart No.	BNM Ref.	LNM St	LNM End
2105	Oswego Harbor West Channel Light 2	TRLB	14786		17/19	
2720	Buffalo Harbor North Entrance Light 7	DISCONTINUED			33/19	
3480	Barcelona Harbor East Breakwater Light	DISCONTINUED FOR DREDGING			23/22	
3485	Barcelona Harbor West Breakwater Light	DISCONTINUED FOR DREDGING			23/22	
5435	West Harbor Inner Channel Daybeacon 12	TRUB	14842		33/21	
5470	West Harbor Inner Channel Daybeacon 14	TRUB	14842		48/20	
8240	William Livingstone Memorial Light	Reduced Intensity	14853		33/21	
9690	Grande Pointe Light 23	TRLT	14853		47/20	

14540	Little Lake Harbor Light 2	DISCONTINUED FOR DREDGING	14961	47/22
15220	Ontonagon Harbor East Breakwater Light	DISCONTINUED		02/22
16963	Driftwood Point Light	DISCONTINUED		45/20

TEMPORARY CHANGES CORRECTED

LLNR	Aid Name	Status	Chart No.	BNM Ref.	LNM St	LNM End
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None

PLATFORM TEMPORARY CHANGES

Name	Status	Position	BNM Ref.	LNM St	LNM End
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None

PLATFORM TEMPORARY CHANGES CORRECTED

Name	Status	Position	BNM Ref.	LNM St	LNM End
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None

SECTION IV - CHART CORRECTIONS

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

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

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

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

14810 **6th Ed.** **01-JAN-15** **Last LNM: 16/17** **NAD 83** **28/23**

Chart Title: **Olcott Harbor to Toronto; Olcott and Wilson Harbors**

Main Panel **1004** **OLCOTT NY TO TORONTO ONT.** Page/Side: **A**

LAST EDITION No new editions of chart 14810 will be published. It will be canceled on 04-Oct-23. Comparable or larger scale Electronic Navigational Chart (ENC) coverage is available. See "Cancellation of NOAA Paper and Raster Nautical Charts" in Section I of this LNM for details. A list of all canceled NOAA charts is at <https://www.charts.noaa.gov/MCD/Dole.shtml>.

NOS

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14828 **7th Ed.** **01-JUN-16** **Last LNM: 49/11** **NAD 83** **28/23**

Chart Title: **Erie to Geneva**

Main Panel **1364** **ERIE TO GENEVA.** Page/Side: **A**

LAST EDITION No new editions of chart 14828 will be published. It will be canceled on 04-Oct-23. Comparable or larger scale Electronic Navigational Chart (ENC) coverage is available. See "Cancellation of NOAA Paper and Raster Nautical Charts" in Section I of this LNM for details. A list of all canceled NOAA charts is at <https://www.charts.noaa.gov/MCD/Dole.shtml>.

NOS

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14829 **7th Ed.** **01-MAY-15** **Last LNM: 48/19** **NAD 83** **28/23**

Chart Title: **Geneva to Lorain; Beaver Creek; Rocky River; Mentor Harbor; Chagrin River**

Main Panel **1572** **GENEVA TO LORAIN.** Page/Side: **A**

NOS

LAST EDITION	No new editions of chart 14829 will be published. It will be canceled on 04-Oct-23. Comparable or larger scale Electronic Navigational Chart (ENC) coverage is available. See "Cancellation 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 .	--	--
14830	34th Ed. 01-FEB-19 Last LNM: 38/18 NAD 83		28/23
<i>ChartTitle: West End of Lake Erie; Port Clinton Harbor; Monroe Harbor; Lorain to Detroit River; Vermilion</i>			
Main Panel 1151 WEST END OF LAKE ERIE - -. Page/Side: -			
CANCELED	Chart 14830 is canceled. No Print-on Demand or digital raster formats of this chart are available. Comparable or larger scale Electronic Navigational Chart (ENC) coverage is available. See "Cancellation of NOAA Paper and Raster Nautical Charts" in Section I of this LNM for details. A list of all canceled NOAA charts is at https://www.charts.noaa.gov/MCD/Dole.shtml .	NOS --	--
14838	4th Ed. 01-APR-05 Last LNM: 43/14 NAD 83		28/23
<i>ChartTitle: Buffalo to Erie;Dunkirk;Barcelone Harbor</i>			
Main Panel 1139 BUFFALO TO ERIE. Page/Side: N/A			
LAST EDITION	No new editions of chart 14838 will be published. It will be canceled on 04-Oct-23. Comparable or larger scale Electronic Navigational Chart (ENC) coverage is available. See "Cancellation 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 --	--
14842	17th Ed. 01-NOV-18 Last LNM: 38/17 NAD 83		28/23
<i>ChartTitle: SMALL-CRAFT BOOK CHART - Port Clinton to Sandusky, including the Islands (book of 35 charts)</i>			
CHART (SC) PORT CLINTON TO SANDUSKY, INCLUDING ISLANDS. Page/Side: N/A			
RELOCATE	Gem Beach Access Channel Daybeacon 5	CGD09 from 41-33-39.030N to 41-33-45.215N	082-49-24.225W 082-49-22.356W
Main Panel 1163 SOUTH SHORE LAKE ERIE PORT CLINTON TO SANDUSKY 2 - -. Page/Side: -			
LAST EDITION	No new editions of chart 14842 will be published. It will be canceled on 04-Oct-23. Comparable or larger scale Electronic Navigational Chart (ENC) coverage is available. See "Cancellation 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 --	--
14844	34th Ed. 01-JUN-19 Last LNM: 27/18 NAD 83		28/23
<i>ChartTitle: Islands in Lake Erie;Put-In-Bay</i>			
Main Panel 1208 ISLANDS IN LAKE ERIE INCLUDING SANDUSKY BAY OHIO - -. Page/Side: -			
LAST EDITION	No new editions of chart 14844 will be published. It will be canceled on 04-Oct-23. Comparable or larger scale Electronic Navigational Chart (ENC) coverage is available. See "Cancellation 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 --	--
14846	16th Ed. 01-NOV-18 Last LNM: 38/18 NAD 83		28/23
<i>ChartTitle: SMALL-CRAFT BOOK CHART - West End of Lake Erie from Perrysburg, OH., of the Maumee R. to Huron R., Mich., and Bar Pt., Ont. (book of 34 charts)</i>			
Inset 1211 WEST END OF LAKE ERIE PAGE 2 - -. Page/Side: -			
LAST EDITION	No new editions of chart 14846 will be published. It will be canceled on 04-Oct-23. Comparable or larger scale Electronic Navigational Chart (ENC) coverage is available. See "Cancellation of NOAA Paper and Raster Nautical Charts" in Section I of this LNM for details. A list of all canceled NOAA charts is at https://www.charts.noaa.gov/MCD/Dole.shtml .	NOS --	--
14847	31st Ed. 01-FEB-05 Last LNM: 12/17 NAD 83		28/23
<i>ChartTitle: Toledo Harbor;Entrance Channel to Harbor</i>			
Main Panel 1250 TOLEDO HARBOR OHIO. Page/Side: N/A			
CANCELED	Chart 14847 is canceled. No Print-on Demand or digital raster formats of this chart are available. Comparable or larger scale Electronic Navigational Chart (ENC) coverage is available. See "Cancellation of NOAA Paper and Raster Nautical Charts" in Section I of this LNM for details. A list of all canceled NOAA charts is at	NOS --	--

14848	60th Ed.	01-OCT-18	Last LNM: 04/17	NAD 83	28/23
<i>ChartTitle: Detroit River</i>					
Main Panel 1252 DETROIT RIVER MICHIGAN - -. Page/Side: -					
CANCELED	Chart 14848 is canceled. No Print-on Demand or digital raster formats of this chart are available. Comparable or larger scale Electronic Navigational Chart (ENC) coverage is available. See "Cancellation of NOAA Paper and Raster Nautical Charts" in Section I of this LNM for details. A list of all canceled NOAA charts is at https://www.charts.noaa.gov/MCD/Dole.shtml .				NOS --
14850	56th Ed.	01-DEC-18	Last LNM: 44/21	NAD 83	28/23
<i>ChartTitle: Lake St. Clair</i>					
Main Panel 1257 LAKE SAINT CLAIR - -. Page/Side: -					
CANCELED	Chart 14850 is canceled. No Print-on Demand or digital raster formats of this chart are available. Comparable or larger scale Electronic Navigational Chart (ENC) coverage is available. See "Cancellation of NOAA Paper and Raster Nautical Charts" in Section I of this LNM for details. A list of all canceled NOAA charts is at https://www.charts.noaa.gov/MCD/Dole.shtml .				NOS --
14852	48th Ed.	01-OCT-18	Last LNM: 33/18	NAD 83	28/23
<i>ChartTitle: St. Clair River;Head of St. Clair River</i>					
Main Panel 1260 SAINT CLAIR RIVER MICHIGAN - -. Page/Side: -					
CANCELED	Chart 14852 is canceled. No Print-on Demand or digital raster formats of this chart are available. Comparable or larger scale Electronic Navigational Chart (ENC) coverage is available. See "Cancellation 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 --
14853	19th Ed.	01-OCT-18	Last LNM: 44/21	NAD 83	28/23
<i>ChartTitle: SMALL-CRAFT BOOK CHART - Detroit River, Lake St. Clair and St. Clair River (book of 47 charts)</i>					
Main Panel 1263 DETROIT RIVER - -. Page/Side: -					
LAST EDITION	No new editions of chart 14853 will be published. It will be canceled on 04-Oct-23. Comparable or larger scale Electronic Navigational Chart (ENC) coverage is available. See "Cancellation of NOAA Paper and Raster Nautical Charts" in Section I of this LNM for details. A list of all canceled NOAA charts is at https://www.charts.noaa.gov/MCD/Dole.shtml .				NOS --
14862	29th Ed.	01-MAY-16	Last LNM: 28/17	NAD 83	28/23
<i>ChartTitle: Port Huron to Pte aux Barques;Port Sanilac;Harbor Beach</i>					
Main Panel 1313 PORT HURON TO POINT AUX BARQUES MICHIGAN. Page/Side: A					
CANCELED	Chart 14862 is canceled. No Print-on Demand or digital raster formats of this chart are available. Comparable or larger scale Electronic Navigational Chart (ENC) coverage is available. See "Cancellation of NOAA Paper and Raster Nautical Charts" in Section I of this LNM for details. A list of all canceled NOAA charts is at https://www.charts.noaa.gov/MCD/Dole.shtml .				NOS --
14863	33rd Ed.	01-FEB-20	Last LNM: 47/16	NAD 83	28/23
<i>ChartTitle: Saginaw Bay;Port Austin Harbor;Caseville Harbor;Entrance to Au Sable River;Sebewaing Harbor;Tawas Harbor</i>					
Main Panel 1316 SAGINAW BAY MICHIGAN - -. Page/Side: -					
CANCELED	Chart 14863 is canceled. No Print-on Demand or digital raster formats of this chart are available. Comparable or larger scale Electronic Navigational Chart (ENC) coverage is available. See "Cancellation 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 --
14865	17th Ed.	01-FEB-14	Last LNM: 03/16	NAD 83	28/23
<i>ChartTitle: South End of Lake Huron</i>					
Main Panel 1326 SOUTH END OF LAKE HURON & HEAD OF ST CLAIR RIVER. Page/Side: N/A					
NOS					

CANCELED	Chart 14865 is canceled. No Print-on Demand or digital raster formats of this chart are available. Comparable or larger scale Electronic Navigational Chart (ENC) coverage is available. See "Cancellation of NOAA Paper and Raster Nautical Charts" in Section I of this LNM for details. A list of all canceled NOAA charts is at https://www.charts.noaa.gov/MCD/Dole.shtml .	--	--
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14880	34th Ed.	01-OCT-19	Last LNM: 19/22	NAD 83	28/23
<i>ChartTitle: Straits of Mackinac</i>					

Main Panel 1333 STRAITS OF MACKINAC - -. Page/Side: -			NOS
CANCELED	Chart 14880 is canceled. No Print-on Demand or digital raster formats of this chart are available. Comparable or larger scale Electronic Navigational Chart (ENC) coverage is available. See "Cancellation 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 .	--	--

14903	26th Ed.	01-AUG-20	Last LNM: 30/20	NAD 83	28/23
<i>ChartTitle: Algoma to Sheboygan;Kewaunee;Two Rivers</i>					

Main Panel 1363 LAKE MICHIGAN-ALGOMA TO SHEBOYGAN - -. Page/Side: -			NOS
LAST EDITION	No new editions of chart 14903 will be published. It will be canceled on 04-Oct-23. Comparable or larger scale Electronic Navigational Chart (ENC) coverage is available. See "Cancellation 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 .	--	--

14904	28th Ed.	01-MAY-19	Last LNM: 46/21	NAD 83	28/23
<i>ChartTitle: Port Washington to Waukegan;Kenosha;North Point Marina;Port Washington;Waukegan</i>					

Main Panel 1366 PORT WASHINGTON TO WAUKEGAN - -. Page/Side: -			NOS
LAST EDITION	No new editions of chart 14904 will be published. It will be canceled on 04-Oct-23. Comparable or larger scale Electronic Navigational Chart (ENC) coverage is available. See "Cancellation 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 .	--	--

14905	34th Ed.	01-AUG-20	Last LNM: 46/21	NAD 83	28/23
<i>ChartTitle: Waukegan to South Haven;Michigan City;Burns International Harbor;New Buffalo</i>					

Main Panel 1371 LK MICH WAUKEGAN ILL-SOUTH HAVEN MICH - -. Page/Side: -			NOS
LAST EDITION	No new editions of chart 14905 will be published. It will be canceled on 04-Oct-23. Comparable or larger scale Electronic Navigational Chart (ENC) coverage is available. See "Cancellation 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 .	--	--

14906	25th Ed.	01-SEP-13	Last LNM: 28/16	NAD 83	28/23
<i>ChartTitle: South Haven to Stony Lake;South Haven;Port Sheldon;Saugatuck Harbor</i>					

Main Panel 1375 LAKE MICHIGAN SOUTH HAVEN TO STONY LAKE. Page/Side: N/A			NOS
LAST EDITION	No new editions of chart 14906 will be published. It will be canceled on 04-Oct-23. Comparable or larger scale Electronic Navigational Chart (ENC) coverage is available. See "Cancellation of NOAA Paper and Raster Nautical Charts" in Section I of this LNM for details. A list of all canceled NOAA charts is at https://www.charts.noaa.gov/MCD/Dole.shtml .	--	--

SECTION V - ADVANCE NOTICES

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

SUMMARY OF ADVANCED APPROVED PROJECTS

<u>Approved Project(s)</u>	<u>Project Date</u>	<u>Ref. LNM</u>
None		
 <u>Advance Notice(s)</u>		
None		

SECTION VI - PROPOSED CHANGES

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

PROPOSED WATERWAY PROJECTS OPEN FOR PUBLIC COMMENT

Proposed Project(s)

None

Closing

Docket No.

Ref. LNM

Proposed Change Notice(s)

LAKE MICHIGAN -Kewaunee - Chart 14903

The Coast Guard is considering changing the operation of the sound signal on Kewaunee Shoal Light (LLNR 20965) from seasonally operating continuously April 1st to November 1st, to a 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: 16/23

LAKE MICHIGAN - Green Bay - Chart 14910

The Coast Guard is considering changing the operation of the sound signal on Peshtigo Reef Light (LLNR 21990) from seasonally operating continuously May 1st to October 20th, to a 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: 16/23

LAKE MICHIGAN – Waugoshance Point – Chart 14911

The Coast Guard is considering changing the operation of Garden Island Shoal Lighted Bell Buoy 1 (LLNR 21540) by eliminating the seasonal winter mark. The seasonal winter mark is routinely unreliable due to ice conditions and is often found off station or sunk during spring servicing.

LNM: 23/23

LAKE MICHIGAN – Waugoshance Point – Chart 14911

The Coast Guard is considering changing the operation of Ojibwa Island Shoal Buoy 1 (LLNR 21565) from permanent to seasonally relieved. The buoy is routinely unreliable due to ice conditions and is often found off station or sunk during spring servicing. The change would upgrade the seasonal buoy to a radar reflective can and significantly increase its radar detection range when on station.

LNM: 23/23

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

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

LNM: 30/13

SECTION VII - GENERAL

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

Waterways Analysis and Management System

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

Sackets Harbor
(LLNR 1755-2024.9)
Buffalo Harbor/Black Rock Canal
(LLNR 2665-3360)
Dunkirk Harbor
(LLNR 3365-3492)
Erie Harbor
(LLNR 3495-3696)
Conneaut Harbor
(LLNR 3700-3735)
Ashtabula Harbor
(LLNR 3740-3830)
Fairport Harbor
(LLNR 3835-3955)
Cleveland Harbor
(LLNR 3975-4260)
Huron Harbor
(LLNR 4430-5455)
Erie Islands
(LLNR 5520-6025)
Detroit River / East Outer Channel
(LLNR 6885-8270)

Waterways Analysis and Management System

St. Clair Rec/Belle Isle Channel
(LLNR 8280-8396)
Lake St. Clair
(LLNR 8665-9300)
Anchor Bay
(LLNR 9305-9565)
Toledo / Maumee Channel
(LLNR 6030-6455)
Monroe Harbor
(LLNR 6460-6680)
St. Clair River / Huron Cut
(LLNR 9570-10090)
St. Mary's River
(LLNR 12765-13755)
Lake Nicolet / Bayfield Channel
(LLNR 13955-14192)
Keweenaw Waterway
(LLNR 14725-15250)
Knife River / Two Harbors
(LLNR 16495-16580)
M.I.R.
(LLNR 11780-12170)
Marquette Harbor
(LLNR 14620-14720)
Apostle Islands
(LLNR 15255-15590)

LNM: 09/20

GREAT LAKES - Marine Events

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

LNM: 24/13

LAKE ONTARIO – Niagara River – Chart 14810

The Coast Guard has received a report of a large tree fixed to Lighted Buoy 43 (LLNR 3245), sticking 2ft-3ft out of the water in the vicinity of Gratwick Waterfront Park in position 42-03.372N 087-55.307W. All mariners are requested to transit the area with caution.

LNM: 19/23

ONEIDA LAKE - Billington Bay – Chart 14786

The Coast Guard has received a report of an adrift orange buoy floating sideways in the vicinity of Damon Point in Billington Bay, Oneida Lake. All mariners are requested to transit the area with caution.

LNM: 17/23

LAKE ONTARIO – Oswego Harbor – Chart 14813

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

LNM: 12/23

LAKE ONTARIO – Oswego Harbor – Chart 14800

From 30 June 2023 to 31 October 2023 Dean Marine and Excavating, INC will be conducting construction and breakwall repair in the Oswego Harbor. Hours of operation are from 0630 to 1900 7 days a week. ST-911 Enduring Freedom can be contacted on VHF channel 16. All mariners are requested to transit the area with caution.

LNM: 22/23

LAKE ONTARIO – Little Sodus Bay – Chart 14800

From 27 July 2023 to 18 Sep 2023 Dean Marine and Excavating INC will be dredging in the Little Sodus Bay Harbor. Hours of operation are from 0630 to 1930 Sunday to Monday. Megan J can be contacted on VHF channels 79 and 16. All mariners are requested to transit the area with caution.

LNM: 22/23

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.

LNM: 19/23

LAKE ONTARIO – Rochester Harbor – Chart 14800

From 26 June 2023 to 15 Sep 2023 Great Lakes Dock and Material will be conducting pier repair in Charlotte NY. Hours of operation are 24 hours a

LAKE ONTARIO – Rochester Harbor – Chart 14800

day 7 days a week. Tug Duluth, Barge Jacyuelyn, Barge Hannah Avery can be contacted on VHF 7 and 16. All mariners are requested to transit the area with caution.

LNM: 26/23

LAKE ERIE - Buffalo River – Chart 14833

From 30 May 2023 to 30 September 2023 BIDCO Marine Group Inc will be conducting diving and pile driving operations in the Buffalo River in positions 42° 52' 25.536" N 78° 52' 37.8372" W and 42° 52' 19.272" N 78° 52' 23.2932" W. Hours of operations are from 0700 to 1530 Monday through Friday. Spud barges on scene can be contacted on VHF channel 16. All mariners are requested to transit the area with caution.

LNM: 22/23

LAKE ERIE - Buffalo River – Chart 14833

From 19 June 2023 to 06 July 2023 BIDCO Marine Group Inc will be conducting geotechnical drilling operations in the Buffalo Harbor, South Pier of the Buffalo River near US Coast Guard station/ China Lighthouse in position 42° 52' 40.1988" N Longitude: 78° 53' 22.2468" W. Hours of operations are from 0700 to 1530 Monday through Friday. Spud barges on scene can be contacted on VHF channel 16. All mariners are requested to transit the area with caution.

LNM: 23/23

LAKE ERIE - Buffalo – Chart 14838

From 1 July 2023 to 15 December 2023 Ryba Marine Construction will be conducting repairs to the Buffalo north breakwater. Hours of operation are 24 hours a day 7 days a week. Tug Thomas R. Morrish can be contacted on VHF channels 13 and 16. All mariners are requested to transit the area with caution.

LNM: 22/23

LAKE ERIE – OH - Ashtabula Harbor – Chart 14836

A submerged breakwater is being constructed in Ashtabula Harbor, to be connected to the existing East Breakwater. The submerged breakwater will be 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.

LNM: 17/23

LAKE ERIE – Fairport Harbor – Chart 14829

The Army Corp of Engineers will be deploying new research buoys in the vicinity of Fairport Harbor in positions.

- A 41-710366N 81-383600W
- B 41-760039N 81-280720W
- C 41-764492N 81-247534W
- D 41-772914N 81-239151W
- E 41-780165N 81-242502W
- F 41-770848N 81-227184W
- G 41-775474N 81-212654W
- H 41-780889N 81-198304W
- I 41-800360N 81-154247W

All mariners are requested to transit the area with caution.

LNM: 17/23

Lake Erie – NY - Barcelona Harbor – Chart 14823

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

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

LNM: 23/22

LAKE ERIE – OH – Cleveland Harbor – Chart 14839

From 15 April 2023 to 14 July 2023 Dean Marine and Excavating Inc will be conducting breakwater repairs in the Cleveland Harbor West Basin /

LAKE ERIE – OH – Cleveland Harbor – Chart 14839

Cuyahoga River. Hours of operation are from 0700 to 1900 7 days a week. Madison R, ST911 and Paige Noel can be contacted on VHF 16. Request a 2-hour notice of arrival for commercial traffic. Work will be on the West Cleveland Harbor Breakwater and traversing through the harbor's west basin, dock 20 to and from West Breakwater. All mariners are requested to transit the area with caution.

LNM: 11/23

LAKE ERIE – Cuyahoga River – Chart 14829

The Coast Guard has received a report of a fixed 5' wide section of steel bulkhead protruding into the Cuyahoga River in approximate position 41 29' 34"N, 081 41' 31"W. All mariners are requested to transit the area with caution.

LNM: 19/23

LAKE ERIE – Cuyahoga River – Chart 14829

Marine Solutions Inc. (MSI) construction crews will be working in the Cuyahoga River at the Buckeye Cleveland Oil and Gas Terminal (directly downstream of the West Third Street Bridge), performing repairs on a steel sheet pile bulkhead wall. from July 17-21, 2023 from 0700 to 1900 each day. The work area begins at the West Third Street Bridge and extends approximately 800ft downstream. The in-water work will include cutting and welding, with divers in the water periodically throughout each workday. The construction operations will be conducted from a 28ft vessel position along the bulkhead wall. The project is located in position 41-29-16.53 N, 081-41-03.95 W. POC is Chad Stephens, (814) 746-2855, and will be at the work site each day.

LNM: 28/23

LAKE ERIE – Vermilion – Chart 14839

From 7 August 2023 to 4 Dec 2023 Mark Excavating and Trucking Inc will be conducting reconstruction of the West Pier in Vermilion OH. Hours of operation will be from sunrise to sunset Monday thru Friday. No vessels will be used and work will be performed adjacent to the existing west pier from the west side of the pier with excavators. All mariners are requested to transit the area with caution.

LNM: 28/23

DETROIT RIVER– Detroit – Chart 14854

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

LNM: 11/23

LAKE HURON – Grand Island – Chart 14860

On June 8, 2023 a wave monitoring buoy has been deployed 25 nautical miles north of Grand Island. in position 46° 58' 21.720" N, 86° 34' 5.520" W. Depth 160 meters.

The duration is as follows: Station instrumented seasonally May to October This buoy is to be maintained for USACE as part of the Coastal Data Information Program (CDIP). The wave buoy is a 3 foot diameter sphere with an attached telemetry whip antenna and a night time yellow color warning flashing light. The light timing sequence is a series of 5 flashes at 1-second intervals with a period of 20 seconds between each series. The buoy is painted yellow and marked "Wave Buoy" with the phone number 858- 534-3032.

LNM: 24/23

ST MARYS RIVER- Saint Mary's River – Chart 14887

From 10 July 2023 to 16 July 2023 AEM Group will be conducting stationary sediment sampling from a pontoon boat upstream from the Soo Locks and the Point Iroquois Lighthouse. Hours of operation are from 0600 to 2000 7 days a week. Mannik and Smith Pontoon boat can be contacted on VHF channels 16 and 69. All mariners are requested to transit the area with caution.

LNM: 27/23

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

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

LNM: 09/21

ST MARYS RIVER – Sault Ste. Marie – Chart 14883

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

LNM: 12/23

LAKE MICHIGAN – Illinois River - Chart 14901

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

LNM: 49/22

LAKE MICHIGAN – Waukegan – Chart 14904

From 15 May 2023 to 31 Oct 2023 Michels Construction will be performing Break Wall construction between North Point Marina and Waukegan harbor, along the shores of Illinois State Beach Park. Operations will be 24 hours a day, 7 days a week. Consisting of material barges, spud barges,

LAKE MICHIGAN – Waukegan – Chart 14904

and tugboats. There will be 2 anchor buoys roughly 3,000 ft offshore that will be lighted. Barges will be tied up on these anchors at all times. The First location of the anchors will be as follows: Anchor 1 - 42.28'39.59"N 87.47'25.59"W Anchor 2 - 42.28'18.39"N 87.47'21.26"W. These will be on this location from 5.15.23 to 10.1.23. They will then be moved south to new locations that will be updated. Lighted Danger buoys will be placed along the work area where construction is taking place. Tug Ruth Lucille, Leona B, and Kimberly will be available on VHF channel 16.

LNM: 24/23

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 – Charlevoix – Chart 14930

The US Army Corps of Engineers will be performing structure maintenance and dive inspections on the Charlevoix Harbor navigation structures daily, 17 to 28 July from 0700 to 1900. During work hours, maintenance and inspection equipment will restrict the channel width by 45 feet. The full channel width will be restored after daily logistics movements are completed. Questions regarding this notice may be directed to the Grand Haven Resident Engineer, Elizabeth Wilkinson at (616) 240-7989.

LNM: 28/23

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 – South Haven – Chart 14906

From 4 June 2023 to 25 July 2023 The King Company INC will be conducting hydraulic dredging in the South Haven outer and inner channel. Hours of operation are 24 hours a day 7 days a week. Buxton II can be contacted on VHF channels 16, 18 and 73. Submerged pipe laying on the lake floor marked by orange round buoys every 500 feet. (2) white buoys will be seen North and South of the dredge. The white buoys indicate winch anchor locations. Disposal area starts south of the channel at the pier and runs for an additional 1,900'. Main contact will be the Superintendent Joseph Martin. Cell# listed below. During rough seas our pipe pontoon will be floating outside of the channel. It is bright yellow, 25'x8'x6' and has (2) flashing lights on each end that come on at night. All mariners are requested to transit the area with caution.

LNM: 22/23

LAKE MICHIGAN – Whihala Beach – Chart 14927

Whoazone has established a waterborne obstacle course at the Whihala Beach that will be in operation from 11 June 2023 to 26 August 2023. 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: 17/23

LAKE MICHIGAN – Sheboygan River – Chart 14922

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

LNM: 24/22

LAKE MICHIGAN – Sheboygan - Chart 14903

From 5 May 2023 to 1 December 2023 Kokosing Industrial Inc will be conducting pipeline installation and dredging in Sheboygan WI. Hours of operations are from 0700 to 1900 with a possibility of 24 hour operations 7 days a week. Tug Nancy Anne can be contacted on VHF channels 13 and 16. Kokosing IV barge will be working on spuds with accompanying Tug Nancy Anne. Operations will be approximately 1.25 miles north of Sheboygan river entrance. Diving operations are present, nearby vessels maintain 500 foot CPA, minimum. Pleasure craft and passing vessels should remain a safe distance from the work at all times. Additional barges will be moored on anchor buoys inside the Sheboygan river breakwalls. All mariners are requested to transit the area with caution.

LNM: 18/23

LAKE MICHIGAN – Rawley Point – Chart 14902

On June 1, 2023 a wave monitoring buoy has been deployed 22 nautical miles ESE off Rawley Pt. in position 44° 03' 18.000" N, 87° 03' 0.000" W. Depth 145 meters.

The duration is as follows: Station instrumented seasonally May to October

This buoy is to be maintained for USACE as part of the Coastal Data Information Program (CDIP). The wave buoy is a 3 foot diameter sphere with an attached telemetry whip antenna and a night time yellow color warning flashing light. The light timing sequence is a series of 5 flashes at 1-second intervals with a period of 20 seconds between each series. The buoy is painted yellow and marked "Wave Buoy" with the phone number 858- 534-3032.

LNM: 23/23

WESTERN LAKE MICHIGAN

WESTERN LAKE MICHIGAN

From 15 July 2023 to 15 October 2023 Ocean Surveys Inc will be conducting hydrographic survey for nautical chart updates. Hours of surveying will be 24 hours a day 7 days a week. M/V Northstar Challenger, R/V South Cove and R/V North Cove can be contacted on VHF channels 13 and 16. All mariners are requested to transit the area with caution.

LNM: 28/23

LAKE MICHIGAN - Milwaukee - Chart 14924

J.F. Brennan company will be conducting construction operations on the south end of the confluence of the Milwaukee and Menomonee rivers. This work will take place daily from 7:00 am to 7:00 pm from March 27 to August 31, 2023. A turbidity barrier, small craft, and barges will be used throughout the project. this area will remain open to vessel traffic. please transit the area with caution. the project superintendent can be contacted at 920-205-7149 with any questions. All mariners are requested to transit the area with caution.

LNM: 13/23

LAKE MICHIGAN – Sheboygan – Chart 14924

From 6 July 2023 to 31 Jan 2024 Kokosing Industrial will be conducting pipeline installation dredging and diving. Hours of operation are 0700 to 1900 normally 7 days a week with a possibility of 24 hours when needed. Tug Nancy Anne and Tug WM Boyd can be contacted on VHF channels 13 and 16. Mooring buoys will be located 1500 ft due north of the Sheboygan Water Utility. All mariners are requested to transit the area with caution.

LNM: 28/23

LAKE MICHIGAN – Milwaukee Harbor – Chart 14924

The Coast Guard has commissioned three temporary red buoys in the Milwaukee River on the south side of the Broadway Street Bridge (MM 0.79) towards the decommissioned railroad swing bridge for dredging operations. The center buoy is lighted displaying a red quick flash. 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: 25/23

LAKE MICHIGAN – Milwaukee - Chart 14924

From 15 August 2023 to 30 Sep 2023 Great Lakes Dock and Materials LLC will be conducting breakwater repair of south shore breakwater at the North section in Milwaukee. Hours of operation are 24 hours a day 7 days a week. Barge Justin Avery, Tug Defiance and Tug George F. Biley can be contacted on VHF channels 16 and 18. All mariners are requested to transit the area with caution.

LNM: 28/23

LAKE MICHIGAN – St. Joseph – Chart 14930

From 1 July 2023 to 31 Aug 2023 Great Lakes Dock and Materials will be performing maintenance dredging in the inner harbor of St. Joseph. Hours of operations are 24 hours a day 7 days a week. Dredge Justin Avery, Tug George F. Bailey and Tug Defiance can be contacted on VHF channels 16 and 18. All mariners are requested to transit the area with caution.

LNM: 12/23

LAKE MICHIGAN –St. Joseph River – Chart 14930

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

LNM: 43/22

LAKE MICHIGAN – Ludington – Chart 14901

From 01 March 2023 to 01 October 2023 Under Water Construction will be conducting dive operations at the Ludington pump storage power plant. All mariners are requested to transit the area with caution. Contact Under Water Construction at (269)921-2390.

LNM: 17/23

LAKE MICHIGAN – Grand Haven – Chart 14933

From 05 June 2023 to 12 July 2023 the King Company, Inc will be conducting hydraulic dredging in the Grand Haven Outer Channel. Hours of operation are 24 hours a day 7 days a week. Dredge Barry J can be contacted on VHF channels 16, 18, and 73. Dredging Grand Haven's Outer channel. Submerged pipe laying on the lake floor marked by orange round buoys every 500 feet. (2) white buoys will be seen North and South of the dredge. The white buoys indicate winch anchor locations. Disposal area starts North of the pier 7,000' and runs for an additional 3,000'. Main contact will be the Superintendent Robert Lister. Cell# listed below. During rough seas our pipe pontoon will be floating outside of the channel. It is bright yellow, 25'x8'x6' and has (2) flashing lights on each end that come on at night.

LNM: 20/23

LAKE MICHIGAN – Chicago – Chart 14928

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

LNM: 12/23

LAKE MICHIGAN – Chicago – Chart 14928

The Coast Guard will establish a safety zone on Lake Michigan in the vicinity of the Chicago Harbor in Chicago, IL. The safety zone will be enforced from 12 noon through 7:30 p.m. each day of the event and will encompass all navigable waters of Lake Michigan and the Chicago Harbor bounded by a line drawn from the east side of the Jardine Water Filtration Plant at 41°53.700' N, 87°36.140' W, then northeast to 41°54.000' N, 87°34.100' W, then south to 41°52.000' N, 87°34.100' W, then west to 41°52.000' N, 87°36.220' W, then northwest to 41°52.450' N, 87°36.520' W, then north to 41°53.160' N, 87°36.520' W, then northeast to 41°53.240' N, 87°36.375' W, then east to 41°53.240' N, 87°36.070' W, then north to 41°53.470' N, 87°36.070' W, then east to 41°53.470' N, 87°35.910' W, then north to 41°53.545' N, 87°35.910' W, then west to 41°53.545' N, 87°36.140' W, then north back to the point of origin. A 300-foot traffic lane will allow vessel movement between the Chicago River, Monroe Harbor, and Lake Michigan. Entry into, transiting, or anchoring within the safety zone is prohibited unless authorized by the Captain of the Port Lake Michigan or a designated representative. MSU Chicago Waterways Management Division at 630-986-2155 or Sector Lake Michigan Command

LNM: 24/23

LAKE SUPERIOR – Little Lake Harbor – Chart 14961

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

LNM: 47/22

LAKE SUPERIOR – MN – Spirit Lake – Chart 14975

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

LNM: 26/22

LAKE SUPERIOR – Tallas Bay

From 27 June 2023 to 30 June 2023 Great lakes Environmental Center will be conducting sampling and analysis of soils and sediments in Tallas Bay, St Louis River area. Hours of operation are from 0700 to 1900 Monday through Thursday. A GLEC 25ft sediment coring pontoon can be contacted on VHF channels 9 and 16. All mariners are requested to transit the area with caution.

LNM: 17/23

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
3485	BARCELONA HARBOR WEST BREAKWATER LIGHT	42-20-42.800N 079-35-46.400W	Fl R 4s	26 8	7	TR on post.	28/23
5510	Gem Beach Access Channel Daybeacon 5	41-33-45.215N 082-49-22.356W			*	SG on pile.	28/23
		*					

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	Expected Levels (inches above or below Low Water Datum,0)				
			Current	Week 1	Week 2	Week 3	Week 4
		IGLD 1985	7-Jul	14-Jul	21-Jul	28-Jul	4-Aug
GREAT LAKES							
Lake Ontario		243.3	39	38	37	36	35
Lake Erie		569.2	44	43	42	42	41
Lake St. Clair		572.3	42	41	40	39	38
Lake Michigan-Huron		577.5	26	26	26	26	26
Lake Superior		601.1	18	18	18	18	18
ST. LAWRENCE RIVER							
Above Long Sault Dam	0	237.9	38	38	37	36	36
Above Iroquois Dam	1	240.3	32	32	30	30	29
Ogdensburg	2	242.4	34	33	32	31	29
Alexandria Bay	2.1	243.0	37	37	36	35	34
Head of river at Cape Vincent	3	243.3	39	38	37	36	35
DETROIT RIVER							
Lake Erie at Pelee Passage	4	569.2	44	43	42	42	41
Mouth of River at Gibraltar	5	569.5	48	47	47	46	45
Fort Wayne	5.1	571.1	46	45	44	43	42
Head of River above Belle Isle	6	572.0	43	42	41	40	39
ST. CLAIR RIVER							
Mouth of River at St. Clair Flats	7	572.3	42	41	40	39	38
Algonac	8	572.8	42	41	41	40	39
St. Clair	9	574.4	38	37	37	36	36
Blue Water Bridge	10	576.2	34	33	33	33	32
Head of River at Fort Gratiot	11	577.2	29	29	29	28	28
Lake Huron Approach Channel	12	577.5	26	26	26	26	26
ST. MARYS RIVER							
Mouth of River at Detour	13	577.5	26	26	26	26	26
West and Middle Neebish	14	577.8	25	25	25	24	24
Head of Little Rapids	15	578.4	26	26	26	26	26
U.S. Slip	16	578.7	26	26	26	26	26
Above Locks	17	600.4	20	20	20	19	19
Head of River at Point Iroquois	18	601.1	18	18	18	18	18

UNDERSTANDING THE FORECAST

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

CAUTION

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

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

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>
<u>LAKE ONTARIO</u>					
Massena, NY	Major League Fishing (BFL)	9 July-10 July	0630-1430	Steve Neal Sizemor	270-703-8882
Henderson Harbor	Henderson Business and Community Council	8 July	0800-1100	Timothy O'Donnell	315-322-8168
Rochester, NY		08/19/2023-08/20/2023	0900-1600	Kenny Fourspring	585-902-2183
Rochester, NY	Genesee Yacht Club Saturday Morning Racing	05/27/2023 - 10/07/2023	0900-1400	Kenny Fourspring	585-902-2183
Rochester, NY	Genesee Yacht Club Tuesday Night Racing	05/23/2023 - 09/19/2023	1800-2100	Kenny Fourspring	585-902-2183
Youngstown, NY	jackbeattymemorialhospicecruise AND CLAM BAKE	14-Jul-23	1430-0600	Paul Beatty	716-860-2854
Oswego, NY	Oswego Paddlefest	16-Jul-23	0800-1500	Mercedes Niess	315-481-6954
Rochester, NY	Scotch Bonnet Light Race	08/25/2023-08/26/2023	1700-2100	Kenny Fourspring	585-902-2183
<u>LAKE ERIE</u>					
Eastlake, OH	Eastlake Willoughby Offshore Grand Prix	15 & 16 JUL 2023	1200-1700	Kristen Mendeszoo	216-970-0774
Sandusky	Sandusky Sailing Club -Wednesday Evening Race	7/12/2023	1830-2100	Tracy Girard	313-475-7475.
Sandusky	Sandusky Sailing Club - Friday Night Laser Series	7/14/2023	1800-2030	Tracy Girard	313-475-7475.
Sandusky	Sandusky Sailing Club -Sunday Morning Race Series	7/16/2023	0930-1100	Tracy Girard	313-475-7475.
Eastlake, OH	Eastlake Willoughby Offshore Grand Prix	15, 16 Jul 2023	1145-1715	Kristen Mendeszoo	216-970-0774
Sheffield Lake, OH	Sheffield Lake Annual Community Day Festival	21 Jul 2023	2145-2245	Katie DuVerney	330-650-1776
Madison Township, OH	Madison Township Light Up The Park	22 Jul 2023	2115-2215	Katie DuVerney	330-650-1776
Cleveland, OH	Whiskey Island Boat Club Parade of Lights	22 Jul 2023	1945-2315	Denny Prochaska	440-390-8228
Cleveland, OH	Blazing Paddles Paddlefest	22 Jul 2023	0715-1345	Jim Ridge	216-496-3763
Cleveland, OH	2023 Brogan Open Water Classic	22 Jul 2023	0645-1115	Chuck Beatty	330-808-4821
Ashtabula, OH	Wine and Walleye Fireworks	22 Jul 2023	2015-2315	Shawn Gruber	440-344-1870
Madison, OH	North Perry Village Fireworks Show	29 Jul 2023		Timothy Sitz	440-259-2880

DETROIT RIVER

LAKE ST. CLAIR/St. Clair River

Grosse Ile	Ford Yacht Club - Dacron rum Races #5	7/16/2023	1400-1700	Tracy Girard	313-475-7475.
Detroit	Grosse Point Sail Club Tuesday Night Series #8	7/18/2023	0700-2030	Tracy Girard	313-475-7475.
Grosse Ile	Ford Yacht Club - Midsummer Series #1	7/12/2023	1800-2300	Tracy Girard	313-475-7475.

LAKE HURON

Bay City	Bay City Yacht Club Sailboat Racing Wednesday	7/12/2023	1900-2200.	Tracy Girard	313-475-7475.
Port Huron	Port Huron Blue Water Festival Fireworks	7/13/2023	2200-2230	Tracy Girard	313-475-7475.
Port Huron	Port Huron to Macinaw race	7/15/2023	1100-1400	Tracy Girard	313-475-7475.
Tawas	Tawas Bay Yacht Club Race Series #20	7/15/2023	1100-1600	Tracy Girard	313-475-7475.
Tawas	Tawas Bay Yacht Club Race Series #21	7/16/2023	1100-1600	Tracy Girard	313-475-7475.

LAKE MICHIGAN & Green Bay

N/A

LAKE SUPERIOR

N/A

CURRENT NINTH DISTRICT BRIDGE MAINTENANCE/ACTIVITIES

Week [28/23]

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

Mariner & Bridge Owner TEAMS Meeting information at the end of this notice.

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

Please contact us with any questions or concerns:

Blair Stanifer (216) 902-6086 or William.B.Stanifer@uscg.mil
Lee Soule (216) 902-6085 or Lee.D.Soule@uscg.mil
Michael Walker (216) 902-6087 or Michael.O.Walker2@uscg.mil
FAX: (216) 902-6088

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

NOTES:

[U.S. Coast Guard \(govdelivery.com\)](https://govdelivery.com)

Instead of building emails in groups of 300 we will send the maintenance list through Gov Delivery. You can control your subscription and services by clicking on the link above.

This new service will allow you to receive regional Broadcast notice to mariners, Local notice to Mariners, and emails like this one to your personal computer or handheld device through separate subscriptions all through our NAVCEN.GOV website.

[Subscribe to Our RSS Feeds | Navigation Center \(uscg.gov\)](#)

This is a quick link to subscribe to Broadcast Notice to Mariners

Coast Guard Local Notice to Mariners (LNM) available by clicking [HERE](#) for the most recent and complete marine information and subscription opportunities.

We will blend this weekly email between govdelivery and regular email until we are sure all of you are getting the information you need.

ACTIVE BROADCAST NOTICE TO MARINERS (BNM)

SAFETY BCST PLUS SKED BCST UNTIL 131930Z JUL 23
U.S.C.G. NINTH DISTRICT NOTICE TO MARINERS C093-23
MI - LAKE MICHIGAN - ST JOSEPH RIVER

ON JULY 3, 2023, FROM 2100 TO 0100 THE BLOSSOMLAND/M-63 BRIDGE AT MILE 0.92 AND THE TWIN CITIES BICENTENNIAL BRIDGE AT MILE 1.30, OVER THE SAINT JOSEPH RIVER WILL BE

SECURED TO MASTED NAVIGATION IN CONJUNCTION WITH THE CITY'S FIREWORKS DEMONSTRATION. VESSELS ABLE TO PASS UNDER THE BRIDGE WITHOUT AN OPENING MAY DO SO AT ANY TIME.

SAFETY BCST PLUS SKED BCST UNTIL 272200Z JUN 23
U.S.C.G. NINTH DISTRICT NOTICE TO MARINERS C094-23
IL- LAKE MICHIGAN -CALUMET HARBOR

ON JUNE 26 AND JUNE 27, 2023, BETWEEN THE HOURS OF 0700 AND 1700 EACH DAY THE 92ND STREET BRIDGE AT MILE 0.76 (CORPS MILE 332.4) OVER THE CALUMET RIVER WILL REQUIRE A 1-HOUR ADVANCE NOTICE FOR TWO LEAF OPERATIONS. ONE LEAF WILL OPERATE NORMALLY.

SAFETY BCST PLUS SKED BCST UNTIL 122200Z JUL 23
U.S.C.G. NINTH DISTRICT NOTICE TO MARINERS C097-23
MN- LAKE SUPERIOR - DULUTH-SUPERIOR HARBOR

FROM JULY 5 THROUGH NOVEMBER 15, 2023, BETWEEN THE HOURS OF 0800 AND 2000, MONDAY THROUGH FRIDAY THREE 32-FOOT BY 120-FOOT OR SMALLER BARGES WILL BE DRILLING BORE HOLES NEAR THE JOHN A. BLANTNIK BRIDGE AT MILE 2.74 OVER THE ST. LOUIS BAY AND RIVER JUST OUTSIDE OF THE NAVIGATION CHANNEL. THE BARGES WILL MONITOR VHF-FM MARINE CHANNEL 16.

SAFETY BCST PLUS SKED BCST UNTIL 130100Z JUL 23
U.S.C.G. NINTH DISTRICT NOTICE TO MARINERS C099-23
MI - ST. CLAIR RIVER - PORT HURON

ON JULY 12, 2023, BETWEEN THE HOURS OF 1800 AND 2100, THE MILITARY STREET BRIDGE AT MILE 0.33, THE 7TH STREET BRIDGE AT MILE 0.50, AND 10TH STREET BRIDGE AT MILE 0.94, OVER THE BLACK RIVER WILL BE SECURED TO MASTED NAVIGATION IN CONJUNCTION WITH THE ROTARY INTERNATIONAL DAY PARADE.

SAFETY BCST PLUS SKED BCST UNTIL 152200Z JUL 23
U.S.C.G. NINTH DISTRICT NOTICE TO MARINERS C100-23
MI - ST. CLAIR RIVER - PORT HURON

ON JULY 15, 2023, THE MILITARY STREET BRIDGE AT MILE 0.33, THE 7TH STREET BRIDGE AT MILE 0.50, AND 10TH STREET BRIDGE AT MILE 0.94, ALL OVER THE BLACK RIVER WILL OPERATE INTERMITTENTLY IN SUPPORT OF THE MACKINAC SAILBOAT RACE.

SAFETY BCST PLUS SKED BCST UNTIL 192200Z JUL 23
U.S.C.G. NINTH DISTRICT NOTICE TO MARINERS C101-23
IL- LAKE MICHIGAN - CALUMET SAG CHANNEL

FROM JULY 10, THROUGH AUGUST 8, 2023, BETWEEN THE HOURS OF 0600 AND 1800, MONDAY THROUGH SATURDAY A 30-FOOT BY 120-FOOT BARGE WILL BE WORKING UNDER THE SAG HIGHWAY BRIDGE AT MILE 28.76 (CORPS MILE 304.2) OVER THE CALUMET-SAG CHANNEL. THE BARGE WILL MONITOR VHF-FM MARINE CHANNEL 16 AND WILL MOVE IF A 1-HOUR ADVANCE NOTICE IS PROVIDED DIRECTLY TO THE BARGE.

SAFETY BCST PLUS SKED BCST UNTIL 192200Z JUL 23
U.S.C.G. NINTH DISTRICT NOTICE TO MARINERS C102-23
NY - NEW YORK BARGE CANAL- ERIE CANAL

FROM JULY 10 THROUGH OCTOBER 15, 2023, BETWEEN THE HOURS OF 0600 AND 1800 MONDAY THROUGH FRIDAY A 30-FOOT HARCON BRIDGE INSPECTION VESSEL WILL BE INSPECTING ALL BRIDGES FROM E96, LYONS-MAR ROAD BRIDGE AT MILE 217.76 TO THE E212, MARSHALL

ROAD BRIDGE AT MILE 305.63. THE HARCON WILL MONITOR VHF- FM MARINE CHANNEL 16 AND WILL MOVE WITH A 15-MINUTE ADVANCE NOTICE.

SAFETY BCST PLUS SKED BCST UNTIL 112100Z JUL 23
U.S.C.G. NINTH DISTRICT NOTICE TO MARINERS C103-23
IL- LAKE MICHIGAN - CALUMET SAG CHANNEL

ON JULY 10 AND JULY 11, 2023, BETWEEN THE HOURS OF 0830 AND 1600 EACH DAY INSPECTORS WILL UTILIZE SNOOPER TRUCKS UNDER THE SOUTHWEST HIGHWAY (IL 7) BRIDGE AT MILE 22.25 (CORPS MILE 310.7) OVER THE CALUMET-SAG CHANNEL. SPOTTERS WILL WARN INSPECTORS OF APPROACHING VESSELS AND WILL MOVE THE MAN LIFT TO ALLOW VESSELS TO PASS UNDER THE BRIDGE.

FEDERAL REGULATIONS DOCKET STATUS

USCG-2022-0237 - FR – Keweenaw Waterway – to Legal Review and Command Approval
USCG-2023-0113 - FR - Cheboygan River – to Legal Review and Command Approval
USCG-2023-0183 -NPRM – River Rouge – Posted, Comments Due July 5, 2023.
USCG-2023-0184 -NPRM – Maumee River – Posted, Comments due June 26, 2023.
USCG-2023-0185 -NPRM – Sandusky Bay – Posted, Comments due July 7, 2023
USCG-2023-0186 -NPRM – Portage River – Posted, Comments due July 5, 2023
USCG-2023-0187 -NPRM – Black River – Posted, Comments Due July 3, 2023.
USCG-2023-0188 -NPRM – Cuyahoga River – Posted, Comments due July 21, 2023
USCG-2023-0189 -NPRM – Ashtabula River – Posted, Comments due July 5, 2023

ACTIVE LOCAL NOTICE TO MARINERS (LNM)

GREAT LAKES REGION

GREAT LAKES, Drawbridge Delay Reports, Chart 14500

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

[08/05] [34/12]

ST. LAWRENCE SEAWAY

NY STATE CANAL SYSTEM

(Everything West of St. Johnsville, NY)

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

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

[12/22]

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

From May 15 through **September 15, 2023**, between the hours of 0730 and 1700, Monday through Friday a 35-foot Harcon Inspection Vessel will be working under the O4 Culvert Street at mile 2.19 over the Oswego Canal, the bridges between the E-60 Higginsville Rd Bridge, mile 126.04, and the E-92, Armitage Road Bridge, mile 205.59, over the Erie Canal, and the S1 US 20 Bridge at mile 2.97 and the S7 Bridge Street Bridge, mile 8.90 over the Cayuga Seneca Canal. The Harcon will monitor VHF-FM Marine Channel 16 and will move if provided a 15-min advance notice of arrival.

[17/23]

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

From July 10 through **October 15, 2023**, between the hours of 0600 and 1800 Monday through Friday a 30-foot Harcon bridge inspection vessel will be inspecting all bridges from E96, Lyons-Mar Road Bridge at Mile 217.76 to the E212, Marshall Road Bridge at Mile 305.63. The Harcon will monitor VHF- FM marine channel 16 and will move with a 15-minute advance notice.

[27/23]

NEW YORK STATE CANAL SYSTEM – NY – Erie Canal – Chart 14786 – Proposed Bridge Construction

The U. S. Coast Guard is requesting mariner and public input regarding the proposed construction of the U.S. Route 11 Bridge, Bridge E-64, across Mile 150.58 of the Erie Canal between the Town of Cicero, Onondaga County, and the Town of Hastings, Oswego County, New York. The New York State Department of Transportation proposes to replace the existing three-span fixed bridge with another three-span fixed bridge. The proposed permanent replacement structure would have a minimum vertical clearance of 24.23-feet at center, 23.20-feet at limit of the navigation channel, and a horizontal clearance of 240.00-feet. Additionally, there is a proposed temporary bridge which would be placed approximately 50.00-feet west of the existing structure during demolition of the existing structure and construction of the proposed structure. It would have a minimum vertical clearance of 23.50-feet throughout, and a horizontal clearance of 201.50-feet. The complete public notice including a map of the location, and plans for the proposed bridge can be viewed and printed from the U.S. Coast Guard Navigation Center's web site <https://www.navcen.uscg.gov/public-notice-for-bridges-active> under Bridge Notices - Bridge Notices-Active – District 9, or by calling, emailing or mailing a request to the Coast Guard project manager, Mr. Michael Walker, Commander (dpb), Ninth Coast Guard District, 1240 E. 9th St., Room 2047, Cleveland, OH 44199, (216) 902-6087, or michael.o.walker2@uscg.mil. Comments received will be made part of the case record until **August 11, 2023**.

[28/23]

LAKE ONTARIO

LAKE ONTARIO – NY – Rochester Harbor – Chart 14815

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

[08/23]

LAKE ONTARIO – NY – Chaumont Harbor – Chart 14811

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

[13/23]

LAKE ERIE - MAHONING RIVER - NIAGARA RIVER- ALLEGHENY RIVER

*****REVISED*****

LAKE ERIE – OH – Toledo Harbor – Chart 14847

From July 1, 2019, through **September 18, 2023**, a temporary causeway will be constructed between mile 6.73 and 6.76 for the construction of the new and demolition of the old Michael V. DiSalle Memorial (I-75) Bridge at Mile 6.73 over the Maumee River. The causeway will be marked with flashing yellow lights spaced approximately 10 meters apart with red over red lights marking the ends of the causeway. A 100-foot-wide channel will be provided for vessels to pass through the construction area. Mariners are encouraged to pass through the area at a slow speed.

[26/19] [21/20] [14/23]

LAKE ERIE – NY – Buffalo Harbor – Chart 14833

From May 1 through **August 21, 2023**, contractors will install work platforms between the seawall and the fendering of the Michigan Street Bridge at Mile 1.34 over the Buffalo River to repair and replace the fendering. When excavators are being used to move materials spotters will warn of approaching vessels and move the equipment for vessels to pass.

[15/23]

*****PROPOSED RULE*****

LAKE ERIE – OH – Cleveland Harbor Chart 14839

The Coast Guard has published in the Federal Register (**88 FR 32709**) a proposal to create a new operating schedule to govern all movable bridges over the Cuyahoga River. The Coast Guard is also proposing new rules that will assist mariners signal for and anticipate bridge openings. Mariners have raised concerns to the Ninth Coast Guard District Commander regarding the safety and consistency of moveable bridge operations on the Cuyahoga River. These additions are proposed in response to those concerns. If you have questions on this temporary final rule, call or e-mail Mr. Lee D. Soule, Bridge Management Specialist, Ninth Coast Guard District; telephone 216-902-6085, e-mail Lee.D.Soule@uscg.mil. We invite your comments on this proposed rulemaking. You may submit comments identified by docket number **USCG-2023-0188** using Federal Decision-Making Portal at <https://www.regulations.gov>. Comments and relate material must reach the Coast Guard on or before **July 21, 2023**.

LAKE ERIE – OH – Toledo Harbor – Chart 14847

From September 18 through **September 22, 2023**, between the hours of 0800 and 1700 daily, inspectors will be using snoopers vehicles at the Craig Memorial Bridge at Mile 3.30 over the Maumee River. The bridge will require a 30-minute advance notice except on Tuesday and Wednesday when a 3-hour advance notice will be required. Mariners should provide the advance notice directly to the drawtender on VHF-FM Marine Channel 16 or by calling 419-373-4306.

[24/23]

LAKE ERIE – NY – Buffalo Harbor – Chart 14833

The Coast Guard has received a report that scaffolding that hangs approximately 10-feet below low steel will be installed on the Canadian side of the Canadian National International Bridge at Mile 1.5 over the Niagara River from July 31, 2023, through **November 30, 2023**. The U.S. side will remain clear of any equipment.

[26/23]

LAKE ERIE – OH – Monroe Harbor – Chart 14830

On **August 17, 2023**, between the hours of 0700 and 1900, daily, divers will be inspecting the underwater portions of the Detroit-Toledo Freeway (I-75) at Mile 2.1 over the River Raisin. Spotters will warn divers of approaching vessels and move the divers to allow vessels to pass. A dive safety Vessel will monitor VHF-FM Marine Channel 16 and assist vessels in passing the dive area.

[27/23]

LAKE ERIE – OH – Cleveland Harbor Chart 14839

On **July 22, 2023**, between the hours of 1000 and 1100, the Carter Road Bridge at Mile 2.43 over the Cuyahoga River will be secured to masthead navigation in conjunction with the Parrot Head Run. Vessels able to pass under the bridge without an opening may do so at any time.

[28/27]

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

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

DETROIT RIVER – MI – Main Channel – Chart 14848

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

[47/20] [07/22]

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

DETROIT RIVER – MI – Belle Island – Chart 14848

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

[37/22] [20/23]

St. Clair River – MI – Pine River – Chart 148

From October 23 through **October 27, 2023**, between the hours of 0800 and 1700 daily, inspectors will be using snooper vehicles at the Craig Memorial Bridge at Mile 3.30 over the Maumee River. The bridge will require a 30-minute advance notice except on Tuesday and Wednesday when a 3-hour advance notice will be required. Mariners should provide the advance notice directly to the drawtender on VHF-FM Marine Channel 16 or by calling 810-329-9420.

[24/23]

DETROIT RIVER – MI – Belle Island – Chart 14848

From August 16 through **August 17, 2023**, between the hours of 0700 and 1900, daily. Divers will be inspecting the underwater portions of the MacArthur Bridge at Mile 24.0, over the Detroit River. Spotters will warn divers of approaching vessels and move the divers to allow vessels to pass. A dive safety Vessel will monitor VHF-FM Marine Channel 16 and assist vessels in passing the dive area.

[27/23]

LAKE HURON

LAKE HURON - MI – Cheboygan River – Chart 14886

From March 31, 2023, through **July 31, 2023**, Between the hours of 2300 and 0700, daily no drawtender is

required to be at the US 23 Highway Bridge, mile 0.9, over the Cheboygan River, part of the Inland Route and the bridge need not open unless a request to open the draw is given at least 2-hours in advance of a vessels intended time of passage through the draw. Mariners should call 231-627-5436 to provide advance notice.
[10/23]

LAKE HURON - MI – Saginaw River – Chart 14867

From April 24 through **September 4, 2023**, the Independence Street Bridge at Mile 3.88 over the Saginaw River will require a 2-hour advance notice for openings. Two barges 80-foot by 40-foot or smaller will be working under the bridge. The barges will move with a 2-hour advance notice. Mariners should provide advance notice for the bridge or barges by calling 608-425-0171.
[15/23]

LAKE HURON - MI – Saginaw River – Chart 14867

From December 1, 2023, through **March 31, 2024**, the Independence Street Bridge at Mile 3.88, over the Saginaw River will be secured to masted navigation. Vessels able to pass under the bridge without an opening may do so at any time. Two barges 80-foot by 40-foot or smaller will be working under the bridge. The barges will move with a 2-hour advance notice. Mariners should provide advance notice for the bridge or barges by calling 608-425-0171.
[17/23]

LAKE HURON - MI – Port Huron – Chart 14865

On **July 12, 2023**, between the hours of 1800 and 2100, the Military Street Bridge at Mile 0.33, the 7th Street Bridge at Mile 0.50, and 10th Street Bridge at Mile 0.94, over the Black River will be secured to masted navigation in conjunction with the Rotary International Day Parade.
[26/23]

LAKE HURON - MI – Port Huron – Chart 14865

On **July 15, 2023**, the Military Street Bridge at Mile 0.33, the 7th Street Bridge at Mile 0.50, and 10th Street Bridge at Mile 0.94, all over the Black River will operate intermittently in support of the Mackinac Sailboat Race.
[26/23]

LAKE HURON - MI – Saginaw River – Chart 14867

on **August 15, 2023**, between the hours of 0700 and 1900, Divers will be inspecting the underwater portions of the Lafayette Street Bridge at Mile 6.78 over the Saginaw River. Mariners are required to provide the drawtender with a 15-minute advance notice of arrival on VHF-FM marine Channel 16 to allow the divers adequate time to move out of the way. A dive safety vessel will be on scene to assist vessels passing through the bridge.
[27/23]

STRAITS OF MACKINAC, SAINT MARY'S RIVER AND FALLS

LAKE MICHIGAN – EAST

*****REVISED*****

LAKE MICHIGAN – MI – Charlevoix Harbor – Chart 14942

From 0700 on January 1, 2024, through 0700 on **March 31, 2024**, the US 31 Bridge Street Bridge, over the Pine River will be secured to masted navigation. Vessels able to pass under the bridge without an opening may do so at any time.
[32/22] [33/22]

LAKE MICHIGAN – MI – Grand Haven – Chart 14933

Between the hours of 2200 to 0200 on **August 5, 2023**, the US 31 Bridge at Mile 2.89 over the Grand River will be secured to masthead navigation in conjunction with the city's Coast Guard Day celebration. Vessels able to pass under the bridge without an opening may do so at any time.
[17/23]

*****REVISED*****

LAKE MICHIGAN – MI – Manistee Harbor – Chart 14938

From December 1, 2023, through **April 1, 2024**, the US 31 Bridge at Mile 1.4 over the Manistee River will be secured to masthead navigation. Vessels able to pass under the bridge without an opening may do so at any time. From June 26 through December 1, 2023, between the hours of 0700 and 1930 Monday through Saturday, two 30-foot by 40-foot barges will be working under the bridge. The barges will move to accommodate large vessels with a 30-minute advance notice provided directly to the barge by calling 269-720-5424 or 269-941-3431. From December 1 through April 1, 2024, scaffolding that hangs approximately 4-feet below low steel will be installed under the bridge.
[25/23] [26/23]

LAKE MICHIGAN – MI – Grand Haven – Chart 14933

On **August 14, 2023**, between the hours of 0700 and 1900 divers will be inspecting the underwater portions of the U.S. Route 31 Bridge at Mile 2.25 over the Grand River. Spotters will warn of approaching vessels and move the divers to allow vessels to pass. A dive safety vessel will monitor VHF-FM Marine Channel 16.
[27/23]

LAKE MICHIGAN – MICHIGAN CITY & INDIANA HARBOR & GARY HARBOR

LAKE MICHIGAN – IN – Michigan City – Chart 14926

On **August 5, 2023**, between the hours of 1515 and 1845 the Franklin Street Bridge at Mile 0.5 over Trail Creek will be secured to masthead navigation in conjunction with the Great Lakes Grand Prix. Vessels able to pass under the bridge without an opening may do so at any time.
[23/23]

LAKE MICHIGAN – CALUMET RIVER & LITTLE CALUMET RIVER

*****REVISED*****

LAKE MICHIGAN – IL – Calumet Harbor – Chart 14927

From February 21 through **August 31, 2023**, between the hours of 0700 and 1600 Monday through Friday the 100th Street Bridge at Mile 1.78, over the Calumet River will require a 1-hour advance notice for two leaf openings. Mariners should provide advance notice directly to the drawtender on VHF-FM Marine Channel 16.
[11/23] [28/23]

LAKE MICHIGAN – IL – Calumet Harbor – Chart 14927

From July 31 through **August 7, 2023**, between the hours of 0600 and 1800, daily a 30-foot Harcon Bridge inspection vessel will be working under bridges from the 100th Street Bridge at mile 1.78 (CORPS MILE 331.4) to the Indiana Avenue Bridge at mile 10.80 (CORPS MILE 322.3) over the Calumet and Little Calumet Rivers. The Harcon will monitor VHF-FM Marine Channel 16 and will move to accommodate vessels if a 15-minute advance notice is provided.
[28/23]

LAKE MICHIGAN – IL – Calumet Harbor – Chart 14927

From September 1 through **September 30, 2023**, between the hours of 0700 and 1800, daily, inspectors will utilize snooper trucks under the Chicago Skyway Bridge at Mile 1.50 (CORPS MILE 331.7) over the Calumet River. Spotters will warn of approaching vessels and move the man lift so vessels can pass.
[28/23]

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

LAKE MICHIGAN – IL – Chicago Harbor – Chart 14927

From June 1, through **November 1, 2023**, the Dearborn Street Bridge at Mile 1.13 (CORPS MILE 326.1) over the Main Branch of the Chicago River will have one leaf secured to masthead navigation and an 80-foot by 20-foot barge under the bridge. The barge will move if a 1-hour advance notice is provided on VHF-FM Marine Radio Channel 16.

[21/23]

LAKE MICHIGAN – IL – Chicago Harbor – Chart 14927

From July 20 through **July 28, 2023**, between the hours of 0600 and 1800, daily a 30-foot Harcon Bridge inspection vessel will be working under bridges from mile 11.01 over the North Shore Channel to Mile 4.85 over the North Branch of the Chicago River and the bridges over the South Fork of the South Branch of the Chicago River. The Harcon will monitor VHF-FM Marine Channel 16 and will move to accommodate vessels if a 15-minute advance notice is provided.

[25/23]

LAKE MICHIGAN – IL – Chicago Harbor – Chart 14927

From August 15 through **September 22, 2023**, between the hours of 0600 and 1800, daily a 30-foot Harcon Bridge inspection vessel will be working under all bridges over the Main Branch and South Branch to include the bridges of the North Branch up to the Belmont Avenue Bridge at Mile 6.76 (CORPS MILE 330.6) over the Chicago River Branches. The Harcon will monitor VHF-FM Marine Channel 16 and will move to accommodate vessels if a 15-minute advance notice is provided.

CALUMET SAG CHANNEL

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

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

[03/23]

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

From July 10, through **August 8, 2023**, between the hours of 0600 and 1800, Monday through Saturday a 30-foot by 120-foot barge will be working under the Sag Highway Bridge at Mile 28.76 (CORPS MILE 304.2) over the Calumet-SAG Channel. The barge will monitor VHF-FM Marine Channel 16 and will move if a 1-hour advance notice is provided directly to the barge.

[03/23]

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

On July 10 and **July 11, 2023**, between the hours of 0830 and 1600 each day inspectors will utilize snooper trucks under the Southwest Highway (IL 7) Bridge at Mile 22.25 (CORPS MILE 310.7) over the Calumet-SAG Channel. Spotters will warn inspectors of approaching vessels and will move the man lift to allow vessels to pass under the bridge.

[28/23]

CHICAGO SANITARY AND SHIP CANAL, KANKAKEE RIVER & ROCK RIVER

(Lake Michigan to Mile 36.2/291.1)

LAKE MICHIGAN – IL – Calumet Harbor – Chart 14927

From August 8 through **August 11, 2023**, between the hours of 0600 and 1800, daily, a 30-foot Harcon Bridge inspection vessel will be working under bridges from the South Western Avenue Bridge at Mile 6.7 (CORPS MILE 320.6) to the South Cicero Avenue Bridge at Mile 10.0 (CORPS MILE 317.3) over the Chicago Sanitary

and Ship Canal. The Harcon will monitor VHF-FM Marine Channel 16 and will move to accommodate vessels if a 15-minute advance notice is provided.

[28/23]

LAKE MICHIGAN – IL – Chicago Sanitary and Ship Canal – Chart 14927

The U. S. Coast Guard is requesting mariner and public input regarding the proposed construction of the Stephen Street Bike Trail Bridge across Mile 26.7 (CORPS MILE 300.5) of the Chicago Sanitary and Ship Canal (CSSC) in the City of Chicago, Cook County, Illinois. The proposed replacement structure is a fixed bridge which will have a vertical clearance of with 27.85-feet available at the center with 26.33-feet at the limits of the navigation channel and a horizontal clearance of 163.00-feet. The complete public notice including a map of the location, and plans for the proposed bridge can be viewed and printed from the

U.S. Coast Guard Navigation Center's web site <https://www.navcen.uscg.gov/public-notice-for-bridges-active> under Bridge Notices - Bridge Notices-Active – District 9, or by calling, emailing or mailing a request to the Coast Guard project manager, Mr. Michael Walker, Commander (dpb), Ninth Coast Guard District, 1240 E. 9th St., Room 2047, Cleveland, OH 44199, (216) 902-6087, or michael.o.walker2@uscg.mil. Comments received will be made part of the case record until **August 11, 2023**.

[28/23]

LAKE MICHIGAN – WEST

LAKE MICHIGAN – WI – Racine Harbor – Chart 14925

From December 1, 2023, through **April 1, 2024**, the State Street Bridge at Mile 0.53 over the Root River will be secured to masted navigation and scaffolding that hangs approximately 4-feet below low steel will be installed under the bridge. Vessels that can safely pass under the bridge without an opening may do so at any time.

[43/22]

LAKE MICHIGAN – WI – Milwaukee Harbor – Chart 14924

from May 1 through **November 30, 2023**, coffer dams will be installed around the piers of the Holton Street Bridge, mile 2.84, over the Milwaukee River that extend into the channel 5-feet on each side for a total reduction in horizontal clearance of 10-feet in total. Two barges 70-feet by 50-feet or smaller will be working under the bridge, A 20-foot channel will be maintained through the project but larger vessel may call 262-366-5121 and request the barges to move with a 2-hour advance notice.

[17/23]

LAKE MICHIGAN – MI – Milwaukee Harbor – Chart 14924

On **July 25, 2023**, between the hours of 0800 and 1030, the State Street Bridge at Mile 1.79 over the Milwaukee River will be secured to masted navigation. Vessels able to pass under the bridge without an opening may do so at any time.

[23/23]

LAKE MICHIGAN – MI – Milwaukee Harbor – Chart 14924

On **July 16, 2023**, between the hours of 1315 and 1530 the Wisconsin Avenue Bridge at Mile 1.46 over the Milwaukee River will be secured to masted navigation in conjunction with the Harley – Davidson Parade. Vessels able to pass under the bridge without an opening may do so at any time.

[28/23]

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

*****REVISED*****

LAKE MICHIGAN – WI – Fox River – Chart 14972

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

[11/22] [11/23]

LAKE MICHIGAN – WI – Fox River – Chart 14972

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

[41/22]

LAKE MICHIGAN – WI – Fox River – Chart 14916

On **September 30, 2023**, between the hours of 0800 and 1000, the Racine Street Bridge at Mile 37.91 over the Fox River will be closed to masthead navigation in conjunction with the 43rd Annual Grunski Runski Marathon. Vessels able to pass under the bridge without an opening may do so at any time.

[20/23]

LAKE SUPERIOR

LAKE SUPERIOR – MI – Keweenaw Waterway – Chart 14972

From April 15 through **August 19, 2023**, between the hours of 7 a.m. and 7 p.m. Monday through Friday, less Federal Holidays, the US 41 Bridge mile 16 over the Keweenaw Waterway, shall open on signal from five minutes before to five minutes after the hour and half hour for vessels. Documented vessels over 300-feet shall not be held at the bridge but will be passed as soon as possible. Between midnight and 4 a.m. daily, the draw shall be placed in the intermediate position and open on signal if at least 2 hours' notice is given.

[15/23]

LAKE SUPERIOR – MN – Duluth Superior Harbor – Chart 14975

from July 31 through **August 4, 2023**, between the hours of 0700 to 1700, Monday through Friday, inspectors will utilize snooper trucks under the Bong Bridge at mile 5.20 over the St. Louis Bay and River. Spotters will warn of approaching vessels and will move the man lift to allow vessels to pass.

[16/23]

LAKE SUPERIOR – MN – Duluth Superior Harbor – Chart 14975

From July 5 through **November 15, 2023**, between the hours of 0800 and 2000, Monday through Friday three 32-foot by 120-foot or smaller barges will be drilling bore holes near the John A. Blatnik Bridge at Mile 2.74 over the St. Louis Bay and River just outside of the navigation channel. The barges will monitor VHF-FM Marine Channel 16.

[26/23]

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

*******MEETINGS*******

There is a Microsoft Teams meeting with the US Coast Guard, Mariners, and Bridge Owners being held at the end of every month, and **YOU** are welcome to join in.

The last meeting was June 28th and **the next meeting will be on July 26th at 1pm** Eastern Time.

Join on your computer or mobile app

[Click here to join the meeting](#)

Or call in (audio only)

[+1 410-874-6742,,515305017#](tel:+14108746742515305017#)

Phone Conference ID: 515 305 017#

(Revised 04/23) NINTH DISTRICT DRAWBRIDGE SIGNALS OR OPERATIONAL DELAYS FORM

TO: Commander (dpb)

Ninth Coast Guard District
1240 E. 9th Street – Room 2047b
Cleveland, Ohio 44199-2060
Phone: (216) 902-6087
Fax: (216) 902-6088

E-Mail: William.B.Stanifer@uscg.mil, Lee.D.Soule@uscg.mil, and Michael.O.Walker2@uscg.mil

DATE: _____

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

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

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

(***NOTE: You must provide the following from Coast Pilot 6.***)

4. BRIDGE NAME _____ 5. WATERWAY _____

6. MILE MARKER _____

7. WHAT TIME DID YOU ARRIVE AT THE BRIDGE? _____ 8. DID YOU SIGNAL FOR AN OPENING AT THAT TIME? ☐ Y ☐ N

9. HOW DID YOU SIGNAL? ☐ Sound signal (Whistle, horn, megaphone, hailer, etc.) _____

(Check all that apply) ☐ Visual signal (Flag or Light) _____

☐ Radio telephone (Specify Frequency) _____

10. WHEN DID THE BRIDGE REPLY? _____ 11. WHAT DID THE DRAWTENDER SAY? _____

12. DID YOU COMMUNICATE WITH THE BRIDGE AFTER YOUR ARRIVAL? PLEASE PROVIDE DETAILS INCLUDING TIMES, WHAT YOU SAID, AND WHAT THE BRIDGE SAID? _____

13. WHAT TIME DID THE BRIDGE OPEN? _____ 14. WHAT TIME DID YOU START THROUGH? _____

15. WHAT TIME DID YOU CLEAR? _____ 16. WHAT ACTIONS DID YOU TAKE WHILE YOU WAITED FOR THE BRIDGE TO OPEN (e.g. tie up, hold position, use thrusters, return to dock)? _____

17. DESCRIBE ANY WEATHER OR WATER CONDITIONS THAT AFFECTED MANUEVERABILITY WHILE YOU WAITED? _____

18. DESCRIBE WHETHER ANY PEDESTRIANS, VEHICLES, OR TRAINS WERE STOPPED ON THE BRIDGE OR CROSSING THE BRIDGE? PROVIDE AS MUCH DETAIL AS POSSIBLE. _____

19. PROVIDE ANY ADDITIONAL INFORMATION YOU THINK WOULD BE HELPFUL? _____

20. YOUR NAME, E-MAIL, PHONE NUMBER, AND ADDRESS: _____

SIGNATURE OF REPORTING SOURCE

Summer 2023 Saildrone Ops on lakes Erie, Michigan, and Huron

Lake Erie mission

AIS identifier: "SD-1080"

MMSI: 338431586

Description: Bright orange Sailboat, with rigid sail, clearly marked with 'Saildrone'; remotely helmed from command centers in three locations around the world.

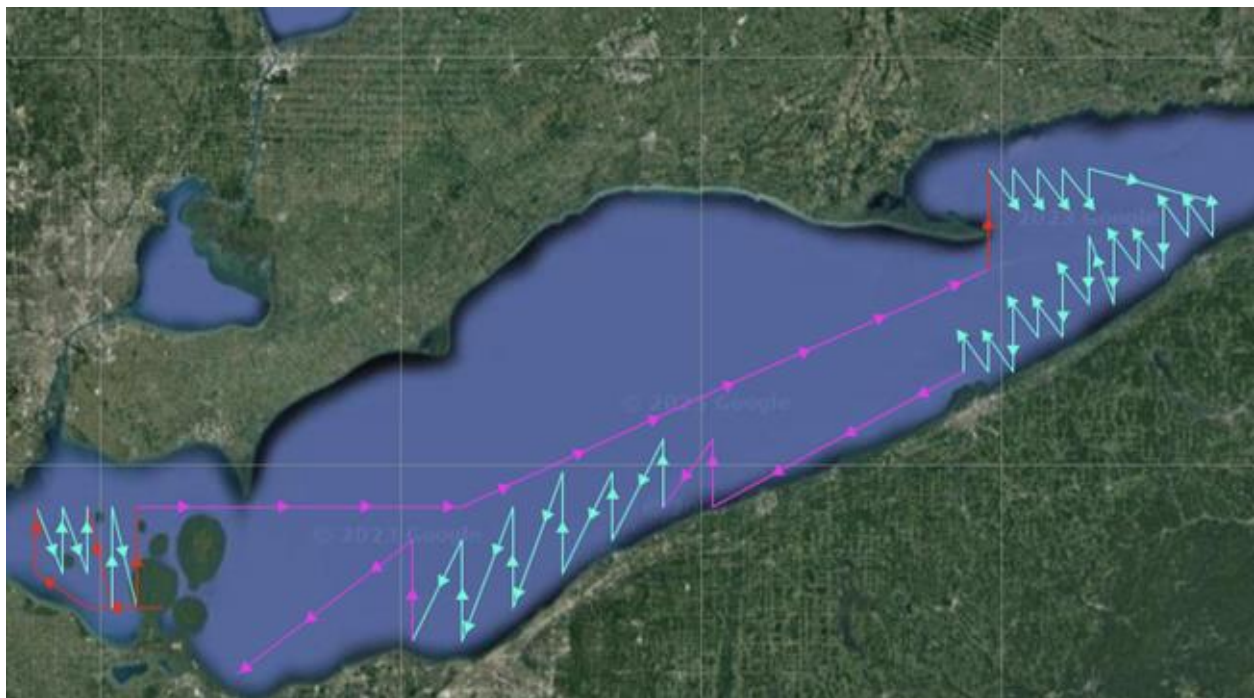
Deployment date (approx): 13 July 23

Deployment location: Erie, PA

USGS mission dates: 1 Aug 23 - 26 Sept 23

Average speed: ~2 kn

Mission description: Mission start in Western basin tracking HABS and fish densities, transit to eastern basin to study large cold water predators; finish mission in south central basin focused on fish densities relative to anoxia. Throughout mission, Saildrone and conventional research vessels (from USGS, OHDNR, and OMNRF) will meet to gather comparative data on fish densities in the same water on the same night. See map below.



Lake Michigan/Huron mission

AIS identifier: "SD-1084"

MMSI: 338431592

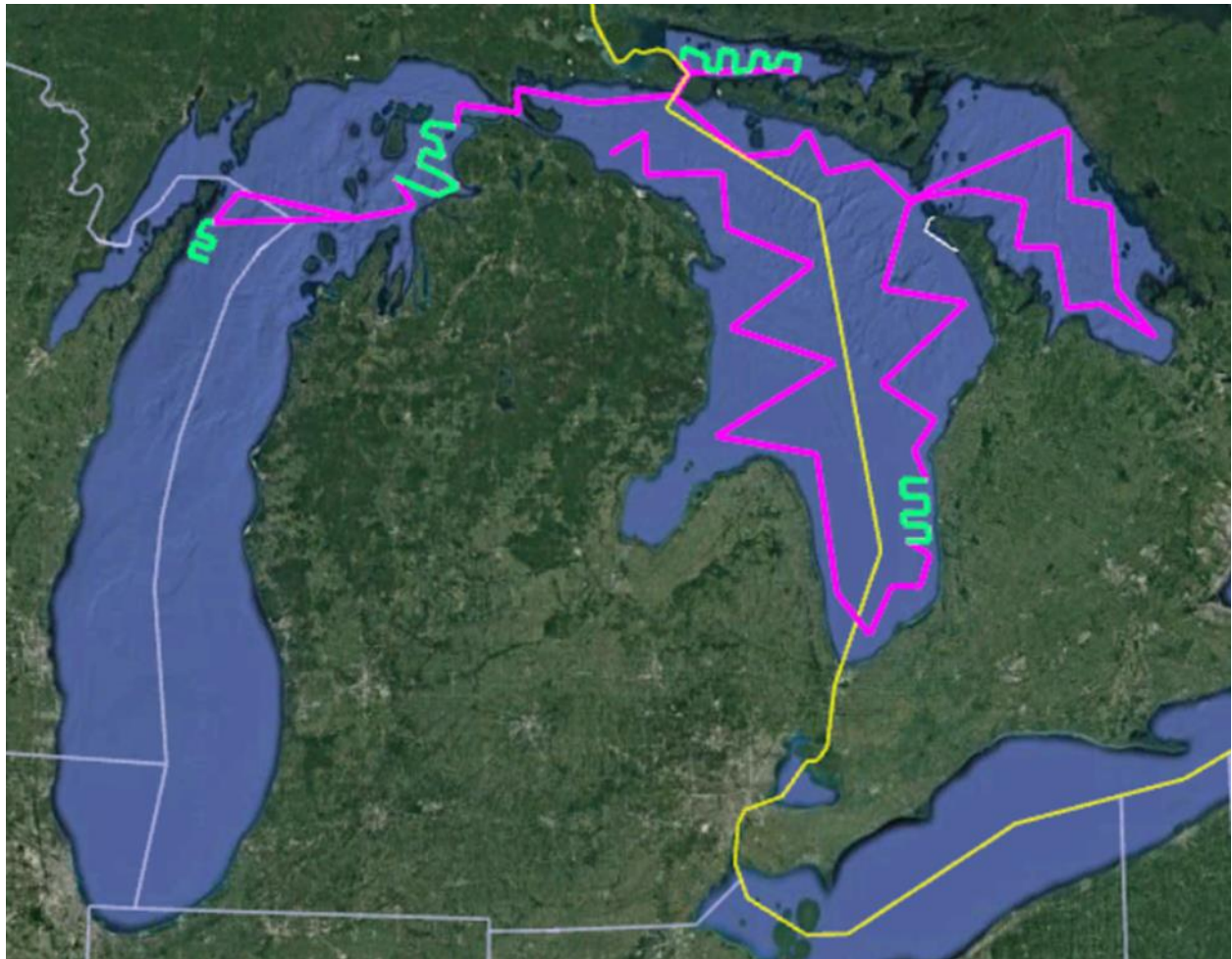
Deployment date (approx): 19 July 23

Deployment location: Charlevoix, MI

USGS mission dates: 1 Aug 23 - 26 Sept 23

Average speed: ~2 kn

Tentative mission description: [Subject to change due to ongoing staffing issues.] Deploy from Charlevoix and conduct coordinated sampling with partner vessels near the Door Peninsula and east of Beaver Island. Tow through the Straights around 10 August and complete lake-wide survey of Lake Huron including Canadian waters (North Channel, Georgian Bay, and main basin). SD-1080 will be towed in and out of the North Channel. Conduct coordinated sampling with vessels from USFWS, USGS, and MDNR opportunistically)



Coast Guard "Cardinal Points"

IN AN EMERGENCY. If an emergency occurs during the event, such as a person overboard, medical problem, taking on water, or disabling damage from storm, unaccounted for paddlers, and assistance from the Coast Guard is required, we recommend you contact us via VHF-FM channel 16. You do not need to know what the closest Coast Guard station is -- we will determine that -- simply call "Mayday, mayday, mayday, Coast Guard, this is [vessel name] on channel 16, over." During your initial contact, we ask that you provide the following information:

- **Location** (GPS coordinates and/or geographic reference),
- **Nature of distress,**
- **Number of persons on board** and
- **Description of your vessel.**

If you have an EPIRB or PLB (preferred over SPOT devices) on board, activate that as well because the SARTSAT satellite system has global coverage beyond VHF-FM or cellular antenna range. Launching of flares or displaying of other visual signaling devices should also be considered. Use of cellular telephones should be considered a tertiary means of distress alerting.

WHAT TO EXPECT. Once the Coast Guard receives your distress call, we can decide what the closest response units are, what capabilities to bring and approximately how long it will take to get to your location. The Coast Guard communications watchstander on the other end of the radio may have additional questions for you to further ascertain your situation. For those accustomed to police or fire units responding within a few minutes in your city, be aware that Coast Guard boats and helicopters may take longer to reach your location because we may have to transit dozens or even hundreds of miles. Do your best to stabilize your situation in the meantime. The Coast Guard can also provide basic first responder medical care from our boats or helicopters, but paramedic-level (and greater) medical support must be provided from land-based resources. Please be aware that we do not have divers with subsurface or SCUBA capability. Our helicopters carry a rescue swimmer who can conduct rescues on or near the surface only. If subsurface rescue may be required, let us know that as soon as possible because SCUBA capability must come from other agencies and can take hours to coordinate and transport.

RESCUE 21. The Coast Guard recently installed the Rescue 21 communications system around the Great Lakes, greatly increasing our reception and transmission capability. For event participants, your procedure for contacting us remains unchanged - see the "Mayday" call guidance in the "In an emergency" paragraph above. For our part, Rescue 21 allows us to

rapidly obtain a line of bearing from our radio towers to the location of the VHF-FM caller. This helps us home in on your position more quickly and easily, and also helps us catch hoax callers. Again, you do not need to know where our towers or stations are - call us on VHF-FM channel 16 and we will work with you on a case-by-case basis. In addition, all participating members are required to monitor their VHF-FM radios.

IN CASE OF STORMS. If severe storms do occur, it is up to event participants to decide whether to continue their courses or to divert toward cover or safe harbors. The Coast Guard cannot make that decision for you, and we are prohibited from providing specific sailing directions (courses to steer, etc.) to you. The Coast Guard communications watch stander can, however, transmit to you published/charted navigational aids, hazards and information that may be helpful in making your decision.

A WORD ABOUT HYPOTHERMIA. Even if air temperatures during the event days are warm and seasonable, be advised that lake temperatures will likely be cold enough in many locations to cause moderate to severe hypothermia within hours. Participants should dress themselves with those water temperatures in mind - and of course, wear their personal flotation device. Hypothermia is an insidious killer that catches unprepared people in the water off guard, so you stack the deck in your favor by wearing a survival suit, dry suit, wet suit or anti-exposure coveralls.

NINTH COAST GUARD DISTRICT "SAR ETHOS." The men and women of the Ninth Coast Guard District take our search and rescue (SAR) responsibilities very, very seriously. In fact, our philosophy, or "SAR Ethos" is to treat every potential victim as we would our own family. So know that if you get in trouble out there, we will do our very best. Good luck!

GREAT LAKES SEARCH AND RESCUE LINE - 1-800-321-4400.

Joint Rescue Coordination Center Cleveland
Ninth Coast Guard District
1240 E. 9th Street
Cleveland, OH 44199

1-216-902-6117/6118/6109
ninthdistrictcommandcenter@uscg.mil

DEPARTMENT OF HOMELAND SECURITY
U.S. COAST GUARD

PERMIT FOR MARINE EVENT

Date Approved

04/13/2023

Name of Event 2023 Bayview Yacht Club Mackinac Race	Location Lake Huron	Date of Event 07/15/2023
Sponsoring Organization Bayview Yacht Club	Name of Representative (Last, First, MI) Thomas, Kevin	Title Person In Charge

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>☐ 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>☒ 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>☒ There will be a Local Notice to Mariners issued to inform maritime interests and solicit their cooperation.</p> <p>☐ There will not be a Regatta Patrol assigned by the Coast Guard.</p> <p>☒ 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>☒ Additional safety equipment is stipulated below.</p> |
|--|---|

This event will begin in Port Huron on 07/15/2023 at 1100 with departures of different sailing classes every thirty minutes to around 1400. The event will conclude on 07/18/23 at or around 1200. The finishing line will be between the southeast corner of Round Island Lighthouse located on the westerly tip of Round Island whose coordinates are 45.50.234N and 084.37.018W and a point on Mackinac Island whose coordinates are 45.50.779N and 084.37.131W. The sponsor anticipates approximately 150 participating vessels from 27 to 80 feet in length. There will likely be 75 spectator craft at the beginning of the race. Kevin Thomas is the race chairman and Person In Charge. He can be contacted at (313)570-5558. Mr. Thomas will be on Mackinac Island during the race. Melissa Wenzler is the race Administrator. She can be contacted at (313)443-9369. Jim Motschall should be contacted about race details; he is the Coast Guard liaison for the race and submitted the application. He can be reached at (586)883-2398. The designated on-scene Coast Guard PATCOM has the authority to postpone, temporarily stop, or cancel the event because of violation(s) of permit stipulations, a loss of control over the participants, or hazardous conditions. Special Local Regulations, pursuant to 33 C.F.R. Part 100.902, will be in effect for the start of this event. The sponsoring organization must comply with all federal, state, local laws and other requirements that may impact their ability to hold the event as proposed. Specifically I bring your attention to the two Inland Rules of the Road below:

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...

DEPARTMENT OF HOMELAND SECURITY
U.S. COAST GUARD

PERMIT FOR MARINE EVENT

Date Approved
04/13/2023

Name of Event 2023 Bayview Yacht Club Mackinac Race	Location Lake Huron	Date of Event 07/15/2023
Sponsoring Organization Bayview Yacht Club	Name of Representative (Last, First, MI) Thomas, Kevin	Title Person In Charge

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- | | |
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| ☐ 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. | ☒ There will be a Local Notice to Mariners issued to inform maritime interests and solicit their cooperation. |
| ☒ 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. | ☐ There will not be a Regatta Patrol assigned by the Coast Guard. |
| | ☒ 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. |
| | ☒ Additional safety equipment is stipulated below. |

Continued...

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.

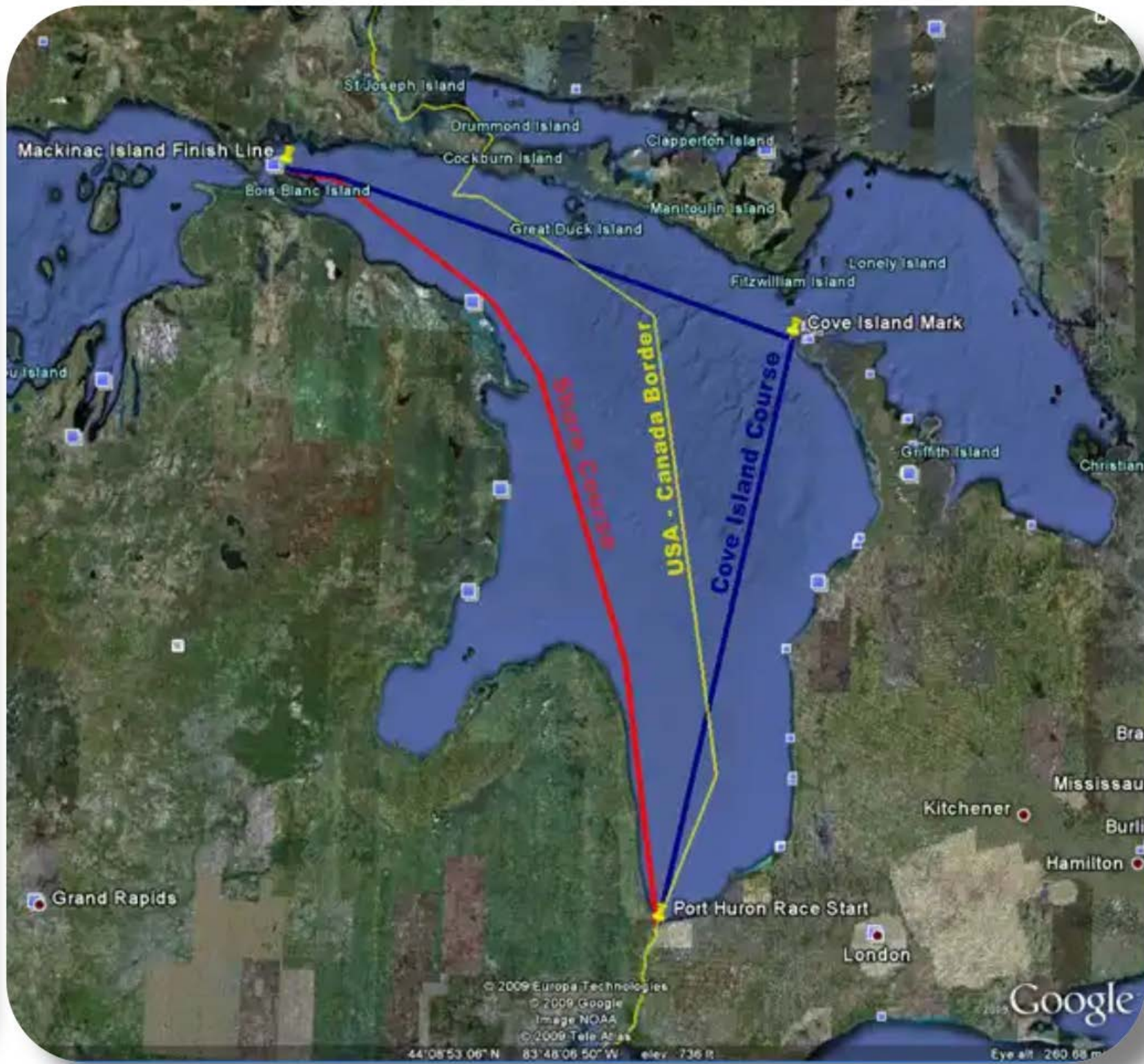
The Ninth Coast Guard District strongly recommends that all participants wear an inherently buoyant or inflatable Personal Flotation Device (PFD) with an affixed and registered Personal Locator Beacon (PLB) whenever underway for the duration of the event.

Lastly, I have enclosed 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.

Race tracking: <https://bycmack.com/tracking/>



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





▼

45° 50.779'N, 084° 37.131'W

✕

🔍

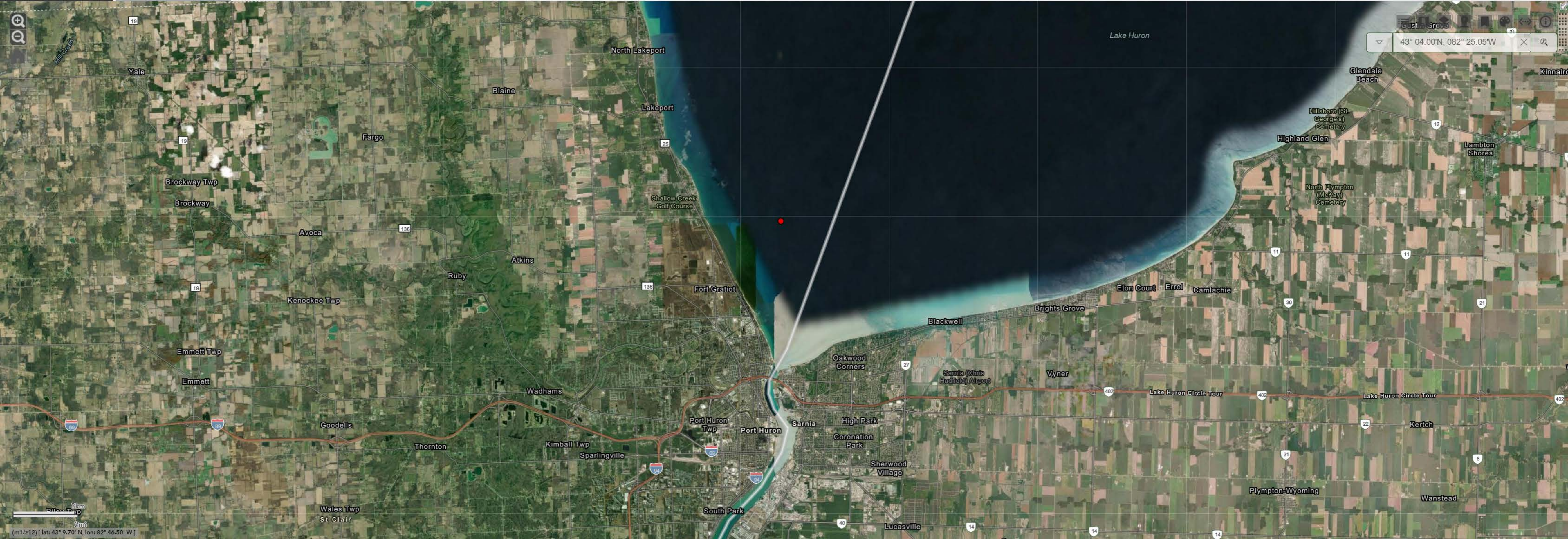
Mackinac
Island

Round Island

0.3km

0.2mi

[m1/z15] [lat: 45° 49.73' N, lon: 84° 34.61' W]



DEPARTMENT OF HOMELAND SECURITY
U.S. COAST GUARD

PERMIT FOR MARINE EVENT

Date Approved
04/12/2023

Name of Event 2023 Chicago Yacht Club 114th Annual Race to Mackinac	Location L. Michigan; L. Huron; Mackinaw Island	Date of Event 07/21/2023
Sponsoring Organization Chicago Yacht Club	Name of Representative (Last, First, MI) Nevel, Chuck	Title On Water 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.

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|--|---|

The 114th 'Race to Mackinac' will begin on Friday, July 21, between 1400 and 1530 CDT with the departure of approx. 50 vessels in the "Cruising Division". The remaining divisions will depart Chicago, Saturday, July 22, between 1130 and 1500 CDT. The race will conclude on Wed., July 26, at or around 1300 near Mackinac Island. The sponsoring organization anticipates approximately 300 participating vessels (26-110' in length), 11 race committee vessels, and up to 100 spectator vessels on scene.

During this event, Chuck Nevel, Person in Charge, (312) 617-2279, will be on Mackinac Island. His email is chuck_nevel@chicagoyachtclub.org. The Regatta Manager, Patrick Burks, (312) 965-1658, will be at the starting line for the beginning of the race.

The designated on-scene Coast Guard PATCOM has the authority to postpone, temporarily stop, or cancel the event because of violation(s) of permit stipulations, a loss of control over the participants, or hazardous conditions. Special Local Regulations, pursuant to 33 C.F.R Part 165.929, will be in effect for the start of this event.

The sponsor organization must comply with all existing federal, state, local laws, and other requirements that may impact their ability to hold their event as proposed. Specifically, I bring to your attention 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.

-Continued-

DEPARTMENT OF HOMELAND SECURITY
U.S. COAST GUARD

PERMIT FOR MARINE EVENT

Date Approved
04/12/2023

Name of Event 2023 Chicago Yacht Club 114th Annual Race to Mackinac	Location L. Michigan; L. Huron; Mackinaw Island	Date of Event 07/21/2023
Sponsoring Organization Chicago Yacht Club	Name of Representative (Last, First, MI) Nevel, Chuck	Title On Water Director

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Continued...

The Ninth Coast Guard District strongly recommends that all participants wear either an inherently buoyant or inflatable Personal Flotation Device (PFD) with an affixed and registered Personal Locator Beacon (PLB) whenever underway for the duration of this event.

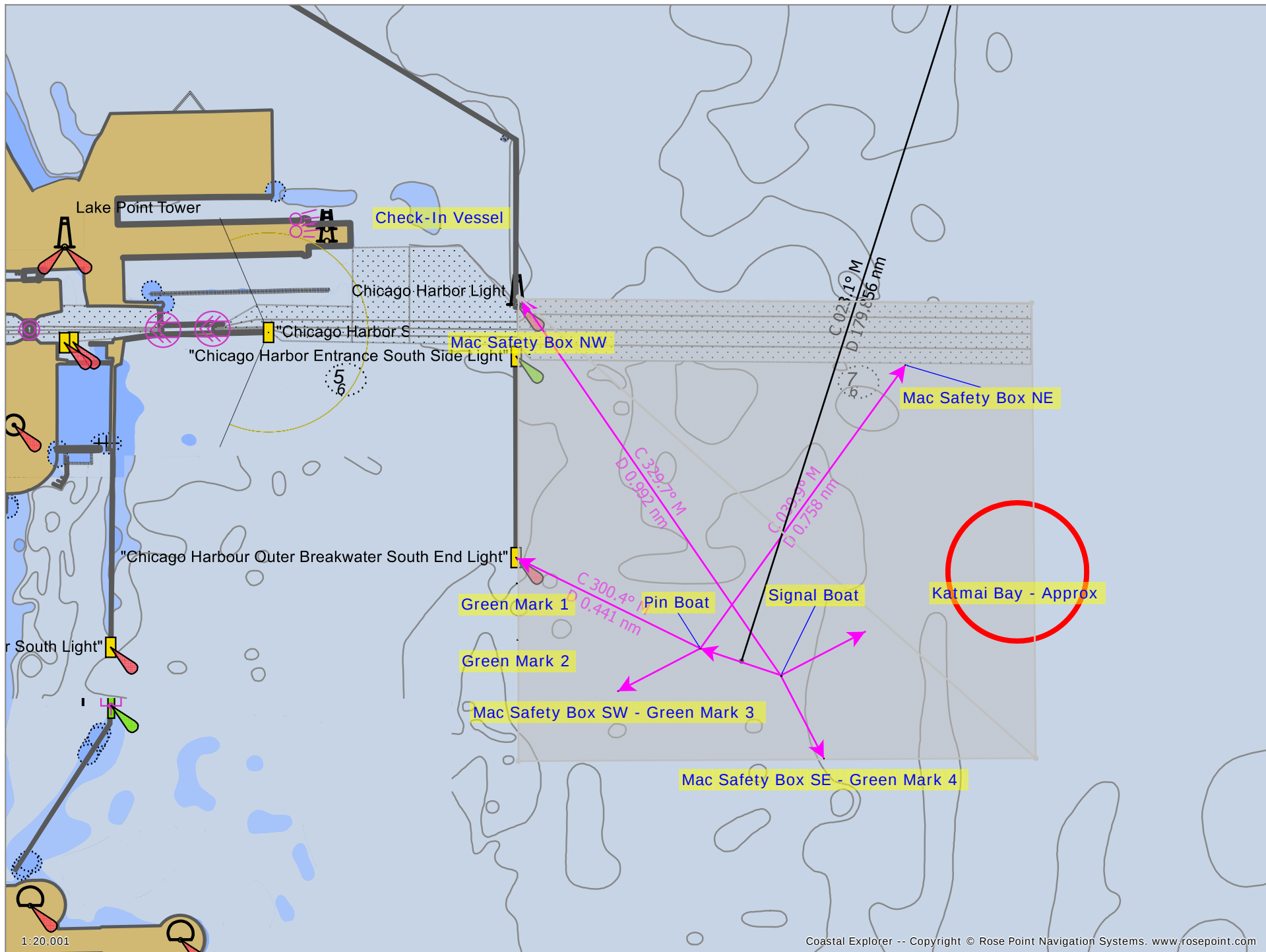
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Lastly, I have enclosed a copy of the Coast Guard District's "Cardinal Points" for Regattas. This document provides information concerning how to notify the Coast Guard should a distress situation develop during your event.

Race Tracker: <https://www.cycracetomackinac.com/the-race/race-tracking>

Jonathan Tripi

Jonathan Tripi
LTJG, U.S. Coast Guard
Waterways Management
Ninth Coast Guard District

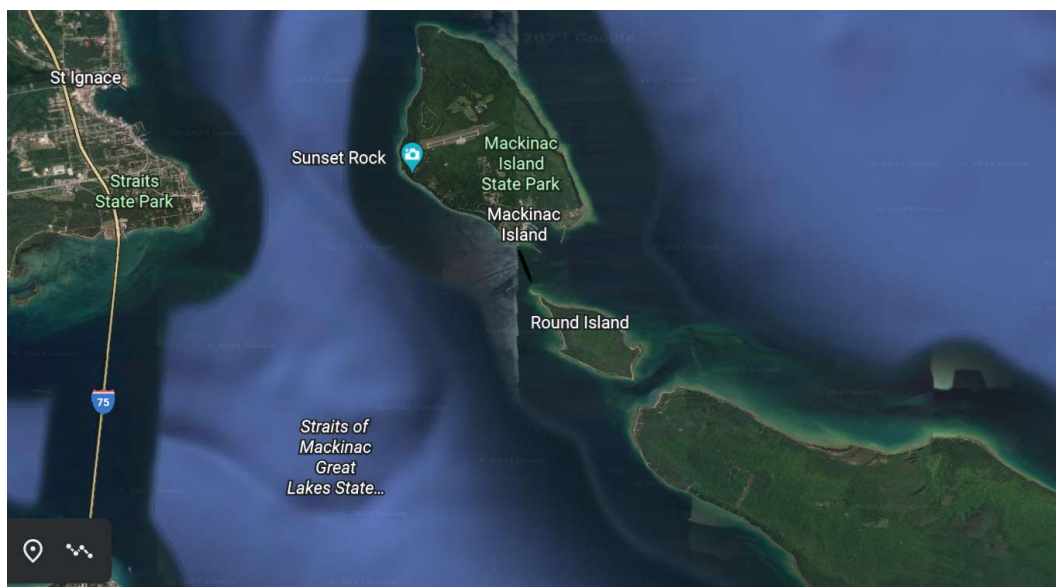


2023 Chicago to Mac Race Finish Line Description

The finish line is between 45°50'46" N 84°37'07" W and the light house at 45° 50' 14" N 84°37' 01 W

In the Sailing Instructions or Rules that we give to the sailors, the instructions are described as follows.

"The finish line shall be between the southwest corner of the Round Island Lighthouse (2022 LL No. 12585) and a blue flag on a staff at the Race Committee finish trailer on Mackinac Island."



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
