



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

LOCAL NOTICE TO MARINERS

District: 9

Week: 31/23

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

Direct questions about this LNM to the above address.

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

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

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

** Navigation Information Service watchstander, 24 hours a day at (703) 313-5900 ** **Internet Address** <https://www.navcen.uscg.gov/>
Light List Reference: Commandant Publication P16502.7, VOL VII, 2023 Edition
Coast Pilot Reference: 2022 U.S. Coast Pilot 6 Great Lakes 52nd Edition

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

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

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

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

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

Sector Buffalo, NY - B163-23 through B176-23
Ninth District - C117-23 through C120-23
Sector Detroit, MI - D084-22 through D092-23
Sector Lake Michigan, WI - M204-23 through M211-23
Sector Sault Ste Marie, MI - S073-23 through S076-23

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://ccls.uscg.mil/mailman/listinfo/nanu>. In addition,

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

ABBREVIATIONS

A through H	I through O	P through Z
ADRIFT - Buoy Adrift	I - Interrupted	PRIV - Private Aid
AICW - Atlantic Intracoastal Waterway	ICW - Intracoastal Waterway	Q - Quick
AI - Alternating	IMCH - Improper Characteristic	R - Red
B - Buoy	INL - Inlet	RACON - Radar Transponder Beacon
BKW - Breakwater	INOP - Not Operating	Ra ref - Radar reflector
bl - Blast	INT - Intensity	RBN - Radio Beacon
BNM - Broadcast Notice to Mariner	ISL - Islet	REBUILT - Aid Rebuilt
bu - Blue	Iso - Isophase	RECOVERED - Aid Recovered
C - Canadian	KHz - Kilohertz	RED - Red Buoy
CHAN - Channel	LAT - Latitude	REFL - Reflective
CGD - Coast Guard District	LB - Lighted Buoy	RRL - Range Rear Light
C/O - Cut Off	LBB - Lighted Bell Buoy	RELIGHTED - Aid Relit
CONT - Contour	LHB - Lighted Horn Buoy	RELOC - Relocated
CRK - Creek	LGB - Lighted Gong Buoy	RESET ON STATION - Aid Reset on Station
CONST - Construction	LONG - Longitude	RFL - Range Front Light
DAYMK/Daymk - Daymark	LNM - Local Notice to Mariners	RIV - River
DBN/Dbn - Daybeacon	LT - Light	RRASS - Remote Radio Activated Sound Signal
DBD/DAYBD - Dayboard	LT CONT - Light Continuous	s - seconds
DEFAC - Defaced	LTR - Letter	SEC - Section
DEST - Destroyed	LWB - Lighted Whistle Buoy	SHL - Shoaling

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

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

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

Additional Abbreviations Specific to this LNM Edition:

LIB - Lighted Ice Buoy

SECTION I - SPECIAL NOTICES

This section contains information of special concern to the Mariner.

Cancellation of NOAA Paper and Raster Nautical Charts

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

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

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

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

LNM: 04/20

SAFETY NOTICE - NAVIGATIONAL RANGE AND SECTOR LIGHTS ON ELECTRONIC CHARTS

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

LNM: 39/22

2023 Light List

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

LNM: 05/23

USACE NOTICE TO NAVIGATION INTERESTS

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

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

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

LNM: 28/12

GREAT LAKES - Great Lakes Water Levels

See Enclosure 1

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

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

LNM: 32/20

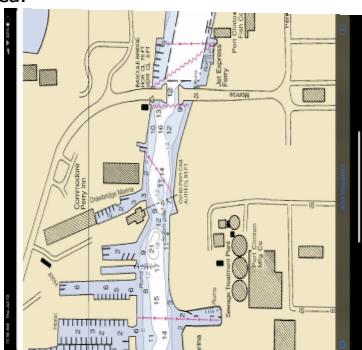
LAKE ERIE – Fairport Harbor – Chart 14829

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

LNM: 21/23

LAKE ERIE – Portage River – Chart 14829

Low power lines have been reported in the Portage River west of the Monroe Street Bridge in the vicinity of the draw bridge marina. The power lines are lower than the charted height of 83 feet above the low water datum of 1985. All mariners are requested to use caution when transiting the area.



LNM: 29/23

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.

LNM: 21/23

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 LNM.

LNM: 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.

LNM: 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.

LNM: 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.

LNM: 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
835	St. Lawrence Seaway Lighted Buoy 122	LT EXT		B176-23	31/23	
910	Chimney Island Leading Light	LT EXT		B167-23	31/23	
1690	Carleton Island South Channel Buoy 3	OFF STA	14767		31/23	
2350	Braddock Point Light	LT EXT	14800		30/23	
2725	Buffalo Coast Guard Slip Light	STRUCT DMGD		B187-22	01/23	
3075	Grand Island Direction Light	NIGHT LT BURNING DAY		B164-23	30/23	
3750	Ashtabula East Breakwater South End Light	LT EXT	14820	B174-23	31/23	
6895	East Outer Channel Light 1E	SS INOP	14820	D002-23	01/23	
9995	Fort Gratiot Range Front Passing Light	LT EXT	14853	D083-23	30/23	
11355	Thunder Bay Traffic Lighted Bell Buoy TB	LT IMCH		D092-23	31/23	
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
15175	Copper Harbor Light	LT EXT	S076-23	31/23
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
15940	Rices Point Lighted Buoy 9	OFF STA	S074-23	31/23
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		M197-23	16/23
19240	Grand River Buoy 71	ADRIFT		M201-23	29/23
19310	Lake Macatawa Lighted Buoy 1	TRUB			24/23
19335	Middle Ground Light 3	LT EXT			31/23
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
21005	Sturgeon Bay Ship Canal North Pierhead Light	LT EXT	14902	M206-23	30/23
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
5475	West Harbor Inner Channel Daybeacon 15	WATCHING PROPERLY	14842		31/23	31/23
8442	Grosse Pointe Dumping Grounds Buoy B	WATCHING PROPERLY	14853		19/23	31/23
8472	Grosse Pointe Dumping Grounds Buoy A	WATCHING PROPERLY	14853		19/23	31/23
11975	Indian River Daybeacon 39	WATCHING PROPERLY			31/23	31/23
11990	Indian River Daybeacon 42	WATCHING PROPERLY			31/23	31/23
20995	Sturgeon Bay Ship Canal Light	RELIGHTED			30/23	31/23

DISCREPANCIES (PRIVATE AIDS)

LLNR	Aid Name	Status	Chart No.	BNM Ref.	LNM St	LNM End
90	Aluminum Foundry Water Intake Buoy	LT EXT	14761	B173-23	31/23	
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		B144-23	28/23	
2525	Lewiston Ski Jump Light	MISSING			25/23	
2740	Buffalo River Light 5	LT EXT			23/23	
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
5950	Davis-Besse Nuclear Power Plant Obstruction Buoy	MISSING	14846	31/23
12585	Old Round Island Point Light	LT EXT	S006-23	01/23
19860	Filtration Plant Breakwater South End Light	LT EXT		16/23
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
20490	Racine East Harbor Entrance Light 2	LT EXT	14904 M212-23	31/23
20500	Racine Harbor Light 5	LT EXT	14904 M174-23	27/23
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	

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	
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
None						

None

PLATFORM TEMPORARY CHANGES

Name	Status	Position	BNM Ref.	LNM St	LNM End
None					

None

PLATFORM TEMPORARY CHANGES CORRECTED

Name	Status	Position	BNM Ref.	LNM St	LNM End
None					

SECTION IV - CHART CORRECTIONS

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

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

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

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

14800 10th Ed. 01-SEP-05 Last LNM: 33/13 NAD 83 31/23
ChartTitle: Lake Ontario (Metric)

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

ADD	Village of Clayton Wave Attenuator Buoy 1 White Fl W 4s	CGD09 at 44-14-34.649N	076-05-19.688W
		CGD09	

ADD	Village of Clayton Wave Attenuator Buoy 2 White Fl W 4s	at 44-14-35.314N	076-05-18.708W
ADD	Village of Clayton Wave Attenuator Buoy 3 White Fl W 4s	CGD09 at 44-14-35.912N	076-05-17.648W
14810	6th Ed. 01-JAN-15 Last LNM: 16/17	NAD 83	31/23
<i>ChartTitle: Olcott Harbor to Toronto; Olcott and Wilson Harbors</i>			
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 --	--
14828	7th Ed. 01-JUN-16 Last LNM: 49/11	NAD 83	31/23
<i>ChartTitle: Erie to Geneva</i>			
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 --	--
14829	7th Ed. 01-MAY-15 Last LNM: 48/19	NAD 83	31/23
<i>ChartTitle: Geneva to Lorain; Beaver Creek; Rocky River; Mentor Harbor; Chagrin River</i>			
Main Panel 1572 GENEVA TO LORAIN. Page/Side: A			
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 .	NOS --	--
14838	4th Ed. 01-APR-05 Last LNM: 43/14	NAD 83	31/23
<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	31/23
<i>ChartTitle: SMALL-CRAFT BOOK CHART - Port Clinton to Sandusky, including the Islands (book of 35 charts)</i>			
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	31/23
<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	31/23
<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: -

NOS

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>.

31/23

14853 19th Ed. 01-OCT-18 Last LNM: 44/21 NAD 83

*ChartTitle: SMALL-CRAFT BOOK CHART - Detroit River, Lake St. Clair and St. Clair River (book of 47 charts)***Main Panel 1263 DETROIT RIVER - -. Page/Side: -**

NOS

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>.

14903 26th Ed. 01-AUG-20 Last LNM: 30/20 NAD 83

31/23

*ChartTitle: Algoma to Sheboygan;Kewaunee;Two Rivers***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

31/23

*ChartTitle: Port Washington to Waukegan;Kenosha;North Point Marina;Port Washington;Waukegan***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

31/23

*ChartTitle: Waukegan to South Haven;Michigan City;Burns International Harbor;New Buffalo***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

31/23

*ChartTitle: South Haven to Stony Lake;South Haven;Port Sheldon;Saugatuck Harbor***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**Approved Project(s)****Project Date****Ref. LNM**

None

Advance 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.

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

SECTION VI - PROPOSED CHANGES

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

PROPOSED WATERWAY PROJECTS OPEN FOR PUBLIC COMMENT

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

Proposed Change Notice(s)

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

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

LNM: 30/13

SECTION VII - GENERAL

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

Waterways Analysis and Management System

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

Sackets Harbor
(LLNR 1755-2024.9)
Buffalo Harbor/Black Rock Canal
(LLNR 2665-3360)
Dunkirk Harbor
(LLNR 3365-3492)
Erie Harbor
(LLNR 3495-3696)
Conneaut Harbor
(LLNR 3700-3735)
Ashtabula Harbor
(LLNR 3740-3830)
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. Andrew J, Megan J and Paige Noel can be contacted on VHF channels 7, 9 and 16. All mariners are requested to transit the area with caution.

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 – 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 – Airport Harbor – Chart 14829

The Army Corp of Engineers will be deploying new research buoys in the vicinity of Airport 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 – 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.

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

LAKE HURON – Port Sanilac – Chart 14860

From 4 Aug 2023 to 9 Aug 2023 The King Company will be conducting hydraulic dredging. Hours of operation are 24 hours a day 7 days a week. Dredge Buxton II can be contacted on VHF channels 16, 18 and 73. Submerged pipe laying on the lake floor marked by orange round buoys every 500 feet. The (2) white buoys by the dredge indicate winch anchor locations. Disposal area starts south of the breakwater 7,700' and runs for an additional 2,500'. 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: 31/23

LAKE HURON – Lexington Harbor – Chart 14860

From 9 Aug 2023 to 16 Aug 2023 The King Company will be conducting hydraulic dredging. Hours of operation are 24 hours a day 7 days a week. Dredge Buxton II can be contacted on VHF channels 16, 18 and 73. Submerged pipe laying on the lake floor marked by orange round buoys every 500 feet. The (2) white buoys by the dredge indicate winch anchor locations. Disposal area starts south of the breakwater 225' and runs for an additional 500'. 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: 31/23

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, 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 - 42.25'49.14"N 87.47.35.73W. These will be on locations from 5.15.23 to 11.1.23. 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.

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

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.

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 – Green Bay – Chart 14902

From 04 Aug 2023 to 01 Nov 2023 Roen Salvage Company will be conducting mooring dolphin installation and grudging at the Holcim Green Bay Terminal. Hours of operation are 24 hours a day 7 days a week. Tug David R Schanock can be contacted on VHF channels 7 and 16. All mariners are requested to transit the area with caution.

LNM: 30/23

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 – Ludington – Chart 14901

From 19 July 2023 to 25 August 2023 Viking Marine Construction will be conducting hydraulic dredging in the Ludington Harbor. Hours of operation are 24 hours a day 7 days a week. Dredge AJ can be contacted on VHF channel 78. All mariners are requested to transit the area with caution.

LNM: 29/23

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 to Mackinac – Chart 14902

From 22 July to 26 July there will be a Sailing Race from Chicago, IL to Mackinac Island, MI. The safety zone will encompass a portion of Lake Michigan in the vicinity of the entrance to Chicago Harbor within a rectangle that is bound by a line drawn from 41°53.251'N, 087°35.393'W; then east to 41°53.251'N, 087°34.352'W; then south to 41°52.459'N, 087°34.364'W; then west to 41°52.459'N, 087°35.393'W; then north back to the point of origin.

LNM: 29/23

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 Center at 414-747-7182.

LAKE MICHIGAN – Menominee River – Chart 14902

From 6 July 2023 to 18 August 2023 the Coleman Engineering Company will be conducting geotechnical and environmental sampling in the Menominee River from west of Marinette Marine to approximately ½ mile beyond the end of the jetty. Hours of operation are from 0700 to 1800. Vessels on scene can be contacted on VHF channel 16. All mariners are requested to transit the area with caution.

LNM: 29/23

LAKE SUPERIOR – Little Lake Harbor – Chart 14961

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

LNM: 47/22

LAKE SUPERIOR – MN – Spirit Lake – Chart 14975

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

LNM: 26/22

SECTION VIII - LIGHT LIST CORRECTIONS

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

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
1528.1	Village of Clayton Wave Attenuator Buoy 1	44-14-34.649N 076-05-19.688W	Fl W 4s				Maintained year round. Private Aid. 31/23
*	*	*	*	*	*	*	*
1528.2	Village of Clayton Wave Attenuator Buoy 2	44-14-35.314N 076-05-18.708W	Fl W 4s				Maintained year round. Private Aid. 31/23
*	*	*	*	*	*	*	*
1528.3	Village of Clayton Wave Attenuator Buoy 3	44-14-35.912N 076-05-17.648W	Fl W 4s				Maintained year round. Private Aid. 31/23
*	*	*	*	*	*	*	*

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)				
	IGLD 1985	Current	Week 1	Week 2	Week 3	Week 4
GREAT LAKES						
Lake Ontario	243.3	39	37	36	34	32
Lake Erie	569.2	43	42	42	41	40
Lake St. Clair	572.3	40	40	40	39	39
Lake Michigan-Huron	577.5	27	27	27	27	27
Lake Superior	601.1	18	18	18	18	18
ST. LAWRENCE RIVER						
Above Long Sault Dam	0	237.9	32	31	29	26
Above Iroquois Dam	1	240.3	31	29	27	25
Ogdensburg	2	242.4	34	32	30	27
Alexandria Bay	2.1	243.0	35	33	32	30
Head of river at Cape Vincent	3	243.3	39	37	36	34
DETROIT RIVER						
Lake Erie at Pelee Passage	4	569.2	43	42	42	41
Mouth of River at Gibraltar	5	569.5	43	42	42	41
Fort Wayne	5.1	571.1	45	44	44	43
Head of River above Belle Isle	6	572.0	41	41	41	40
ST. CLAIR RIVER						
Mouth of River at St. Clair Flats	7	572.3	40	40	40	39
Algonac	8	572.8	43	42	42	42
St. Clair	9	574.4	38	38	38	38
Blue Water Bridge	10	576.2	34	34	34	34
Head of River at Fort Gratiot	11	577.2	30	29	29	29
Lake Huron Approach Channel	12	577.5	27	27	27	27
ST. MARYS RIVER						
Mouth of River at Detour	13	577.5	27	27	27	27
West and Middle Neebish	14	577.8	26	26	26	26
Head of Little Rapids	15	578.4	27	27	27	27
U.S. Slip	16	578.7	27	27	27	27
Above Locks	17	600.4	20	20	20	19
Head of River at Point Iroquois	18	601.1	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 Detroit MI, 48226	International Joint Commission Great Lakes Information Network	SSMC4, STATION 7523 1305 East-West Hwy
1-888-694-8318 ex. 1	NOAA Tides and Currents	Silver Spring, MD 20910-3233
email: hhpm@usace.army.mil	U.S. Coast Guard - District 9	(301) 713-2902

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>					
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	
Erie, PA	Presque Isle Triathalon	5-Aug-23	0630-1100	Lauren Eckendorf 814-602-8677	
Rochester, NY	Don Von Vechten Sunfish Regatta	5-Aug-23	0900-1600	Mary Ellen Brown 703-408-7298	
Rochester, NY	Scotch Bonnet Light Race	08/25/2023-08/26/2023	1700-2100	Kenny Fourspring 585-902-2183	
<u>LAKE ERIE</u>					
Conneaut, OH	D-Day Conneaut	Aug. 17, 18, 19	1:45 pm to 5:45 pm	Betsy Bashore 419-350-6354	
Cleveland, OH	Tri CLE Rock and Roll Run	11, 12 Aug 2023	11AUG 11:45 am - 2:15 pm 12AUG 4:45 am - 1215 pm 18AUG 6:45 pm - 9:15 pm	Natalie McManamc 440-263-9190	
Grand River, OH	Grand River Sailing Club Regatta	18, 19, 20 Aug 2023	19AUG 9:45 am - 3:15 pm	Paul Mathews 440-289-5262	
Cleveland, OH	Whiskey Island Paddlefest	19 Aug 2023	20AUG 9:45 am -1:15 pm 7:15 am - 1:45 pm	Rachel Nagle 440-679-1269	
<u>DETROIT RIVER</u>					
<u>LAKE ST. CLAIR/St. Clair River</u>					
<u>LAKE HURON</u>					
<u>LAKE MICHIGAN & Green Bay</u>					
N/A					
<u>LAKE SUPERIOR</u>					
Duluth	Sailboat racing	19 Jul 2023-6 Sep 2023	1730-2030	Art Johnston	7153606629

CURRENT NINTH DISTRICT BRIDGE MAINTENANCE/ACTIVITIES

Week [31/23]

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.

We have moved all the subscribers from the email format to the new GovDelivery system. If you desire to be unsubscribed, you can visit [U.S. Coast Guard \(govdelivery.com\)](#) and manage your account or you can email us and we will remove your address from the list. If you are receiving two emails a week, please let me know and we will see what is happening.

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

Join on your computer or mobile app

[Click here to join the meeting](#)

Or call in (audio only)

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

Phone Conference ID: 515 305 017#

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

Please contact us with any questions or concerns:

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

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

NOTES:

ACTIVE BROADCAST NOTICE TO MARINERS (BNM)

Get a text version of every **Broadcast Notice to Mariners** on your computer or Mobil device all through our NAVCEN.GOV website. [Subscribe to Our RSS Feeds | Navigation Center \(uscg.gov\)](#)

SAFETY BCST PLUS SKED BCST UNTIL 050600Z AUG 23

U.S.C.G. NINTH DISTRICT NOTICE TO MARINERS C113-23

MI - LAKE MICHIGAN - GRAND HAVEN

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 MASTED 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.

SAFETY BCST PLUS SKED BCST UNTIL 052345Z AUG 23
U.S.C.G. NINTH DISTRICT NOTICE TO MARINERS C114-23
IN - LAKE MICHIGAN - MICHIGAN CITY

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 MASTED 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.

SAFETY BCST PLUS SKED BCST UNTIL 082200Z AUG 23
U.S.C.G. NINTH DISTRICT NOTICE TO MARINERS C117-23
IL - LAKE MICHIGAN - CHICAGO HARBOR

FROM JULY 25 THROUGH SEPTEMBER 30, 2023, BETWEEN THE HOURS OF 0700 AND 1900 MONDAY THROUGH FRIDAY A 125-FOOT X 35-FOOT BARGE WILL BE WORKING UNDER THE ROOSEVELT ROAD BRIDGE AT MILE 2.94 (CORPS MILE 324.3) OVER THE SOUTH BRANCH OF THE CHICAGO RIVER. THE BARGE WILL MOVE IF A 1-HOUR ADVANCE NOTICE IS PROVIDED TO THE CHICAGO BRIDGE DESK OR DIRECTLY TO THE BARGE ON VHF-FM MARINE CHANNEL 16.

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 - FR – River Rouge – to Legal Review and Command Approval
USCG-2023-0184 - FR – Maumee River – to Legal Review and Command Approval
USCG-2023-0185 - FR – Sandusky Bay – to Legal Review and Command Approval
USCG-2023-0186 - FR – Portage River – to Legal Review and Command Approval
USCG-2023-0187 - FR – Black River – to Legal Review and Command Approval
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]

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

On August 4, 2023, between the hours of 0900 and 1500, workers will be using snooper trucks under the E32 State Route 167 Bridge at Mile 79.74 over the Erie Canal to preform scheduled maintenance. Spotters will warn of approaching vessels and move the man lift to allow vessels to pass.

[31/23]

LAKE ONTARIO

LAKE ONTARIO – NY – Rochester Harbor – Chart 14815

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

[08/23]

LAKE 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]

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 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 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 – NY – Buffalo Harbor – Chart 14833

From January 1 through **March 31, 2024**, the Canadian National International Railroad Bridge at mile 3.8 over the Black Rock Canal will be secured to masted navigation for maintenance. Vessels able to pass under the bridge without an opening may do so at any time.

[30/23]

LAKE ERIE – NY – Buffalo Harbor – Chart 14833

From January 1 through **March 31, 2025**, the Canadian National International Railroad Bridge at mile 3.8 over the Black Rock Canal will be secured to masted navigation for maintenance. Vessels able to pass under the bridge without an opening may do so at any time.

[30/23]

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

*****REVISED*****

DETROIT RIVER – MI – Main Channel – Chart 14848

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

[47/20] [07/22]

*****REVISED*****

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 – 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 – 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]

LAKE HURON - MI – Saginaw River – Chart 14867

From July 31, through **September 30, 2023**, between the hours of 0700 to 1900, Monday through Saturday the Liberty Street Bridge at Mile 4.99 over the Saginaw River will require a 2-hour advance notice for openings. Vessels should provide advance notice by calling 608-425-0171. A 60-foot by 40-foot barge will be working under the bridge and will move if a 2-hour advance notice is provided by calling 608-425-0171.

[29/23]

LAKE HURON - MI – Saginaw River – Chart 14867

from September 1 through **October 3, 2023**, between the hours of 0700 and 1800, Monday through Saturday, two 40-foot by 20-foot barges and two 80-foot by 60-foot barges will be repairing rip rap around the I-75 Bridge mile 14.61 over the Saginaw River. The barges will monitor VHF-FM Marine Channel 16 and move if a 1-hour advance notice is provided.

[30/23]

LAKE HURON - MI – Saginaw River – Chart 14867

October 3 through **October 15, 2023**, between the hours of 0700 and 1800, Monday through Saturday, two 40-foot by 20-foot barges and two 80-foot by 60-foot barges will be repairing rip rap around the I-675 Bridge mile 18.38 over the Saginaw River. The barges will monitor VHF-FM Marine Channel 16 and move if a 1-hour advance notice is provided.

[30/23]

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 masted 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 masted 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 will 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 masted 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]

LAKE MICHIGAN – IL – Calumet Harbor – Chart 14927

From July 20 through **September 1, 2023**, between the hours of 0600 and 1800, Monday through Friday a 30-foot by 90-foot barge will be working under the Chicago Skyway Bridge at Mile 1.50 (CORPS MILE 331.7) over the Calumet River. The barge will monitor VHF-FM marine channel 16 and will move to accommodate vessel traffic.

[29/23]

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 masted 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 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.

LAKE MICHIGAN – IL – Chicago Harbor – Chart 14927

From July 25 through **September 30, 2023**, between the hours of 0700 and 1900 Monday through Friday a 125-foot x 35-foot barge will be working under the Roosevelt Road Bridge at Mile 2.94 (CORPS MILE 324.3) over the South Branch of the Chicago River. The barge will move if a 1-hour advance notice is provided to the Chicago Bridge Desk or directly to the barge on VHF-FM Marine Channel 16.

[30/23]

CALUMET SAG CHANNEL

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

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

[03/23]

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

From 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]

CHICAGO SANITARY AND SHIP CANAL, KANKAKEE RIVER & ROCK RIVER

(Lake Michigan to Mile 36.2/291.1)

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

On August 22 and **August 23, 2023**, between the hours of 0900 and 1400 each day, inspectors will utilize snooper trucks under the South Harlem Avenue Bridge at Mile 13.3 over the Chicago Sanitary and Ship Canal. Spotters will warn of approaching vessels and move the man lift to allow vessels to pass.

[31/23]

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-foor 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 **October 1, 2023**, between the hours of 0630 and 0900 the Wisconsin Avenue Bridge at Mile 1.46 over the Milwaukee River will be secured to masted navigation in conjunction with the Milwaukee Marathon. Vessels able to pass under bridge without an opening.

[31/23]

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 masted navigation in conjunction with the Race the Lake Marathon. Vessels able to pass under the bridge without an opening may do so at any time.

[41/22]

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

On August 9 and **August 10, 2023**, between the hours of 0700 and 1800 each day, the Maple Oregon Street Bridge at Mile 4.17 over Sturgeon Bay will require a 2-hour advance notice for openings. Mariners should provide advance notice directly to the drawtender.

[31/23]

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. 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.

[26/23]

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

(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 MANEUVERABILITY 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

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

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.

PLEASE USE THIS FORM TO PROVIDE ANY ADDITIONAL INFORMATION?

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.

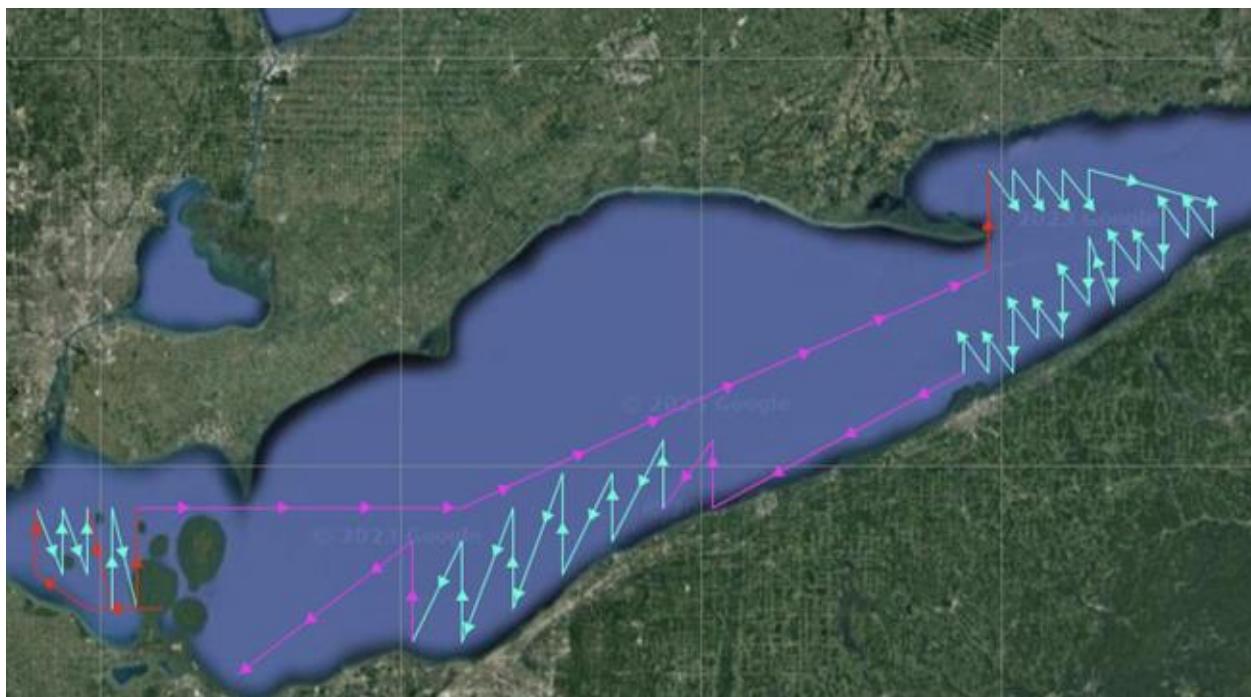
Deployment date (approx): 13 July 23

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

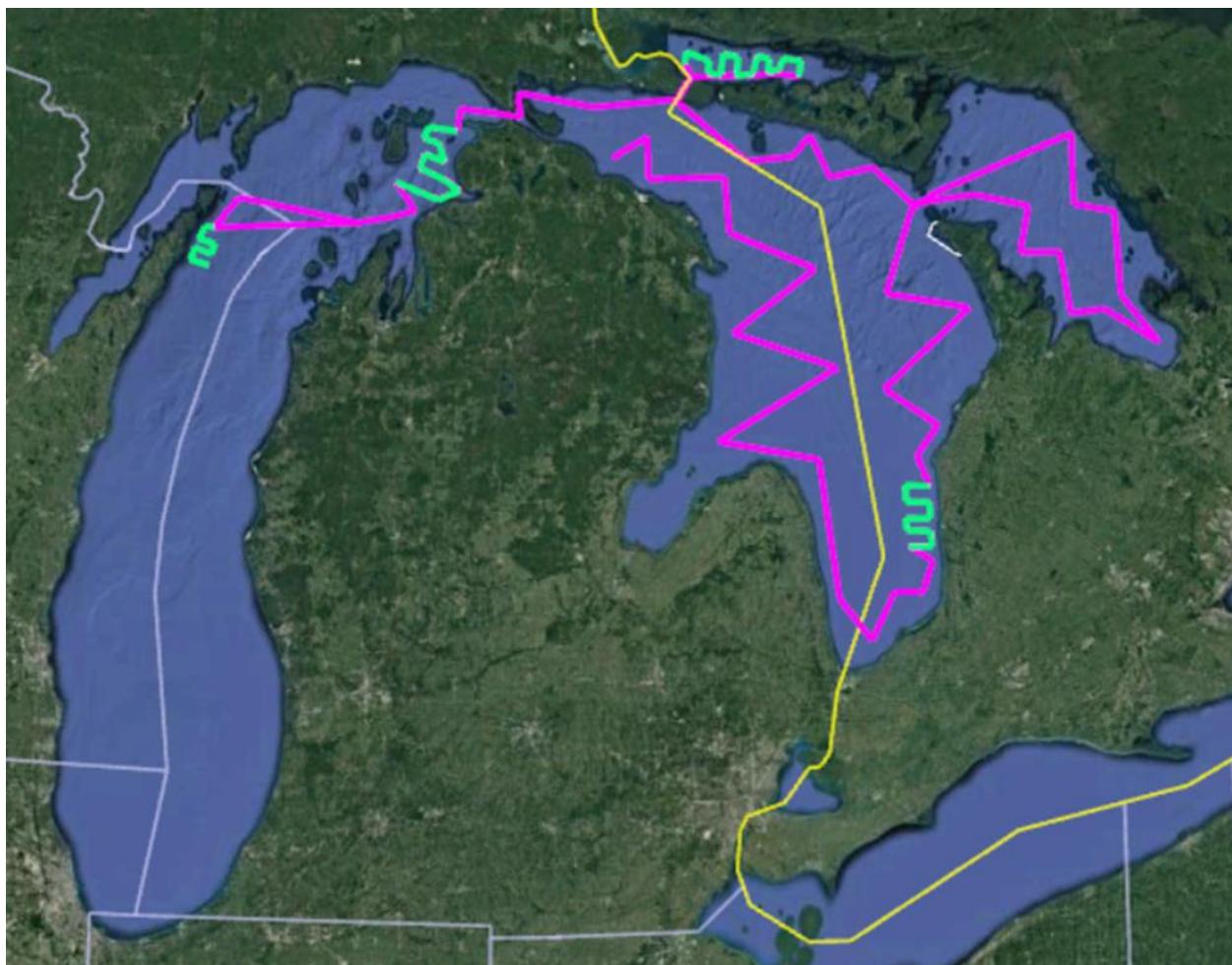
Deployment date (approx): 19 July 23

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)




MICHIGAN DEPARTMENT OF NATURAL RESOURCES

INTEROFFICE COMMUNICATION

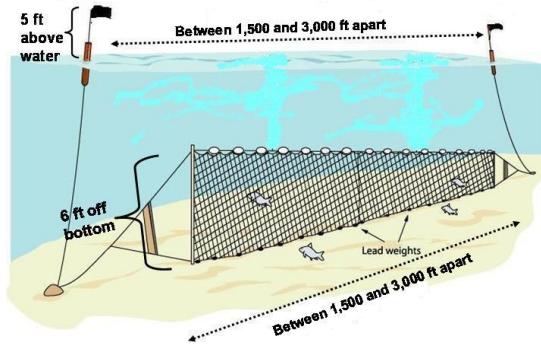
28 July 2023

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

FROM: Shawn P. Sitar, Fisheries Research Biologist, Marquette Fisheries Research Station, Fisheries Division

SUBJECT: R/V Lake Char operations in Lake Superior 01 August-01 September 2023

This is a note to inform you that we will be conducting our annual summer lake trout gill net survey aboard the Research Vessel *Lake Char* in Lake Superior starting 01 August and should finish by 01 September. We will be setting bottom set gill nets that are between 1,200 to 2,400 ft long, extend about 6 feet from the bottom and are set overnight. Our sampling stations are generally 80 to 250 deep and within a few miles from shore. Our nets are marked with black and orange flagged staff buoys that are labeled with our agency identification.



We will be conducting our survey in the following areas of Lake Superior: west of Keweenaw Peninsula from Black River Harbor to Copper Harbor; outer Keweenaw Bay from Bete Grise to the Huron Islands; Big Bay; Marquette; Au Train, Munising, and Grand Marais.

Attached is the cruise schedule, map, and sampling station coordinates for the summer lake trout survey. Please provide copies of this cruise schedule to all pertinent personnel. Please note that we can be reached via MIDNR 800 MHz Radios on our primary radio channel on Zone B,

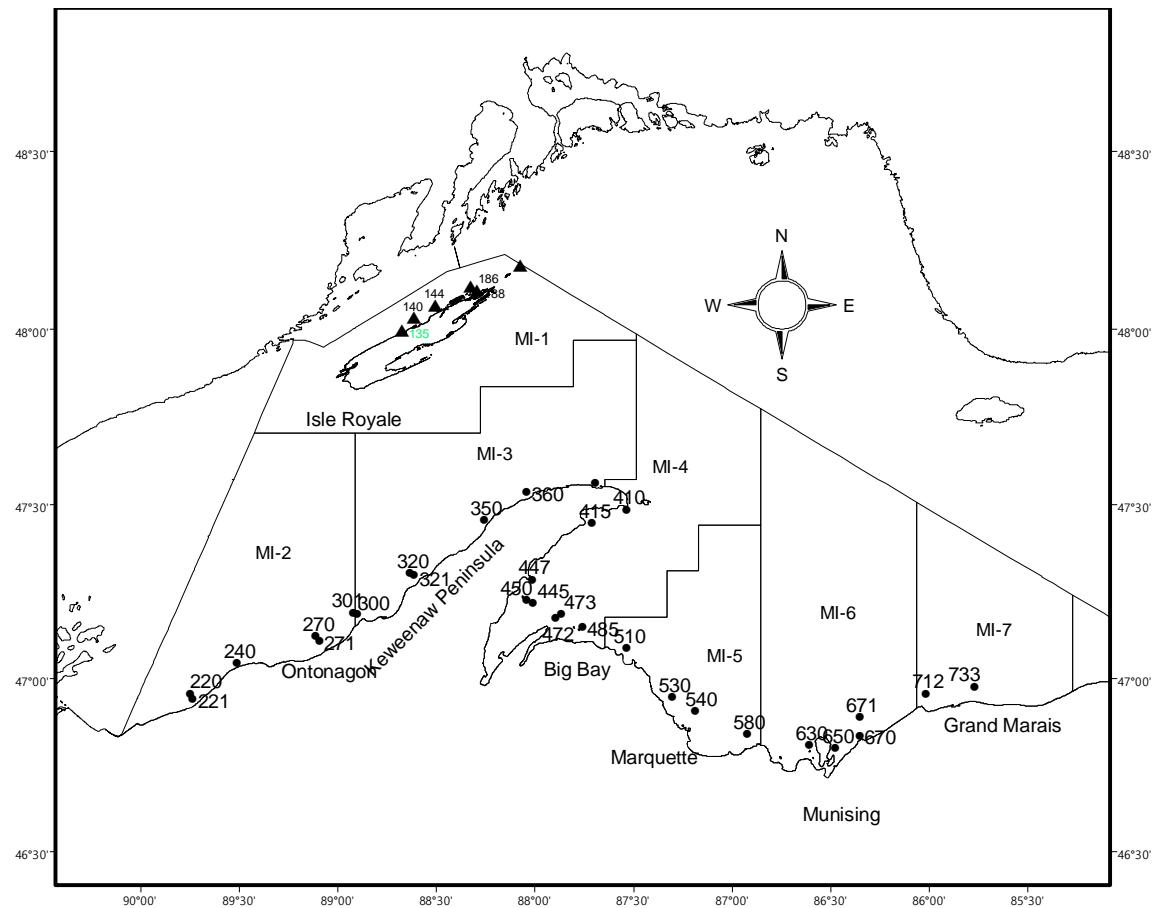
FIMARQT, or via marine radio channel 16. Our radio call sign is *R/V Lake Char*. We can also be reached on the vessel via cell phone number 906-458-6925.

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

Attachment

2023 summer lake trout survey schedule for Marquette Fisheries Research Station (MFRS), Fisheries Division, Michigan Department of Natural Resources.

MIDNR-R/V Lake Char 2023 Summer lake trout survey station positions.					
Dates	Column2	Station_no	site	latitude	longitude
08/01 -	08/02/2023	530	Garlic Island	46°42.32"N	87°28.27"W
08/01 -	08/02/2023	510	Big Bay Point	46°53.09"N	87°43.03"W
08/01 -	08/02/2023	540	Granite Point (Pinnacle)	46°39.21"N	87°20.95"W
08/02 -	08/03/2023	485	Huron Islands (graded mesh)	46°57.63"N	87°57.17"W
08/02 -	08/03/2023	473	Point Abbaye (out)(graded mesh)	47°00.50"N	88°03.86"W
08/03 -	08/04/2023	445	Halberg's Reef	47°02.91"N	88°13.03"W
08/03 -	08/04/2023	447	Traverse Point	47°08.02"N	88°13.18"W
08/03 -	08/04/2023	450	Traverse Island (south)	47°03.60"N	88°15.03"W
08/07 -	08/08/2023	300	Fourteen Mile Point (in)	47°00.38"N	89°09.40"W
08/07 -	08/08/2023	301	Fourteen Mile Point (out)	47°00.80"N	89°10.65"W
08/08 -	08/09/2023	220	Black River Harbor (out)	46°43.00"N	90°02.77"W
08/08 -	08/09/2023	221	Black River Harbor (in)	46°41.90"N	90°01.98"W
08/08 -	08/09/2023	240	Porcupine Mountains	46°49.85"N	89°47.82"W
08/09 -	08/10/2023	270	Ontonagon (out)	46°55.75"N	89°22.57"W
08/09 -	08/10/2023	271	Ontonagon (in)	46°54.63"N	89°21.50"W
08/10 -	08/11/2023	320	Freda (out) (graded mesh)	47°09.53"N	88°52.25"W
08/10 -	08/11/2023	321	Freda (in) (graded mesh)	47°09.00"N	88°51.00"W
08/10 -	08/11/2023	350	Hills Creek	47°21.05"N	88°28.62"W
08/14 -	08/15/2023	360	Great Sand Bay	47°27.10"N	88°15.00"W
08/14 -	08/15/2023	370	Copper Harbor	47°29.00"N	87°52.93"W
08/15 -	08/16/2023	410	Keystone Bay	47°23.26"N	87°42.93"W
08/15 -	08/16/2023	415	Point Isabelle (South Point)	47°20.39"N	87°53.93"W
08/28 -	08/29/2023	580	Laughing Fish Point	46°34.19"N	87°04.39"W
08/29 -	08/30/2023	650	Trout Point A	46°32.00"N	86°35.57"W
08/29 -	08/30/2023	630	Wood Island (graded mesh)	46°31.76"N	86°44.32"W
08/30 -	08/31/2023	670	Grand Portal Point (in)	46°33.88"N	86°28.32"W
08/30 -	08/31/2023	671	Grand Portal Point (out)	46°37.96"N	86°28.22"W
08/31 -	09/01/2023	712	Au Sable Point	46°43.02"N	86°07.04"W
08/31 -	09/01/2023	733	Perry's Landing (graded mesh)	46°44.58"N	85°51.26"W



Research Vessel Lake Char, MIDNR summer lake trout survey stations.

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
