



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

LOCAL NOTICE TO MARINERS

District: 9

Week: 40/09

Issued by: Commander (dpw)
Ninth Coast Guard District
1240 East Ninth Street,
Cleveland, OH 44199-2060
Telephone: (216) 902-6073

Direct questions about this LNM to the above address.

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

District Nine Internet Address <http://www.uscg.mil/d9/uscgd9.html>

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

Light List Reference: Commandant Publication P16502.7, VOL VII, 2009 Edition

Coast Pilot Reference: 2009 U.S. Coast Pilot 6 Great Lakes 39th Edition

Coast Pilot Corrections Reference download web page: <http://nauticalcharts.noaa.gov/nsd/cpdownload.htm>

The Local Notice to Mariners is available on the Internet at <http://www.navcen.uscg.gov/lnm/d9/default.htm>. 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 - B213-09 through B216-09

Ninth District - C117-09 through C123-09

Sector Detroit, MI - D161-09 through D167-09

Sector Lake Michigan, WI - M447-09 through M460-09

Sector Sault Ste Marie, MI - S133-09 through S135-09

ABBREVIATIONS

A through H

ACOE - Army Corps of Engineers
ADRIFT - Buoy Adrift
AICW - Atlantic Intracoastal Waterway
AI - Alternating
B - Buoy
BKW - Breakwater
bl - Blast
BNM - Broadcast Notice to Mariner
bu - Blue
C - Canadian
CHAN - Channel
CGD - Coast Guard District
C/O - Cut Off
CONT - Contour
CRK - Creek
CONST - Construction
DBN/Dbn - Daybeacon
DBD/DAYBD - Dayboard
DEFAC - Defaced
DEST - Destroyed
DISCON - Discontinued
DMGD/DAMGD - Damaged
ec - eclipse
EST - Established Aid
ev - every
EVAL - Evaluation
EXT - Extinguished

I through O

I - Interrupted
ICW - Intracoastal Waterway
IMCH - Improper Characteristic
INL - Inlet
INOP - Not Operating
INT - Intensity
ISL - Islet
Iso - Isophase
kHz - Kilohertz
LAT - Latitude
LB - Lighted Buoy
LBB - Lighted Bell Buoy
LHB - Lighted Horn Buoy
LGB - Lighted Gong Buoy
LONG - Longitude
LNM - Local Notice to Mariners
LT - Light
LT CONT - Light Continuous
LTR - Letter
LWB - Lighted Whistle Buoy
LWP - Left Watching Properly
MHz - Megahertz
MISS/MSNG - Missing
Mo - Morse Code
MSLD - Misleading
N/C - Not Charted
NGA - National Geospatial-Intelligence Agency

P through Z

PRIV - Private Aid
Q - Quick
R - Red
RACON - Radar Transponder Beacon
Ra ref - Radar reflector
RBN - Radio Beacon
REBUILT - Aid Rebuilt
RECOVERED - Aid Recovered
RED - Red Buoy
REFL - Reflective
RRL - Range Rear Light
RELIGHTED - Aid Relit
RELOC - Relocated
RESET ON STATION - Aid Reset on Station
RFL - Range Front Light
RIV - River
s - seconds
SEC - Section
SHL - Shoaling
si - silent
SIG - Signal
SND - Sound
SPM - Single Point Mooring Buoy
SS - Sound Signal
STA - Station
STRUCT - Structure
St M - Statute Mile

F - Fixed
fl - flash
Fl - Flashing
G - Green
HAZ - Hazard to Navigation
HBR - Harbor
HOR - Horizontal Clearance
HT - Height

NO/NUM - Number
NOS - National Ocean Service
NW - Notice Writer
OBSCU - Obscured
OBST - Obstruction
OBSTR - Obstruction
Oc - Occulting
ODAS - Anchored Oceanographic Data Buoy

TEMP - Temporary Aid Change
TMK - Topmark
TRLB - Temporarily Replaced by Lighted Buoy
TRLT - Temporarily Replaced by Light
TRUB - Temporarily Replaced by Unlighted Buoy
W - White
Y - Yellow

Additional Abbreviations Specific to this LNM Edition:

None

SECTION I - SPECIAL NOTICES

This section contains information of special concern to the Mariner.

USACOE NOTICE TO NAVIGATION INTERESTS

All recent Federal Channel conditions that have conditional surveys can be found at the USACE Detroit District web site at: <http://www.lre.usace.army.mil/who/operationsofficehomepage/latestnotices/index.cfm?> and <http://www.lre.usace.army.mil/who/operationsofficehomepage/noticetonavigationinterest/>, the USACE Chicago District website at: http://www.lrc.usace.army.mil/co%2Do/Nav_Notice.htm, and the USACE Buffalo District website at: <http://www.lrb.usace.army.mil/>

LNM: 27/08

ST LAWRENCE SEAWAY - NAVIGATION NOTICES

All recent notices that have been created by the St Lawrence Seaway System can be found at the following web addresses: <http://www.greatlakes-seaway.com/en/seaway/index.html>

LNM: 13/07

The Dates of Latest Editions, Nautical Charts and Miscellaneous Maps

The Dates of Latest Editions, Nautical Charts and Miscellaneous Maps, dated October 1, 2007, published by the National Ocean Service, is available for issue. It may be obtained for free, by mail, from the FAA/National Aeronautical Charting Office, Distribution Division AVN-530, 10201 Good Luck Road, Glenn Dale MD, 20769-9700, by telephone at 1-800-638-8972, or from your local authorized nautical chart sales agent. This is a quarterly publication listing the most recent editions of nautical charts, miscellaneous maps and publications relating to navigation, weather, etc. with brief descriptions and newly updated prices for most of the publications listed. Much of this information may also be obtained online at: <http://chartmaker.ncd.noaa.gov/mcd/dole.htm>

LNM: 43/07

GREAT LAKES - Great Lakes Water Levels

The expected water levels on the Great Lakes for October 20, 2009. Connecting Channels and the St. Lawrence River, given in inches above (+) or below (-) Low Water Datum (LWD). LWD is a plane of reference used on a navigation chart. It is also known as chart Datum.

Great Lakes:

Lake Ontario +14, Lake Erie +24, Lake St. Clair +22, Lake Michigan-Huron +11, Lake Superior +5

St Lawrence River:

Above Long Sault Dam +24, Above Iroquois Dam +13, Ogdensburg +15, Alexandria Bay +15, Head of River at Cape Vincent +14.

Detroit River:

Lake Erie at Pelee Passage +24, Mouth of River at Gibraltar +23, Head of River above Belle Isle +22.

St. Clair River:

Mouth of River at St. Clair Flats +22, Algonac +21, St. Clair +17, Blue Water Bridge +14, Head of River at Fort Gratiot +11, Lake Huron

Approach Channel +11.

St. Marys River:

Mouth of River at Detour +11, West and Middle Neebish +12, Head of Little Rapids +10, U.S. Slip +5, Above Locks +8 Head of River at Point Iroquois +5.

Available water depth is determined for a location by adding (if +) or subtracting (if -) the amount from the above to the water depth 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. Depth, however, may be reduced or increased as much as several feet for short periods of time due to these disturbances, or when sections of channels develop shoals. Vessel masters should refer to the Local Notice to Mariners for extent of shoaling and scattered bedrock projections in all channels. For further information direct inquiries to: Department of the Army, Detroit District Corps of Engineers, P. O. Box 1027, Detroit, MI 48231, (313) 226-6443. Additional information can be found on the U.S.

Army Corps of Engineers Information Center website at
<http://www.lre.usace.army.mil/greatlakes/hh/greatlakeswaterlevels/waterlevelforecasts/connectingchannelsforecasts/index.cfm?>

LNM: 43/08

2009 GREAT LAKES INTERNATIONAL ICEBREAKING CONFERENCE

The Ninth Coast Guard District will host the 2009 Great Lakes International Icebreaking Conference on Wednesday 28 October, 2009 at the Crowne Plaza Cleveland City Centre, 777 St. Clair Ave. NE., Cleveland, OH 44199. Members of the Commercial Maritime Industry in addition to Federal, State, or Local Emergency Management agencies desiring to attend may contact LTJG Colby Schlaht at (216) 902-6066 or Colby.R.Schlaht@uscg.mil for more information.

LNM: 39/09

ST. LAWRENCE RIVER – Grass River - Chart CA 1433

Clarkson University will be conducting research on the Grass River near Massena, NY. A research platform will be anchored in position 44-57-50.795N / 074-48-07.020W. The research platform will be in position until 30 November, 2009. Mariners should use caution when transiting the area and all traffic should stay clear of the platform. For further information contact William Kirkey at (716) 471-1812.

LNM: 39/09

LAKE ERIE – Toledo Harbor – Chart 14830

The Great Lakes Dock and Materials, LLC will have a temporary mooring buoy with a white quick flashing light in the west end of Lake Erie in approximate position 41-48-41.200N / 083-17-13.300W until December 2009. Mariners should use caution when transiting the area.

LNM: 32/09

****BUOY REPOSITIONED DUE TO CHANGE IN SHOALING****

LAKE ST CLAIR - St. Clair Cut-Off Channel - Shoaling - Charts 14850 and 14853

Shoaling has been confirmed inside the St. Clair Cut-Off Channel in the vicinity of Canadain Pier Lighted Buoy "X32". The US Coast Guard has established St. Clair Cut-Off Channel Lighted Buoy "32" (LLNR 8600). This quick flashing red buoy marked "32" has been established in position 42-30-56.057N / 082-41-09.411W in 31' of water to best mark the shoaling. For more information visit:

[http://www.lre.usace.army.mil/OandM/mappdf/mapstclaircut2\[1\].pdf](http://www.lre.usace.army.mil/OandM/mappdf/mapstclaircut2[1].pdf)

LNM: 14/08

LAKE HURON - Sebewaing Harbor - Chart 14863

Sebewaing Harbor has recently been dredged by the USACOE to a project depth of 5ft. Recent surveys performed indicate shoaling in the Federal Navigation Channel. Shoaling to 4 ft depths is located in the vicinity of 43-44-53.820N / 083-30-23.280W.

LNM: 25/09

LAKE HURON - Au Sable River, MI - Shoaling - Oscoda Break Wall - Chart 14863

Shoaling has been reported, from depths of 1.9 feet to 3 feet, immediately outside the entrance to the Au Sable River. All mariners are advised to use caution while transiting the area.

LNM: 18/08

LAKE HURON – Harrisville – Charts 14860 and 14864

Shoaling has been reported, from depths of 4.1 feet to 6.4 feet, cross channel in the vicinity of West Breakwall Light (LLNR 11330). All mariners are advised to use caution while transiting the area.

LNM: 28/09

LAKE MICHIGAN – Muskegon Harbor – Chart 14934

Shoaling has been reported, from 27.5 feet to 28.6 feet, cross channel at the channel entrance. All mariners are advised to use caution while transiting the area.

LNM: 29/09

LAKE MICHIGAN – Indiana Harbor – Chart 14929

Durocher Marine will have a temporary mooring buoy with a white quick flashing light off Whiting, IN in approximate position 41-40-46.320N / 087-28-06.300W until November 2009. Mariners should use caution when transiting the area.

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
1170	St. Lawrence Seaway Lighted Buoy 153	RAC INOP		B016-09	15/09	
1190	St. Lawrence Seaway Lighted Buoy 159	LT EXT			40/09	
1520	Clayton Shoal Lighted Buoy 1	LT EXT	14766	B195-09	36/09	
1800	Chaumont Harbor Light	LT EXT	14811	B142-09	40/09	
2290	Irondequoit Bay Light 4	LT EXT	14804	B215-09	40/09	
3520	Erie Harbor Entrance Lighted Buoy 2	LT EXT	14835	B059-09	23/09	
3525	Erie Harbor Entrance Buoy 3	LT IMCH	14835	B210-09	38/09	
4730	Sandusky Bay Exit Channel Range Rear Light	DBN DMGD	14845	D199-08	44/08	
6595	Monroe Harbor Lighted Buoy 6	OFF STA	14846	D162-09	39/09	
8540	St. Clair Flats Canal Range Rear Light	LT EXT	14853	D164-09	39/09	
8980	Clinton River Entrance Lighted Buoy 1	MISSING	14853	D167-09	40/09	
13480	West Neebish Channel (Downbound) Light 54	REDUCED INT	14883	S135-09	40/09	
13750	West Neebish Channel (Downbound) Lighted Buoy 2	LT IMCH	14883	S132-09	39/09	
13960	Upper Nicolet Range Rear Light	DBN DEST	14883	S025-09	12/09	
19960	Chicago Harbor Light	LT EXT	14926	M458-09	40/09	
20605	Wind Point Light	MSLD SIG	14904	M451-09	40/09	
21255	Cana Island Light	LT EXT	14909	M460-09	40/09	
21765	Jackson Harbor Buoy 1	OFF STA	14909	M448-09	40/09	
21795	Sister Islands Buoy 1	MISSING	14909	M236-09	25/09	

DISCREPANCIES (FEDERAL AIDS) CORRECTED

LLNR	Aid Name	Status	Chart No.	BNM Ref.	LNM St	LNM End
40	St. Lawrence Seaway Lighted Buoy 6	WATCHING PROPERLY			40/09	40/09
55	St. Lawrence Seaway Lighted Buoy 8	WATCHING PROPERLY			18/09	40/09
400	St. Lawrence Seaway Light 71	WATCHING PROPERLY			37/09	40/09
905	St. Lawrence Seaway Lighted Buoy 128	WATCHING PROPERLY			30/09	40/09
1250	St. Lawrence Seaway Light 168	WATCHING PROPERLY			32/09	40/09
1320	St. Lawrence Seaway Light 186	WATCHING PROPERLY			35/09	40/09
1450	St. Lawrence Seaway Lighted Buoy 211	WATCHING PROPERLY			35/09	40/09
4575	Moseley Channel Range Rear Light	WATCHING PROPERLY	14845		38/09	40/09
9590	St. Clair Flats Canal Lighted Buoy 7	WATCHING PROPERLY	14853		39/09	40/09
10200	Harbor Beach Marina Lighted Buoy 3	WATCHING PROPERLY	14862		40/09	40/09
15115	Keweenaw Upper Entrance West Breakwater Light	WATCHING PROPERLY	14972		40/09	40/09
15120	Keweenaw Upper Entrance Light	WATCHING PROPERLY	14972		39/09	40/09
19795	Calumet East Shoal Lighted Buoy 4	WATCHING PROPERLY	14929		39/09	40/09
19960	Chicago Harbor Light	WATCHING PROPERLY	14926		39/09	40/09
20865	Manitowoc Buoy 6	WATCHING PROPERLY	14922		40/09	40/09
21040	Sturgeon Bay Ship Canal Light 7	WATCHING PROPERLY	14919		39/09	40/09
21455	Gravelly Island Shoal Buoy 4	WATCHING PROPERLY	14909		36/09	40/09

DISCREPANCIES (PRIVATE AIDS)

LLNR	Aid Name	Status	Chart No.	BNM Ref.	LNM St	LNM End
895	St. Lawrence Seaway Ice Boom Cell Light C	LT EXT	14763	B024-09	17/09	
1355	Alexandria Bay Shoal Daybeacon	MISSING	14766		28/09	
1386	Keewaydin State Park Lighted Entrance Buoy	MISSING			28/09	
1519	Clayton Marina Buoy 6	MISSING	14774		28/09	
1519.5	Clayton Marina Buoy 8	MISSING	14774		28/09	
2393	Golden State Park Entrance Light 3	LT EXT	14805	B040-09	21/09	
3630	Presque Isle Park Light 2	MISSING	14835		28/09	
3640	Presque Isle Park Light 4	DBN DMGD	14835		28/09	
3645	Erie Harbor Water Pipe Intake Buoy A	OFF STA	14835	B097-09	27/09	
3975	Wildwood Park West Detached Breakwater Light	DBN DEST	14826	B098-09	27/09	
4015	Northeast Yacht Club Outer Light	LT IMCH	14826	B099-09	27/09	
4020	Northeast Yacht Club Inner Light	LT IMCH	14826	B100-09	27/09	
4110	Lakeside Yacht Club Entrance South Light	LT IMCH	14839	B101-09	27/09	
4150	North Coast Harbor Light 2	DBN DMGD	14839	B102-09	27/09	
4190	Whiskey Island Marina Entrance Light 1	DBN DMGD	14839	B106-09	27/09	
4420	Beaver Creek Entrance Light 4	LT IMCH	14826	B104-09	27/09	
4425	Beaver Creek Entrance Light 5	LT IMCH	14826	B105-09	27/09	
5283	Mazurik Fish Access Light 2	LT EXT		D151-09	37/09	
5996	Turtle Creek Breakwater Light 2	LT EXT	14846		24/09	
6375	Pier 75 Detached Breakwater Light B	MISSING	14847		25/09	
6395	Pier 75 Detached Breakwater Light F	MISSING	14847		25/09	
8165	Detroit Lime Company Light	LT IMCH	14854	D168-08	36/08	
8705	Grosse Point Club Dock South Light	LT IMCH	14853		25/09	
8710	Grosse Point Club Dock North Light	LT IMCH	14853		25/09	
8945	Black Creek Lighted Buoy 2	LT EXT	14853	D123-09	29/09	
16545	Pellet Island Light	LT EXT	14967		38/09	
19770	Hammond Marina Lighted Obstruction Buoy D	OFF STA	14926	M397-09	36/09	
19900	Fifty-Ninth Street Yacht Harbor North Pier Light	LT EXT	14926	M418-09	37/09	
20015	Chicago Harbor Filtration Plant Light B	LT EXT	14926	M201-09	23/09	
20310	Waukegan South Harbor Marina Light 1	MISSING	14904		40/09	45/09
20730	South Shore Park Entrance Lighted Buoy 2	LT IMCH	14924	M442-09	39/09	
20775	Port Washington South Projection Jetty Light	LT EXT	14904	M335-09	33/09	
20785	Port Washington South Pier Light	LT EXT	14904	M344-09	33/09	
20815	Sheboygan Generating Station North Intake Lighted Buoy 2	OFF STA	14903	M453-09	40/09	

DISCREPANCIES (PRIVATE AIDS) CORRECTED

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

PLATFORM DISCREPANCIES

Name	Status	Position	BNM Ref.	LNM St	LNM End
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None

PLATFORM DISCREPANCIES CORRECTED

Name	Status	Position	BNM Ref.	LNM St	LNM End
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None

SECTION III - TEMPORARY CHANGES and TEMPORARY CHANGES CORRECTED

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

TEMPORARY CHANGES

LLNR	Aid Name	Status	Chart No.	BNM Ref.	LNM St	LNM End
3305	Buckhorn Island Dike Light 1	DISCONTINUED	14832		23/09	
5920	Toussaint River Entrance Buoy 1	DISCONTINUED	14846		22/09	
5930	Toussaint River Entrance Buoy 3	DISCONTINUED	14846		22/09	
5935	Toussaint River Entrance Buoy 4	DISCONTINUED	14846		22/09	
5940	Toussaint River Entrance Buoy 5	DISCONTINUED	14846		22/09	
5945	Toussaint River Entrance Buoy 6	DISCONTINUED	14846		22/09	
7650	Stony Island Buoy 8	DISCONTINUED	14853		22/09	
14530	Whitefish Point Light	Reduced Intensity	14962	S114-09	33/09	
19515	St. Joseph North Pierhead Light	DISCONTINUED	14930	M407-09	37/09	44/09

TEMPORARY CHANGES CORRECTED

LLNR	Aid Name	Status	Chart No.	BNM Ref.	LNM St	LNM End
15595	Superior Entry South Breakwater Light	Reestablished	14975		40/09	40/09

PLATFORM TEMPORARY CHANGES

Name	Status	Position	BNM Ref.	LNM St	LNM End
None					

PLATFORM TEMPORARY CHANGES CORRECTED

Name	Status	Position	BNM Ref.	LNM St	LNM End
None					

SECTION IV - CHART CORRECTIONS

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

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

Chart Number	Chart Edition	Edition Date	Last Local Notice to Mariners	Horizontal Datum Reference	Source of Correction	Current Local Notice to Mariners
12327	91st Ed.	19-APR-97	Last LNM: 26/97	NAD 83		27/97
Chart Title: NY-NJ-NEW YORK HARBOR - RARITAN RIVER						
Main Panel 2245 NEW YORK HARBOR					CGD01	
(Temp) ADD	NATIONAL DOCK CHANNEL BUOY 3				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.

14863	31st Ed.	01-OCT-05	Last LNM: 21/09	NAD 83		40/09
Chart Title: Saginaw Bay;Port Austin Harbor;Caseville Harbor;Entrance to Au Sable River;Sebewaing Harbor;Tawas Harbor						
Inset 1321 PORT AUSTIN MICHIGAN . Page/Side: N/A						
CHANGE	Depth Legend - Port Austin; 10 FT MAY 2009 FROM 10 FT JUN 2004 (NOS NW-17646)				NOS 44-03-12.500N	082-59-35.200W
CHANGE	Depth Legend - Port Austin; 6 1/2 FEET MAY 2009 FROM 6 1/2 FEET AUG 2006 (NOS NW-17646)				NOS 44-03-07.700N	082-59-35.300W

visual, light, and radar signature are encouraged.

- East Outer Channel Lighted Buoy "2" (LLNR 6900)
- Cheboygan River Entrance Lighted Buoy "2" (LLNR 11780)
- Lake Nicolet Lighted Buoy "77" (LLNR 13450)
- Big Point Lighted Buoy "7" (LLNR 14265)
- West Neebish Channel (Downbound) Lighted Buoy "36" (LLNR 13575)
- Point Aux Frenes Lighted Buoy "19" (LLNR 12960)

LNM: 35/09

LAKE ERIE - West End of Sandusky Bay - Chart 14842

The following Aids to Navigation will be changed to warn the mariner of rocks and shoaling:

Muddy Creek:

Squaw Island Light "12" (LLNR 5085) change flash characteristic to QW and day board to white with orange bands to read "Danger Shoal"

Sandusky River:

- Sandusky River Daybeacon "13" (LLNR 5090) change day board to white with orange bands and to read "Danger Rock"
- Sandusky River Daybeacon "15" (LLNR 5096) change day board to white with orange bands and to read "Danger Rock"
- Sandusky River Daybeacon "17" (LLNR 5100) change day board to white with orange bands and to read "Danger Rock"

LNM: 19/08

LAKE ERIE - Cleveland Harbor - Chart 14839

Forest City Yacht Club Buoy "4" (LLNR 4100) change the buoy from a Federal Aid to Navigation to a Private Aid to Navigation. The buoy will be maintained from 01 May to 14 October.

LNM: 32/09

LAKE HURON - Harrisville to Forty Mile Point - Chart 14864

Presque Isle Light (LLNR 11550) Change the aid from a Federal Aid to Navigation to a Private Aid to Navigation. The characteristic will remain the same. The light would be operated by Presque Isle Township.

LNM: 20/07

LAKE HURON - Harrisville to Forty Mile Point - Chart 14864

Sturgeon Point Light (LLNR 11345) Change the aid from a Federal Aid to Navigation to a Private Aid to Navigation. Characteristics and range will remain the same.

LNM: 01/07

LAKE HURON - Lake Huron Cut - Chart 14862

Lake Huron Cut Light "7" (LLNR 10065) Increase the range of the light from 6 to 9 statute miles.

LNM: 05/09

LAKE MICHIGAN - Stony Lake to Point Betsie - Chart 14907

Change the following lights from a Federal Aid to Navigation to a Private Aid to Navigation. The light would be operated by the Sable Points Lighthouse Keepers Association.

- Big Sable Light (LLNR 18525)
- Little Sable Light (LLNR 18645)

LNM: 33/08

LAKE MICHIGAN - St. Joseph and Benton Harbor - Chart 14930

Change the characteristics and ranges of the following lights due to submarine cable failure and solarization:

St. Joseph North Pierhead Light (LLNR 19515) change the characteristic from ISO W 6s to FI W 2.5s and the range from 15 to 12 statute miles.

LNM: 19/08

LAKE MICHIGAN - Manitowoc Harbor - Chart 14922

Manitowoc Breakwall Light (LLNR 20860) The purpose is to change the lantern from the existing incandescent lamps to a more energy efficient LED. This will reduce the range of the light from 15 to 12 statute miles.

Change the operation of the Fog Signal to a user activated system. The Coast Guard will install a user activated fog signal; to operate the fog signal, key the microphone on VHF Marine radio channel 79 five times.

LNM: 01/07

STRAITS OF MACKINAC - Les Cheneaux Islands - Chart 14885

Crow Island Leading Light (LLNR 12220) Reduce the advertised range from 13 to 11 statute miles. Eliminate the advertised high intensity beam on bearing 160 degrees due to the installation of a more energy efficient LED lantern.

LNM: 23/09

ST MARYS RIVER - De Tour Passage to Munuscong Lake - Chart 14882

Pipe Island Light (LLNR 12875) Reduce the range of the light from 17 statute miles to 12 statute miles. The change would be a result of installing a more energy efficient LED lantern.

LNM: 10/09

LAKE SUPERIOR - Keweenaw Waterway - Chart 14972

Eliminate the advertised high intensity beam due the installation of a more energy efficient LED from the following aids to navigation:

Keweenaw Waterway South Range Front Light (LLNR 14820)
Rouleau Point Range Front Light (LLNR 15040)

LNM: 23/09

SECTION VI - PROPOSED CHANGES

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

PROPOSED WATERWAY PROJECTS OPEN FOR PUBLIC COMMENT

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

Proposed Change Notice(s)

ST. LAWRENCE SEAWAY - Whaleback Shoal to Summerland Group - Canadian Chart 1436

Permanently discontinue RACON located on St. Lawrence River Lighted Buoy 153 (LLNR 1170).

LNM: 34/09

LAKE ERIE - Dunkirk Harbor - Chart 14823

Discontinue the following aids to navigation:

West Dock Front Channel Buoy "1" (LLNR 3470)
West Dock Front Channel Buoy "3" (LLNR 3475)

The aids are located in less than 6 feet of water which is less than the minimum depth required to adequately support the buoys.

LNM: 34/09

LAKE ERIE - Bay Point State Park - Chart 14844

Permanently discontinue the following Private Aids to Navigation.

Bay Point State Park Hazard Buoy "A" (LLNR 5175)
Bay Point State Park Hazard Buoy "B" (LLNR 5180)
Bay Point State Park Hazard Buoy "C" (LLNR 5185)
Bay Point State Park Hazard Buoy "D" (LLNR 5190)
Bay Point State Park Hazard Buoy "E" (LLNR 5195)
Bay Point State Park Hazard Buoy "F" (LLNR 5200)
Bay Point State Park Hazard Buoy "G" (LLNR 5205)
Bay Point State Park Hazard Buoy "H" (LLNR 5210)

LNM: 38/09

LAKE ERIE - Toussaint River - Chart 14846

Permanently discontinue the following Federal Aids to Navigation due to severe shoaling:

Toussaint River Buoy "1" (LLNR 5920)
Toussaint River Buoy "3" (LLNR 5930)
Toussaint River Buoy "4" (LLNR 5935)
Toussaint River Buoy "5" (LLNR 5940)
Toussaint River Buoy "6" (LLNR 5945)

LNM: 40/09

DETROIT RIVER - Trenton and Wyandotte Channels - Chart 14848

Change the decommissioning dates of the following lighted buoys from 14 December to 01 December due to a history of severe ice damage:

- Wyandotte Channel Lighted Buoy "3" (LLNR 7840)
- Wyandotte Channel Lighted Buoy "7" (LLNR 7855)
- Grosse Isle Spit Junction Lighted Buoy (LLNR 7865)
- Wyandotte Channel Lighted Buoy "16" (LLNR 7880)
- Wyandotte Channel Lighted Buoy "18" (LLNR 7885)
- Wyandotte Channel Lighted Buoy "20" (LLNR 7890)
- Mud Island Junction Lighted Buoy (LLNR 7895)
- Wyandotte Channel Lighted Buoy "22" (LLNR 7905)
- Trenton Channel Lighted Buoy "1" (LLNR 7945)
- Trenton Channel Lighted Buoy "5" (LLNR 7965)
- Trenton Channel Lighted Buoy "9" (LLNR 7980)
- Trenton Channel Lighted Buoy "10" (LLNR 7985)
- Trenton Channel Lighted Buoy "13" (LLNR 8000)
- Trenton Channel Lighted Buoy "14" (LLNR 8005)
- Trenton Channel Lighted Buoy "18" (LLNR 8030)
- Trenton Channel Lighted Buoy "19" (LLNR 8035)
- Trenton Channel Lighted Buoy "23" (LLNR 8055)
- Trenton Channel Lighted Buoy "24" (LLNR 8060)
- Trenton Channel Lighted Buoy "25" (LLNR 8065)
- Trenton Channel Lighted Buoy "28" (LLNR 8075)
- Trenton Channel Lighted Buoy "29" (LLNR 8080)
- Trenton Channel Lighted Buoy "30" (LLNR 8085)

LNLM: 34/09

LAKE HURON - Port Huron to Pte Aux Barques - Chart 14862

Decommission the following aids to navigation during the week of 09 November vice their scheduled light list date:

- Point Aux Barques Lighted Buoy "1" (LLNR 10205) LL date 14 Nov

LNLM: 40/09

LAKE HURON - Saginaw Bay - Chart 14863

Decommission the following aids to navigation during the week of 09 November vice their scheduled light list date:

- Port Austin Shoal Buoy "1" (LLNR 10280) LL date 14 Nov
- Charity Island Shoal Lighted Buoy "1" (LLNR 10530) LL date 7 Dec
- Charity Island Shoal Lighted Buoy "3" (LLNR 10535) LL date 7 Dec
- Tawas Point Lighted Buoy "2" (LLNR 11245) LL date 1 Dec
- Tawas Harbor Lighted Buoy "4" (LLNR 11250) LL date 1 Dec
- Au Sable Point Lighted Buoy "1" (LLNR 11310) LL date 1 Dec

LNLM: 40/09

LAKE HURON - Harrisville to Forty Mile Point - Chart 14864

Decommission the following aids to navigation during the week of 09 November vice their scheduled light list date:

- Alpena Junction Lighted Buoy "AL" (LLNR 11390) LL date 1 Dec

LNLM: 40/09

STRAITS OF MACKINAW - Mackinaw Bridge - 14881

Install AIS on the bridge to mark the center of the channel.

LNLM: 34/09

LAKE MICHIGAN - Port Washington - Chart 14904

The following Private Aids to Navigation will be discontinued.

- Port Washington South Pier Light (LLNR 20785)
- Port Washington South Projection Light (LLNR 20775)

LNLM: 38/09

ST. MARY'S RIVER - Chart 14883

Change the following Aids to navigation in Middle Neebish Channel

Middle Neebish Light "54" (LLNR 13325) permanently discontinue
Middle Neebish Buoy "55" (LLNR 13330) permanently discontinue
Middle Neebish Buoy "51" (LLNR 13320) relocate the buoy upstream at position 46-19-31N / 084-09-39W

LNM: 39/09

ST. MARY'S RIVER - Chart 14884

Brush Point Range Front Light (LLNR 14390) Change the characteristic from F R to Q R light only at night.

Brush Point Lighted Buoy "13" (LLNR 14350) permanently discontinue aid.

Brush Point Light "A" (LLNR 14355) Change the characteristic from Q W to Q G and rename Brush Point Light "13".

LNM: 37/09

ST. MARYS RIVER - Round Island - Chart 14884

Round Island Buoy "29" (LLNR 14445) change the buoy from a green lateral numbered "29" can to a yellow anchorage buoy lettered "B" can to better mark the outer limits of the Federal anchorage area.

LNM: 34/09

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

Mr. Doug Sharp of the Ninth District Aids to Navigation office at (216) 902-6070.

LNM: 34/05

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 Study - 2009

The Coast Guard is conducting a Waterways Analysis and Management System Study on the following waterways during 2009. The study focuses on the area's aid to navigation system, waterborne commerce, marine casualty information, emergency response plans, routine and emergency communication capabilities, and future development projects. Any company or individual wishing to comment on the waterway reviews listed below is encouraged to contact the Coast Guard unit listed with that review. A survey is attached to the Local Notice to Mariner and can be used to comment on these reviews or on any waterways located in the Great Lakes.

Lake Erie - Erie Harbor (LLNR 3495 - 3696)
Lake Ontario - Youngstown Harbor (LLNR 2400 -2655)
Lake Ontario - Rochester Harbor (LLNR 2280 - 2395)
Contact:
Commander
USCG Sector Buffalo
1 Fuhrmann Blvd.
Buffalo, NY 14203-3189
(716) 843-9524

Lake Erie - Eastern Ohio - (LLNR 3700 - 3955)
Contact:
Commander
USCG Sector Buffalo
1 Fuhrmann Blvd.
Buffalo, NY 14203
(716) 813-9524

Lake Erie - Erie Islands - Chart 14844
Contact:
Commander
USCG Sector Detroit
110 Mt. Elliot Ave.
Detroit, MI 48207
(313) 568-9523

Lake Erie - Toledo Harbor / Maumee Channel (LLNR 6030 - 6455)
Contact:
Commander
USCG Sector Detroit
110 Mt. Elliot Ave.
Detroit, MI 48207
(313) 568-9581

Waterways Analysis and Management System Study - 2009

Lake St. Clair - Anchor Bay (LLNR 9305 - 9565)
Lake St. Clair - Lake St. Clair Recreation/Belle Isle (LLNR 8280 - 8396)
Contact:
Commander
USCG Sector Detroit
110 Mt. Elliot Ave.
Detroit, MI 48207-4380
(313)568-9523

Lake St. Clair - Main Shipping Channel (LLNR 8400 -8660)
Lake Erie - Sandusky Harbor/Moseley Channel (LLNR 4560 - 5030)
Lake Erie - Lorain/Huron Harbor (LLNR 4265 - 5455)
Commanding Officer
USCGC Bristol Bay (WTGB 102)
110 Mt. Elliot Ave.
Detroit, MI 48207-4380
(313) 568-9548

Lake Huron - Au Gres and Tawas Bay - Chart 14863
Contact:
Commander
USCG Sector Detroit
110 Mt. Elliot Ave.
Detroit, MI 48207-4380
(313) 568-9523

Lake Huron - Alpena (LLNR 11345 -11715)
Lake Huron - Port Sanilac/Harbor Beach (LLNR 10095 - 10212)
Lake Huron - Port Austin/Caseville (LLNR 10215 -10385)
Contact:
Commanding Officer
USCGC Hollyhock (WLB 214)
2700 Omar Street
Port Huron, MI 48060-8519

Lake Michigan - Milwaukee Harbor (LLNR 20635 - 20765)
Contact:
Commanding Officer
USCGC Mackinaw (WLBB 30)
632 Coast Guard Drive
Cheboygan, MI 49721-1299
(231) 597-2030

Lake Michigan - Grand Traverse Bay (LLNR 17855 - 18366)
Lake Superior - Knife River /Two Harbors (LLNR 16495 - 16580)
Contact:
Commanding Officer
USCGC Alder (WLB 216)
1201 Minnesota Ave
Duluth, MN 55802-2492
(216) 529-3131

Lake Michigan - Holland Harbor (LLNR 19270 - 19511.6)
Lake Michigan - White Lake (LLNR 18650 - 18960)
Lake Michigan - Michigan City (LLNR 19535 - 19570)
Contact:
Commander
USCG Sector Lake Michigan
2420 South Lincoln Memorial Drive
Milwaukee, WI 53207-1997
(414) 747-7188

Lake Michigan - Muskegon/Grand Haven (LLNR 18705 - 19265)
Lake Michigan - Portage Lake/Manistee/Ludington (LLNR 18370 - 18645)
Contact:
Commanding Officer
USCGC Mobile Bay (WTGB 103)
P.O. Box 287
Sturgeon Bay, WI 54235-0287
(920) 743-2646

Waterways Analysis and Management System Study - 2009

Lake Superior - Upper St. Louis River (LLNR 16255 - 16492)

Contact:

Commander

USCG Sector Sault Ste Marie

337 Water Street

Sault Ste Marie, MI 49783-9501

(906) 635-3270

LNM: 07/08

LAKE ERIE – Cleveland Harbor – Chart 14839 - Scheduled Maintenance

Scheduled maintenance will be performed on the Inner Belt Freeway Bridge (I-90) at Mile 3.42 over the Cuyahoga River in Cleveland, OH from October 12, 2009 through May 30, 2010. The contractor will utilize man-lifts and UB50 trucks that may reduce the navigational vertical and horizontal clearances of the river, however all equipment is required to be moved to allow vessel transits. It is recommended that vessels transit this area with caution. [40/09]

LNM: 40/09

LAKE ERIE – Cleveland Harbor – Chart 14839 - Scheduled maintenance

The Norfolk Southern Railroad Bridge at Mile 0.76 over the Cuyahoga River will require a 4-hour advance notice for bridge openings between the hours of 0800 and 2200 on the following dates:

Monday October 26, 2009.

Monday November 2, 2009.

Monday November 9, 2009.

Monday November 16, 2009.

[39/09]

LNM: 39/09

DETROIT RIVER – River Rouge – Zug Island – Chart 14926

The Delray Connecting Rail Road Bridge at Mile 0.34 over the Old Rouge River is closed to masted navigation due to structural inspections. [40/09]

LNM: 40/09

LAKE HURON – Cheboygan Harbor – Chart 14881

On October 7, 2009 between the hours of 0800 and 1700 the City of Cheboygan will install the span for a new pedestrian bridge at mile 1.20 over the Cheboygan River. For safety reasons vessels will not be able to pass under the new span while it is suspended by the crane. [39/09]

LNM: 39/09

GREAT LAKES - GENERAL - MARINE EVENTS - SAFETY ZONES - SECURITY ZONES

Events listed below are those events that may have accompanying special local regulations. Mariners transiting these areas should contact the U.S. Coast Guard with any questions and are asked to exercise caution when navigating through the area of the event. Summary located in Enclosure (2).

LNM: 34/05

LAKE ERIE / LAKE ONTARIO - Marine Events / Safety Zones - Charts 14820 - 14800

The Following Marine Events or Safety zones will take place in Lake Erie / Lake Ontario for information about the following events contact the POC or USCG Sector Buffalo's Prevention Department.

LAKE ERIE:

Please Refer to Enclosure (2) for details.

LAKE ONTARIO:

Please Refer to Enclosure (2) for details.

LNM: 33/08

LAKE SUPERIOR - Marine Events / Safety Zones - Chart 14961

The following Marine Events or Safety Zones take place in Lake Superior . For information about the following events contact the POC or USCG Sector Sault Ste Marie's Prevention Department.

Please Refer to Enclosure (2) for details.

LNM: 39/08

LAKE HURON - Marine Events / Safety Zones - Chart 14860

The following Marine Events or Safety Zones take place in Lake Huron . For information about the following events contact the POC or USCG Sector Detroit's Prevention Department.

LAKE HURON - Marine Events / Safety Zones - Chart 14860

Please Refer to Enclosure (2) for details.

LNM: 39/08

LAKE MICHIGAN - Marine Events / Safety Zones- Chart 14961

The following Marine Events or Safety Zones take place in Lake Michigan. For information about the following events contact the POC or the USCG Sector Lake Michigan's Prevention Department.

Please Refer to Enclosure (2) for details.

LNM: 25/09

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
21455	Gravelly Island Shoal Buoy 4 Marks west side of shoal.	45-30-45.334N 086-43-59.080W				Red nun.	40/09
		*					

PUBLICATION CORRECTIONS

None

ENCLOSURES

(1) Summary of Dredging

[SUMMARY OF DREDGIN2.pdf](#)

Construction Operations in Effect

(2) GREAT LAKES - General - Marine Events

[GREAT LAKES.pdf](#)

Summary of Marine Events

(3) FEDERAL REGISTER

The above enclosures are in the Federal Registers for the last week.

LNM: 31/08

(4) US ARMY CORP OF ENGINEERS - Notice to Navigation Intrest

The above Enclosures are the most current for the Army Corp of Engineers and can be found at <http://www.lre.usace.army.mil/who/operationsofficehomepage/latestnotices/index.cfm?>

LNM: 36/08

(6) WATERWAY ANALYSIS AND MANAGEMENT STUDY

[WAMS Survey _3_.pdf](#)

Great Lakes WAMS Questionnaire

LNM: 32/09

Peter V. Neffenger
Rear Admiral, U. S. Coast Guard
Commander, Ninth Coast Guard District

SUMMARY OF DREDGING/CONSTRUCTION OPERATIONS IN EFFECT

The LNM column is where the entry originally appeared and where detailed information may be obtained. The dates listed for completions are tentative.

<u>Location</u>	<u>LNM</u>	<u>Subject</u>	<u>Hours / Days</u>	<u>Until</u>
<u>NEW YORK STATE BARGE CANAL</u>				
Fort Edward, NY	18/09	DREDGING	24 HRS A DAY / 7 DAYS	01 NOV 09
<u>ST. LAWRENCE RIVER</u>				
<u>LAKE ONTARIO</u>				
None Reported				
<u>LAKE ERIE</u>				
Niagara River, NY	11/09	REDUCTION IN BRIDGE VERTICAL CLEARANCE	24 HRS A DAY / 7 DAYS	31 DEC 10
Buffalo, NY	29/09	BREAKWALL RECONDITIONING	0600 – 1830 / MON-FRI	15 OCT 09
Lorain, OH	30/09	DREDGING	24 HRS A DAY / MON-SAT	01 NOV 09
Huron, OH	32/09	DREDGING	24 HRS A DAY / MON-SAT	25 OCT 09
Toledo, OH	34/09	DREDGING	24 HRS A DAY / MON-SAT	03 NOV 09
Dunkirk, NY	36/09	DREDGING	0700 – 1900 / MON-SAT	31 OCT 09
<u>DETROIT RIVER</u>				
None Reported				
<u>LAKE ST. CLAIR</u>				
Mt. Clemens, MI	40/08	PROPOSED BRIDGE REPLACEMENT	TBD	TBD
Clinton River, MI	39/09	DREDGING	0700-1900 /MON-FRI	30 NOV 09
<u>ST. CLAIR RIVER</u>				
Port Huron, MI	31/09	BRIDGE REHABILITAION	VARIOUS	01 NOV 09
<u>LAKE HURON</u>				
None Reported				
<u>STRAITS OF MACKINAC</u>				
None Reported				
<u>SAINT MARY'S RIVER</u>				
None Reported				
<u>LAKE SUPERIOR</u>				
Silver Bay, MN	24/09	DREDGING	0500-0100	01 NOV 09
Black River Harbor, MI	35/09	DREDGING	VARIOUS	24 OCT 09
<u>LAKE MICHIGAN</u>				
Chicago Harbor, IL	13/08	INOPERABLE BRIDGE STATUS	VARIOUS	TBD
Wolf River, WI	13/09	BRIDGE CLOSURE	24 HRS A DAY / 7 DAYS	TBD
Milwaukee, WI	16/09	DREDGING	24 HRS A DAY / 7 DAYS	20 DEC 09
Sturgeon Bay, WI	24/09	BRIDGE REHABILITATION	24 HRS A DAY / 7 DAYS	01 JAN 10
Whiting, IN	26/09	PIPELINE CONSTRUCTION	24 HRS A DAY / MON-SAT	11 NOV 09
Green Bay, WI	26/09	DREDGING	24 HRS A DAY/ MON-SAT	15 NOV 09
Manitowoc, WI	33/09	DREDGING	24 HRS A DAY / 7 DAYS	20 NOV 09
Bridgman, MI	34/09	DRILLING	24 HRS A DAY / 7 DAYS	23 OCT 09
Waukegan, IL	35/09	DREDGING	24 HRS A DAY / 7 DAYS	01 DEC 09
Manistee, MI	35/09	DREDGING	24 HRS A DAY / 7 DAYS	30 OCT 09
Kewaunee, WI	37/09	DREDGING	24 HRS A DAY / 7 DAYS	06 NOV 09
Chicago, IL	38/09	BRIDGE MAINTENANCE	VARIOUS	04 OCT 09
Chicago, IL	38/09	BRIDGE MAINTENANCE	24 HRS A DAY / 7 DAYS	01 NOV 09
Saugatuck, MI	39/09	PIER CONSTRUCTION	DAYLIGHT HOURS/ MON-SAT	31 AUG 10

GREAT LAKES - GENERAL - MARINE EVENTS – SAFETY ZONES – SECURITY ZONES

Events listed below are those events that may have accompanying special local regulations. Mariners transiting these areas should contact the U.S. Coast Guard with any questions and are asked to exercise caution when navigating through the area of the event.

Location	LNM	Events	Dates	Time (Local)	POC or Sponsor	Number
<u>LAKE ONTARIO</u>						
Oswego, NY	14/09	Oswego Yacht Club Weekly Races	MAY – DEC	1100-2200	John Gary	(315) 343-3127
Oswego, NY	14/09	Oswego Yacht Club Events	10 OCT 09	1000-1800	John Gary	(315) 343-3127
Rochester, NY	18/09	Genesee Yacht Club 2009 Racing Season	MAY – OCT	1000-1200	Dave Overy	(585) 455-0350
Rochester, NY	22/09	Rochester Yacht Club Race Season 2009	MAY-OCT	VARIOUS	Charles Ross	(585) 342-5511
<u>LAKE ERIE</u>						
None Reported						
<u>LAKE HURON</u>						
Cheboygan, MI	38/09	Change to bridge operating schedule	until 31 MAR 10	SPECIAL		(231) 627-9414
<u>LAKE SUPERIOR</u>						
Keweenaw Waterway, MI	08/09	Change to bridge operating schedule	until 15 NOV 09	SPECIAL		
<u>LAKE MICHIGAN</u>						
Chicago, IL	11/09	Bridge closures for special events	until 21 NOV 09	SPECIAL		
Sturgeon Bay, WI	23/09	Change to bridge operating schedule	until 15 NOV 09	SPECIAL		

Waterway Analysis and Management System Survey

Name of Waterway: _____

User Information

___ Commercial User

___ Recreational User

Name:

Address:

Phone:

E-mail address: _____

Company/Employer: _____

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 fell free to contact Mr. Doug Sharp at william.d.sharp@uscg.mil or (216) 902-6070 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
