



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

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**LOCAL NOTICE TO MARINERS  
WEEKLY EDITION**

**District: 9**

**Week: 45/06**

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.

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

\*\* NIS 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, 2006 Edition

Coast Pilot Reference: 2006 U.S. Coast Pilot 6 Great Lakes 35th 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 has been incorporated into this week-s Local Notice to Mariners:

Sector Buffalo, NY - B180-06 through B184-06

Ninth District - C141-06 through C147-06

Sector Detroit, MI - D185-06 through D188-06

Sector Lake Michigan, WI - M525-06 through M536-06

Sector Sault Ste Marie, MI - S194-06 through S197-06

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**ABBREVIATIONS**

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**A through I**

ACOE - Army Corps of Engineers  
ADRIFT - Buoy Adrift  
AICW - Atlantic Intracoastal Waterway  
B - Buoy  
BKW - Breakwater  
B - Refer to Light List  
BNM - Broadcast Notice to Mariner  
CG - Refer to Light List  
CHAN - Channel  
CGD - Coast Guard District  
CR - Refer to Light List  
C/O - Cut Off  
CONT - Contour  
CONSTR - Construction  
CRK - Creek  
CONST - Construction  
DBN - Daybeacon  
DBD/DAYBD - Dayboard  
DBN/DEST - Daybeacon Destroyed  
DBN IMCH - Daybeacon Improper  
Characteristic  
DISCON - Discontinued  
DMGD - Daybeacon Damaged  
EST - Established Aid

**K through M**

KBG - Refer to Light List  
KBG-I - Refer to Light List  
KBR - Refer to Light List  
KBR-I - Refer to Light List  
KBW - Refer to Light List  
KGB - Refer to Light List  
KGB-I - Refer to Light List  
KGR - Refer to Light List  
KGR-I - Refer to Light List  
KGW - Refer to Light List  
KGW-I - Refer to Light List  
KRB - Refer to Light List  
KRB-I - Refer to Light List  
KRG - Refer to Light List  
KRG-I - Refer to Light List  
KRW - Refer to Light List  
KWB - Refer to Light List  
KWB-I - Refer to Light List  
KWG - Refer to Light List  
KWG-I - Refer to Light List  
KWR - Refer to Light List  
KWR-I - Refer to Light List  
LAT - Latitude  
LB - Lighted Buoy

**N through Z**

NB - Refer to Light List  
N/C - Not Charted  
ND - Refer to Light List  
NG - Refer to Light List  
NGA - National Geospatial-Intelligence Agency  
NL - Refer to Light List  
NO - Number  
NOS - National Ocean Service  
NR - Refer to Light List  
NW - Refer to Light List  
NW - Notice Writer  
NY - Refer to Light List  
OBSCU - Obscured  
OBST - Obstruction  
OBSTR - Obstruction  
PRIV - Private Aid  
RBN - Radio Beacon  
REBUILT - Aid Rebuilt  
RECOVERED - Aid Recovered  
RED - Red Buoy  
REDINT - Reduced Intensity  
RRL - Range Rear Light  
RELIGHTED - Aid Relighted  
RELOC - Relocated

EVAL - Evaluation  
EXT - Extinguished  
FL - Flashing  
FS - Fog Signal  
HAZ - Hazard to Navigation  
HBR - Harbor  
HOR - Horizontal Clearance  
HT - Height  
ICW - Intracoastal Waterway  
IMCH - Improper Characteristic  
INL - Inlet  
INOP - Not Operating  
ISL - Islet  
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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  
LWB - Lighted Whistle Buoy  
LWP - Left Watching Properly  
MISS - Missing  
MR - Refer to Light List  
MR-I - Refer to Light List

RESET ON STATION - Aid Reset on Station  
RFL - Range Front Light  
RIV - River  
SEC - Section  
SG - Green Square  
SG-SY - Green Square with Yellow Square  
SHL - Shoaling  
SND - Sound  
TEMP - Temporary Aid Change  
St M - Statute Mile  
TR - Red Triangle  
TRLB - Temporarily Replaced by Lighted Buoy  
TRLT - Temporarily Replaced by Light  
TR-TY - Red Triangle with Yellow Triangle  
TRUB - Temporarily Replaced by Unlighted Buoy

Additional Abbreviations Specific to this LNM Edition:

DMGD - Damaged  
MSLD SIG - Misleading Signal  
REDUCED INT DAY - Burning During the Day  
SS - Sound Signal

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### SECTION I - SPECIAL NOTICES

This section contains information of special concern to the Mariner.

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#### LORAN-C OPERATIONS, LORSTA GILLETTE, WY (RATE 9610-V/8290-X)

This is a proposal to authorize LORSTA Gillette, WY (RATE 9610-V/8290) unusable time from 1600 GMT to 1800 GMT 15 November 2006. The Alternate time will be from 1600 GMT to 1800 GMT 16 November 2006. Objections will be considered until 1600 GMT 10 November 2006. Users shall address inquiries to the South-Central U.S. LORAN-C chain operations control officer (LT J. Bailey) at 703-313-5873.

LNM: 41/06

#### USACE NOTICE TO NAVIGATION INTERESTS

The following Federal Channels have conditional surveys recently completed and can be seen 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](http://www.lrc.usace.army.mil/co%2Do/Nav_Notice.htm), and the USACE Buffalo District website at: [http://www.lrb.usace.army.mil/Sebewaing River, MI - Big Bay Harbor, MI - Cedar River Harbor, MI - Frankfort Harbor, MI](http://www.lrb.usace.army.mil/SebewaingRiver,MI-BigBayHarbor,MI-CedarRiverHarbor,MI-FrankfortHarbor,MI)

LNM: 45/06

#### GREAT LAKES - Great Lakes Water Levels

The expected water levels on the Great Lakes for November 05, 2006. 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 +17, Lake Erie +18, Lake St. Clair +13, Lake Michigan-Huron -1, Lake Superior -3.

St Lawrence River:

Above Long Sault Dam +30, Above Iroquois Dam +19, Ogdensburg +20, Alexandria Bay +18, Head of River at Cape Vincent +17.

Detroit River:

Lake Erie at Pelee Passage +18, Mouth of River at Gibraltar +16, Head of River above Belle Isle +13.

St. Clair River:

Mouth of River at St. Clair Flats +13, Algonac +11, St. Clair +6, Blue Water Bridge +1, Head of River at Fort Gratiot -1, Lake Huron

Approach Channel -1.

St. Marys River:

Mouth of River at Detour -1, West and Middle Neebish +0, Head of Little Rapids -3, Below Locks -4, Above Locks -2, Head of River at Point Iroquois -3

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 Atmosphere 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: 44/06

**The Dates of Latest Editions, Nautical Charts and Miscellaneous Maps**

The Dates of Latest Editions, Nautical Charts and Miscellaneous Maps, dated October 1, 2006, published by the National Ocean Service, is available for issue. It may be obtained 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: 43/06

**LAKE MICHIGAN - Ludington Harbor - Shoaling - Chart 14937**

Shoaling has been reported in Ludington Harbor Channel, in view of Ludington South Pierhead Light 6 (LLNR 18560). Depths were reported as shallow as 14 feet along the south edge of the channel and 24 feet mid-channel.

LNM: 27/06

**LAKE MICHIGAN - Waukegan Harbor, IL - Shoaling - Chart # 14904**

Shoaling has been reported in the Waukegan Harbor Channel. The shoaling protrudes approximately 200 feet into the channel from the north. Available depths have been reduced to 10 feet southeast of the Waukegan North Breakwater.

LNM: 38/06

**LAKE MICHIGAN - WI - Milwaukee Harbor - Menomonee River - Chart 14917**

A submerged barge is partially obstructing the channel at mile 1.7 of the Menomonee River. The barge is located on the north bank and protrudes approximately 40 feet into the navigable channel. Mariners are advised to transit the area with caution.

LNM: 38/06

**ST MARYS RIVER - Sault Ste. Marie, MI - Repairs - Chart 14884**

The Ryba Marine Construction Co. will be repairing the southern face of the West Center Pier. Work will commence on 01 May thru 01 Dec 2006. There will be underwater obstructions at the southern face of the pier. Mariners are asked to keep a 50 foot clearance and transit the area with caution. The vessel Kathy Lynn can be contacted on VHF-FM Ch. 16 & 13. Questions and concerns should be directed to Darrell Wallace at 231-627-4333.

LNM: 17/06

**LAKE SUPERIOR - MN - Saint Louis River, Stryker Bay Safety Zone, Chart 14975**

A safety zone has been established until 8:00 a.m. on 30 November 2006 at the Saint Louis River/Interlake/Duluth Tar Superfund Site. The safety zone encompasses all of Stryker Bay, Hallett Slips 6 & 7, and the portion of the Saint Louis River enclosed by the following boundary: From the shoreline at 46° 43'10.00"N, 092° 10'31.66-W, then south to 46° 43'06.24"N, 092° 10'31.66-W, then east to 46° 43'06.24"N, 092° 09'41.76-W, then north to the shoreline at 46° 43'10.04"N, 092° 09'41.76-W. These coordinates are based upon North American Datum 1983. Vessel entry into or transit through this zone is prohibited without permission of the Captain of the Port.

LNM: 24/06

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**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.

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**DISCREPANCIES (FEDERAL AIDS)**

LLNR	Aid Name	Status	Chart No.	BNM Ref.	LNM St	LNM End
2180	SODUS BAY EAST PIER LIGHT 1	DBD DMGD/DBD DEST	14814	B184-06	45/06	
3420	DUNKIRK HARBOR BUOY 3	OFF STA	14823	B181-06	45/06	
5575	KELLEYS ISLAND BUOY 1	OFF STA	14844	D172-06	41/06	
5825	ERIE PROVING GROUND BUOY K	MISSING	14830	D184-06	44/06	
5875	PORT CLINTON CHANNEL BUOY 1	ADRIFT	14842		44/06	

10065	LAKE HURON CUT LIGHT 7	SS INOP	14865	D133-06	32/06
10960	SAGINAW RIVER BUOY 55	MISSING	14867	D180-06	43/06
13750	WEST NEEBISH CHANNEL (DOWNBOUND) LIGHTED BUOY 2	LT EXT	14883	S195-06	44/06
14490	PT IROQUOIS SHOAL LIGHTED BELL BUOY 39	LT EXT	14884	S197-06	45/06
21300	PORTE DES MORTS ENTRANCE LIGHTED BELL BUOY	LT EXT	14909	M535-06	45/06
21305	PLUM ISLAND RANGE FRONT LIGHT	LT EXT	14909	M534-06	45/06

**DISCREPANCIES (FEDERAL AIDS) CORRECTED**

LLNR	Aid Name	Status	Chart No.	BNM Ref.	LNM St	LNM End
3455	DUNKIRK HARBOR EAST INNER BREAKWATER WEST END LIGHT 1	WATCHING PROPERLY	14823	B182-06	45/06	45/06
6090	MAUMEE BAY LIGHTED BUOY 10	WATCHING PROPERLY	14847	D185-06	45/06	45/06
6135	MAUMEE BAY LIGHTED BUOY 17	WATCHING PROPERLY	14847	D185-06	35/06	45/06
7965	TRENTON CHANNEL LIGHTED BUOY 5	WATCHING PROPERLY	14853	D188-06	45/06	45/06
10560	SAGINAW BAY CHANNEL RANGE REAR LIGHT	WATCHING PROPERLY	14867		45/06	45/06
15855	DULUTH HARBOR NORTH PIER LIGHT	WATCHING PROPERLY	14975	S196-06	45/06	45/06
18530	LUDINGTON NORTH BREAKWATER LIGHT	WATCHING PROPERLY	14937	M536-06	45/06	45/06
19515	ST JOSEPH NORTH PIERHEAD LIGHT	WATCHING PROPERLY	14930	M126-06	35/06	45/06
20650	MILWAUKEE SOUTH ENTRANCE LIGHT 1	WATCHING PROPERLY	14924	M525-06	44/06	45/06
21625	ELEVEN FOOT SHOAL LIGHTED BELL BUOY 6	WATCHING PROPERLY	14908	M509-06	41/06	45/06

**DISCREPANCIES (PRIVATE AIDS)**

LLNR	Aid Name	Status	Chart No.	BNM Ref.	LNM St	LNM End
3185	NORTH TONAWANDA INTAKE CRIB LIGHT	LT EXT	14832		45/06	
3275	LASALLE YACHT CLUB PIER EAST LIGHT	MISSING	14832	B079-06	25/06	
3280	LASALLE YACHT CLUB PIER WEST LIGHT	MISSING	14832	B079-06	25/06	
3300	NIAGARA FALLS TRANSMISSION LINE LIGHT C	LT IMCH	14832	B081-06	25/06	
3905	PAINESVILLE INNER INTAKE CRIB LIGHTED BUOY 1	MISSING	14837		42/06	
4035	CLEVELAND INTAKE LIGHTED BUOY	LT IMCH	14826	B093-06	26/06	
6415	WALBRIDGE PARK REAR RANGE LIGHT	LT EXT	14846	D136-06	32/06	
8350	WATERWORKS INTAKE CRIB LIGHT	LT EXT	14853	D147-06	36/06	
9165	SELFRIDGE LAUNCH FACILITY BUOY 1	OFF STA	14853	D060-06	20/06	
9840	RECORDS POINT DOCK LOWER LIGHT	LT EXT	14853	D080-06	25/06	
16570	BEAVER ISLAND LIGHT	SS IMCH	14967		27/06	
18925	CONSERVATION CLUB CHANNEL LIGHTED BUOY 1	HAZ NAV	14934	M172-06	23/06	
18930	CONSERVATION CLUB CHANNEL LIGHTED BUOY 2	HAZ NAV	14934	M172-06	23/06	
18935	CONSERVATION CLUB CHANNEL LIGHTED BUOY 3	HAZ NAV	14934	M172-06	23/06	
18940	CONSERVATION CLUB CHANNEL BUOY 4	HAZ NAV	14934	M172-06	23/06	
19575	BAILEYTOWN WATER INTAKE CRIB LIGHT	LT EXT	14926		41/06	
19885	JACKSON PARK INNER HARBOR LIGHT 6	LT EXT	14926	M506-06	40/06	
20135	WILSON AVENUE INTAKE CRIB LIGHT	LT EXT	14926	M526-06	45/06	
20235	WILMETTE HARBOR ENTRANCE SOUTH LIGHT	LT EXT	14926	M515-06	42/06	
20775	PORT WASHINGTON SOUTH PROJECTION JETTY LIGHT	LT EXT	14904	M393-06	36/06	

**DISCREPANCIES (PRIVATE AIDS) CORRECTED**

LLNR	Aid Name	Status	Chart No.	BNM Ref.	LNM St	LNM End
20360	ZION INTAKE WEST LIGHT	Correction Status Unreported	14904	M357-06	33/06	45/06
20388	NORTHPOINT MARINA REEF OBSTRUCTION LIGHTED BUOY C	Correction Status Unreported	14904	M330-06	31/06	45/06
20490	RACINE EAST HARBOR ENTRANCE LIGHT 2	Correction Status Unreported	14925	M507-06	41/06	45/06
20755	MICKINLEY MARINA LIGHT 1	Correction Status Unreported	14924	M453-06	40/06	45/06

#### PLATFORM DISCREPANCIES

Name	Status	Position	BNM Ref.	LNM St	LNM End
None					

#### PLATFORM DISCREPANCIES CORRECTED

Name	Status	Position	BNM Ref.	LNM St	LNM End
None					

### SECTION III - TEMPORARY CHANGES and TEMPORARY CHANGES CORRECTED

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

#### TEMPORARY CHANGES

LLNR	Aid Name	Status	Chart No.	BNM Ref.	LNM St	LNM End
2075	OSWEGO HARBOR EAST BREAKWATER LIGHT	DISCONTINUED	14813	B168-06	39/06	
11345	STURGEON POINT LIGHT	TRLT	14864	D113-06	30/06	
11390	ALPENA JUNCTION LIGHTED BUOY AL	TRLB	14864		40/06	
18375	FRANKFORT NORTH BREAKWATER LIGHT	ESTABLISHED	14939	M407-06	38/06	
20680	MENOMONEE RIVER OBSTRUCTION LIGHTED BUOY	ESTABLISHED	14924		31/06	
21145	STURGEON BAY SHIP CANAL LIGHTED BUOY 18	DISCONTINUED FOR DREDGING	14919	M359-06	33/06	
21305	PLUM ISLAND RANGE FRONT LIGHT	TRLT	14909	M231-04	33/04	

#### TEMPORARY CHANGES CORRECTED

LLNR	Aid Name	Status	Chart No.	BNM Ref.	LNM St	LNM End
15700	SUPERIOR FRONT CHANNEL RANGE REAR LIGHT	Reestablished	14975	S173-06	38/06	45/06

#### 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
<i>Chart Title:</i> NY-NJ-NEW YORK HARBOR - RARITAN RIVER						
<i>Main Panel</i> 2245 NEW YORK HARBOR						
(Temp) ADD	NATIONAL DOCK CHANNEL BUOY 3				CGD01 at 40-41-09.001N 074-02-48.001W	
Corrective Action	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.

<b>14820</b>	<b>21st Ed.</b>	<b>01-OCT-05</b>	<b>Last LNM: 42/05</b>	<b>NAD 83</b>		<b>45/06</b>
<i>Chart Title:</i> <b>Lake Erie (includes Metric version)</b>						
<b>Main Panel 1134 LAKE ERIE. Page/Side: N/A</b>						
CHANGE	(Sandusky Harbor Breakwater Light LLNR 4560) From BKW LT Oc 4s 9m 14 NM HORN To BKW LT FI W 6s 9m 10 NM HORN at				CGD09 41-29-57.148N	082-40-28.880W
<b>14830</b>	<b>31st Ed.</b>	<b>01-JUN-04</b>	<b>Last LNM: 30/06</b>	<b>NAD 83</b>		<b>45/06</b>
<i>Chart Title:</i> <b>West End of Lake Erie;Port Clinton Harbor;Monroe Harbor;Lorain to Detroit River (Metric);Vermilion</b>						
<b>Main Panel 1151 WEST END OF LAKE ERIE MICHIGAN . Page/Side: E</b>						
CHANGE	(Sandusky Harbor Breakwater Light LLNR 4560) From SANDUSKY BKW LT Oc 4s 30ft 17 St M HORN To SANDUSKY BKW LT FI W 6s 30ft 12 St M HORN at				CGD09 41-29-57.148N	082-40-28.880W
<b>14842</b>	<b>14th Ed.</b>	<b>01-AUG-04</b>	<b>Last LNM: 30/06</b>	<b>NAD 83</b>		<b>45/06</b>
<i>Chart Title:</i> <b>SMALL-CRAFT BOOK CHART - Port Clinton to Sandusky, including the Islands (book of 35 charts)</b>						
<b>Extension 1169 SOUTH SHORE OF LAKE SANDUSKY BAY 8. Page/Side: 8</b>						
CHANGE	(Sandusky Harbor Breakwater Light LLNR 4560) From SANDUSKY BKW LT Oc 4s 30ft 17 St M HORN To SANDUSKY BKW LT FI W 6s 30ft 12 St M HORN at				CGD09 41-29-57.148N	082-40-28.880W
<b>14844</b>	<b>32nd Ed.</b>	<b>01-FEB-04</b>	<b>Last LNM: 30/06</b>	<b>NAD 83</b>		<b>45/06</b>
<i>Chart Title:</i> <b>Islands in Lake Erie;Put-In-Bay</b>						
<b>Main Panel 1208 ISLANDS IN LAKE ERIE . Page/Side: N/A</b>						
CHANGE	(Sandusky Harbor Breakwater Light LLNR 4560) From SANDUSKY BKW LT Oc 4s 30ft 17 St M HORN To SANDUSKY BKW LT FI W 6s 30ft 12 St M HORN at				CGD09 41-29-57.148N	082-40-28.880W
<b>14845</b>	<b>27th Ed.</b>	<b>01-NOV-03</b>	<b>Last LNM: 34/05</b>	<b>NAD 83</b>		<b>45/06</b>
<i>Chart Title:</i> <b>Sandusky Harbor</b>						
<b>Main Panel 1210 SANDUSKY HARBOR . Page/Side: N/A</b>						
CHANGE	(Sandusky Harbor Breakwater Light LLNR 4560) From Sandusky Pierhead Lt Oc 4s 30ft 17 St M HORN To Sandusky Pierhead Lt FI W 6s 30ft 12 St M HORN at				CGD09 41-29-57.148N	082-40-28.880W
<b>14902</b>	<b>29th Ed.</b>	<b>01-JAN-05</b>	<b>Last LNM: 36/06</b>	<b>NAD 83</b>		<b>45/06</b>
<i>Chart Title:</i> <b>North end of Lake Michigan, including Green Bay</b>						
<b>Main Panel 1362 NORTH END OF LAKE MICHIGAN INCLUDING GREEN BAY. Page/Side: N/A</b>						
ADD	Security Zone PT 2 OF 4; SECURITY ZONE 165.928 (see note A); (Chart No. 1: N1.2 or N2.2) (NOS NW-13275)				NOS 45-50-50.900N	084-43-42.300W

ADD	Security Zone PT 3 OF 4; SECURITY ZONE 165.928 (see note A); (Chart No. 1: N1.2 or N2.2) (NOS NW-13275)	NOS 45-47-14.900N	084-43-38.700W
ADD	Security Zone PT 4 OF 4; SECURITY ZONE 165.928 (see note A); (Chart No. 1: N1.2 or N2.2) (NOS NW-13275)	NOS 45-50-54.000N	084-43-03.700W

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**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.

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SUMMARY OF ADVANCED APPROVED PROJECTS

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

**LAKE ERIE - Ashtabula Harbor - Chart 14836**

The following buoys will be replaced with experimental lighted ice buoys for year round use. The buoys are lighted spar buoys. Characteristics will remain the same. The nominal range of the light will be 3 miles.

- Ashtabula Harbor Lighted Buoy -3- (LLNR 3765)
- Ashtabula Harbor Junction lighted Buoy -A- (LLNR 3770)
- Ashtabula East Basin Lighted Buoy -1- (LLNR 3780)
- Ashtabula East Basin Lighted Buoy -2- (LLNR 3785)
- Ashtabula River Lighted Buoy -2- (LLNR 3795)

LNM: 43/06

**LAKE ERIE - Eastern Lake Erie - Chart 14820**

Change the Decommissioning date to December 01 for the following aids:

- Buffalo Harbor Traffic Lighted Bell Buoy B (LLNR 2665)
- Buffalo Harbor North Entrance Channel Lighted Bell Buoy 1 (LLNR 2690)
- Buffalo Harbor North Entrance Channel Lighted Buoy 2 (LLNR 2695)
- Buffalo Harbor North Entrance Channel Lighted Buoy 4 (LLNR 2700)
- Seneca Shoal Lighted Buoy 2 (LLNR 3360)
- Erie Harbor Entrance lighted Bell Buoy 1 (LLNR 3515)
- Erie Harbor Entrance Lighted Buoy 2 (LLNR 3520)
- Erie Harbor Entrance Lighted Buoy 5 (LLNR3535)
- Erie Harbor Lighted Buoy 9 (LLNR 3575)
- Erie Harbor Lighted Buoy 10 (LLNR 3580)
- Erie Harbor Lighted Buoy 11 (LLNR 3585)
- Erie Harbor Lighted Buoy 12 (LLNR 3590)
- Erie Harbor Lighted Buoy 13 (LLNR 3595)
- Erie Harbor Lighted Buoy 14 (LLNR 3596)

LNM: 43/06

**LAKE HURON - Alpena - Chart 14864**

Alpena Light (LLNR 11370) Change the light characteristic from FI R 5s to FI R 6s. Reduce the nominal range from 14 to 12 miles. Energize the fog signal by keying VHF Marine radio on channel 79 five times.

LNM: 07/06

**LAKE HURON - Port Austin - Chart 14863**

Shoal Buoy 1 (LLNR 10280) change decommissioning date to 01 December.

LNM: 40/06

**LAKE HURON - Saginaw Bay Channel - Chart 14867**

Saginaw Bay Channel Lighted Buoys 2,3,4,5,6,7,8,9, and 10 (LLNR's 10575,10590,10595,10600,10605,10610,10615,10620,and 10625) change the decommissioning date to 07 December.

LNM: 40/06

**LAKE MICHIGAN - Muskegon Lake - Chart 14934**

Muskegon South PHD LT (LLNR 18710) reduce the nominal range of the light from 10 to 6 miles.

LNM: 20/05

**LAKE MICHIGAN - St. Joseph - Chart 14930**

St. Joseph North Pier Inner Light (LLNR 19520) discontinue light.

LNM: 40/06

**LAKE MICHIGAN - Manistee - Chart 14938**

Manistee North Pierhead Light (LLNR 18450) reduce the nominal range of the light from 15 to 12 miles. Energize the fog signal by keying VHF Marine radio on channel 79 five times.

LNM: 07/06

**LAKE MICHIGAN -Sturgeon Bay and Canal - chart 14919**

Due to dredging and the construction of the Oregon to Maple Street bridge the following changes to the aids to navigation are proposed. See Sturgeon bay Ship Canal Enclosure (6).

Discontinue Sturgeon Bay Ship Canal LB "18" (LLNR 21145)

Establish Sturgeon bay Ship Canal Lighted Buoy "16A" (LLNR 21117) in position 44-49'35.28N 087-22'19.14W

Establish Sturgeon Bay Ship Canal Buoy "15A" (LLNR 21119) in position 44-49'38.40N 087-22'37.20W

Move Sturgeon Bay Ship Canal Buoy "17" (LLNR 21120) to position 44-49'38.40N 087-22'37.20W change the buoy to a lighted buoy with the characteristic Q G with a 3 mile range

Move Sturgeon Bay Ship Canal Leading Light (LLNR 21105) from its current location on the Michigan St. Bridge to the new Oregon/Maple Street bridge.

Discontinue Sturgeon Bay Ship Canal Buoy "17A "(LLNR 21125)

Move Sturgeon Bay Ship canal Buoy "19" (LLNR 21150) to position 44-50'01.7N 087-22'59.9W

LNM: 43/06

**LAKE SUPERIOR - Ontonagon Harbor W. Pierhead Light, On-Demand Fog Signal - Chart 14965**

The Coast Guard will solarize and install an on-demand fog signal system in Ontonagon Harbor W. Pierhead Light (LLNR 15225). Energize the fog signal by keying VHF Marine radio on channel 79 five times.

LNM: 11/05

**LAKE SUPERIOR - Two Harbors East Breakwater Light, On-Demand Fog Signal - Chart 14965**

The Coast Guard will solarize and install an on-demand fog signal system in Two Harbors East Breakwater Light (LLNR 16505). Energize the fog signal by keying VHF Marine radio on channel 79 five times.

LNM: 12/05

**LAKE SUPERIOR - Keweenaw Waterway - Chart 14972**

Lower Entrance Light (LLNR 14765) reduce nominal range of light from 15 to 12 statute miles. Energize the fog signal by keying VHF marine radio on channel 79 five times.

LNM: 02/06

**LAKE SUPERIOR-Duluth-Superior Harbor-Chart 14975**

Change the nominal range of the light on these aids from 4 to 3 miles:  
St. Louis South Channel (eastern Section) Lighted Buoy "2A" (LLNR 16070)  
St Louis Bay Cross Channel Lighted Buoy "6" (LLNR 16105)

LNM: 32/06

**LAKE SUPERIOR - Grand Marais - Chart 14967**

Grand Marais Harbor of Refuge Outer Light (LLNR 14550) Activate the fog signal by keying VHF Marine radio on channel 79 five times.

LNM: 30/06

**LAKE SUPERIOR - Keweenaw Waterway - Chart 14972**

Change the following buoys from year round to seasonally maintained from 07 May to 15 November:

(LLNR 14875)	Keweenaw Waterway Buoy 24
(LLNR 14937)	Keweenaw Waterway Buoy 30A
(LLNR 14955)	Keweenaw Waterway Buoy 34
(LLNR 14985)	Keweenaw Waterway Buoy 40
(LLNR 15000)	Keweenaw Waterway Buoy 44
(LLNR 15005)	Keweenaw Waterway Buoy 46
(LLNR 15035)	Keweenaw Waterway Buoy 52
(LLNR 15050)	Keweenaw Waterway Buoy 54
(LLNR 15060)	Keweenaw Waterway Buoy 56
(LLNR 15065)	Keweenaw Waterway Buoy 57
(LLNR 15070)	Keweenaw Waterway Buoy 59
(LLNR 15075)	Keweenaw Waterway Buoy 60
(LLNR 15090)	Keweenaw Waterway Buoy 63

LNM: 32/06

**LAKE SUPERIOR - Beaver Bay to Pigeon - chart 14967**

Hat Point Gong Buoy "1" (LLNR 16650) change the buoy to Lighted Bell Buoy with a lighted characteristic Fl G 4s with a range of 3 miles.  
LNM: 43/06

**LAKE SUPERIOR - Grand Portage to Shesheeb Point - chart 14968**

Passage Island Light (LLNR16835) Operate the fog signal with a user activated system operated by keying the VHF channel 79A five times to energize.  
LNM: 43/06

**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			

**LAKE ERIE - Lorain Harbor, OH - Chart 14841**

Lorain Harbor Light (LLNR 4320) reduce the range of the light from 21 miles to 12 miles. Operate the fog signal by keying VHF marine radio channel 79A five times.  
LNM: 41/06

**LAKE ERIE - Lorain hHarbor - Chart 14841**

Lorain Harbor buoy -3- (LLNR 4340) change the buoy to a seasonal aid from 15 April to 15 Nov.  
LNM: 43/06

**LAKE HURON - Saginaw River - Chart 14867**

Discontinue winter marks for the following Lighted Buoys:

- Saginaw Bay Channel LB -3- (LLNR 10590)
- Saginaw Bay Channel LB -4- (LLNR 10595)
- Saginaw Bay Channel LB -7- (LLNR 10610)
- Saginaw Bay Channel LB -8- (LLNR 10615)
- Saginaw Bay Channel LB -13- (LLNR 10650)
- Saginaw Bay Channel LB -14- (LLNR 10655)
- Saginaw bay Channel LB - 17- (LLNR 10670)
- Saginaw Bay Channel LB -18- (LLNR 10675)

LNM: 45/06

**LAKE HURON - Harrisville to Forty Mile Point - Chart 14864**

Sturgeon Point Light (LLNR 11345) change to seasonal private aid, operating from 01 April to 01 November. Characteristics and range will remain the same.  
LNM: 41/06

**LAKE MICHIGAN - Chicago harbor - Chart 14928**

Chicago Harbor Light (LLNR 19960) - Reduce the nominal range of the light from 24 to 15 miles. Discontinue the floodlights. Operate the fog signal with a user activated system by keying VHF marine radio frequency 79A five times.  
LNM: 39/06

**LAKE MICHIGAN - Waukegan to South Haven - chart 14905**

Michigan city East Pierhead Light (LLNR 19545) change the operation of the Fog Signal to a user activated system. Operate the fog signal by keying the VHF marine radio frequency 79A five times.  
LNM: 39/06

**LAKE SUPERIOR - Duluth-Superior Harbor - Chart 14975**

St. Louis Bay South Channel (Eastern Section) buoy " 2" (LLNR 16065) move to mark shoal to approximate position:  
(46 44' 54.48"N, 092 06' 20.82"W)  
St. Louis Bay Cross Channel Buoy "4" (LLNR 16100) discontinue the buoy  
St. Louis Bay Cross Channel Buoy "7" (LLNR 16110) discontinue the buoy

LNM: 40/06

**LAKE SUPERIOR - Keweenaw Waterway - Chart 14972**

Keweenaw Waterway Lower Entry Light (LLNR 14765) change the characteristic from Oc W 4s to Fl W 6s. Reduce the nominal range of the light from 15 to 12 miles. Operate the fog signal by keying VHF Marine Radio Channel 79A five times.

LNM: 40/06

**LAKE SUPERIOR - Big Bay to Redridge - Chart 14964**

Eagle Harbor Light (LLNR 15195) change the sector of the light from 331-067 degrees to 331-151 degrees. The light would be obscured from 151-331 degrees.

LNM: 43/06

**MINNESOTA - ONTARIO BORDER LAKES - Big Traverse Bay - Warroad - Chart 6211(C)**

Warroad Jetty Light "4" (LLNR 17010) change the nominal range from 4 to 3 miles.

LNM: 45/06

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

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

**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 - 2006**

The Coast Guard is conducting a Waterways Analysis and Management System Study on the following waterways during 2006. 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 provide comments or participate in a user survey should contact the office listed below each study area.

Lake Erie - Monroe Harbor - chart -14830  
Contact: Commanding Officer  
USCGC Bristol Bay (WTGB 102)  
110 Mt. Elliot Ave.  
Detroit, MI. 48207-4380  
Phone: (313) 568-9548

Lake Erie - Toledo Harbor/Maumee Channel - chart - 14846  
Lake Huron - Tawas Bay - chart - 14863  
Contact: Commander (ATON Officer)  
U.S. Coast Guard Sector Detroit  
110 Mt. Elliot Ave.  
Detroit, MI 48207-4380  
Phone (313) 568-9523

LNM: 01/06

**\*\*\*\*\* REVISED LNM 45/06 \*\*\*\*\***

**LAKE ERIE - NY - Buffalo Harbor, Bridge Maintenance, Chart 14832**

Contractors will be performing structural repairs of the South Grand Island Bridges over the Niagara River near Tonawanda, NY through December 31, 2006. Scaffolding will be suspended below the bridge spans that will reduce vertical clearances by approximately five feet. During daylight hours, a 16- by 32- barge powered by a workboat will ferry construction materials from the shoreline to the bridges. At night, the barge and boat will be lighted and moored to a temporary dock located between the bridges along the south side of the river. Mariners are advised to use caution when transiting past the bridge. [11/05] [45/06]

LNM: 45/06

**LAKE ERIE - OH - Toledo Harbor, Scheduled Bridge Maintenance, Chart 14847**

A construction barge will be placed under the north span of the Craig Memorial Bridge at Mile 3.30 over the Maumee River until November 15,

**LAKE ERIE - OH - Toledo Harbor, Scheduled Bridge Maintenance, Chart 14847**

2006. The barge will remain clear of the navigational channel. At night, the barge will be lighted and moored adjacent to the north river bank.

LNM: 45/06

\*\*\*\* REVISED LNM 45/06 \*\*\*\*

**LAKE MICHIGAN - IL - Chicago Harbor, Scheduled Bridge Rehabilitation, Chart 14926, Page 22**

Structural rehabilitation will be conducted at the Chicago Avenue Bridge at Mile 2.40 over the North Branch of the Chicago River through November 22, 2006. Normal work hours will be from 0700 until 1500, Monday through Friday. During work hours, two construction barges will be placed below the bridge structure. The barges will move for transiting marine traffic if two-hour advance notice is provided by contacting the crew on Channel 16, Marine Radio or cell phone: (312) 747-2470, or (312) 745-3115. After work hours, the barges will be moored adjacent to the river banks on the south side of the bridge and will be lighted. Mariners are urged to pass with caution. [43/06] [45/06]

LNM: 45/06

**LAKE MICHIGAN - IL - Chicago Harbor, Scheduled Bridge Rehabilitation, Chart 14926, Page 23**

A construction barge (40 x 120) will be under the northwest side of the Canal Street Bridge at Mile 3.88 of the South Branch of the Chicago River until April 10, 2007. The barge will be moored adjacent to the bank and will be lighted at night. Mariners are urged to pass with caution.

LNM: 45/06

**LAKE MICHIGAN - IL - Chicago/Calumet Harbors, Scheduled Inspection, Corps of Engineers Illinois Waterway Navigation Chart (#18982), Map #134**

Contractors will paint the Ridgeland Avenue Bridge at Mile 20.47 over the Cal-Sag Channel. A support cable will be suspended approximately 10 inches below the bottom flange of the bridge. Scaffolding will be suspended below the cable intermittently and may be present from 0800 through 1600, Monday through Saturday through December 1, 2006. The scaffolding will be removed if 15-minute advance notice is provided by contacting the painting crew on Marine Radio, Channel 16 or cell phone: (847) 878-6998. No equipment will be placed in the waterway and a spotter will watch for vessel traffic at any time that the scaffolding is in use. Mariners are urged to pass with caution.

LNM: 45/06

**LAKE MICHIGAN - WI - Milwaukee Harbor, Scheduled Bridge Rehabilitation, Chart 14924**

Rehabilitation continues at the I-794 (East-West Expressway) Bridge at Mile 1.26 over the Milwaukee River. Rafted work barges (80- x 40') supporting a man-lift will be placed under the west side of the bridge November 1-30, 2006. Normal work hours will be from 0600 through 1730, Monday through Saturday. The barge will move for transiting marine traffic with 2-hour advance notice and may be contacted on Marine Radio, Channel 16 or cell phone: (262) 470-0102. When not in use, the barge will be lighted and moored to the west riverbank.

LNM: 45/06

**GREAT LAKES - GENERAL - MARINE EVENTS**

Events listed below are those events that do not have accompanying special local regulations. Mariners transiting these areas are not required to contact the U.S. Coast Guard, but are asked to exercise caution when navigating through the area of the event. Summary located in Enclosure (2)

**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
4560	SANDUSKY HARBOR BREAKWATER LIGHT	41-29-57.148N 082-40-28.880W	Fl W 6s	30 9	12	White cylindrical tower with green band.	Operates from Apr. 1 to Dec. 1. 45/06 HORN: 1 blast ev 30s (3s bl-27s si). Key Ch. 79 five times to energize fog signal.
21435	ST MARTIN ISLAND SHOAL LIGHTED BUOY 2 Marks south side of shoal.	45-26-40.285N 086-45-13.360W	Fl R 2.5s	*	4	Red.	Maintained from Apr. 21 to Nov. 14. 45/06

**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) NOTICE TO NAVIGATION INTERESTS**

[Document1.pdf](#)  
Frankfort Harbor, MI - Condition of Channel

**(4) LAKE MICHIGAN - Sturgeon Bay and Canal**

[image \(5\).pdf](#)  
Proposed Changes to Navigation

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John E. Crowley, JR  
Rear Admiral, U. S. Coast Guard  
Commander, Ninth Coast Guard District

**SUMMARY OF DREDGING/CONSTRUCTION OPERATIONS IN EFFECT**

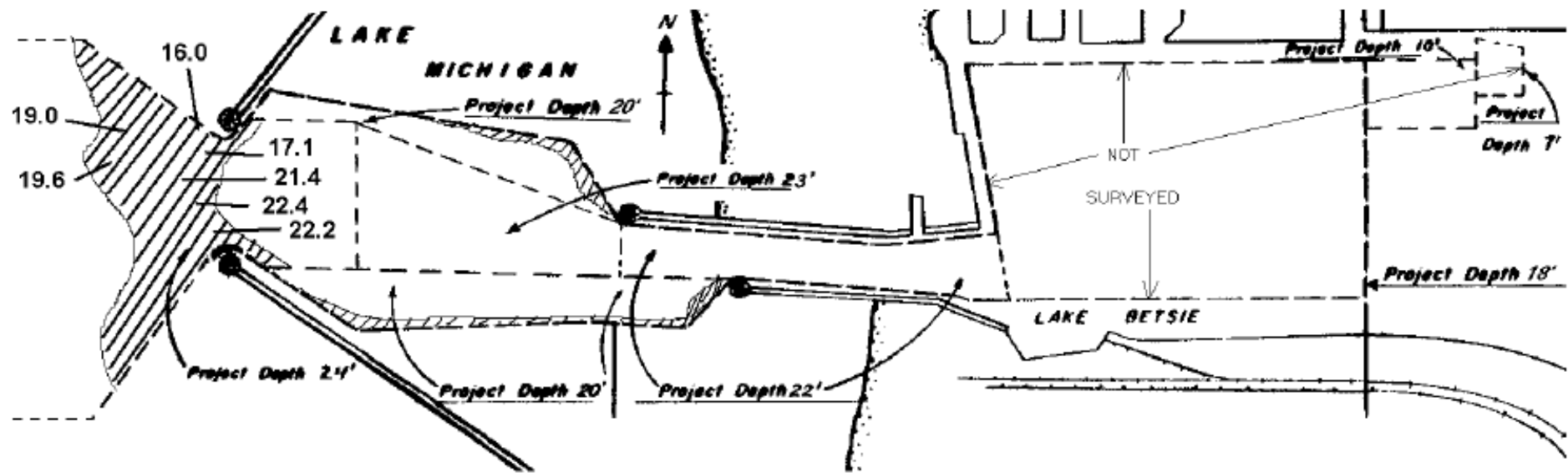
The LNM column is where the entry originally appeared and where detailed information may be obtained. The dates listed for completions are tentative.

<b>Location</b>	<b>LNM</b>	<b>Subject</b>	<b>Hours / Days</b>	<b>Until</b>
<b><u>LAKE ONTARIO</u></b>				
Irondequoit Bay, NY	42/06	BRIDGE CLOSURE FOR WINTER SEASON	24 HRS/ 7 DAYS A WK	02 APR 07
<b><u>LAKE ERIE</u></b>				
Ottawa County, OH	28/06	SUBMARINE ELECTRICAL CABLE REMOVAL/ REPLACE	DAYLIGHT HRS/ MON – SAT	01 DEC 06
Lorain Harbor, OH	31/06	STRIKE OBSTRUCTION REMOVAL	24 HRS/ 7 DAYS A WK	TBD
Fairport Harbor, OH	35/06	SHORE PROTECTION	24 HRS/ 7 DAYS A WK	31 DEC 06
Toledo Harbor, OH	35/06	SCAFFOLDING BELOW THE BRIDGE	VARIOUS	01 MAY 07
Toledo Harbor, OH	36/06, 41/06	BRIDGE MAINTENANCE	0630-1630/ MON-THUR	31 DEC 06
Toledo Harbor, OH	41/06	BRIDGE REHABILITATION	VARIOUS	15 MAR 07
Buffalo Harbor, NY	11/05, 45/06	BRIDGE MAINTENANCE	VARIOUS	31 DEC 06
Toledo Harbor, OH	45/06	SCHEDULED INSPECTION	0800-1600/MON-SAT	01 DEC 06
<b><u>LAKE ST. CLAIR</u></b>				
Port Huron Harbor, MI	42/06	SCHEDULED BRIDGE REHABILITATION	24 HRS/ 7 DAYS A WK	15 MAR 07
<b><u>STRAITS OF MACKINAC</u></b>				
Straits of Mackinac	21/04	BRIDGE MAINTENANCE - PAINTING	VARIOUS	DEC 06
Straits of Mackinac	25/06	DREDGING AND SHORLINE PROTECTION	0600-2200/ MON-FRI	01 DEC 06
<b><u>LAKE HURON</u></b>				
Caseville, MI	20/06	DREDGING, DIVING, UNDERWATER CONSTRUCTION	24 HRS/ 7 DAYS A WK	09 DEC 06
Cheboygan Harbor, MI	44/06	WINTER OPERATING SCHEDULE	VARIOUS	31 MAR 06
<b><u>LAKE MICHIGAN</u></b>				
Chicago Harbor, IL	11/06	SCHEDULED BRIDGE CLOSURES	VARIOUS	23 NOV 06
Chicago Harbor, IL	11/06, 12/06	SCHEDULED BRIDGE PAINTING	0700-1800/ MON – SAT	TBD
Burns Harbor, IL	27/06	SCHEDULED BRIDGE DEMOLITION	VARIOUS	TBD
Grand Haven Harbor, MI	35/06	SCHEDULED REHABILITATION OF BRIDGE	VARIOUS	13 NOV 06
Milwaukee Harbor, WI	35/06, 41/06	EXTENDED CONSTRUCTION	VARIOUS	01 DEC 06
Milwaukee Harbor, WI	42/06	WINTER BRIDGE OPERATING SCHEDULE	VARIOUS	01 APR 07
Ontonagon Harbor, MI	40/06, 42/06	SCHEDULED BRIDGE REMOVAL	0600-2000/ MON – SAT	27 OCT 06
Waukegan Harbor, IL	42/06	HYDRAULIC PIPELINE DREDGING	24 HRS/ 7 DAYS A WK	15 NOV 06
Ludington Harbor, MI	42/06	HYDRAULIC PIPELINE DREDGING	24 HRS/ 7 DAYS A WK	22 NOV 06
Sturgeon Bay Ship Canal, WI	43/06	SCHEDULED BRIDGE CONSTRUCTION	VARIOUS	15 MAR 06
Chicago Harbor, IL	43/06	CONTINUED BRIDGE REHABILITATION	VARIOUS	15 NOV 06
Chicago Harbor, IL	44/06	SCHEDULED BRIDGE INSPECTIONS	0900-1500/ MON – FRI	16 NOV 06
Chicago/Calumet Harbors, IL	44/06	SCHEDULED INSPECTION	0900-1500	09 NOV 06
Milwaukee Harbor, WI	44/06	SCHEDULED MAINTENANCE	0600-1730/ MON – SAT	17 NOV 07
Milwaukee Harbor, WI	44/06	WINTER BRIDGE OPERATING SCHEDULE	VARIOUS	14 APR 07
Chicago Harbor, IL	43/06, 45/06	SCHEDULED BRIDGE REHABILITATION	0700-1500/ MON-FRI	22 NOV 06
Chicago Harbor, IL	45/06	SCHEDULED BRIDGE REHABILITATION	VARIOUS	10 APR 07
Milwaukee Harbor, WI	45/06	SCHEDULED BRIDGE REHABILITATION	0600-1730/MON-SAT	30 NOV 06
<b><u>ST. MARY'S RIVER</u></b>				
Sault Ste. Marie, MI	17/06	PIER REPAIRS	0700-1900/ MON – SAT	01 DEC 06
Sault Ste Marie, MI	35/06	HYDRAULIC PIPELINE DREDGING	24 HRS/ 7 DAYS A WK	15 NOV 06
<b><u>LAKE SUPERIOR</u></b>				
Ontonagon Harbor, MI	11/05	BRIDGE CONSTRUCTION	VARIOUS	2006 NAV SEASON
Ontonagon Harbor, MI	40/06	SCHEDULED BRIDGE REMOVAL	0600-2000/ MON-SAT	08 DEC 06

**GREAT LAKES - GENERAL - MARINE EVENTS**

Events listed below are those events that do not have accompanying special local regulations. Mariners transiting these areas are not required to contact the U.S. Coast Guard, but are asked to exercise caution when navigating through the area of the event.

<u>Location</u>	<u>LNM</u>	<u>Events</u>	<u>Dates</u>	<u>Time (Local)</u>
<b><u>LAKE ONTARIO</u></b>				
Oswego, NY	20/06	Oswego Yacht Club Racing Season	3 May – 30 November 2006	1200-2200
<b><u>LAKE MICHIGAN</u></b>				
Chicago, IL	42/06	The Magnificent Mile Lights Festival	18 November 2006	1730-1930
Milwaukee, WI	43/06	Downtown Milwaukee Bid 21	16 November 2006	1830-1845
Chicago, IL	43/06	City of Chicago New Year's Celebration	31 December 2006	2359-0015
Chicago, IL	44/06	Santa's Arrival to Navy Pier	25 November 2006	1700-1715



All soundings are referenced to IGLD, 1985 for Lake Michigan elevation 577.5 ft. above Mean Sea Level at Rimouski, Quebec. Hydraulic corrector of 0.2 ft. applied.

The information depicted on this map represents the results of surveys made on the date indicated and can only be considered as indicating the general conditions existing at that time.



Shoals indicate least available depth below LWD

Surveys taken: **October 2006**

**FRANKFORT HARBOR, MICHIGAN**

CONDITION OF CHANNEL

ISSUED: **6 October 2006**

**U.S. Army Engineer District, Detroit**

