



Homeland Security



9th DISTRICT LOCAL NOTICE TO MARINERS 19/04 WEEKLY EDITION 2004 27 APRIL 2004

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

Numbers within brackets [/] refer to the LNM where information was first printed. Direct questions about this LNM to the above address. The Weekly Supplemental editions of the Local Notice to Mariners contain only information subsequent to the issue date of the Monthly edition. To ensure having complete information concerning the waterways within the Ninth Coast Guard District, consult Monthly Edition 16/04.

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, 2003 Edition / Coast Pilot Reference: 2004 U.S. Coast Pilot 6 Great Lakes 34th Edition

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 Group 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:

Ninth District	C022-04 through C030-04	Group Buffalo, NY	B016-04 through B024-04
Group Detroit, MI	D049-04 through D053-04	Group Grand Haven, MI	G022-04 through G024-04
Group Milwaukee, WI	M049-04 through M057-04	Group Sault Ste Marie, MI	S072-04 through S075-04

I. SPECIAL NOTICES

LORAN-C OPERATIONS – LORSTA DANA (RATE 8970-M/9960-Z)

This is a proposal to authorize LORSTA Dana, IN (rate 8970-M/9960-Z) unusable time from 1300 GMT to 1500 GMT 20 May 2004. The alternate time will be from 1300 GMT to 1500 GMT 21 May 2004. Objections will be considered until 1800 GMT 14 May 2004. Users shall address inquiries to the Northeastern U.S. Loran-C Chain Operations Control Officer (LT Luci Bookhammer) at 703-313-5887. Current Loran-C status is available 24 hrs/day through internet address: <http://www.navcen.uscg.gov> [1704]

LORAN-C OPERATIONS – LORSTA BOISE CITY (RATE 9610-M/8970-Z)

This is a proposal to authorize LORSTA Boise City, OK (Rate 9610-M/8970-Z) unusable time from 1400 GMT to 1800 GMT 01 June 2004. The alternate time will be from 1400 GMT to 1800 GMT 02 June 2004. Objections will be considered until 1800 GMT 27 May 2004. Users shall address inquiries to the South Central U.S. Loran-C Chain Operations Control Officer (LT J. Bailey) at 703-313-5873. Current Loran-C status is available 24 hrs/day through internet address: <http://www.navcen.uscg.gov> [19/04]

LORAN-C OPERATIONS. LORSTA SENECA (RATE 8970-X/9960-M)

This is a proposal to authorize LORSTA Seneca, NY (rate 8970-X/9960-M) unusable from 1200 GMT to 1600 GMT 05 May 2004. The alternate time will be from 1200 GMT to 1600 GMT 06 May 2004. Objections will be considered until 1800 GMT 29 April 2004. Users shall address inquiries to the Northeastern U.S. Loran-C Chain Operations Control Officer (LT Luci Bookhammer) at 703-313-5887. Current Loran-C status is available 24 hrs/day through internet address: <http://www.navcen.uscg.gov>. [19/04]

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/OandM/o&m.html>, the USACE Chicago District website at: <http://www.lrc.usace.army.mil>, and the USACE Buffalo District website at: <http://www.lrb.usace.army.mil/waterways/survey/survey.html>
St Joseph Harbor, MI [19/04]

LAKE ERIE – Ashtabula Harbor – Chart 14836

Shoaling has been reported in the Ashtabula River in approximate position 41-53.98 N, 080-47.66 W, near the entrance of the Ashtabula Yacht Club. Water depths are as low as one foot in some areas. All mariners are urged to use extreme caution while transiting the area. [18/04]

LAKE ERIE - Fairport Harbor – Possible Shoaling – Chart 14837

Possible shoaling has been reported in the vicinity of the Western Approach to the Fairport Harbor Breakwaters. In posit 41-46.248N, 081-16.824W, depth was reported to be 18ft. All mariners are urged to use caution while transiting the area. [17/04]

WESTERN LAKE ERIE - DETROIT AND ST. CLAIR RIVERS - SOUTHERN LAKE HURON – Reporting Requirements – Chart 14820

Additional reporting requirements have been issued by both Canadian and United States authorities under the St. Clair and Detroit Rivers navigation safety regulations and 33 CFR 162.130 connecting waters from Lake Huron to Lake Erie general rules. Effective immediately, all commercial vessels identified as tankers or tug and tank barge combinations carrying dangerous cargo as described under the international maritime organization (IMO) regulations are to provide a notification 24 hours in advance of entering or transiting the Sarnia traffic zone between Southeast Shoal on Lake Erie and Harbor Beach on Lake Huron. Vessels are to provide the following information:

- 1- Name of vessel
- 2- Destination
- 3- Type of dangerous cargo
- 4- Quantity of dangerous cargo
- 5- Expected time of arrival at the entrances of the zone or
- 6- Expected time of departure within the zone
- 7- Destination port if within the zone and expected arrival/departure time from said destination
- 8- If off loading or on loading cargo within the zone, cargo specifics.

Subject vessels that are moored within the Sarnia traffic zone are to provide this information 24 hours prior to departure. In the event a scheduled departure time changes by more than three (3) hours, subject vessels are to update Sarnia Traffic immediately when the change becomes known. The information or report may be given to Sarnia Traffic on the designated sector frequencies or sent by facsimile to both following fax numbers: USA (313) 568 9581, CDN (519) 337 2498. [19/04]

ST MARYS RIVER – Munuscong Lake – 14882, 14883

The U.S. Army Corps of Engineers has reduced the previously reported shoaling in the lower end of Rock Cut. The entire channel has been cleared to a min depth of 27'. An area from 2500' above LT's 25/26 down river to LT's 25/26 is cleared to 28' for 60' on either side of the centerline. Mariners should continue to transit this area using extreme caution and remain as close to the centerline as possible. [19/04]

ST MARYS RIVER – Course 6 West Neebish Channel (Rock Cut) – Chart 14882, 14883

U.S. Army Corps of Engineers floating plant have removed significant shoaling in the lower end of the Rock Cut, Course 6 West Neebish Channel, as reported in the Notice to Navigation Interest, L04-07. These shoals were up to 4.5ft above the project depth of 28.5 ft, and began approximately 2,500 ft upstream of Navigation Lights 25/26 and extended downriver to Navigation Light 25/26. This area is cleared to 28.0 ft for 60 ft on either side of the centerline. The entire channel in this area has been cleared to a minimum depth 27.0 ft below I.G.L.D. 1955 Low Water Datum. An updated NTNI will be posted as work progresses. Mariners are reminded to use card when transiting this area and stay close to the center of channel as possible. Multiple U.S. Army Corps of Engineers Floating Plants and Derrick Boats will continue to clear small and scattered strikes in this area. Radio contact may be established with these vessels using VHF Channels 12 and 16. Small boat operators are cautioned to keep clear of these operations and listen and watch for signals from personnel on these vessels. [19/04]

LAKE MICHIGAN – Benton Harbor – Chart 14930

The U.S. Coast Guard has received a report of possible shoaling on the north side of the channel at the entrance to St. Joseph Harbor. All vessels should transit the area with caution. [18/04]

CHICAGO HARBOR LOCK – Lock Closure Ended – Chart 14928

The Chicago Harbor Lock will be back in full operation on the afternoon of April 23, 2004. Emergency repairs to the final 2 lock gates will be completed today. Then, the operation to remove the dewatering bulkheads will commence and the lock will be restored to full operation with no restrictions. We regret the inconvenience this has caused navigation interests, but the repairs were essential to ensure reliability of the lock gates for the entire 2004 navigation season. [19/04]

LAKE SUPERIOR - Port Wing Harbor, WI – Shoaling – Chart 14966

Recent survey of Port Wing Harbor, WI, has indicated shoaling within various areas of the harbor. In particular, the bounded area indicated by "note b" of the harbor inlay to NOAA chart 14966 (Little Girls Point to Silver Bay, Lake Superior). Mariners are advised to use caution while transiting the harbor. [11/04]

II. DISCREPANCIES IN AIDS TO NAVIGATION as of 1000 April 27, 2004

This section lists all changes to discrepancies. The following abbreviations are used:

B	Buoy	BKW	Breakwater	(C)	Canadian Aid
CH	Channel	DAM	Damaged	DAYBD	Dayboard
DBN	Daybeacon	DECOM	Decommissioned	DISCON	Discontinued
ENT	Entrance	ESTB	Established	EXT	Extinguished
FS	Fog Signal	HBR	Harbor	IMCH	Improper Characteristic
INOP	Inoperative	JCT	Junction	LB	Lighted Buoy
LBB	Lighted Bell Buoy	LGB	Lighted Gong Buoy	LHB	Lighted Horn Buoy
LIB	Lighted Ice Buoy	LT	Light	LWP	Left Watching Properly
OBST	Obstruction	OFFSTA	Off Station	(P)	Private Aid
PARSUB	Partially Submerged	PAROBSC	Partially Obscured	PHD	Pierhead
RBN	Radiobeacon	RAC	Racon	DIM	Reduced Intensity
RELDRG	Relocated for dredging	RELSHL	Relocated for Shoaling	RELCON	Relocated for Construction
RF	Range Front	RPTD	Reported	RR	Range Rear
(SLS)	St. Lawrence Seaway Devel Corp	SND CONT	Sounding Continuously	TRUB	Temporarily Replaced With A B
TRLB	Temporarily Replaced With A LB	TRLT	Temporarily Replaced With A Light	W/M	Winter Mark

A. RECENT DISCREPANCIES

LLNR	Name of aid	Status	Charts Affected	BNM Ref.	LNM Ref.
2105	OSWEGO HBR W CHL LT 2	LT EXT	14813	B020-04	19/04
2735	BUFFALO JNCTN LB BR	OFFSTA	14833	B021-04	19/04
2785	BLACK ROCK CANAL LB 1	OFFSTA	14833	B021-04	19/04
2795	BLACK ROCK CANAL LB 1	OFFSTA	14833	B021-04	19/04
2820	BLACK ROCK CANAL B 8	OFFSTA	14833		19/04
3450	DUNKIRK HBR B 9	OFFSTA	14823		15/04
3765	ASHTABULA HBR LB 3	MISSING	14836	B014-04	18/04
3800	ASHTABULA HBR W PIER LT	LT EXT	14836	B007-04	15/04
4035	CLEVELAND INTAKE LB (P)	MISSING	14826	D309-03	11/04
5565	KELLEYS ISL SHL LB 1	OFFSTA	14844	D031-04	13/04

6025	TOLEDO WATER WORKS INTAKE CRIB LTS (P)	LT EXT	14847	D050-04	19/04
8525	ST CLAIR LT	LT EXT	14850	D020-04	11/04
12770	DETOUR REEF LT	RACON INOP	14880	S037-04	13/04
14650	MARQUETTE PWR AND LT CHL B 1 (P)	MISSING	14970		13/04
14655	MARQUETTE PWR AND LT CHL B 2 (P)	MISSING	14970		13/04
18145	MISSION PT LT	LT DIM	14913	S069-04	18/04
18415	PORTAGE LAKE N PHD LT	F/S SECURED	14939	G018-04	18/04
18770	BEAR LAKE ENTR W LT (P)	LT EXT	14934		18/04
18785	GREAT LAKES MARINA ENTR LT 1 (P)	LT EXT	14934	G007-04	15/04
18790	GREAT LAKES MARINA ENTR LT 2 (P)	LT EXT	14934	G007-04	15/04
18795	GREAT LAKES MARINA ENTR LT 3 (P)	LT EXT	14934	G007-04	15/04
18800	GREAT LAKES MARINA ENTR LT 4 (P)	LT DESTROYED/PART OBSC CHL	14934	G007-04	15/04
18810	GREAT LAKES MARINA ENTR LT 6 (P)	LT EXT	14934	G007-04	15/04
18910	CONSUMER POWER CO LT 1 (P)	LT EXT	14933	G009-04	16/04
18915	CONSUMER POWER CO LT 3 (P)	LT EXT	14933	G009-04	16/04
18920	CONSUMER POWER CO LT 5 (P)	LT EXT	14933	G009-04	16/04
18985	GRAND HAVEN N SHORE MARINA DBN 1 (P)	MISSING DAYBD	14933	G008-04	15/04
19460	KALAMAZOO RIVER B 4	OFFSTA	14906	G021-04	18/04
19515	ST JOSEPH N PHD LT	F/S SECURED	14930	G014-04	17/04
20015	WATER FILTRATION PLANT LT B (P)	LT EXT	14928	M038-04	16/04
20490	RACINE E HBR ENTR LT 2 (P)	LT IMCH	14925		18/04
20500	RACINE HBR LT 5 (P)	LT DIM	14925		18/04
20585	RACINE YACHT CLUB S BKW LT (P)	LT EXT	14925	M035-04	16/04
20890	RACINE YACHT CLUB N BKW LT (P)	LT EXT	14925	M035-04	16/04
20925	TWO RIVERS N PHD LT	F/S INOP	14903	M023-04	14/04
21355	DETROIT HBR CHL B 2	MISSING	14909	M047-04	18/04
22180	GREEN BAY HBR ENTR FR LT	MISSING DAYBD	14918	M054-04	19/04

B. DISCREPANCIES CORRECTED

LLNR	Name of aid	Status	Charts Affected	BNM Ref.	LNMR Ref.
2115	OSWEGO HBR W CHL B 5	OFFSTA	14813	B013-04	18/04
2410	WILSON HBR B 4	OFFSTA	14806	B015-04	18/04
6105	MANHATTAN FR LT	MISSING DAYBD	14847	D047-04	18/04
11750	POE REEF LT	RACON INOP	14881	S062-04	17/04
13555	W NEEBISH CHL LB 40	LT EXT	14883	S071-04	18/04
19575	BAILEYTOWN WATER INTAKE CRIB LT (P)	LT EXT	14926	M034-04	16/04
20350	JOHNS-MANVILLE INTAKE CRIB LT (P)	LT EXT	14904	M043-04	18/04
21205	STURGEON BAY SHIP CHL ENTR LEAD LT	LT EXT	14919	M049-04	18/04
21310	PLUM ISLAND RR LT	LT EXT	14909	M046-04	18/04

III. TEMPORARY CHANGES IN AIDS TO NAVIGATION as of 1000, April 27, 2004

A. TEMPORARY CHANGES

LLNR	Name of aid	Status	Charts Affected	BNM Ref.	LNMR Ref.
4350	LORAIN HBR LT 6	TEMP MOVED	14841		35/03
6450	LUNA PIER MARINA BKW LT 1 (P)	TEMP DISCON	14846	D224-01	23/01
6455	LUNA PIER MARINA BKW LT 2 (P)	TEMP DISCON	14846	D224-01	23/01
10310	PORT AUSTIN B 7	TEMP DISCON	14863	D138-03	14/03
14540	LITTLE LAKE HBR LT 2	TEMP DISCON	14962	S046-03	06/03
17079.1	FOUR MILE BAY BUOY 7	ESTB TRUB	14999		12/02
19601	MICHIGAN CITY INNER HBR B 4	ESTB TRUB	14905	G015-04	18/04
19602	MICHIGAN CITY INNER HBR B 6	ESTB TRUB	14905	G015-04	18/04
20257	HIGHLAND PARK ROCK BUOY 6	ESTB TRUB	14905		29/03
21591	LITTLE FISHDAM RIVER ACCESS LT (P)	TEMP DISCON	14908	M050-01	09/02

B. RECENT TEMPORARY CHANGES CORRECTIONS

LLNR	Name of aid	Status	Charts Affected	BNM Ref.	LNMR Ref.
NONE.					

IV. CHART CORRECTIONS

Corrective action affecting charts is contained in this section. Chart corrections are listed numerically by chart number. The correction listed pertains to that chart only. It is up to the mariner to decide what charts are to be corrected. The following example explains the individual elements of a typical correction.

Chart number	Chart edition	Edition date	Last Local Notice to Mariners	Reference datum	Source Agency of correction	Current Notice to Mariners
14922	17th ed. MANITOWOC AND SHEBOYGAN HARBORS	4/25/92	Last LNM 12/93	NAD 83	(CGD9)	17/93
	Change	Manitowoc South Breakwater Light to "3" Fl G 2.5s, 37ft 8 StM			44°05'29.00"N	087°38'37.00"W
	Corrective action	Object of corrective action			Position	

The letter (M) immediately following the chart number indicates that the correction should be applied to the metric side of the chart only. (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 lakeward.

14850	52nd ed. LAKE ST. CLAIR (LORAN C)	Oct 2003	Last LNM 11/04	NAD 83	(CGD9)	19/04
	Change	Desig and Relocate R "30" Fl R 4s to R "30" Q R			42°30'30.73"N	082°41'54.47"W
14852	45th ed. ST. CLAIR RIVER	02/03	Last LNM 11/04	NAD 83	(CGD9)	19/04
	Change	Desig and Relocate Fl (2+1) G 6s 29ft 5 ST M to Fl G 4s 29ft 3 ST M			42°58'21.30"N	082°25'09.60"W
14853	14th ed. (SC) DETROIT RIVER, LAKE ST. CLAIR AND ST. CLAIR RIVER	03/03	Last LNM 18/04	NAD 83	(CGD9)	19/04
(P. 49)	Change	Desig and Relocate Fl (2+1) G 6s 29ft 5 ST M to Fl G 4s 29ft 3 ST M			42°58'21.30"N	082°25'09.60"W
14910	23rd ed. LOWER GREEN BAY (LORAN C)	02/03	Last LNM 30/03	NAD 83	(CGD9)	19/04
	Change	Fl G 43 ft to Fl Y 4s 45 ft 4 St M			44°35'22.67"N	087°57'27.36"W
14916	10th ed. (SC) LAKE WINNEBAGO AND LOWER FOX RIVER	07/02	Last LNM 13/04	NAD 83	(CGD9)	00/00
(P.33)	Add	Note C In October 2001, underwater obstructions were reported in the West draw. Approximate depths of 6 feet were reported approximately 3 feet from the West pier, and an approximate depth of 15 feet at 5 feet from the West pier.			44°30'00.00"N	088°03'00.00"W
(P.33)	Change	Desig From SWING BRIDGE to SWING BRIDGE HOR CL 75 FT HOR CL 75 FT VERT CL 31 FT VERT CL 31 FT See Note C			44°29'38.00"N	088°01'16.00"W
14918	27th ed. HEAD OF GREEN BAY, Including Fox River below De Pere	Mar 2004	Last LNM 14/04	NAD 83	(CGD9)	19/04
	Change	Fl G 43 ft to Fl Y 4s 45 ft			44°35'22.67"N	087°57'27.36"W
	Inset: Green Bay					
	Add	Note C In October 2001, underwater obstructions were reported in the West draw. Approximate depths of 6 feet were reported approximately 3 feet from the West pier, and an approximate depth of 15 feet at 5 feet from the West pier.			44°30'00.00"N	088°04'00.00"W
	Change	Desig From SWING BRIDGE to SWING BRIDGE HOR CL 75 FT HOR CL 75 FT VERT CL 31 FT VERT CL 31 FT See Note C			44°29'38.00"N	088°01'16.00"W
14975	33rd ed. DULUTH-SUPERIOR HARBOR	10/02	Last LNM 22/03	NAD 83	(NOS NW - 7511, 7572)	19/04
	Add	Tabulation - Duluth Harbor Channel centered at Tabulation - Superior Harbor Channel centered at Bascule Bridge and text: BASCULE BRIDGE HOR CL 63 FT HOR CL 63 FT (OPEN) VERT CL 6 FT from to			46°47'04.00"N 46°41'15.00"N 46°46'52.50"N 46°46'53.40"N	092°08'56.00"W 092°03'05.00"W 092°05'46.70"W 092°05'44.00"W

Note:

CAUTION

BASCULE BRIDGE CLEARANCES

For bascule bridges, whose spans do not open to a full upright or vertical position, unlimited vertical clearance is not available for the entire charted horizontal clearance. centered at

46°46'12.40"N 092°09'49.10"W

V. ADVANCE NOTICE OF CHANGES TO AIDS TO NAVIGATION

LAKE ONTARIO - Black River Bay, Signal Change, Charts 14811

The Coast Guard will be changing the characteristics on Sacketts Harbor LT (LLNR 1850) to FL W 2.5s. and change the dayboards to non-lateral marks. In conjunction with this change the Coast Guard will be establishing a lighted buoy in posit 43°56'30.95"N, 076°07'11.89"W with a FI R 4s characteristic to mark the NW shoal of Horse Island. [17/04]

Lake Erie – Strawberry Isle Cut Buoy 5

The Coast Guard will be upgrading Strawberry Isle Cut Buoy 5 (LLNR 2910) to a Quick Flashing Green. [11/04]

Lake George, Potagannissing Bay, Les Cheneaux Islands – Charts 14885, 14883, 14882, 14881

The Coast Guard is proposing to add Lights to the following buoys:

East Neebish Island B 9	LLNR 13790	Quick Flashing Green
East Neebish Island B 13	LLNR 13805	Flashing Green 4 seconds
Lake George Ch B 6	LLNR 13850	Flashing Red 2.5 seconds
Lake George Ch B 9	LLNR 13865	Flashing Green 2.5 seconds
Sugar Island B 6A	LLNR 13915	Quick Flashing Red
Wreck Island B 6	LLNR 12715	Flashing Red 2.5 seconds
Grape Island B 10	LLNR 12753	Flashing Red 4 seconds
Les Cheneaux Middle Entrance B 5	LLNR 12340	Flashing Green 2.5 seconds
Les Cheneaux Middle Entrance B 10	LLNR 12355	Quick Flashing Red
Mackinac Bay Pass B 10	LLNR 12410	Flashing Red 2.5 seconds
Cedarville CH B 10	LLNR 12305	Quick Flashing Red
Cedarville CH W B 33	LLNR 12520	Quick Flashing Green [12/03]

Eastern Portion of the Northern Boundary Waters - Charts 14994 thru 14998

Re-number Canoe Channel Day Beacon 6	LLNR 17210	Chart 14998 to Daybeacon 8.
Add a Light to Rainy Lake Buoy 12	LLNR 17285	Chart 14997 Making the aid Rainy Lake Lighted buoy 12; FI R 4s.
Add a Light to Surveyor's Island Daybeacon 43	LLNR 17420	Chart 14996 making the aid surveyor's Island Light 43; FI G 4s. [11/04]

St. Clair River/Black River, Charts 14852 and 14853

The Coast Guard is relocating St. Clair/Black River Light (LLNR 9965) to the southern tip of the Black River and changing the name to Black River Entrance Light 1. The signal characteristics will be FI G 4s. [17/03]

Lake St. Clair – Characteristic Change – Chart 14850

The Coast Guard will be changing the characteristics of Lake St Clair LB 30 (LLNR 8570) to a Quick flash for easier distinction from other lights in the area. [19/04]

Lake Huron – White Rock, MI – Buoy Addition – Chart 14862

The Coast Guard is adding a buoy White Rock LB “3” FI G 4s in position 43-44.000N, 082-35.500W to mark a hazardous shoal extending out almost 1 NM into the waters of Lake Huron. [22/03]

Lake Michigan – Saugatuck South Pierhead Light – Chart 14906

The Coast Guard will be changing the decommissioning of the Fog Signal for Saugatuck South Pierhead Light (LLNR 19445) from 15 Nov to 01 Nov. [11/04]

VI. PROPOSED CHANGES IN AIDS TO NAVIGATION

Upper Niagara River - Charts 14822 and 14832

The Coast Guard is proposing to change the Grand Island Range Lights LLNR’s 3080, 3075 to a single point sectored range. The change will involve disestablishing Grand Island Rear Range Light LLNR 3080, installing a Green/White/Red Sectored light on Grand Island Front Range Light LLNR 3075 and renaming the Light; Grand Island Sectored Range Light. The white sector will indicate the center of the channel and the colored sectors will correspond to the red and green sides of the channel. [31/03]

Ashtabula River – Establish Ashtabula River Shoal Buoys 6 and 8 - Charts 14836

The Coast Guard is proposing to establish two aids to navigation in response to several groundings of recreational boaters, Ashtabula River Shoal Buoy 6 in position 41-53-59.2N, 080-47-41.8W and Ashtabula River Shoal Buoy 8 41-53-58.8N, 080-47-39.6W and renumber Ashtabula River Shoal Buoy 5 to Ashtabula River Shoal Buoy 9. [11/04]

Eastern Portion of the Northern Boundary Waters - Charts 14994 thru 14998

The Coast Guard is considering making the following changes to the Eastern portions of the boundary water's region:

Disestablish Ranier Single Point Range Light	LLNR 17130	Chart 14998.
Establish Canoe Channel Buoy 20		Chart 14998 in approximate position: 48-36-15N, 093-08-14W.
Establish South Shore Buoy 6		Chart 14997 in approximate position: 48-36-20N, 093-01-50W. opposite south Shore buoy 8 LLNR 17275.
Relocate South Shore Buoy 10	LLNR 17280	Chart 14997 north to approximate position: 48-36-28N, 092-57-43W.
Add a Light to Rainy Lake Daybeacon 34	LLNR 17375	Chart 14997 Making the aid Rainy Lake Light 34; FI R 4s.
Establish Idle Hour Island Light 36A; FI R 4s		Chart 14996 in approximate position 48-32-08N, 92-49-10W.
Establish Sand Point Buoy 15 opposite Sand Point Buoy 16	LLNR 17665	Chart 14994 in approximate position 48-26-45N, 092-41-15W [31/03]

LAKE HURON – Ft Gratiot Light – Nominal Range Change – Chart 14862

The Coast Guard is proposing to upgrade the equipment and increase the nominal range of Ft Gratiot Light (LLNR 10015) from 18 M to 21 M. [19/04]

LAKE SUPERIOR – Presque Isle Harbor, On-Demand Fog Signal - Charts 14970

The Coast Guard is proposing to install an on-demand fog signal system in Presque Isle Harbor Breakwater Light (LLN 14670). This system, once installed can be activated with VHF radio. Once energized the fog signal will sound for 30 minutes or until being turned off with a VHF radio. The radio channel for activation is TBD. [36/03]

For any comments or questions on these proposed changes please contact LTJG Hall of the Ninth District Aids to Navigation office at (216) 902-6072.

VII. GENERAL NOTICES

***** REVISED LNM 19/04 *****

LAKE ONTARIO - NY - Rochester Harbor, Bridge Construction, Chart 14815

Construction work continues near the new Stutson Street bridge, mile 1.25 over Genesee River in Rochester, NY, and will continue into the 2004 season. The west leaf of the new bridge will be in the closed position for steel erection and counterweight construction work between 0700 on May 6 and 0900 on May 19, 2004, and again between 1300 on May 22 and 2000 on May 29, 2004. The east leaf will be kept in the open position during these periods for vessel traffic. The lowered west leaf will be marked at night. Similar work on the east leaf will take place later in the season with revised notices to mariners to follow. Outside of the dates and times above, a work barge will be in the vicinity between the hours of 0700 and 1630, Monday through Friday, and will move for vessels requiring the full width of the channel if at least 2-hours advance notice is provided prior to passing during work hours. Vessels can provide advance notice by contacting the Stutson Street operator via VHF-FM channel 16, or calling the contractor during work hours at (585) 663-7918. The barge will be moved from the channel and lighted during non-work hours. [19/04]

LAKE ERIE – Ashtabula Harbor – Waterways Analysis and Management System Study – Chart 14836

The Coast Guard is conducting a Waterways Analysis and Management System (WAMS) study of the Ashtabula Harbor and the Ashtabula River Waterways. The study focuses on the area's aids to navigation system, waterborne commerce, marine casualty information, port/harbor resources, 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:

Commander
U. S. Coast Guard Group
1 Fuhrmann Blvd.
Buffalo, NY 14203
ATTN: ATON Officer
Phone: (716) 843-9524 [16/04]

LAKE ERIE - OH - Toledo Harbor, Bridge Maintenance and Advance Notice, Chart 14847

The Craig Memorial (I-280) bridge at mile 3.30 over Maumee River will open for vessels if at least 1-hour advance notice is provided prior to intended time of passage between the hours of 0730 and 1930, Monday through Friday, from April 23 to May 14, 2004, for emergency electrical work. Mariners may call the bridge at (419) 726-0054 to provide advance notice. [19/04]

LAKE MICHIGAN - IL - Chicago Harbor, Bridge Maintenance, Chart 14926

Contractors will perform painting work on Wabash Avenue bridge, mile 0.98 over the Main Branch of Chicago River, from May 3 to approximately August 1, 2004. A work barge will be utilized under the bridge during work hours, which will be 0700 to 1900, 7 days per week, and occasionally 24 hours, 7 days per week. The barge will move for vessels, if necessary, if at least 1-hour advance notice is provided during work hours, and will be moved from under the bridge and lighted at night during non-work hours. Vessels should call Steve Sakoutis at (708) 204-0012, or Garry Manous at (219) 730-9422 to provide advance notice. [19/04]

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 CANAL</u>				
Oriskany to Utica, NY	34/03	CANAL WAY TRAIL SYSTEM	0700-1700/ MON - FRI	31 DEC 04
Onandga - Seneca River, NY	18/04	BRIDGE CONSTRUCTION		31 AUG 04
Lysander, NY	18/04	BRIDGE CONSTRUCTION		15 NOV 04
<u>LAKE ONTARIO</u>				
Rochester, NY	41/03	BRIDGE CONSTRUCTION	0700-1630/ MON - FRI	INTO 2004
<u>LAKE ERIE</u>				
Buffalo Harbor, NY	29/03	BRIDGE MAINTENANCE	24 HRS/ 7 DAYS A WK	30 JUN 04
Buffalo Harbor, NY	41/03	BRIDGE MAINTENANCE	24 HRS/ 7 DAYS A WK	2004 NAV SEASON
Buffalo Harbor, NY	08/03	BRIDGE MAINTENANCE	24 HRS/ 7 DAYS A WK	JUN 2004
Ashtabula Harbor, OH	16/04	WAMS ANALYSIS	VARIOUS	TBD
Cleveland, OH	14/03-17/04	PILE DRIVING, EXCAVATION, ETC.	24 HRS/ 7 DAYS A WK	DEC 2004
Cleveland Harbor, OH	12/04	BREAK WATER DISASSEMBLY, PIPELINE INSTALL	24 HRS/ 7 DAYS A WK	22 JUL 04
Cleveland Harbor, OH	12/04	PILE DRIVING, EXCAVATION, PIPE INSTALL	24 HRS/ 7 DAYS A WK	31 DEC 04
Lorain Harbor, OH	34/03	WEST PIER REHABILITATION	DAWN-DUSK/ MON - FRI	31 DEC 04
Toledo, OH	41/03	BRIDGE CONSTRUCTION	24 HRS/ 7 DAYS A WK	2004 NAV SEASON
Toledo Harbor, OH	19/04	1-HOUR ADVANCE NOTICE CRAIG MEM BRIDGE	0730-1930/ MON – FRI	14 MAY 04
Maumee River, OH	17/04	RIP RAP PROTECTION	0730-1700/ MON – FRI	01 MAY 04
Bolles Harbor, MI	17/04	DREDGING	24 HRS/ 7 DAYS A WK	15 MAY 04
<u>ST MARYS RIVER</u>				
Macarthur Locks	11/04	CN RAILWAY BRIDGE CLOSED TO NAVIGATION	24 HRS/ 7 DAYS A WK	LOCK OPEN
<u>LAKE MICHIGAN</u>				
Port Sheldon, MI	16/04	MAINTENANCE DREDGING	24 HRS/ 7 DAYS A WK	30 APR 04
Manistee Harbor, MI	17/04	DREDGING	24 HRS/ 7 DAYS A WK	30 APR 04
Indiana Harbor Canal, MI	18/07	CANAL WALL REPAIR	0700-1800/MON – FRI	15 JUN 04
Calumet River, IL	37/03-41/03	SEAWALL REPAIR – SUSPENDED TIL FURTHER NOTICE	0700-1900/ MON - SAT	01 MAY 04
Calumet Harbor, IL	13/04	CAL-SAG CHL BRDG DEMOLITION/CONSTRUCTION	VARIOUS	01 SEP 04
Calumet Harbor, IL	11/04	BRIDGE MAINTENANCE AND CLEARANCE	24 HRS/ 7 DAYS A WK	31 OCT 04

Location	LNLM	Subject	Hours / Days	Until
Chicago Harbor, IL	19/04	BRIDGE MAINTENANCE	0700-1900/ 7 DAYS A WK	01 AUG 04
Chicago Harbor, IL	33/03-36/03	BRIDGE MAINTENNANCE WORK	0730-1600/ MON-FRI	25 NOV 04
Chicago Harbor, IL	14/04	SPECIAL EVENTS BRIDGE CLOSURE SCHEDULE	VARIOUS	20 NOV 04
Milwaukee Harbor, WI	41/03	BRIDGE DEMOLITION AND CONSTRUCTION	0600-0800/ MON – FRI	2004 SEASON
Milwaukee Harbor, WI	11/04	BRIDGE CLOSURE FOR SPECIAL EVENTS	VARIOUS	18 JUL 04
Sturgeon Bay Harbor, WI	11/04	BRIDGE MAINTENANCE	0600-1800/MON – FRI	01 JUL 04
Sheboygan Harbor, WI	18/04	BREAKWATER REPAIR	0700-1730/MON - THR	11 MAY 04
St Joseph Harbor, MI	14/04	SPECIAL EVENTS BRIDGE CLOSURE	1000-1700	01 MAY 04
LAKE SUPERIOR				
Keweenaw MI	03/03	BRIDGE OP SCHEDULE DURING REHAB	0700-1800/ MON – FRI	31 OCT 04
Soo Locks Complex, MI	18/04	PIER CONSTRUCTION	0700-1700/ MON – SAT	31 JUL 04
Ontonagon Harbor, MI	14/04	DREDGING	24 HRS/ 7 DAYS A WK	15 JUL 04
Munising Bay, MI	18/04	MARINE SALVAGE	DUSK-DAWN/MON – SAT	15 SEP 04
Two Harbors Harbor, MN	18/04	BREAKWATER REPAIR	0700-1730/	11 MAY 04

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.

Location	Events	Dates	Time (Local)
LAKE ERIE			
Sandusky, OH	Sandusky Sail Club Junior Regatta	June 19	0900-1700
LAKE MICHIGAN			
Holland Harbor, MI	Tulip Time Festival	1 st weekend May	
Holland Harbor, MI	Tulip Time Festival	1 st weekend May	

VIII. LIGHT LIST CORRECTIONS, VOL VII, GREAT LAKES

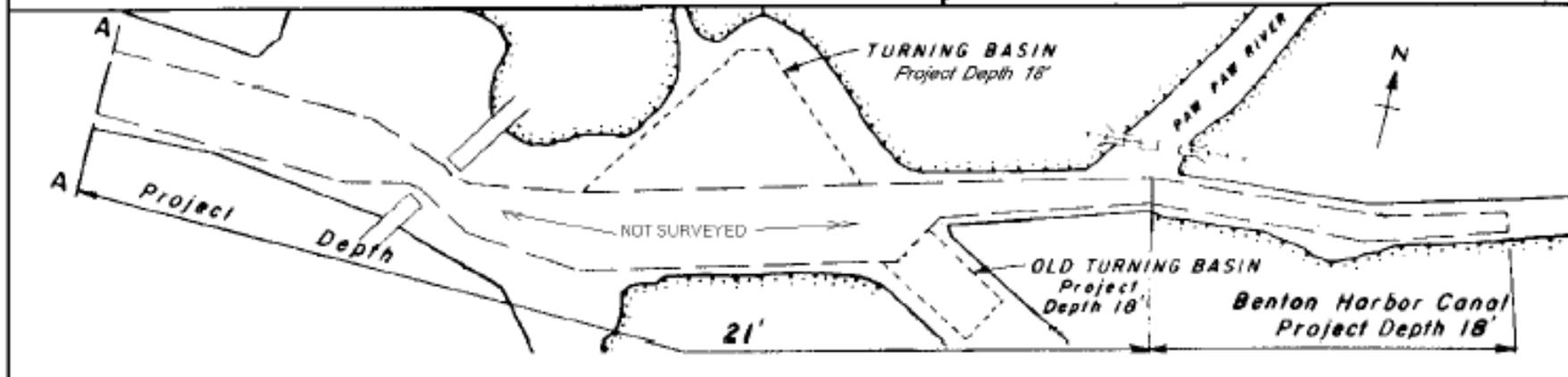
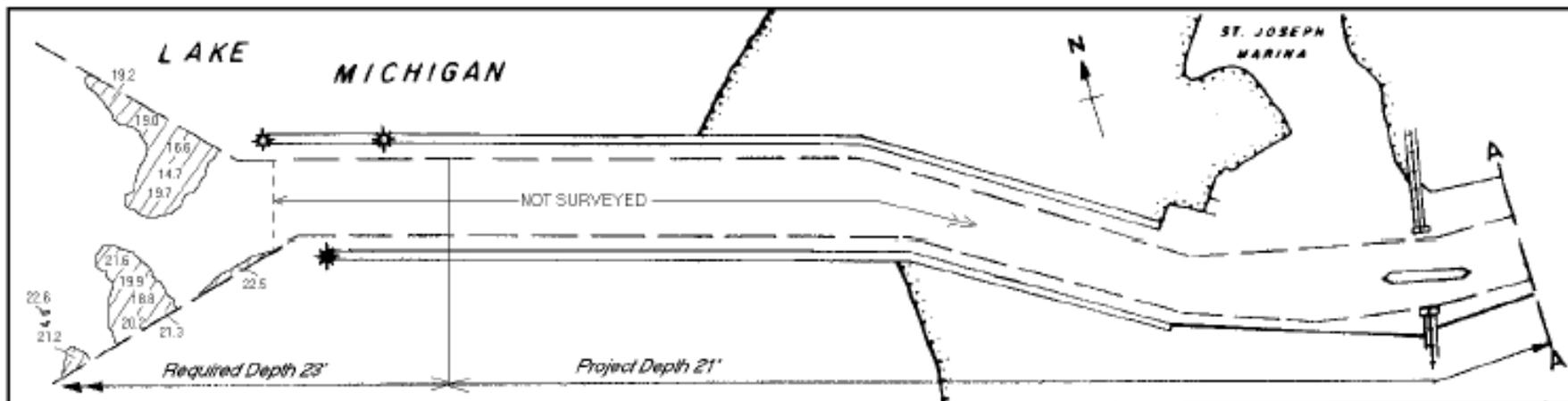
(* Denotes the column in which a correction has been made or new information added.)

(1) No.	(2) Name and location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
5925 *	-Lighted Buoy 2 *	*	FI R 4s *	*	3 *	Red. *	* 19/04
8570	-Lighted Buoy 30		Q R *		4	Red.	LIB; Winter Marker, Q R. * 19/04
9965	BLACK RIVER ENTRANCE LIGHT 1 *	42 58 21 N 82 25 10 W *	FI G 4s *	29 9	3 *	SG on pile. *	19/04
16540	NOAA Lighted Weather Buoy 45006	44 20 53 N 89 49 30 W *	FI (4) Y 20s 1s 1.5s ec. 1s 1.5s ec. 1s 1.5s ec. 1s 11.5s ec.			Yellow disc-shaped hull.	Replaced by nun from Nov. 1 to Apr. 1. 19/04
18067	Horse Point Lighted Buoy 3	45 13 46 N 85 03 44 W *	FI G 4s		4	Green.	Maintained from Apr. 14 to Nov. 14. 19/04
22180	-RANGE FRONT LIGHT	44 35 24 N 87 57 30 W *	Q G *	43 13		KRW on cylindrical tower.	19/04

IX. ENCLOSURES

- (1) Condition of Channel – St Joseph Harbor, MI
- (2) Tabulation of Controlling Depths – Superior and Duluth Harbors – Chart 14975

Ronald F. Silva
Rear Admiral, U. S. Coast Guard
Commander, Ninth Coast Guard District



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.

SOUNDINGS ARE IN FEET AND ARE REFERRED TO LOW WATER DATUM 576.8 FEET ABOVE MEAN WATER LEVEL AT FATHER POINT, QUEBEC, IGLD, 1955.



Shoals indicate least available depth below LWD

SURVEYED: APRIL 2004

ST. JOSEPH HARBOR, MICHIGAN

CONDITION OF CHANNEL

ISSUED: 22 APRIL 2004

U.S. Army Engineer District, Detroit

CHART 14975

DULUTH HARBOR
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - SURVEYS TO OCT 2003

CONTROLLING DEPTHS FROM SEAWARD IN FEET AT GREAT LAKES LOW WATER DATUM (LWD)					PROJECT DIMENSIONS			
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	LEFT INSIDE QUARTER	RIGHT INSIDE QUARTER	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET)	LENGTH (NAUT. MILES)	DEPTH LWD (FEET)
DULUTH ENTRY	A	A	A	A				
1	26.5	31.6	31.4	29.8	5-2003	245-1000	.13	32
2	28.1	33.6	33.4	29.6	5-2003	245	.08	31
3	30.3	32.6	32.6	31.1	5-2003	245	.07	30
4	31.6	31.6	31.6	30.3	5-2003	245	.07	29
5	31.0	32.4	32.7	24.5	5-2003	245-480	.07	28
DULUTH HARBOR BASIN								
NORTHERN SECTION	25.5	27.5	28.6	22.4	5-2003	1100-2700	.64	28
SOUTHERN SECTION	25.1	24.9	26.2	23.5	5-2003	1200-2700	.91	27
EAST GATE BASIN (NORTH)	25.9	26.7	27.7	22.8	5-2003	1500-3300	.33	27
WEST GATE BASIN	24.6	26.0	26.8	24.5	7-2003	400-650	.66	27
HOWARDS BAY	21.6	23.1	24.0	19.4	8-2003	100-750	.99	27
NORTH CHANNEL								
EASTERN SECTION	19.9	19.5	19.3	B14.6	7,8-2003	400	1.66	27
WESTERN SECTION	16.4	20.4	20.2	20.3	5-2003	400	.59	21
21ST AVE WEST CHANNEL	C6.3	C21.1	C21.1	C16.6	6-71;10-91	200	.33	20
SOUTH CHANNEL								
EASTERN SECTION	21.5	23.3	24.8	25.7	8-2003	400-800	.74	27
WESTERN SECTION	23.0	22.9	23.3	22.8	8-2003	400	.83	23
CROSS CHANNEL	20.2	27.5	28.1	19.4	8-2003	1300	.33	27
UPPER CHANNEL	20.4	23.8	20.6	19.4	9-2003	500	1.00	23
MINNESOTA CHANNEL								
EASTERN SECTION	D19.6	22.3	21.4	E19.6	9,10-2003	600	.95	23
WESTERN SECTION	7.6	15.3	10.4	F 7.8	10-2000;10-2003	200	2.39	20

A. CHANNEL DIVIDED INTO QUARTERS WHEN ENTERING FROM LAKE.
 B. SHOALING TO UNKNOWN DEPTH BEHIND THE 12 FT CURVE FROM 46°45'02.5"N - 92°06'08.8"W TO 46°45'07.2"N - 92°06'18.6"W
 C. RECENT SURVEYS NOT AVAILABLE FOR 21ST AVE WEST CHANNEL.
 D. SHOALING TO 4.9 FT WITHIN 150 FT FROM 46°43'13.01"N - 92°08'34.57"W.
 E. SHOALING TO 9.4 FT IN THE OUTSIDE HALF OF THE QUARTER FOR THE NORTHERN 900 FT OF THE REACH.
 F. SHOALING TO 2.2 FT IN THE OUTSIDE HALF OF THE QUARTER.
 NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION.

CHART 14975

SUPERIOR HARBOR
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - SURVEYS TO AUG 2003

CONTROLLING DEPTHS FROM SEAWARD IN FEET AT GREAT LAKES LOW WATER DATUM (LWD)					PROJECT DIMENSIONS			
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	LEFT INSIDE QUARTER	RIGHT INSIDE QUARTER	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET)	LENGTH (NAUT. MILES)	DEPTH LWD (FEET)
SUPERIOR ENTRY	A	A	A	A				
1	25.7	31.7	31.7	26.2	8-2003	600-1100	.18	31
2	27.6	30.6	31.7	28.4	8-2003	415-1100	.15	30
3	30.0	30.7	30.2	26.7	7-2003	415	.08	29
4	28.7	30.4	28.1	25.5	7-2003	415-430	.08	28
5	24.9	28.6	30.4	25.1	7-2003	430-840	.08	27
SUPERIOR HARBOR BASIN	26.6	24.4	23.1	20.9	7-2003	600-2000	1.21	27
ALLOUEZ BAY CHANNEL	21.8	23.8	23.3	23.0	7-2003	400-900	.44	27
SUPERIOR FRONT CHANNEL	25.2	27.5	26.6	25.5	6,7-2003	600	2.32	27
EAST GATE BASIN (SOUTH)	26.0	26.9	26.2	26.4	5,6-2003	600-3200	.57	27

A. CHANNEL DIVIDED INTO QUARTERS WHEN ENTERING FROM LAKE.
 NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION