



Homeland Security

U.S. COAST GUARD



9th DISTRICT LOCAL NOTICE TO MARINERS 17/04 WEEKLY EDITION 2004 13 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	C016-04 through C018-04	Group Buffalo, NY	B008-04 through B012-04
Group Detroit, MI	D043-04 through D044-04	Group Grand Haven, MI	G010-04 through G014-04
Group Milwaukee, WI	M039-04 through M041-04	Group Sault Ste Marie, MI	S060-04 through S067-04

I. SPECIAL NOTICES

DATES OF LATEST EDITIONS

The Dates of Latest Editions, Nautical Charts and Miscellaneous Maps, dated April 1, 2004, published by the National Ocean Service, is available for issue. It may be obtained free by mail from the National Aeronautical Charting Office, AVN-530, Federal Aviation Administration, 6303 Ivy Lane, Suite 400, Greenbelt MD, 20770-1479, 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 up-to-date 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> [17/04]

U.S. COAST PILOT 6 – 2004 (34th) Edition – Change No. 01

Changes No. 01 to the U.S. Coast Pilot 6, Great Lakes 2004 34th Edition can be found in Enclosure (3) or at the following web address: <http://critcorr.ncd.noaa.gov/> [17/04]

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 time from 1500 GMT to 1900 GMT 26 April 2004. The alternate time will be from 1500 GMT to 1900 GMT 27 April 2004. Objections will be considered until 1800 GMT 20 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>. [14/04]

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> [17/04]

OSWEGO CANAL – ERIE CANAL EAST – Changes to Published Depth – Chart 14786

The Oswego Canal and Erie Canal East (Waterford to Three Rivers) are maintained to provide a minimum channel width of 200 feet in canalized river and lake sections, 120 feet in rock cuts and 104 feet in earth cuts. Maximum available depth is 14 feet, but reduced to 13 feet over lock sills. The Champlain Canal, Cayuga-Seneca Canal and Erie Canal West (Three Rivers to Tonawanda) are maintained to provide a minimum channel width of 200 feet in canalized river and lake sections, 94 feet in rock cuts and 75 feet in earth cuts. Maximum available depth throughout is 12 feet. All canal reaches having less than maximum depth are identified in this Notice to Mariners. Presented in table format, shoal areas are delineated by navigation aids or canal structures, and the channel location offering maximum depth is indicated. The table is available by mail or fax by calling (518) 471-5016 or on the New York State Canal System web site, <http://www.canals.state.ny.us/> [17/04]

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]

DETROIT RIVER – ST. CLAIR RIVER – Condition of Federal Navigation Channel – Charts 14848, 14852

1. Soundings obtained during obstruction removal operations and condition surveys performed within the Federal navigation channels of the Detroit River, Lake St. Clair and the St. Clair River, Michigan and Ontario, during CY 2003, indicate shoaling as shown on the attached tables. (Refer to NOAA Charts No. 14848 and No. 14853).
2. Elevations and project depths are referred to IGLD, 1985 when Lake Erie is at elevation 569.2 ft., Lake St. Clair at 572.3 ft. and Lake Huron at 577.4 ft. above Mean Water Level at Rimouski, Quebec.
3. The information depicted in this report represents the results of surveys made on the time indicated and can only be considered as indicating the conditions existing at that time.
4. Vessel operators are advised to use caution when navigating in these areas. Obstruction removal operations have resumed and will continue through December 2004, as weather permits.
5. All inquiries should be addressed to CELRE-OT-T and should refer to Notice to Navigation Interests No. L04-09. Internet address: <http://lr.usace.army.mil>. Go to: Detroit Home Page, Who We Are, Operations Office Home Page. [17/04]

COMPLETION OF OPERATION COAL SHOVEL 2003-2004

Operation Coal Shovel is hereby closed for the 2003-04 ice season. This season provided many unique and difficult challenges for the resources assigned to Operation Coal Shovel including: The extended opening of the Soo locks with the resulting increase in commercial vessel traffic in our AOR. The tragic crash of a commercial aircraft in Lake Erie which required the on-scene presence of Cutter Neah Bay for an extended period. Additionally, CCGS Risley was assigned to the crash site for several weeks, making her unavailable for icebreaking operations. The need to provide nearly continuous direct assists to severely underpowered tug/barge traffic in the Detroit and St Clair River system.

All of these situations required diverting assets, placing a severe strain on the remaining cutters as they quickly stepped up to carry the load. The icebreaking efforts of the CGC Mackinaw, CGC Bristol Bay, and CGC Neah Bay were exemplary. These three assets combined for over 1000 hours of icebreaking effort: escorting or providing direct assists for over 110 vessels, providing assistance for ferry operations, conducting a vital homeland security mission and maintaining the critical waterways throughout the Coal Shovel operating area.

To the Captains and Crews of these fine vessels, please accept thanks and appreciation for your hard work and the successful completion of Operation Coal Shovel. Appreciation is also extended to the Commanding Officer and flight crews of Air Station Detroit and the ice observers of Group Detroit, who flew 35 sorties with 68 hours of observer time in support of this mission. (From Capt. Watson). [17/04]

LAKE HURON - ST. CLAIR RIVER LAKE ST. CLAIR - DETROIT RIVER - LAKE ERIE - Obstruction Removal and Survey Operations

Beginning on or about 5 April 2004, and continuing throughout the 2004 navigation season, the U.S. Army Corps of Engineers' s/v WHEELER, Cranebarge VELER, along with other survey vessels and attendant plant, will perform obstruction removal and survey operations in various Federal navigation channels of Lake Huron, the St. Clair River, Lake St. Clair, the Detroit River, and Lake Erie. Operations will be conducted Monday through Friday from 0700 to 1900 hours. Mariners are urged to use extreme caution and reduce speed when navigating in the vicinity of these operations. All inquiries should be addressed to CELRE-OT-T and should refer to Notice to Navigation Interests No. L04-01. Internet address: <http://www.lr.usace.army.mil> Go to: Detroit Home Page, Who We Are, Operations Office Home Page. [12/04]

ST MARYS RIVER - Lake Nicolet T Sault Ste Marie – Chart 14883

U.S. Army Corps Of Engineers decommissioned Little Rapids Cut Lighted Ice Buoy 98B (LLNR-14105). The Western and the Eastern section of the ice-boom has been removed with the exception of three lower sections which do not interfere with traffic. Two way traffic has been reestablished. [17/04]

ST MARYS RIVER – Munuscong Lake – 14882, 14883

The U.S. Army Corps of Engineers have located significant shoaling in the Lower Rock Cut, Course 6, West Neebish Channel. Shoals as much as 4.5 ft above the project depth of 28.5 ft has been observed. Shoaling is between West Neebish Channel Lights 27 and 28 to West Neebish Channel Lights 25 and 26. The most significant shoaling is located 75 ft on either side of the channel centerline. Mariners are cautioned to use extreme care when transiting this area and stay as Close to the center of the channel as possible. [17/04]

ST MARYS RIVER – Ice Control Booms, Course 2, Little Rapids Channel – Chart 14883

Removal of the easterly and westerly ice booms at the head of Little Rapids Channel was completed on 07 Apr 2004. The full channel width is now available for use in this reach of the river. [17/04]

LAKE MICHIGAN – Grays Reef Passage – Opening – Chart 14911

In accordance with 33 CFR 165.901 the Captain of the Port Sault Ste Marie reopened Grays Reef Passage. [17/04]

OPERATION OIL CAN STAND DOWN

Ice deterioration has been so significant as to leave most of Green Bay ice free. Remaining ice in Green Bay presents no difficulty to navigation. Stand down from Operation Oil Can. Group Milwaukee stations discontinue ice reports. With the extremely challenging 2003-2004 ice season, all units, and especially CGC Mobile Bay, exceeded expectations. Bravo Zulu for all of your hard work. [17/04]

KEWEENAW WATERWAY – Ice Breaking Operations

Coast Guard Cutter Sundew will commence icebreaking on Thursday April 15th in the Keweenaw Waterway from Dollar Bay to South of Portage Lake. Recreational ice users are encouraged to discontinue ice use in this area by Wednesday April 14th. Icebreaking will continue as necessary to keep routes open for the commissioning of Aids to Navigation and opening of the search and rescue station. Persons are reminded that no ice is safe ice and using ice near icebreaking operations is extremely hazardous. Interested persons are encouraged to call Coast Guard Group Sault Ste Marie at 906-635-3233. [17/04]

LAKE SUPERIOR, ST MARYS RIVER, AND STRAITS OF MACKINAC

All mariners are advised that Group Sault Ste Marie has terminated Operation Taconite. St Marys River winter reporting points will be terminated as of midnight 12 April and summer reporting points will be in effect. [17/04]

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 13, 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.	LNMR Ref.
2310	IRONDEQUOIT BAY LT 7	LT EXT	14804	B012-04	17/04
2315	IRONDEQUOIT BAY LT 8	LT EXT	14804	B012-04	17/04
3450	DUNKIRK HBR B 9	OFFSTA	14823		15/04
3705	CONNEAUT HBR W BKWL LT	LT EXT	14824	B004-04	14/04
3800	ASHTABULA HBR W PIER LT	LT EXT	14836	B007-04	15/04
4035	CLEVELAND INTAKE LB (P)	MISSING	14826	D309-03	11/04
4620	MOSELEY CHL B 10	OFFSTA	14845	D041-04	15/04
5565	KELLEYS ISL SHL LB 1	OFFSTA	14844	D031-04	13/04
6100	MAUMEE BAY B 12	OFFSTA	14847	D004-04	11/04
7350	WEST OUTER CHL LB 4	MISSING	14844		17/04
8525	ST CLAIR LT	LT EXT	14850	D020-04	11/04
11750	POE REEF LT	RACON INOP	14881	S062-04	17/04
12770	DETOUR REEF LT	RACON INOP	14880	S037-04	13/04
13695	MOON ISL LB 13	LT IMCH	14883	S067-04	17/04
13725	W NEEBISH CHL DNBD B 7	OFFSTA	14883	S023-04	11/04
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
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 EXT	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
19515	ST JOSEPH N PHD LT	F/S CONT.	14930	G014-04	17/04
19575	BAILEYTOWN WATER INTAKE CRIB LT (P)	LT EXT	14926	M034-04	16/04
20015	WATER FILTRATION PLANT LT B (P)	LT EXT	14928	M038-04	16/04
20360	ZION INTAKE W LT	LT IMCH	14904	M039-04	16/04
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

B. DISCREPANCIES CORRECTED

LLNR	Name of aid	Status	Charts Affected	BNM Ref.	LNMR Ref.
3700	CONNEAUT HBR BKWL LT 1	LT EXT	14824	B002-04	11/04
6145	MAUMEE BAY B 19	OFFSTA	14847	D004-04	11/04
6580	MONROE ENTR B 3	OFFSTA	14846	D009-04	11/04
9860	HARTS LANDING LT	LT EXT	14852	D043-04	16/04
11745	CORDWOOD PT LB 1	OFFSTA	14881	S057-04	16/04
13095	MUNUSCONG CHL B 15	OFFSTA	14883	S059-04	16/04
13575	W NEEBISH CHL LIB 36	OFFSTA	14883	S056-04	16/04
13585	WEST NEEBISH CHL B 34	OFFSTA	14883	S055-04	15/04
20860	MANITOWOC BKW LT	F/S INOP	14922		15/04
21005	STURGEON BAY N PHD LT	F/S INOP	14919		15/04

III. TEMPORARY CHANGES IN AIDS TO NAVIGATION as of 1000, April 13, 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
13720	WEST NEEBISH CHL DNBND B 8	TEMP DISESTB		S047-04	14/04
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
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.						
14806	23rd ed. THIRTYMILE POINT TO PORT DALHOUSIE, ONT. (LORAN C)	8/15/92	Last LNM 11/03	NAD 83	(NW - 7529)	17/04
	Add	1 foot sounding at			43°18'55.60"N	078°50'21.10"W
	Change	depth legend to: 6 FT FOR WIDTH OF 80 FT AUG 2003 at			43°19'07.60"N	078°50'10.60"W
		depth legend to: 2 ft FOR WIDTH OF 80-300 FT AUG 2003 at			43°18'53.10"N	078°50'30.10"W
14810	4th ed. OLCOTT HARBOR TO TORONTO (LORAN C)	4/26/97	Last LNM 13/02	NAD 83	(NW - 7529)	17/04
	Add	3 meter sounding at			43°18'55.60"N	078°50'21.10"W
	Change	depth legend to: 1.8m FOR WIDTH OF 24m AUG 2003 at			43°19'07.60"N	078°50'10.60"W
		depth legend to: .6m FOR WIDTH OF 24-91m AUG 2003 at			43°18'53.10"N	078°50'30.10"W
14824	26th ed. SIXTEENMILE CREEK TO CONNEAUT (LORAN C)	Oct 2003	Last LNM 32/03	NAD 83	(NW - 7466)	17/04
	Inset: Conneaut Harbor, Ohio					
	Change	depth legend to: 22 FEET SEP 2003 at			41°58'13.60"N	080°32'55.10"W
14932	22nd ed. HOLLAND HARBOR	1/27/96	Last LNM 16/04	NAD 83	(CGD9)	17/04
	Delete	16 ft sounding at			42°46'24.90"N	086°12'59.20"W

V. ADVANCE NOTICE OF CHANGES TO AIDS TO NAVIGATION

LAKE ONTARIO - Black River Bav, 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 Fl 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]

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]

LAKE ERIE – Toussaint River – Characteristic Change – Chart 14842, 14846

The Coast Guard is proposing to add a FI R 4s light to Toussaint River Buoy 2. [14/04]

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]

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

The Coast Guard is proposing to relocate 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 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

LAKE ERIE – Cleveland, OH, Including Lower Cuyahoga River – Chart 14839

On 15 June Durocher Marine will commence work on the following project which will run seven days a week 24 hours a day through 31 December 2004. Place fill in 0.15 acre of Lake Erie; install approximately 4,751 linear feet of 10-foot diameter sewer outfall; install approximately 780 linear feet of temporary steel sheet piling; disassemble and reconstruct a Army Corps breakwater; and perform dredging in Lake Erie. Project is located in Lake Erie, at the westerly wastewater treatment center, in the city of Cleveland, Cuyahoga County, Ohio. Three barges (Kokosing 1, SAM II and MM142) will be on scene and channels 13, 16 and 18 will be monitored. All passing vessels are requested to maintain a safe distance and slow speed. Durocher Marine will install three mooring buoys (Q W) in position 41-29-57.80N 81-43-30.71W, 41-30-01.71N 81-43-23.07W, and 41-30-05.60N 81-43-15.45W. In addition two lights (Q W, height above water 10ft. with Danger signs) will be installed on the Outer Sheet Pile Cell in position 41-29-48.04N 81-43-41.24W and 41-29-48.73N 81-43-39.51W. The Outer sheet pile cell will be constructed on the north side of the disassembled Army Corps breakwall. Six additional lights will be will be installed on the Inner Sheet Pile Cell (Q W, height above water 10ft.) in the following positions 41-29-42.56N 81-43-35.91W, 41-29-43.56N 81-43 35.94W, 41-29-44.48N 81-43-36.43W, 41-29-45.40N 81-43-36.92W, 41-29-46.12N 81-43-37.81W and 41-29-46.75N 81-43-38.83W.

Mariners are also advised that the sheet pile cells will be constructed during various phases of the project and that not all portions of the cells and not all lights will be in place during the entire project but will be constructed or removed as needed. The pile driving, excavation, pipe installation and associated driving operations will be done from a barge moored in a four-point anchor spread. Anchor system will consist of yellow anchor cans with reflective tape (cylindrical in shape) 30 inches by 13 feet with approximate height above water of one (1) foot. Anchors will be danforth or navy stockless type weighing 10,000 pounds. Each anchor will have 60 feet of anchor chain and 60 feet of 1-1/4 inch pendant cable between the anchor and the anchor can. Anchors will be attached to the barge (via the anchor cans) with 1-1/4 inch wire rope. The barge and anchor system will move to various anchor points throughout the project between the following points. 41-29-48.8N 81-43-44.8W, 41-29-48.7N 81-43-34.9W, 41-30-33.2N 81-43-44.3W, 41-30-33.2N 81-43-34.4W. All passing vessels requested to maintain a safe distance and slow speed. For further information contact Durocher Marine at 216-961-7889 (Cleveland office) or 231-627-5633 (Cheboygan, MI). Supersedes 14/03. [17/04]

LAKE ERIE – Bolles Harbor, MI – Dredging – Chart 14846

The MCM Marine Inc. will be conducting dredging in Bolles Harbor, MI beginning 15 Apr 04 and completing work 15 May 04. Hours of operation will 24 hours per day 7 days per week. The dredge KINGFISHER may be contacted on Channels 10 or 16 VHF-FM. Boaters are advised to use caution around the dredge plant and observe no wake zone with 500 feet of dredge plant. For further information contact Mr. Joe McCoy at (906) 632-4316. [17/04]

LAKE ERIE – Maumee River, OH – Shoreline Rip Rap Protection – Chart 14847

The Geo Gradel CO. has placed shoreline rip rap protection in the Maumee River just north of the N.S. RR Bridge downstream from the grain elevators. Armor stones will be placed along the east shoreline and transporting barges from the Army Corps disposal facility will be conducted from 12 Apr 04 until 01 May 04. Hours of operation will be from 0730 to 1700, Monday through Friday. The M/V JOHN FRANCIS may be contacted via cellular phone at (419) 262-5257 or Channels 16 and/or 19 VHF-FM. For further information contact Mr. Dave Finger (419) 691-7123. [17/04]

LAKE MICHIGAN – Manistee Harbor, MI – Dredging – Chart 14938

The MCM Marine Inc. will be conducting dredging in Manistee Harbor, MI beginning 15 Apr 04 and completing work 30 Apr 04. Hours of operation will 24 hours per day 7 days per week. The dredge ARTHUR-J may be contacted on Channels 10 or 16 VHF-FM. Boaters are advised to use caution around the dredge plant and observe no wake zone with 500 feet of dredge plant. For further information contact Mr. Joe McCoy at (906) 632-4316. [17/04]

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
<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
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 OPENING
<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
Saugatuck Harbor, MI	16/04	MAINTENANCE DREDGING	24 HRS/ 7 DAYS A WK	20 APR 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
Chicago Harbor, IL	33/03-36/03	BRIDGE MAINTENANCE 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
Milwaukee River, WI	11/04	KNAPP ST BRIDGE CONSTRUCTION	0600-1800/MON – FRI	23 APR 04
Sturgeon Bay Harbor, WI	11/04	BRIDGE MAINTENANCE	0600-1800/MON – FRI	01 JUL 04
St Joseph Harbor, MI	14/04	SPECIAL EVENTS BRIDGE CLOSURE	1000-1700	01 MAY 04
<u>LAKE SUPERIOR</u>				
Keweenaw MI	03/03	BRIDGE OP SCHEDULE DURING REHAB	0700-1800/ MON – FRI	31 OCT 04
Ontonagon Harbor, MI	14/04	DREDGING	24 HRS/ 7 DAYS A WK	15 JUL 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.

<u>Location</u>	<u>Events</u>	<u>Dates</u>	<u>Time (Local)</u>
<u>LAKE ERIE</u>			
Sandusky, OH	Sandusky Sail Club Junior Regatta	June 19	0900-1700
<u>LAKE MICHIGAN</u>			
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
10010	<i>NOAA Lighted Weather Buoy 45008</i>	44 16 30 N 82 24 54 W	Fl (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 can from Dec. 1 To Apr. 1.
		*					

17/04

IX. **ENCLOSURES**

- (1) Soundings – St. Clair River, Detroit River.
- (2) Condition of Channel – West Neebish Channel Course 6.
- (3) Changes No. 01 to the U.S. Coast Pilot 6, Great Lakes 2004 34th Edition

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

LEAST AVAILABLE DEPTHS

as of 26 Mar 03

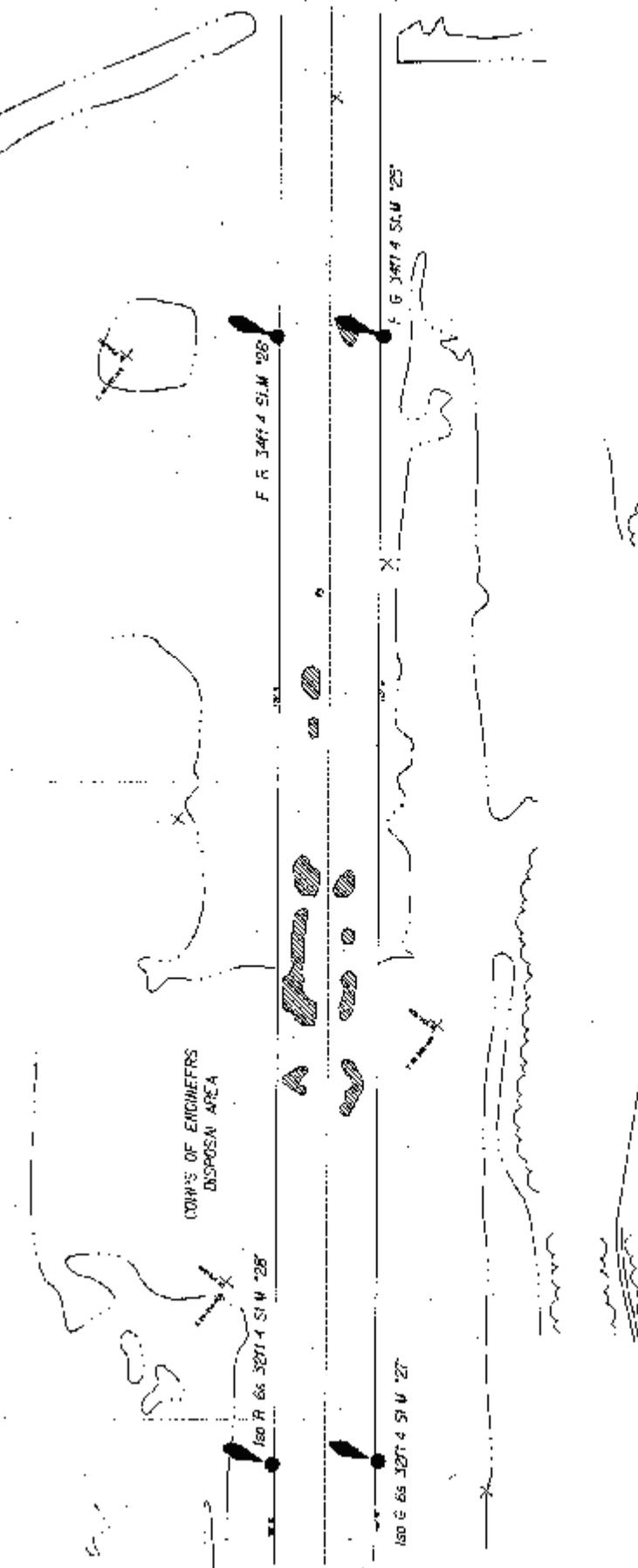
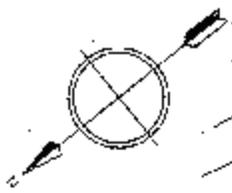
(All Channels are notated from Seaward including Livingstone Downbound, Trenton Channel and Belle Isle North Channel)
 (The Least Available Depths are indicated in quadrants from the center of the channel)
 (The represented data does not include the outer 40'-0" of channel limits)

Channel	Sheet no.	Dates of Surveys	Channel Width	Project Depth	Left Outside	Left Inside	Right Inside	Right Outside
DETROIT RIVER								
LIVINGSTONE CHANNEL								
Buoy # 22 -to- Lt. D-30	1 - 3	6, 24 JUNE 2003	1200	29.0	26.8	27.2	27.5	27.4
Lt. D-30 -to- Buoy DL-4	3 - 5	27, 29, MAY + 6, JUNE 2003	800	29.0	26.8	27.9	27.5	27.6
Buoy DL-4 -to- Limit 29.0' Prj. Depth (S. of Lt. DL-14)	5 - 7	21, 27 MAY 2003	450	29.0	27.1	27.8	27.4	27.4
Least Available Depth: Buoy 22 to - Upstream Limit of Project Depth.....					26.8	27.2	27.4	27.4
Limit 27.7 Prj. Depth -to- Lt. DL-16	7 - 9	21 MAY & 15 OCT 2003	450	27.7	26.1	26.6	26.7	26.6
Lt. DL-16 -to- Lt. DL-26	9 - 13	15, 19, 21 MAY 2003	450	27.7	26.5	26.6	26.8	26.8
Lt. DL-26 -to- Lt. D-77 (Liv. Ch. Entrance)	13 - 14	15, 20 MAY 2003	450 - 550	27.7	26.5	26.8	26.8	26.8
Least Available Depth: Downstream Limit of Project Depth to - Light D 77					26.1	26.6	26.7	26.6
AMHERSTBURG CHANNEL								
BAR PT. SHOALS, HACKETT REACH (WEST SIDE)								
Lt. 30 -to- Lt. 33 Prj. Depth 28.5'	1 - 2	9 JULY 2003	400 - 300	28.5	26.6	28.5	27.3	27.5
Lt. 33 -to- Buoy D44	2 - 3	30 JUNE + 9 JULY 2003	300	28.5	28.1	27.7	26.5	27.3
Buoy D44 -to- Buoy D50	3 - 5	4, 30 JUNE 2003	300	28.5	28.0	27.7	26.5	26.0
Buoy D50 -to- Limit 28.5' Prj. Depth (by Buoy D-56)	5 - 7	2, 4, 30 JUNE 2003	300	28.5	27.3	27.5	27.5	26.2
Least Available Depth: Light 30 to - Buoy D 57					26.6	27.5	26.5	26.0
AMHERSTBURG CHANNEL (PROJECT DEPTH CHANGE WEST SIDE)								
Limit 27.5' Prj. Depth -to- Lt. 61 (by Buoy D-56)	7 - 8	2 JUNE 2003	300	27.5	27.1	27.0	27.0	27.0
Lt. 61 -to- Buoy D63	8 - 9	2, 3 JUNE 2003	300	27.5	27.1	27.0	27.0	24.1
Buoy D63 -to- Lt. 69	9 - 10	3, 5 JUNE 2003	300	27.5	27.3	27.3	27.1	25.6
Least Available Depth: Buoy D 57 to - Light 69					27.1	27.0	27.0	24.1
AMHERSTBURG CHANNEL								
BAR PT. SHOALS, HACKETT REACH, AMHERSTBURG and LIMEKILN (EAST SIDE)								
Lt. 30 -to- Lt. 33 Prj. Depth 21.0'	1 - 2	9 JULY 2003	300 - 400	21.0	20.0	19.2	20.2	20.3
Lt. 33 -to- Buoy D44	2 - 3	30 JUNE + 9 JULY 2003	400 - 300	21.0	20.0	19.2	20.2	20.3
Buoy D44 -to- Buoy D50	3 - 5	4, 30 JUNE 2003	300	21.0	20.3	19.9	20.4	20.9
Buoy D50 -to- Buoy D56	5 - 7	2, 4, 30 JUNE 2003	300	21.0	20.6	20.6	20.3	20.2

	Least Available Depth : Light 30 to - Buoy D 57	20.0	19.2	20.2	20.2			
AMHERSTBURG CHANNEL (PROJECT DEPTH CHANGE EAST SIDE)								
Limit 21.0' Proj. Depth -to- Lt. 61 (by Buoy D-56)	7 - 8	2 JUNE 2003	300	21.0	20.0	20.1	19.9	19.6
Lt. 61 -to- Buoy D53	8 - 9	2, 3 JUNE 2003	300	21.0	27.1	27.0	27.0	24.1
BuoyD53 -to- Lt. 69	9 - 10	3, 5 JUNE 2003	300	21.0	27.3	27.3	27.1	25.6
	Least Available Depth : Light 30 to - Light 69	20.0	20.1	19.9	19.6			
BALLARDS REEF CHANNEL								
P.D.Trms.Line S. of Lt. D74 to P.D. Trms. Line N. of L.V. Ent. Lt.	1 - 2	20 MAY + 9 JUNE 2003	600	27.5	27.2	27.4	26.8	26.6
	Least Available Depth : Light D 69 to - Upstream Limit of Project Depth	27.2	27.4	26.8	26.6			
P.D. Trans Line N. of Liv. Ent. Lt. to Buoy D60	2 - 3	20 MAY 2003	600	28.5	27.1	27.1	27.7	26.6
Buoy D80 -to- Buoy D84	3 - 5	20 MAY 2003 + 7, 8 JULY 2003	600	28.5	27.1	27.1	27.1	27.4
Buoy D84 -to- Buoy D87	5 - 6	8 JULY 2003	600 - 800	28.5	26.8	28.5	27.4	27.2
	Least Available Depth : Downstream Limit of P. D. to - Fighting Island south Light ..	26.8	27.1	27.1	26.6			
FIGHTING ISLAND CHANNEL								
C/L T.P. @ Fighting Is. S. Lt. -to- Lt. Junction Buoy D88	1	10 JULY 2003	800	28.5	27.7	28.5	27.3	27.4
Buoy D88 -to- Buoy D89	2	10 JULY 2003	800	28.5	27.2	28.5	28.5	28.5
Buoy D89 -to- Buoy D93	2 - 5	1, 2 JULY 2002	800	28.5	24.9	28.3	28.5	28.2
Buoy D93 -to- Fighting Is. N. Light	5 - 7	25, 26 JUNE + 1 JULY 2002	800	28.5	24.9	28.3	27.3	27.3
	Least Available Depth : Fighting Island south Light to - Fighting Island north Ligh	24.9	28.3	27.3	27.3			
ECORSE REACH								
F.I. North Lt. -to- Fed. Proj. Limit	1 - 2	14 JULY 2003	800	28.5	28.5	28.0	27.9	26.1
	Least Available Depth : Fighting Island north Light to - Federal Project Limit	28.5	28.0	27.9	26.1			
TRENTON CHANNEL								
Ecorse Reach West Chnl. -to- Buoy 20	1	16 OCT. 2003	300	27.0	26.1	27.0	27.0	27.0
Buoy 20 -to- Buoy 18	1 - 2	16, 29 OCT. 2003	300 - 670	27.0	26.1	26.4	26.9	26.8
Buoy 18 -to- Buoy 16	2 - 4	29 OCT + 3 NOV. 2003	300 - 670	27.0	24.4	26.4	26.9	26.2
Buoy 16 -to- Buoy 30	4 - 6	3, 6 NOV. 2003	670 - 300	27.0	26.1	26.1	26.8	26.9
Buoy 30 -to- Limit of 27.0' Proj. Depth (near Grosse Ile Bridge)	6 - 9	6, 12 NOV. 2003	300 - 510	27.0	26.1	26.6	25.5	26.2
	Least Available Depth : Ecorse Reach west chnl. Limit to - Downstream Proj. Limit	24.4	26.1	25.5	26.2			
Limit of 28.0' Proj. Depth (near Grosse Ile Bridge) -to- Limit of 28.0' Proj. Depth (S. end of N. Turn. Basin near Buoy 17)	9 - 10	12, 18 Nov. 2003	300 - 800	28.0	26.2	26.7	26.7	26.7
	Least Available Depth : Upstrm. Limit of Proj. Depth to - Dwnstrm. Proj. Limit	26.2	26.7	26.7	26.7			

Limit of 21.0' Proj. Depth -to- Buoy 11 (near Buoy 17)	10 - 11	18, 19 Nov. 2003	300 - 800	21.0	27.1	27.3	28.0	28.0
Buoy 11 -to- CS 461+00	11 - 14	20, 26 NOV. 2003	300 - 1000	21.0	16.1	14.1	17.1	16.5
Least Available Depth : Upstrm. Limit of Proj. Depth to - End of Federal Project ...					16.1	14.1	17.1	16.5
FLEMMING CHANNEL								
BELLE ISLE REACH, WINDMILL PT. REACH, WM. LIVINGSTONE REACH								
Dwnstr. Limit of Fed. Proj. -to- Buoy DPB	1 - 3	14 Oct. + 17 Nov. 2003	800	28.5	27.5	28.5	28.5	25.2
Buoy DPB -to- Buoy 114	3 - 5	10, 17 Nov. 2003	800	28.5	27.1	28.5	28.5	25.1
Buoy 114 -to- Limit of 28.5' Proj. Depth	5 - 7	20 Oct + 4, 10 Nov. 2003	1000 - 800	28.5	27.1	27.5	27.5	27.5
Least Available Depth : Upstrm. Limit of Proj. Depth to - Dwnstrm. Limit of Proj. Do					27.1	27.5	27.5	25.1
Limit of 27.5' P.D. -to- Buoy # 2	7	20 Oct. 2003	1000 - 800	27.5	27.2	27.5	27.5	27.5
Least Available Depth : Upstrm. Limit of Proj. Depth - end of Fed. Proj.- to - Buoy #					27.2	27.5	27.5	27.5
BELLE ISLE NORTH CHANNEL								
Ent. near Buoy # 113 -to- End of Fed. Proj.	1	17 Nov. 2003	200	21.0	20.5	20.9	20.6	20.5
Least Available Depth : Livingstone Reach w. chnl. Limit to - End of Federal Projec					20.5	20.9	20.6	20.5
LAKE ST CLAIR, PEACH ISLAND RANGE								
Buoy 2 -to- Buoy 7	1 - 4	April 2001	800	27.5	27.2	27.5	27.5	27.5
Buoy 7 -to- Buoy 11	4 - 6	4, 5, Aug. '99	800	27.5	26.4	27.3	27.0	26.4
Buoy 11 -to- Buoy 13	6 - 7	5, 9, Aug. '99	800	27.5	26.4	27.5	27.5	26.9
Buoy 13 -to- Buoy 17	7 - 10	9, 11, Aug. '99	800	27.5	26.4	27.5	27.5	26.3
Buoy 20 -to- Buoy 24	10 - 15	11, 12, Aug. '99	800	27.5	27.5	27.5	27.5	25.0
Least Available Depth : Buoy # 2 to - Buoy # 24					26.4	27.3	27.0	25.0
ST. CLAIR FLATS RANGE								
Crib Light -to- Buoy 28	1	18 AUG. 2003	800	27.5	25.8	27.2	26.4	25.5
Buoy 28 -to- Junction Buoy	2	18 AUG. 2003	800 - 1000	27.5	27.5	27.3	25.7	24.2
Least Available Depth : from Crib Light to - Junction Buoy.....					25.8	27.2	25.7	24.2
SOUTHEAST BEND CUTOFF CHANNEL								
Junction Buoy -to- International Boundary	1-2	18 Aug. 2003	700 - 830	27.1	27.1	27.1	27.1	26.8
Least Available Depth : from Crib Light to - International Boundary					27.1	27.1	27.1	26.8
ST. CLAIR RIVER								
Lt. 11 -to- Buoy X-50	1	18 AUG. 2003	700	27.1	26.3	27.1	27.1	27.1
Buoy X-50 -to- Buoy 16	1 - 2	18 AUG + 16 SEP 2003	700	27.1	26.3	27.1	27.1	27.1
Buoy 16 -to- Lt. 20	2 - 3	16, 17 SEP 2003	700	27.1	27.2	27.2	26.3	24.6

		Least Available Depth : Light # 11 to - Buoy A 22	26.3	27.1	26.3	24.6	
Lt. 20 -to- Buoy A24	3 - 5	18 AUG + 17, 18 SEP 2003	900	27.2	27.2	26.3	24.6
Buoy A24 -to- Buoy 29(Russel Is. Lower Lt.)	5 - 9	18 AUG + 18, 22, 23 SEP + 2 OCT 2003	900 - 1000	27.2	25.2	27.2	27.0
		Least Available Depth : Buoy A 16 to - Buoy A 30	25.2	27.2	26.3	24.6	
Russel Is. Lwr. Lt. -to- Russel Is. Shoal Buoy	9 - 11	18 AUG + 23 SEP 2003	1000	27.3	25.6	27.3	26.4
Russel Is. Shoal Buoy -to- Buoy A36	11 - 13	18 AUG + 8, 9 OCT 2003	1000	27.3	27.3	27.3	27.3
Buoy A36 -to- Buoy 42	13 - 22	25, 29, 30 SEP + 1, 6, 7, 8 OCT 2003	1000	27.3	25.6	27.3	25.1
Buoy 42 -to- Stokes Pt. Wharf Lt.	22 - 23	15, 25 SEP 2003	1000	27.3	26.5	27.3	25.1
Stokes Pt. Wharf Lt. -to- Buoy A46	23 - 29	15 SEP 2003	1000	27.3	26.5	27.3	26.4
Buoy A46 -to- Buoy A52	29 - 33	25 AUG + 9, 10 SEP 2003	1000 - 900	27.3	26.4	27.3	26.4
Buoy A52 -to- Buoy A54	33 - 35	25, 27 AUG 2003	900 - 1000	27.3	26.2	27.3	26.4
Buoy A54 -to- Buoy 55	35 - 36	27 AUG 2003	1000 - 1200	27.3	27.3	27.3	27.3
Buoy 55 -to- Buoy 56	36 - 38	27, 28 AUG 2003	1200 - 1000	27.3	26.6	26.9	26.8
Buoy 56 -to- Stag Is. Middle Lt.	38 - 40	28 AUG + 3 SEP 2003	1000	27.3	26.6	27.1	27.1
Stag Is. Middle Lt. -to- Limit 27.3' Proj. Depth (Stag Is. Uppr Lt.)	40 - 42	2, 11 SEP 2003	1000	27.3	26.3	27.3	27.3
		Least Available Depth : Buoy 29 to - Upstream Limit of Project Depth	25.6	26.9	26.6	25.1	
Limit 27.4' Proj. Depth (Stag Is. Uppr. Lt.) -to- Buoy A60	42 - 43	11 Sep. 2003	1000	27.4	26.7	27.4	27.4
Buoy A60 -to- Black River Ent. Light	43 - 50	25 Aug + 4, 8, 11 Sep. 2003	1000 - 1400	27.4	26.2	26.7	26.8
Black River Ent. Light -to- Limit of 27.4 Proj. Depth	50	25 Aug. 2003	1400 - 500	27.4	26.2	26.8	27.4
CS 2019+00 -to- CS 2149+00	51 - 54	5, 8 Aug. 2002	1400 - 800	27.4	27.4	27.4	25.1
		Least Available Depth : Dwnstrm. Limit of Proj. Depth to - Upstrm. Limit	26.2	26.7	26.8	25.1	
Limit of 30.0' P.D. -to- BOUY #1	54	Sep. '94	800	30.0	29.5	30.0	30.0
		Least Available Depth : Dwnstrm. Limit of Proj. Depth to - Buoy # 1	29.5	30.0	30.0	30.0	
LAKE HURON							
POINT EDWARD RANGE							
Buoy 1 -to- Buoy 5	1 - 4	14, 21 Aug. 2003	800	30.0	27.0	30.0	26.0
Buoy 5 -to- Lighted Buoy # 7	5 - 6	21, 25 Aug. 2003	800	30.0	26.0	29.7	29.8
Buoy #7 -to- Buoy 9	7 - 8	25 Aug + 3 Sep. 2003	800	30.0	28.3	29.4	29.4
		Least Available Depth : Buoy # 1 to - Buoy # 9	26.0	29.4	29.4	26.0	



U. S. ARMY CORPS OF ENGINEERS
 SOO AREA OFFICE
 SAINT MARY'S RIVER
 COURSE 6 WEST NEEBISH CHANNEL
 CONDITION AS OF APR. 08, 2004

PREPARED BY: J.S.M.
 DRAWN BY: J.S.M.
 SCALE: N.T.S.
 DATE: 08 APR. 2004

NOTE:
 1. SHOALING SHOWN REPRESENTS SOUNDINGS ABOVE THE NOTED PROJECT DEP H. SOUNDINGS RANGE FROM 0.1'-1.5' ABOVE PROJECT. SIGNIFICANT SHOALING STARTS 50' EITHER SIDE OF CENTERLINE. MARINERS SHOULD USE EXTREME CAUTION WHILE TRANSITING AREA

TO ACCOMPANY NOTICE NO 104-07

Coast Pilot 6 34th Ed 2004 Corrections

Page 6-Paragraph 63, lines 5-7; read:
frequencies, and broadcast content are listed
on the Internet site, **Marine Product
Dissemination Information**,
(<http://www.nws.noaa.gov/om/marine/home.htm>).
For marine weather services ...
(NOS/04; Internet/04; CP1/03)

Page 120-Paragraph 1808 through Paragraph
1812, read:

(1) *Kewaunee Nuclear Power Plant*. All
navigable waters of Western Lake Michigan
encompassed by a line commencing from a point
on the shoreline at
44°20.715'N., 087°32.080'W., then
easterly to
44°20.720'N., 087°31.630'W., then
southerly to
44°20.480'N., 087°31.630'W., then
westerly to
44°20.480'N., 087°31.970'W., then
northerly following the shoreline back to the
point of origin (NAD 83).
(FR 1/29/04; CL 123/04)

Page 278-Paragraph 27, lines 11-13; read:
River, HURON MAIN, has an orange hull and a
white cabin with the word 'Pilot' printed on
the side of the cabin. Three pilot boats are
at Port Huron:
(DB 3018)

Page 366-Paragraph 228, lines 3-4; read:
162.120, chapter 2, for regulations.)
(NOS 14937)

Page 528-Paragraph 17, lines 6-8; read:
State Canal System Cruising Guide, available
from website <http://www.canals.state.ny.us> or
telephone 1-800-422-1825.
(43/03 CG1; Internet/04)

Page 528-Paragraph 23, line 10; read:
1-800-4CANAL4 or visit website
<http://www.canals.state.ny.us>.
(43/03 CG1)