

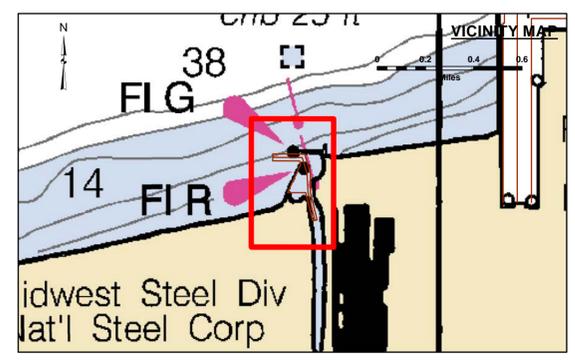
**DISCLAIMER:** The United States Government furnishes these data and the recipient accepts and uses them with the express understanding that the Government makes no warranty, expressed, implied, or otherwise, concerning the accuracy, completeness, reliability, usability, or suitability for any particular purpose of the data. The recipient shall be responsible for determining the accuracy of any of the application of the data for other than its intended purpose.

**Distribution Liability:** The data represents the results of data collection/processing for a specific US Army Corps of Engineers project. As such, it is only valid for its intended use, content, time and location. The recipient shall be responsible for determining the accuracy of any of the application of the data for other than its intended purpose.

<b>U.S. ARMY ENGINEERS CORPS OF ENGINEERS CHICAGO, ILLINOIS</b>	Surveyed by: Eric Schmidt	Survey Date: Jun 30, 2015
	Reviewed by:	
Path: G:\Hydro\products\MXD\LC_01_SBH.mxd		

**CHICAGO DISTRICT  
BURNS SMALL BOAT  
HARBOR, INDIANA  
FEDERAL NAVIGATION CHANNEL  
CONDITION SURVEY**

**Sheet  
Reference  
Number  
1 of 1**

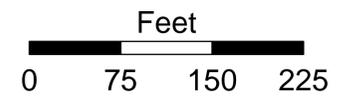
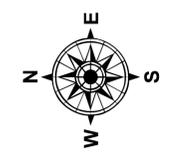


**LEGEND**

- Channel Centerline
- Channel Limits

- 4+ Feet Above Authorized Channel Depth
- 2-4 Feet Above Authorized Channel Depth
- 0-2 Feet Above Authorized Channel Depth
- 0-2 Feet Below Authorized Channel Depth
- 2-4 Feet Below Authorized Channel Depth
- 4+ Feet Below Authorized Channel Depth

UNLESS OTHERWISE NOTED PROJECT DEPTH IS 11.0' OUTER HARBOR 10.0' TURNING BASIN AND 6.0' CHANNEL BELOW LOW WATER DATUM.



**NOTES:**

THE SOUNDINGS INDICATED HEREON REPRESENT THE MINIMUM DEPTH SOUNDING THE FOOT BY FOOT AREA CENTERED AROUND THE TEXT. MINIMUM DEPTH DATA IS PRODUCED FOR STRIKE/SOAL REMOVAL OPERATIONS AND NOTICES TO NAVIGATION INTERESTS.

ELEVATIONS AND SOUNDING DEPTHS ARE REFERRED TO INTERNATIONAL GREAT LAKES DATUM 1985 (IGLD 85). LOW WATER DATUM ZERO IS 577.5 FEET ABOVE MEAN WATER LEVEL AT POINT RIMOUSKI QUEBEC. WATER LEVEL READINGS ARE FROM AN AUTOMATED GAUGE LOCATED AT WAUKEGAN HARBOR, ILLINOIS. DEPTHS ARE MEASURED USING AN R2SONIC 2024 MULTIBEAM SONAR.

THE INFORMATION DEPICTED ON THIS MAP REPRESENTS THE RESULTS OF SURVEYS MADE ON JUN 30, 2015 AND CAN ONLY BE CONSIDERED AS INDICATING THE GENERAL CONDITIONS PRESENT AT THE TIME.

HORIZONTAL POSITIONING IS DETERMINED USING THE DIFFERENTIAL GLOBAL POSITIONING SYSTEM (DGPS). THE DIFFERENTIAL CORRECTIONS ARE PROVIDED BY U.S. COAST GUARD DIFFERENTIAL BROADCAST STATIONS. SIGNAL STRENGTH IS USED AS THE DETERMINING FACTOR IN DIFFERENTIAL SELECTION. THE DGPS RECEIVER IS MANUFACTURED BY APPLANIX MARINE POS/MV VER 4.0

GRID COORDINATES ARE BASED ON THE INDIANA STATE PLANE COORDINATE SYSTEM, LAMBERT PROJECTION, INDIANA WEST (1302), NORTH AMERICAN DATUM 1983 (NAD83). ALL COORDINATES SHOWN ARE IN U.S. SURVEY FEET.