Notice to

Navigation Interests

US Army Corps
of Engineers
Buffalo District
1776 Niagara Street
Buffalo, New York 14207-3199

L 15 - 1	April 23, 2015
Notice No.	Date

Waterway

Lake Erie, Ohio

LRB-TD-ONS

Condition of Federal Navigation Channel
Cleveland harbor - Cuyahoga River, Ohio

1. Condition surveys performed within the Federal Navigation Channel at Cleveland harbor - Cuyahoga River, Ohio during the month of April 2015 indicate shoaling has reduced depths to those shown on the attached standard tabular form and channel condition drawings.

2. Soundings are in feet and referred to Low Water Datum (LWD) 569.2 feet above Mean Water Level (MWL) at Rimouski, Quebec (International Great Lakes Datum 1985).

3. Vessel operators are advised to use caution when navigating in this area.

4. Copies of the sounding print for Cleveland harbor - Cuyahoga River, Ohio consisting of (5) sheets, Cyr14VH101 thru 105, at a cost of $2.50 per sheet will be furnished upon receipt of a check in the full amount made payable to: USACE Finance and Accounting. Requests should be addressed to: District Commander, U.S. Army Engineer District, Buffalo, ATTN: NY/PA O&M Office, 1776 Niagara Street, Buffalo, New York 14207, requesting exact number or copies of sheets by file number. A point of contact and phone number must be indicated to facilitate response to the request. To download the same information and other related materials at no cost, simply point your browser to http://www.lrb.usace.army.mil/WhoWeAre/WaterMgmt/survey/survey.html click on the year and then locate the harbor on the table of harbors.

5. Buffalo District's point of contact in reference to the exact number of sheets, file number, and the availability of any later information pertaining to the area is Mr. Roman H. Figler III, PLS, Chief, Survey Section, Buffalo District, who may be contacted by phone at 716-879-4429.

FIGLER.ROMAN.H.III.1384329531

Digitally signed by FIGLER.ROMAN.H.III.1384329531
DN: c=US, o=U.S. Government, ou=DoD, ou=PKI, ou=USA, cn=FIGLER.ROMAN.H.III.1384329531
Date: 2015.04.23 09:53:47 -04'00'

Mr. ROMAN H. FIGLER III, PLS
Chief, Survey Section
NY/PA Operations and Maintenance Office

REPORT OF CHANNEL CONDITIONS (FOR CHANNELS LESS THAN 400 FEET WIDE) (ER-1330-2-316)	PAGE 2 OF 4 PAGES DATE April 23, 2015
TO: ACCOMPANY LOCAL NOTICE TO NAVIGATION INTERESTS No. **L15 - 1**	FROM: U.S. ARMY CORPS OF ENGINEERS, BUFFALO DISTRICT 1776 NIAGARA STREET, BUFFALO, NY 14207-3199 (716) 879-4292 FAX (716) 879-4356

RIVER/HARBOR NAME AND STATE
CUYAHOGA RIVER & OLD RIVER, CLEVELAND HARBOR, OHIO

NAME OF CHANNEL	DATE OF SURVEY	AUTHORIZED PROJECT			MINIMUM DEPTHS IN CHANNEL ENTERING FROM SEAWARD		
		WIDTH (feet)	LENGTH (feet)	DEPTH (feet)	LEFT OUTSIDE QUARTER (feet)	MIDDLE HALF (feet)	RIGHT OUTSIDE QUARTER (feet)
SHALLOWEST DEPTHS AS PER DRAWING					1	2	3
(J) CUYAHOGA RIVER CHANNEL, FROM ENTRANCE PAST BRIDGE #1 TO OLD RIVER CONFLUENCE.	APRIL 2015	230	1700	27	15.7	21.2	17.3
(B) CUYAHOGA RIVER CHANNEL, OLD RIVER CONFLUENCE TO BRIDGE #6.	APRIL 2015	250-300	6300 (c)	23	6.7	16.7	11.7
(C) CUYAHOGA RIVER CHANNEL, FROM BRIDGE # 6 TO BRIDGE # 12.	APRIL 2015	700-180	5500 (c)	23	6.0	10.6	7.6
(D) CUYAHOGA RIVER CHANNEL, FROM BRIDGE #12 TO BRIDGE # 17'S OLD LOCATION **	APRIL 2015	400-120	6400 (c)	14.2	8.5	15.8	7.0
(E) CUYAHOGA RIVER CHANNEL, FROM BRIDGE #17'S OLD LOCATION TO THE UPSTREAM END OF THE TURNING BASIN.	APRIL 2015	250-110	4000 (c)	23	14.2	17.0	11.3

FOOT NOTES

REMARKS: (b) IRREGULARLY SHAPED, SEE PROJECT CONDITION DRAWINGS; ** BRIDGE #17 HAS BEEN REMOVED.
(c) WINDING RIVER CHANNEL, WIDTHS VARY, NARROWING AT BRIDGES AND WIDENING AT TURNS.

NOAA Chart 14839

REPORT OF CHANNEL CONDITIONS (FOR CHANNELS LESS THAN 400 FEET WIDE) (ER-1330-2-316)	PAGE 3 OF 4 PAGES DATE April 23, 2015
TO: ACCOMPANY LOCAL NOTICE TO NAVIGATION INTERESTS No. **L15 - 1**	FROM: U.S. ARMY CORPS OF ENGINEERS, BUFFALO DISTRICT 1776 NIAGARA STREET, BUFFALO, NY 14207-3199 (716) 879-4292 FAX (716) 879-4356

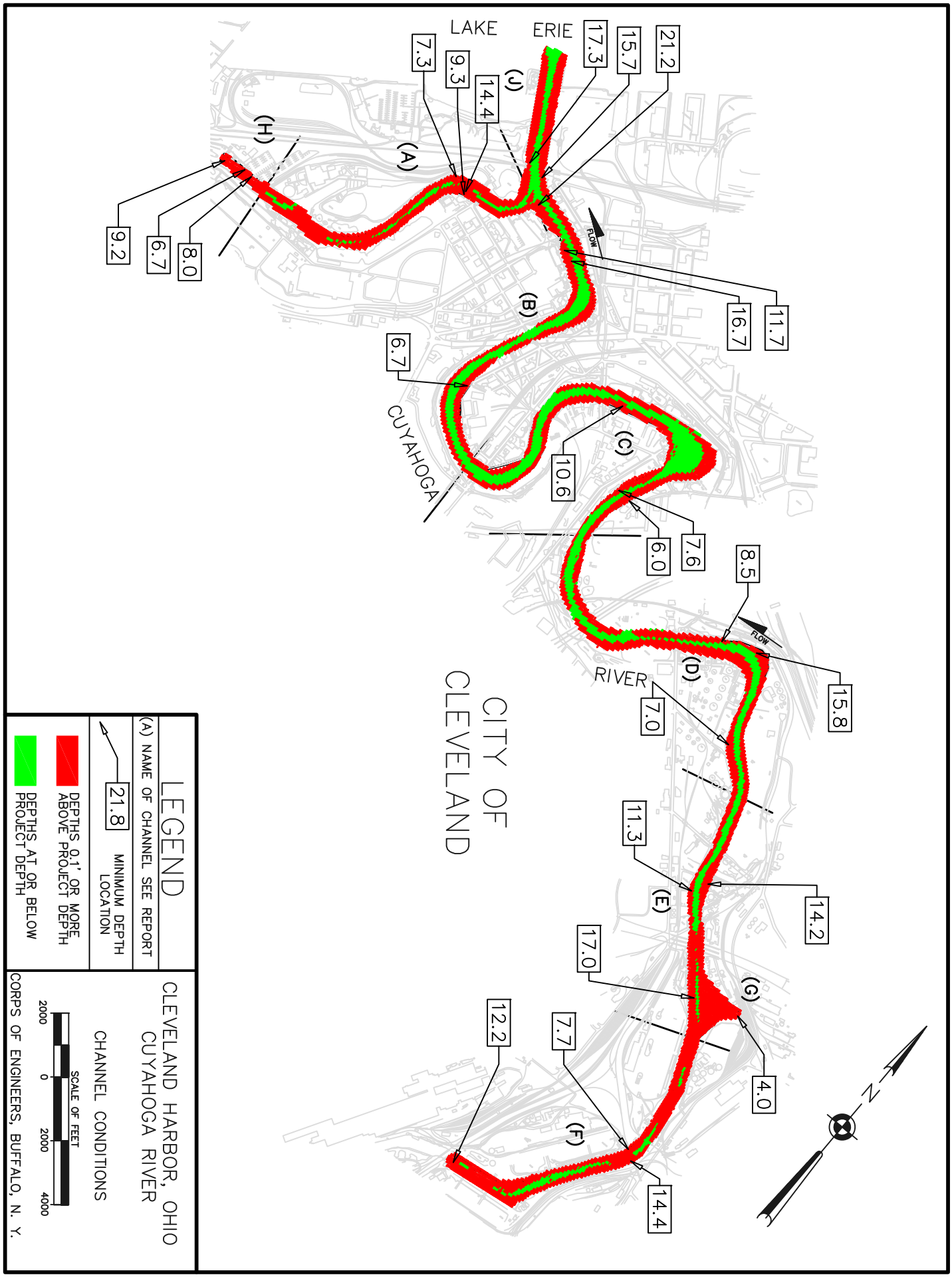
RIVER/HARBOR NAME AND STATE
CUYAHOGA RIVER & OLD RIVER, CLEVELAND HARBOR, OHIO

NAME OF CHANNEL	DATE OF SURVEY	AUTHORIZED PROJECT			MINIMUM DEPTHS IN CHANNEL ENTERING FROM SEAWARD		
		WIDTH (feet)	LENGTH (feet)	DEPTH (feet)	LEFT OUTSIDE QUARTER (feet)	MIDDLE HALF (feet)	RIGHT OUTSIDE QUARTER (feet)
SHALLOWEST DEPTHS AS PER DRAWING					1	2	3
(F) CUYAHOGA RIVER CHANNEL, FROM THE UPSTREAM END OF THE TURNING BASIN TO BRIDGE #23, (UPSTREAM TURNING BASIN, PROJECT LIMIT)	APRIL 2015	200-110	5200 ©	23	14.4	12.2	7.7
(A) OLD RIVER	APRIL 2015	200-125	5300 ©	27	9.3	14.4	7.3
(H) OLD RIVER UPPER END	APRIL 2015	120	710 (b)	27	9.2	8.0	6.7
(G) UPSTREAM TURNING BASIN	APRIL 2015	0-600	1000 (b)	18	4.0		

FOOT NOTES;

(b) IRREGULARLY SHAPED, SEE PROJECT CONDITION DRAWINGS;
© WINDING RIVER CHANNEL, WIDTHS VARY, NARROWING AT BRIDGES AND WIDENING AT TURNS.

NOAA Chart 14839


LAKE ERIE
CUYAHOGA RIVER
CITY OF CLEVELAND
FLOW
FLOW
(A)
(B)
(C)
(D)
(E)
(F)
(G)
(H)
(J)
21.2
15.7
17.3
7.3
9.3
14.4
9.2
6.7
8.0
11.7
16.7
6.7
10.6
7.6
6.0
8.5
15.8
7.0
11.3
14.2
17.0
4.0
7.7
12.2
14.4
N
LEGEND
(A) NAME OF CHANNEL SEE REPORT
21.8 MINIMUM DEPTH LOCATION
DEPTHS 0.1' OR MORE ABOVE PROJECT DEPTH
DEPTHS AT OR BELOW PROJECT DEPTH
CLEVELAND HARBOR, OHIO
CUYAHOGA RIVER
CHANNEL CONDITIONS
SCALE OF FEET
2000 0 2000 4000
CORPS OF ENGINEERS, BUFFALO, N. Y.