



Notice to Navigation Interests

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

L 12 – 23	August 24, 2012
Notice No.	Date
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Waterway	

Lake Erie, Ohio

LRB-TD-ONS

Condition of Federal Navigation Channel Cleveland Harbor, Cleveland, Ohio

1. Condition surveys performed within the Federal Navigation Channel at Cleveland Harbor, Cleveland, Ohio during the months of May to August 2012 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, Cleveland, Ohio consisting of (4) sheets, 12S-CLV-1/1 to 1/4, 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 web 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.

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

**REPORT OF CHANNEL CONDITIONS
(FOR CHANNELS 400 FEET WIDE OR GREATER)
(ER-1330-2-316)**

PAGE 2 OF 4 PAGES

DATE August 24, 2012

TO: ACCOMPANY LOCAL NOTICE TO NAVIGATION INTERESTS, DATED

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 CLEVELAND HARBOR, CLEVELAND HARBOR, OHIO					MINIMUM DEPTHS IN CHANNEL ENTERING FROM SEAWARD			
NAME OF CHANNEL	DATE OF SURVEY	AUTHORIZED PROJECT			LEFT OUTSIDE QUARTER (feet)	LEFT INSIDE QUARTER (feet)	RIGHT INSIDE QUARTER (feet)	RIGHT OUTSIDE QUARTER (feet)
		WIDTH (feet)	LENGTH (feet)	DEPTH (feet)				
SHALLOWEST DEPTHS AS PER DRAWING					1	2	3	4
(A) LAKE APPROACH CHANNEL.		> 600	1000 (a)	29	N/A	N/A	N/A	N/A
(B) HARBOR ENTRANCE CHANNEL.	MAY 2012	600-700	1150	29.0	26.8 (1)	28.0	28.3	24.3 (2)
(C) WESTERLY 400 FOOT OF THE WEST BASIN.	JULY 2012	800-330	400	28	16.0	13.8	13.0	12.0 (3)
(D) WEST BASIN, MAIN SECTION.	JULY 2012	1560-800	4400 (b)	28	22.4 (4)	24.0	22.5	17.6 (5)
(E) BASINS & CUYAHOGA RIVER ENTRANCE CHANNEL.	JULY AUGUST 2012	760-230	1200	28	25.7 (6)	28	28	23.7 (7)

FOOT NOTES

- (1) Shoaling to 26.4 within 3' of Left limit 41.50758856 N 81.71320311 W
- (2) Shoaling to 23.8 within 1' of Right limit 41.50634554 N 81.71536316 W
- (3) Shoaling to 11.3 within 0' of Right limit 41.49656542 N 81.72669891 W
- (4) Shoaling to 21.3 within 9' of Left limit 41.50230252 N 81.7132488 W
- (5) Shoaling to 13.6 within 0' of Right limit 41.49990231 N 81.72665955 W
- (6) Shoaling to 24.5 within 0' of Left limit 41.50746413 N 81.71312304 W
- (7) Shoaling to 23.1 within 1' of Right limit 41.50629077 N 81.71530777 W

REMARKS: (a) LENGTH VARIES DEPENDING ON THE LOCATION OF THE 29 FOOT CONTOUR IN LAKE ERIE.
(b) IRREGULARLY SHAPED, SEE PROJECT CONDITION DRAWINGS.

NOAA Chart 14839

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(FOR CHANNELS 400 FEET WIDE OR GREATER)
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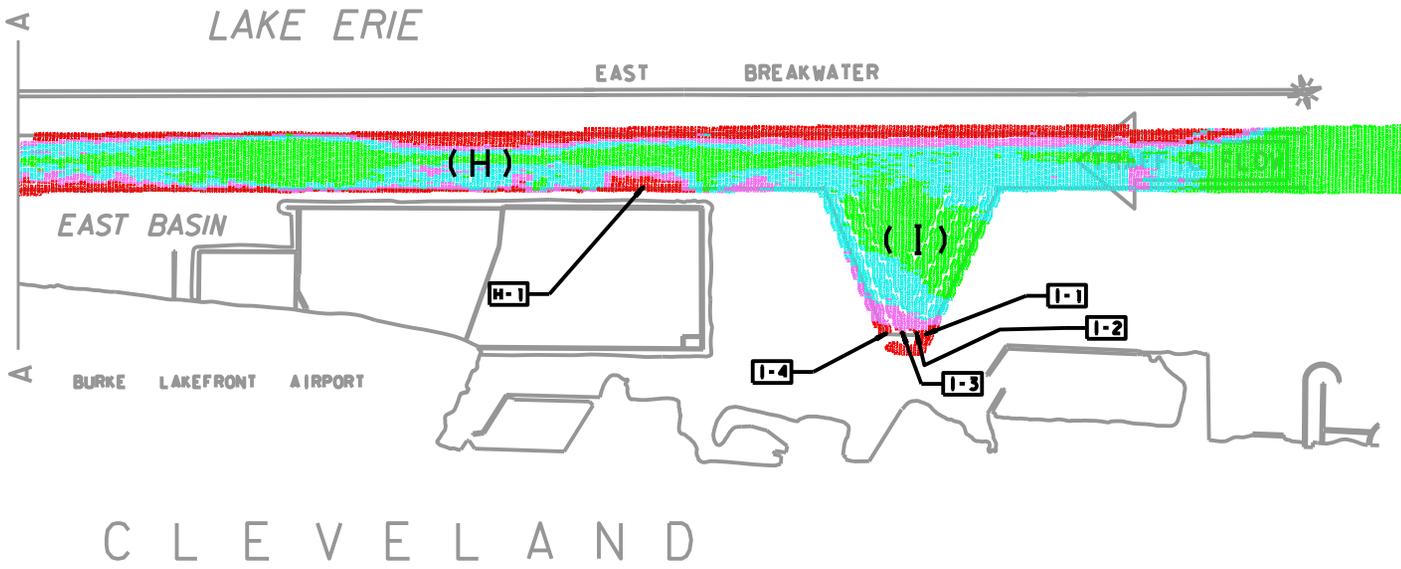
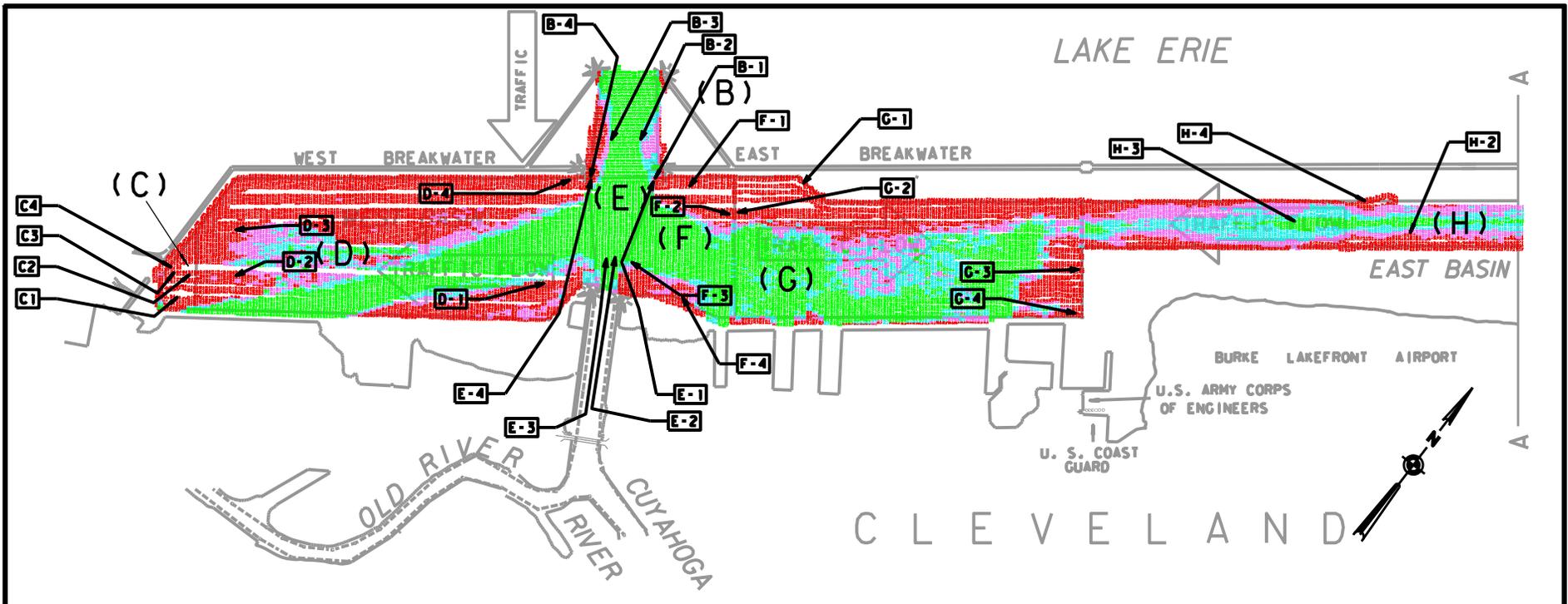
RIVER/HARBOR NAME AND STATE CLEVELAND HARBOR, CLEVELAND HARBOR, OHIO					MINIMUM DEPTHS IN CHANNEL ENTERING FROM SEAWARD			
NAME OF CHANNEL	DATE OF SURVEY	AUTHORIZED PROJECT			LEFT OUTSIDE QUARTER (feet)	LEFT INSIDE QUARTER (feet)	RIGHT INSIDE QUARTER (feet)	RIGHT OUTSIDE QUARTER (feet)
		WIDTH (feet)	LENGTH (feet)	DEPTH (feet)				
SHALLOWEST DEPTHS AS PER DRAWING					1	2	3	4
(F) WEST SECTION OF EAST BASIN.	JULY AUGUST 2012	1560	1300 (b)	28	18.0 (1)	21.2	27.3	24.3 (2)
(G) MIDDLE SECTION OF EAST BASIN.	MAY 2012	1560-1270	3800 (b)	27	15.4 (3)	20.7	21.6	21.2 (4)
(H) EAST SECTION OF EAST BASIN.	JULY AUGUST 2012	500	14600	25	19.7 (5)	21.7	22.4	16.3 (6)
(I) NICHOLSON APPROACH CHANNEL.	JULY AUGUST 2012	1600-1400	1300 (b)	25	22.5 (7)	22.5	22.7	22.2 (8)

FOOT NOTES

- (1) Shoaling to 17.3 within 0' of Left limit 41.50835707 N 81.71184517 W
- (2) Shoaling to 19.5 within 0' of Right limit 41.50505653 N 81.70949671 W
- (3) Shoaling to 4.5 within 6' of Left limit 41.51005111 N 81.70727301 W
- (4) Shoaling to 20.2 within 1' of Right limit 41.51194025 N 81.69617424 W
- (5) Shoaling to 18.5 within 1' of Left limit 41.51516919 N 81.69815813 W
- (6) Shoaling to 13.6 within 1' of Right limit 41.53106006 N 81.66716077 W
- (7) Shoaling to 22.4 within 6' of Left limit 41.53247561 N 81.65661889 W
- (8) Shoaling to 22.1 within 2' of Right limit 41.53182971 N 81.65778396 W

REMARKS: (a) LENGTH VARIES DEPENDING ON THE LOCATION OF THE 29 FOOT CONTOUR IN LAKE ERIE.
(b) IRREGULARLY SHAPED, SEE PROJECT CONDITION DRAWINGS.

NOAA Chart 14839



LEGEND

- DEPTHS 2.0' OR MORE ABOVE PROJECT DEPTH
- DEPTHS 1.1' TO 2.0' ABOVE PROJECT DEPTH
- DEPTHS 0.1' TO 1.0' ABOVE PROJECT DEPTH
- DEPTHS AT OR BELOW PROJECT DEPTH

CLEVELAND HARBOR, OHIO

CHANNEL CONDITIONS
SCALE OF FEET

CORPS OF ENGINEERS, BUFFALO, N. Y.