Notice to

Navigation Interests

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

L 12 – 22	August 9, 2012
Notice No.	Date

Waterway

Lake Erie, New York

LRB-TD-ONS

Condition of Federal Navigation Channel
Buffalo River, Buffalo, New York

1. Condition surveys performed within the Federal Navigation Channel at Buffalo River, Buffalo, New York during the months of June and July 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 Buffalo River, Buffalo, New York consisting of (6) sheets, 12S-BFR-1/1 to 1/6, 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.

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: 2012.08.09 12:00:13 -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 3 PAGES DATE August 9, 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
BUFFALO RIVER & SHIP CANAL, BUFFALO, NEW YORK

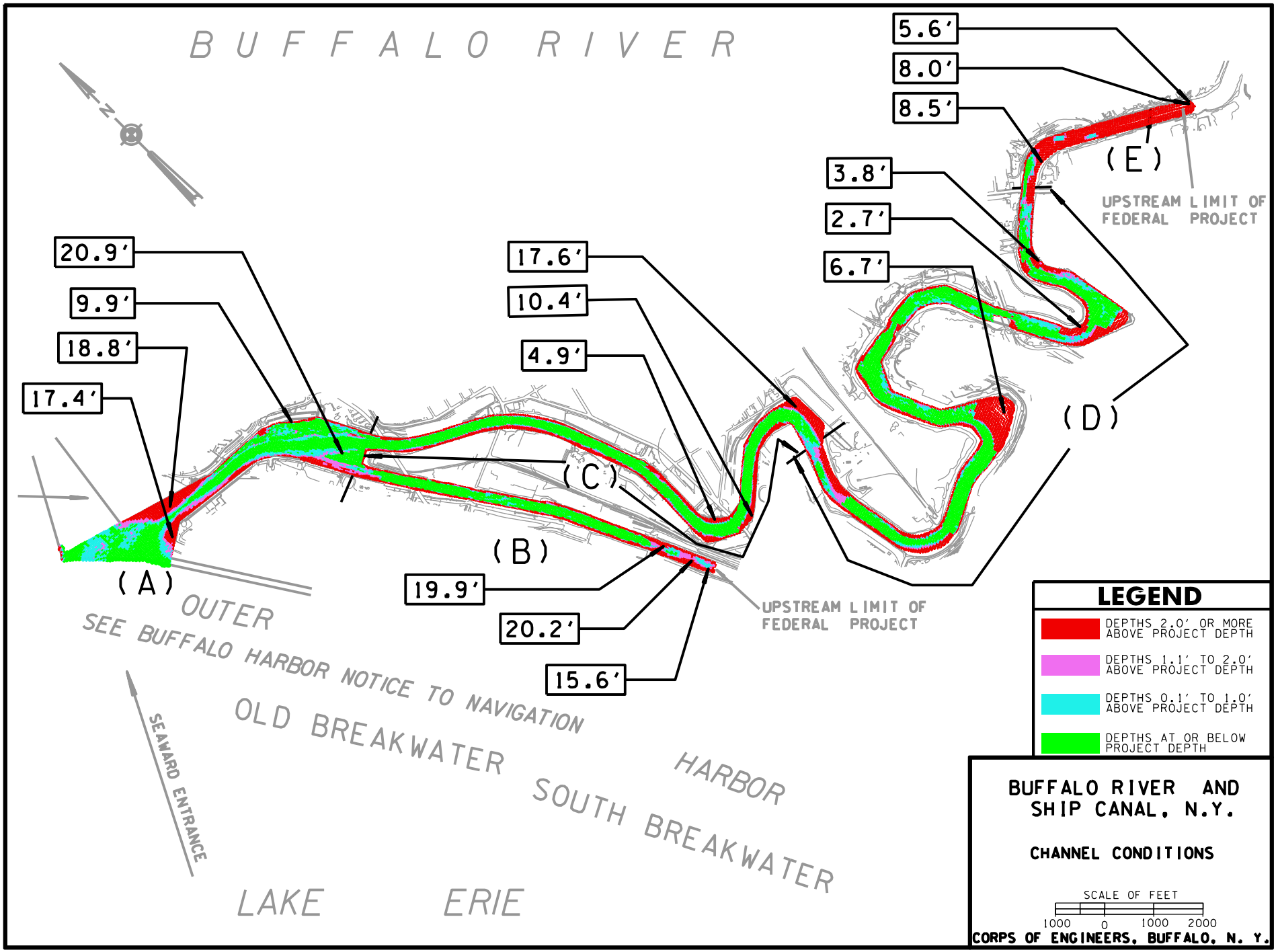
NAME OF CHANNEL	DATE OF SURVEY	AUTHORIZED PROJECT			MINIMUM DEPTHS IN CHANNEL ENTERING FROM SEAWARD		
		WIDTH (feet)	LENGTH (feet)	DEPTH (feet)	LEFT OUTSIDE QUARTER (feet)	MIDDLE HALF (feet)	RIGHT OUTSIDE QUARTER (feet)
SHALLOWEST DEPTHS AS PER DRAWING					1	2	3
(A) BUFFALO RIVER ENTRANCE CHANNEL.	JUNE JULY 2012	1600-450	4100 (b)	23	9.0	18.8 20.9	17.4 (1)
(B) BUFFALO SHIP CANAL CHANNEL.	JUNE JULY 2012	125	5500 (c)	23	19.9 (2)	20.2	15.6 (3)
(C) BUFFALO RIVER CHANNEL FROM THE ENTRANCE TO HAMBURG STREET.	JUNE JULY 2012	150-350	8700 (c)	23	4.9 (4)	17.6	10.4 (5)
(D) BUFFALO RIVER CHANNEL FROM HAMBURG STREET TO THE SOUTH PARK STREET BRIDGE.	JUNE JULY 2012	150-700	14000 (c)	23	2.7 (6)	6.7	3.8 (7)
(E) BUFFALO RIVER CHANNEL FROM THE SOUTH PARK BRIDGE TO THE UPSTREAM PROJECT LIMIT.	JUNE JULY 2012	150-200	3000 (c)	23	5.6 (8)	8.0	8.5 (9)

FOOT NOTES;

(1) Shoaling to 14.4 within 1' of Right limit 42.87612957 N 78.88211642 W
(2) Shoaling to 18.6 within 1' of Left limit 42.87007908 N 78.87635878 W
(3) Shoaling to 8.3 within 3' of Right limit 42.86118339 N 78.87040024 W
(4) Shoaling to 3.8 within 1' of Left limit 42.86264271 N 78.86826486 W
(5) Shoaling to 9.9 within 2' of Right limit 42.86155904 N 78.86662679 W
(6) Shoaling to 2.6 within 1' of Left limit 42.8575829 N 78.84600981 W
(7) Shoaling to 2.8 within 2' of Right limit 42.86076307 N 78.84509217 W
(8) Shoaling to 4.1 within 1' of Left limit 42.86102437 N 78.83284906 W
(9) Shoaling to 7.6 within 0' of Right limit 42.86352455 N 78.84106485 W

(c) WINDING RIVER CHANNEL, NARROWING AT BRIDGES & WIDENING AT CURVES.
(b) IRREGULARLY SHAPED, SEE PROJECT CONDITION DRAWINGS.

NOAA Chart 14833


BUFFALO RIVER
N
5.6'
8.0'
8.5'
3.8'
2.7'
6.7'
(E)
UPSTREAM LIMIT OF FEDERAL PROJECT
(D)
20.9'
9.9'
18.8'
17.4'
17.6'
10.4'
4.9'
(C)
(B)
(A)
19.9'
20.2'
15.6'
UPSTREAM LIMIT OF FEDERAL PROJECT
OUTER
SEE BUFFALO HARBOR NOTICE TO NAVIGATION
OLD BREAKWATER
HARBOR
SOUTH BREAKWATER
SEAWARD ENTRANCE
LAKE ERIE
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
BUFFALO RIVER AND SHIP CANAL, N.Y.
CHANNEL CONDITIONS
SCALE OF FEET
1000 0 1000 2000
CORPS OF ENGINEERS, BUFFALO, N. Y.