

REPORT OF CHANNEL CONDITIONS 100 TO 400 FEET WIDE (ER 1130-2-3165)					PAGE	1	OF	1
					DATE	1 April 2008		
<b>TO:</b>	The Record				<b>FROM:</b>	U.S. Army Corps of Engineers 26 Federal Plaza, ATTN: CENAN-OP-ST New York, NY 10278-0090		
<b>RIVER/HARBOR NAME AND STATE:</b> Bronx River, New York					<b>MINIMUM DEPTHS IN CHANNEL-ENTERING FROM SEAWARD</b>			
Bronx River, New York	DATE OF SURVEY	AUTHORIZED PROJECT			LEFT OUTSIDE QUARTER (feet)	MIDDLE HALF (feet)	RIGHT OUTSIDE QUARTER (feet)	
		WIDTH (feet)	LENGTH (n. miles)	DEPTH (feet)				
<b>REACH A:</b> (0.0 – 1.0 mile) From deep water (GREEN CAN #1/RED NUN #2) in East River to Randall Ave (north of the Fruit Docks).	Map 47, pg 2-5 of 9; 5, 7, 8, 15, 20, 21 Feb 2008	100	0.87	10	6.2	6.6	3.9	
<b>REACH B:</b> (1.0 – 1.9 mile) From Randall Ave. (north of the Fruit Docks) to Bruckner Blvd.	Map 47, pg 5-8 of 9; 5, 7, 8, 15, 20, 21 Feb 2008	100	0.77	10	0.9	2.2	0.9	
<b>REACH C (Partial):</b> (1.9 – 2.1 mile) From Bruckner Blvd. to a point approx. 960 ft. landward.	Map 47; pg 8 of 9; 5, 7, 8, 15, 20, 21 Feb 2008	100	0.16 (Partial)	10	1.7	2.7	0.7	
<b>REMARKS:</b>								
<ul style="list-style-type: none"> <li>• All depths are in Mean Low Water (MLW)</li> <li>• Channel length is in nautical miles</li> <li>• <b>REACH A</b> - Entire reach is shoaled except for a 1,755 ft. strip of deep water section which starts at a point approx. 100 ft. seaward of GREEN CAN #5 to a point approx. 450 ft. landward of RED NUN #8. The deep water strip consists of an elongated section starting in the mid-half channel then crosses into the left outside quarter channel with a maximum width of 45 ft.</li> <li>• <b>REACH B</b> - Entire reach is shoaled except for <ul style="list-style-type: none"> <li>a). A 1,190 ft. elongated strip of deep water section which starts at a point approx. 320 ft. upstream of Reach B (north of the Fruit Docks) in the mid-half channel, with a maximum width of 18 ft.</li> <li>b). A strip of deep water section starting at a point approximately 190 ft. seaward of the Bronx Metals Recycling for a distance of approximately 1,100 ft. landward. The deep water strip starts in the mid-half channel then expands into the left and right outside quarters of the channel at a point approx. 130 ft. from the start of the deep water strip. Shoaling along the left outside quarter channel reduces the width of the deep water strip to 50-60 ft. for the next 520 ft. landward. Additional shoaling in the right outside quarter channel reduces the deep water section into the mid-half channel to a width of 40 ft. before it expands again and ends.</li> </ul> </li> <li>• <b>REACH C (partial)</b> – The first 960 ft. of this reach is shoaled with a minimum depth in the mid-half channel of 2.7 ft. MLW. The survey map only covers 960 ft. of Reach C.</li> </ul>								