

REPORT OF CHANNEL CONDITIONS 400 FEET WIDE OR GREATER (ER 1130-2-306)						PAGE	1 OF 1	
						DATE	25 February 2014	
<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> New York and New Jersey Channels, Arthur Kill, Port Reading and Port Socony Reaches						<b>MINIMUM DEPTHS IN CHANNEL ENTERING FROM SEAWARD</b>		
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 (n miles)	DEPTH (feet)				
<b>Port Socony Reach (Reach L):</b> Begins approximately 610 feet seaward of RED LIGHTED #6 and extends to approximately 75 feet landward of GREEN LIGHTED #11.	Map 1359, pgs 1 and 2 of 6;  7-12, 19 February 2014	600-800	0.73	35	33.2	34.7	34.6	32.0
<b>Port Reading Reach (Reach K):</b> Begins approximately 75 feet landward of GREEN LIGHTED #11 and extends to approximately 100 feet landward of GREEN LIGHTED #21 FLOOD.	Map 1359 pgs 2 through 6 of 6;  7-12, 19 February 2014	500-850	1.77	35	26.8	33.7	34.3	24.0
<b>REMARKS:</b> <ul style="list-style-type: none"> <li>All depths are in reference to Mean Low Water (MLW).</li> <li>Channel Length is in nautical miles</li> </ul>								
<b>NEW YORK AND NEW JERSEY CHANNELS:</b> <ul style="list-style-type: none"> <li> <b>Port Socony Reach (Reach L):</b> <ul style="list-style-type: none"> <li>Shoals exist along the toe of the LOQ of the channel, having a maximum approximate width of 10' in the first 175' of this reach.</li> <li>Spot shoals up to 70' wide exist along the toe of the LOQ of the channel, from approximately 475' landward of RED LIGHTED #8 to the end of the reach.</li> <li>A spot shoal exists in the LIQ at a point approximately 75' landward of RED LIGHTED #10.</li> <li>Spot shoals up to 70' wide exist along the right edge of the RIQ from approximately 670' seaward of GREEN LIGHTED #11 to the approximate location of GREEN LIGHTED #11.</li> <li>Spot shoals up to approximately 40' wide exist in the first 720' of the ROQ.</li> <li>Shoals exist throughout the ROQ from the approximate location of RED NUN #8 to approximately 900' landward of same.</li> <li>Shoals exist throughout the ROQ from approximately 220' landward of RED LIGHTED #10 to the end of the reach.</li> </ul> </li> <li> <b>Port Reading Reach (Reach K):</b> <ul style="list-style-type: none"> <li>Shoals up to 70' wide exist along the toe of the LOQ of the channel from the approximate location of GREEN LIGHTED #11 to approximately 400' landward of same and approximately 450' seaward of GREEN LIGHTED #13 to approximately 300' seaward of same.</li> <li>Shoals up to 40' wide exist along the toe of the LOQ of the channel from approximately 1700' seaward of GREEN LIGHTED #17 to approximately 700' seaward of same.</li> <li>Shoals having a maximum width of approximately 90' exist along the toe of the LOQ of the channel from the approximate location GREEN LIGHTED #17 to the approximate location of GREEN LIGHTED #21.</li> <li>A 150' long spot shoal exists in the LIQ from the approximate location of GREEN LIGHTED #21 to the end of the reach.</li> <li>Spot shoals up to 65' wide exist along the right edge of the RIQ for approximately the first 1,500' of this reach.</li> <li>Spot shoals exist throughout the ROQ from the start of the reach to the approximate location of RED LIGHTED #12.</li> <li>Shoals exist along the outside 30' of the ROQ from the approximate location of RED LIGHTED #12 to the approximate location of RED LIGHTED #14A.</li> <li>Shoals exist in the ROQ from the approximate location of RED NUN#14A to approximately 1000' landward of GREEN LIGHTED #15.</li> <li>Shoals exist in the outside 125' of the ROQ from the approximate location of RED LIGHTED #16 to approximately 400' seaward of RED LIGHTED #20.</li> </ul> </li> </ul>								

