

**REPORT OF CHANNEL CONDITIONS  
100 TO 400 FEET WIDE**

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**DATE** 6 October 2016

**TO:** The Record

**FROM:** U.S. Army Corps of Engineers  
26 Federal Plaza, ATTN: CENAN-OP-ST  
New York, NY 10278-0090

**RIVER/HARBOR NAME AND STATE:**  
Port Chester Harbor, New York

**MINIMUM DEPTHS IN  
CHANNEL ENTERING FROM SEAWARD**

NAME OF CHANNEL	DATE OF SURVEY	AUTHORIZED PROJECT			LEFT OUTSIDE QUARTER (feet)	MIDDLE HALF (feet)	RIGHT OUTSIDE QUARTER (feet)
		WIDTH (feet)	LENGTH (nmiles)	DEPTH (feet)			
<b>Reach A:</b> Commences from the entrance of channel (approximately 205 feet seaward of GREEN NUN #3) to approximately 940 feet landward of RED NUN #6.	Map 35 Pgs. 2-4 of 7 15-16, 20-22 June 2016 & 20-22 July 2016	150-100	0.6	12	9.1	9.8	1.3
<b>Reach B:</b> Commences approximately 940 feet landward from RED NUN #6 to approximately 815 feet seaward from the end of the channel.	Map 35 Pgs. 3-6 of 7 15-16, 20-22 June 2016 & 20-22 July 2016	100	0.78	10	1.1	4.7	4.7
<b>Reach C:</b> Commences from approximately 815 feet seaward from the end of the channel and extends to the end of the channel.	Map 35 Pgs. 6-7 of 7 15-16, 20-22 June 2016 & 20-22 July 2016	165-115	0.07	3	0.8	1.9	1.4
NAME OF CHANNEL	DATE OF SURVEY	WIDTH (feet)	AREA (acres)	DEPTH (feet)	MINIMUM DEPTHS IN CHANNEL		
<b>Reach D (Anchorage Area):</b> Anchorage irregular shape area on the eastern side of the channel commences from the end of breakwater head to 225 feet landward of RED NUN #6.	Map 35 Pgs. 2-3 of 7 15-16, 20-22 June 2016 & 20-22 July 2016	0-380	9.39	12	2.2		

**REMARKS:**

- All depths are in Mean Lower Low Water.
- Channel Length in Nautical Miles.
- Anchorage area is in acres.

**PORT CHESTER HARBOR:**

- **Reach A:**  
Project depth is available in the majority of this reach, beginning from the entrance of the channel, approximately 200 feet seaward of GREEN CAN #3 and continues landward until approximately 95 feet seaward of GREEN CAN #1 FLOOD. Shoaling exists in the Right Outside Quarter, beginning approximately 95 feet seaward of GREEN CAN #1 FLOOD and continues landward, and gradually encompasses the entire width of the channel, until approximately 625 feet landward of RED NUN #6. Shoaling continues landward in the Left Outside Quarter for approximately 220 feet and in the Right Outside Quarter until the end of the reach, approximately 295 feet.
- **Reach B:**  
Sporadic shoaling exists in all Quarters of this reach, beginning approximately 940 feet landward of RED NUN #6, and continues landward for approximately 3,155 feet. Then shoaling encompasses the entire width of the channel for the remainder of this reach, with the exception of a few areas where project depth exist.
- **Reach C:**  
Shoaling exists in the Left Outside Quarter and Middle Half of this reach, beginning approximately 270 feet landward of the start of the reach and continues until the end of the reach, approximately 800 feet landward. Shoaling exists in the Right Outside Quarter and Middle Half of this reach, beginning from approximately 95 feet seaward from the end of the reach and continues landward until the end of said reach.
- **Reach D (Anchorage Area):**  
  
This anchorage is shoaled across its entire width.