

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

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DATE 03 December 2018

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 (n miles)	DEPTH (feet)			
Reach A: Commences from the entrance of channel (approximately 680 feet seaward of DAY MARKER W/LIGHT RED #4) to approximately 900 feet landward of RED NUN #6 FLOOD.	Map 36 Pgs. 2-4 of 7 1, 3, 9-11, 16, 26 October 2018	150-100	0.6	12	8.6	9.5	1.4
Reach B: Commences approximately 900 feet landward from RED NUN #6 FLOOD to approximately 880 feet seaward from the end of the channel.	Map 36 Pgs. 3-6 of 7 1, 3, 9-11, 16, 26 October 2018	100	0.78	10	+6.1	4.6	3.8
Reach C: Commences from approximately 880 feet seaward from the end of the channel and extends to the end of the channel.	Map 36 Pgs. 6-7 of 7 1, 3, 9-11, 16, 26 October 2018	165-115	0.07	3	2.4	2.6	1.9

NAME OF CHANNEL	DATE OF SURVEY	WIDTH (feet)	AREA (acres)	DEPTH (feet)	MINIMUM DEPTHS IN CHANNEL
Reach D (Anchorage Area): Anchorage irregular shape area on the eastern side of the channel commences from the end of breakwater head to 230 feet landward of RED NUN #6 FLOOD.	Map 36 Pgs. 2-3 of 7 1, 3, 9-11, 16, 26 October 2018	0-380	9.39	12	2.3

REMARKS:

- All depths are in Mean Lower Low Water.
- Channel Length in Nautical Miles.
- Anchorage area is in acres.
- Numerous docks and boats are located within the outside quarters of this channel.

PORT CHESTER HARBOR:

- **Reach A:** Shoaling exists along the channel toe of the Right Outside Quarter commencing approximately 80 feet seaward of DAY MARKER W/LIGHT RED #4 and continues approximately 110 feet landward, having a maximum width of approximately 15 feet. Shoaling exists along the Right Outside Quarter commencing approximately 60 feet landward of NO WAKE BUOY FLOOD and continues approximately 55 feet landward, having a maximum width of approximately 5 feet. Shoaling exists in the Right Outside Quarter, beginning approximately 310 feet landward of NO WAKE BUOY FLOOD and gradually encompasses the entire width of the channel until approximately 335 feet seaward of end of the reach. Shoaling continues landward in the Right Outside Quarter until the end of the reach. The controlling depth of -1.4 feet MLLW exists approximately 335 feet seaward of end of the reach.
- **Reach B:** Shoaling exists in both the Left and Right Outside Quarters for the majority of the reach, intermittently extending into the Middle Half until approximately 2080 feet landward of the start of the reach. Shoaling then encompasses the entire width of the channel for the remainder of the reach, with the exception of a few areas where project depth exists. The controlling depth of +6.1 feet MLLW exists at a collapsed bulkhead located approximately 1,170 feet seaward of the end of the reach.
- **Reach C:** Shoaling exists in the Right Outside Quarter commencing approximately 115 feet landward of the start of the reach and continues approximately 50 feet landward. Shoaling exists in the Right Outside Quarter commencing approximately 360 feet landward of the start of the reach and continues approximately 125 feet landward. Shoaling exist in the Left Outside Quarter commencing approximately 340 feet landward of the start of the reach and continues approximately 60 feet landward. Shoaling exists in the Left Outside Quarter and Middle Half commencing approximately 315 feet seaward of the end of the reach and continues approximately 115 feet landward. Shoaling exists across the entire channel width commencing approximately 90 feet seaward of the end of the reach and continues to the end of the reach. The controlling depth of -1.9 feet MLLW exists approximately 420 feet landward of the start of the reach.
- **Reach D (Anchorage Area):** This anchorage is shoaled across its entire width. The controlling depth of -2.3 feet MLLW exists approximately 420 feet landward of NO WAKE BUOY FLOOD.