

REPORT OF CHANNEL CONDITIONS 100 TO 400 FEET WIDE (ER 1130-2-3165)					PAGE	1	OF	1
					DATE	February 6, 2012		
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)				
Reach A: Commences from the entrance of channel (approximately 175 feet seaward of GREEN CAN BUOY #3) to approximately 900 feet landward of RED NUN #6.	Map 32 Pgs. 2 & 3 of 7 14-18 November 2011	150-100	0.6	12	8.4	9.7	5.7	
Reach B: Commences approximately 900 feet landward from RED NUN #6 to approximately 2,700 feet landward from the Turnpike Bridge.	Map 32 Pgs. 4-6 of 7 14-18 November 2011	100	0.78	10	1.2	3.9	2.9	
Reach C: Commences from approximately 2,700 feet landward from the Turnpike Bridge to approximately 3,500 feet landward of the same.	Map 32 Pg. 7 of 7 14-18 November 2011	165-115	0.07	3	1.8*	1.2	0.5*	
NAME OF CHANNEL	DATE OF SURVEY	WIDTH (feet)	AREA (acres)	DEPTH (feet)	MINIMUM DEPTHS IN CHANNEL			
Anchorage Area: Anchorage irregular shape area on the eastern side of the channel commences from the end of breakwater head to 215 feet landward of RED NUN #6.	Map 32 Pg. 2 & 3 of 7 14-18 November 2011	0-380	9.39	12	Minimum depth in this irregular anchorage area is 2.4 feet			
REMARKS:								
<ul style="list-style-type: none"> • All depths are in Mean Low Water • Coordinates Referencing Long Island Lambert System (NAD 1983) • Channel Length in Nautical Miles • * Minimal sounding data available. • Anchorage area is in acres. 								
PORT CHESTER HARBOR:								
Reach A:								
<ul style="list-style-type: none"> • Shoal exists beginning approximately 440 feet landward of the end of the seawall and extends approximately 1,000 feet landward along the right channel line with a maximum width of 20 feet. The shoal begins to extend across the entire channel at STATE BUOY RED #2 and extends approximately 1,600 feet landward; the shoaling extends another 200 feet both in the right quarter and left quarters to the end of this reach. 								
Reach B:								
<ul style="list-style-type: none"> • Shoaling from Reach A approximately commences 670 feet landward of RED NUN #6 FLOOD and continues into Reach B extending approximately 1,075 feet across the entire left outside quarter. • Shoaling exists in the right quarter beginning approximately 1,260 feet landward of REN NUN #6 and extends through the entire length of this quarter. • Shoal extends from the right quarter into the middle half of the channel at a maximum width of 40 feet beginning 1,100 feet seaward of the Turnpike Bridge, and extending across the entire width of the channel 240 feet landward of the Turnpike Bridge until the seaward end of the channel reach 900 feet seaward of Mill Street Bridge. 								

- Shoal exists beginning approximately 420 feet seaward of the Turnpike Bridge and ending 70 feet landward of the same, extending across the entire width of the left quarter and into the middle half of the channel at a maximum width of 20 feet.

Reach C:

- Shoaling exists across the right outside quarter from the beginning of the reach at 900 feet seaward of Mill Street Bridge and continues 450 feet landward; shoaling covers most of the remaining 350 feet length of this reach. Priority in the center and left outside quarters.

Anchorage Area:

- This anchorage is entirely shoaled across its length and width with the exception of a small area seaward of DAY MARKER W/ LIGHT RED #4.