

**REPORT OF CHANNEL CONDITIONS
100 TO 400 FEET WIDE
(ER 1130-2-3165)**

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DATE July 18, 2008

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)			
<u>REACH A:</u> 12- Foot Depth Channel commences from the entrance of channel (approximately 235 feet NE of Green Can Buoy #3) to approximately 895 landward of Red Nun Buoy #6 (vicinity of Yacht Club)	Map 29 P 2, 3, and 4 of 6 24 & 25 June 2008	150-100	0.6	12	9.6	8.7	4.9
<u>REACH B:</u> 10- Foot Depth Channel commences from the end of Reach A to approximately 350 feet landward of the turning basin	Map 29 P 4, 5 and 6 of 6 24 & 25 June 2008	100	0.78	10	1.8	6.1	6.0
<u>REACH C:</u> (Partial) 3- Foot Depth Channel commences from the end of Reach B to approximately 420 feet landward of the turning basin	Map 29 P 6 of 6 24 & 25 June 2008	165-115	0.07	3	2.8	3.3	2.4
<u>Anchorage Area:</u> 12- Foot Depth Anchorage Irregular shape area on the eastern side of the channel commences from the end of breakwater head to 200 feet landward of Red Nun #6	Map 29 P 2 and 3 of 6 24 & 25 June 2008	0-370		12		2.9	

REMARKS:

- All depths are in Mean Low Water (MLW)
- Coordinates Referencing Long Island Lambert System (NAD 1983)
- Channel Length in Nautical Miles
- Reach A: A shoal crosses the channel having a minimum depth of 10.7 feet in the center half at State Buoy Green #1. Shoaling crosses the channel over most of the remainder of the Reach to Reach B, having a minimum depth of 8.7 feet in the center half of the channel.
- Reach B: A shoal crosses the channel, 180 feet in width having a minimum depth of 7.7 feet in the center half, commencing approximately 200 feet landward of the Turnpike Bridge. Shoaling across the entire channel width occurs over the last 900 feet of the Reach before entering the turning Basin Area having a minimum depth of 6 feet in the center.
- Reach C: Minor shoaling exists in the right and left quarters of the channel in spots. Note numerous boats in channel obstructed a full survey of the area.
- Anchorage Area: The entire anchorage area is shoaled. The minimum depth of 2.9 feet is located 500 north of the anchorage commencement along the eastern edge of the anchorage area.