

**REPORT OF CHANNEL CONDITIONS
400 FEET WIDE OR GREATER
(ER 1130-2-306)**

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DATE December 9, 2003

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:

"Channel along the New Jersey Pierhead line" portion of New York and New Jersey Channels

**MINIMUM DEPTHS IN EACH ¼ WIDTH OF
CHANNEL ENTERING FROM SEAWARD**

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 (miles)	DEPTH (feet)				
Reach A: From the junction with the NY & NJ Channels to 400 ft south of the Bayonne MOT. Widening from 800 ft to 2,100 ft toward the jct. with NY & NJ Channels	29 Oct. 2003	800/2,100	0.67	20	14.0	21.0	20.4	19.0
Reach B: From the Bayonne MOT line to the northern widening. No change in width.	29 Oct. 2003	500	1.0	20	4.3	17.0	18.8	14.2
Reach C: 3. From the northern widening to jct. with Anchorage Channel; gradually widens from 500 ft to 1,550 ft, then narrows to 500ft; widens to 1,300 ft at the jct with Anchorage Channel.	29 Oct. 2003	500/1,550	1.0	20	7.2	7.5	10.4	9.3

REMARKS (Continue on reverse)

- All depths are in MLW
- Reach A: Due to shoaling only 14.0 ft depth is available in 70% of the width of left outside ¼; and 19 ft depth in the entire right outside ¼.
- Reach B: Shoaling starts north from GREEN GAS #13 FLOOD in left outside ¼ leaving 4.3 ft depth available, extending over to left inside ¼ reducing depth to 17.0 ft. Depth reduced by shoaling to 14.2 ft in the right half of the channel over at the approx. 500 ft length at the north end of this reach.
- Reach C: massive shoaling across the entire length and width of this reach (including the widening). Project dept available only in left half of channel, along an approx. 700 ft long section before the junction with Anchorage Channel.