

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

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DATE 1 December 2014

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:
Hudson River, New York City to Waterford, Haverstraw Bay, New York, Federal Navigation Project

**MINIMUM DEPTHS IN
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 (nmiles)	DEPTH (feet)				
Reach B, Haverstraw Bay: Beginning approximately 785 feet seaward of LIGHTED RED BUOY #22 EBB to approximately 150 feet seaward of LIGHTED GREEN BUOY #25 EBB	File No. 226 Sheets 1-3 of 3, 18-19 Nov. 2014	595-620	2.50	32	29.6	31.6	29.7	27.0

REMARKS:

- All depths in Mean Lower Low Water.
- Channel length is in nautical miles.

HUDSON RIVER – HAVERSTRAW BAY:

- **Reach B:** Shoaling begins in the RIGHT OUTSIDE QUARTER approximately 375 feet seaward of LIGHTED RED BUOY #22 EBB and expands to a maximum width of approximately 233 feet covering all of the RIGHT OUTSIDE QUARTER and half of the RIGHT INSIDE QUARTER at approximately 2300 feet landward of LIGHTED RED BUOY #22 EBB. The shoal then narrows and ends approximately 2925 feet landward of LIGHTED RED BUOY #24 EBB. Shoaling begins in the LEFT OUTSIDE QUARTER approximately 1240 feet landward of LIGHTED RED BUOY #22 EBB and expands to a maximum width of approximately 180 feet covering all of the LEFT OUTSIDE QUARTER and 30 feet of the LEFT INSIDE QUARTER approximately at LIGHTED GREEN BUOY #23 EBB. The shoal then narrows and ends approximately 1180 feet seaward of LIGHTED GREEN BUOY #25 EBB.