

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

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DATE July 22, 2002

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:
Hackensack River Channel (Mile 0 to 3.9) and Upper End Section and Turning Basin,
New Jersey

**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 (miles)	DEPTH (feet)			
Hackensack River Mile 0 to Mile 1.1 LOWER SECTION	June/July 2002	400	1.1	32	26.2	25.3	18.3
Hackensack River Mile 1.1 to Mile 3.9 UPPER SECTION	June/July 2002	300	2.8	32	28.2	27.7	14.6
Hackensack River Upper End Section and Turning Basin	June/July 2002	300-800	0.23	25	14.1	23.0	21.2

REMARKS:

All depths in MLW.

LOWER SECTION has shoals across the entire channel between Beacon 9 and Red Nun 10, and before the abandoned Railroad Bridge, and numerous shoals in the left and right quarters that extend into the center half of the channel.

UPPER SECTION has three shoals across the entire channel from the start of the section to the New Jersey Turnpike Bridge, and numerous shoals in the left and right quarters that extend into the center half of the channel.

UPPER END AND TURNING BASIN has a shoal across the left quarter extending 40 feet into the center half and a narrow (70 ft.) wide shoal in the right quarter.