

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

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DATE 10 JUNE 1999

TO: Commander 90, First Coast Guard District  
408 Atlantic Avenue  
Boston, MA 02110

FROM: U.S. Army Corps of Engineers  
26 Federal Plaza, ATTN: CENAN-OP-ST  
New York, NY 10278-0090

RIVER/HARBOR NAME AND STATE:  
NEWARK BAY CHANNELS, NEW JERSEY

**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)				
NEWARK BAY MAIN CHANNEL South Reach	3/30/99	1000/ 1750	1.0	40	41.5	41.2	41.0	39.1
NEWARK BAY MAIN CHANNEL Middle Reach	3/30/99	500/1750	2.1	40	37.1	41.0	37.5	34.0
NEWARK BAY MAIN CHANNEL North Reach	3/30/99	500/900	1.6	35	24.3	25.5	22.4	9.2
ELIZABETH CHANNEL	3/30/99	500/1350	1.49	40	39.0	40.3	39.2	37.8
PORT NEWARK BRANCH CHANNEL	3/30/99	400/1050	1.6	40	36.9	34.4	32.1	31.4
BERGEN POINT WIDENING AT THE RIGHT TURN INTO NEWARK BAY	5/26/99	800	.25	40	39.3	37.4	37.7	33.0

**REMARKS** (Continue on reverse)

See attached description of shoals