

**REPORT OF CHANNEL CONDITIONS
(FOR 400 FEET WIDE OR GREATER)**

PAGE 1 OF 2 PAGES

DATE 21 APR 2015

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: Newark Bay, Hackensack & Passaic Rivers;
Port Newark and Port Newark Pierhead 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)	MID-CHANNEL		RIGHT OUTSIDE QUARTER (feet)
		WIDTH (feet)	LENGTH (nmiles)	DEPTH (feet)		LEFT INSIDE QUARTER (feet)	RIGHT INSIDE QUARTER (feet)	
PORT NEWARK and PORT NEWARK PIERHEAD of Newark Bay, Hackensack & Passaic Rivers Navigation Channels Project								
Reach D - Port Newark Branch: From the approximate location of GREEN LIGHT #17, to approximately 790 feet landward of GREEN #3.	Map 949, Pg 2 of 3; 23, 26 Feb 2015	400-1,785	0.40	40	23.4	33.5	33.5	25.8
Partial Reach E – Port Newark Inshore: Survey coverage exists from approximately 790 feet landward of GREEN #3, to approximately 1,050 feet landward of the channel's bend.	Map 949, Pg 2 - 3 of 3; 23, 26 Feb 2015	400	1.06	40	32.3	36.2	37.8	35.0

REMARKS:

- All reported depths are relative to Mean Lower Low Water (MLLW) datum
- Channel reach lengths are in nautical miles

PORT NEWARK

- **Reach D – Port Newark Branch Reach:**
 - Shoaling exists across much of the channel's entire width for the majority of this reach. However, project depth is available throughout much of the Left Inside and Right Inside Quarters of the channel for approximately the first 100 feet of this reach. Project depth is also available across much of the width of the Left Inside, Right Inside, and Right Outside Quarters of the channel for approximately the last 350 feet of this reach.
- **Partial Reach E – Port Newark Inshore Reach:**
 - Shoaling exists across much of the width of the Left and Right Outside Quarters of the channel from the start of this partial reach to approximately the channel's bend. Within these parameters, a navigable path where project depth is available exists along the centerline of the channel and the path becomes as narrow as approximately 80 feet wide where shoaling extends into both the Left and Right Inside Quarters of the channel.

**REPORT OF CHANNEL CONDITIONS
100-400 FEET WIDE**

DATE 21 APR 2015

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:
Newark Bay, Hackensack & Passaic Rivers; Port Newark and Port Newark Pierhead Channels,
New Jersey

**MINIMUM DEPTHS IN
CHANNEL ENTERING FROM SEAWARD**

NAME OF CHANNEL	DATE OF SURVEY	AUTHORIZED PROJECT			LEFT QUARTER (feet)	MIDDLE HALF (feet)	RIGHT QUARTER (feet)
		WIDTH (feet)	LENGTH (nmiles)	DEPTH (feet)			
PORT NEWARK and PORT NEWARK PIERHEAD of Newark Bay, Hackensack & Passaic Rivers Navigation Channels Project							
Reach F - Port Newark Pierhead: From the approximate location of RED NUN #4, to the approximate location of GREEN CAN #3.	Map 949, Pg 1 – 2 of 3; 23, 26 Feb 2015	300-750	0.65	40	29.6	29.7	26.4

REMARKS:

- All reported depths are relative to Mean Lower Low Water (MLLW) datum
- Channel reach lengths are in nautical miles

PORT NEWARK PIERHEAD

• **Reach F – Port Newark Pierhead Reach:**

- Shoaling exists across the channel's entire width for the majority of this reach. There is a navigable path where project depth is available in portions of the Left Outside Quarter and Middle Half of the channel for approximately the first 1,000 feet of this reach.