

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

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**DATE** 16 May 2017

**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:**  
Sandy Hook Bay at Atlantic Highlands Anchorage, New Jersey

**MINIMUM DEPTHS IN  
CHANNEL ENTERING FROM  
SEAWARD**

NAME OF CHANNEL	DATE OF SURVEY	AUTHORIZED PROJECT			MINIMUM DEPTH IN CHANNEL (feet)
		WIDTH (feet)	AREA (acres)	DEPTH (feet)	
<b>Atlantic Highlands Anchorage:</b> Commences at the east (seaward) end of the U.S. Breakwater at the RED/WHITE AID TO NAVIGATION W/LIGHT and continues west (landward) for approximately 4,000 feet along the U.S. Breakwater to the approximate location of RED FIXED AID TO NAVIGATION #10 W/ LIGHT	Map 137 Pgs 1-2 of 2 13 & 14 APRIL 2017	650 - 1,210	100.4	8	F <del>8</del>

**REMARKS:**

- All depths are relative to Mean Lower Low Water (MLLW) Datum

**SANDY HOOK BAY, NJ:**

- **Atlantic Highlands Anchorage:**
  - Shoaling exists along the northern toe of the anchorage, beginning approximately 5€ feet landward of RED/WHITE AID TO NAVIGATION W/LIGHT and extends landward for approximately G~~1~~00 feet, before expanding across the majority of the width of the anchorage continuing for a distance of approximately 1,430 feet along the northwestern side.
  - Shoaling exists on the southern toe of the anchorage beginning approximately 220 feet landward of GREEN FIXED AID TO NAVIGATION #3 W/LIGHT and extends landward 1,750 feet with a maximum width of approximately 180 feet and a minimum depth of 1.7 along the toe.
  - Additional shoaling exists further west along the southern and western toe of the anchorage, beginning approximately 620 feet west of GREEN BUOY #5 W/LIGHT EBB and continues approximately 415 feet landward.
  - Spot shoaling exists in the southwestern corner of the channel beginning 1,290 feet landward of GREEN BUOY #5 W/LIGHT EBB and continues landward to the edge of the channel, with a maximum width of 125 feet, and extends north for 310 feet.