

**REPORT OF CHANNEL CONDITIONS
100 TO 400 FEET WIDE
(ER 1130-2-306)**

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DATE 31 May 2016

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)	
Atlantic Highlands Anchorage: 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 4000 feet along the U.S. Breakwater.	Map 136 Pgs 1-2 of 2 12 & 13 APRIL 2016	650 - 1210	100.4	8	2.0

REMARKS:

- All depths are in reference to Mean Lower Low Water

SANDY HOOK BAY, NJ:

- **Atlantic Highlands Anchorage:**
 - Shoaling exists along the northern toe of the anchorage, beginning approximately 100 feet southwest of the RED/WHITE AID TO NAVIGATION W/LIGHT and extends west for approximately 3,000 feet, before expanding across the majority of the width of the anchorage for a distance of approximately 890 feet along the northwestern side.
 - Two spot shoals exists in the anchorage, one approximately 200 feet southwest of the RED/WHITE AID TO NAVIGATION W/LIGHT -and the other approximately 225 feet seaward of RED BUOY #6 W/LIGHT.
 - Shoaling exists on the southern toe of the anchorage beginning approximately 210 feet landward of GREEN FIXED AID TO NAVIGATION #3 W/LIGHT and extends west 1,765 feet with a maximum width of approximately 180 feet and a minimum depth of 2.0 along the toe.
 - Additional sporadic shoaling exists further west along the southern and western toe of the anchorage, beginning approximately 600 feet west of GREEN FIXED AID TO NAVIGATION W/LIGHT, and ending at the western limit of the anchorage.