

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

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DATE 26 May 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:
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 BREAKWATER LIGHT and continues west (landward) for approximately 4200 feet along the U.S. Breakwater.	Map 135 Pgs 1-2 of 2 7 APRIL 2015	650 - 1210	100.4	8	2.3

REMARKS:

- All depths are in reference to Mean Lower Low Water

SANDY HOOK BAY, NJ:

- **Atlantic Highlands Anchorage:**
 - Shoaling exists along the north toe of the anchorage, beginning approximately 100 feet southwest of the RED BREAKWATER LIGHT and extends west for approximately 3150 feet, before expanding across the majority of the width of the anchorage for a distance of approximately 890 feet along the northwestern side.
 - Shoaling exists on the south toe of the anchorage beginning approximately 1675 feet southwest of the RED BREAKWATER LIGHT and extends west 1750 feet with a maximum width of approximately 160 feet and a minimum depth of 2.3 along the toe. Additional shoaling exists further west along the south toe of the anchorage.