

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

DATE: 24_May 2022

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: Greenport Harbor, NY

**MINIMUM DEPTHS IN
CHANNEL ENTERING FROM SEAWARD**

NAME OF CHANNEL	DATE OF SURVEY	AUTHORIZED PROJECT			LEFT OUTSIDE QUARTER (feet)	MIDDLE HALF (feet)	RIGHT OUTSIDE QUARTER (feet)
		WIDTH (feet)	LENGTH (n.miles)	DEPTH (feet)			

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Reach A – Entrance Channel: From approximately 1,030 feet seaward of the seaward most GREEN BUOY FLOOD, to a point approximately 670 feet landward of the landward most GREEN BUOY FLOOD.	File 5166/AL, Pgs 1 & 2 of 2; 7, 11 April 2022	100	0.32	8	6.6	2.0	+3.0
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NAME OF CHANNEL	DATE OF SURVEY	AUTHORIZED PROJECT			MINIMUM DEPTHS IN CHANNEL
		WIDTH (feet)	AREA (acres)	DEPTH (feet)	

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Reach B – Anchorage Area in Sterling Basin: Rectangular anchorage area from the end of the entrance channel (Reach A), to a point approximately 1,000 feet landward of the same.	File 5166/AL, Pg 1 of 2; 7, 11 April 2022	360-385	8.35	8	5.3		
Reach C – Anchorage Area behind the Breakwater: Irregular anchorage area that runs alongside the entrance channel (Reach A) to the northeast from the beginning of the reach, to a point located at the entrance channel's second bend.	File 5166/AL, Pgs 1 & 2 of 2; 7, 11 April 2022	Irregular	5.60	9	3.7		

REMARKS:

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

GREENPORT HARBOR

- **Reach A – Entrance Channel:** Shoaling exists in the Right Outside Quarter, Middle Half and Left Outside Quarter towards the landward end of this reach, where positive elevations encroach the channel. The controlling depth of +3.0 feet MLLW exists in the Right Outside Quarter at approximately 150 feet seaward of the end of this reach.
- **Reach B – Anchorage Area in Sterling Basin:** Shoaling exists along a segment of the toe of the southwest portion of this anchorage. The controlling depth of -5.3 feet MLLW exists in the shoal located along the southwest limit of the anchorage at approximately 240 feet seaward of the end of the reach.
- **Reach C – Anchorage Area behind the Breakwater:** Shoaling exists throughout much of the northeast and northwest portion of this anchorage, and continues to the end of the reach. The controlling depth of -3.7 feet MLLW exists along the northern limit of the anchorage at approximately 540 feet landward of RED BUOY #4 FLOOD.