

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

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DATE: 09 October 2018

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 470 feet seaward of the most seaward GREEN BUOY depicted on this survey, to a point approximately 615 feet landward of the most landward GREEN BUOY depicted on this survey.	File 11, Pg 1 of 1; 17-19 Apr. 2018	100	0.31	8	7.6	+1.6	+1.9
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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 11, Pg 1 of 1; 17-19 Apr. 2018	360-385	8.35	8	6.6
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 11, Pg 1 of 1; 17-19 Apr. 2018	Irregular	5.60	9	3.9

REMARKS:

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

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- **Reach A – Entrance Channel:** Shoaling exists along the toe of the channel at the second bend in the Left Outside Quarter, from approximately 260 feet landward of the most landward GREEN BUOY SLACK 18 APRIL 2018, to a point approximately 320 feet landward of the same. Shoaling exists in the Middle Half and Right Outside Quarter of the channel commencing approximately 60 feet landward of the channel's second bend, to a point approximately 190 feet landward of the same, having a maximum width of approximately 65 feet. Positive elevations exist within those parameters. The controlling depth of +1.9 feet MLLW exists in the Right Outside Quarter at approximately 140 feet landward of the channel's second bend.
- **Reach B – Anchorage Area in Sterling Basin:** Shoaling exists along the northwest and southwest limits of this rectangular anchorage area, having the approximate dimensions of 80 feet long by 30 feet wide and 370 feet long by 65 feet wide respectively. The controlling depth of -6.6 feet MLLW exists in the shoal located along the southwest limit of the anchorage, approximately 110 feet seaward of the end of the reach.

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- **Reach C – Anchorage Area behind the Breakwater:** Shoaling exists throughout much of the northwest portion of this anchorage, commencing approximately 175 feet seaward of RED BUOY #4 SLACK, and continuing to the end of the reach. The maximum width of this shoal is approximately 285 feet. The controlling depth of -3.9 feet MLLW exists along the northern limit of the anchorage at a point approximately 170 feet landward of RED BUOY SLACK.