

**REPORT OF CHANNEL CONDITIONS
400 FEET WIDE OR GREATER
(ER 1130-2-306)**

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DATE December 2003

TO: MFR

FROM: U.S. Army Corps of Engineers
26 Federal Plaza, ATTN: CENAN-OP-ST
New York, NY 10278-0090

RIVER/HARBOR NAME AND STATE:

Red Hook Flats Anchorage, New York Harbor, NY

**MINIMUM DEPTHS IN EACH ¼ WIDTH OF
CHANNEL ENTERING FROM SEAWARD**

NAME OF CHANNEL	DATE OF SURVEY	AUTHORIZED PROJECT			LEFT OUTSIDE QUARTER (feet)	LEFT INSIDE QUARTER (feet)	RIGHT INSIDE QUARTER (feet)	RIGHT OUTSIDE QUARTER (feet)
		WIDTH (feet)	LENGTH (miles)	DEPTH (feet)				
45 ft deep anchorage area (from a point 2,000 ft south of "RED BELL 2 EBB" to "RED GAS #24 EBB")	Aug. – Sept. 2003	0-3,000	0.95	45	44.3	45.2	45.1	43.6
40 ft deep anchorage area (from "RED GAS #24 EBB" to "RED BELL #26 FLOOD")	Aug. – Sept. 2003	3,000-4,500	0.57	40	43.2	39.6	39.1	39.3
Southern section of 35 ft deep anchorage area (from "GREEN BELL #5 EBB" to "YELLOW GAS C EBB")	Aug. – Sept. 2003	4,600	0.28	35	41.0	38.6	37.0	27.1
Northern section of 35 ft deep anchorage area (from "YELLOW GAS C EBB" to a point approx. 2,500 ft north of "YELLOW A EBB")	Aug. – Sept. 2003	3,400	1.75	35	39.9	36.2	34.9	32.5

REMARKS:

- All depths are in Mean Low Water (MLW).
- 45 ft anchorage - Small minor shoaling at the left outside ¼ channel (with a minimum depth of 44.3') and right outside ¼ channel (with a minimum depth of 43.6').
- 40 ft anchorage - A 400' x 1,000' shoal, in the right ½ channel, adjacent to the 35 ft south anchorage area, with a minimum depth of 39.1 ft.
- 35 ft anchorage, southern section – A 400' x 700' shoal, with a minimum depth of 27.1', in the right outside ¼ channel.
- 35 ft anchorage, northern section – Minor shoaling along the right channel line with a minimum depth of 32.5'.