

**REPORT OF CHANNEL CONDITIONS
100 TO 400 FEET WIDE
(ER 1130-2-520)**

PAGE 1 OF 1 PAGE

DATE: **April 28, 2015**

TO: NAVIGATION INTEREST

FROM:

RIVER/HARBOR NAME AND STATE: Branford Harbor, Branford, Connecticut
Dwg. No. BRN-94, Sheets 1-3 of 3, Dated 28 April 2015

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 (nautical miles)	MLLW DEPTH (feet)			
<u>CONDITION SURVEY</u>							
<u>8.5-Foot Channel</u>							
From about 1,040' seaward of Big Mermaid Light (FI G-7) upstream 1,250'	3/15	100	.21	8.5	8.5	8.5	8.5
Thence upstream 2,050'	3/15	100	.34	8.5	6.7	6.7	6.7
Thence upstream 2,800' to vicinity of Goodsell Point Marina	3/15	100	.46	8.5	(1) 6.8	6.6	(2) 5.9
Thence upstream 1,500'	3/15	100 to 125 to 100	.25	8.5	(3) 4.1	4.1	4.9
Thence upstream 1,050'	3/15	100	.17	8.5	6.8	7.1	6.8
Thence upstream 1,850'	3/15	100	.30	8.5	(4) 7.9	8.5	(5) 8.5
Thence upstream 1,500'	3/15	100	.25	8.5	(6) 2.4	3.6	(7) 5.3
Thence upstream 722' to the upstream limit of Federal Navigation Project	3/15	100 to 60	.12	8.5	(8) 5.0	4.6	(9) 5.9

GENERAL NOTE: The information shown on this sheet(s) represents the results of surveys made on the dates indicated and can only be considered as indicating the general conditions existing at that time.

FOOT NOTES:

- (1). Except for shoaling to 6.1' within 5' of limit.
- (2). Except for shoaling to 5.2' within 5' of limit.
- (3). Except for shoaling to 3.5' within 5' of limit.
- (4). Except for shoaling to 6.5' within 5' of limit; Encroachment of private docks.
- (5). Except for shoaling to 7.7' within 5' of limit.
- (6). Except for shoaling to 1.5' within 5' of limit.
- (7). Except for shoaling to 5.0' within 5' of limit.
- (8). Except for shoaling to 4.4' within 5' of limit.
- (9). Except for shoaling to 5.5' within 5' of limit.