

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

PAGE 1 OF 2 PAGES

DATE: **May 2, 2017**

**T0: NAVIGATION INTEREST**

**FROM:**   
US Army Corps  
of Engineers®  
New England District

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WALKER.WILLIAM.H.1228577908  
DN: c=US, o=U.S. Government, ou=DoD, ou=PKI,  
ou=USA, cn=WALKER.WILLIAM.H.1228577908  
Date: 2017.05.02 09:03:33 -04'00'

RIVER/HARBOR NAME AND STATE: Thames River, New London to Norwich,  
Connecticut, Dwg. No. THA-870, Sheets 1-14 of 14, Dated 2 May 2017

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)			
<b><u>CONDITION SURVEY</u></b>							
<b><u>25-Foot Channel</u></b>							
From middle of Railroad Lift Bridge upstream 19,800' (about 485' seaward of Buoy RN-14)	2-3/17	145 to 250	3.26	25.0	25.0	25.0	25.0
Thence upstream 7,900' to Buoy RN-20	3/17	250 to 400 to 250 to 225 to 200	1.30	25.0	(1) 20.9	25.0	(2) 20.5
Thence upstream 7,900' to Buoy RN-26	3/17	200 to 225 to 250 to 200	1.30	25.0	16.7 (4)	17.3	16.8 (5)
Thence upstream 2,690' to Buoy GC-29	3/17	200 to 250 to 200	.44	25.0	7.4 (6)	13.5	21.1
Thence upstream 10,080' to about 570' upstream of Buoy RN-38	3/17	200	1.66	25.0	17.4 (7)	18.2	14.9 (8)
Thence upstream 7,990' to Buoy GC-45	3/17	200	1.31	25.0	18.3 (9)	19.3	17.4
Thence upstream 5,890' to upstream end of the 25-Foot Channel and beginning of the 25-Foot Turning Basin	3/17	200 to 225 to 200	.97	25.0	18.3	19.3	17.4

**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 18.9' within 10' of limit located in the vicinity of Ice House Light (FL G-15).
- (2). Except for shoaling to 16.3' within 20' of limit located in the vicinity of Buoy RN-14.
- (3). Except for shoaling to 15.5' within 10' of limit.
- (4). Except for shoaling to 6.5' within 20' of limit.
- (5). Except for shoaling to 18.0' within 20' of limit.
- (6). Except for shoaling to 15.7' within 20' of limit.
- (7). Except for shoaling to 15.8' within 10' of limit and 5.8' within 5' of limit located in the vicinity of Indian Hill Light (FL G-39).
- (8). Except for shoaling to 15.4' within 10' of limit.
- (9). Except for shoaling to 18.3' within 20' of limit.

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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)			
<b><u>CONDITION SURVEY</u></b>							
<b><u>20-Foot Channel</u></b>							
From about 1,170' seaward of Buoy FL G-5 upstream 5,800' adjacent to the 25-Foot West Channel Limit	2-3/17	350	.95	20.0	20.0	20.0	20.0
<b><u>25-Foot Turning Basin</u></b>							
	3/17	16.8 acres		25.0		(10) 11.8 Available	

**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:**

(10). Except for shoaling to 6.3' within 150' of northwest limit opposite the American Wharf.