

**REPORT OF CHANNEL CONDITIONS
400 FEET WIDE OR GREATER
(ER 1130-2-520)**

DATE: **July 28, 2015**

TO: NAVIGATION INTEREST	FROM:
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RIVER/HARBOR NAME AND STATE: New London Harbor, New London/Groton, CT. Dwg. No. NLH-189, Sheets 1-5 of 5, Dated 28 July 2015	MINIMUM DEPTHS IN CHANNEL ENTERING FROM SEAWARD
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NAME OF CHANNEL	DATE OF SURVEY	AUTHORIZED PROJECT			LEFT OUTSIDE QUARTER (feet)	MID-CHANNEL		RIGHT OUTSIDE QUARTER (feet)
		WIDTH (feet)	LENGTH (Nautical miles)	MLLW DEPTH (feet)		LEFT INSIDE QUARTER (feet)	RIGHT INSIDE QUARTER (feet)	
<u>CONDITION SURVEY</u>								
<u>40-Foot Main Ship Channel</u>								
From about 400' upstream of Buoy FI G-1, upstream 19,920' (about 910' seaward of Buoy RN-14)	1-3/15	500	3.28	40.0	(1) 38.9	39.4	39.3	36.6
<u>36-Foot Channel</u>								
Thence upstream 5,070' to seaward face of Lift R.R. Bridge	1-3/15	500 to 150	.83	36.0	(2) 35.8	36.0	35.8	(3) 36.0
<u>40-Foot Anchorage</u>								
	1-3/15		16.7 acres	40.0	(4) 31.7 Available			
<u>23-Foot South Waterfront Channel</u>								
From about 65' seaward of Buoy GC-9 upstream about 3,155' to 23-Foot Anchorage	1-3/15	400 to 210	.52	23.0	(5) 19.9	19.8	18.9	(6) 19.5
<u>23-Foot Anchorage</u>								
	1-3/15		15.5 acres	23.0	(7) 19.3 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:

- (1). Except for shoaling to 37.7' within 30' of limit.
- (2). Except for shoaling to 30.5' within 20' of limit.
- (3). Except for shoaling to 35.5' within 20' of limit.
- (4). Except for shoaling to 29.5' within 10' of north limit; Concrete Mooring Piers located within the middle of the 40-Foot Anchorage.
- (5). Except for shoaling to 18.3' within 20' of limit.
- (6). Except for shoaling to 18.9' within 20' of limit.
- (7). Except for shoaling to 18.7' within 50' of east limit; shoaling to 17.8' within 60' of west limit.

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RIVER/HARBOR NAME AND STATE: New London Harbor, New London/Groton, CT.
Dwg. No. NLH-189, Sheets 1-5 of 5, Dated 28 July 2015

MINIMUM DEPTHS IN
CHANNEL ENTERING FROM SEAWARD

NAME OF CHANNEL	DATE OF SURVEY	AUTHORIZED PROJECT			LEFT OUTSIDE QUARTER (feet)	MID-CHANNEL		RIGHT OUTSIDE QUARTER (feet)
		WIDTH (feet)	LENGTH (Nautical miles)	MLLW DEPTH (feet)		LEFT INSIDE QUARTER (feet)	RIGHT INSIDE QUARTER (feet)	
<u>CONDITION SURVEY</u> <u>23-Foot North Waterfront Channel</u> From about 750' seaward of New London City Pier upstream 1,815' to the termination of Federal Navigation Project	1-3/15	400 to 740	.30	23.0	(8) 19.1	21.1	20.6	20.3
<u>23-Foot (Winthrop Cove) Branch Channel</u> From the limit of 23-foot North Waterfront Channel upstream 1,570' to the upstream end of limit	1-3/15	250 to 80	.26	23.0	(9) 17.6	(10) 21.0	(11) 19.7	(12) 17.9
<u>23-Foot (Long Dock) Branch Channel</u> From the limit of 23-foot North Waterfront Channel upstream 975' to the upstream end of limit	1-3/15	100	.16	23.0	(13) 23.0 Available			
<u>23-Foot Maneuvering Area</u>	1-3/15		6.8 acres	23.0	(14) 21.0 Available			

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FOOT NOTES:

- (8). Except for shoaling to 8.4' within 20' of limit.
- (9). Except for shoaling to 7.3' in the last 325' of channel.
- (10). Except for shoaling to 16.7' in the last 325' of channel.
- (11). Except for shoaling to 18.5' in the last 325' of channel.
- (12). Except for shoaling to 15.1' within 20' of limit.
- (13). Except for shoaling to 20.2' within 20' west limit.
- (14). Except for shoaling to 20.2' within 10' of south limit.

**REPORT OF CHANNEL CONDITIONS
LESS THAN 100 FEET WIDE
(ER 1130-2-520)**

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T0: NAVIGATION INTEREST

FROM:

RIVER/HARBOR NAME AND STATE: New London Harbor, New London/Groton, CT.
Dwg. No. NLH-189, Sheets 1-5 of 5, Dated 28 July 2015

MINIMUM DEPTHS IN
CHANNEL ENTERING FROM SEAWARD

NAME OF CHANNEL	DATE OF SURVEY	AUTHORIZED PROJECT			DEPTH AVAILABLE
		WIDTH (feet)	LENGTH (Nautical miles)	MLLW DEPTH (feet)	
<p><u>CONDITION SURVEY</u></p> <p><u>15-Foot Shaw's Cove Entrance Channel</u></p> <p>From south side of 23-Foot South Waterfront Channel About 400' through swing Bridge to beginning of Shaw's Cove Basin</p>	1-3/15	50	.07	15.0	14.3 Available
<p><u>15-Foot Shaw's Cove Basin</u></p>	1-3/15		6.9 acres	15.0	(15) 12.4 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 at that time.

FOOT NOTES:

(15). Except for shoaling to 11.5' within 25' of north and east limits; shoaling to 9.3' within 25' of west limit and shoaling to 10.2' within 70' of south limit; encroachment on numerous sides by floats/docks and oil dock platform on north side.