


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

DATE: **September 19, 2014**

TO: NAVIGATION INTEREST

FROM: 
 Digitally signed by PRESTON.JEFFREY.W.1228574348
 DN: c=US, o=U.S. Government, ou=DoD, ou=PKI, ou=USA, cn=PRESTON.JEFFREY.W.1228574348
 Date: 2014.09.19 15:17:10 -04'00'

RIVER/HARBOR NAME AND STATE: Niantic Bay and Harbor, East Lyme and Waterford, CT, Dwg. No. NIA-463, Sheets 1-3 of 3, Dated 19 September 2014

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-Foot Channel</u>							
From about 100' upstream of Buoy GC-1 upstream 1,300'	07/14	100	.21	8.0	(1) 7.2	7.1	(2) 7.9
Thence upstream 900' to about 10' seaward of Route 156 bridge abutments	07/14	100 to 45 to 100	.15	8.0	(3) 8.0	8.0	8.0
Thence upstream 210' to end of the 8-Foot Channel	07/14	100	.03	8.0	(4) 6.2	6.8	8.0
<u>6-Foot Channel</u>							
From about 145' upstream of Route 156 bridge upstream 2,000' to the vicinity of Buoy RN-10	07/14	100	.33	6.0	(5) 6.0	5.9	5.9
Thence upstream 740' to about 125' seaward of Beacon G-13	07/14	100	.12	6.0	6.0	5.0	(6) 4.6
Thence upstream 2,450' to about 85' seaward of Buoy GC-21	07/14	100 to 125	.40	6.0	6.0	6.0	6.0

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 6.6' within 10' of limit.
- (2). Except for shoaling to 7.5' within 10' of limit.
- (3). Except for shoaling to 6.6' within 5' of limit.
- (4). Except for shoaling to 5.7' within 5' of limit.
- (5). Except for shoaling to 5.0' located from 250' seaward to 250' upstream of Beacon G-7.
- (6). Except for shoaling to 4.0' within 10' of limit.

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100 TO 400 FEET WIDE
(ER 1130-2-520)**

DATE: **September 19, 2014**

T0: NAVIGATION INTEREST

FROM: 
US Army Corps of Engineers
 New England District

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MINIMUM DEPTHS IN
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NAME OF CHANNEL	DATE OF SURVEY	AUTHORIZED PROJECT			LEFT OUTSIDE QUARTER (feet)	MIDDLE HALF (feet)	RIGHT OUTSIDE QUARTER (feet)
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<u>CONDITION SURVEY</u>							
<u>6-Foot Channel</u>							
Thence upstream 1,460' to Buoy GC-25	07/14	125 to 100 to 115 to 100	.24	6.0	(7) 5.5	5.8	5.6
Thence upstream about 2,110' to termination of Federal navigation project	07/14	100	.35	6.0	(8) 6.0	6.0	6.0

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:

- (7). Except for shoaling to 4.3' within 10' of limit.
- (8). Except for shoaling to 4.2' within 5' of limit.