

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

DATE: **October 29, 2015**

T0: NAVIGATION INTEREST

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

Digitally signed by
WALKER.WILLIAM.H.1228577908
DN: c=US, o=U.S. Government, ou=DoD, ou=PKI,
ou=USA, cn=WALKER.WILLIAM.H.1228577908
Date: 2015.10.29 08:40:33 -04'00'

RIVER/HARBOR NAME AND STATE: New Bedford Harbor, New Bedford and Fairhaven, MA, Dwg. No. NBH-354, Sheets 1-5 of 5, Dated 29 October 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>30-Foot Channel</u>							
<u>Entrance Channel Reach</u>							
From about 50' seaward of Buoy FI R-6 upstream 6,500' to 370' seaward of Buoy FI R-8	7/15	350	1.07	30.0	30.0	30.0	30.0
Thence upstream 7,300' (about 40' seaward of Buoy FI R-10)	7/15	350	1.20	30.0	(1) 29.4	29.4	(2) 29.3
<u>Fort Phoenix Reach</u>							
Thence upstream 8,145' to center of Hurricane Barrier	7/15	350 to 150	1.34	30.0	29.3	29.2	29.0
<u>New Bedford Reach</u>							
Thence upstream 5,030' to about 400' seaward of Buoy FI R-8	7/15 and 9/15	150 to 350	0.83	30.0	28.9	(3) 29.0	(4) 29.1
Thence upstream about 1,740' to the beginning of 30-Foot Maneuvering Area	7/15	Varies	0.29	30.0	(5) 25.8	(6) 26.5	(7) 24.1

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 28.7' within 20' of limit.
- (2). Except for shoaling to 29.0' within 20' of limit.
- (3). Reported 27.8' obstruction removed by contractor in October 2015.
- (4). Except for shoaling to 28.5' within 20' of limit.
- (5). Except for shoaling to 24.9' within 10' of limit.
- (6). Except for shoaling to 18.3' thru the west draw.
- (7). Except for shoaling to 21.4' within 20' of limit.

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DATE: **October 1, 2015**

T0: NAVIGATION INTEREST

FROM: 
US Army Corps of Engineers
 New England District

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 BRADLEY.DANIEL.J.1228554410
 DN: c=US, o=U.S. Government, ou=DoD, ou=PKI,
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 Date: 2015.10.02 10:06:13 -04'00'

RIVER/HARBOR NAME AND STATE: New Bedford Harbor, New Bedford and Fairhaven, MA, Dwg. No. NBH-354, Sheets 1-5 of 5, Dated 01 October 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)			
<p><u>CONDITION SURVEY</u></p> <p><u>30-Foot North Maneuvering Area north and west of Fish Island</u></p> <p>From about 440' upstream of north face of New Bedford and Fairhaven Bridge for about 1,515'</p>	7/15	15.1 acres		30.0		(6) 26.7	
<p><u>30-Foot Maneuvering Area</u></p> <p>Adjacent to west limit of 30-Foot Channel (New Bedford Reach)</p>	7/15	61.3 acres		30.0		(7) 23.9	
<p><u>25-Foot Anchorage</u></p>	7/15	32.2 acres		25.0		(8) 24.2	

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:

- (6). Except for shoaling to 24.4' within 60' of western basin limits.
- (7). Except for shoaling to 23.4' within 150' of west limit and shoaling to 23.6' within 110' of south limit.
- (8). Except for shoaling to 21.8' within 75' of anchorage limits.

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RIVER/HARBOR NAME AND STATE: New Bedford Harbor, New Bedford and Fairhaven, MA, Dwg. No. NBH-354, Sheets 1-5 of 5, Dated 01 October 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>15-Foot Channel</u>							
From about 940' seaward of Buoy RN-4 upstream 2,770' (about 180' seaward of Buoy GC-1)	7/15	Varies 400 to 95	.46	15.0	(9) 15.0	(10) 14.1	(11) 14.4
<u>10-Foot Channel</u>							
From the termination of the of the 15-Foot Channel upstream about 920'	7/15	150	.15	10.0	7.8	(12) 10.0	(13) 10.0
<u>25-Foot Spur Channel</u>							
From about 100' seaward of Buoy RN-2 upstream for 885' to termination of Federal Channel	7/15	215 to 90	.15	25.0	(14) 23.8	20.0	(15) 22.1

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:

- (9). Except for shoaling to 9.9' within final 190' of reach.
- (10). Except for shoaling to 13.0' within last 50' of limit.
- (11). Except for shoaling to 8.5' within 10' of limit.
- (12). Except for shoaling to 9.1' within final 200' of reach.
- (13). Except for shoaling to 9.1' within final 100' of reach.
- (14). Except for shoaling to 22.5' within 10' of limit.
- (15). Except for shoaling to 13.6' within 10' of limit.