

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

DATE: **June 10, 2016**

**T0:**  
  
**NAVIGATION INTEREST**

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

Digitally signed by  
BARNES.ARTHUR.EDWARD.IV.1005843983  
DN: c=US, o=U.S. Government, ou=DoD, ou=PKI,  
ou=USA, cn=BARNES.ARTHUR.EDWARD.IV.1005843983  
Date: 2016.06.10 13:17:52 -04'00'

RIVER/HARBOR NAME AND STATE: Boston Harbor, Boston, MA  
Dwg. No. BOS-1922, Sheets 1-7 of 7, Dated 10 June 2016

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)	
<b><u>CONDITION SURVEY</u></b>								
<b><u>40-Foot Main Ship Channel</u></b>								
From about 350' seaward of Deer Is. light upstream 21,000' (about 400' upstream of Buoy FL R-12)	01/15 and 08/15	600	3.46	40.0	(1) 39.8	39.9	40.0	40.0
Thence upstream 15,430' to the 40-Foot Inner Harbor Confluence	8/14	600 to 1200 to 600	2.24	40.0	(2) 35.4	35.2	35.4	30.9
<b><u>40-Foot Dry Dock Approach Channel</u></b>								
Located Opposite Boston Marine Industrial Park Pier	08/15	Varies	.30	40.0	(3) 39.8	39.9	39.6	(4) 39.6
<b><u>40-Foot Inner Confluence</u></b>								
The confluence area to the Mystic River and Chelsea River	08/14	Varies	35.1 acres	40.0		39.3'	(5) available	
<b><u>40-Foot Reserved Channel Turning Area</u></b>								
Within the 35-Foot Main Ship Channel opposite the 40-Foot Reserved Channel	01/15 and 08/15	600	19.1 acres	40.0		40.0'	(6) 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 37.0' within 5' of limit.
- (2). Except for shoaling to 34.0' within 30' of limit.
- (3). Except for shoaling to 38.7' within 15' of west limit, shoaling to 39.1' within 30' of east limit, and shoaling to 38.0' within 20' of northeast limit.
- (4). Except for shoaling to 35.6' within the last 170' of channel.
- (5). Except for shoaling to 35.0' within 5' of limit.
- (6). Except for shoaling to 38.5' within 70' of east limit.

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Date: 2016.06.10 13:18:43 -04'00'

RIVER/HARBOR NAME AND STATE: Boston Harbor, Boston, MA  
Dwg. No. BOS-1922, Sheets 1-7 of 7, Dated 10 June 2016

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)	
<b><u>CONDITION SURVEY</u></b>								
<b><u>35-Foot Main Ship Channel</u></b>								
From the vicinity of Buoy FI R-2 upstream 12,000' (about 450' upstream of Buoy FL R-12)	01/15 and 08/15	600	1.57	35.0	34.5	34.8	33.9	34.0
Thence upstream 4,245' to the end of the 35-Foot Channel	08/14	600	1.20	35.0	33.6	33.0	31.1	31.2
<b><u>35-Foot Boston Waterfront Channel</u></b>								
From about 1,700' upstream of Buoy FL G-13 upstream 5,060' in the vicinity of Pier 3 and beginning of the 35-Foot Charles River Channel	08/14	600	1.00	35.0	31.1 <sup>(7)</sup>	32.2	32.7	33.2
<b><u>35-Foot Anchorage</u></b>								
Located at the upstream end of the 40-Foot President Roads Anchorage and adjacent to the 35-Foot Main Ship Channel	08/14	Varies	67.9 acre	35.0		33.1'	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:

(7). Except for shoaling to 29.6' within 5' of limit.