

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

DATE: **July 22, 2014**

T0: NAVIGATION INTEREST

FROM:

RIVER/HARBOR NAME AND STATE: Hyannis Harbor, Barnstable (Hyannis) and Yarmouth, Massachusetts
Dwg. No. HYA-174, Sheet(s) 1-7 of 7, Dated 22 July 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>AFTER DREDGE SURVEY</u>							
<u>13-Foot Channel</u>							
From about 340' seaward of Buoy FI G-5 upstream 3,120' to Buoy GC-7	6/14	240	.51	13.0	12.3	12.3	12.2
Thence upstream 2,380' to about 155' upstream of Buoy FI R-10	6/14	240 to 325 to 240	.39	13.0	(1) 13.0	12.7	(2) 12.7
Thence upstream 5,200' to about 50' seaward of Buoy FI R-18	6/14	240	.86	13.0	13.0	12.7	13.0
Thence upstream 2,920' to about 160' upstream of Buoy RN-22	6/14	240 to 320 to 220 to 150	.48	13.0	(3) 12.2	12.4	(4) 12.8
<u>13-Foot Turning Basin</u>	6/14		6.4 acres	13.0		(5) 10.6	
<u>12-Foot East Anchorage</u>	6/14		.44 acre	12.0		(6) 8.4	
<u>12-Foot North Anchorage</u>	6/14		.23 acre	12.0		12.0	
<u>13-Foot Inner Harbor Channel</u>	6/14	100	.12	13.0	(7) 10.0	(8) 12.2	9.6

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 11.8' within 25' of limit; located from Buoy FI G-9 upstream 380'.
- (2). Except for shoaling to 11.6' within 10' of limit; located from Buoy FI R-10 seaward 350'.
- (3). Except for shoaling to 10.4' within 10' of limit.
- (4). Except for shoaling to 11.8' within 40' of limit; located from Buoy FI R-18 upstream 350'.
- (5). Except for shoaling to 9.2' within 30' of northeast and southeast basin limits.
- (6). Except for shoaling to 7.9' within 10' of northeast anchorage limits.
- (7). Except for shoaling to 8.4' within 5' of limit.
- (8). Except for shoaling to 11.2' within final 10' of channel.