

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

PAGE 1 OF 2 PAGES

DATE: **April 8, 2016**

TO: NAVIGATION INTEREST

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

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Date: 2016.04.08 07:36:05 -04'00'

RIVER/HARBOR NAME AND STATE: Plymouth Harbor, Plymouth, Massachusetts
Dwg. No. PLY-507, Sheets 1-5 of 5, Dated 8 April 2016

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>18-Foot Authorized Channel</u> <u>(Maintained to 15-Feet)</u> | | | | | | | |
| From about 130' seaward of Buoy R & C / NC upstream about 6,940' (about 100' seaward of Plymouth Harbor Channel Light FI G-17) | 2/16 | 200 to 250 to 300 | 1.14 | 15.0 | (1) 14.2 | 15.0 | 15.0 |
| Thence upstream 1,660' to (about 600' upstream of Buoy GC-19) | 2/16 | 300 to 250 to 200 | .27 | 15.0 | 11.7 | 11.9 | 11.4 |
| Thence upstream 2,000' to (about 60' upstream of Buoy RN-22) | 2/16 | 200 | .33 | 15.0 | (2) 13.7 | 15.0 | 14.8 |
| Thence upstream 1,850' to end of 18' channel (about 230' upstream of Buoy GC-25) | 2/16 | 200 to 150 | .30 | 15.0 | 6.7 | 6.8 | 7.0 |
| <u>15-Foot Channel</u> | | | | | | | |
| Thence upstream 1.025' to end of 15' channel (about 520' upstream of Buoy GC-27) | 2/16 | 150 | .17 | 15.0 | 7.7 | 8.7 | 9.2 |

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:

- (1). Except for shoaling to 12.0' within 10' of limit.
- (2). Except for shoaling to 12.7' within 10' of limit.

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PAGE 2 OF 2 PAGES

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Date: 2016.04.08 07:37:47 -04'00'

RIVER/HARBOR NAME AND STATE: Plymouth Harbor, Plymouth, Massachusetts
Dwg. No. PLY-507, Sheets 1-5 of 5, Dated 8 April 2016

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 Turning Basin</u> | 2/16 | | 3.5 acres | 15.0 | | 6.9 | |
| <u>8-Foot Anchorage</u> | 2/16 | | 60.2 acres | 8.0 | | (3) 4.8 | |

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:

(3). Except for shoaling to 1.4' within 100' of west and northwest limits.