

U.S. ARMY ENGINEER DISTRICT, NEW ENGLAND
CORPS OF ENGINEERS
696 Virginia Road
Concord, Massachusetts 01742-2751

*mailed
11.45 am*
FEB 09 2005
✓

CENAE-EP-DS (11-2-240a)

MEMORANDUM FOR: See Distribution

SUBJECT: Results of Survey

1. In accordance with department regulations, there is enclosed a drawing showing results of survey in the following Federal project:

Plymouth Harbor, Plymouth, MA.

2. Controlling depth information for the above project is shown on the enclosed copy of navigation and chart data.

FOR THE COMMANDER:

2 Enclosures
1. ENG Form 4020-R
2. Dwg. No. PH-505

STEPHEN A. JOHNSTON
Chief, Survey Section


JOHNSTON
PROOFREAD

DISTRIBUTION:

GENERAL

Chief Operations Division, Lyn Preston, Nautical Data Branch/NOAA, N/C26, Station 7350
1315 East-West Highway, Silver Springs, MD 20910-3282 - 1 copy of drawing, 1 copy of form

USCG District 1(oan), 408 Atlantic Avenue, Boston, MA 02210-3350 - 4 copies of drawing, 4 copies of form

NOAA Ship WHITING, Atlantic Marine Center, 439 West York Street, Norfolk, VA 23510 - 1 copy of drawing, 1 copy of form

USCG Cutter Willow, NETC Pier 2 – ATTN: Desiree Atnip, Newport, RI 02841 - 1 copy of

drawing, 1 copy of form

Mr. Robert Duncan, 76 Upland Road, Concord, MA 01742 - 1 copy of drawing, 1 copy of form
(No longer, Return to Sender Feb. 18, 2004)

MASSACHUSETTS

Director, DEM Waterways, 349 Lincoln Street, Building 45, Hingham, MA 02043 – 1 copy of drawing, 1 copy of form

Commanding Officer, USCG WHITE HEATH (WLM-545), 427 Commercial Street, Boston, MA 02109-1027 - 1 copy of drawing, 1 copy of form
NO LONGER (1 ST. APR. 2002 BY LISA GREENLAW)

**REPORT OF CHANNEL CONDITIONS
100 TO 400 FEET WIDE
(ER 1130-2-316)**

DATE: FEB 09 2005

TO: FROM: U.S. Army Corps of Engineers
New England District
696 Virginia Road
Concord, MA. 01742-2751

RIVER/HARBOR NAME AND STATE: Plymouth Harbor, Plymouth, MA
Dwg. No. PH-505, Sheets 1-4 of 4, Dated 9 February 2005

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 (Maintained to 15-Feet)</u>							
From about 1,030' seaward of Buoy RN-10, upstream about 6,435' (about 300' seaward of Buoy RN-16)	09/04	200	1.06	15.0	15.0	15.0	15.0
Thence upstream about 1,185' (about 10' upstream of Buoy RN-18)	09/04	200 to 300 to 200	.20	15.0	14.4	14.2	13.0
Thence upstream about 3,815' (about 195' seaward of Buoy GC-23)	09/04	200	.63	15.0	(1) 12.9	13.9	(2) 13.0
Thence upstream about 995' to end of 18-Foot Authorized Channel (about 250' upstream of Buoy GC-25)	09/04	200 to 400 to 225 to 150	.16	15.0	8.8	9.0	8.8

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:

- (1). Except for shoaling to 12.3' within 10' along east channel limit from about 350' to 500' upstream of Buoy GC-19.
- (2). Except for shoaling to 12.3' within 15' along west channel limit from about 195' to 675' seaward of Buoy GC-23.

**REPORT OF CHANNEL CONDITIONS
100 TO 400 FEET WIDE
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PAGE 2 OF 2 PAGES

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New England District
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RIVER/HARBOR NAME AND STATE: **Plymouth Harbor, Plymouth, MA**
Dwg. No. PH-505, Sheets 1-4 of 4, Dated 9 February 2005

NAME OF CHANNEL	DATE OF SURVEY	AUTHORIZED PROJECT			MINIMUM DEPTHS IN CHANNEL ENTERING FROM SEAWARD		
		WIDTH (feet)	LENGTH Nautical (miles)	MLLW DEPTH (feet)	LEFT OUTSIDE QUARTER (feet)	MIDDLE HALF (feet)	RIGHT OUTSIDE QUARTER (feet)
<u>CONDITION SURVEY</u>							
<u>15-Foot Channel</u>							
From vicinity of Mayflower upstream about 1,020' to 15-Foot Turning Basin (about 5' upstream of Buoy GC-29)	09/04	150	.17	15.0	9.1	10.0	(3) 10.6
<u>15-Foot Turning Basin</u>	09/04		3.5 acres	15.0		8.5	
<u>8-Foot Anchorage</u>	09/04		60.2 acres	8.0		(4) 5.0	

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:

- (3). Except for shoaling to 8.1' within 10' along north channel limit from about 75' to 150' upstream of Buoy GC-27.
- (4). Except for shoaling to 4.3' within 10' along northwest anchorage limit, and to 2.4' at corner of northwest anchorage limit.