

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

Jan. 11, 2008

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:

Portsmouth Harbor and Piscataqua, ME and NH

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

FOR THE COMMANDER:

STEPHEN A. JOHNSTON
Chief, Survey Section

2 Enclosures:

1. ENG Form 4020-R
2. Dwg. No. 2644

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 Cutter Willow, LT JG Chmielecki - NETC Pier 2 – ATTN: Desiree Atnip, Newport,
RI 02841 – 1 copy of drawing, 1 copy of form

Capt. E. Howard McVay Jr. - Northeast Marine Pilots Incorporated, 243 Spring Street,
Newport, RI 02840 – 1 copy of drawing,


JOHNSTON
PROOFREAD

Kevin J. Blount Chief, Waterways Management & Marine Information Section – First Coast
Guard District 1 (oan) - 408 Atlantic Ave. Boston, MA 02110 – 3350
1 copy of drawing, 1 copy of form

MAINE

U.S. Army Corps of Engineers, LeeAnn B. Neal Maine Project Office, 675 Western Ave. # 3
Manchester, ME 04351

Kevin Rousseau - Federal Consistency/Dredging Coordination – State Planning Office –
16 State House Station 38 - Augusta. ME 04333-0016

PORTSMOUTH HARBOR/PISCATAQUA RIVER

Captain Dick Holt, Portsmouth Pilots, P.O. BOX 72, Portsmouth, NH 03802 - 1 copy of
drawing, 1 copy of form

**REPORT OF CHANNEL CONDITIONS
400 FEET WIDE OR GREATER
(ER 1130-2-316)**

DATE: January 11, 2008

TO:	FROM: U.S. Army Corps of Engineers New England District 696 Virginia Road Concord, MA. 01742-2751
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RIVER/HARBOR NAME AND STATE: Portsmouth Hbr. and Piscataqua R., ME. & N.H. Dwg. No. 2644, Sheets 1 of 1, Dated 11, Jan 2008	MINIMUM DEPTHS IN CHANNEL ENTERING FROM SEAWARD
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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)	
<p><u>REPORT SURVEY</u></p> <p><u>35-Foot Main Ship Channel</u></p> <p>From about 250' seaward of Buoy RN-8 upstream about 900'</p>	8/07	410 to 400	0.15	35.0	32.8	32.8	34.6	35.0

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:

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

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

April 9, 2007

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:

Portsmouth Harbor and Piscataqua River, ME & NH

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

FOR THE COMMANDER:

STEPHEN A. JOHNSTON
Chief, Survey Section

- 2 Enclosures:
1. ENG Form 4020-R
2. Dwg. No 2610



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

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

Kevin J. Blount Chief, Waterways Management & Marine Information Section – First Coast
Guard District 1 (oan) - 408 Atlantic Ave. Boston, MA 02110 – 3350

1 copy of drawing, 1 copy of form

MAINE

U.S. Army Corps of Engineers, LeeAnn B. Neal Maine Project Office, 675 Western Ave. # 3
Manchester, ME 04351-3526

Mr. Kevin Rousseau - Federal Consistency/Dredging Coordination -16 State Planning Office -
State House Station 38 - Augusta. ME 04333-0016

NEW HAMPSHIRE

Director, New Hampshire Port Authority, P.O. BOX 369, Portsmouth, NH 03802
1 copy of drawing, 1 copy of form

PORTSMOUTH HARBOR/PISCATAQUA RIVER

Captain Richard Holt Jr, Portsmouth Pilots, P.O. BOX 72, Portsmouth, NH 03802 - 1 copy of
drawing, 1 copy of form

**REPORT OF CHANNEL CONDITIONS
400 FEET WIDE OR GREATER
(ER 1130-2-316)**

PAGE 1 OF 2 PAGES

DATE: April 09, 2007

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

RIVER/HARBOR NAME AND STATE: Portsmouth Hbr. and Piscataqua R., ME. & N.H.
Dwg. No. 2610, Sheet(s) 1-6 of 6, 9 April 2007

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)	
<u>CONDITION SURVEY</u>								
<u>35-Foot Main Ship Channel</u>								
From about 1,400' seaward of FI R-8, upstream 6,940' to Buoy FI GC-11	2/05	400 to 900	1.14	35.0	35.0	35.0	35.0	34.8 ⁽¹⁾
Thence upstream 3,060' to downstream face of Highway U.S. 1 Bridge	2/05	220 to 770	0.50	35.0	26.1	34.3	34.8	35.0
Thence upstream 3,690' to downstream face of Highway U.S. 1 By-Pass Bridge	2/05	250 to 1,000 to 250	0.61	35.0	35.0 ⁽²⁾	35.0	35.0	35.0 ⁽³⁾
Thence upstream 7,960' to beginning of 35-foot Turning Basin (about 1,320' upstream of FI R-4)	2/05	220 to 700	1.31	35.0	33.1 ⁽⁴⁾	33.7	35.0	35.0 ⁽⁵⁾
<u>35-Foot Turning Basin</u>								
Thence upstream 1,510' to end of 35-foot Turning Basin	2/05	500 to 950 to 650	0.25	35.0	31.0 ⁽⁶⁾	35.0	35.0	35.0
<u>35-Foot Main Ship Channel</u>								
Thence upstream 7,780' to 35-foot Turning Basin (about 270' upstream of Buoy GC-11)	2/05	620 to 400	1.25	35.0	35.0 ⁽⁷⁾	35.0	35.0	35.0 ⁽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). Isolated shoal located about 300' upstream of FI R-10, 35.0' available elsewhere.
- (2). Except for shoaling to 31.9' located within 20' of south channel limit about 20' seaward of Buoy RN-14.
- (3). Isolated shoal of 34.3' is located within a 100' radius of Buoy RN-14 and within 30' of north channel limit; 35.0' available elsewhere.
- (4). Shoaling located from upstream face of U.S. Highway No. 1 bridge to about 600' upstream; 35.0' available elsewhere.
- (5). Except for isolated shoaling to 30.8' from approximately 1,440' to 2,540' seaward of FI R-4.
- (6). Shoaling within 70' of south Turning Basin limit; 35.0' available elsewhere.
- (7). Except for shoaling to 33.2' within 20' of south channel limit.
- (8). Except for shoaling to 31.7' from about 560' to 700' seaward of Buoy FI RN-10.

**REPORT OF CHANNEL CONDITIONS
400 FEET WIDE OR GREATER
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DATE: April 09, 2007

TO:	FROM: U.S. Army Corps of Engineers New England District 696 Virginia Road Concord, MA. 01742-2751
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RIVER/HARBOR NAME AND STATE: Portsmouth Hbr. and Piscataqua R., ME. & N.H. Dwg. No. 2610, Sheet(s) 1-6 of 6, 9 April 2007	MINIMUM DEPTHS IN CHANNEL ENTERING FROM SEAWARD
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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)	
<p><u>CONDITION SURVEY</u></p> <p><u>35-Foot Turning Basin</u></p> <p>Thence upstream 1,550' to end of Federal Navigation project (about 50' seaward of Buoy RN-12)</p>	2/05	400 to 800	0.26	35.0	34.4	34.9	35.0	35.0

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: