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)

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			MINIMUM DEPTHS IN CHANNEL ENTERING FROM SEAWARD			
		WIDTH (feet)	LENGTH Nautical (miles)	MLLW DEPTH (feet)	LEFT OUTSIDE QUARTER (feet)	MID-CHANNEL LEFT INSIDE QUARTER (feet)	MID-CHANNEL RIGHT INSIDE QUARTER (feet)	RIGHT OUTSIDE QUARTER (feet)
CONDITION SURVEY								
35-Foot Main Ship Channel								
From about 1,400' seaward of Fl R-8, upstream 6,940' to Buoy Fl 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 Fl R-4)	2/05	220 to 700	1.31	35.0	33.1 (4)	33.7	35.0	35.0 (5)
35-Foot Turning Basin								
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
35-Foot Main Ship Channel								
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 Fl 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 Fl 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 Fl RN-10.

NOAA Charts 13283 and 13285

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New England District
696 Virginia Road
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NAME OF CHANNEL	DATE OF SURVEY	AUTHORIZED PROJECT			MINIMUM DEPTHS IN CHANNEL ENTERING FROM SEAWARD			
						MID-CHANNEL		
		WIDTH (feet)	LENGTH Nautical (miles)	MLLW DEPTH (feet)	LEFT OUTSIDE QUARTER (feet)	LEFT INSIDE QUARTER (feet)	RIGHT INSIDE QUARTER (feet)	RIGHT OUTSIDE QUARTER (feet)
CONDITION SURVEY								
35-Foot Turning Basin								
Thence upstream 1,550' to end of Federal Navigation project (about 50' seaward of Buoy RN-12)	2/05	400 to 800	0.26	35.0	34.4	34.9	35.0	35.0

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FOOT NOTES:

NOAA Charts 13283 and 13285