

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

DATE: **March 27, 2013**

TO:	FROM:
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RIVER/HARBOR NAME AND STATE: Portsmouth Hbr & Piscataqua River, ME & NH Dwg. No. PIS-2722, Sheets 1-2 of 2, Dated 27 March 2013	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)	
<u>AFTER DREDGE / CONDITION SURVEY</u>								
<u>35-Foot Main Ship Channel</u>								
From about 200' seaward of Buoy FI R-6 upstream about 2,100' to Buoy RN-8	2-3/13	550 to 400	.35	35.0	(1) 35.0	35.0	35.0	(2) 35.0
Thence upstream 3,150'	2-3/13	400	.52	35.0	35.0	35.0	35.0	(3) 35.0
Thence upstream 2,540'	2-3/13	400	.42	35.0	(4) 34.6	35.0	35.0	(5) 34.9
<u>35-Foot Turning Basin</u>								
Thence upstream 1,550' to end of Federal Navigation Project (about 50' upstream of Buoy RN-12)	2-3/13		23.4 acres	35.0		(6) 35.0	Available	

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 33.1' within 20' along limit.
- (2). Except for Isolated shoaling to 33.2' located in the vicinity of Buoy FI R-6.
- (3). Except for shoaling to 33.9' within 10' along limit located from about 2,000' to 2,900' upstream of Buoy RN-8.
- (4). Shoaling is located from about 150' to about 250' seaward of Buoy FI G-9; 35.0' available elsewhere.
- (5). Except for shoaling to 34.7' within 5' along limit and isolated shoaling reported as 34.9' located 750' seaward of Buoy FI R-10; 35.0' available elsewhere.
- (6). Except for isolated shoaling to 34.7' within 5' of northwest limit and shoaling to 33.9' within 5' of west limit.

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

Dec. 14, 2009

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 – Back Channel/Sagamore Creek, 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
STEPHEN A. JOHNSTON
fa Chief, Survey Section

2 Enclosures:

1. ENG Form 4020-R
2. Dwg. No. 2659

JOHNSTON
PROOFREAD

NETM

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,

NEW HAMPSHIRE

Director, New Hampshire Port Authority, 555 Market Street, P.O. BOX 506, Portsmouth, NH 03801 - 1 copy of drawing, 1 copy of form No longer (Returned to sender May 03, 2006)

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
FOR CHANNELS LESS THAN 100 FEET WIDE
(ER 1130-2-316)**

DATE: **December 14, 2009**

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 Harbor-Back Channel/Sagamore Creek, Portsmouth, N.H. Dwg. No. 2659, Sheets 1-3 of 3, Dated 14 December 2009	MINIMUM DEPTHS IN CHANNEL ENTERING FROM SEAWARD
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NAME OF CHANNEL	DATE OF SURVEY	AUTHORIZED PROJECT			DEPTH AVAILABLE
		WIDTH (feet)	LENGTH Nautical (miles)	MLLW DEPTH (feet)	
<u>CONDITION SURVEY</u>					
<u>6-Foot Back Channel</u>					
From about 1,000' seaward of Buoy GC-13 upstream 1,740' (about 145' seaward of Buoy GC-15)	9-10/07	75	.30	6.0	6.0
<u>6-Foot Confluence Area</u>					
Thence upstream 430' (about 15' upstream from Buoy G & R SL)	9-10/07		1.63 acres	6.0	(1) 2.7
<u>6-Foot Northward Channel</u>					
From about 235' seaward of Buoy RN-2 upstream 1,920' to Buoy RN-4	9-10/07	75 to 60	.32	6.0	5.1
Thence upstream 900' to end of channel limit	9-10/07	60	.15	6.0	6.0
<u>6-Foot Southwest Channel</u>					
From about 80' upstream of Buoy G&R SL upstream 950' to Buoy RN-16	9-10/07	60	.16	6.0	4.1

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 Shoaling located 150' west of Buoy GC-15 in southern half portion of confluence limit. 6.0' available in the northern portion.

**REPORT OF CHANNEL CONDITIONS
FOR CHANNELS LESS THAN 100 FEET WIDE
(ER 1130-2-316)**

PAGE 2 OF 2 PAGES

DATE: **December 14, 2009**

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 Harbor-Back Channel/Sagamore Creek, Portsmouth, N.H. Dwg. No. 2659, Sheets 1-3 of 3, Dated 14 December 2009	MINIMUM DEPTHS IN CHANNEL ENTERING FROM SEAWARD
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NAME OF CHANNEL	DATE OF SURVEY	AUTHORIZED PROJECT			DEPTH AVAILABLE
		WIDTH (feet)	LENGTH Nautical (miles)	MLLW DEPTH (feet)	
<u>CONDITION SURVEY</u>					
<u>6-Foot Southwest Channel</u>					
Thence upstream 1,790' to Buoy RN-20	9-1007	60 to 80	.30	6.0	6.0
Thence upstream 1,780' (approx. 70' downstream of east face of Sagamore Bridge)	9-10/07	80 to 60	.29	6.0	(2) 4.8
<u>6-Foot Anchorage at Sagamore Creek</u>	9-10/07		0.83 acre	6.0	6.0 Available

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:
(2). Encroachment by floats and piles of Witch Cove Marina.

**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			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>								(1)
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
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	(2) 35.0	35.0	35.0	(3) 35.0
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	(4) 33.1	33.7	35.0	(5) 35.0
<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	(6) 31.0	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	(7) 35.0	35.0	35.0	(8) 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:

- (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.

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(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
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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: