

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

*Out out  
14:00 p.m.*  
FEB 05 2004  
✓

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:

Lamprey River, Newmarket, NH

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. 2561

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)

**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

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

DATE: **FEB 05 2004**

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

**RIVER/HARBOR NAME AND STATE:** Lamprey River, Newmarket, NH  
**Dwg. No. 2561, Sheet 1 of 5, Dated 5 March 2004**

NAME OF CHANNEL	DATE OF SURVEY	AUTHORIZED PROJECT			MINIMUM DEPTHS IN CHANNEL ENTERING FROM SEAWARD		
		WIDTH (feet)	LENGTH Nautical (miles)	MLW DEPTH (feet)	LEFT OUTSIDE QUARTER (feet)	MIDDLE HALF (feet)	RIGHT OUTSIDE QUARTER (feet)
<b><u>CONDITION SURVEY</u></b> <b><u>5-Foot Channel</u></b>							
From about 100' seaward of N.H. Port Authority FR (Great Bay) upstream about 4500' (to Shackford Point)	07/97	100	.74	5.0	(1) 0.8	(2) 1.7	0.2
Thence upstream about 1975' (from Shackford Point)	07/97	100	.33	5.0	(3) 0.6	4.1	1.4
Thence upstream about 3570'	07/97	100	.59	5.0	(4) 1.5	3.0	(5) 1.1
Thence upstream about 220'	07/97	100 to 40	.036	5.0		2.2	
Thence upstream about 1525'	07/97	40	.25	5.0		(6) 2.1	
Thence upstream about 1620' to upstream end of Federal Project	07/97	40	.27	5.0		1.9	

**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 +0.3' within 10' along south channel limit (adjacent to Moody Point).
- (2). Except for shoaling to 0.8' at left of centerline about 1050' seaward of Shackford Point.
- (3). Except for shoaling to +0.3' within 10' along south channel limit.
- (4). Except for shoaling to 0.6' within 10' along south channel limit.
- (5). Except for shoaling to 0.1' within 10' along north channel limit.
- (6). Except for shoaling to 0.9' within 10' along north channel limit.
- (7). Obstruction of several private floats along north and south channel limits at all reaches.
- (8). Obstruction of private moorings located at centerline of channel limit.