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

Feb. 21, 2006

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:

Pawtuxet Cove – Cranston and Warwick, RI

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. Pa. 28

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

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

RHODE ISLAND

Mr. Jeff Willis – Coastal Resources Management Council – Oliver H. Stedman Government Center – 4808 Tower Hill Road, Suite 3 Wakefield, RI 02879-1900 – 1 copy of drawing, 1 copy of form

Northeast Marine Pilots Incorporated, 243 Spring Street, Newport, RI 02840 – 1 copy of drawing, 1 copy of form

Commanding Officer – USCG Marine Safety Office, Providence – 20 Risho Avenue, East Providence, RI 02914-1215 – 1 copy of drawing, 1 copy of form

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

DATE: Feb. 21, 2006

TO:

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

RIVER/HARBOR NAME AND STATE: Pawtuxet Cove, Cranston and Warwick, RI
Dwg. No. Pa. 28, Sheets 1-2 of 2, Dated 21 February 2006

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)
AFTER DREDGE SURVEY							
6-Foot Channel							
From about 90' upstream of Buoy GC-3, upstream 1,000' (about 140' upstream of Buoy GC-5)	02/06	100	.17	6.0	6.0	6.0	6.0
Thence upstream 535'	02/06	100 to 170 to 240 to 100	.09	6.0	(1) 6.0	6.0	6.0
Thence upstream 1,375'	02/06	100	.23	6.0	6.0	6.0	(2) 6.0
Thence upstream 610' to end of Federal Project	02/06	100 to 65	.10	6.0	(3) 6.0	(4) 6.0	(5) 6.0
6-Foot Turning Basin							
From about 610' seaward of end of Federal Project upstream about 270'	02/06		0.41 acre	6.0		(6) 6.0	
6-Foot Anchorage							
From about 210' upstream of Buoy RN-6 to the 6-Foot Anchorage for about 1,820' to end of Federal Project	02/06		16.2 acres	6.0		(7) 5.6	

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 3.9' within 10' along west channel limit.
(2). Except for shoaling to 5.5' within 10' along east channel limit.
(3). Except for isolated shoaling to 4.6' within 10' of west channel limit about 325" from end of Federal Project.
(4). Except for shoaling to 5.7' within 10' at end of Federal Project.
(5). Except for shoaling to 5.9' within 10' of east channel limit about 250' from end of Federal Project.
(6). Except for shoaling to 4.7' within 10' of turning basin limit in an adjacent to dock structure of Condominium Complex.
(7). Except for shoaling to 5.1' within 30' within the southwest corner of Anchorage limit;
except for shoaling to 3.6' within 10' within along west anchorage limit.

NOAA Chart 13224