

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

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

October 05, 2006

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:

Milford Harbor – Milford, CT

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. Md 417

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

CONNECTICUT (The following address receive information for all CT Project)

Mr. Dave Rossiter
Bureau of Aviation & Ports
Office of Waterways State Pier
CT Department of Transportation
New London, CT 06320

1 drawing of map

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

DATE: Oct. 05, 2006

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

RIVER/HARBOR NAME AND STATE: Milford Harbor; Milford, CT
Dwg. No. Md 417, Sheets 1-2 of 2, Dated 05 October 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)
<u>CONDITION SURVEY</u> <u>10-Foot Channel</u>							
From about 90' seaward of Buoy RN-6 upstream 1,490' (about 50' upstream of Milford Harbor Light)	10-11/05	100	0.25	10.0	7.3	6.5 ⁽¹⁾	7.4 ⁽²⁾
Thence upstream 1,170' (to the upstream limit of the 10-foot channel and anchorage)	10-11/05	100 to 150	0.19	10.0	10.0	10.0	10.0 ⁽³⁾
<u>8-Foot Channel</u>							
Thence upstream from end of 10-foot channel 1,360' (about 20' upstream of Buoy RN-12)	10-11/05	100	0.22	8.0	7.2 ⁽⁴⁾	7.3	6.6 ⁽⁵⁾
Thence upstream 1,550' to end of Federal Navigation Project	10-11/05	100 to 125	0.26	8.0	7.7 ⁽⁶⁾	7.0	7.3 ⁽⁷⁾
<u>10-Foot Anchorage</u>	10-11/05		0.93 acres	10.0		7.8' available	
<u>8-Foot Anchorage</u>	10-11/05		5.67 acres	8.0		6.9' 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). Shoaling located from 80' downstream to 130' upstream of Buoy RN-8, 7.6' available elsewhere.
- (2). Except for shoaling to 4.5' from about 80' seaward to 130' upstream of Buoy RN-8 and except for shoaling to 3.7' along east channel limit.
- (3). Except for shoaling to 7.3' within last 80' of 10-foot channel.
- (4). Shoal located within 10' of west channel limit, 7.6' available elsewhere.
- (5). Except for shoaling to 6.3' within 5' of east channel limit.
- (6). Except for shoaling to 6.5' within 10' of west channel limit. Encroachment by piles and dock.
- (7). Except for shoaling to 6.8' within the last 330' of channel and except for shoaling to 6.3' within 10' of east channel limit. Encroachment by anchorage float.