

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

Feb. 04, 2008

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:

Thames River – New London, CT

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. TH-869

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,


JOHNSTON
PROOFREAD

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)

Joseph R. Salvatore
Dredging Project Coordinator
Bureau of Aviation & Ports – Maritime Office
2800 Berlin Turnpike
P.O. Box 317546
Newington, CT 06131-7546

Email: Joseph.salvatore@po.state.ct.us

1 drawing of map

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

1 drawing of map

NEW HAVEN AND NEW LONDON HARBOR & BRIDGEPORT

Stephanie Pitts
Commanding Officer
US Coast Guard
Group Long Island Sound
120 Woodward Ave.
New Haven, CT 06512 - 3628

1 copy of Results of Survey
1 drawing of map
(Reorder by John G. Aug. 27, 2007)

Captain Vincent Cashin, Constitution State Pilots, 9 Nottingham Road - Old Lyme,
CT 06371-1819

(New address Dec. 16 2002 By Moe) 1 copy of drawing, 1 copy of form

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

DATE: 4 February 2008

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

RIVER/HARBOR NAME AND STATE: Thames River, New London, CT
Dwg. No. TH-869, Sheets 1-10 of 10, Dated 4 February 2008

| 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>25-Foot Channel</u> | | | | | | | |
| From south face of Railroad Bridge for 19,800' (about 480' downstream of Buoy RN-14) | 7 & 8/ 06 | 145 to 250' | 3.26 | 25.0 | 25.0 | 25.0 | 25.0 |
| Thence upstream 8,200' (about 260' upstream of Buoy RN-20) | 7/06 | 200 to 400 to 200 | 1.35 | 25.0 | (1) 22.1 | 25.0 | (2) 22.9 |
| Thence upstream 7,600' to Buoy RN-26 | 7/06 | 200 to 250 | 1.25 | 25.0 | (3) 19.1 | 18.6 | (4) 17.1 |
| Thence upstream 2,720' to Buoy GC-29 | 7/06 | 200 to 250 | 0.45 | 25.0 | (5) 8.9 | 14.9 | (6) 21.5 |
| Thence upstream 11,180' (about 580' upstream of Buoy RN-38) | 6 & 7/06 | 200 to 250 | 1.84 | 25.0 | (7) 16.9 | 18.5 | (8) 16.5 |
| Thence upstream 6,810' to Buoy GC-45 | 7/06 | 200' | 1.12 | 25.0 | (9) 19.0 | 19.1 | (10) 17.3 |
| Thence upstream 5,840' to end of Federal Channel | 7/06 | 200' | 0.96 | 25.0 | (11) 19.3 | 21.0 | (12) 19.4 |

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 19.4' within 20' of channel limit.
- (2). Except for shoaling to 15.3' from 200' downstream to 150' upstream of Buoy RN-14.
- (3). Except for shoaling to 18.0' within 25' of channel limit.
- (4). Except for shoaling to 16.2' within 10' of channel limit.
- (5). Except for shoaling to 7.1' within 10' of channel limit.
- (6). Except for shoaling to 19.4' within 15' of channel limit.
- (7). Except for shoaling to 15.0' within 15' of channel limit.
- (8). Except for shoaling to 15.0' within 15' of channel limit.
- (9). Except for shoaling to 13.2' within 10' of channel limit.
- (10). Except for shoaling to 15.4' within 10' of channel limit.
- (11). Except for shoaling to 18.1' within 15' of channel limit.
- (12). Except for shoaling to 17.7' within 10' of channel limit located within 100' upstream of Buoy GC-45.

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

DATE: 4 February 2008

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

RIVER/HARBOR NAME AND STATE: Thames River, New London, CT
Dwg. No. TH-869, Sheets 1-10 of 10, Dated 4 February 2008

MINIMUM DEPTHS IN
CHANNEL ENTERING FROM SEAWARD

| NAME OF CHANNEL | DATE OF SURVEY | AUTHORIZED PROJECT | | | LEFT OUTSIDE QUARTER (feet) | MIDDLE HALF (feet) | RIGHT OUTSIDE QUARTER (feet) |
|--|----------------|--------------------|-------------------------|-------------------|-----------------------------|--------------------|------------------------------|
| | | WIDTH (feet) | LENGTH Nautical (miles) | MLLW DEPTH (feet) | | | |
| <u>CONDITION SURVEY</u> <u>20-Foot Channel</u> From about 1,200' seaward of Buoy FI G-9 for 5,800' (about 1,270' upstream of Buoy FI G-11) | 8/06 | 350 | 0.95 | 20.0 | 20.0 | 20.0 | 20.0 |
| <u>25-Turning Basin</u> | 6/06 | 16.8 acres | | 25.0 | | (13) 12.0 | |

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:

(13). Except for shoaling to 6.8' within 150' of northwest turning basin limit opposite American Wharf.