

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

Jan. 29, 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:

New London Harbor, New London and Groton, 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. NL-186



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 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,

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 1 drawing of map
Bureau of Aviation & Ports
Office of Waterways State Pier
CT Department of Transportation
New London, CT 06320

NEW HAVEN AND NEW LONDON HARBOR & BRIDGEPORT

Stephanie Pitts
Commanding Officer
US Coast Guard
Group Long Island Sound 1 copy of Results of Survey
120 Woodward Ave. 1 drawing of map
New Haven, CT 06512 - 3628 (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
400 FEET WIDE OR GREATER
(ER 1130-2-316)**

PAGE 1 OF 2 PAGES

DATE: Jan. 29, 2008

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

RIVER/HARBOR NAME AND STATE: **New London Harbor, New London/Groton, CT.**
Dwg. No. **NL-186, Sheets 1-4 of 4, Dated 28 January 2008**

MINIMUM DEPTHS IN
CHANNEL ENTERING FROM SEAWARD

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>40-Foot Main Ship Channel</u>								
From about 450' upstream of Buoy FI R-2, upstream 19,920' (about 920' downstream of Buoy RN-14)	2-7/07	500	3.28	40.0	39.6 ⁽¹⁾	40.0	39.5	39.8 ⁽²⁾
<u>36-Foot Channel</u>								
Thence upstream 5,070' to seaward face of Bascule R.R. Bridge	2-7/07	500 to 150	0.83	36.0	35.0 ⁽³⁾	36.0	36.0	36.0 ⁽⁴⁾
<u>40-Foot Anchorage</u>								
	2-7/07	720 x 1870	16.7 acres	40.0		30.7	(5) Available	
<u>23-Foot South Waterfront Channel</u>								
From about 90' seaward of Buoy GC-9 upstream 1,250' (to about 50' seaward of Buoy GC-1)	2-7/07	400	0.21	23.0	23.0	23.0	23.0	23.0
Thence upstream 2,220' to the upstream limit of the South Waterfront Channel	2-7/07	400 to 210	.37	23.0	19.2	20.2	19.8	19.3

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 38.8' within 20' along west channel limit.
- (2). Except for shoaling to 38.9' within 20' along east channel limit.
- (3). Except for shoaling to 34.1' within 10' of west channel limit from Buoy FI G-13 upstream 420' and shoaling to 32.8' within the last 30' of channel.
- (4). Except for shoaling to 33.7' within 15' of east channel limit from about 350' to 1,600' upstream of Buoy RN-14 and shoaling to 32.7' within the last 35' of channel.
- (5). Concrete Mooring Piers located within the middle of the 40-Foot Anchorage.

**REPORT OF CHANNEL CONDITIONS
400 FEET WIDE OR GREATER
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Dwg. No. NL-186, Sheets 1-4 of 4, Dated 28 January 2008

MINIMUM DEPTHS IN
CHANNEL ENTERING FROM SEAWARD

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>23-Foot Anchorage</u>	2-7/07	15.5 acres		23.0		(6) 20.0	Available	
<u>23-Foot North Waterfront Channel</u>								
From about 750' seaward of City Pier New London upstream 1,845' to the upstream limit of the Federal Channel (opposite Long Dock and State Pier)	2-7/07	400 to 740	0.30	23.0	19.5	21.4	20.7	20.3
<u>23-Foot Winthrop Cove Channel</u>	2-7/07	250 to 80	0.26	23.0	(7) 16.3	(8) 21.1	(9) 20.3	(10) 19.3
<u>23-Foot Channel between Long Dock and State Pier</u>	2-7/07	100	0.16	23.0		(11) 23.0	Available	
<u>23-Foot Maneuvering Area</u>	2-7/07	450 x 1,300	6.8 acres	23.0		21.8	Available	

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FOOT NOTES:

- (6). Except for shoaling to 18.9' within 175' along east channel limit; previously part of the 23-Foot Waterfront Channel redesignated middle portion as a 23-Foot Anchorage Area per Water Resources Development Act (WRDA) of 2007.
- (7). Except for shoaling to 9.9' in the last 225' of channel.
- (8). Except for shoaling to 18.0' in the last 400' of channel.
- (9). Except for shoaling to 18.6' in the last 290' of channel.
- (10). Except for shoaling to 18.1' in the last 180' of channel and 16.6' within 10' of east channel limit.
- (11). Except for shoaling to 22.1' within 5' at the southwest corner of west channel limit opposite long dock.

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

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SUBJECT: Results of Survey

1. In accordance with department regulations there is enclosed a drawing showing results of survey in the following Federal project:

New London Harbor, Shaw's Cove, 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:

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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 1 drawing of map
Bureau of Aviation & Ports
Office of Waterways State Pier
CT Department of Transportation
New London, CT 06320

NEW HAVEN AND NEW LONDON HARBOR & BRIDGEPORT

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

PAGE 1 OF 1 PAGES

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TO:

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

RIVER/HARBOR NAME AND STATE: New London Harbor, Shaw's Cove, CT
Dwg. No. NL-187, Sheets 1-1 of 1, Dated 28 January 2008

MINIMUM DEPTHS IN
CHANNEL ENTERING FROM SEAWARD

NAME OF CHANNEL	DATE OF SURVEY	AUTHORIZED PROJECT			DEPTH AVAILABLE
		WIDTH (feet)	LENGTH Nautical (miles)	MLLW DEPTH (feet)	
<u>CONDITION SURVEY</u>					
<u>Shaw's Cove</u>					
<u>15-Foot Entrance Channel</u> (south draw)	9/07	50	0.07	15.0	14.3 Available
<u>15-Foot Anchorage Basin</u>	9/07		6.9 acres	15.0	(1) 13.9 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). Except for shoaling to 13.4' within 25' of north limit; 11.6' within 70' of west limit; and 11.9' within 125' of south limit; encroachments on numerous sides by floats/docks, oil dock and platform on east side.