

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

*Mailed
10/14 Mar./09
✓*

MAR. 04, 2009

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:

Stamford Harbor – Stamford, 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. Sd. 726


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,

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

Joseph R. Salvatore (No longer Transfer to Email By Bill 25 Mar 2008)
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

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)

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

DATE: **March 4, 2009**

T0: FROM: **U.S. Army Corps of Engineers
New England District
696 Virginia Road
Concord, MA. 01742-2751**

RIVER/HARBOR NAME AND STATE: **Stamford Harbor, Stamford, CT**
Dwg. No. **Sd. 726, Sheets 1-6 of 6, Dated 4 March 2009**

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>18-Foot Entrance Channel</u> From about 800' seaward of East Breakwater upstream 3,410' (about 20' seaward of Buoy GC-7)	1-2/08	200	.56	18.0	13.5	16.3	(1) 14.8
<u>15-Foot Entrance Channel</u> Thence upstream 3,000' to confluence of east and west branch channels (vicinity of Bouy GC-1)	2/08	200 to 125	.49	15.0	(2) 11.0	14.2	(3) 12.4
<u>15-Foot West Branch Channel</u> Thence upstream 3,565' (about 225' upstream of Buoy RN-10)	1-2/08	125	.59	15.0	(4) 10.4	11.7	(5) 10.0
<u>15-Foot West Branch Basin</u> Thence upstream 1,550' to upstream end of north limit of basin	2/08	Varies	10 acres	15.0		(6) 7.2 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 13.9' within 10' of limit.
- (2). Except for shoaling to 9.9' within 10' of limit.
- (3). Except for shoaling to 11.5' within 10' of limit.
- (4). Except for shoaling to 7.5' within 5' of limit.
- (5). Except for shoaling to 9.3' within 5' of limit.
- (6). Except for shoaling to 0.6' within 225' of north basin limit, and shoaling to 6.0' within 5' of east basin limit, and shoal to 7.2' within 10' of west limit.

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New England District
696 Virginia Road
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RIVER/HARBOR NAME AND STATE: Stamford Harbor, Stamford, CT
Dwg. No. Sd. 726, Sheets 1-6 of 6, Dated 4 March 2009

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>12-Foot East Branch Channel</u>							
From about 60' upstream of Buoy RN-12 upstream about 2,640' to the gate of the Hurricane Barrier	1-2/08	100 to 125	.43	12.0	(7) 7.7	12.0	(8) 10.1
Thence upstream 2,825' to the vicinity of Stamford Harbour Square Marina	1-2/08	125 to 100 150 to 100	.46	12.0	(9) 7.1	9.5	6.3
Thence upstream 980'	1-2/08	100	.16	12.0	2.1	5.0	9.6
Thence upstream 1,155' to the upstream end of channel	1-2/08	100 to 75 to 115	.19	12.0		(10) 2.8 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:

- (7). Shoaling located in the vicinity of Front Range Beacon; otherwise 9.1' available elsewhere.
- (8). Except for shoaling to 8.3' within 10' of limit.
- (9). Except for shoaling to 6.1' within 5' of limit.
- (10). Except for shoaling to 0.2' within 175' of upstream end of north limit of channel; (Barges in portion of this channel segment).

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

DATE: **March 4, 2009**

TO:	FROM: U.S. Army Corps of Engineers New England District 696 Virginia Road Concord, MA. 01742-2751
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RIVER/HARBOR NAME AND STATE: Stamford Harbor, Stamford, CT Dwg. No. Sd. 726, Sheets 1-6 of 6, Dated 4 March 2009	MINIMUM DEPTHS IN CHANNEL ENTERING FROM SEAWARD
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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>18-Foot Anchorage</u>							
Adjacent to west limit of 18-foot entrance channel							
Southern Half	1-2/08	1450x600	20 acres	18.0	(11) 10.3 available		
Northern Half	1-2/08			18.0	(12) 12.0 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:

- (11). Isolated shoaling in southern half; Potential obstruction located within 60' radius at Lat. N 41 01.1136, Long. W 073 32.3119.
- (12). Except for shoaling to 9.8' within 250' of northwest anchorage limit.