

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

July 27, 2007

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

MEMORANDUM FOR: See Distribution

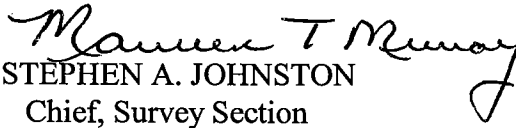
SUBJECT: Results of Survey

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

Bridgeport Harbor – Bridgeport, CT

2. Controlling depth information for the above project is shown on the enclosed copy of navigation and chart data.

FOR THE COMMANDER:

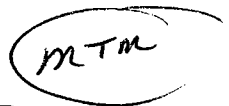

STEPHEN A. JOHNSTON
Chief, Survey Section

2 Enclosures:

1. ENG Form 4020-R
2. Dwg. No. BT-538

DISTRIBUTION:

JOHNSTON
PROOFREAD



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)

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
400 FEET WIDE OR GREATER
(ER 1130-2-316)**

DATE: July 27, 2007

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

RIVER/HARBOR NAME AND STATE: Bridgeport Harbor, CT.
Dwg. No. BT-538, Sheets 1-4 of 4, Dated 27 July 2007

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>35-Foot Main Ship Channel</u>								
From about 110' seaward of Buoy GC-3 upstream 12,846' to Bug Light	11-12/06	400	2.11	35.0	(1) 31.0	32.5	31.7	(2) 29.1
Thence upstream about 4,746' to Buoy GC-21	11-12/06	400 to 590	.78	35.0	(3) 25.0	27.7	30.8	33.3
Thence upstream about 3,894' to upstream end of Bridgeport 35-Foot Main Ship Channel	11-12/06	590 to 290	.64	35.0	23.6	27.4	25.3	(4) 23.7
<u>25-Foot Anchorage</u>	11-12/06		17.1 acres	25.0		22.2	available	
<u>35-Foot Turning Basin</u>	11-12/06		18.2 acres	35.0		(5) 28.6	available	
<u>18-Foot SW Anchorage</u>	11-12/06		7.3 acres	18.0		(6) 18.0	available	
<u>18-Foot NW Anchorage</u>	11-12/06		17.5 acres	18.0		(7) 16.1	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 scattered shoaling to 30.5' within 20' along west channel limit.
- (2). Except for shoaling to 28.5' within 15' along east channel limit.
- (3). Except for isolated shoaling to 23.5' within 30' along west channel limit located 100' within the seaward vicinity of Buoy FI G-19.
- (4). Except for shoaling to 22.9' within 10' along east channel limit.
- (5). Except for shoaling to 23.7' within 80' along the north turning basin limit, and shoaling to 27.1' within 100' along the south turning basin limit.
- (6). Except for isolated shoaling to 17.0' within about 50' of the most southwesterly corner of southwest anchorage limit.
- (7). Except for shoaling to 14.0' within 125' of the least southwesterly corner of northwest anchorage limit.

JUN 22 2004

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

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:

Johnson River; Bridgeport, 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. BT-535

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

NOAA Ship WHITING, Atlantic Marine Center, 439 West York Street, Norfolk, VA 23510 - 1
copy of drawing, 1 copy of form

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

PAGE 1 OF 1 PAGES

DATE:

TO:

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

RIVER/HARBOR NAME AND STATE: Johnson River; Bridgeport, CT

Dwg. No. BT-535, Sheet 1 of 1, Dated 16 June 2004

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>15-Foot Channel</u>							
From about 230' upstream of Buoy RN-2 upstream for 2,230' (about 950' upstream of Buoy RN-4)	10/03	200 to 340 to 250	0.37	15.0	14.1 ⁽¹⁾	14.6	7.4 ⁽²⁾
Thence upstream 740' to end of 15' channel (Vicinity of Buoy RN-8)	10/03	250 to 100	0.12	15.0	11.1	10.7	10.3
<u>9-Foot Channel</u>							
Thence upstream 410' to end of Federal Project	10/03	100	0.07	9.0	9.0	9.0	9.0

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:

- (1). Except for shoaling to 13.3' within about 20' along northwest channel limit.
- (2). Except for shoaling to 3.6' within 15' along southeast channel limit.

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

sent out
~~JUL 30 2004~~
Aug 2nd 04

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:

Yellow Mill River; Bridgeport, 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. BT-536

STEPHEN A. JOHNSTON
Chief, Survey Section



JOHNSTON
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NOAA Ship WHITING, Atlantic Marine Center, 439 West York Street, Norfolk, VA 23510 - 1
copy of drawing, 1 copy of form

USCG Cutter Willow, NETC Pier 2 – ATTN: Desiree Atnip, Newport, RI 02841 - 1 copy of drawing, 1 copy of form

Mr. Robert Duncan, 76 Upland Road, Concord, MA 01742 - 1 copy of drawing, 1 copy of form
(No longer, Return to Sender Feb. 18, 2004)

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

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

1 copy of Results of Survey
1 drawing of map

(No longer)

NEW LONDON HARBOR, NEW HAVEN HARBOR & BRIDGEPORT HARBOR

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

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

DATE: **JUL 30 2004**

T0:

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

RIVER/HARBOR NAME AND STATE: Yellow Mill River; Bridgeport, CT
Dwg. No. BT-536, Sheet 1-2 of 2, Dated 16 June 2004

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 Channel</u>							
From 70' seaward of Buoy GRC-YM upstream 1,800' to approximate upstream face of Stratford Ave Bridge	10/03	150 to 100	0.29	18.0	14.2 ⁽¹⁾	14.9	16.2
Thence upstream 3,110' to end of Federal Project	10/03	100 to 150	0.51	18.0	12.8 ⁽²⁾	13.3 ⁽³⁾	13.3 ⁽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 13.4' within about 10' along west channel limit.
- (2). Except for shoaling to 2.2' within last 450' of reach.
- (3). Except for shoaling to 2.1' within the last 400' of reach.
- (4). Except for shoaling to 2.0' within the last 750' of reach and shoaling to 11.0' within 10 of west channel limit vicinity of I-95 bridge.

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

sent out
~~JUL 30 2004~~
Aug. 2nd 04

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:

Pequonnock River; Bridgeport, 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. BT-537

STEPHEN A. JOHNSTON
Chief, Survey Section



JOHNSTON
PROOFREAD

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

1 drawing of map

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

1 copy of Results of Survey
1 drawing of map

(No longer)

NEW LONDON HARBOR, NEW HAVEN HARBOR & BRIDGEPORT HARBOR

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

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

DATE: **JUL 30 2004**

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

RIVER/HARBOR NAME AND STATE: **Pequonnock River; Bridgeport, CT**
Dwg. No. **BT-537, Sheet 1-2 of 2, Dated 16 June 2004**

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>18-Foot Channel</u>							
From about 350' seaward of I-95 Bridge upstream 1,210' to the upstream face of the Stratford Ave Bridge	10/03	200 to 100	0.20	18.0	(1) 18.0	18.0	18.0
Thence upstream 1890' (50' seaward of Congress Street Bridge)	10/03	100 to 200 to 70 to 125 to 100	0.31	18.0	(2) 14.8	17.0	(3) 12.6
Thence upstream 1200' (50' seaward of a Bascule Bridge)	10/03	100 to 70 to 175 to 70	.20	18.0	(4) 8.1	14.2	(5) 13.9
Thence upstream 2,750' to the end of Federal Project	10/03	70 to 125	0.45	18.0	(6) 7.5	(7) 11.1	(8) 10.9

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 7.9 within 15' of west channel limit.
- (2). Except for shoaling to 12.0' within 10' along west channel limit.
- (3). Except for shoaling to 5.3' within 5' along east channel limit.
- (4). Except for shoaling to 6.9' along west channel limit.
- (5). Except for shoaling to 13.4 within 20' along east channel limit.
- (6). Except for shoaling to 4.2' within the last 100' of reach.
- (7). Except for shoaling to 1.6' within the last 600' of reach.
- (8). Except for shoaling to 1.6' within the last 600' of reach.