

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

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

DEC 15 2005

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:

Connecticut River – Saybrook Outer – Saybrook Shoal – Rock Landing – Higganum Creek –
Pistol Point, 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. CT. 980

Stephen A. Johnston
STEPHEN A. JOHNSTON
Chief, Survey Section

DISTRIBUTION:

JOHNSTON *MTM*
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 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: **DEC 15 2005**

TO:

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

RIVER/HARBOR NAME AND STATE: Connecticut River, Old Saybrook – Hartford, CT
Dwg. No. Ct. 980, Sheets 1-8 of 8, Dated 14 December 2005

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>							
<u>Saybrook Outer Bar</u>							
From about 25' seaward of Buoy FI R-2 upstream about 1,400'	10/04	300	.23	15.0	13.0	11.9	(1) 8.8
Thence upstream about 1,010' to Buoy RN-4	10/04	300	.17	15.0	(2) 9.1	10.9	(3) 12.0
Thence upstream about 700'	10/04	300	.12	15.0	7.8	9.8	12.3
Thence upstream about 400'	10/04	300	.07	15.0	15.0	15.0	15.0
<u>Saybrook Shoal</u>							
From about 1,260' seaward of Buoy FI R-14 upstream about 900'	10/04	300	.15	15.0	15.0	15.0	15.0
Thence upstream about 1,935' to Buoy GC-17	10/04	300	.32	15.0	(4) 10.2	9.9	10.3
Thence upstream about 2,335'	10/04	300	.38	15.0	11.5	(5) 12.3	13.2

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 8.8' within 25' of east channel limit.
- (2). Except for shoaling to 8.3' within 10' along west channel limit from about 0' to 100' seaward of Buoy RN-4.
- (3). Except for shoaling to 11.3' within 30' along east channel limit from about 130' to 860' seaward of Buoy RN-4.
- (4). Except for shoaling to 9.7' within 40' along west channel limit from about 260' to 450' seaward of Buoy GC-15.
- (5). Except for shoaling to 10.9' within 20' radius in vicinity of Buoy GC-17.

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

DATE: **DEC 15 2005**

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

RIVER/HARBOR NAME AND STATE: Connecticut River, Old Saybrook – Hartford, CT
Dwg. No. Ct. 980, Sheets 1-8 of 8, Dated 14 December 2005

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>							
<u>Rock Landing Bar</u>							
From about 0' seaward of Rock Landing Rear Front Light upstream about 875'	10/04	150	.14	15.0	11.7	12.5	13.4
Thence upstream about 2,150'	10/04	150	.35	15.0	10.0	9.8	9.6
<u>Higganum Creek Bar</u>							
From about 1,180' seaward at mouth of Higganum Creek upstream about 1,570'	10/04	150	.26	15.0	11.7	10.8	10.4
Thence upstream about 450'	10/04	150	.07	15.0	15.0	15.0	15.0
<u>Pistol Point Bar</u>							
From about 750' seaward at mouth of Reservoir Brook upstream about 1,985'	10/04	150	.33	15.0	11.5	13.5	15.0
Thence upstream about 2,275'	10/04	150	.37	15.0	10.0	10.6	11.1
Thence upstream about 1,865'	10/04	150	.31	15.0	15.0	15.0	14.1

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:

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

SEP 29 2004
sent out
Sept. 30/04
7.30 am.

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:

Eight Mile River, Lyme, 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. CT-979

STEPHEN A. JOHNSTON
Chief, Survey Section

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

JOHNSTON
PROOFREAD



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)

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

DATE: **SEP 29 2004**

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: Eight Mile River, Lyme, CT Dwg. No. CT-979, Sheets 1-6 of 6, Dated 28 September 2004	MINIMUM DEPTHS IN CHANNEL ENTERING FROM SEAWARD
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NAME OF CHANNEL	DATE OF SURVEY	AUTHORIZED PROJECT			DEPTH AVAILABLE
		WIDTH (feet)	LENGTH Nautical (miles)	MLLW DEPTH (feet)	
<u>CONDITION SURVEY</u> <u>8-Foot Channel</u>					
From 15' seaward of Buoy GC-1 upstream about 2,056'	6/02	75	.34	8.0	(1) 8.0
Thence upstream about 1,333'	6/02				See Note 2
Thence upstream about 1,749' (about 100' seaward of Buoy GC-9)	6/02	75	.29	8.0	(3) 5.3
Thence upstream about 777'	6/02	75	.13	8.0	(4) 5.0
Thence upstream about 297'	6/02	75 to 90 to 75	.05	8.0	(5) 7.1
Thence upstream about 1,230'	6/02	75	.20	8.0	(6) 5.0
Thence upstream about 658' to the Turning Basin (about 115' seaward of GR-Bn-29)	6/02	75	.11	8.0	(7) 4.2
<u>8-Foot Turning Basin</u>	6/02	75 to 135 to 50 x 300	0.84 acre	8.0	(8) 4.0

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 6.7' within 10' along south channel limit, and except for shoaling to 4.4' within 10' along north channel limit.
- (2). This area is naturally deep, and has never been dredged.
- (3). Except for shoaling to 3.8' within 10' along north channel limit, except for shoaling to 4.9' within 10' along south channel limit, except for shoaling to 4.2' within 20' from north channel limit in the vicinity of GR-Bn-11, and except for shoaling to 0.4' within 10' along south channel limit about 75' seaward of Buoy GC-21.
- (4). Except for shoaling to 3.5' within 10' along north channel limit, and except for shoaling to 0.9' within 10' along south channel limit.
- (5). Except for shoaling to 5.6' within 10' along south channel limit.
- (6). Except for shoaling to 3.9' within 10' along north channel limit, and except for shoaling to 2.6' within 10' along south channel limit from about 25' seaward to 75' upstream of GR-Bn-25.
- (7). Except for shoaling to 2.8' within 10' along north channel limit from about 60' seaward to 130' upstream of GR-Bn-29, and except for shoaling to 0.0' within 25' along south channel limit from 60' to 250' upstream of GR-Bn-31.
- (8). Except for shoaling to 1.1' within 50' along west and northwest turning basin limit.
- (9). Encroachment of Floats and Docks along east limit at the vicinity of Cove Landing Marine, Inc., and Travel Lift areas during time of survey.