

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

DATE: **May 11, 2010**

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 Below Hartford, CT**
Dwg. No. **CRB-995, Sheet 1 of 1, Dated 11 May 2010**

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) | | | |
| <p><u>CONDITION SURVEY</u></p> <p><u>Saybrook Outer Bar</u> <u>15-Foot Channel</u></p> <p>From about the Saybrook Breakwater Lighthouse upstream 3,500' (about 380' upstream from Buoy FI G-5)</p> | 3/10 | 300 | .58 | 15.0 | (1) 7.4 | 9.0 | (2) 9.3 |

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 6.7' within 10' of limit.
- (2). Except for shoaling to 8.7' within 15' of limit.

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

PAGE 1 OF 1 PAGE

DATE: **May 11, 2010**

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 Below Hartford, CT
Dwg. No. CRB-996, Sheets 1-2 of 2, Dated 11 May 2010

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>Saybrook Shoal 15-Foot Channel</u> | | | | | | | |
| From about the upstream end of Saybrook Point upstream 650' (about 580' seaward of Buoy FI R-14) | 3/10 | 300 | .11 | 15.0 | 15.0 | 15.0 | 15.0 |
| Thence upstream 2,140' to Buoy GC-17 | 3/10 | 300 | .35 | 15.0 | 10.4 | 10.4 | 11.3 |
| Thence upstream 2,380' (about 540' upstream of Buoy FI G-19) | 3/10 | 300 | .41 | 15.0 | 11.1 | 11.5 | 12.2 |

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:

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

DATE: **March 19, 2010**

T0:

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

RIVER/HARBOR NAME AND STATE: **Connecticut River Below Hartford, CT**
Dwg. No. **CRB-991, Sheet 1 of 1, Dated 19 March 2010**

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) | | | |
| <p><u>CONDITION SURVEY</u></p> <p><u>Railroad Reach</u> <u>15-Foot Channel</u></p> <p>From upstream end of Saybrook Shoal approximately N 41-17-57.6, W 72-20-59.1 upstream 3,180'</p> | 9/09 | 300 | .52 | 15.0 | 12.2 | 11.7 | 11.2 |

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:

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

DATE: **March 19, 2010**

T0:

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

RIVER/HARBOR NAME AND STATE: **Connecticut River Below Hartford, CT**
Dwg. No. **CRB-992, Sheets 1-2 of 2, Dated 19 March 2010**

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>Calves Island Bar 15-Foot Channel</u> | | | | | | | |
| From about 340' upstream of Raymond E Baldwin Bridge upstream 3,110' (opposite upstream end of Calves Island) | 9/09 | 200 to 150 | .51 | 15.0 | 15.0 | 15.0 | 14.9 |
| Thence upstream about 3,080' (about 1250' upstream of Buoy FI G-23) | 9/09 | 150 | .51 | 15.0 | (1) 11.0 | 11.2 | 11.8 |

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 10.8' within 5' of limit.

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

DATE: **March 19, 2010**

| | |
|-----|--|
| 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 Below Hartford, CT Dwg. No. CRB-989, Sheets 1-2 of 2, Dated 19 March 2010 | 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>Essex Shoal</u> | | | | | | | |
| <u>15-Foot Channel</u> | | | | | | | |
| From about 580' upstream of Essex Reef Light upstream 3,835' | 7/07 | 150 | .63 | 15.0 | 11.1 | 10.3 | 9.8 |
| <u>10-Foot Channel</u> | | | | | | | |
| From about 460' upstream of Buoy YC-A upstream 850' | 7/07 | 100 | .14 | 10.0 | 10.0 | 10.0 | 10.0 |
| Thence upstream 2,400' | 7/07 | 100 | .39 | 10.0 | 5.5 | 6.3 | 8.5 |
| Thence upstream 1,800' | 7/07 | 100 | .30 | 10.0 | 10.0 | 10.0 | 10.0 |
| <u>10-Foot Anchorage</u> | 7/07 | | 13.1 acres | 10.0 | | 8.1 | |
| <u>8-Foot Anchorage</u> | 7/07 | | 19.8 acres | 8.0 | | 8.0 | |

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:

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

PAGE 1 OF 1 PAGE

DATE: **March 19, 2010**

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 Below Hartford, CT
Dwg. No. CRB-993, Sheet 1 of 1, Dated 19 March 2010

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) | | | |
| <p><u>CONDITION SURVEY</u></p> <p><u>Brockway Bar</u> <u>15-Foot Channel</u></p> <p>From Buoy RN-30 upstream 2,150' (about 120' seaward of Buoy GC-33)</p> | 9/09 | 150 | .35 | 15.0 | 9.8 | 10.2 | 11.3 |

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:

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

DATE: **May 11, 2010**

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 Below Hartford, CT
Dwg. No. CRB-997, Sheets 1-2 of 2, Dated 11 May 2010

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>Potash Bar 15-Foot Channel</u> | | | | | | | |
| From about 850' upstream of Eustasia Island upstream 2,350' to upstream end of Selden Neck | 3/10 | 150 | .39 | 15.0 | 15.0 | 15.0 | (1) 15.0 |
| Thence upstream 2,690' (about 415' upstream from Buoy GC-39) | 3/10 | 150 | .44 | 15.0 | 10.7 | 9.9 | 9.8 |

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.

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

DATE: **July 12, 2011**

T0:

FROM:

RIVER/HARBOR NAME AND STATE: Connecticut River Below Hartford, Eddy Rock Shoal, CT; Dwg. No. CRB-998, Sheet 1 of 1, Dated 12 July 2011

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) | | | |
| <p><u>CONDITION SURVEY</u></p> <p><u>Eddy Rock Shoal</u> <u>15-Foot Channel</u></p> <p>From about Eddy Rock Light (Buoy FI G-45) upstream 3715'</p> | 6/10 | 200 to 150 | .61 | 15.0 | (1) 7.0 | (2) 5.7 | (3) 5.5 |

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). Shoaling isolated to an area 800' to 1,000' upstream of Clark Creek; 14.0' found elsewhere.
- (2). Shoaling isolated to an area 800' to 1,000' upstream of Clark Creek; 12.8' found elsewhere.
- (3). Shoaling isolated to an area 800' to 1,000' upstream of Clark Creek; 12.1' found elsewhere.

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

DATE: **July 12, 2011**

| | |
|-----|-------|
| TO: | FROM: |
|-----|-------|

| | |
|---|---|
| RIVER/HARBOR NAME AND STATE: Connecticut River Below Hartford, Salmon River Bar, CT; Dwg. No. CRB-999, Sheet 1 of 1, Dated 12 July 2011 | 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) | |
| <p><u>CONDITION SURVEY</u></p> <p><u>Salmon River Bar</u> <u>15-Foot Channel</u></p> <p>From about 350' seaward of Buoy FI R-48 (pipe tower) upstream 820'</p> | 6/10 | 70 | .13 | 15.0 | (1) 12.4 |

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). 15' foot natural depth contour can be found eastward of Salmon River Bar Channel.

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

DATE: **July 12, 2011**

T0:

FROM:

RIVER/HARBOR NAME AND STATE: Connecticut River Below Hartford, Warners Quarry Bar, CT; Dwg. No. CRB-1000, Sheet 1 of 1, Dated 12 July 2011

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) | | | |
| <p><u>CONDITION SURVEY</u></p> <p><u>Warners Quarry Bar</u> <u>15-Foot Channel</u></p> <p>From about 375' seaward of Brewer Meadow Brook Upstream 3,000'</p> | 6/10 | 200 to 150 | .49 | 15.0 | 13.7 | 11.6 | (1) 10.2 |

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 9.9' within 15' of limit.

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

DATE: **November 8, 2011**

T0:

FROM:

RIVER/HARBOR NAME AND STATE: Connecticut River Below Hartford, Haddam Is. Bar, CT; Dwg. No. CRB-1001, Sheet 1 of 1, Dated 8 November 2011

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) | | | |
| <p><u>CONDITION SURVEY</u></p> <p><u>Haddam Is. Bar</u> <u>15-Foot Channel</u></p> <p>From about 240' seaward of Buoy GC-55 upstream 2210'</p> | 7/10 | 150 | .36 | 15.0 | (1) 13.7 | 15.0 | (2) 12.1 |

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:

- (1). Isolated shoaling to 13.7' located in upstream section extending about 50' beyond channel limits; 14.5 found in remainder of reach.
- (2). Isolated shoaling located in downstream section extending 50' seaward of channel limits; 15.0' found in remainder of reach

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

DATE: **November 8, 2011**

T0:

FROM:

RIVER/HARBOR NAME AND STATE: Connecticut River Below Hartford, Rock Landing Bar, CT; Dwg. No. CRB-1002, Sheet 1 of 1, Dated 8 November 2011

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) | | | |
| <p><u>CONDITION SURVEY</u></p> <p><u>Rock Landing Bar</u> <u>15-Foot Channel</u></p> <p>From about lighted Beacon FI R-58 upstream 3,510'</p> | 7/10 | 150 | .58 | 15.0 | 8.8 | 9.8 | 10.1 |

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:

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

DATE: **November 8, 2011**

T0:

FROM:

RIVER/HARBOR NAME AND STATE: Connecticut River Below Hartford, Higganum Creek Shoal, CT; Dwg. No. CRB-1004, Sheet 1 of 1, Dated 8 November 2011

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) | | | |
| <p><u>CONDITION SURVEY</u></p> <p><u>Higganum Creek Shoal</u> <u>15-Foot Channel</u></p> <p>From about 40' seaward of Lighted Beacon FI G-61 upstream 2,025'</p> | 7/10 | 150 | .33 | 15.0 | 10.2 | 9.2 | 9.4 |

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:

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

DATE: **November 8, 2011**

T0:

FROM:

RIVER/HARBOR NAME AND STATE: Connecticut River Below Hartford, Scovill Rock Bar, CT; Dwg. No. CRB-1005, Sheet 1 of 1, Dated 8 November 2011

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) | | | |
| <p><u>CONDITION SURVEY</u></p> <p><u>Scovill Rock Bar</u> <u>15-Foot Channel</u></p> <p>From about 170' seaward of upstream overhead power cables upstream 2,135'</p> | 7/10 | 150 | .35 | 15.0 | (1), (2) 10.2 | (2) 10.7 | (2) 11.7 |

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 isolated shoaling to 9.9' along limit located about 50' seaward of upstream limit of channel.
- (2). Shoaling extends beyond limits 500' further upstream to Front Range Light (Fl G-67).

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

DATE: **November 8, 2011**

T0:

FROM:

RIVER/HARBOR NAME AND STATE: CT River Below Hartford, Sears Shoal and Sears Shoal Upper Bar, CT; Dwg. No. CRB-1006, Sheets 1-3 of 3, Dated 8 Nov. 2011

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) | | | |
| <p><u>CONDITION SURVEY</u></p> <p><u>Sears Shoal</u> <u>15-Foot Channel</u></p> <p>From about 255' upstream of Front Range Light (FI G-67) Upstream 4,150'</p> | 7/10 | 150 | .68 | 15.0 | (1) 4.8 | 8.6 | 8.1 |
| <p><u>Sears Shoal Upper Bar</u> <u>15-Foot Channel</u></p> <p>Thence upstream about 1,430' to Light (FI R-70)</p> | 7/10 | 150 | .24 | 15.0 | 12.7 | 13.0 | 12.9 |
| <p>Thence upstream 2,450' to upstream end of reach at Maromas Pier</p> | 7/10 | 150 | .40 | 15.0 | 15.0 | 15.0 | 15.0 |

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). Shoaling within 50' of entrance to Sears Shoal reach; 8.5' available elsewhere in remainder of Sears Shoal reach.

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

DATE: **December 12, 2011**

T0:

FROM:

RIVER/HARBOR NAME AND STATE: Ct. River Below Hartford, Cobalt Shoal & Paper Rock Shoal, CT; Dwg. No CRB-1007, Sheets 1-3 of 3, Dated 12 December 2011

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) | | | |
| <p><u>CONDITION SURVEY</u></p> <p><u>Cobalt Shoal</u> <u>15-Foot Channel</u></p> <p>From about 15' upstream of Buoy FI R-72 upstream 1920' to Paper Rock Shoal</p> | 8/10 | 150 | .32 | 15.0 | 15.0 | 15.0 | (1) 9.3 |
| <p><u>Paper Rock Shoal</u> <u>15-Foot Channel</u></p> <p>Thence upstream 7910' to upstream limit of Paper Rock Shoal (about 3,057' upstream of Light FI R-76)</p> | 8/10 | 150 | 1.30 | 15.0 | 11.9 | 11.8 | 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:

(1). Except shoaling to 5.7' within 10' of limit.

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

DATE: **December 12, 2011**

T0:

FROM:

RIVER/HARBOR NAME AND STATE: Connecticut River Below Hartford, Bodkin Rock Shoal, CT; Dwg. No. CRB-1008, Sheet 1 of 1, Dated 12 December 2011

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) | | | |
| <p><u>CONDITION SURVEY</u></p> <p><u>Bodkin Rock Shoal</u> <u>15-Foot Channel</u></p> <p>Most western dredging limit from about opposite Bodkin Rock Light (FI R-80) upstream 1050'</p> | 8/10 | N/A | .17 | 15.0 | N | a | turally deep area (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:

(1). 15' foot deep water contour +/- 150' east of most western limit; shoaling to 8.7 within first 450' from the start of reach otherwise 15.0' found remainder of reach.

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

DATE: **December 12, 2011**

T0:

FROM:

RIVER/HARBOR NAME AND STATE: Connecticut River Below Hartford, Mouse Is. Bar, CT; Dwg. No. CRB-1009, Sheets 1-2 of 2, Dated 12 December 2011

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) | | | |
| <p><u>CONDITION SURVEY</u></p> <p><u>Mouse Island Bar</u> <u>15-Foot Channel</u></p> <p>From about 2,530' seaward of Mouse Island Light, FI R-87 upstream 4,986'</p> | 8/10 | 150 | .82 | 15.0 | 15.0 | (1) 12.7 | (2) 11.4 |

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). 14.6' available left of center.
- (2). Shoaling to 10.9' within 15' of limit.

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

DATE: **December 12, 2011**

T0:

FROM:

RIVER/HARBOR NAME AND STATE: Connecticut River Below Hartford, Portland Bar, CT; Dwg. No. CRB-1010, Sheet 1 of 1, Dated 12, December 2011

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) | | | |
| <p><u>CONDITION SURVEY</u></p> <p><u>Portland Bar</u> <u>15-Foot Channel</u></p> <p>From about 300' upstream from Light (Fl R-94) upstream 2,000'</p> | 8/10 | 150 | .33 | 15.0 | 12.6 | 12.4 | 13.1 |

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:

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

PAGE 1 OF 1 PAGE(S)

DATE: **December 14, 2011**

T0:

FROM:

RIVER/HARBOR NAME AND STATE: Connecticut River Below Hartford, Cromwell Bar, CT; Dwg. No. CRB-1011, Sheets 1 of 1, Dated 14 December 2011

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) | | | |
| <p><u>CONDITION SURVEY</u></p> <p><u>Cromwell. Bar</u> <u>15-Foot Channel</u></p> <p>From about 2,370' seaward of Buoy RN-96 upstream 2,948'</p> | 8/10 | 150 | .49 | 15.0 | (1) 14.1 | 13.1 | 12.3 |

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 shoaling to 13.7' within 10' of limit; shoaling is located within about the first 800' of reach, 14.9' available in remainder of reach.

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

DATE: **December 16, 2011**

T0:

FROM:

RIVER/HARBOR NAME AND STATE: Connecticut River Below Hartford, Gildersleeve Island Shoal, Pistol Point, and Brownstone Bar, CT
Dwg. No. CRB-1012, Sheets 1-6 of 6, Dated 16 December 2011

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) | | | |
| <p><u>CONDITION SURVEY</u></p> <p><u>Gildersleeve Is. Shoal</u> <u>15-Foot Channel</u></p> <p>From about 40' upstream from Light (Fl R-98) upstream 5170' to Pistol Point Bar</p> | 8/10 | 150 | .85 | 15.0 | (1) 12.2 | 13.8 | (2) 11.7 |
| <p><u>Pistol Point Bar</u> <u>15-Foot Channel</u></p> <p>Thence upstream about 6,130' to Brownstone Bar (about 360' seaward of light FL G-105)</p> | 8/10 | 150 | 1.0 | 15.0 | (3) 7.6 | 7.4 | 8.7 |
| <p><u>Brownstone Bar</u> <u>15-Foot Channel</u></p> <p>Thence upstream about 5,830' to upstream end of the limit</p> | 8/10 | 150 | .96 | 15.0 | (4) 14.0 | (5) 12.4 | (6) 11.5 |

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 shoaling to 11.7' within about 15' of limit.
- (2). Except shoaling to 8.5' within about 5' of limit.
- (3). Except shoaling to 7.4' within about 10' of limit.
- (4). Except shoaling to 12.8' for soundings extending about 450' upstream beyond the upstream limits of channel.
- (5). Except shoaling to 11.5' for soundings extending about 450' upstream beyond the upstream limits of channel.
- (6). Except shoaling to 10.7' for soundings extending about 450' upstream beyond the upstream limits of channel.

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

DATE: **December 14, 2011**

T0:

FROM:

RIVER/HARBOR NAME AND STATE: Connecticut River Below Hartford, Dividend Bar CT; Dwg. No. CRB-1013, Sheets 1-2 of 2, Dated 14 December 2011

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) | | | |
| <p><u>CONDITION SURVEY</u></p> <p><u>Dividend Bar</u> <u>15-Foot Channel</u></p> <p>From about 560' upstream from Front Range Light (FI R-110) upstream 5,260'</p> | 8/10 | 150 | .87 | 15.0 | 8.9 | 9.1 | 9.4 |

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:

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

DATE: **December 16, 2011**

T0:

FROM:

RIVER/HARBOR NAME AND STATE: Connecticut River Below Hartford, Glastonbury
Two Piers Bar and Glastonbury Upper Bar, CT
Dwg. No. CRB-1014, Sheets 1-4 of 4, Dated 16 December 2011

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>Glastonbury Two Piers Bar 15-Foot Channel</u> | | | | | | | |
| From about 610' seaward of Buoy GC-115 upstream 6,575' | 9/10 | 150 | 1.08 | 15.0 | 12.0 | 12.7 | 13.7 |
| <u>Glastonbury Upper Bar 15-Foot Channel</u> | | | | | | | |
| Thence upstream 5,565' to upstream limit of Glastonbury Upper Bar (about 1,050' upstream of Buoy GC-123) | 9/10 | 150 | .92 | 15.0 | 13.5 | 13.5 | 13.7 |

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:

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

DATE: **December 16, 2011**

T0:

FROM:

RIVER/HARBOR NAME AND STATE: Connecticut River Below Hartford, Press Barn Bar, CT; Dwg. No. CRB-1015, Sheet 1 of 1, Dated 16 December 2011

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) | | | |
| <p><u>CONDITION SURVEY</u></p> <p><u>Press Barn Bar</u> <u>15-Foot Channel</u></p> <p>From about 170' seaward of Buoy RN-126 upstream 3,500'</p> | 9/10 | 150 | .58 | 15.0 | (1) 13.6 | 13.8 | (2) 14.8 |

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 15' of limit.
- (2). Except shoaling to 14.6' within about 5' of limit.

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

DATE: **December 16, 2011**

T0:

FROM:

RIVER/HARBOR NAME AND STATE: Connecticut River Below Hartford, Naubuc Bar, CT; Dwg. No. CRB-1016, Sheet 1 of 1, Dated 16 December 2011

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) | | | |
| <p><u>CONDITION SURVEY</u></p> <p><u>Naubuc Bar</u> <u>15-Foot Channel</u></p> <p>From about 670' seaward of Keeney Cove Inlet upstream about 3,325 to about Light (FI G-129)</p> | 9/10 | 150 | .54 | 15.0 | 13.8 | (1) 8.3 | (2) 8.8 |

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). Shoaling located within the first 75' of reach, otherwise 13.6' can be found elsewhere in remainder of reach.
- (2). Except for shoaling to 6.4' within about 5' of limit; shoaling located within the first 75' of reach; otherwise 13.7' can be found elsewhere in remainder of reach.

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

PAGE 1 OF 1 PAGE(S)

DATE: **December 16, 2011**

| | |
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| TO: | FROM: |
|-----|-------|

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|--|---|
| RIVER/HARBOR NAME AND STATE: Connecticut River Below Hartford, CYS Hollow Bar, CT; Dwg. No. CRB-1017, Sheet 1 of 1, Dated 16 December 2011 | 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) | | | |
| <p><u>CONDITION SURVEY</u></p> <p><u>CYS Hollow Bar 15-Foot Channel</u></p> <p>From about 1,280' seaward of WM H Putman Memorial Bridge upstream 2,200'</p> | 9/10 | 150 | .36 | 15.0 | 15.0 | 14.7 | 13.9 ⁽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:

(1). Except for shoaling to 13.4' within about 10' of limit.

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

DATE: **December 16, 2011**

T0:

FROM:

RIVER/HARBOR NAME AND STATE: Connecticut River Below Hartford, Wethersfield Shoal, Claybanks Bar, Claybanks Upper Bar and Hartford Bar, CT
Dwg. No. CRB-1018, Sheets 1-5 of 5, Dated 16 December 2011

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>Wethersfield Shoal 15-Foot Channel</u> | | | | | | | |
| From about 200' upstream of Light (FI G-135) opposite Wethersfield Cove upstream 2,780' to Claybanks Bar (opposite Light FI R-138) | 9/10 | 150 | .46 | 15.0 | 11.6 | 11.7 | 13.0 |
| <u>Claybanks Bar 15-Foot Channel</u> | | | | | | | |
| Thence upstream 4,900' to Claybanks Upper Bar | 9/10 | 150 | .81 | 15.0 | 10.2 | 10.5 | 11.3 |
| <u>Claybanks Upper Bar 15-Foot Channel</u> | | | | | | | |
| Thence upstream 2,750' to Hartford Bar | 9/10 | 150 | .45 | 15.0 | 9.9 | 11.2 | 12.4 |
| <u>Hartford Bar 15-Foot Channel</u> | | | | | | | |
| Thence upstream 5,150' To upstream limit of federal navigation project | 9/10 | 150 | .85 | 15.0 | 10.1 | 8.4 | 8.6 |

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:

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

DATE: **June 3, 2009**

TO:

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

RIVER/HARBOR NAME AND STATE: North Cove, Old Saybrook, CT
Dwg. No. CT-988, Sheets 1-2 of 2, Dated 3 June 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>AFTER DREDGE SURVEY</u> | | | | | | | |
| <u>11-Foot Channel</u> <u>(Maintained to 8-Feet)</u> | | | | | (1) | | (2) |
| From about 40' seaward of Buoy GC-15 upstream about 2,244' to 11-Foot Anchorage | 05/09 | 100 | .40 | 8.0 | 6.8 | 8.0 | 8.0 |
| <u>11-Foot Anchorage</u> <u>(Maintained to 6-Feet)</u> | | | | | | (3) | |
| Thence upstream 950' to 6-Foot Anchorage | 05/09 | | 12.3 acres | 6.0 | | 5.7 | |
| <u>6-Foot Anchorage</u> | | | | | | (4) | |
| Thence upstream 1,270' to upstream end of Federal Navigation Project | 05/09 | | 17 acres | 6.0 | | 5.6 | |

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' of south limit.
- (2). Except for shoaling to 7.6' within 5' along north limit.
- (3). Except for shoaling to 5.2' within 5' along north limit and shoaling to 4.3' within 10' along south limit.
- (4). Except for shoaling to 5.4' within 5' along north limit and shoaling to 5.0' within 10' along south limit.

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

DATE: March 24, 2011

| | |
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| TO: | FROM: |
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| | |
|---|---|
| RIVER/HARBOR NAME AND STATE: Conn. River Below Hartford, Eight Mile River, Lyme, CT; Dwg. No. CRB-994, Sheets 1-6 of 6, Dated 24 March 2011 | 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>8-Foot Channel</u> | | | | | |
| From about 15' seaward of Buoy GC-1 upstream 2,055' to naturally deep area | 7/09 | 75 | .34 | 8.0 | (1) 7.2 |
| Thence upstream about 1,330' through naturally deep area (about 75' seaward of Buoy GC-9) | 7/09 | n/a | .22 | 8.0 | area is naturally deep (never been dredged) no designated exterior limits assigned |
| Thence upstream about 4,155' to Buoy GC-29 | 7/09 | 75 to 90 to 75 | .68 | 8.0 | (2) 4.9 |
| Thence upstream about 560' to Turning Basin | 7/09 | 75 | .09 | 8.0 | (3) 4.0 |
| <u>8-Foot Turning Basin</u> | 7/09 | 75 to 135 | .84 acre | 8.0 | (4) 3.5 |

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 5.7' within 10' of south limit, and shoaling to 6.3' within 5' of north limit.
 - (2). Except for shoaling to 4.0' within 10' of west limit.
 - (3). Except for shoaling to 2.6' within 15' of northwest limit and shoaling to 2.8' within 15' of southeast limit.
 - (4). Except for shoaling to 1.2' within 50' along west and northwest limits and locations of floats and docks within and along east and west limits at the vicinity of Cove Landing Marine, Inc., and travel lift areas; survey coverage is limited due to the activity and obstacles within this area.

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

PAGE 1 OF 1 PAGE(S)

DATE: **May 21, 2012**

| | |
|-----|-------|
| TO: | FROM: |
|-----|-------|

| | |
|--|--|
| RIVER/HARBOR NAME AND STATE: Conn. River Below Hartford, Wethersfield Cove Wethersfield, CT; Dwg. No. CRB-1019, Sheet 1 of 1, Dated 21 May 2012 | 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) | |
| <p><u>CONDITION SURVEY</u></p> <p><u>6-Foot Channel</u></p> <p>From about 40' seaward of Day Beacon G-1 upstream 1860' to anchorage</p> | 7/11 | 60 to 100 | .31 | 6.0 | (1) +1.4 |
| <p><u>6-Foot Anchorage</u></p> | 10/09 | 1300 x 1050 | 20.2 acres | 6.0 | (2) 6.0 |

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). Shoaling located within 40' radius of Day Beacon G-1; except for isolated shoaling to 1.7' about 40' seaward of entrance to 6-foot Channel; 2.2' available elsewhere.
- (2). Isolated shoaling to 5.4' located within 50' of north anchorage limit in the vicinity of upstream end of west channel limit and shoaling to 5.8' within 10' of west limit.