

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

July 11, 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:

Kennebec River, ME

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. 2636

DISTRIBUTION:

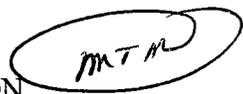
GENERAL

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,

JOHNSTON  
PROOFREAD



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

## MAINE

U.S. Army Corps of Engineers, LeeAnn B. Neal Maine Project Office, 675 Western Ave. # 3  
Manchester, ME 04351

Kevin Rousseau - Federal Consistency/Dredging Coordination – State Planning Office –  
16 State House Station 38 - Augusta. ME 04333-0016

## KENNEBEC RIVER

Bath Iron Works, Chief of Drafting Section Mail Stop 2080 - 700 Washington Street, Bath, ME  
04530-2574 - 1 copy of drawing

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

DATE: JULY 10, 2007

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

RIVER/HARBOR NAME AND STATE: **Kennebec River, Gardiner to Augusta, ME**  
Dwg. No. 2636, Sheets 1-15 of 15, Dated 10 July 2007

| 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) |
| <b><u>CONDITION SURVEY</u></b>                              |                |                    |                         |                   |   |                    |                              |
| <b><u>16-Foot Channel</u></b>                               |                |                    |                         |                   |   |                    |                              |
| From about 310' seaward of Buoy GC-45 upstream 280'         | 05/06          | 150                | .05                     | 16.0              |   | (1)                |                              |
| Thence upstream 5,302' to about 100' seaward of Buoy GC-47A | 05/06          | 150                | .87                     | 16.0              | 11.1 <sup>(2)</sup>                             | 11.5               | 11.6                         |
| <b><u>11-Foot Channel</u></b>                               |                |                    |                         |                   |   |                    |                              |
| Thence upstream 5,084' to about 120' seaward of Buoy GC-47B | 05/06          | 125                | .84                     | 11.0              | 11.0 <sup>(3)</sup>                             | 11.0               | 11.0                         |
| Thence upstream 5,868' to about 495' seaward of Buoy GC-51  | 05/06          | 125                | .97                     | 11.0              | 9.1   | 8.6                | 8.7 <sup>(4)</sup>           |
| Thence upstream 1,099' to about 600' upstream of Buoy GC-51 | 05/06          | 125 to 230 to 125  | .18                     | 11.0              | 7.7   | 8.8                | 8.3                          |
| Thence upstream 4,890'                                      | 05/06          | 125 to 170 to 125  | .80                     | 11.0              | 6.8   | 6.9                | 5.9                          |
| Thence upstream 6,030' to Buoy RN-68A                       | 05/06          | 125                | .99                     | 11.0              | 7.9   | 6.7                | 5.0 <sup>(5)</sup>           |

**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). Sounding data is not available.
- (2). Except for shoaling to 10.8' within 10' along west channel limit from about 300' to about 350' seaward of Buoy GC-47.
- (3). Except for shoaling to 10.5' within 10' of west channel limit about 115' upstream of Buoy GC-47A.
- (4). Except for shoaling to 6.9' within 10' along east channel limit from about 250' to about 300' seaward of Buoy RN-48A; except for shoaling to 7.1' within 10' along east channel from about 1,050' to about 1,300' seaward of Buoy GC-51.
- (5). Except for shoaling to 3.8' within 10' along east channel limit from 0' to about 450' seaward of Buoy GC-63; except for shoaling to 4.5' within 10' along east channel limit from about 250' to about 750' upstream of Buoy GC-63.

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

DATE: JULY 10, 2007

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

**RIVER/HARBOR NAME AND STATE: Kennebec River, Gardiner to Augusta, ME**  
Dwg. No. 2636, Sheets 1-15 of 15, Dated 10 July 2007

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) |                             |                    |                              |
| <b><u>11-Foot Channel</u></b>  |                |                    |                         |                   |                             |                    |                              |
| Thence upstream 2,530' to about 890' upstream of Buoy RN-70                      | 05/06          | 125 to 160 to 125  | .42                     | 11.0              | 8.9                         | 7.8                | (6)<br>8.3                   |
| Thence upstream 2,418' to Buoy GC-75   | 05/06          | 125                | .40                     | 11.0              | 6.4                         | 3.9                | 0.9                          |
| Thence upstream 5,809' to about 160' upstream of State Route 201 Bridge          | 05/06          | 125                | .96                     | 11.0              | 8.8                         | 7.4                | 6.2                          |
| Thence upstream 1,514' to upstream end of Limit of Federal Navigation at Augusta | 05/06          | 125 to 185 to 125  | .25                     | 11.0              | 9.5                         | 8.4                | (7)<br>7.0                   |

**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:**

- (6). Except for shoaling to 4.5' within 10' along east channel limit located about 250' seaward of Buoy RN-68B.
- (7). Except for shoaling to 5.5' within 10' along east channel limit from about 0' to about 75' seaward of upstream end of Limit of Federal Navigation.

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

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12. copy, m*

April 20, 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:

Kennebec River – Bath and Phippsburg, ME

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*  
STEPHEN A. JOHNSTON  
Chief, Survey Section

2 Enclosures:  
1. ENG Form 4020-R  
2. Dwg. No. 2641

*fa*

JOHNSTON  
PROOFREAD

*MTM*

DISTRIBUTION:

GENERAL

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Kevin Rousseau - Federal Consistency/Dredging Coordination – State Planning Office –  
16 State House Station 38 - Augusta. ME 04333-0016

## KENNEBEC RIVER

Bath Iron Works, Chief of Drafting Section Mail Stop 2080 - 700 Washington Street, Bath, ME  
04530-2574 - 1 copy of drawing

**REPORT OF CHANNEL CONDITIONS  
400 FEET WIDE OR GREATER  
(ER 1130-2-316)**

PAGE 1 OF 1 PAGES

DATE: April 20, 2007

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

**RIVER/HARBOR NAME AND STATE: Kennebec River, ME. Vicinity of Popham Beach and Doubling Point, Dwg. No. 2641, Sheets 1-2 of 2, Dated 20 April 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) |                              |
| <b><u>CONDITION SURVEY</u></b>   |                |                    |                         |                   |                             |                            |                             |                              |
| <b><u>POPHAM BEACH<br/>27-Foot Channel</u></b>   |                |                    |                         |                   |                             |                            |                             |                              |
| From about 2,680' seaward of Buoy GC-5 upstream about 3,575' (Opposite northern tip of North Sugarloaf Island) | 6-7/06         | 500                | .59                     | 27.0              | (1)<br>27.0                 | 26.8                       | 26.5                        | 26.4                         |
| Thence upstream 1,317'   | 6-7/06         | 500 to 645 to 500  | .22                     | 27.0              | 27.0                        | 27.0                       | 27.0                        | (2)<br>23.2                  |
| <b><u>DOUBLING POINT<br/>27-Foot Channel</u></b>   |                |                    |                         |                   |                             |                            |                             |                              |
| From about 692' seaward of Buoy GC-29 upstream about 5,197' to Buoy GC-33                                      | 11/06          | 600 to 500         | .85                     | 27.0              | 23.7                        | 22.3                       | 25.4                        | 25.3                         |

**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 26.7' within 10' along west channel limit from about 500' seaward to about 1,100' upstream of Buoy GC-5.
- (2). Shoaling is located from about 200' to about 500' upstream of Buoy RN-6; 27.0' available elsewhere.