

**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:

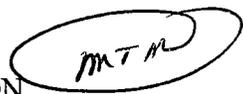
GENERAL

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)
<u>CONDITION SURVEY</u>							
<u>16-Foot Channel</u>							
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 ⁽²⁾	11.5	11.6
<u>11-Foot Channel</u>							
Thence upstream 5,084' to about 120' seaward of Buoy GC-47B	05/06	125	.84	11.0	11.0 ⁽³⁾	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 ⁽⁴⁾
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 ⁽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). 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
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New England District
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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)			
<u>11-Foot Channel</u>							
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) 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) 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.