

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

**Feb 02, 2010**

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:

Narraguagus River – Milbridge, ME

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

FOR THE COMMANDER:

*Maureen T Murray*  
STEPHEN A. JOHNSTON  
*for* Chief, Survey Section

2 Enclosures:

1. ENG Form 4020-R
2. Dwg. No. 2664

JOHNSTON  
PROOFREAD

*MTM*

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,

## 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

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

DATE: **February 02, 2010**

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: Narraguagus River, Milbridge, ME Dwg. No. 2664, Sheets 1-7 of 7, Dated 02 February 2010	MINIMUM DEPTHS IN CHANNEL ENTERING FROM SEAWARD
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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>AFTER DREDGE/CONDITION SURVEY</u></b>							
<b><u>11-FOOT CHANNEL</u></b>							
From about 5' upstream of Buoy GC-1 upstream 1,735'	6/09	150	.29	11.0	(1) 10.7	(2) 10.7	(3) 10.5
Thence upstream 1,795'	1/10	150 to 100	.30	11.0	11.0	11.0	11.0
<b><u>11-FT WEST ANCHORAGE</u></b>							
From about 30' seaward of Jordan Pier seaward about 1,325'	1/10		4.45 acres	11.0		(4) 11.0	
<b><u>9-FT EAST ANCHORAGE</u></b>							
From about 435' seaward of Jordan Pier seaward about 1,615'	12/06 & 1/10		3.95 acres	9.0		8.2	
<b><u>9-FT WEST ANCHORAGE</u></b>							
From about 370' seaward of Jordan Pier upstream about 1,890'	01/07		5.01 acres	9.0		(5) 8.9	

**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). Shoaling located from about 1,025' to about 1,150' upstream of Buoy GC-1; 11.0' available elsewhere.
- (2). Shoaling located from about 900' to about 1,200' upstream of Buoy GC-1; 11.0' available elsewhere.
- (3). Shoaling located from about 900' to about 1,350' upstream of Buoy GC-1; 11.0' available elsewhere.
- (4). First isolated shoal of 10.7' within 40' of west channel limit from 275' upstream of Buoy RN-2 and second isolated shoal of 10.9' within 40' of west channel limit from about 290' upstream of Buoy RN-2
- (5). Except for shoaling to 7.3' within 15' along west anchorage limit from about 240' seaward to about 800' upstream of Jordan Pier. Ledge Area located within 25' along west anchorage limit from about 60' to about 800' upstream of Jordan Pier.

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RIVER/HARBOR NAME AND STATE: Narraguagus River, Milbridge, ME Dwg. No. 2664, Sheets 1-7 of 7, Dated 02 February 2010	MINIMUM DEPTHS IN CHANNEL ENTERING FROM SEAWARD
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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>AFTER DREDGE/CONDITION SURVEY</u></b>							
<b><u>9-FOOT CHANNEL</u></b>							
From about 20' seaward of Jordan Pier upstream about 4,890' to Buoy GC-7	12/06 & 01/07	100	.80	9.0	(6) 8.9	(7) 8.8	9.0
Thence upstream about 5,304' (about 15' seaward of Buoy GC-13)	12/06	100	.87	9.0	(8) 8.6	(9) 9.0	(10) 8.6
<b><u>6-FOOT CHANNEL</u></b>							
Thence upstream about 3,027'	12/06 & 01/10	100	.50	6.0	(11) 5.5	(12) 5.8	(13) 6.0
<b><u>6-FOOT SOUTHWEST ANCHORAGE</u></b>							
From about 55' seaward of Buoy GC-13 upstream 590'	01/10		1.78 acres	6.0		6.0	
<b><u>6-FOOT EAST ANCHORAGE</u></b>							
From about 390' upstream of Buoy GC-15 upstream 685'	12/06		0.96 acre	6.0		(14) 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:**

- (6). Except for shoaling to 8.5' within 5' of west channel limit about 70' seaward of Buoy GC-7.
- (7). Isolated shoaling located about 640' seaward of Buoy GC-5; 8.9' available in remainder of reach.
- (8). Except for shoaling to 8.4' within 5' of west channel limit about 160' upstream of Buoy GC-9.
- (9). Except for shoaling to 8.3' from 15' to about 70' seaward of Buoy GC-13.
- (10). Except for shoaling to 8.1' within 5' of west channel limit from about 225' upstream of Buoy RN-8;  
Ledge area located at the vicinity of Buoy GC-13.
- (11). Except for isolated shoaling to 4.4' within 5' of west channel limit from about 140' seaward of Buoy GC-17.
- (12). Shoaling located from about 15' to about 70' upstream of Buoy GC-17; 6.0' available in remainder of reach.
- (13). Except for shoaling to 5.6' within 10' along east channel limit from about 300' to about 550' upstream of Buoy GC-13.
- (14). Except for shoaling to 5.0' within 10' along east anchorage limit.

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100 TO 400 FEET WIDE  
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TO: FROM: U.S. Army Corps of Engineers  
New England District  
696 Virginia Road  
Concord, MA. 01742-2751

RIVER/HARBOR NAME AND STATE: Narraguagus River, Milbridge, ME  
Dwg. No. 2639, Sheets 1-7 of 7, Dated 02 February 2010

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>AFTER DREDGE/CONDITION SURVEY</u></b>							
<b><u>6-FOOT NORTHWEST ANCHORAGE</u></b>						(15)	
From about 350' upstream of Buoy GC-15 upstream 770'	12/06		1.28 acres	6.0		5.1	
<b><u>6-FOOT TURNING BASIN</u></b>						(16)	
From about 490' upstream of Buoy GC-17 upstream 210' to the upstream end of Federal Navigation Project	12/06		0.57 acre	6.0		4.8	

**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:**

- (15). Except for shoaling to 4.5' within 10' along west anchorage limit.  
Ledge area located within 50' along west anchorage limit.
- (16). Except for shoaling to 2.2' within 15' radius of west corner of turning basin limit:  
Except for shoaling to +1.2' within 30' radius of east corner, adjacent to the boat ramp.  
Ledge area located within 50' along northwest and west turning basin limit.