

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

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

February 28, 2007

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:

2 Enclosures  
1. ENG Form 4020-R  
2. Dwg. No 2639

STEPHEN A. JOHNSTON  
Chief, Survey Section

DISTRIBUTION:

  
JOHNSTON  
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

**MAINE**

Mr. Robert D. Elder, Director, Office of Freight Transportation, Child Street, 16 State House  
Station, Augusta, ME 04333-0016 - 1 copy of drawing, 1 copy of form

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

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

US Coast Guard – Clark Point Road – P.O. Box 5000 - Southwest Harbor, ME 04679

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

PAGE 1 OF 3 PAGES

DATE: Feb. 28, 2007

**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 1-6 of 6, Dated 28 February 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>AFTER DREDGE SURVEY</u></b>							
<b><u>11-FOOT CHANNEL</u></b>							
From about 25' seaward of Buoy GC-1 upstream about 2,265'	4/04	150	.37	11.0	(1) 10.3	(2) 11.0	(3) 10.8
Thence upstream about 1,265'	4/04, 9/06 & 12/06	100	.21	11.0	10.8	10.5	10.7
<b><u>11-FT WEST ANCHORAGE</u></b>							
From about 25' seaward of Jordan Pier seaward about 1,325'	9/06		4.45 acres	11.0		(4) 3.0	
<b><u>9-FT EAST ANCHORAGE</u></b>							
From about 435' seaward of Jordan Pier seaward about 1,650'	12/06		2.57 acres	9.0		9.0	
<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) 8.8	

**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 9.7' within 10' of west channel limit in area adjacent to Turning Point; 11.0' available elsewhere.
- (2). Except for isolated shoal of 10.7' located approximately 500' seaward of Wymans Dock.
- (3). Except for isolated shoal of 10.6' located approximately 495' seaward of Wymans Dock.
- (4). Except for shoaling to 2.4' within 100' along west anchorage limit.
- (5). Except for shoaling to 7.3' within 15' along west anchorage limit from about 55' 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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Dwg. No. 2639, Sheets 1-6 of 6, Dated 28 February 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>AFTER DREDGE SURVEY</u></b>							
<b><u>9-FOOT CHANNEL</u></b>							
From about 20' seaward of Jordan Pier upstream about 4,891' 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	100	.50	6.0	(11) 5.5	(12) 5.8	6.0
<b><u>6-FOOT SOUTHWEST ANCHORAGE</u></b>							
From about 55' seaward of Buoy GC-13 upstream 590'	12/06		1.78 acre	6.0			
Eastern Half						6.0	
Western Half						(13) 1.0	

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**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 +1.2' within 25' along west anchorage limit.

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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>AFTER DREDGE SURVEY</u></b>							
<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	
<b><u>6-FOOT NORTHWEST ANCHORAGE</u></b>							
From about 350' upstream of Buoy GC-15 upstream 770'	12/06		1.28 acres	6.0		(15) 5.1	
<b><u>6-FOOT TURNING BASIN</u></b>							
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		(16) 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:**

- (14). Except for shoaling to 5.0' within 10' along east anchorage limit.
- (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.