

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

May 17, 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:

Point Judith Pond and Harbor of Refuge - Narragansett, RI

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

FOR THE COMMANDER:

  
for

STEPHEN A. JOHNSTON  
Chief, Survey Section

2 Enclosures:

1. ENG Form 4020-R (Revised May 17, 2007)
2. Dwg. No. P.J. 225



JOHNSTON  
PROOFREAD

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,

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

## RHODE ISLAND

Mr. Dan Goulet – Coastal Resources Management Council – Oliver H. Stedman Government  
Center – 4808 Tower Hill Road, Suite 3 Wakefield, RI 02879-1900 – 1 copy of drawing,  
1 copy of form

## BLOCK ISLAND & POINT JUDITH, RI

Chris Meyers  
Interstate Navigation  
P.O. Box 3333  
Narragansett, RI 02882  
Request Email: [cmyers@blockislandferry.com](mailto:cmyers@blockislandferry.com)

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

DATE: May 17, 2007

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

**RIVER/HARBOR NAME AND STATE:** Point Judith Pond and Harbor of Refuge,  
Narragansett, RI, Dwg. No. P.J. 225, Sheets 1-11 of 11, Dated 8 May 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>15-Foot Entrance Channel</u></b>							
From about 465' seaward of Buoy RN-2 upstream about 2,140' (about 55' seaward of Buoy RN-6)	04/07	150	.35	15.0	13.0	13.6	13.2
Thence upstream about 400' (about 55' seaward from Buoy RN-6)	04/07	150 to 208 to 150	.06	15.0	11.8	13.7	(1) 14.4
Thence upstream about 1,640' to confluence area	04/07	150	.27	15.0	(2) 13.6	(3) 15.0	15.0
<b><u>15-Foot Confluence Area</u></b>							
Thence about 400' seaward of Buoy RG-N upstream 470' to the West Branch Channel	04/07	150 to 250 to 150	.08	15.0	14.9	14.6	15.0
<b><u>15-Foot Channel West Branch</u></b>							
From about 510' seaward of Buoy RN-2 upstream about 455'	04/07	150	.08	15.0	(4) 13.1	(5) 13.2	14.9

**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). Except for shoaling to 14.1' within 10' along west channel limit from about 0' to about 55' seaward of Buoy RN-6.
- (2). Except for shoaling to 13.3' along west channel limit from about 500' to about 600' upstream of Buoy RN-6.
- (3). Except for shoaling to 14.2' from about 355' to about 500' upstream of Buoy RN-6.
- (4). Except for shoaling to 9.0' from about 55' to about 100' seaward of Buoy RN-2.
- (5). Except for shoaling to 11.0' from about 55' to about 100' seaward of Buoy RN-2.

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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>15-Foot Channel East Branch</u></b>							
From about 15' upstream of Buoy RG N upstream about 395'	04/07	225	.065	15.0	15.0	15.0	15.0
Thence upstream about 800' (approximately 435' seaward of Galilee State Pier)	04/07	225 to 572 to 207	.132	15.0	14.7	14.6	14.4
Thence upstream about 326' (approximately 230' seaward of Buoy GC-1)	04/07	207 to 163	.054	15.0	15.0	15.0	14.1
Thence upstream about 690' (approximately 765' seaward of Buoy CG-3)	04/07	150	.113	15.0	15.0 <sup>(6)</sup>	14.9	15.0
<b><u>CONDITION SURVEY</u></b>							
<b><u>10-Foot Anchorage</u></b>	03-04/06		2.63 acres	10.0		10.0 Available	

**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 13.7' along west channel limit from about 75' to about 200' seaward of Buoy GC-3; 15.0' available elsewhere.

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**RIVER/HARBOR NAME AND STATE:** Point Judith Pond and Harbor of Refuge,  
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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>CONDITION SURVEY</u></b>							
<b><u>6-Foot Channel</u></b>							
From about 60' seaward of Buoy RN-2 upstream about 756'	03-04/06	340 to 150	.124	6.0	4.1	2.8	2.3
Thence upstream about 200' (approximately 20' upstream of Buoy RN-6)	03-04/06	100	.033	6.0	6.0	3.4	2.4
Thence upstream 3,480' (approximately 180' upstream of Buoy GC-11)	03-04/06		.57			See Note 7	
Thence upstream 4,995' (approximately 100' upstream of Buoy RN-22)	03-04/06	100	.82	6.0	(8) 6.0	(9) 6.0	5.5
Thence upstream 4,710' (approximately 40' upstream of Buoy RN-26)	03-04/06		.77			See Note 7	
Thence upstream 572' (approximately 70' upstream of Buoy RN-28)	03-04/06	100	.09	6.0	6.0	6.0	6.0
Thence upstream 2,345' (approximately 780' seaward of Buoy RN-32)	03-04/06		.39			See Note 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:**

- (7). No controlling depths are issued for this area as it is considered naturally deep.
- (8). Except for shoaling to 5.5' from about 300' to about 650' seaward of Buoy GC-17.
- (9). Except for shoaling to 5.6' from about 300' to about 550' seaward of Buoy GC-17; except for shoaling to 5.8' from about 725' to about 850' upstream of Buoy GC-17.

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<b><u>CONDITION SURVEY</u></b>							
<b><u>6-Foot Channel</u></b>							
Thence upstream 1,770' (approximately 130' upstream of Buoy GC-33)	03-04/06	100	.29	6.0	5.4	6.0	(10) 6.0
<b><u>6-Foot Anchorage</u></b>							
	03-04/06		6.57 acres	6.0		(11) 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:**

- (10). Except for shoaling to 5.7' within 10' of east channel limit from about 425' to about 525' upstream of Buoy RN-32.
- (11). Except for isolated shoaling to 5.6' within 15' of west anchorage limit about 240' upstream of Buoy GC-33; except for shoaling to 5.6' within 15' of east anchorage limit about 180' upstream of Buoy GC-33.