

## 2019 PHRF-NB Membership/Rating Certificate

This certificate expires on April 30, 2020, or upon change of ownership, whichever comes first.

**Certificate status: Renewed**

Ratings	
-9	6
Spinnaker	Non-Spinnaker

### Administrative Data

<b>Name:</b>	Michael Hennessy
<b>Address:</b>	Privacy Protected
<b>Email:</b>	
<b>Primary Phone:</b>	
<b>Secondary Phone:</b>	
<b>Yacht Club:</b>	Mudheads

### Boat Measurements

<b>I:</b> 51	<b>J:</b> 16.42	<b>LOA:</b> 40
<b>P:</b> 56.5	<b>E:</b> 19.83	<b>LWL:</b> 39.33
<b>ISP:</b> 58.33	<b>SPL:</b> 23	<b>Draft:</b> Max 9.92
<b>Py:</b>	<b>Ey:</b>	
<b>Beam:</b> 13.58	<b>Displacement:</b> 10736	
<b>Rig Type:</b> Sloop	<b>Rig:</b> Fractional	
<b>Keel Weight:</b> 4400	<b>Keel Material:</b> Fin/lead bulb	
<b>Composite Rigging:</b> yes	<b>Other Ballast:</b> Water ballast, two tanks on either side. 750 liters	
<b>Mast Material:</b> Carbon	<b>Spinnaker Type(s):</b> Asymmetrical	
<b>Asymmetrical Spinnaker Tacked To:</b> asprit		

### Variables

<b>Engine:</b> Inboard	<b>Prop. Type:</b> Folding
<b>Prop. Install:</b> Exposed Shaft	<b>Rudder:</b> Spade
<b># of Blades:</b> 2	<b>Keel:</b> Fin Keel

### Comments/Modifications

2008-Rod shrouds, PBO Runners and kevlar forestay;JC=6.5;fractional jib, masthead kites;750 liters of water ballast on each side in 2 separate tanks-rate of transfer approx. 5 min. Keel was replaced in 2015 due to mileage with like type fin keel. No material change to righting moment, draft is the same. Mast was replaced in 2014 with like-type mast but two spreaders instead of three.  
2017- Rating reviewed by committee and no change in rating.

### Yacht

<b>Yacht Name:</b> Dragon	<b>Sail Number:</b> 54
<b>Designer:</b> Owen Clark	
<b>Manufacturer:</b> Composite Creations	<b>Model:</b> Class 40
<b>Hull Serial Number:</b> USZ00126K707	<b>Date Manufactured:</b> 2008
<b>Other Ratings:</b>	<b>Date Last Rated:</b>

### Sails

Headsails to be used (LP%)		Mainsail Measurements	
<b>Headsail 1</b>	104	<b>MHB</b>	
<b>Headsail 2</b>	92	<b>MUW</b>	
<b>Headsail 3</b>	90	<b>MTW</b>	
<b>Headsail 4</b>	0	<b>MHW</b>	
		<b>MQW</b>	

### Spinnakers to be used

Spin #	JC	SMG	Foot	Luff	Leech
<b>Spin 1</b>	62.7	35.94	36.71	67.46	56.9
<b>Spin 2</b>					
<b>Spin 3</b>					
<b>Code 0</b>					

**Headsail Credit:** n/a

### Committee Use Only

PHRF #: 13640			
<b>Base Rating</b>	-9	<b>Non-Spin Adj.</b>	15
<b>Genoa Spin Adj.</b>	0	<b>Genoa Non-Spin Adj.</b>	0
<b>Mainsail Adj.</b>	0	<b>Furling Adj.</b>	0
<b>Spin. Area Adj.</b>		<b>Whisker Pole Adj.</b>	
<b>Prop. Adjustment</b>	0		
<b>Mast Adj.</b>	0	<b>Misc. Adj.</b>	0
<b>Asym Adj.</b>	0	<b>Spin Pole Adj.</b>	0
<b>Committee Signature</b>		<b>Date</b>	
Katherine Rotsky		03/18/2019	