

## 2018 PHRF-NB Membership/Rating Certificate

This certificate expires on April 30, 2019, or upon change of ownership, whichever comes first.

**Certificate status:** Published

Ratings	
97	110
Spinnaker	Non-Spinnaker

### Administrative Data

<b>Name:</b>	John Bell
<b>Address:</b>	Privacy Protected
<b>Email:</b>	
<b>Primary Phone:</b>	
<b>Secondary Phone:</b>	
<b>Yacht Club:</b>	Bristol YC

### Boat Measurements

<b>I:</b> 53.8	<b>J:</b> 17.2	<b>LOA:</b> 46.6
<b>P:</b> 51.7	<b>E:</b> 18.4	<b>LWL:</b> 42.1
<b>ISP:</b> 53.8	<b>SPL:</b> 0	<b>Draft:</b> Max 6
<b>Py:</b>	<b>Ey:</b>	
<b>Beam:</b> 14.3	<b>Displacement:</b> 25370	
<b>Rig Type:</b> Sloop	<b>Rig:</b> Fractional	
<b>Keel Weight:</b> 10330	<b>Keel Material:</b> Lead	
<b>Composite Rigging:</b> no	<b>Other Ballast:</b> NO	
<b>Mast Material:</b> Aluminum	<b>Spinnaker Type(s):</b> Asymmetrical	
<b>Asymmetrical Spinnaker Tacked To:</b> fsprit		

### Variables

<b>Engine:</b> Inboard	<b>Prop. Type:</b> Feathering
<b>Prop. Install:</b> Exposed Shaft	<b>Rudder:</b> Spade
<b># of Blades:</b> 3	<b>Keel:</b> Fin Keel

### Comments/Modifications

Cruising accommodations made to base boat, 5.5KW generator, 2 x airconditioning units, 1 x A/C powered refrigeration unit, stern arch w/ davits and solar panels, 4 x 8D batteries in house bank, in-boom furling, anchor stowed on roller w/ 140' of 3/8 chain plus 220' rode 2017- +9 Asym on CL, -2 for % over J=7  
2018-Bow sprit penalty corrected -3.

### Yacht

<b>Yacht Name:</b> Moon Shadow	<b>Sail Number:</b> 60168
<b>Designer:</b> Rodger Martin	
<b>Manufacturer:</b> Aerodyne Yachts Ltd.	<b>Model:</b> Aerodyne 47
<b>Hull Serial Number:</b> XJF47001F000	<b>Date Manufactured:</b> 2000
<b>Other Ratings:</b> 2017 SE Florida PHRF (spinnaker) = 90; 2010 Lake Michigan non-spin = 93	<b>Date Last Rated:</b>

### Sails

Headsails to be used (LP%)		Mainsail Measurements	
<b>Headsail 1</b>	100	<b>MHB</b>	
<b>Headsail 2</b>	150	<b>MUW</b>	
<b>Headsail 3</b>	150	<b>MTW</b>	
<b>Headsail 4</b>		<b>MHW</b>	
		<b>MQW</b>	

### Spinnakers to be used

Spin #	JC	SMG	Foot	Luff	Leech
<b>Spin 1</b>	18.7	30.4	31.9	58.1	50.1
<b>Spin 2</b>					
<b>Spin 3</b>					
<b>Code 0</b>					

**Headsail Credit:** Roller Furling

### Committee Use Only

PHRF #: 12708			
<b>Base Rating</b>	87	<b>Non-Spin Adj.</b>	19
<b>Genoa Spin Adj.</b>	1	<b>Genoa Non-Spin Adj.</b>	1
<b>Mainsail Adj.</b>	0	<b>Furling Adj.</b>	3
<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>	6	<b>Spin Pole Adj.</b>	0
<b>Committee Signature</b>		<b>Date</b>	
Katherine Rotsky		02/28/2018	