

## 2019 PHRF-NB Membership/Rating Certificate

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

**Certificate status: Published**

Ratings	
126	152
Spinnaker	Non-Spinnaker

### Administrative Data

<b>Name:</b>	Douglas Bernard Ellison
<b>Address:</b>	Privacy Protected
<b>Email:</b>	
<b>Primary Phone:</b>	
<b>Secondary Phone:</b>	
<b>Yacht Club:</b>	

### Yacht

<b>Yacht Name:</b> Vayu	<b>Sail Number:</b> 43
<b>Designer:</b> Dixon	
<b>Manufacturer:</b> Hanse	<b>Model:</b> Moody41AC
<b>Hull Serial Number:</b> DE-MOO41043G213	<b>Date Manufactured:</b> 2013
<b>Other Ratings:</b> 152 NON-SPINNAKER 135 SPINNAKER	<b>Date Last Rated:</b>
<b>Previous Name:</b>	<b>Previous Location:</b>

### Boat Measurements

<b>I:</b> 48.83	<b>J:</b> 14.5	<b>LOA:</b> 41.5
<b>P:</b> 50.08	<b>E:</b> 18.33	<b>LWL:</b> 35.58
<b>ISP:</b>	<b>SPL:</b> 0	<b>Draft:</b> Max 5.5
<b>Py:</b>	<b>Ey:</b>	
<b>Beam:</b> 13.08	<b>Displacement:</b> 21604	
<b>Rig Type:</b> Sloop	<b>Rig:</b> Fractional	
<b>Keel Weight:</b> 5919	<b>Keel Material:</b> Iron/lead	
<b>Composite Rigging:</b> no	<b>Other Ballast:</b>	
<b>Mast Material:</b> Aluminum	<b>Spinnaker Type(s):</b> Asymmetrical	
<b>Asymmetrical Spinnaker Tacked To:</b> fsprit		

### Sails

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

**Non-Overlapping Headsail Standard:**

### Spinnakers to be used

Spin #	JC	SMG	Foot	Luff	Leech
<b>Spin 1</b>	17.5	26.46	30.83	60.69	50.85
<b>Spin 2</b>	17.5	9.67	21.85	47.9	45.93
<b>Spin 3</b>					
<b>Code 0</b>					

**Headsail Credit:** Cruising Headsail

### Variables

<b>Engine:</b> Inboard	<b>Prop. Type:</b> Folding
<b>Prop. Install:</b> Sail Drive	<b>Rudder:</b> Spade
<b># of Blades:</b> 3	<b>Keel:</b> Full Keel

### Comments/Modifications

2017- self tacking jib, in mast main furling, asymmetric roller furling, headsail furling. Asym +9 -6 bow sprit = +3. Spin 2 undergirth adjustment -12. Net Assym adjustment is -9.

### Committee Use Only

PHRF #: 14242			
<b>Base Rating</b>	123	<b>Non-Spin Adj.</b>	17
<b>Genoa Spin Adj.</b>	0	<b>Genoa Non-Spin Adj.</b>	0
<b>Mainsail Adj.</b>	6	<b>Furling Adj.</b>	6
<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>	-9	<b>Spin Pole Adj.</b>	0
<b>Committee Signature</b>		<b>Date</b>	
Nannini, Mark		06/12/2019	