

## 2023 PHRF-NB Membership/Rating Certificate

This certificate expires on April 30, 2024, or upon change of ownership, whichever comes first.

**Certificate status: Published**

Ratings	
22	38
Spinnaker	Non-Spinnaker

### Administrative Data

<b>Name:</b>	Thomas Dunn
<b>Address:</b>	Privacy Protected
<b>Email:</b>	
<b>Primary Phone:</b>	
<b>Secondary Phone:</b>	
<b>Yacht Club:</b>	Belle Haven, New York Yacht Club

### Yacht

<b>Yacht Name:</b> Jules	<b>Sail Number:</b> USA 52300
<b>Designer:</b> Sparkman & Stephens	
<b>Manufacturer:</b> Baltic	<b>Model:</b> BALTIC 52
<b>Hull Serial Number:</b> 520150196	<b>Date Manufactured:</b> 1996
<b>Other Ratings:</b> PHRF YRALIS	<b>Date Last Rated:</b>

### Boat Measurements

<b>I:</b> 68.2	<b>J:</b> 18.6	<b>LOA:</b> 52.7
<b>P:</b> 64.5	<b>E:</b> 21.0	<b>LWL:</b> 43.7
<b>ISP:</b> 70.0	<b>SPL:</b> 0	<b>Draft:</b> Max 9.8
<b>Py:</b>	<b>Ey:</b>	
<b>Beam:</b> 15.4	<b>Displacement:</b> 36572	
<b>Rig Type:</b> Sloop	<b>Rig:</b> Fractional	
<b>Keel Weight:</b> 12566	<b>Keel Material:</b> Lead	
<b>Composite Rigging:</b> no	<b>Other Ballast:</b> No	
<b>Mast Material:</b> Carbon	<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>	155	<b>MHB</b>	0.39
<b>Headsail 2</b>	152	<b>MUW</b>	4.36
<b>Headsail 3</b>	140	<b>MTW</b>	7.81
<b>Headsail 4</b>	100	<b>MHW</b>	13.29
		<b>MQW</b>	17.49

### Spinnakers to be used

Spin #	JC	SMG	Foot	Luff	Leech
<b>Spin 1</b>	24.99	43.90	42.36	79.07	67.59
<b>Spin 2</b>	24.99	42.75	41.76	79.17	67.26
<b>Spin 3</b>	24.99	35.43	41.83	78.08	68.57
<b>Code 0</b>	24.99	23.65	31.36	71.19	67.19

**Headsail Credit:** n/a

### Variables

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

### Comments/Modifications

Baltic 52 Base @ 21 (Kinship) - Adjusted as follows:  
Rig Adjustments: I - 2.6% less +1.5, J - 9.1% less +6, P - 4.2% greater -3, E - 8.4% greater -1.5  
Keel Adjustment: 1.8' deeper -10, 662lbs (5%) lighter +3  
Misc. Adj. = -7  
SPL increase over J = -3  
2023- Asym Retro Area -10 plus Asym Rtro Install +13= +3.  
Undersized Main +2

### Committee Use Only

PHRF #: 17602		
<b>Base Rating</b>	21	<b>Non-Spin Adj.</b> 19
<b>Genoa Spin Adj.</b>	0	<b>Genoa Non-Spin Adj.</b> 0
<b>Mainsail Adj.</b>	2	<b>Furling Adj.</b> 0
<b>Spin. Area Adj.</b>	3	<b>Whisker Pole Adj.</b> 0
<b>Prop. Adjustment</b>	0	
<b>Mast Adj.</b>	3	<b>Misc. Adj.</b> -7
<b>Committee Signature</b>	<b>Date</b>	
Katherine Rotsky	2023-05-31	