

## 2023 PHRF-NB Membership/Rating Certificate

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

**Certificate status: Renewed**

Ratings	
140	154
Spinnaker	Non-Spinnaker

### Administrative Data

<b>Name:</b>	Kenneth Madeiro/George Lima
<b>Address:</b>	Privacy Protected
<b>Email:</b>	
<b>Primary Phone:</b>	
<b>Secondary Phone:</b>	
<b>Yacht Club:</b>	Bristol Yacht Club

### Boat Measurements

<b>I:</b> 35	<b>J:</b> 10.42	<b>LOA:</b> 29.92
<b>P:</b> 39.67	<b>E:</b> 13.83	<b>LWL:</b> 25
<b>ISP:</b> 35	<b>SPL:</b> 10.84	<b>Draft:</b> Max 5.75
<b>Py:</b>	<b>Ey:</b>	
<b>Beam:</b> 11.08	<b>Displacement:</b> 6135	
<b>Rig Type:</b> Sloop	<b>Rig:</b> Fractional	
<b>Keel Weight:</b> 2700	<b>Keel Material:</b> Lead	
<b>Composite Rigging:</b> no	<b>Other Ballast:</b> none	
<b>Mast Material:</b> Aluminum	<b>Spinnaker Type(s):</b> Symmetrical	
<b>Asymmetrical Spinnaker Tacked To:</b>		

### Variables

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

### Comments/Modifications

2018- Cathedral spreaders added to support top mast -1.  
Replaced rudder with same sections/area and 2" fwd balance, rudder is 50lbs lighter, .008% delta in weight, no rating change.  
2020- Symmetrical Area -1. Revision #1 Removed Symmetrical Area adjustment.  
2021- Standard pole 10.84.  
2022- Rudder mod -1. Oversized spin -1. Revision #1 Added new spin  
2023- No changes. Revised new main, no adj

### Yacht

<b>Yacht Name:</b> Audacious	<b>Sail Number:</b> 32445
<b>Designer:</b> Bill Shaw	
<b>Manufacturer:</b> Pearson Yachts	<b>Model:</b>
<b>Hull Serial Number:</b> OPEA6844MA81E	<b>Date Manufactured:</b> 1981
<b>Other Ratings:</b>	<b>Date Last Rated:</b>

### Sails

Headsails to be used (LP%)		Mainsail Measurements	
<b>Headsail 1</b>	155	<b>MHB</b>	0.5
<b>Headsail 2</b>	107	<b>MUW</b>	3.18
<b>Headsail 3</b>		<b>MTW</b>	5.70
<b>Headsail 4</b>		<b>MHW</b>	9.20
		<b>MQW</b>	11.65

### Spinnakers to be used

Spin #	JC	SMG	Foot	Luff	Leech
<b>Spin 1</b>	0	19.2	19.45	34.6	34.6
<b>Spin 2</b>	0	19.5	18.57	35	35
<b>Spin 3</b>					
<b>Code 0</b>					

**Headsail Credit:** n/a

### Committee Use Only

PHRF #: 17299			
<b>Base Rating</b>	141	<b>Non-Spin Adj.</b>	14
<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>	0	<b>Whisker Pole Adj.</b>	0
<b>Prop. Adjustment</b>	0		
<b>Mast Adj.</b>	0	<b>Misc. Adj.</b>	-1
<b>Committee Signature</b>		<b>Date</b>	
Katherine Rotsky		2023-04-20	