

## 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	
75	94
Spinnaker	Non-Spinnaker

### Administrative Data

<b>Name:</b>	Rohrer, Richard
<b>Address:</b>	<i>Privacy Protected</i>
<b>Email:</b>	
<b>Primary Phone:</b>	
<b>Secondary Phone:</b>	
<b>Yacht Club:</b>	Mattapoisett Yacht Club

### Yacht

<b>Yacht Name:</b> Rocinante	<b>Sail Number:</b> USA 146
<b>Designer:</b> Johnstone	
<b>Manufacturer:</b> J/Boats	<b>Model:</b> J-109
<b>Hull Serial Number:</b> 146	<b>Date Manufactured:</b> 2003
<b>Other Ratings:</b>	<b>Date Last Rated:</b>

### Boat Measurements

<b>I:</b> 46.5	<b>J:</b> 13.3	<b>LOA:</b> 35.25
<b>P:</b> 43.25	<b>E:</b> 15.5	<b>LWL:</b> 30.5
<b>ISP:</b> 49.6	<b>SPL:</b> 0	<b>Draft:</b> Max 7
<b>Py:</b>	<b>Ey:</b>	
<b>Beam:</b> 11.5	<b>Displacement:</b> 10900	
<b>Rig Type:</b> Sloop	<b>Rig:</b> Fractional	
<b>Keel Weight:</b> 3900	<b>Keel Material:</b> 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> rsprit		

### Sails

Headsails to be used (LP%)		Mainsail Measurements	
<b>Headsail 1</b>	100	<b>MHB</b>	0.65
<b>Headsail 2</b>	60	<b>MUW</b>	3.25
<b>Headsail 3</b>	0	<b>MTW</b>	5.91
<b>Headsail 4</b>	0	<b>MHW</b>	10.7
		<b>MQW</b>	13.06

### Spinnakers to be used

Spin #	JC	SMG	Foot	Luff	Leech
<b>Spin 1</b>	18.3	27.95	27.42	53.33	41.8
<b>Spin 2</b>					
<b>Spin 3</b>					
<b>Code 0</b>					

**Headsail Credit:** Roller Furling

### Variables

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

### Comments/Modifications

The A2 would have been "standard" for the J/109 class, since the boat was raced by the prior owner in many class events. I have altered it though to fit on a top-down furler - this entailed shortening via cuts to the luff and leech. So the sail is less powerful than it once was. The code 0 is likewise on a top-down furler. This year I added a Solent sail as well - that is headsail #2, above.

2020- Roller furling included in ODR rating.

2023- No changes

### Committee Use Only

PHRF #: 17213		
<b>Base Rating</b>	75	<b>Non-Spin Adj.</b> 19
<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> 0
<b>Committee Signature</b>	<b>Date</b>	
<i>Katherine Rotsky</i>	2023-04-16	