

## 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	
103	111
Spinnaker	Non-Spinnaker

### Administrative Data

<b>Name:</b>	DeLeo, Raymond S.
<b>Address:</b>	Privacy Protected
<b>Email:</b>	
<b>Primary Phone:</b>	
<b>Secondary Phone:</b>	
<b>Yacht Club:</b>	Bristol YC

### Yacht

<b>Yacht Name:</b> Leonessa	<b>Sail Number:</b> 40333
<b>Designer:</b> Doug Peterson	
<b>Manufacturer:</b> Baltic Yachts	<b>Model:</b> BALTIC 42 DP CB
<b>Hull Serial Number:</b> XYB420301184	<b>Date Manufactured:</b> 1985
<b>Other Ratings:</b> ORR(US18510)	<b>Date Last Rated:</b>

### Boat Measurements

<b>I:</b> 56.1	<b>J:</b> 17.66	<b>LOA:</b> 41.9
<b>P:</b> 50.04	<b>E:</b> 13.89	<b>LWL:</b> 34.4
<b>ISP:</b> 56.21	<b>SPL:</b> 17.7	<b>Draft:</b> Max 9.58 / Min 5.5
<b>Py:</b>	<b>Ey:</b>	
<b>Beam:</b> 13.34	<b>Displacement:</b> 18400	
<b>Rig Type:</b> Sloop	<b>Rig:</b> Masthead	
<b>Keel Weight:</b> 8060	<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> bow		

### Sails

Headsails to be used (LP%)		Mainsail Measurements	
<b>Headsail 1</b>	155	<b>MHB</b>	0.47
<b>Headsail 2</b>	140	<b>MUW</b>	2.80
<b>Headsail 3</b>	100	<b>MTW</b>	5.06
<b>Headsail 4</b>		<b>MHW</b>	8.79
		<b>MQW</b>	11.61

### Spinnakers to be used

Spin #	JC	SMG	Foot	Luff	Leech
<b>Spin 1</b>	18.51	27.98	31.41	59.38	53.02
<b>Spin 2</b>	18.51	28.53	31.70	59.38	53.02
<b>Spin 3</b>	18.51	28.95	31.1	59.4	50.2
<b>Code 0</b>					

**Headsail Credit:** n/a

### Variables

<b>Engine:</b> Inboard	<b>Prop. Type:</b> Feathering
<b>Prop. Install:</b> Exposed Shaft	<b>Rudder:</b> Spade
<b># of Blades:</b> 2	<b>Keel:</b> Centerboard

### Comments/Modifications

2018- Board up draft 6/ Board down draft 9  
2020 - No distance forward on Asym. Carrying Symm.  
2022- No changes.  
2023- Replaced Rudder with All carbon same original design shape, saving 70 lbs. No adj.  
-1 Asym spin. Update, removed sym spin Asym Retro +2, plus Asym Install +12= +14

### Committee Use Only

PHRF #: 17246			
<b>Base Rating</b>	87	<b>Non-Spin Adj.</b>	22
<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>	14	<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>		
Katherine Rotsky	2023-04-23		