

## 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	
35	55
Spinnaker	Non-Spinnaker

### Administrative Data

<b>Name:</b>	Eric Irwin
<b>Address:</b>	Privacy Protected
<b>Email:</b>	
<b>Primary Phone:</b>	
<b>Secondary Phone:</b>	
<b>Yacht Club:</b>	NYYC, CCA, Coasters Harbor YC

### Yacht

<b>Yacht Name:</b> ALLIANCE	<b>Sail Number:</b> 52770
<b>Designer:</b> JOHNSTON	
<b>Manufacturer:</b> JBOAT	<b>Model:</b> J-122
<b>Hull Serial Number:</b> JBE22008A707	<b>Date Manufactured:</b> 2007
<b>Other Ratings:</b>	<b>Date Last Rated:</b>

### Boat Measurements

<b>I:</b> 54.33	<b>J:</b> 15.16	<b>LOA:</b> 40
<b>P:</b> 51.33	<b>E:</b> 17.58	<b>LWL:</b> 34.58
<b>ISP:</b> 57.68	<b>SPL:</b> 7	<b>Draft:</b> Max 7.25
<b>Py:</b>	<b>Ey:</b>	
<b>Beam:</b> 11.91	<b>Displacement:</b> 14900	
<b>Rig Type:</b> Sloop	<b>Rig:</b> Fractional	
<b>Keel Weight:</b> 5600	<b>Keel Material:</b> Lead	
<b>Composite Rigging:</b> no	<b>Other Ballast:</b>	
<b>Mast Material:</b> Carbon	<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>	110	<b>MHB</b>	0.44
<b>Headsail 2</b>	105	<b>MUW</b>	3.73
<b>Headsail 3</b>	100	<b>MTW</b>	6.69
<b>Headsail 4</b>		<b>MHW</b>	11.45
		<b>MQW</b>	14.73

### Spinnakers to be used

Spin #	JC	SMG	Foot	Luff	Leech
<b>Spin 1</b>	21.6	34.2	32.65	65.24	53.32
<b>Spin 2</b>	21.6	22.32	29.73	59.35	55.65
<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> 3	<b>Keel:</b> Full Keel

### Comments/Modifications

2022- No changes. Revision #1 Added new Code Zero, removed adjustment.  
2023- No changes.

### Committee Use Only

PHRF #: 17776			
<b>Base Rating</b>	36	<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>	-1	<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	2023-07-22		