

## 2024 PHRF-NB Membership/Rating Certificate

This certificate expires on April 30, 2025, or upon change of ownership, whichever comes first.

**Certificate status: Published**

Ratings	
-59	-33
Spinnaker	Non-Spinnaker

### Administrative Data

<b>Name:</b>	Cunha, Brian
<b>Address:</b>	Privacy Protected
<b>Email:</b>	
<b>Primary Phone:</b>	
<b>Secondary Phone:</b>	
<b>Yacht Club:</b>	IYAC

### Yacht

<b>Yacht Name:</b> IRIE 2	<b>Sail Number:</b> GRE 55
<b>Designer:</b> Kerr	
<b>Manufacturer:</b> Southern	<b>Model:</b> KER 55
<b>Hull Serial Number:</b> 3	<b>Date Manufactured:</b> 2002
<b>Other Ratings:</b>	<b>Date Last Rated:</b>

### Boat Measurements

<b>I:</b> 69.32	<b>J:</b> 21.06	<b>LOA:</b> 54.4
<b>P:</b> 71.59	<b>E:</b> 24.18	<b>LWL:</b> 45.6
<b>ISP:</b> 78.28	<b>SPL:</b> 31.5	<b>Draft:</b> Max 10.53
<b>Py:</b>	<b>Ey:</b>	
<b>Beam:</b> 13.42	<b>Displacement:</b> 22101	
<b>Rig Type:</b> Sloop	<b>Rig:</b> Fractional	
<b>Keel Weight:</b> 14500	<b>Keel Material:</b> Lead	
<b>Composite Rigging:</b> no	<b>Other Ballast:</b> none	
<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>	103	<b>MHB</b>	0.918
<b>Headsail 2</b>	103	<b>MUW</b>	5.44
<b>Headsail 3</b>	103	<b>MTW</b>	9.51
<b>Headsail 4</b>	103	<b>MHW</b>	15.55
		<b>MQW</b>	20.11

### Spinnakers to be used

Spin #	JC	SMG	Foot	Luff	Leech
<b>Spin 1</b>	22.75	45.87	51.74	86.02	77.67
<b>Spin 2</b>	22.75	46.68	48.29	88.88	75.26
<b>Spin 3</b>					
<b>Code 0</b>					

**Headsail Credit:** n/a

### Variables

<b>Engine:</b> Inboard	<b>Prop. Type:</b> Folding
<b>Prop. Install:</b> Aperture	<b>Rudder:</b> Spade
<b># of Blades:</b> 2	<b>Keel:</b> Full Keel

### Comments/Modifications

2013: SPL=distance,including bow spirt length and pole length=22.75+4.61 = 27.36 12/8/14:Rating changed on appeal from -69 to -60. 8/11/2017- Extended bow sprit from 27.36 to 31.49 ft. Adjusted base rating to not include SPL adjustment. New base is -52. Previous SPL adjustment was -8. Additional SPL extension will adjust to -14. 2018- Base rating adjustment +3 = -49  
2022- No changes.  
2023-Documented spinnaker measurements, Aperture prop -3, Main +1.  
2024-No change.

### Committee Use Only

PHRF #: 18012			
<b>Base Rating</b>	-49	<b>Non-Spin Adj.</b>	18
<b>Genoa Spin Adj.</b>	0	<b>Genoa Non-Spin Adj.</b>	0
<b>Mainsail Adj.</b>	1	<b>Furling Adj.</b>	0
<b>Spin. Area Adj.</b>	-8	<b>Whisker Pole Adj.</b>	0
<b>Prop. Adjustment</b>	-3		
<b>Mast Adj.</b>	0	<b>Misc. Adj.</b>	0
<b>Committee Signature</b>	<b>Date</b>		
Katherine Rotsky	2024-04-13		