

## 2021 PHRF-NB Membership/Rating Certificate

This certificate expires on April 30, 2022, or upon change of ownership, whichever comes first.

**Certificate status: Renewed**

Ratings	
90	107
Spinnaker	Non-Spinnaker

### Administrative Data

<b>Name:</b>	Hodgson, Dawson & Ben
<b>Address:</b>	Privacy Protected
<b>Email:</b>	
<b>Primary Phone:</b>	
<b>Secondary Phone:</b>	
<b>Yacht Club:</b>	

### Yacht

<b>Yacht Name:</b> Grimace	<b>Sail Number:</b> 43
<b>Designer:</b> Johnstone	
<b>Manufacturer:</b> J/Boats	<b>Model:</b> J-100
<b>Hull Serial Number:</b> USPCK10043D505	<b>Date Manufactured:</b> 2005
<b>Other Ratings:</b> US PHRF National Reference Rating for the J100 (155% headsail & J length Pole) = 81. YRALIS currently rates Grimace at 87 (81 + 6s short handed adjustment)	<b>Date Last Rated:</b>

### Boat Measurements

<b>I:</b> 38.5	<b>J:</b> 11.5	<b>LOA:</b> 32.8
<b>P:</b> 38	<b>E:</b> 13.5	<b>LWL:</b> 29
<b>ISP:</b> 43	<b>SPL:</b> 11.5	<b>Draft:</b> Max 5.75
<b>Py:</b>	<b>Ey:</b>	
<b>Beam:</b> 9.25	<b>Displacement:</b> 6500	
<b>Rig Type:</b> Sloop	<b>Rig:</b> Fractional	
<b>Keel Weight:</b> 2500	<b>Keel Material:</b> Lead	
<b>Composite Rigging:</b> no	<b>Other Ballast:</b>	
<b>Mast Material:</b> Carbon	<b>Spinnaker Type(s):</b> Symmetrical	
<b>Asymmetrical Spinnaker Tacked To:</b> bow		

### Sails

Headsails to be used (LP%)		Mainsail Measurements	
<b>Headsail 1</b>	100	<b>MHB</b>	
<b>Headsail 2</b>	138	<b>MUW</b>	
<b>Headsail 3</b>	0	<b>MTW</b>	
<b>Headsail 4</b>	0	<b>MHW</b>	
		<b>MQW</b>	

### Spinnakers to be used

Spin #	JC	SMG	Foot	Luff	Leech
<b>Spin 1</b>	11.5	21.4	21.4	42.28	42.28
<b>Spin 2</b>	11.5	20.7	20.7	42.28	42.28
<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> Sail Drive	<b>Rudder:</b> Spade
<b># of Blades:</b> 2	<b>Keel:</b> Fin Keel

### Comments/Modifications

2009: Can carry class spinnaker at 88sq.meter with this rating. If wanting to sail with J/100 Class Configuration will need new certificate. 2009 - 145% jib = -5 2012: RF credit in base rating;jib penalty changed from -5 to -3. 2013: headsail changed from -5 to -3. 2013: headsail changed to 138 + -1; Spinnaker #1 added  
2017- Use of articulating pole -9.  
2018-Changed base rating to 99. Roller Furling adjustment added to base. Revision #1.

### Committee Use Only

PHRF #: 15783			
<b>Base Rating</b>	99	<b>Non-Spin Adj.</b>	18
<b>Genoa Spin Adj.</b>	-4	<b>Genoa Non-Spin Adj.</b>	-7
<b>Mainsail Adj.</b>	0	<b>Furling Adj.</b>	0
<b>Spin. Area Adj.</b>	-5	<b>Whisker Pole Adj.</b>	-3
<b>Prop. Adjustment</b>	0		
<b>Mast Adj.</b>	0	<b>Misc. Adj.</b>	0
<b>Committee Signature</b>	<b>Date</b>		
Katherine Rotsky	05/12/2021		

2020-Adjusted non spin to 18. Use of articulating pole -3.  
Symmetrical Area -2.