

## 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.