

## 2020 PHRF-NB Membership/Rating Certificate

This certificate expires on April 30, 2021, or upon change of ownership, whichever comes first.

**Certificate status:** Published

### Ratings

|           |               |
|-----------|---------------|
| -6        | 12            |
| Spinnaker | Non-Spinnaker |

### Administrative Data

|                         |                      |
|-------------------------|----------------------|
| <b>Name:</b>            | Todd Stuart          |
| <b>Address:</b>         | Privacy Protected    |
| <b>Email:</b>           |                      |
| <b>Primary Phone:</b>   |                      |
| <b>Secondary Phone:</b> |                      |
| <b>Yacht Club:</b>      | Ida Lewis yacht club |

### Boat Measurements

|                                                 |                                        |                     |
|-------------------------------------------------|----------------------------------------|---------------------|
| <b>I:</b> 71.26                                 | <b>J:</b> 20.5                         | <b>LOA:</b> 56      |
| <b>P:</b> 66                                    | <b>E:</b> 21.8                         | <b>LWL:</b> 49.4    |
| <b>ISP:</b> 71.26                               | <b>SPL:</b> 0                          | <b>Draft:</b> Max 9 |
| <b>Py:</b>                                      | <b>Ey:</b>                             |                     |
| <b>Beam:</b> 15.47                              | <b>Displacement:</b> 52000             |                     |
| <b>Rig Type:</b> Sloop                          | <b>Rig:</b> Masthead                   |                     |
| <b>Keel Weight:</b> 13750                       | <b>Keel Material:</b>                  |                     |
| <b>Composite Rigging:</b> yes                   | <b>Other Ballast:</b>                  |                     |
| <b>Mast Material:</b> Carbon                    | <b>Spinnaker Type(s):</b> Asymmetrical |                     |
| <b>Asymmetrical Spinnaker Tacked To:</b> fsprit |                                        |                     |

### Variables

|                                     |                               |
|-------------------------------------|-------------------------------|
| <b>Engine:</b> Inboard              | <b>Prop. Type:</b> Feathering |
| <b>Prop. Install:</b> Exposed Shaft | <b>Rudder:</b> Spade          |
| <b># of Blades:</b> 3               | <b>Keel:</b> Fin Keel         |

### Yacht

|                                |                                |
|--------------------------------|--------------------------------|
| <b>Yacht Name:</b> White Rhino | <b>Sail Number:</b> USA 52821  |
| <b>Designer:</b> Swan          |                                |
| <b>Manufacturer:</b> Nautor    | <b>Model:</b> Swan 56 SD C/R   |
| <b>Hull Serial Number:</b> 19  | <b>Date Manufactured:</b> 1999 |
| <b>Other Ratings:</b>          | <b>Date Last Rated:</b>        |

### Sails

| Headsails to be used (LP%) |     | Mainsail Measurements |       |
|----------------------------|-----|-----------------------|-------|
| <b>Headsail 1</b>          | 140 | <b>MHB</b>            | 0.43  |
| <b>Headsail 2</b>          | 100 | <b>MUW</b>            | 4.49  |
| <b>Headsail 3</b>          | 0   | <b>MTW</b>            | 8.3   |
| <b>Headsail 4</b>          |     | <b>MHW</b>            | 14.21 |
|                            |     | <b>MQW</b>            | 18.31 |

### Spinnakers to be used

| Spin #        | JC   | SMG   | Foot | Luff  | Leech |
|---------------|------|-------|------|-------|-------|
| <b>Spin 1</b> | 24.3 | 45    | 45   | 81    | 72.17 |
| <b>Spin 2</b> | 24.3 | 45.33 | 43.9 | 82.75 | 69.5  |
| <b>Spin 3</b> | 24.3 | 37.83 | 41   | 78.67 | 72.17 |
| <b>Code 0</b> |      |       |      |       |       |

**Headsail Credit:** n/a

### Comments/Modifications

2013:No CHC-tuff luff Asym. Tacked to bow+9;3 ft forward of headstay=-5;net =+4  
2020-Asym Retrofit Area -7, plus Asym retro install adj +9=+2.  
Please measure Spin #1. SMG Needed.

### Committee Use Only

| PHRF #: 15184              |             |                            |    |
|----------------------------|-------------|----------------------------|----|
| <b>Base Rating</b>         | -9          | <b>Non-Spin Adj.</b>       | 20 |
| <b>Genoa Spin Adj.</b>     | 1           | <b>Genoa Non-Spin Adj.</b> | 1  |
| <b>Mainsail Adj.</b>       | 0           | <b>Furling Adj.</b>        | 0  |
| <b>Spin. Area Adj.</b>     |             | <b>Whisker Pole Adj.</b>   |    |
| <b>Prop. Adjustment</b>    | 0           |                            |    |
| <b>Mast Adj.</b>           | 0           | <b>Misc. Adj.</b>          | 0  |
| <b>Asym Adj.</b>           | 2           | <b>Spin Pole Adj.</b>      | 0  |
| <b>Committee Signature</b> | <b>Date</b> |                            |    |
| Katherine Rotsky           | 07/31/2020  |                            |    |