

## 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

|           |               |
|-----------|---------------|
| 93        | 111           |
| Spinnaker | Non-Spinnaker |

### Administrative Data

|                         |                   |
|-------------------------|-------------------|
| <b>Name:</b>            | Matthew Schmitt   |
| <b>Address:</b>         | Privacy Protected |
| <b>Email:</b>           |                   |
| <b>Primary Phone:</b>   |                   |
| <b>Secondary Phone:</b> |                   |
| <b>Yacht Club:</b>      | IYAC              |

### Boat Measurements

|                                                 |                                        |                       |
|-------------------------------------------------|----------------------------------------|-----------------------|
| <b>I:</b> 40.65                                 | <b>J:</b> 13.5                         | <b>LOA:</b> 34.5      |
| <b>P:</b> 41.5                                  | <b>E:</b> 14.65                        | <b>LWL:</b> 29.5      |
| <b>ISP:</b> 42.1                                | <b>SPL:</b> 0                          | <b>Draft:</b> Max 6.5 |
| <b>Py:</b>                                      | <b>Ey:</b>                             |                       |
| <b>Beam:</b> 11                                 | <b>Displacement:</b> 7750              |                       |
| <b>Rig Type:</b> Sloop                          | <b>Rig:</b> Fractional                 |                       |
| <b>Keel Weight:</b> 3400                        | <b>Keel Material:</b> Lead             |                       |
| <b>Composite Rigging:</b> no                    | <b>Other Ballast:</b> no               |                       |
| <b>Mast Material:</b> Aluminum                  | <b>Spinnaker Type(s):</b> Asymmetrical |                       |
| <b>Asymmetrical Spinnaker Tacked To:</b> rsprit |                                        |                       |

### Variables

|                                     |                               |
|-------------------------------------|-------------------------------|
| <b>Engine:</b> Inboard              | <b>Prop. Type:</b> Feathering |
| <b>Prop. Install:</b> Exposed Shaft | <b>Rudder:</b> Spade          |
| <b># of Blades:</b> 2               | <b>Keel:</b> Fin Keel         |

### Yacht

|                                  |                                |
|----------------------------------|--------------------------------|
| <b>Yacht Name:</b> Hardtack      | <b>Sail Number:</b> 563        |
| <b>Designer:</b> Johnstone       |                                |
| <b>Manufacturer:</b> Jboats      | <b>Model:</b> J-105            |
| <b>Hull Serial Number:</b> 563   | <b>Date Manufactured:</b> 2002 |
| <b>Other Ratings:</b> PHRF-NE 90 | <b>Date Last Rated:</b>        |

### Sails

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

### Spinnakers to be used

| Spin #        | JC   | SMG   | Foot  | Luff  | Leech |
|---------------|------|-------|-------|-------|-------|
| <b>Spin 1</b> | 19.5 | 24.73 | 29.52 | 49.51 | 39.83 |
| <b>Spin 2</b> | 19.5 | 25.9  | 0     | 0     | 0     |
| <b>Spin 3</b> |      |       |       |       |       |
| <b>Code 0</b> |      |       |       |       |       |

**Headsail Credit:** n/a

### Comments/Modifications

2018- Request complete spinnaker dimensions. KER

### Committee Use Only

| PHRF #: 15469              |             |                            |    |
|----------------------------|-------------|----------------------------|----|
| <b>Base Rating</b>         | 93          | <b>Non-Spin Adj.</b>       | 18 |
| <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>     | 0           | <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           | 04/01/2021  |                            |    |