

## 2018 PHRF-NB Membership/Rating Certificate

This certificate expires on April 30, 2019, or upon change of ownership, whichever comes first.

**Certificate status: Renewed**

| Ratings   |               |
|-----------|---------------|
| 63        | 85            |
| Spinnaker | Non-Spinnaker |

### Administrative Data

|                         |                   |
|-------------------------|-------------------|
| <b>Name:</b>            | Kneller, Bill     |
| <b>Address:</b>         | Privacy Protected |
| <b>Email:</b>           |                   |
| <b>Primary Phone:</b>   |                   |
| <b>Secondary Phone:</b> |                   |
| <b>Yacht Club:</b>      | CHNYC             |

### Yacht

|  |                                   |
|--|-----------------------------------|
| <b>Yacht Name:</b> Vento Solare            | <b>Sail Number:</b> USA 266       |
| <b>Designer:</b> Johnstone                 |                                   |
| <b>Manufacturer:</b> Pearson Marine        | <b>Model:</b> J/109               |
| <b>Hull Serial Number:</b><br>PCX19266H506 | <b>Date Manufactured:</b><br>2005 |
| <b>Other Ratings:</b>                      | <b>Date Last Rated:</b>           |

### Boat Measurements

|   |   |                     |
|---|---|---------------------|
| <b>I:</b> 46.5                                  | <b>J:</b> 13.3                            | <b>LOA:</b> 35.25   |
| <b>P:</b> 43.25                                 | <b>E:</b> 15.5                            | <b>LWL:</b> 30.5    |
| <b>ISP:</b> 49.6                                | <b>SPL:</b> 18.8                          | <b>Draft:</b> Max 7 |
| <b>Py:</b>                                      | <b>Ey:</b>                                |                     |
| <b>Beam:</b> 11.5                               | <b>Displacement:</b> 10900                |                     |
| <b>Rig Type:</b> Sloop                          | <b>Rig:</b> Fractional                    |                     |
| <b>Keel Weight:</b> 3900                        | <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><br>Asymmetrical |                     |
| <b>Asymmetrical Spinnaker Tacked To:</b> rsprit |   |                     |

### Sails

| Headsails to be used (LP%) |     | Mainsail Measurements |  |
|----------------------------|-----|-----------------------|--|
| <b>Headsail 1</b>          | 105 | <b>MHB</b>            |  |
| <b>Headsail 2</b>          | 145 | <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> | 18.8 | 27.3 | 27.8 | 56.3 | 45.6  |
| <b>Spin 2</b> | 18.8 | 31.9 | 32.4 | 55.9 | 46.9  |
| <b>Spin 3</b> | 18.8 | 19.5 | 25.9 | 46.7 | 51.2  |
| <b>Code 0</b> |      |      |      |      |       |

**Headsail Credit:** Roller Furling

### 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

J/109 with 145% Genoa, 105% Class Jib, 108 sq meter Class spinnaker, 120 (-3 sec.) sq meter PHRF spinnaker, 85 sq. meter Code 0.

2018- Headsail 145% updated -9, Standard Adjust paragraph 1B.

### Committee Use Only

| PHRF #: 12652              |    |                            |    |
|----------------------------|----|----------------------------|----|
| <b>Base Rating</b>         | 75 | <b>Non-Spin Adj.</b>       | 19 |
| <b>Genoa Spin Adj.</b>     | -9 | <b>Genoa Non-Spin Adj.</b> | -9 |
| <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>           | -3 | <b>Spin Pole Adj.</b>      | 0  |
| <b>Committee Signature</b> |    | <b>Date</b>                |    |
| Katherine Rotsky           |    | 02/17/2018                 |    |