

## 2023 PHRF-NB Membership/Rating Certificate

This certificate expires on April 30, 2024, or upon change of ownership, whichever comes first.

**Certificate status:** Published

| Ratings   |               |
|-----------|---------------|
|           | 171           |
| Spinnaker | Non-Spinnaker |

### Administrative Data

|                         |                                  |
|-------------------------|----------------------------------|
| <b>Name:</b>            | Louis A. Sousa and Matthew Hayes |
| <b>Address:</b>         | Privacy Protected                |
| <b>Email:</b>           |                                  |
| <b>Primary Phone:</b>   |                                  |
| <b>Secondary Phone:</b> |                                  |
| <b>Yacht Club:</b>      | Bristol                          |

### Yacht

|   |  |
|---|--|
| <b>Yacht Name:</b> Victoria               | <b>Sail Number:</b> 287                    |
| <b>Designer:</b> Carl Schumacher          |  |
| <b>Manufacturer:</b> Tillotson Pearson    | <b>Model:</b> ALERION EXPRESS 28-2 (150 +) |
| <b>Hull Serial Number:</b> TTSPAE2871405¶ | <b>Date Manufactured:</b> 2005             |
| <b>Other Ratings:</b>                     | <b>Date Last Rated:</b>                    |

### Boat Measurements

|  |                            |                       |
|--|----------------------------|-----------------------|
| <b>I:</b> 30                             | <b>J:</b> 9.75             | <b>LOA:</b> 28.25     |
| <b>P:</b> 33                             | <b>E:</b> 12.5             | <b>LWL:</b> 22.82     |
| <b>ISP:</b> 30                           | <b>SPL:</b> 9.5            | <b>Draft:</b> Max 4.5 |
| <b>Py:</b>                               | <b>Ey:</b>                 |                       |
| <b>Beam:</b> 8.2                         | <b>Displacement:</b> 5700  |                       |
| <b>Rig Type:</b> Sloop                   | <b>Rig:</b> Fractional     |                       |
| <b>Keel Weight:</b> 2250                 | <b>Keel Material:</b> Lead |                       |
| <b>Composite Rigging:</b> no             | <b>Other Ballast:</b>      |                       |
| <b>Mast Material:</b> Carbon             | <b>Spinnaker Type(s):</b>  |                       |
| <b>Asymmetrical Spinnaker Tacked To:</b> |                            |                       |

### Sails

| Headsails to be used (LP%) |    | Mainsail Measurements |  |
|----------------------------|----|-----------------------|--|
| <b>Headsail 1</b>          | 95 | <b>MHB</b>            |  |
| <b>Headsail 2</b>          |    | <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> |    |     |      |      |       |
| <b>Spin 2</b> |    |     |      |      |       |
| <b>Spin 3</b> |    |     |      |      |       |
| <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> Strut/Bulb    |

### Comments/Modifications

2022- No spinnaker onboard. Revision #1 Added 135% headsail +6.  
2023- Reduced headsail +9/+12.  
2024- New change in base rating 165 to include smaller headsail and roller furler. disp 5700 ballast 2200. Boat is 28-2 Model.

### Committee Use Only

| PHRF #: 17676              |             |                            |    |
|----------------------------|-------------|----------------------------|----|
| <b>Base Rating</b>         | 141         | <b>Non-Spin Adj.</b>       | 15 |
| <b>Genoa Spin Adj.</b>     | 9           | <b>Genoa Non-Spin Adj.</b> | 12 |
| <b>Mainsail Adj.</b>       | 0           | <b>Furling Adj.</b>        | 3  |
| <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> |                            |    |
| Donald S Kern              | 2023-06-17  |                            |    |