

## 2024 PHRF-NB Membership/Rating Certificate

This certificate expires on April 30, 2025, or upon change of ownership, whichever comes first.

Certificate status: **Published**

| Ratings   |               |
|-----------|---------------|
| 184       | 184           |
| Spinnaker | Non-Spinnaker |

### Administrative Data

|                         |                     |
|-------------------------|---------------------|
| <b>Name:</b>            | Borden, Christopher |
| <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> Mystic                  | <b>Sail Number:</b> 42619         |
| <b>Designer:</b> Bruce King                |                                   |
| <b>Manufacturer:</b> Ericson               | <b>Model:</b> ERICSON 32-3        |
| <b>Hull Serial Number:</b><br>ERy32609M85A | <b>Date Manufactured:</b><br>1985 |
| <b>Other Ratings:</b>                      | <b>Date Last Rated:</b>           |

### Boat Measurements

|   |   |                        |
|---|---|------------------------|
| <b>I:</b> 42                                    | <b>J:</b> 13.75                           | <b>LOA:</b> 32.5       |
| <b>P:</b> 36                                    | <b>E:</b> 11.5                            | <b>LWL:</b> 25.83      |
| <b>ISP:</b> 42                                  | <b>SPL:</b> 13.7                          | <b>Draft:</b> Max 6.17 |
| <b>Py:</b>                                      | <b>Ey:</b>                                |                        |
| <b>Beam:</b> 10.83                              | <b>Displacement:</b> 9800                 |                        |
| <b>Rig Type:</b> Sloop                          | <b>Rig:</b> Masthead                      |                        |
| <b>Keel Weight:</b> 4200                        | <b>Keel Material:</b> Lead                |                        |
| <b>Composite Rigging:</b> no                    | <b>Other Ballast:</b>                     |                        |
| <b>Mast Material:</b> Aluminum                  | <b>Spinnaker Type(s):</b><br>Asymmetrical |                        |
| <b>Asymmetrical Spinnaker Tacked To:</b> fsprit |   |                        |

### Sails

| Headsails to be used (LP%) |     | Mainsail Measurements |  |
|----------------------------|-----|-----------------------|--|
| <b>Headsail 1</b>          | 155 | <b>MHB</b>            |  |
| <b>Headsail 2</b>          | 110 | <b>MUW</b>            |  |
| <b>Headsail 3</b>          | 0   | <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> | 14.25 | 20  | 20.6 | 42.6 | 37.3  |
| <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> Exposed Shaft | <b>Rudder:</b> Spade       |
| <b># of Blades:</b> 2               | <b>Keel:</b> Fin Keel      |

### Comments/Modifications

- 2020- Symmetrical Area -3 as per table D.
- 2022- Converted to Asym and reduced spin area. +18.
- 2023- Asym area +9 plus asym Install +13=+22
- 2024- No changes.

### Committee Use Only

| PHRF #: 18271              |             |                            |    |
|----------------------------|-------------|----------------------------|----|
| <b>Base Rating</b>         | 159         | <b>Non-Spin Adj.</b>       | 22 |
| <b>Genoa Spin Adj.</b>     | 0           | <b>Genoa Non-Spin Adj.</b> | 0  |
| <b>Mainsail Adj.</b>       | 0           | <b>Furling Adj.</b>        | 3  |
| <b>Spin. Area Adj.</b>     | 22          | <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           | 2024-05-29  |                            |    |