

## 2022 PHRF-NB Membership/Rating Certificate

This certificate expires on April 30, 2023, or upon change of ownership, whichever comes first.

**Certificate status: Renewed**

| Ratings   |               |
|-----------|---------------|
| 40        | 56            |
| Spinnaker | Non-Spinnaker |

### Administrative Data

|                         |                     |
|-------------------------|---------------------|
| <b>Name:</b>            | Mike Toppa          |
| <b>Address:</b>         | Privacy Protected   |
| <b>Email:</b>           |                     |
| <b>Primary Phone:</b>   |                     |
| <b>Secondary Phone:</b> |                     |
| <b>Yacht Club:</b>      | New York Yacht Club |

### Yacht

|   |                                |
|---|--------------------------------|
| <b>Yacht Name:</b> Cavalino               | <b>Sail Number:</b> US-2       |
| <b>Designer:</b> Stephens, Waring & White |                                |
| <b>Manufacturer:</b> Brooklin Boat Yard   | <b>Model:</b> W-37             |
| <b>Hull Serial Number:</b> 1              | <b>Date Manufactured:</b> 2010 |
| <b>Other Ratings:</b>                     | <b>Date Last Rated:</b>        |

### Boat Measurements

|   |  |                     |
|---|--|---------------------|
| <b>I:</b> 42.75                                 | <b>J:</b> 11.33                            | <b>LOA:</b> 37      |
| <b>P:</b> 49                                    | <b>E:</b> 17.5                             | <b>LWL:</b> 33.25   |
| <b>ISP:</b> 54.25                               | <b>SPL:</b> 0                              | <b>Draft:</b> Max 8 |
| <b>Py:</b>                                      | <b>Ey:</b>                                 |                     |
| <b>Beam:</b> 11.75                              | <b>Displacement:</b> 8000                  |                     |
| <b>Rig Type:</b> Sloop                          | <b>Rig:</b> Fractional                     |                     |
| <b>Keel Weight:</b> 3286                        | <b>Keel Material:</b> Steel fin, lead bulb |                     |
| <b>Composite Rigging:</b> no                    | <b>Other Ballast:</b>                      |                     |
| <b>Mast Material:</b> Carbon                    | <b>Spinnaker Type(s):</b> Asymmetrical     |                     |
| <b>Asymmetrical Spinnaker Tacked To:</b> fsprit |  |                     |

### Sails

| Headsails to be used (LP%) |     | Mainsail Measurements |       |
|----------------------------|-----|-----------------------|-------|
| <b>Headsail 1</b>          | 117 | <b>MHB</b>            | 0.27  |
| <b>Headsail 2</b>          |     | <b>MUW</b>            | 6.29  |
| <b>Headsail 3</b>          |     | <b>MTW</b>            | 10.3  |
| <b>Headsail 4</b>          |     | <b>MHW</b>            | 14.37 |
|                            |     | <b>MQW</b>            | 16.37 |

### Spinnakers to be used

| Spin #        | JC   | SMG   | Foot  | Luff  | Leech |
|---------------|------|-------|-------|-------|-------|
| <b>Spin 1</b> | 18.4 | 34.18 | 31.69 | 60.53 | 50.88 |
| <b>Spin 2</b> |      |       |       |       |       |
| <b>Spin 3</b> |      |       |       |       |       |
| <b>Code 0</b> |      |       |       |       |       |

**Headsail Credit:** n/a

### 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

2010 - JC (to fitting on bowsprit) is 18.4. Certificate is PROVISIONAL at this time.  
 2019 - penalty code0 - minus 7. No credit for furler. Converted square top main to a more traditional cut main. Credit +2. Revision #1 Removed Code Zero from sail inventory .  
 2020- Fathead main trimmed down +2. Asym area over sized 19%, -4.  
 2022- No changes.

### Committee Use Only

| PHRF #: 16823              |             |                            |    |
|----------------------------|-------------|----------------------------|----|
| <b>Base Rating</b>         | 42          | <b>Non-Spin Adj.</b>       | 12 |
| <b>Genoa Spin Adj.</b>     | 0           | <b>Genoa Non-Spin Adj.</b> | 0  |
| <b>Mainsail Adj.</b>       | 2           | <b>Furling Adj.</b>        | 0  |
| <b>Spin. Area Adj.</b>     | -4          | <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           | 06/08/2022  |                            |    |