

## 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

|           |               |
|-----------|---------------|
| 87        | 109           |
| Spinnaker | Non-Spinnaker |

### Administrative Data

|                         |                   |
|-------------------------|-------------------|
| <b>Name:</b>            | Mouligne, Tristan |
| <b>Address:</b>         | Privacy Protected |
| <b>Email:</b>           |                   |
| <b>Primary Phone:</b>   |                   |
| <b>Secondary Phone:</b> |                   |
| <b>Yacht Club:</b>      | New York YC       |

### Boat Measurements

|                                                 |                                        |                       |
|-------------------------------------------------|----------------------------------------|-----------------------|
| <b>I:</b> 41                                    | <b>J:</b> 10.6                         | <b>LOA:</b> 30        |
| <b>P:</b> 39                                    | <b>E:</b> 14                           | <b>LWL:</b> 27.5      |
| <b>ISP:</b> 44.3                                | <b>SPL:</b> 17.1                       | <b>Draft:</b> Max 6.9 |
| <b>Py:</b>                                      | <b>Ey:</b>                             |                       |
| <b>Beam:</b> 11.5                               | <b>Displacement:</b> 6650              |                       |
| <b>Rig Type:</b> Carbon mast - sloop            | <b>Rig:</b> Fractional                 |                       |
| <b>Keel Weight:</b> 1675                        | <b>Keel Material:</b> Lead             |                       |
| <b>Composite Rigging:</b> yes                   | <b>Other Ballast:</b>                  |                       |
| <b>Mast Material:</b> Carbon                    | <b>Spinnaker Type(s):</b> Asymmetrical |                       |
| <b>Asymmetrical Spinnaker Tacked To:</b> rsprit |                                        |                       |

### Variables

|                         |                         |
|-------------------------|-------------------------|
| <b>Engine:</b> Outboard | <b>Prop. Type:</b>      |
| <b>Prop. Install:</b>   | <b>Rudder:</b> Outboard |
| <b># of Blades:</b> 0   | <b>Keel:</b> Fin Keel   |

### Yacht

|                                        |                                |
|----------------------------------------|--------------------------------|
| <b>Yacht Name:</b> Samba - Solo/DH     | <b>Sail Number:</b> 301        |
| <b>Designer:</b> Rodger Martin         |                                |
| <b>Manufacturer:</b> Holby Marine      | <b>Model:</b> Quest 30         |
| <b>Hull Serial Number:</b> HO112943001 | <b>Date Manufactured:</b> 1994 |
| <b>Other Ratings:</b>                  | <b>Date Last Rated:</b>        |

### Sails

| Headsails to be used (LP%) |     | Mainsail Measurements |       |
|----------------------------|-----|-----------------------|-------|
| <b>Headsail 1</b>          | 102 | <b>MHB</b>            | 0.26  |
| <b>Headsail 2</b>          |     | <b>MUW</b>            | 3.9   |
| <b>Headsail 3</b>          |     | <b>MTW</b>            | 6.82  |
| <b>Headsail 4</b>          |     | <b>MHW</b>            | 10.73 |
|                            |     | <b>MQW</b>            | 12.73 |

### Spinnakers to be used

| Spin #        | JC   | SMG   | Foot  | Luff  | Leech |
|---------------|------|-------|-------|-------|-------|
| <b>Spin 1</b> | 17.1 | 30.87 | 30.87 | 50.2  | 45.54 |
| <b>Spin 2</b> | 0    | 0     | 0     | 0     | 0     |
| <b>Spin 3</b> | 17.1 | 16.21 | 21.59 | 46.98 | 41.5  |
| <b>Code 0</b> |      |       |       |       |       |

**Headsail Credit:** n/a

### Comments/Modifications

Asym.Spin.flown from masthead. 1997 - Double rudders replaced by single rudder - M= -3; 2006 Added carbon shrouds (wt. savings App 8 lbs) increased windage= -1 -net Misc= -4

Standard Mainsail Girths: MHB=.5' MUW=3.93' MTW=6.95' MHW=10.89' MQW=13.21'

2021 -Replaced damaged stainless steel rod headstay with carbon composite headstay. Asym Area Install -3.

2022- decreased genoa size.

### Committee Use Only

| PHRF #: 16515              |             |                            |    |
|----------------------------|-------------|----------------------------|----|
| <b>Base Rating</b>         | 84          | <b>Non-Spin Adj.</b>       | 17 |
| <b>Genoa Spin Adj.</b>     | 9           | <b>Genoa Non-Spin Adj.</b> | 12 |
| <b>Mainsail Adj.</b>       | 0           | <b>Furling Adj.</b>        | 0  |
| <b>Spin. Area Adj.</b>     | -2          | <b>Whisker Pole Adj.</b>   | 0  |
| <b>Prop. Adjustment</b>    | 0           |                            |    |
| <b>Mast Adj.</b>           | 0           | <b>Misc. Adj.</b>          | -4 |
| <b>Committee Signature</b> | <b>Date</b> |                            |    |
| Katherine Rotsky           | 04/26/2022  |                            |    |