

## 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   |               |
|-----------|---------------|
| 53        | 75            |
| Spinnaker | Non-Spinnaker |

### Administrative Data

|                         |                   |
|-------------------------|-------------------|
| <b>Name:</b>            | Johnston, Todd    |
| <b>Address:</b>         | Privacy Protected |
| <b>Email:</b>           |                   |
| <b>Primary Phone:</b>   |                   |
| <b>Secondary Phone:</b> |                   |
| <b>Yacht Club:</b>      | East Greenwich YC |

### Yacht

|  |                                |
|--|--------------------------------|
| <b>Yacht Name:</b> Goat Rodeo            | <b>Sail Number:</b> 52218      |
| <b>Designer:</b> R/P                     |                                |
| <b>Manufacturer:</b> Seaquest Yachts     | <b>Model:</b> Seaquest 36      |
| <b>Hull Serial Number:</b> GBSQY3600A402 | <b>Date Manufactured:</b> 2002 |
| <b>Other Ratings:</b>                    | <b>Date Last Rated:</b>        |
| <b>Previous Name:</b>                    | <b>Previous Location:</b>      |

### Boat Measurements

|   |  |                        |
|---|--|------------------------|
| <b>I:</b> 46.1                                  | <b>J:</b> 13.12                        | <b>LOA:</b> 36         |
| <b>P:</b> 47.54                                 | <b>E:</b> 18                           | <b>LWL:</b> 32.8       |
| <b>ISP:</b> 50.8                                | <b>SPL:</b> 17.05                      | <b>Draft:</b> Max 7.21 |
| <b>Py:</b>                                      | <b>Ey:</b>                             |                        |
| <b>Beam:</b> 10.82                              | <b>Displacement:</b> 11176             |                        |
| <b>Rig Type:</b> Sloop aluminum                 | <b>Rig:</b> Fractional                 |                        |
| <b>Keel Weight:</b> 5500                        | <b>Keel Material:</b> Lead/steel       |                        |
| <b>Composite Rigging:</b> no                    | <b>Other Ballast:</b>                  |                        |
| <b>Mast Material:</b> Aluminum                  | <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>          | 105 | <b>MHB</b>            |  |
| <b>Headsail 2</b>          | 101 | <b>MUW</b>            |  |
| <b>Headsail 3</b>          | 91  | <b>MTW</b>            |  |
| <b>Headsail 4</b>          | 0   | <b>MHW</b>            |  |
|                            |     | <b>MQW</b>            |  |

**Non-Overlapping Headsail Standard:**

### Spinnakers to be used

| Spin #        | JC    | SMG   | Foot  | Luff  | Leech |
|---------------|-------|-------|-------|-------|-------|
| <b>Spin 1</b> | 17.05 | 26    | 30.6  | 55.75 | 49    |
| <b>Spin 2</b> | 17.05 | 30.6  | 30.85 | 57.56 | 49.89 |
| <b>Spin 3</b> | 17.05 | 24.55 | 30.1  | 53.81 | 48.52 |
| <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> 3            | <b>Keel:</b> Fin Keel      |

### Comments/Modifications

2011: Increased ISP 10% = -4; Added fixed bow2sprit 30%= Asym= +9 - Bow Sprit -9 = 0 Rating is provisional 2012: New rudder built on old post. Area increased by 49%.old .496m/new .74ms..see attached diagram. Weight increased from 47 lbs to 57 lbs. M=-1 sec. 2013: New #2 spinnaker recorded. 2014: Base rating changed +3 to 57 on 5/19/14. 2015: Base rating changed +3 to 60 on 5/27/15. 2018-Asym credit +7, bow sprit -9 = -2. ISP -4 + Asym -2 = -6.

### Committee Use Only

| PHRF #: 12723              |             |                            |    |
|----------------------------|-------------|----------------------------|----|
| <b>Base Rating</b>         | 60          | <b>Non-Spin Adj.</b>       | 16 |
| <b>Genoa Spin Adj.</b>     | 0           | <b>Genoa Non-Spin Adj.</b> | 0  |
| <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>          | -1 |
| <b>Asym Adj.</b>           | -6          | <b>Spin Pole Adj.</b>      | 0  |
| <b>Committee Signature</b> | <b>Date</b> |                            |    |
| Katherine Rotsky           | 02/23/2018  |                            |    |