

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 | |
|-----------|---------------|
| 53 | 66 |
| Spinnaker | Non-Spinnaker |

Administrative Data

| | |
|-------------------------|-------------------|
| Name: | Balloch, Hugh |
| Address: | Privacy Protected |
| Email: | |
| Primary Phone: | |
| Secondary Phone: | |
| Yacht Club: | Conanicut YC |

Yacht

| | |
|----------------------------------|--------------------------------|
| Yacht Name: Dragon | Sail Number: 52948 |
| Designer: Frers | |
| Manufacturer: Nautor Swan | Model: Swan 48 -2 |
| Hull Serial Number: 156 | Date Manufactured: 2003 |
| Other Ratings: IRC 1.07 | Date Last Rated: |

Boat Measurements

| | | |
|---|--|-----------------------|
| I: 64.8 | J: 18.2 | LOA: 48.5 |
| P: 59.22 | E: 19 | LWL: 41 |
| ISP: 66.65 | SPL: 18.2 | Draft: Max 7.8 |
| Py: | Ey: | |
| Beam: 14.1 | Displacement: 30900 | |
| Rig Type: Sloop | Rig: Masthead | |
| Keel Weight: 12100 | Keel Material: Lead | |
| Composite Rigging: no | Other Ballast: None | |
| Mast Material: Carbon | Spinnaker Type(s): Asymmetrical | |
| Asymmetrical Spinnaker Tacked To: fsprit | | |

Sails

| Headsails to be used (LP%) | | Mainsail Measurements | |
|----------------------------|-----|-----------------------|--|
| Headsail 1 | 135 | MHB | |
| Headsail 2 | 100 | MUW | |
| Headsail 3 | 0 | MTW | |
| Headsail 4 | 0 | MHW | |
| | | MQW | |

Spinnakers to be used

| Spin # | JC | SMG | Foot | Luff | Leech |
|---------------|-------|------|-------|-------|-------|
| Spin 1 | 20.47 | 35.5 | 31.69 | 70.8 | 58.33 |
| Spin 2 | 20.47 | 24.6 | 32.81 | 65.62 | 64.8 |
| Spin 3 | | | | | |
| Code 0 | | | | | |

Headsail Credit: Roller Furling

Variables

| | |
|-------------------------------------|-------------------------------|
| Engine: Inboard | Prop. Type: Feathering |
| Prop. Install: Exposed Shaft | Rudder: Spade |
| # of Blades: 3 | Keel: Fin Keel |

Comments/Modifications

2009: Weight for IRC =35,126 empty & 37,154 loaded..Equipment includes bow thruster, power winches, etc. -- No change in rating. 2015:Changed to 134.9% genoa by Z Sails 2016: New mainsail by Doyle - No change in rating
2019- Minus 4 distance forward of the headstay
2019-Revision#1 remove symmetrical spinnakers from sail inventory. Asym adjustment +9 minus distance forward -4 = +5
2020-Asym reto area -2 plus asym retro install +9 = +7.
2021: -2 for Carbon mast addition.

Committee Use Only

| PHRF #: 16909 | | | |
|----------------------------|----|----------------------------|----|
| Base Rating | 39 | Non-Spin Adj. | 20 |
| Genoa Spin Adj. | 6 | Genoa Non-Spin Adj. | 6 |
| Mainsail Adj. | 0 | Furling Adj. | 3 |
| Spin. Area Adj. | 7 | Whisker Pole Adj. | 0 |
| Prop. Adjustment | 0 | | |
| Mast Adj. | 0 | Misc. Adj. | -2 |
| Committee Signature | | Date | |
| Museler, William | | 07/15/2021 | |