

## 2023 PHRF-NB Membership/Rating Certificate

This certificate expires on April 30, 2024, or upon change of ownership, whichever comes first.

**Certificate status:** Published

### Ratings

|           |               |
|-----------|---------------|
| 76        | 95            |
| Spinnaker | Non-Spinnaker |

### Administrative Data

|                         |                   |
|-------------------------|-------------------|
| <b>Name:</b>            | Roger Lowlicht    |
| <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> Dark Star   | <b>Sail Number:</b> 53194      |
| <b>Designer:</b> Bob Evelyn    |                                |
| <b>Manufacturer:</b> C&C       | <b>Model:</b> EVELYN 32-MOD    |
| <b>Hull Serial Number:</b> 324 | <b>Date Manufactured:</b> 1983 |
| <b>Other Ratings:</b>          | <b>Date Last Rated:</b>        |

### Boat Measurements

|  |  |                        |
|--|--|------------------------|
| <b>I:</b> 38                             | <b>J:</b> 12.7                           | <b>LOA:</b> 32         |
| <b>P:</b> 36.25                          | <b>E:</b> 13.8                           | <b>LWL:</b> 28.21      |
| <b>ISP:</b> 41                           | <b>SPL:</b> 12.7                         | <b>Draft:</b> Max 7.03 |
| <b>Py:</b>                               | <b>Ey:</b>                               |                        |
| <b>Beam:</b> 9.75                        | <b>Displacement:</b> 4725                |                        |
| <b>Rig Type:</b> Sloop                   | <b>Rig:</b> Fractional                   |                        |
| <b>Keel Weight:</b> 1714                 | <b>Keel Material:</b> Lead               |                        |
| <b>Composite Rigging:</b> no             | <b>Other Ballast:</b>                    |                        |
| <b>Mast Material:</b> Carbon             | <b>Spinnaker Type(s):</b><br>Symmetrical |                        |
| <b>Asymmetrical Spinnaker Tacked To:</b> |  |                        |

### Sails

| Headsails to be used (LP%) |     | Mainsail Measurements |      |
|----------------------------|-----|-----------------------|------|
| <b>Headsail 1</b>          | 144 | <b>MHB</b>            | 0.5  |
| <b>Headsail 2</b>          |     | <b>MUW</b>            | 2.96 |
| <b>Headsail 3</b>          |     | <b>MTW</b>            | 5.22 |
| <b>Headsail 4</b>          |     | <b>MHW</b>            | 8.96 |
|                            |     | <b>MQW</b>            | 11.6 |

### Spinnakers to be used

| Spin #        | JC | SMG   | Foot | Luff  | Leech |
|---------------|----|-------|------|-------|-------|
| <b>Spin 1</b> | 0  | 22.85 | 22.4 | 40.75 | 40.75 |
| <b>Spin 2</b> |    |       |      |       |       |
| <b>Spin 3</b> | 0  | 0     | 0    | 0     | 0     |
| <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> Strut/Bulb    |

### Comments/Modifications

2007-New E measurement=13.8 = -3 2008-No Asym.  
2009:Carbon Mast&Boom= -3;Composite rigging=-1;'P' Increase of 3' = -3 ;'ISP' Increase of 3' = -3; Total Misc = -13 ;LP Reduced to 145= +3; Weight is about 800 lbs heavier than original design wt of 450  
2021- Dark Star re-classified as E32-2 CUST with Base Rating of 72 in current condition w/ new inboard engine. - WJM  
2022- Documented sail measurements. +3 Genoa, plus Main  
2023-No changes.

### Committee Use Only

| PHRF #: 17643              |             |                            |    |
|----------------------------|-------------|----------------------------|----|
| <b>Base Rating</b>         | 72          | <b>Non-Spin Adj.</b>       | 19 |
| <b>Genoa Spin Adj.</b>     | 3           | <b>Genoa Non-Spin Adj.</b> | 3  |
| <b>Mainsail Adj.</b>       | 1           | <b>Furling Adj.</b>        | 0  |
| <b>Spin. Area Adj.</b>     | 0           | <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           | 2023-06-07  |                            |    |