

## 2017 PHRF-NB Membership/Rating Certificate

This certificate expires on April 30, 2018, or upon change of ownership, whichever comes first.

**Certificate status:** Published

### Ratings

|           |               |
|-----------|---------------|
| 136       | 148           |
| Spinnaker | Non-Spinnaker |

### Administrative Data

|                         |                     |
|-------------------------|---------------------|
| <b>Name:</b>            | Frery, Stephen R.   |
| <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> Arion                 | <b>Sail Number:</b> 234                   |
| <b>Designer:</b> Sidney Herreshoff       |   |
| <b>Manufacturer:</b> Dyer (Anchor.Plant) | <b>Model:</b> Herreshoff,S 42 CTM (Arion) |
| <b>Hull Serial Number:</b> DAM00128F101  | <b>Date Manufactured:</b> 1951            |
| <b>Other Ratings:</b>                    | <b>Date Last Rated:</b>                   |

### Boat Measurements

|  |  |                       |
|--|--|-----------------------|
| <b>I:</b> 37.75                              | <b>J:</b> 12.83                        | <b>LOA:</b> 42        |
| <b>P:</b> 38.5                               | <b>E:</b> 14.67                        | <b>LWL:</b> 37.92     |
| <b>ISP:</b> 38.33                            | <b>SPL:</b> 0                          | <b>Draft:</b> Max 5.5 |
| <b>Py:</b>                                   | <b>Ey:</b>                             |                       |
| <b>Beam:</b> 8.08                            | <b>Displacement:</b> 11815             |                       |
| <b>Rig Type:</b> Ketch                       | <b>Rig:</b> Fractional                 |                       |
| <b>Keel Weight:</b> 4400                     | <b>Keel Material:</b> Lead             |                       |
| <b>Composite Rigging:</b> no                 | <b>Other Ballast:</b>                  |                       |
| <b>Mast Material:</b>                        | <b>Spinnaker Type(s):</b> Asymmetrical |                       |
| <b>Asymmetrical Spinnaker Tacked To:</b> bow |  |                       |

### Sails

| Headsails to be used (LP%) |     | Mainsail Measurements |  |
|----------------------------|-----|-----------------------|--|
| <b>Headsail 1</b>          | 108 | <b>MHB</b>            |  |
| <b>Headsail 2</b>          | 85  | <b>MUW</b>            |  |
| <b>Headsail 3</b>          | 136 | <b>MTW</b>            |  |
| <b>Headsail 4</b>          | 0   | <b>MHW</b>            |  |
|                            |     | <b>MQW</b>            |  |

### Spinnakers to be used

| Spin #        | JC    | SMG  | Foot | Luff | Leech |
|---------------|-------|------|------|------|-------|
| <b>Spin 1</b> | 13.78 | 21.8 | 23.4 | 40.7 | 35.8  |
| <b>Spin 2</b> |       |      |      |      |       |
| <b>Spin 3</b> |       |      |      |      |       |
| <b>Code 0</b> |       |      |      |      |       |

**Headsail Credit:** Cruising Headsail

### Variables

|                                     |                               |
|-------------------------------------|-------------------------------|
| <b>Engine:</b> Inboard              | <b>Prop. Type:</b> Feathering |
| <b>Prop. Install:</b> Exposed Shaft | <b>Rudder:</b> Spade          |
| <b># of Blades:</b> 2               | <b>Keel:</b> Fin Keel         |

### Comments/Modifications

2012:add 136 jib= -1; asym. Spin tacked to bow forward of headstay -3 (.95)= +6  
2016- Increased weight = +5

### Committee Use Only

| PHRF #: 12625              |     |                            |    |
|----------------------------|-----|----------------------------|----|
| <b>Base Rating</b>         | 120 | <b>Non-Spin Adj.</b>       | 18 |
| <b>Genoa Spin Adj.</b>     | -1  | <b>Genoa Non-Spin Adj.</b> | -1 |
| <b>Mainsail Adj.</b>       | 0   | <b>Furling Adj.</b>        | 6  |
| <b>Spin. Area Adj.</b>     |     | <b>Whisker Pole Adj.</b>   |    |
| <b>Prop. Adjustment</b>    | 0   |                            |    |
| <b>Mast Adj.</b>           | 0   | <b>Misc. Adj.</b>          | 5  |
| <b>Asym Adj.</b>           | 6   | <b>Spin Pole Adj.</b>      | 0  |
| <b>Committee Signature</b> |     | <b>Date</b>                |    |
| Donald S Kern              |     | 2017-08-31                 |    |