

## 2024 PHRF-NB Membership/Rating Certificate

This certificate expires on April 30, 2025, or upon change of ownership, whichever comes first.

**Certificate status: Published**

Ratings	
139	148
Spinnaker	Non-Spinnaker

### Administrative Data

<b>Name:</b>	Frary, 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.Plast)	<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>
<b>Previous Name:</b>	<b>Previous Location:</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> 26.33	<b>Ey:</b> 10.92	
<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> Wood	<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>	136	<b>MHB</b>	
<b>Headsail 2</b>	85	<b>MUW</b>	
<b>Headsail 3</b>	108	<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>	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  
2024-Asym Retro Install Adj +9. Revised Py and Ey measurement

### Committee Use Only

PHRF #: 18357			
<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>	9	<b>Whisker Pole Adj.</b>	0
<b>Prop. Adjustment</b>	0		
<b>Mast Adj.</b>	0	<b>Misc. Adj.</b>	5
<b>Committee Signature</b>		<b>Date</b>	
Katherine Rotsky		2024-06-17	