

## 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	
127	141
Spinnaker	Non-Spinnaker

### Administrative Data

<b>Name:</b>	Gervais, Mark
<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> Solstice	<b>Sail Number:</b> 61385
<b>Designer:</b> German Frers	
<b>Manufacturer:</b> Hylas	<b>Model:</b> HYLAS 46
<b>Hull Serial Number:</b> HSY46068G910	<b>Date Manufactured:</b> 2010
<b>Other Ratings:</b> ORR	<b>Date Last Rated:</b>

### Boat Measurements

<b>I:</b> 58.94	<b>J:</b> 17.91	<b>LOA:</b> 46.25
<b>P:</b> 50.68	<b>E:</b> 19.65	<b>LWL:</b> 40
<b>ISP:</b> 58.94	<b>SPL:</b> 0	<b>Draft:</b> Max 6.84
<b>Py:</b>	<b>Ey:</b>	
<b>Beam:</b> 13.71	<b>Displacement:</b> 37772	
<b>Rig Type:</b> Cutter	<b>Rig:</b> Masthead	
<b>Keel Weight:</b> 12347	<b>Keel Material:</b> Lead	
<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> rsprit		

### Sails

Headsails to be used (LP%)		Mainsail Measurements	
<b>Headsail 1</b>	110	<b>MHB</b>	0.41
<b>Headsail 2</b>		<b>MUW</b>	3.51
<b>Headsail 3</b>		<b>MTW</b>	3.51
<b>Headsail 4</b>		<b>MHW</b>	11.54
		<b>MQW</b>	15.65

### Spinnakers to be used

Spin #	JC	SMG	Foot	Luff	Leech
<b>Spin 1</b>	20	20.04	31.6	57	49.7
<b>Spin 2</b>					
<b>Spin 3</b>					
<b>Code 0</b>	20	17.89	29.9	57	49.7

**Headsail Credit:** Cruising Headsail

### Variables

<b>Engine:</b> Inboard	<b>Prop. Type:</b> Feathering
<b>Prop. Install:</b> Exposed Shaft	<b>Rudder:</b> Skeg
<b># of Blades:</b> 3	<b>Keel:</b> Fin Keel

### Comments/Modifications

- 2022- Reaching headsail -5, Main +4. Cruising amenities included in base rating.
- 2023- Asym retro Install Adj +14 minus reaching headsail -5 = +9.
- 2024-Removed one spin from inventory. No other changes.

### Committee Use Only

PHRF #: 18076			
<b>Base Rating</b>	99	<b>Non-Spin Adj.</b>	20
<b>Genoa Spin Adj.</b>	9	<b>Genoa Non-Spin Adj.</b>	12
<b>Mainsail Adj.</b>	4	<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>	0
<b>Committee Signature</b>	<b>Date</b>		
Katherine Rotsky	2024-05-01		