

## 2024 PHRF-NB Membership/Rating Certificate

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

**Certificate status: Provisional**

Ratings	
71	80
Spinnaker	Non-Spinnaker

### Administrative Data

<b>Name:</b>	Austin Whitman
<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> Mariposa	<b>Sail Number:</b> 60551
<b>Designer:</b> Judel/Vrolik	
<b>Manufacturer:</b> Grand Soleil	<b>Model:</b> Grand Soleil 45 CTM (Mariposa)
<b>Hull Serial Number:</b> IT-CDP45R54D505	<b>Date Manufactured:</b> 2005
<b>Other Ratings:</b>	<b>Date Last Rated:</b>

### Boat Measurements

<b>I:</b> 54.45	<b>J:</b> 16.73	<b>LOA:</b> 44.78
<b>P:</b> 52.31	<b>E:</b> 18.31	<b>LWL:</b> 39.6
<b>ISP:</b> 56.5	<b>SPL:</b> 0	<b>Draft:</b> Max 8.91
<b>Py:</b>	<b>Ey:</b>	
<b>Beam:</b> 14.1	<b>Displacement:</b> 21120	
<b>Rig Type:</b> Sloop	<b>Rig:</b> Fractional	
<b>Keel Weight:</b> 6834	<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> bow		

### Sails

Headsails to be used (LP%)		Mainsail Measurements	
<b>Headsail 1</b>	120	<b>MHB</b>	0.5379
<b>Headsail 2</b>		<b>MUW</b>	3.5211
<b>Headsail 3</b>		<b>MTW</b>	6.4185
<b>Headsail 4</b>		<b>MHW</b>	11.3388
		<b>MQW</b>	15.3879

### Spinnakers to be used

Spin #	JC	SMG	Foot	Luff	Leech
<b>Spin 1</b>	17.38	30.16	31.25	56.8	53.7
<b>Spin 2</b>					
<b>Spin 3</b>					
<b>Code 0</b>					

**Headsail Credit:** Roller Furling

### Variables

<b>Engine:</b> Inboard	<b>Prop. Type:</b> Folding
<b>Prop. Install:</b> Sail Drive	<b>Rudder:</b> Spade
<b># of Blades:</b> 3	<b>Keel:</b> Fin Keel

### Comments/Modifications

2024-Deep keel version. Custom, Short rig, longer keel.  
Asym Retro Install +12, Reduced headsail +9/+11

### Committee Use Only

PHRF #: 18422			
<b>Base Rating</b>	45	<b>Non-Spin Adj.</b>	19
<b>Genoa Spin Adj.</b>	9	<b>Genoa Non-Spin Adj.</b>	11
<b>Mainsail Adj.</b>	2	<b>Furling Adj.</b>	3
<b>Spin. Area Adj.</b>	12	<b>Whisker Pole Adj.</b>	0
<b>Prop. Adjustment</b>	0		
<b>Mast Adj.</b>	0	<b>Misc. Adj.</b>	
<b>Committee Signature</b>	<b>Date</b>		
Katherine Rotsky	2024-07-22		