

## 2022 PHRF-NB Membership/Rating Certificate

This certificate expires on April 30, 2023, or upon change of ownership, whichever comes first.

**Certificate status: Renewed**

Ratings	
90	103
Spinnaker	Non-Spinnaker

### Administrative Data

<b>Name:</b>	Robert Connerney
<b>Address:</b>	Privacy Protected
<b>Email:</b>	
<b>Primary Phone:</b>	
<b>Secondary Phone:</b>	
<b>Yacht Club:</b>	Ida Lewis

### Yacht

<b>Yacht Name:</b> Helios	<b>Sail Number:</b> 13
<b>Designer:</b> Judel/Vrolijk	
<b>Manufacturer:</b> Hanse	<b>Model:</b> Hanse 430e SD
<b>Hull Serial Number:</b> HANMOO36H708	<b>Date Manufactured:</b> 2007
<b>Other Ratings:</b> Boat has 2017 PHRF NB rating but it is in .jpg format and I can't upload this	<b>Date Last Rated:</b>

### Boat Measurements

<b>I:</b> 59.08	<b>J:</b> 15.42	<b>LOA:</b> 43.58
<b>P:</b> 58.08	<b>E:</b> 19.5	<b>LWL:</b> 39.33
<b>ISP:</b> 59.17	<b>SPL:</b> 17.92	<b>Draft:</b> Max 5.66
<b>Py:</b>	<b>Ey:</b>	
<b>Beam:</b> 13.75	<b>Displacement:</b> 22958	
<b>Rig Type:</b> Sloop	<b>Rig:</b> Fractional	
<b>Keel Weight:</b> 7064	<b>Keel Material:</b> Iron	
<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> fsprit		

### Sails

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

### Spinnakers to be used

Spin #	JC	SMG	Foot	Luff	Leech
<b>Spin 1</b>	17.92	22.16	27.75	63.58	56
<b>Spin 2</b>	17.92	25.63	29.91	63.58	54.69
<b>Spin 3</b>					
<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> Fin Keel

### Comments/Modifications

2018-Previous name Maravilha. Added Asym Spinnaker, no pole +9. Revision #1  
2018- Revision 2- Substituted roller furling for cruising headsail.  
2019- Asym Spin +9 minus distance forward -5=4. Increased headsail to 125%, Revision #3.  
2020- Asym Factory Install Area +7. +3 for Iron Shoal Keel vs Lead Deep Draft version.  
2022- No changes.

### Committee Use Only

PHRF #: 17070		
<b>Base Rating</b>	71	<b>Non-Spin Adj.</b> 17
<b>Genoa Spin Adj.</b>	9	<b>Genoa Non-Spin Adj.</b> 12
<b>Mainsail Adj.</b>	0	<b>Furling Adj.</b> 0
<b>Spin. Area Adj.</b>	7	<b>Whisker Pole Adj.</b> 0
<b>Prop. Adjustment</b>	0	
<b>Mast Adj.</b>	0	<b>Misc. Adj.</b> 3
<b>Committee Signature</b>	<b>Date</b>	
Katherine Rotsky	08/04/2022	