

## 2022 PHRF-NB Membership/Rating Certificate

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

**Certificate status: Published**

Ratings	
134	157
Spinnaker	Non-Spinnaker

### Administrative Data

<b>Name:</b>	David Johnson
<b>Address:</b>	Privacy Protected
<b>Email:</b>	
<b>Primary Phone:</b>	
<b>Secondary Phone:</b>	
<b>Yacht Club:</b>	New York Yacht Club

### Boat Measurements

<b>I:</b> 44.58	<b>J:</b> 12.75	<b>LOA:</b> 34.08
<b>P:</b> 42	<b>E:</b> 14.42	<b>LWL:</b> 31.33
<b>ISP:</b> 47	<b>SPL:</b> 12.75	<b>Draft:</b> Max 6.42
<b>Py:</b>	<b>Ey:</b>	
<b>Beam:</b> 11.42	<b>Displacement:</b> 13889	
<b>Rig Type:</b> Sloop	<b>Rig:</b> Fractional	
<b>Keel Weight:</b> 4804	<b>Keel Material:</b> Iron	
<b>Composite Rigging:</b> no	<b>Other Ballast:</b>	
<b>Mast Material:</b> Aluminum	<b>Spinnaker Type(s):</b>	
<b>Asymmetrical Spinnaker Tacked To:</b> fsprit		

### 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

2019- Asym adjustment +9 minus distance forward -2, -7 for under girth spinnaker = -1 Code Zero not to be used with non-spinnaker rating.  
2020- Racing non spin this season. ISP measurement needed for Spin Rating. Spin rating invalid.  
2021- Reaching Headsail -4. Roller furling worked into base rating.  
2022- No changes.

### Yacht

<b>Yacht Name:</b> Lorelei	<b>Sail Number:</b> USA 140
<b>Designer:</b> Judel/Vrolijk	
<b>Manufacturer:</b> Hanse	<b>Model:</b> Hanse 348
<b>Hull Serial Number:</b> hang0021c818	<b>Date Manufactured:</b> April 2018
<b>Other Ratings:</b>	<b>Date Last Rated:</b>

### Sails

Headsails to be used (LP%)		Mainsail Measurements	
<b>Headsail 1</b>	103	<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>	13.45	14.99	23.19	44.13	41.34
<b>Spin 2</b>					
<b>Spin 3</b>					
<b>Code 0</b>					

**Headsail Credit:** n/a

### Committee Use Only

PHRF #: 16883			
<b>Base Rating</b>	138	<b>Non-Spin Adj.</b>	19
<b>Genoa Spin Adj.</b>	0	<b>Genoa Non-Spin Adj.</b>	0
<b>Mainsail Adj.</b>	0	<b>Furling Adj.</b>	0
<b>Spin. Area Adj.</b>	-4	<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	06/10/2022		