

## 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

62	81
Spinnaker	Non-Spinnaker

### Administrative Data

<b>Name:</b>	Ken Read
<b>Address:</b>	Privacy Protected
<b>Email:</b>	
<b>Primary Phone:</b>	
<b>Secondary Phone:</b>	
<b>Yacht Club:</b>	NYYC

### Boat Measurements

<b>I:</b> 40.75	<b>J:</b> 13.66	<b>LOA:</b> 33.16
<b>P:</b> 39.33	<b>E:</b> 14.33	<b>LWL:</b> 29.16
<b>ISP:</b> 44.1	<b>SPL:</b> 0	<b>Draft:</b> Max 6.41
<b>Py:</b>	<b>Ey:</b>	
<b>Beam:</b> 11.16	<b>Displacement:</b> 7416	
<b>Rig Type:</b> Sloop	<b>Rig:</b> Fractional	
<b>Keel Weight:</b> 3096	<b>Keel Material:</b> Lead	
<b>Composite Rigging:</b> no	<b>Other Ballast:</b> Yes, water ballast same as the 2020 cert	
<b>Mast Material:</b> Carbon	<b>Spinnaker Type(s):</b> Asymmetrical	
<b>Asymmetrical Spinnaker Tacked To:</b> fsprit		

### Variables

<b>Engine:</b> Inboard	<b>Prop. Type:</b> Folding
<b>Prop. Install:</b> Exposed Shaft	<b>Rudder:</b> Spade
<b># of Blades:</b> 2	<b>Keel:</b> Fin Keel

### Comments/Modifications

2020--Base rating includes water ballast-Prototype designation due to original spec Main sail area 9% less than developed area of 396 sq ft. +3. Owner declared removal of 103 lbs including marine head for an adjustment of -1 plus Adj for no water ballast +6= +5. Shorter JC noted for Prototype.

2021- Standard Class Main Area 396. sq feet.=0, Asym Factory Install Area = 0. With Water Ballast -6.

Head removal -1 plus water ballast -6.

2022- No change.

### Yacht

<b>Yacht Name:</b> Alchemist.	<b>Sail Number:</b> 4
<b>Designer:</b> Andrieu / Verdier	
<b>Manufacturer:</b> Jeanneau	<b>Model:</b> Sunfast 3300 Prototype
<b>Hull Serial Number:</b> 4	<b>Date Manufactured:</b> 2019
<b>Other Ratings:</b> ORC	<b>Date Last Rated:</b>

### Sails

Headsails to be used (LP%)		Mainsail Measurements	
<b>Headsail 1</b>	100	<b>MHB</b>	4.76
<b>Headsail 2</b>	92	<b>MUW</b>	5.64
<b>Headsail 3</b>		<b>MTW</b>	7.53
<b>Headsail 4</b>		<b>MHW</b>	10.3
		<b>MQW</b>	12.55

### Spinnakers to be used

Spin #	JC	SMG	Foot	Luff	Leech
<b>Spin 1</b>	16.94	28.54	27.53	51.18	43.24
<b>Spin 2</b>					
<b>Spin 3</b>					
<b>Code 0</b>					

**Headsail Credit:** n/a

### Committee Use Only

PHRF #: 16374			
<b>Base Rating</b>	63	<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>	0	<b>Whisker Pole Adj.</b>	0
<b>Prop. Adjustment</b>	0		
<b>Mast Adj.</b>	0	<b>Misc. Adj.</b>	-1
<b>Committee Signature</b>	<b>Date</b>		
Katherine Rotsky	03/29/2022		