

## 2020 PHRF-NB Membership/Rating Certificate

This certificate expires on April 30, 2021, or upon change of ownership, whichever comes first.

**Certificate status: Renewed**

Ratings	
63	84
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
<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. Shorter JC noted for Prototype. Revision #1 error in rating, removed water ballast adj.

### 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>	3.14
<b>Headsail 2</b>	92	<b>MUW</b>	4.56
<b>Headsail 3</b>		<b>MTW</b>	6.49
<b>Headsail 4</b>		<b>MHW</b>	9.48
		<b>MQW</b>	11.9

### Spinnakers to be used

Spin #	JC	SMG	Foot	Luff	Leech
<b>Spin 1</b>	16.94	29.66	27.7	50.5	43.6
<b>Spin 2</b>	16.94	15.74	20.71	50.1	48.74
<b>Spin 3</b>					
<b>Code 0</b>					

**Headsail Credit:** n/a

### Committee Use Only

PHRF #: 14960			
<b>Base Rating</b>	66	<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>		<b>Whisker Pole Adj.</b>	
<b>Prop. Adjustment</b>	0		
<b>Mast Adj.</b>	0	<b>Misc. Adj.</b>	-1
<b>Asym Adj.</b>	-2	<b>Spin Pole Adj.</b>	0
<b>Committee Signature</b>		<b>Date</b>	
<i>Museler, William</i>		07/10/2020	