

## 2024 PHRF-NB Membership/Rating Certificate

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

**Certificate status: Published**

Ratings	
62	81
Spinnaker	Non-Spinnaker

### Administrative Data

<b>Name:</b>	Phil Haydon
<b>Address:</b>	Privacy Protected
<b>Email:</b>	
<b>Primary Phone:</b>	
<b>Secondary Phone:</b>	
<b>Yacht Club:</b>	Constitution YC

### Yacht

<b>Yacht Name:</b> Fearless	<b>Sail Number:</b> 33004
<b>Designer:</b> Andrieu/Verdier	
<b>Manufacturer:</b> Jeanneau	<b>Model:</b> JEANNEAU 3300 SUN FAST
<b>Hull Serial Number:</b> 4	<b>Date Manufactured:</b> 2019
<b>Other Ratings:</b> previously rated as Alchemist in NB	<b>Date Last Rated:</b>

### 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> Water ballast as previously declared by Alchemist	
<b>Mast Material:</b> Carbon	<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>	100	<b>MHB</b>	4.76
<b>Headsail 2</b>	92	<b>MUW</b>	5.67
<b>Headsail 3</b>		<b>MTW</b>	7.64
<b>Headsail 4</b>		<b>MHW</b>	10.43
		<b>MQW</b>	12.56

### Spinnakers to be used

Spin #	JC	SMG	Foot	Luff	Leech
<b>Spin 1</b>	16.94	26.25	30.55	50.13	45.37
<b>Spin 2</b>	16.94	28.9	28.02	51.51	43.96
<b>Spin 3</b>	16.94	25	27.3	46.36	41.37
<b>Code 0</b>	16.94	19.062	25.41	46.10	42.72

**Headsail Credit:** n/a

### 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 Owner declared removal of 103 lbs including marine head for an adjustment of -1. Shorter JC noted for Prototype.  
2023 - New owner added back 15lbs of items including a back up hydraulic ram and sat comms resulting in a net weight saving of 88lbs.  
2024- No changes.

### Committee Use Only

PHRF #: 18417			
<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	2024-07-18		