

## 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	
71	94
Spinnaker	Non-Spinnaker

### Administrative Data

<b>Name:</b>	CHARLES SAMUELSON
<b>Address:</b>	<i>Privacy Protected</i>
<b>Email:</b>	
<b>Primary Phone:</b>	
<b>Secondary Phone:</b>	
<b>Yacht Club:</b>	New Bedford

### Yacht

<b>Yacht Name:</b> Yaquina	<b>Sail Number:</b> USA 32665
<b>Designer:</b> Frers	
<b>Manufacturer:</b> Beneteau	<b>Model:</b> Beneteau First 42 TM
<b>Hull Serial Number:</b> BEY0183000384U	<b>Date Manufactured:</b> 1984
<b>Other Ratings:</b> PHRF-NE 78, ORR GP 0.635.0 (fully measured)	<b>Date Last Rated:</b>

### Boat Measurements

<b>I:</b> 55.4	<b>J:</b> 16.75	<b>LOA:</b> 42
<b>P:</b> 49.2	<b>E:</b> 14.1	<b>LWL:</b> 36
<b>ISP:</b> 55.4	<b>SPL:</b> 16.75	<b>Draft:</b> Max 8.1
<b>Py:</b>	<b>Ey:</b>	
<b>Beam:</b> 13.25	<b>Displacement:</b> 22610	
<b>Rig Type:</b> Sloop	<b>Rig:</b> Masthead	
<b>Keel Weight:</b> 7900	<b>Keel Material:</b> Lead	
<b>Composite Rigging:</b> no	<b>Other Ballast:</b> No	
<b>Mast Material:</b> Aluminum	<b>Spinnaker Type(s):</b> Symmetrical	
<b>Asymmetrical Spinnaker Tacked To:</b>		

### Sails

Headsails to be used (LP%)		Mainsail Measurements	
<b>Headsail 1</b>	152	<b>MHB</b>	0.41
<b>Headsail 2</b>	135	<b>MUW</b>	3.1
<b>Headsail 3</b>	110	<b>MTW</b>	5.7
<b>Headsail 4</b>		<b>MHW</b>	9.5
		<b>MQW</b>	12.75

### Spinnakers to be used

Spin #	JC	SMG	Foot	Luff	Leech
<b>Spin 1</b>	16.75	30.64	29.27	55.61	55.61
<b>Spin 2</b>	16.75	29.86	29.53	55.77	55.77
<b>Spin 3</b>	16.75	27.92	28.61	55.02	55.02
<b>Code 0</b>					

**Headsail Credit:** Roller Furling

### Variables

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

### Comments/Modifications

2020- -9 sec/mi for increased draft and new rudder.  
2022 - Head sail increased to 152%

### Committee Use Only

PHRF #: 16978			
<b>Base Rating</b>	78	<b>Non-Spin Adj.</b>	22
<b>Genoa Spin Adj.</b>	0	<b>Genoa Non-Spin Adj.</b>	0
<b>Mainsail Adj.</b>	0	<b>Furling Adj.</b>	3
<b>Spin. Area Adj.</b>	-1	<b>Whisker Pole Adj.</b>	0
<b>Prop. Adjustment</b>	0		
<b>Mast Adj.</b>	0	<b>Misc. Adj.</b>	-9
<b>Committee Signature</b>	<b>Date</b>		
<i>Katherine Rotsky</i>	2022-07-12		