

## 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	
153	160
Spinnaker	Non-Spinnaker

### Administrative Data

<b>Name:</b>	Jonathan Bixby
<b>Address:</b>	Privacy Protected
<b>Email:</b>	
<b>Primary Phone:</b>	
<b>Secondary Phone:</b>	
<b>Yacht Club:</b>	Newport yacht club

### Yacht

<b>Yacht Name:</b> Highlander	<b>Sail Number:</b> 60843
<b>Designer:</b> Tim jacket	
<b>Manufacturer:</b> Tartan yachts	<b>Model:</b> TARTAN 3500 WK
<b>Hull Serial Number:</b> TAR35076B797	<b>Date Manufactured:</b> 1997
<b>Other Ratings:</b> PHRF-NB 167 non-spinnaker 142 spinnaker	<b>Date Last Rated:</b>

### Boat Measurements

<b>I:</b> 46.9	<b>J:</b> 13.9	<b>LOA:</b> 35.16
<b>P:</b> 41.3	<b>E:</b> 14.3	<b>LWL:</b> 30
<b>ISP:</b> 46.9	<b>SPL:</b> 14	<b>Draft:</b> Max 4.83
<b>Py:</b>	<b>Ey:</b>	
<b>Beam:</b> 11.75	<b>Displacement:</b> 12100	
<b>Rig Type:</b> Sloop	<b>Rig:</b> Masthead	
<b>Keel Weight:</b> 4900	<b>Keel Material:</b> Lead	
<b>Composite Rigging:</b> no	<b>Other Ballast:</b> None	
<b>Mast Material:</b> Aluminum	<b>Spinnaker Type(s):</b> Asymmetrical	
<b>Asymmetrical Spinnaker Tacked To:</b> rsprit		

### Sails

Headsails to be used (LP%)		Mainsail Measurements	
<b>Headsail 1</b>	139	<b>MHB</b>	2.29
<b>Headsail 2</b>	120	<b>MUW</b>	2.48
<b>Headsail 3</b>	90	<b>MTW</b>	4.76
<b>Headsail 4</b>		<b>MHW</b>	8.55
		<b>MQW</b>	11.51

### Spinnakers to be used

Spin #	JC	SMG	Foot	Luff	Leech
<b>Spin 1</b>	16.83	23.63	27.87	48.93	42.2
<b>Spin 2</b>					
<b>Spin 3</b>					
<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> 3	<b>Keel:</b> Winged Keel

### Comments/Modifications

Installed a Trogear bow sprit in 2017.  
2018- As per standard Asym calculations asym credit +9 minus pole penalty -6 = +3.  
2018- Revision #1- Increased genoa to 139  
2019- Decreased hs size, reduced to rf.  
2020- Asym Retro Install Adj. +9  
2021- Reduced to roller furling credit +3.  
2022- Undersized main +2  
2024-Asym retro install +13

### Committee Use Only

PHRF #: 18106			
<b>Base Rating</b>	130	<b>Non-Spin Adj.</b>	20
<b>Genoa Spin Adj.</b>	5	<b>Genoa Non-Spin Adj.</b>	5
<b>Mainsail Adj.</b>	2	<b>Furling Adj.</b>	3
<b>Spin. Area Adj.</b>	13	<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	2024-05-02		