

2022 PHRF-NB Membership/Rating Certificate

This certificate expires on April 30, 2023, or upon change of ownership, whichever comes first.

Certificate status: Renewed

Ratings	
149	160
Spinnaker	Non-Spinnaker

Administrative Data

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

Yacht

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

Boat Measurements

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

Sails

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

Spinnakers to be used

Spin #	JC	SMG	Foot	Luff	Leech
Spin 1	16.83	23.63	27.87	48.93	42.2
Spin 2					
Spin 3					
Code 0					

Headsail Credit: Roller Furling

Variables

Engine: Inboard	Prop. Type: Feathering
Prop. Install: Exposed Shaft	Rudder: Spade
# of Blades: 3	Keel: 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

Committee Use Only

PHRF #: 16907			
Base Rating	130	Non-Spin Adj.	20
Genoa Spin Adj.	5	Genoa Non-Spin Adj.	5
Mainsail Adj.	2	Furling Adj.	3
Spin. Area Adj.	9	Whisker Pole Adj.	0
Prop. Adjustment	0		
Mast Adj.	0	Misc. Adj.	0
Committee Signature	Date		
Katherine Rotsky	06/21/2022		