

## 2023 PHRF-NB Membership/Rating Certificate

This certificate expires on April 30, 2024, or upon change of ownership, whichever comes first.

**Certificate status: Published**

Ratings	
56	71
Spinnaker	Non-Spinnaker

### Administrative Data

<b>Name:</b>	Danforth, Murray
<b>Address:</b>	Privacy Protected
<b>Email:</b>	
<b>Primary Phone:</b>	
<b>Secondary Phone:</b>	
<b>Yacht Club:</b>	New Bedford YC

### Boat Measurements

<b>I:</b> 42.74	<b>J:</b> 12.43	<b>LOA:</b> 33.13
<b>P:</b> 42.64	<b>E:</b> 15.42	<b>LWL:</b> 31.72
<b>ISP:</b> 42.97	<b>SPL:</b> 14.27	<b>Draft:</b> Max 6.89
<b>Py:</b>	<b>Ey:</b>	
<b>Beam:</b> 11.32	<b>Displacement:</b> 6600	
<b>Rig Type:</b> Sloop	<b>Rig:</b> Fractional	
<b>Keel Weight:</b> 2420	<b>Keel Material:</b> Steel/lead	
<b>Composite Rigging:</b> no	<b>Other Ballast:</b> Water-66 gal 561 lbs/03 degrees incline	
<b>Mast Material:</b> Carbon	<b>Spinnaker Type(s):</b> Asymmetrical Symmetrical	
<b>Asymmetrical Spinnaker Tacked To:</b> apole		

### Variables

<b>Engine:</b> Inboard	<b>Prop. Type:</b> Folding
<b>Prop. Install:</b> Aperture	<b>Rudder:</b> Spade
<b># of Blades:</b> 2	<b>Keel:</b> Fin Keel

### Comments/Modifications

Twin Rudders;Fin covers shaft from exit of hull to cutless bearing;carbon fiber mast, aluminum boom, rod rigging, Dyneema back stay. Production ODR Hull # 82; sails & materials restricted..Water ballast 561 lbs= -6 2011-Alum. Boom replaced with carbon fiber boom=No Change in rtg.2014:Code 0 tacked to deck - noted. 2015: noted that sailor felt penalty for ballast was excessive- told him we were using our standard calculations in determination. 2021-Undersized spin +4. Revision #1 Roller furling was added +3, plus ISP Mod. -2  
2023- water ballast -6, spin area +2

### Yacht

<b>Yacht Name:</b> Flying Turtle	<b>Sail Number:</b> 27
<b>Designer:</b> Marc Lombard	
<b>Manufacturer:</b> Beneteau	<b>Model:</b> BENETEAU FIGARO II
<b>Hull Serial Number:</b> FR-BEYB6082C707	<b>Date Manufactured:</b> 2007
<b>Other Ratings:</b>	<b>Date Last Rated:</b>

### Sails

Headsails to be used (LP%)		Mainsail Measurements	
<b>Headsail 1</b>	110	<b>MHB</b>	0.06
<b>Headsail 2</b>	100	<b>MUW</b>	3.48
<b>Headsail 3</b>	0	<b>MTW</b>	6.23
<b>Headsail 4</b>	0	<b>MHW</b>	10.24
		<b>MQW</b>	13.12

### Spinnakers to be used

Spin #	JC	SMG	Foot	Luff	Leech
<b>Spin 1</b>	14.27	23.62	23.62	43.96	43.96
<b>Spin 2</b>	14.27	21.32	21.32	42.32	42.31
<b>Spin 3</b>	14.27	23.42	23.62	45.43	40.35
<b>Code 0</b>					

**Headsail Credit:** Roller Furling

### Committee Use Only

PHRF #: 17351			
<b>Base Rating</b>	57	<b>Non-Spin Adj.</b>	17
<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>	2	<b>Whisker Pole Adj.</b>	0
<b>Prop. Adjustment</b>	0		
<b>Mast Adj.</b>	0	<b>Misc. Adj.</b>	-6
<b>Committee Signature</b>		<b>Date</b>	
Roy Guay		2023-05-02	