

## 2024 PHRF-NB Membership/Rating Certificate

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

**Certificate status: Provisional**

Ratings	
-4	19
Spinnaker	Non-Spinnaker

### Administrative Data

<b>Name:</b>	Peter Noonan
<b>Address:</b>	Privacy Protected
<b>Email:</b>	
<b>Primary Phone:</b>	
<b>Secondary Phone:</b>	
<b>Yacht Club:</b>	New York YC

### Yacht

<b>Yacht Name:</b> Defiance	<b>Sail Number:</b> 51868
<b>Designer:</b> Frers	
<b>Manufacturer:</b> Nautor Swan	<b>Model:</b> SWAN 56
<b>Hull Serial Number:</b> FI-SWN56030G202	<b>Date Manufactured:</b> 2002
<b>Other Ratings:</b> ORC (APH ToD: 476.9) (AOH ToT: 1.2581) (CDL: 13.439)	<b>Date Last Rated:</b>

### Boat Measurements

<b>I:</b> 75.36	<b>J:</b> 20.5	<b>LOA:</b> 56.63
<b>P:</b> 67.78	<b>E:</b> 21.78	<b>LWL:</b> 49.48
<b>ISP:</b> 73.72	<b>SPL:</b> 0	<b>Draft:</b> Max 8.8
<b>Py:</b>	<b>Ey:</b>	
<b>Beam:</b> 15.5	<b>Displacement:</b> 44323	
<b>Rig Type:</b> Sloop	<b>Rig:</b> Masthead	
<b>Keel Weight:</b> 13700	<b>Keel Material:</b> Lead	
<b>Composite Rigging:</b> no	<b>Other Ballast:</b>	
<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>	0	<b>MHB</b>	0.59
<b>Headsail 2</b>	135	<b>MUW</b>	4.46
<b>Headsail 3</b>	0	<b>MTW</b>	8.04
<b>Headsail 4</b>	0	<b>MHW</b>	13.88
		<b>MQW</b>	18.18

### Spinnakers to be used

Spin #	JC	SMG	Foot	Luff	Leech
<b>Spin 1</b>	23.5	45.4	43.8	83	69.7
<b>Spin 2</b>	23.5	28.71	37.6	75.72	68.8
<b>Spin 3</b>					
<b>Code 0</b>					

**Headsail Credit:** Roller Furling

### Variables

<b>Engine:</b> Inboard	<b>Prop. Type:</b> Folding
<b>Prop. Install:</b> Exposed Shaft	<b>Rudder:</b> Spade
<b># of Blades:</b> 3	<b>Keel:</b> Fin Keel

### Comments/Modifications

2014:New 135 Roller furling jib.Code 0  
2019- Asym adjustment +9 minus distance forward -6=3  
2021- Asym retrofit Area -7, Asym retro Instal +7=0.  
2022-Corrected I measurement.  
2023- No changes.  
2024- New carbon mast. ISP & P increased. Base rating adjusted to -12 ---WJM

### Committee Use Only

PHRF #: 18522		
<b>Base Rating</b>	-12	<b>Non-Spin Adj.</b> 20
<b>Genoa Spin Adj.</b>	6	<b>Genoa Non-Spin Adj.</b> 6
<b>Mainsail Adj.</b>	2	<b>Furling Adj.</b> 3
<b>Spin. Area Adj.</b>	-3	<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>	
Museler, William	2024-09-20	