

## 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	
28	49
Spinnaker	Non-Spinnaker

### Administrative Data

<b>Name:</b>	JEFFREY MCCARRON
<b>Address:</b>	Privacy Protected
<b>Email:</b>	
<b>Primary Phone:</b>	
<b>Secondary Phone:</b>	
<b>Yacht Club:</b>	New Bedford Yacht Club, Corinthian Yacht Club of Philadelphia, Cruising Club of America

### Yacht

<b>Yacht Name:</b> Sonrisa	<b>Sail Number:</b> 1416
<b>Designer:</b> Niels Jeppesen	
<b>Manufacturer:</b> X-Yachts	<b>Model:</b> Xp-44
<b>Hull Serial Number:</b> XYA442821616	<b>Date Manufactured:</b> 2016
<b>Other Ratings:</b> PHRF of the Chesapeake: 27/33, ORR 2024: GPG 544.1, ORCi 2023: APH: 485.9, GPH: 542.8	<b>Date Last Rated:</b>

### Boat Measurements

<b>I:</b> 59.61	<b>J:</b> 16.40	<b>LOA:</b> 43.652
<b>P:</b> 58.79	<b>E:</b> 19.52	<b>LWL:</b> 39
<b>ISP:</b> 65.12	<b>SPL:</b> 0	<b>Draft:</b> Max 7.707
<b>Py:</b>	<b>Ey:</b>	
<b>Beam:</b> 13.258	<b>Displacement:</b> 21369	
<b>Rig Type:</b> Sloop	<b>Rig:</b> Fractional	
<b>Keel Weight:</b> 8488	<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>	106.6	<b>MHB</b>	0.49
<b>Headsail 2</b>	106.4	<b>MUW</b>	4.49
<b>Headsail 3</b>	106.6	<b>MTW</b>	7.68
<b>Headsail 4</b>	103.4	<b>MHW</b>	12.63
		<b>MQW</b>	16.27

### Spinnakers to be used

Spin #	JC	SMG	Foot	Luff	Leech
<b>Spin 1</b>	14.73	36.45	39.075	70.177	64.075
<b>Spin 2</b>	14.73	38.812	37.894	72.31	62.008
<b>Spin 3</b>	14.73	32.251	36.056	68.996	62.598
<b>Code 0</b>	4.49	23.655	31.496	65.982	62.992

**Headsail Credit:** n/a

### Variables

<b>Engine:</b> Inboard	<b>Prop. Type:</b> Folding
<b>Prop. Install:</b> Sail Drive	<b>Rudder:</b> Spade
<b># of Blades:</b> 2	<b>Keel:</b> Strut/Bulb

### Comments/Modifications

2024- Undersize main +1, Oversized spin -3. Revised model to correct listing Xp-44

### Committee Use Only

PHRF #: 18306			
<b>Base Rating</b>	30	<b>Non-Spin Adj.</b>	18
<b>Genoa Spin Adj.</b>	0	<b>Genoa Non-Spin Adj.</b>	0
<b>Mainsail Adj.</b>	1	<b>Furling Adj.</b>	0
<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>		
Donald S Kern	2024-06-04		