

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

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

Yacht

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

Boat Measurements

I: 59.61	J: 16.40	LOA: 43.652
P: 58.79	E: 19.52	LWL: 39
ISP: 65.12	SPL: 0	Draft: Max 7.707
Py:	Ey:	
Beam: 13.258	Displacement: 21369	
Rig Type: Sloop	Rig: Fractional	
Keel Weight: 8488	Keel Material: Lead	
Composite Rigging: no	Other Ballast:	
Mast Material: Carbon	Spinnaker Type(s): Asymmetrical	
Asymmetrical Spinnaker Tacked To: fsprit		

Sails

Headsails to be used (LP%)		Mainsail Measurements	
Headsail 1	106.6	MHB	0.49
Headsail 2	106.4	MUW	4.49
Headsail 3	106.6	MTW	7.68
Headsail 4	103.4	MHW	12.63
		MQW	16.27

Spinnakers to be used

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

Headsail Credit: n/a

Variables

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

Comments/Modifications

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

Committee Use Only

PHRF #: 18306			
Base Rating	30	Non-Spin Adj.	18
Genoa Spin Adj.	0	Genoa Non-Spin Adj.	0
Mainsail Adj.	1	Furling Adj.	0
Spin. Area Adj.	-3	Whisker Pole Adj.	0
Prop. Adjustment	0		
Mast Adj.	0	Misc. Adj.	0
Committee Signature	Date		
Donald S Kern	2024-06-04		