

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	
203	229
Spinnaker	Non-Spinnaker

Administrative Data

Name:	Paul Raterron
Address:	Privacy Protected
Email:	
Primary Phone:	
Secondary Phone:	
Yacht Club:	

Yacht

Yacht Name: Njorth Star	Sail Number: 811
Designer: Peter Norlin	
Manufacturer: Albin Marine	Model: ALBIN CUMULUS 28
Hull Serial Number: AMNCM216M82C	Date Manufactured: 1982
Other Ratings:	Date Last Rated:

Boat Measurements

I: 35.1	J: 10.82	LOA: 28.08
P: 35.1	E: 9.84	LWL: 22.33
ISP: 35.1	SPL: 10.82	Draft: Max 4.5
Py:	Ey:	
Beam: 9.25	Displacement: 7055	
Rig Type: Sloop	Rig: Fractional	
Keel Weight: 2810	Keel Material: Iron	
Composite Rigging: no	Other Ballast:	
Mast Material: Aluminum	Spinnaker Type(s): Symmetrical	
Asymmetrical Spinnaker Tacked To:		

Sails

Headsails to be used (LP%)		Mainsail Measurements	
Headsail 1	130	MHB	
Headsail 2	110	MUW	
Headsail 3		MTW	
Headsail 4		MHW	
		MQW	

Spinnakers to be used

Spin #	JC	SMG	Foot	Luff	Leech
Spin 1	0	20.42	16.92	30.5	30.5
Spin 2	0	22.1	20.6	36.2	36.2
Spin 3					
Code 0					

Headsail Credit: Roller Furling

Variables

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

Comments/Modifications

My boat has a shoal keel (see attached photo). It's draft is 4.5' instead of the standard 5.3'. = +6
2019-Spinnaker measurements required KER
2021- No spin onboard. Removed 130 headsail. Revision #1. Revision 2 Added 130% headsail.
2022- Added sym. spinnaker +7.
223- Oversized asym spin -6

Committee Use Only

PHRF #: 17456			
Base Rating	195	Non-Spin Adj.	20
Genoa Spin Adj.	8	Genoa Non-Spin Adj.	8
Mainsail Adj.	0	Furling Adj.	3
Spin. Area Adj.	-6	Whisker Pole Adj.	0
Prop. Adjustment	-3		
Mast Adj.	0	Misc. Adj.	6
Committee Signature	Date		
Katherine Rotsky	2023-05-09		