

2024 PHRF-NB Membership/Rating Certificate

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

Certificate status: Published

Ratings	
99	115
Spinnaker	Non-Spinnaker

Administrative Data

Name:	Christopher Whalen
Address:	Privacy Protected
Email:	
Primary Phone:	
Secondary Phone:	
Yacht Club:	

Yacht

Yacht Name: Needle	Sail Number: 101
Designer: Alan Adler	
Manufacturer: North End Marine	Model: FAST 40
Hull Serial Number: NEHFF1010682	Date Manufactured: 1982
Other Ratings:	Date Last Rated:

Boat Measurements

I: 36.75	J: 12	LOA: 39.8
P: 38	E: 13	LWL: 36
ISP: 38.75	SPL: 12	Draft: Max 7 / Min 4
Py:	Ey:	
Beam: 8	Displacement: 4100	
Rig Type: Sloop	Rig: Fractional	
Keel Weight: 2000	Keel Material: Fiberglass with lead bulb	
Composite Rigging: no	Other Ballast: no	
Mast Material: Aluminum	Spinnaker Type(s): Asymmetrical Symmetrical	
Asymmetrical Spinnaker Tacked To:		

Sails

Headsails to be used (LP%)		Mainsail Measurements	
Headsail 1	147	MHB	0.5
Headsail 2	110	MUW	2.66
Headsail 3	90	MTW	4.75
Headsail 4		MHW	8.25
		MQW	10.75

Spinnakers to be used

Spin #	JC	SMG	Foot	Luff	Leech
Spin 1	17	19.66	18.9	36.66	34.6
Spin 2		21.25	20	37.9	37.9
Spin 3					
Code 0					

Headsail Credit: n/a

Variables

Engine: Outboard	Prop. Type:
Prop. Install:	Rudder: Outboard
# of Blades:	Keel: Fin Keel

Comments/Modifications

2024- Undersized headsail +2, Undersized main +2, Sym plus Asym +2.

Committee Use Only

PHRF #: 18025			
Base Rating	93	Non-Spin Adj.	18
Genoa Spin Adj.	2	Genoa Non-Spin Adj.	2
Mainsail Adj.	2	Furling Adj.	0
Spin. Area Adj.	2	Whisker Pole Adj.	0
Prop. Adjustment	0		
Mast Adj.	0	Misc. Adj.	0
Committee Signature	Date		
Katherine Rotsky	2024-04-17		