

2020 PHRF-NB Membership/Rating Certificate

This certificate expires on April 30, 2021, or upon change of ownership, whichever comes first.

Certificate status: Renewed

Ratings	
30	49
Spinnaker	Non-Spinnaker

Administrative Data

Name:	David Peabody Southwell
Address:	Privacy Protected
Email:	
Primary Phone:	
Secondary Phone:	
Yacht Club:	New York Yacht Club

Yacht

Yacht Name: Alchemy	Sail Number: 12104
Designer: J Boats	
Manufacturer: J Boats	Model: J-121
Hull Serial Number: UCF12104G718	Date Manufactured: 2017
Other Ratings: NE-PHRF: 30 with no water ballast.	Date Last Rated:

Boat Measurements

I: 51.41	J: 15.3	LOA: 40
P: 50	E: 16.64	LWL: 39.67
ISP: 55.75	SPL: 7	Draft: Max 8.04
Py:	Ey:	
Beam: 12.3	Displacement: 12900	
Rig Type: Sloop	Rig: Fractional	
Keel Weight: 4850	Keel Material: Cast iron fin 3% antimony	
Composite Rigging: no	Other Ballast: NO	
Mast Material: Carbon	Spinnaker Type(s): Asymmetrical	
Asymmetrical Spinnaker Tacked To: rsprit		

Sails

Headsails to be used (LP%)		Mainsail Measurements	
Headsail 1	105	MHB	
Headsail 2	100	MUW	
Headsail 3	86	MTW	
Headsail 4	55	MHW	
		MQW	

Spinnakers to be used

Spin #	JC	SMG	Foot	Luff	Leech
Spin 1	22	32.3	32.9	60.9	49.1
Spin 2	22	33.9	33.4	62.4	49.6
Spin 3	22	20.4	27.2	57.1	53.7
Code 0					

Headsail Credit: Roller Furling

Variables

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

Comments/Modifications

2018 - -7 for water ballast. Roller Furling worked into base rating
2020- Remove water ballast

Committee Use Only

PHRF #: 14930			
Base Rating	30	Non-Spin Adj.	19
Genoa Spin Adj.	0	Genoa Non-Spin Adj.	0
Mainsail Adj.	0	Furling Adj.	0
Spin. Area Adj.		Whisker Pole Adj.	
Prop. Adjustment	0		
Mast Adj.	0	Misc. Adj.	0
Asym Adj.	0	Spin Pole Adj.	0
Committee Signature		Date	
Katherine Rotsky		06/14/2020	