

## 2023 PHRF-NB Membership/Rating Certificate

This certificate expires on April 30, 2024, or upon change of ownership, whichever comes first.

**Certificate status:** Renewed

### Ratings

84	103
Spinnaker	Non-Spinnaker

### Administrative Data

<b>Name:</b>	Mouligne, Tristan
<b>Address:</b>	Privacy Protected
<b>Email:</b>	
<b>Primary Phone:</b>	
<b>Secondary Phone:</b>	
<b>Yacht Club:</b>	New York YC

### Boat Measurements

<b>I:</b> 41	<b>J:</b> 10.6	<b>LOA:</b> 30
<b>P:</b> 39	<b>E:</b> 14	<b>LWL:</b> 27.5
<b>ISP:</b> 44.3	<b>SPL:</b> 17.1	<b>Draft:</b> Max 6.9
<b>Py:</b>	<b>Ey:</b>	
<b>Beam:</b> 11.5	<b>Displacement:</b> 6650	
<b>Rig Type:</b> Sloop	<b>Rig:</b> Fractional	
<b>Keel Weight:</b> 1675	<b>Keel Material:</b> Lead	
<b>Composite Rigging:</b> yes	<b>Other Ballast:</b>	
<b>Mast Material:</b> Carbon	<b>Spinnaker Type(s):</b> Asymmetrical	
<b>Asymmetrical Spinnaker Tacked To:</b> rsprit		

### Variables

<b>Engine:</b> Outboard	<b>Prop. Type:</b>
<b>Prop. Install:</b>	<b>Rudder:</b> Outboard
<b># of Blades:</b>	<b>Keel:</b> Fin Keel

### Yacht

<b>Yacht Name:</b> Samba	<b>Sail Number:</b> 301
<b>Designer:</b> Rodger Martin	
<b>Manufacturer:</b> Holby Marine	<b>Model:</b> QUEST 30
<b>Hull Serial Number:</b> HO112943001	<b>Date Manufactured:</b> 1994
<b>Other Ratings:</b>	<b>Date Last Rated:</b>

### Sails

Headsails to be used (LP%)		Mainsail Measurements	
<b>Headsail 1</b>	135	<b>MHB</b>	0.26
<b>Headsail 2</b>	102	<b>MUW</b>	3.9
<b>Headsail 3</b>		<b>MTW</b>	6.82
<b>Headsail 4</b>		<b>MHW</b>	10.73
		<b>MQW</b>	12.73

### Spinnakers to be used

Spin #	JC	SMG	Foot	Luff	Leech
<b>Spin 1</b>	17.1	30.87	30.87	50.2	45.54
<b>Spin 2</b>	17.1	30.79	30.69	50.57	45.56
<b>Spin 3</b>	17.1	16.21	21.59	46.98	41.5
<b>Code 0</b>	17.1	16.21	21.59	46.98	41.5

**Headsail Credit:** n/a

### Comments/Modifications

Asym.Spin.flown from masthead. 1997 - Double rudders replaced by single rudder - M= -3; 2006 Added carbon shrouds (wt. savings App 8 lbs) increased windage= -1 -net Misc= -4

Standard Mainsail Girths: MHB=.5' MUW=3.93' MTW=6.95' MHW=10.89' MQW=13.21'

2021 -Replaced damaged stainless steel rod headstay with carbon composite headstay. Asym Area Install -3.

2022- standard main, Oversized Spin -3, Carbon Shrouds, rudder -4.

2023- Smaller asym.

### Committee Use Only

PHRF #: 17358			
<b>Base Rating</b>	84	<b>Non-Spin Adj.</b>	17
<b>Genoa Spin Adj.</b>	6	<b>Genoa Non-Spin Adj.</b>	6
<b>Mainsail Adj.</b>	0	<b>Furling Adj.</b>	0
<b>Spin. Area Adj.</b>	-2	<b>Whisker Pole Adj.</b>	0
<b>Prop. Adjustment</b>	0		
<b>Mast Adj.</b>	0	<b>Misc. Adj.</b>	-4
<b>Committee Signature</b>	<b>Date</b>		
Katherine Rotsky	2023-04-28		