

## 2019 PHRF-NB Membership/Rating Certificate

This certificate expires on April 30, 2020, or upon change of ownership, whichever comes first.

**Certificate status: Published**

Ratings	
49	70
Spinnaker	Non-Spinnaker

### Administrative Data

<b>Name:</b>	Racca, Ralph F.
<b>Address:</b>	Privacy Protected
<b>Email:</b>	
<b>Primary Phone:</b>	
<b>Secondary Phone:</b>	
<b>Yacht Club:</b>	East Greenwich Yacht Club

### Yacht

<b>Yacht Name:</b> Illusion	<b>Sail Number:</b> 52385
<b>Designer:</b> Judel/Vrolijk	
<b>Manufacturer:</b> Grand Soleil	<b>Model:</b> Grand Soleil 45
<b>Hull Serial Number:</b> IT-CDPU5R32K404	<b>Date Manufactured:</b> 2004
<b>Other Ratings:</b>	<b>Date Last Rated:</b>
<b>Previous Name:</b>	<b>Previous Location:</b>

### Boat Measurements

<b>I:</b> 57.42	<b>J:</b> 16.67	<b>LOA:</b> 44.42
<b>P:</b> 55.28	<b>E:</b> 18.72	<b>LWL:</b> 39.33
<b>ISP:</b> 60	<b>SPL:</b> 18.33	<b>Draft:</b> Max 7.5
<b>Py:</b>	<b>Ey:</b>	
<b>Beam:</b> 14	<b>Displacement:</b> 21120	
<b>Rig Type:</b> Sloop	<b>Rig:</b> Fractional	
<b>Keel Weight:</b> 6600	<b>Keel Material:</b> Lead	
<b>Composite Rigging:</b> no	<b>Other Ballast:</b>	
<b>Mast Material:</b> Carbon	<b>Spinnaker Type(s):</b> Symmetrical	
<b>Asymmetrical Spinnaker Tacked To:</b>		

### Sails

Headsails to be used (LP%)		Mainsail Measurements	
<b>Headsail 1</b>	155	<b>MHB</b>	
<b>Headsail 2</b>	106	<b>MUW</b>	
<b>Headsail 3</b>	0	<b>MTW</b>	
<b>Headsail 4</b>	0	<b>MHW</b>	
		<b>MQW</b>	

**Non-Overlapping Headsail Standard:**

### Spinnakers to be used

Spin #	JC	SMG	Foot	Luff	Leech
<b>Spin 1</b>	18.33	32.9	32.2	60.8	60.8
<b>Spin 2</b>	18.33	32.9	32.2	60.8	60.8
<b>Spin 3</b>					
<b>Code 0</b>					

**Headsail Credit:** n/a

### Variables

<b>Engine:</b> Inboard	<b>Prop. Type:</b> Folding
<b>Prop. Install:</b> Sail Drive	<b>Rudder:</b> Spade
<b># of Blades:</b> 3	<b>Keel:</b> Fin Keel

### Comments/Modifications

Longer Spinnaker pole+ -4 sec  
New Keel in 2016. Original Fin Keel Draft: 8'10"  
New Fin Keel Draft: 7'6" 2017 keel adjustment +7.  
2019-Made correction of spin pole adjustment -3.

### Committee Use Only

PHRF #: 14292			
<b>Base Rating</b>	45	<b>Non-Spin Adj.</b>	21
<b>Genoa Spin Adj.</b>	0	<b>Genoa Non-Spin Adj.</b>	0
<b>Mainsail Adj.</b>	0	<b>Furling Adj.</b>	0
<b>Spin. Area Adj.</b>		<b>Whisker Pole Adj.</b>	
<b>Prop. Adjustment</b>	0		
<b>Mast Adj.</b>	0	<b>Misc. Adj.</b>	7
<b>Asym Adj.</b>	0	<b>Spin Pole Adj.</b>	-3
<b>Committee Signature</b>		<b>Date</b>	
Katherine Rotsky		06/26/2019	