

## 2020 PHRF-NB Membership/Rating Certificate

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

**Certificate status: Published**

Ratings	
82	112
Spinnaker	Non-Spinnaker

### Administrative Data

<b>Name:</b>	James Pattison
<b>Address:</b>	Privacy Protected
<b>Email:</b>	
<b>Primary Phone:</b>	
<b>Secondary Phone:</b>	
<b>Yacht Club:</b>	

### Yacht

<b>Yacht Name:</b> El tata	<b>Sail Number:</b> USA 1
<b>Designer:</b> Marc Lombardi	
<b>Manufacturer:</b> Jeanneau	<b>Model:</b> JEANNEAU 410 SUN ODYSSEY
<b>Hull Serial Number:</b>	<b>Date Manufactured:</b> 2019
<b>Other Ratings:</b>	<b>Date Last Rated:</b>

### Boat Measurements

<b>I:</b> 50.95	<b>J:</b> 15.24	<b>LOA:</b> 40.5
<b>P:</b> 50.52	<b>E:</b> 16.4	<b>LWL:</b> 37.65
<b>ISP:</b> 51.52	<b>SPL:</b> 17.39	<b>Draft:</b> Max 7
<b>Py:</b>	<b>Ey:</b>	
<b>Beam:</b> 13.08	<b>Displacement:</b> 17161	
<b>Rig Type:</b> Sloop	<b>Rig:</b> Fractional	
<b>Keel Weight:</b> 4416	<b>Keel Material:</b> Iron	
<b>Composite Rigging:</b> no	<b>Other Ballast:</b> No	
<b>Mast Material:</b> Aluminum	<b>Spinnaker Type(s):</b> Asymmetrical	
<b>Asymmetrical Spinnaker Tacked To:</b> fsprit		

### Sails

Headsails to be used (LP%)		Mainsail Measurements	
<b>Headsail 1</b>	80	<b>MHB</b>	
<b>Headsail 2</b>		<b>MUW</b>	
<b>Headsail 3</b>		<b>MTW</b>	
<b>Headsail 4</b>		<b>MHW</b>	
		<b>MQW</b>	

### Spinnakers to be used

Spin #	JC	SMG	Foot	Luff	Leech
<b>Spin 1</b>	17.39	15	31	52.4	48
<b>Spin 2</b>					
<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> Exposed Shaft	<b>Rudder:</b> Spade
<b># of Blades:</b> 3	<b>Keel:</b> Fin Keel

### Comments/Modifications

2020 - Code0 smg/foot ratio at 48% is less than 75% minimum thus declared as a Reaching sail-11 Roller furling NA.

### Committee Use Only

PHRF #: 15298			
<b>Base Rating</b>	93	<b>Non-Spin Adj.</b>	19
<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>	0
<b>Asym Adj.</b>	-11	<b>Spin Pole Adj.</b>	0
<b>Committee Signature</b>		<b>Date</b>	
Donald S Kern		2020-10-02	