

## 2018 PHRF-NB Membership/Rating Certificate

This certificate expires on April 30, 2019, or upon change of ownership, whichever comes first.

**Certificate status: Renewed**

Ratings	
104	132
Spinnaker	Non-Spinnaker

### Administrative Data

<b>Name:</b>	Manderson, John P.
<b>Address:</b>	Privacy Protected
<b>Email:</b>	
<b>Primary Phone:</b>	
<b>Secondary Phone:</b>	
<b>Yacht Club:</b>	Kollegewidgwok

### Boat Measurements

<b>I:</b> 36.1	<b>J:</b> 11.75	<b>LOA:</b> 30
<b>P:</b> 31.5	<b>E:</b> 10.25	<b>LWL:</b> 27.5
<b>ISP:</b> 0	<b>SPL:</b> 0	<b>Draft:</b> Max 5.1
<b>Py:</b>	<b>Ey:</b>	
<b>Beam:</b> 9.3	<b>Displacement:</b> 3600	
<b>Rig Type:</b> Sloop	<b>Rig:</b> Masthead	
<b>Keel Weight:</b> 1800	<b>Keel Material:</b> Lead	
<b>Composite Rigging:</b> no	<b>Other Ballast:</b>	
<b>Mast Material:</b> Aluminum	<b>Spinnaker Type(s):</b> Asymmetrical Symmetrical	
<b>Asymmetrical Spinnaker Tacked To:</b> fsprit		

### Variables

<b>Engine:</b> Outboard	<b>Prop. Type:</b>
<b>Prop. Install:</b>	<b>Rudder:</b> Spade
<b># of Blades:</b> 0	<b>Keel:</b> Fin Keel

### Comments/Modifications

2015: JC=sprit length = 14.42 = -7; boat is modified for short handed offshore sailing. 106 lbs in 2012 2x12 V Bat. And 38 lbs Winslow life raft - No credit  
2018-Sprit Penalty moved to Asym Adj.

### Yacht

<b>Yacht Name:</b> Kristianna	<b>Sail Number:</b> USA 13
<b>Designer:</b> George Olson	
<b>Manufacturer:</b> Pacific Boats	<b>Model:</b> Olson 30
<b>Hull Serial Number:</b>	<b>Date Manufactured:</b> 1979
<b>Other Ratings:</b>	<b>Date Last Rated:</b>
<b>Previous Name:</b>	<b>Previous Location:</b>

### Sails

Headsails to be used (LP%)		Mainsail Measurements	
<b>Headsail 1</b>	134	<b>MHB</b>	
<b>Headsail 2</b>	100	<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>	0	21.05	20.05	35.85	35.85
<b>Spin 2</b>	14.4	19.75	22.6	39.93	34.84
<b>Spin 3</b>	14.4	13.5	17.5	36.74	34.84
<b>Code 0</b>					

**Headsail Credit:** n/a

### Committee Use Only

PHRF #: 12950			
<b>Base Rating</b>	105	<b>Non-Spin Adj.</b>	21
<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>		<b>Whisker Pole Adj.</b>	
<b>Prop. Adjustment</b>	0		
<b>Mast Adj.</b>	0	<b>Misc. Adj.</b>	0
<b>Asym Adj.</b>	-7	<b>Spin Pole Adj.</b>	0
<b>Committee Signature</b>		<b>Date</b>	
Katherine Rotsky		04/16/2018	