

## 2022 PHRF-NB Membership/Rating Certificate

This certificate expires on April 30, 2023, or upon change of ownership, whichever comes first.

**Certificate status: Renewed**

Ratings	
187	203
Spinnaker	Non-Spinnaker

### Administrative Data

<b>Name:</b>	Smith, Colby
<b>Address:</b>	Privacy Protected
<b>Email:</b>	
<b>Primary Phone:</b>	
<b>Secondary Phone:</b>	
<b>Yacht Club:</b>	Coles River

### Yacht

<b>Yacht Name:</b> October	<b>Sail Number:</b> 744
<b>Designer:</b> Graves	
<b>Manufacturer:</b> Graves	<b>Model:</b> Graves Constellation
<b>Hull Serial Number:</b> 744	<b>Date Manufactured:</b>
<b>Other Ratings:</b>	<b>Date Last Rated:</b>

### Boat Measurements

<b>I:</b> 30.5	<b>J:</b> 10.5	<b>LOA:</b> 29.58
<b>P:</b> 33	<b>E:</b> 14.33	<b>LWL:</b> 21.66
<b>ISP:</b> 30.33	<b>SPL:</b> 10.5	<b>Draft:</b> Max 4.66
<b>Py:</b>	<b>Ey:</b>	
<b>Beam:</b> 8	<b>Displacement:</b> 6000	
<b>Rig Type:</b> Sloop	<b>Rig:</b> Fractional	
<b>Keel Weight:</b> 2750	<b>Keel Material:</b> Lead	
<b>Composite Rigging:</b> no	<b>Other Ballast:</b>	
<b>Mast Material:</b> Aluminum	<b>Spinnaker Type(s):</b> Symmetrical	
<b>Asymmetrical Spinnaker Tacked To:</b>		

### Sails

Headsails to be used (LP%)		Mainsail Measurements	
<b>Headsail 1</b>	154	<b>MHB</b>	0.54
<b>Headsail 2</b>	135	<b>MUW</b>	2.88
<b>Headsail 3</b>	0	<b>MTW</b>	5.28
<b>Headsail 4</b>	0	<b>MHW</b>	9.25
		<b>MQW</b>	12.23

### Spinnakers to be used

Spin #	JC	SMG	Foot	Luff	Leech
<b>Spin 1</b>	10.8	19.42	18.43	30.74	30.74
<b>Spin 2</b>					
<b>Spin 3</b>					
<b>Code 0</b>					

**Headsail Credit:** Roller Furling

### Variables

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

### Comments/Modifications

Trunk cabin shortened in length by 14in and lowered in height by 2.5in. Companionway & main hatch opening reduced in size. Cabin sole removed-galley counters removed = - 4 No power = - 3 2009:added 300# ballast to compensate for wt.reductiion.(galley counters, etc-shortened cabin trunk = +2. Net Misc = -2. 2013: Using outboard engine, remove -3.  
2020. Symmetrical Area -1 as per table D. Revision #1 Added roller furling.  
2021- Base rating change to 186.  
2022- No change, Added new main measurements, undersized +1 Revision 1.

### Committee Use Only

PHRF #: 16389			
<b>Base Rating</b>	186	<b>Non-Spin Adj.</b>	15
<b>Genoa Spin Adj.</b>	0	<b>Genoa Non-Spin Adj.</b>	0
<b>Mainsail Adj.</b>	1	<b>Furling Adj.</b>	3
<b>Spin. Area Adj.</b>	-1	<b>Whisker Pole Adj.</b>	0
<b>Prop. Adjustment</b>	0		
<b>Mast Adj.</b>	0	<b>Misc. Adj.</b>	-2
<b>Committee Signature</b>		<b>Date</b>	
Katherine Rotsky		03/30/2022	