

**US PHRF of Southeast Florida, Inc.**  
**2017 Rating Certificate # 16-0918441**  
[www.phrfsef.com](http://www.phrfsef.com)

**Date Issued:** 1/1/2017  
**Valid until** 12/31/2017  
**US PHRF/SEF**  
**PO Box 820003 Pembroke Pines, FL 33082-0003**

**Rating:** 143  
**Spinnaker:** ASYMMETRIC

**Boat Name:** Bonnie Lass  
**Owner:** Leo Clavin  
**USSA Member #:**

**Sail #:** 642  
**Club Affiliation:**

**Hull Information**

*Boat Type:* 1985 Morgan 384  
*Keel Type:* Fin  
*Engine:* Inboard  
*Prop type:* 3 blade feathering  
*Displacement:* 17200 lbs.

*Length Overall:*  
*Waterline Length:* 30.5  
*Beam:* 12.  
*Draft Keel/CB:* 5.7  
*Ballast:* 6800 lbs.

**Rig Information**

*Type:* Masthead *Material:* Aluminum  
*Headsail %:* 130 *LP:* 23.8 *Spinnaker girth % of J:* 180.  
*I:* 49. *J:* 18.3 *P:* 44. *E:* 13.  
*SPL:* .0 *ISP:* 49. *Jc:* 18.3  
*Total Upwind SA:* 974.4 *Total Downwind SA:* 1666.9

**Penalty/Credit Information**

LP mod	RFH	RFJ	CRFJ	M-HL	M-VB	SFlash	OS-SPL	OS-Spin	OS-Main
6	2	0	0	0	0	0	0	0	0
<i>Prop Mod:</i>		<i>Cruising Accom. Credit:</i>			<i>Modifications:</i>				
0		0			-3				

**Remarks:**

*Base Rating:* 138 *Adjustments:* 5 *Final Rating:* 143 *Crew Limit:* 10  
*Disp-Ballast Ratio:* .4 *DLR:* 270.63  
*Upwind SA/D:* 23.4 *Downwind SA/D:* 40.03 *SA/D ratio UP/DW:* .58

**Endorsed by, US PHRF/SEF Chief Handicapper**

**Inspect this document carefully; you are obligated to immediately report in writing any errors to the US PHRF/SEF Chief Handicapper or your Regional Handicapper. Owner Certification, Waiver, Release and Covenant not to sue:** I agree to race the boat described in this document as specified under regulations and rules of UNITED STATES PERFORMANCE HANDICAP RACING FLEET / SOUTHEAST FLORIDA, INC. (herein and hereafter designated PHRF/SEF) and rules in the latest edition of the *Racing Rules of Sailing* as published by *US Sailing*. Furthermore, I will immediately inform the PHRF/SEF President in writing of any changes to the boat's description and its specifications as they appear in this document. *Moreover, I understand that I may not sail competitively until a new certificate is issued by PHRF/SEF which reflects any change. I also acknowledge that all activities of PHRF/SEF are undertaken by volunteers using their own time and funds for their efforts in consideration and assignment of the handicap and waive, releases, and cancels any and all claims I may have against PHRF/SEF, its officers, directors, trustees, and committee members, measurers, agents, and representatives arising out of the functions and activities of PHRF/SEF and actions of persons fulfilling the offices named above, and I do further covenant and agree not to sue or bring claim of any nature whatsoever against PHRF/SEF and all other persons acting on behalf of PHRF/SEF relating to any performance of PHRF/SEF functions and activities. I further acknowledge that participation in the sport of sailing wind driven boats in competitive events is an inherently dangerous sport in which I have freely chosen to engage.*

(Signature of Owner) (Date)

**NOTE:** Utilization of certificate implies that you agree to the terms and conditions contained on each certificate.