

**US PHRF of Southeast Florida, Inc.**  
**2016 Rating Certificate # 16-7771631**  
[www.phrfsef.com](http://www.phrfsef.com)

Date Issued: 1/1/2016  
Valid until 12/31/2016  
US PHRF/SEF  
PO Box 820003 Pembroke Pines, FL 33082-0003

Rating: 45  
Spinnaker: Symmetric

Boat Name: Relativity  
Owner: Hall Palmer  
USSA Member #:

Sail #: 51216  
Club Affiliation: St. Pete YC

**Hull Information**

Boat Type: 1992 Beneteau First 53f5 SR  
Keel Type: Wing Keel  
Engine: Inboard  
Prop type: Feathering  
Displacement: 30864 lbs.

Length Overall: 52.2  
Waterline Length: 43.3  
Beam: 14.8  
Draft Keel/CB: 6.3/  
Ballast: 9480 lbs.

**Rig Information**

Type: Masthead Material: Aluminum  
Headsail %: 145 LP: 25.4 Spinnaker girth % of J: 180.  
I: 62.3 J: 17.5 P: 55.4 E: 18.6  
SPL: 17.5 ISP: 62.3 Jc: .0  
Total Upwind SA: 1452.4 Total Downwind SA: 2238.1

**Penalty/Credit Information**

LP mod	RFH	RFJ	CRFJ	M-HL	M-VB	SFlash	OS-SPL	OS-Spin	OS-Main
3	0	4	0	0	0	0	0	0	0
Prop Mod:			Cruising Accom. Credit:			Modifications:			
0			0			0			

**Remarks:**

Base Rating: 38 Adjustments: 7 Final Rating: 45 Crew Limit: 14  
Disp-Ballast Ratio: .31 DLR: 169.37  
Upwind SA/D: 23.62 Downwind SA/D: 36.39 SA/D ratio UP/DW: .65

**Endorsed by Russ Horn, 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.