

**US PHRF of Southeast Florida, Inc.
2013 Rating Certificate # 10-7113110**

www.phrfsef.com

Date Issued: 1/1/2013
Valid until 12/31/2013
US PHRF/SEF
PO Box 820003 Pembroke Pines, FL 33082-0003

Rating: 183
Spinnaker: Symmetric

Boat Name: ST CLAIR
Owner: Richard Hall
USSA Member #:

Sail #: 3284
Club Affiliation: Miami Yacht Club

Hull Information

Boat Type: Cal 29
Keel Type: Fin
Engine: Inboard
Prop type: Folding
Displacement: 8,000 lbs.

Length Overall: 29.
Waterline Length: 24.
Beam: 9.3
Draft Keel/CB: 4.5/
Ballast: 3,350 lbs.

Rig Information

Type: Masthead
Material: Aluminum
Headsail %: 155
LP: 19.1 Spinnaker girth % of J: 176.6
I: 36.2 J: 12.1 P: 30.5 E: 12.3
SPL: 12.3 ISP: 37. Jc: 12.3
Total Upwind SA: 610.6 Total Downwind SA: 893.4

Penalty/Credit Information

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

Remarks:

Base Rating: 183 Adjustments: 0 Final Rating: 183 Crew Limit: 6
Disp-Ballast Ratio: .37 DLR: 290.64
Upwind SA/D: 22.58 Downwind SA/D: 33.04 SA/D ratio UP/DW: .68

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.