

**US PHRF of Southeast Florida, Inc.**  
**2013 Rating Certificate # 10-4124556**  
[www.phrfsef.com](http://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: 213  
Spinnaker: Symmetric

Boat Name: HOT TUNA  
Owner: Neal Sorenson  
USSA Member #: 105451N

Sail #: 352  
Club Affiliation: Castaways Sailing Club

**Hull Information**

Boat Type: 1990 Beneteau First 235  
Keel Type: Fin  
Engine: Outboard  
Prop type: Outboard  
Displacement: 2755 lbs.

Length Overall: 23.3  
Waterline Length: 20.3  
Beam: 8.2  
Draft Keel/CB: 3.8/  
Ballast: 800 lbs.

**Rig Information**

Type: Fractional Material: Aluminum  
Headsail %: 105 LP: 8.2 Spinnaker girth % of J: 179.3  
I: 28.6 J: 7.8 P: 26.6 E: 10.3  
SPL: 7.8 ISP: 28.6 Jc: .0  
Total Upwind SA: 290.2 Total Downwind SA: 496.6

**Penalty/Credit Information**

| LP mod    | RFH | RFJ                     | CRFJ | M-HL | M-VB           | SFlash | OS-SPL | OS-Spin | OS-Main |
|-----------|-----|-------------------------|------|------|----------------|--------|--------|---------|---------|
| 9         | 0   | 0                       | 9    | 0    | 0              | 0      | 0      | 0       | 0       |
| Prop Mod: |     | Cruising Accom. Credit: |      |      | Modifications: |        |        |         |         |
| 0         |     | 3                       |      |      | 0              |        |        |         |         |

**Remarks:**

Base Rating: 192 Adjustments: 21 Final Rating: 213 Crew Limit: 5  
Disp-Ballast Ratio: .29 DLR: 147.02  
Upwind SA/D: 23.63 Downwind SA/D: 40.43 SA/D ratio UP/DW: .58

**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.