

**US PHRF of Southeast Florida, Inc.**  
**2013 Rating Certificate # 13-1219932**  
[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: 87  
Spinnaker: Symmetric

Boat Name: 24 Heures  
Owner: Dave Maraj  
USSA Member #: 711297U

Sail #:  
Club Affiliation:

**Hull Information**

Boat Type: 2013 Oyster 575  
Keel Type: Keel/Centerboard  
Engine: Inboard  
Prop type: Varifold 4 blade  
Displacement: 62280 lbs.

Length Overall: 57.5  
Waterline Length: 51.6  
Beam: 16.4  
Draft Keel/CB: 5.4/12.5  
Ballast: 22377 lbs.

**Rig Information**

Type: Masthead  
Material: Aluminum  
Headsail %: 130  
LP: 14.1  
Spinnaker girth % of J: 354.5  
I: 73.2  
J: 21.3  
P: 68.1  
E: 23.6  
SPL: 21.3  
ISP: 73.2  
Jc: .0  
Total Upwind SA: 766.7  
Total Downwind SA: 2798.8

**Penalty/Credit Information**

| LP mod    | RFH | RFJ | CRFJ                    | M-HL | M-VB | SFlash         | OS-SPL | OS-Spin | OS-Main |
|-----------|-----|-----|-------------------------|------|------|----------------|--------|---------|---------|
| 6         | 0   | 0   | 9                       | 0    | 9    | 0              | 0      | 0       | 0       |
| Prop Mod: |     |     | Cruising Accom. Credit: |      |      | Modifications: |        |         |         |
| 0         |     |     | 3                       |      |      | 0              |        |         |         |

**Remarks:**

Base Rating: 60  
Adjustments: 27  
Final Rating: 87  
Crew Limit:  
Disp-Ballast Ratio: .31  
DLR: 143.4  
Upwind SA/D: 31.84  
Downwind SA/D: 116.23  
SA/D ratio UP/DW: .27

**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.