

Minutes YRALIS PHRF Committee 11JUL24

Via Zoom

Present: Alistair Duke, Rick Sinclair, June Kendrick, Paul Kueffner

Guests: James Bistis/owner of X 4<sup>2</sup> Della Aurora; Ryan Zupon for X 4.0 Xenios  
Chair Alistair Duke opened the meeting at 20h10

### **X 4<sup>2</sup> Della Aurora new base rating**

Owner James Bistis outlined how his boat performs compared to J/105's and Beneteau 50's, in light air and steadier breezes. It was noted that there is already a somewhat similar X 4<sup>3</sup> in the YRALIS fleet, to serve as a benchmark. The Committee compared the 4<sup>2</sup> to the J/45 before deciding to create a new base rating of 24 for the deep keel version of the 4<sup>2</sup>, using the sprit table from the rules to determine the distance offset.

### **X 4.0 Xenios rating review**

Ryan Zupon described his father's boat as a heavy, cruise-equipped boat with air conditioning, a teak deck and a bow thruster. The examples of race performance provided were in fleets of such disparate boats however (eg : IOD's, Catalina 30's) that they were inconclusive. It was noted that the bow thruster is retractable. It also appears that the boat has not been optimized for racing, as is premised by the PHRF regulations. Though she races in non-spinnaker events she does not carry a whisker pole for downwind work. The Committee requested that results from races between Xenios and boats with more similar ratings be presented in order to justify any change in her rating.

### **Hinkley Bermuda 40 mk III Actaea rating**

Actaea has been modified from the original boat with a taller carbon masts, a longer boom, a modified centerboard, Dyneema rigging, a new rudder and a reduction in ballast. It was noted that these changes helped her to win the 2014 Newport-Bermuda Race. The Committee determined that these changes warranted an adjustment of -15 from the standard Hinkley Bermuda 40 mk III rating of 165. Her PHRF rating would therefore be 150.

### **XP44 Phantom modified rudder**

After investigating the history of different XP44 rudder designs, the Committee determined that the 2019 Mark III rudder design provided a marked improvement in performance compared to the original rudders upon which the standard rating for the XP44 is based. An adjustment of -3 for boats with this rudder is therefore warranted. Other boats with modified rudders will also be subject to similar adjustments when they apply for YRALIS PHRF ratings.

The Meeting adjourned at 22h40

Respectfully submitted,  
Paul Kueffner  
Secretary,  
YRALIS PHRF Committee