PHRF Meeting Minutes - August 2020

Members: Rick Sinclair (Chair), Rick Royce, Charlie Powers, Paul Kueffner, Charlie Hurd, and Alistair Duke.

Apologies: June Kendrick, Mike Colucci.

Meeting was called to order at 7.10pm, via Zoom.

- Tofinou 12m - Atua. Comparisons to similar Cafe Racer designs were discussed, and a review of ORC GPH data from sisterships was considered as a broad benchmark. New design, add to database. 42/42/42/42

- Spirit 46 - Sagapo. Comparisons to Water Witch and others discussed. The dimensions of the spinnaker were of particular interest which yield an unusually short squat shape. The design merits of the extreme overhangs and underwater shape were considered. New design, add to database. 45/45/45/45

- Custom 75 - Isobel. Standard sailplan includes a fathead mainsail. Bowsprit data to be collected and usual table applied for adjustments. New custom design, add to database. —69/-69/-69/-69.

- Jeanneau SO 49 - Avalon. Aftermarket bow thruster, genset and chain. +6 for the bow thruster.

- Irwin 33 MkII - Ajax. The C&C 33 MK1 at 156, and the Irwin 32 (174) and 34 (153) provide good guidelines. Recent sailing performance against a J/24 further refines a fair rating. New design add to database 162/162/162/162

- X 4.0 - Xenios. The Committee notes inaccuracy in the base rating index, given the similar design Ringle X, which is mislabeled as an X4, is in fact an X4.3 in our database and needs to be relabelled. Ringle X and that base rating to be relabelled as x4.3 and modified to correct for distance offset. Xenios created as our first example of an x4.0. Sail area, length and ballast differences to the other X-Yacht range and similar competitor designs. New boat add to database. 42/42/42/42.

- J/92 - Redline. Modified rudder. Reused original carbon post. Rebuild is class legal to original specifications. No adjustment.

- Pearson 37-2. 1988 design is more similar to the Pearson 34 than it is the Pearson 37, the latter if which is a more racy design. The Pearson 34 (rating 144) has a markedly better keel for upwind work and slightly higher sail area ratio. New

- Email received from Dan Corcoran, owner Strider J/109, enquiring about non-spinnaker ratings relative to J/105 and Frers 33. Dan cited a dilemma in which the optimal setup for racing spinnaker does not include an overlapping genoa, but in non-spinnaker racing would certainly include a genoa. There is frustration that he cannot choose the best configuration in both situations given that they are always distinct fleets. Could the YRA permit the declaration of a different configuration for spinnaker and non-spinnaker racing? The Committee has little choice but to decline this request given the amount of work that it would entail to create and calculate the additional scores, perhaps hundreds, of certificates. Charlie Powers recused himself from voting.

- Discussion of foil assisted designs. The possibility of a pooling resources and undertaking a joint, independent study with ECSA into the rating effect of various foil designs was discussed. The Committee is aware that funding for such a project would be difficult to fund given the lack of any forecast to spend this money. The Committee is also concerned that there are such a wide array of foil designs, and the space is evolving so rapidly that the study may be obsolete before it can be used. Note the YRALIS has not yet received a PHRF application for a foil assisted design. Given PHRF is an observed performance rule, the Committee will rely on real-world performance data if it issues a certificate for a foil assisted design in the future.

- Figaro II. The fleet continues to share its experiences and opinions on the merits of water ballast and overall performance. While the Committee appreciates this input, it will not review the base rating for this class until the end of the 2020 season, when more results and performance observations will have been collected.

- The Chairman once again welcomes expressions of interest from members willing to volunteer their time and expertise to the PHRF Committee. In particular, the Committee is actively seeking greater representation from the following areas:
  - New Rochelle, Larchmont, Mamaroneck, Rye
  - Western LIS, including Eastchester Bay and Manhassett Bay.
  - Eastern Long Island including Port Jefferson.

Next Meeting - September 10th, 7pm. Via Zoom.

Meeting adjourned at 9.30pm.

Respectfully submitted