RYS GLOBAL TEAM RACING REGATTA 2019

SIs ADDENDUM D
Stage One Scoring

The Scoring in Stage One, the Round-Robins Stage, is perhaps new to you. Therefore, the full story, and explanation, is provided for your edification, and importantly clarity and full understanding.

Eight years ago, a number of events were held where there were incomplete Round-Robins. As a result, the winner of the event was decided by the Race Officer rather than the sailors. How could this be? It was because the Race Officer chose when to stop the racing for the day. Had there been one or more races run, another team would have won. Inevitably, in the view of <u>all</u> the competing teams, the wrong team had won.

Bruce Hebbert had heard of an alternative scoring system developed by Dr Geoff Jackson, the inventor of the "Digital N" Course, Random Pairs format and much else in team racing, not to mention inventing how to make micro chips. The answer came back "good teams do not lose races, but anyone can win a race. Thus, the better way to score is using losses." He said talk to any top Match or Team Racer and they will tell you it is not the race they won but the race they lost that is the killer. Bruce did, and they all agreed.

So Bruce came up with the race-loss system. ISAF (now World Sailing) agreed it was a better way of scoring team racing, but as all other Olympic racing used race-wins, they preferred to stay with race-wins.

Disappointingly, RRS Appendix D has other problems such as coping with incomplete Round-Robins, and multiple Round-Robins. Under the race-win system if a certain number of races are not completed, all those races have to be discarded, or not count. It is infuriating for any sailor to sail a race, and then to have it thrown-out, and a serious annoyance if in a discarded race a sailor damaged another boat and lost their damage deposit!

At the RYS Global Team Racing Regatta 2019 we wish for all races to count. Race-losses allows us to count all races.

There is one proviso, and that is to have the two best teams sail the last race in the Round-Robin. For the RYS Global Team Racing Regatta 2019, the winner and second team from the NYYC Global Team Racing Regatta 2018 will compete in Race 66.

You will note that position points are not used to break ties. That is because sailors say the only position in 2 vs 2 that is important is the fourth place. A one-two win can be no harder than a two-three win or a one-three win. That's what the sailors say, and they are who matter in this game.

For multiple Round-Robins, the Match Race system described in RRS Appendix C10.4 will be used; see SIs Addendum D1.6. This allows all races to count, and in the opinion of the professionals is the best way of scoring multiple rounds, especially if the final round is not complete.

Does it work? The race-loss system has been used for seven years, with over 50 events competed in Europe and in the UK using the race-loss scoring system.

External evaluation:

The system has been evaluated by a Mathematician using a series of simulations, ie how close to a predetermined ranking do you get with race-losses by comparison to race-wins when you have raced just 70% of races.

The answer is as follows:
Using race-losses, the correlation with the original order is better for the teams at the top of the fleet, while using race-wins the correlation is better at the bottom. If a full Round-Robin is sailed, the answer is the same.

Conclusion:

At the RYS Global Team Racing Regatta 2019 we are looking for the winner, not who came last. Therefore, the race-loss scoring system is being used for Stage One.