

GULF YACHTING ASSOCIATION, INC.

ORGANIZED 1901 – REORGANIZED 1920

PHRF

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MINUTES FOR THE QUARTERLY REVIEW, JULY 6, 2020

REV A in bold and underlined in: DISCUSSION: VPP PHRF Ratings below

The Quarterly Review was held Mon., July 6, 2020.

Area handicappers joined the conference call with the exception of Lee Eikel who had other commitments.

DISCUSSION: WET OR DRY SAILING:

Many years ago the PHRF committee removed the -6 second dry sail penalty from our by-laws. At the time, all yacht classes were reviewed to determine what the rating issued to the class was based on: either wet or dry sailed. As an example, the J-24 rating was based on the performance of the dry sailed J-24s. Therefore, the Base rating for all J-24s was set at the dry sailed NET rating of 171. Each class was evaluated accordingly.

The question has been raised that this penalizes boats within a class that are different than the basis (wet/dry) established for that class.

DECISION: The following by-laws change was voted in unanimously, to implement immediately, as follows:

APPENDIX – C, ADJUSTMENT GUIDELINES, ITEM 10. Dry Sailing:

- a. A boat that does not have a permanent wet slip or does not have anti-fouling bottom paint, or a boat that has anti-fouling bottom paint but is normally kept out of the water, ~~should state DRY sailed on her PHRF certificate (no adjustment in rating will be made).~~ **the owner must have declared on their PHRF certificate DRY sailed. All other boats will have WET sailed declared on their PHRF certificates. The PHRF committee will decide whether or not the class's BASE rating is based on WET or DRY sailed and will, on a case by case basis, adjust the NET rating by +3 or -3 seconds for the boat within the class that is different.**

CURRENT BOATS THAT QUALIFY AS BEING DIFFERENT THAN CLASS: (As presented in Annual review package) (other boats will be considered on a case by case basis)

HOBIE 33 “VIVA LAS VEGAS” (PONT) DRY -3 SEC

J-27 “DEMITASSE” (SYC) DRY -3 SEC

J-80 “ROCKET” (SYC) DRY -3 SEC

J-80 "SEA YA" (PYC) DRY -3 SEC
 J-80 "CATTY TWO (SYC) DRY -3 SEC
 WAVELENGTH 24 "AVOCET" (BBSC) WET +3 SEC
 WAVELENGTH 24 "WASP" (SYC) WET +3 SEC
 COLGATE 26 "CHARLIE'S ANGEL" (PCYC) DRY -3 SEC
 COLGATE 26 "TROUT" (NOYC) DRY -3 SEC
 COLGATE 26 SD "GOOD STUFF 2" PONT DRY -3 SEC
 J-24 "DAT YAT" (PCYC) WET +3 SEC
 J-24 "BUSHWACKERS (STAB) WET +3 SEC
 J-24 "NEW WAKE" (FYC) WET +3 SEC
 S-2 7.9 "PREDATOR" (PONT) WET +3 SEC
 J-22 "TIGRESS" (FYC) WET +3 SEC
 J-22 "PINGO TOO" (BUCYC) WET +3 SEC
 CATALINA 22 SK "JANELLA" (PTYC) WET +3 SEC

DISCUSSION: USE OF SYMMETRICAL AND ASYMMETRICAL SPINNAKERS FOR CRUISING BOATS:

Currently, a production boat not rated as ODR can, for no change in rating, change to an asymmetrical spinnaker not greater than 114% of a standard J pole symmetrical spinnaker, tacked to a sprit/structure not greater than J+1.5'. Our by-laws go on to say that a boat can only carry asymmetrical or symmetrical, not both and it must be declared on their certificate. The only boats that have opted for this change have been the heavier displacement type boats.

It is proposed that the heavier displacement type boats not rated as ODR and have a SA/DSPL value less than 20.01, be allowed to carry both the asymmetrical (tacked to either the J or the J+1.5') and the standard symmetrical spinnaker if the SPL is not greater than J. The largest of both type spinnaker dimensions must be carried on their PHRF certificate. No change in rating.

DECISION: The following By-laws changed was voted in unanimously, to implement immediately:

- e. Production boats not rated to class rules may fly Asymmetrical spinnakers (including cruising spinnakers and gennakers) tacked to an adjustable lanyard which runs through a block attached to the tack point of a non-articulating structure, such as a bracket, pole, etc., extended parallel to the water at the same level above the water as the jib tack point, with the following limitations:
 - e.1) For no change in rating, an asymmetrical spinnaker not greater than 114% of a standard J pole symmetrical spinnaker may be tacked to a sprit/structure not greater than J + 1.5'.

- f. A boat **not rated as ODR and has a SA/DSPL value greater than 20.0**, may carry symmetrical or asymmetrical spinnakers, not both, and choice must be declared on PHRF certificate, otherwise PHRF certificate will be for symmetrical only.

- g. **Boats that meet the provisions in 1. e. 1) above and have a SA/DSPL less than 20.01, may also include a standard symmetrical spinnaker and SPL equal to their J dimension and not be penalized for the addition. Only one type spinnaker can be used at a time except while changing from one to the other. The largest of both type spinnakers must be declared on their PHRF certificate.**

DISCUSSION: VPP PHRF Ratings:

The ORRez group has proposed a VPP PHRF program, developed as an entry level rating system based on the VPP programs developed by ORR/ORA and used for ORRez certificates. These entry level ratings are defined as VPP BASED PHRF ratings. The PHRF ratings are based on the TOD (Time On Distance) ratings developed for W/L (Windward/Leeward), RLC (Random Leg Course), UWC (Mostly Upwind Course), and OWC (Mostly Offwind Course) course types, for spinnaker and non-spinnaker ratings.

The VPP PHRF ratings are all based on the relative difference from the control boat (in this case the standard J/35 rating of 72 for all the course configurations). It does not matter which boat is used as the control as the relative differences between the boats would be the same. Only one wind condition is provided and is developed (or blended) from the different wind conditions used for the full ORRez certificates, such as light wind and/or medium wind.

The US Sailing endorsed Regatta Network scoring system (used by many GYA clubs) handles 3 course configurations (used by Southern California) that race committees can choose from.

Our GYA PHRF committees have long considered expanding our GYA PHRF ratings to a multiple rating system. Many other PHRF rating Regions currently have multiple course ratings. Multiple course ratings are considered more equitable for competitors. Past discussions failed to gain a consensus primarily due to the subjective approach necessary to develop the different ratings. The ORRez VPP PHRF approach, based on the ORR/ORA Velocity Prediction Program, offers a time on distance PHRF rating for the 4 different course configurations, for both spinnaker and non-spinnaker racing. The VPP program is based on a scientific approach developed by engineers and naval architects. ORR, ORA and ORRez rating systems are based on this VPP program and have been in use for many years.

See the attached sample of VPP PHRF (provided by the ORRez group) ratings developed from existing GYA ORRez certificates for multiple courses, medium wind, spinnaker and non-spinnaker.) (The remaining approximately 400 boats without ORRez certificates would use their PHRF certificate data (submitted by the PHRF committee to the ORRez group) to develop the VPP PHRF certificates.)

DECISION: The PHRF committee has tabled this discussion as we gain more input from our Assistant Handicappers, Offshore Race committee members, and GYA sailors. **If the decision is to change from our GYA PHRF to the GYA VPP PHRF system the initial cost for 473 boats would be borne by our rating committee and covered by your next PHRF renewal. Future new boats would have to pay the initial costs (\$35 for boats in the VPP system and \$100 for boats not in the VPP system where a hull form has to be built.). The cost of future renewals (estimated at \$35.00) would be incurred either on an annual basis or when a major change in the VPP program is made or modifications are required for existing certificates. See the attached proposed GYA VPP PHRF numbers for boats that currently have ORRez certificates (Sample of 478 total GYA boats).**

Comments are welcomed and should be directed to the Area Handicapper for your area or directly to Tom Beery. (Please provide your comments by email to gya.phrf@gmail.com.)

PROVISIONAL RATINGS: (since the last meeting)	BASE	NET	COMMENT
J-88 ODR "EASY" (SABYC)	87	87	
MOORE 24 "BLOOM" (PONTYC)	165	165	
MINUTEMAN 15 CAT BOAT "MEOW" (SYC)	312	312	
DECISION: All above ratings affirmed at this meeting (unanimously)			

NEW BOAT TO RATE: CATALINA 275 SD ODR SPORT "LIMEY" (FWYC)
DECISION: The committee voted unanimously to set the rating as: 183 183

GYA PHRF BY-LAWS: Go to gya.org/phrf or gya-phrf.com for a complete copy of our by-laws.