CIVL 2022 PLENARY – ANNEX 33N
BELGIUM – PROPOSAL FOR S7E WPRS

Purpose

Modify the Pq formula in WPRS, to encourage participation of more moderately ranked pilots.

Current rule

2.3 Participant quality (Pq)

Presumption: A competition with maximum quality of participants would be a competition where all the top ranked pilots participated.

For Paragliding XC, Aerobatics, Hang gliding

To find **Pq** we use the last ranking prior to the competition and find the sum of ranking-points for the top 1/2 ranked pilots that are entered in the competition. Then we find the sum of ranking-points as if those pilots would have been the top ranked pilots of the world. This gives us 1.0 if the top ranked pilots had actually entered and 0.0 if no ranked pilots are entered.

To avoid **Pq** = 0 for comps with no ranked pilots set a lower limit of 0.2.

$$Pq = Pq\_srp / Pq\_srtp * (1 - Pq\_min) + Pq\_min$$

Pq_srp = "sum ranking-points of the top 1/2 ranked participants"
Pq_srtp = "sum ranking-points if they had been the top-ranked pilots of the world"
Pq_min = "minimum Pq"

Virtually no competition will get Pq = 1.0. Top competitions may get between 0.7 and 0.8 and there will be a difference between these.

For Paragliding Accuracy

We calculate this parameter within the same number of pilots (first ½) but limited to 30.

Pq_srp = "sum ranking points of the top 1/2, max 30, ranked participants"

Proposal

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$$Pq = Pq\_srp / Pq\_srtp * (1 - Pq\_min) + Pq\_min$$

Pq_srp = "sum ranking-points of the top 1/4 ranked participants"
Pq_srtp = "sum ranking-points if they had been the top-ranked pilots of the world"
Pq_min = "minimum Pq"

Virtually no competition will get Pq = 1.0. Top competitions may get between 0.7 and 0.8 and there will be a difference between these.

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We calculate this parameter within the same number of pilots (first ½) but limited to 30.
Pq_srp = "sum ranking points of the top 1/2, max 30, ranked participants"

Rationale

The current formula pressures the organizers into attracting top ranked pilots mostly in order to attract top ranked pilots. This was somewhat reduced by an earlier modification from "all participants" to "top 1/2 ranked participants".

But with the "Nationals" also being privileged in selection, and little understanding by most organizers of the formula, they still believe they need to take as many top ranked pilots, to reinforce the circular reasoning. The organizers even go further than half, to guarantee at least 1/2 of those will actually attend are top pilots. Many lower ranked, though skillful, do not get selected or have to wait a long time until so.

Additionally, the current formula creates a multi-tier circuit where good but unranked pilots can only attend poorly paying competitions that have little chances to become more rewarding, as too few high ranked pilots will attend those. By lowering that barrier more competitions will become attractive to high ranked pilots who will in turn share their points with other pilots, based on their merits instead of being already induced into the elite to begin with.

In conclusion: this adaptation makes more competitions attractive while not removing attractivity to the most wanted competitions, and encourages competent lower-ranked but qualifying pilots while making it slightly less skewed towards elites.