Date: 16 December 2021
Proposal submitted by: IGC/SC3 Annex D Sub-Committee

This proposal is a: Year-1 Year-2 Other

Type the text changes in the space below (show deletions as strike-through and additions as bold underlined):

New addition of chapter 8:

8 COMPETITIONS USING THE E-CONCEPT GLIDING COMPETITION RULES

8.1 RATING OF E-CONCEPT GLIDING COMPETITIONS
All E-Concept gliding competitions will be subject to the application of Ranking List calculations as defined in section 5 of these rules to determine their Rating and Quality factor.

8.2 PILOT RATING SCORE
Any pilot who has made a competition start receives a Converted Pilot Score which is the E-Glide final placement converted to a 1000 points system:

\[
\text{Converted\_Pilot\_Score} = 1000 - 400 \times (\text{Pilot}\_\text{Place} - 1) / \text{Number\_of\_Pilots}
\]

Similar to 5.6 the Converted Pilot Score is then used to calculate the Pilot Rating Score:

\[
\text{Pilot\_Rating\_Score} = \text{Competition\_Rating} \times \text{Converted\_Pilot\_Score} / 1000
\]

Type the reasons in the space below: The IGC Ranking List was originally developed with traditional competitions using the 1000 points system in mind. Later SGP was added by converting the place-based scoring system into 1000 points, which then can be further processed as a traditional competition. The revised formula, approved by the plenary in 2021, seems to work well. Ever since the first E-Glide in 2019 the question was how to handle time-based scoring. The first two E-Glide results were manually converted into SGP placement scores and then further processed as an Qualifying SGP competition.

At the time of the third E-Glide the new SGP formula was in place and SeeYou+SoaringSpot supported time-based scoring. A test was made to slightly modify the SGP algorithm to work with the E-Glide results with essentially the only modification being that zero score no longer is excluded, because in a time-based scoring system the winner has a zero score. That seemed to work well from a computational point of view.

We understand that there might be other ideas for how the final placement in an E-Glide competition can be better reflected as a Ranking Score -- and we encourage everyone to propose ideas. Until then we need to put calculation of E-Glide results on a firm legal basis, if only provisional.

Provide supporting data or reference to external documents for the proposed technical amendments in the space below:

The proposal should be applicable from: 7 March 2022
Sporting Code Volume: Section 3, Annex D
Heading of section: 8 "Competitions using the E-Concept Gliding Competition rules"
Number & heading of the paragraph: 8.1, 8.2
Page number(s) if appropriate: See the next page!
Approved Amendment (if applicable):

Final Wording of Proposal:

Overall Votes Cast: [ ] For: [ ] Against: [ ] Abstain: [ ]

ADOPTED: Yes: [ ] No: [ ]