INTERNATIONAL GLIDING COMMISSION (IGC) - PROPOSAL FORM

Submit the proposal via email to IGC Secretary.

Date: 16 December 2021

Proposal submitted by: IGC/SC3 Annex D Sub-Committee

This proposal is a:

Year-1		Year-2		Other	✘

mark the boxes with ✘ as appropriate

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

New addition of chapter 8:

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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:

$$Converted\_Pilot\_Score = 1000 - 400 \times (Pilot\_Place - 1) / Number\_of\_Pilots$$

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

$$Pilot\_Rating\_Score = Competition\_Rating \times Converted\_Pilot\_Score / 1000$$

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.

SC3D_2021_v2.pdf

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

Version/Edition: 2021 Edition valid from 1 October 2021

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:

Approved Amendment (if applicable):

Final Wording of Proposal:

Overall Votes Cast: ☐   For: ☐   Against: ☐   Abstain: ☐

ADOPTED: Yes: ☐   No: ☐

Continue on the next page(s) if necessary