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To CIVL - Bureau

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Proposal from Switzerland: AirScore as Scoring Software

In our opinion, scoring of Category 1 XC competitions needs to be improved. We welcome the CIVL Bureau decision to make this CIVL's responsibility in the future, by providing a score keeper.

On the software side, we still see some room for improvement. CIVL used to rely on its own software for scoring, FS, which was the source of the first edition of Section 7F ("Scoring for centralized XC competitions"), and which was been kept in sync with all changes in S7F over the years. Since FS is old technology and has become very hard to maintain, CIVL decided to support the development of a new system, AirScore. This work is done, AirScore has been ready for some time now. But instead of a clean switch to AirScore, we experienced a rather chaotic situation over the last few years. For example:

- The 2021 PG World Championships were scored with CompCheck, which demonstrated considerable deviations in its calculations from the specifications in S7F.
- In 2022, the PG European Championships were initially scored by AirScore. In the middle of the competition, due to some confusion (that could have been easily resolved by involving Antonio Golfari, Stuart Mackintosh, or Jörg Ewald), the whole scoring was switched to a third software, SVL from Daniel Diomov. This software had never been used in any previous high-level competition, and the validity of its calculations were never verified by CIVL beforehand.

To us it is clear that AirScore is the right system to move forward with, for several reasons:
1. CIVL already invested time and money in AirScore
2. AirScore was developed from the grounds up by a group of developers, mainly Antonio Golfari and Stuart Mackintosh. This ensured an understandable, maintainable architecture that will make further changes and improvements easy. This in contrast to "single-developer" software, which usually is very hard to be maintained by outsiders because the original developer never had to explain themselves to others during development.
3. AirScore is open source, which ensures maintenance and availability even once the original developer(s) fade out

Therefore, we propose the following to the 2023 CIVL Plenary:
From 2023, all XC Category 1 competitions are scored with AirScore, with FS as a fallback in the first year.

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