



# International Amateur Radio Union Region 1

2017 General Conference – Landshut, Germany

15 – 23 September 2017

Subject	<b>Working group to define common set of rules for “contest robots”</b>		
Society	<b>ZRS</b>	Country:	<b>Slovenia</b>
Committee	<b>C5</b>	Paper Number	<b>LA17_C5_40</b>
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IARU Region 1 VHF and up contest are nowadays routinely checked by the software applications, commonly known as “contest robots.” During the 2016 interim C5 meeting in Vienna, I took an action item to organize an evaluation of the various VHF contest robots throughout Europe. Detailed analysis will be presented at the IARU Region 1 2017 conference in Landshut.

One of the evaluation outcomes clearly points to the lack of common interpretation of the contest rules in the areas of corner case situations. Analysis showed that about two-thirds of errors are easily and uniformly detected by any contest robot, while the remaining one-third of the error types need more precise definition how to deal with them.

To discuss the implementation details of the cross-check algorithms and to define clear log checking rules a team of subject matter experts is needed.

**It is proposed to create a team of experienced VHF testers and contest robot owners/designers to define common checking rules for automatic contest adjudication applications.**