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| **Subject** | VHF and up trophy | | |
| **Society** | IARU Region 1 | **Country:** | N/A |
| **Committee:** | C5 | **Paper number:** | NS20\_C5\_22 |
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**Abstract :**

The IARU Region 1 Contest Robot is available to collect all the logs uploaded by any single participant or in bulk from authorized VHF Contest Managers.

Actually, IARU Region 1 evaluates only four of these contests (June 50/70 MHz, September 144 MHz, October UHF & µW, November Marconi VHF CW) , for the other Subregional contests (March-May-June-July) the robot collects only the logs to be used by the VHF Contest Managers for their national crosscheck purposes.

The robot collects these logs disregarding the EDI log file header, and any category code (PSect tag) is accepted by the server and the log is stored.

This is possible because IARU Region 1 doesn’t evaluate the Subregional Contests and doesn’t publish any international classification for these contests.

**Proposal :**

Contesting provides a competitive environment that appeals to new younger entrants to Amateur Radio and stimulates technical innovation, which is another essential aspect of our activities.

The C5 Contest Working Group (C5CWG) is working to increase the participation of all contests in all bands, in particular on µWaves, because we strongly believe that any contest classification is clear evidence of activity in those bands.

Therefore, the C5CWG proposes to evaluate also the Subregional Contests (March-May-June-July) and publish an international classification for them.

Once we have all these results we can produce a final yearly classification that comprises all the scores achieved during the year from a station, on the same band and category, creating a yearly Trophy that follows what already exists in many of our MS.

Since, as mentioned, the categories in use in many MS differ from those of IARU Region 1, it is necessary to map these categories and bring them back to those used by IARU Region 1; this implies that the C5CWG will have to collect these categories (and related code used in the EDI file), and in agreement with the VHF Contest Managers of the various MS indicate which IARU R1 categories correspond to.

Once the C5CWG has this information, the contest robot will be modified accordingly to allow the automatic upload of the various logs without the manual modification of the category (PSect tag) by the participants or the VHF Contest Manager, assigning the agreed IARU R1 category.

Last, we need to find which bands are used in the entire region at the same time during every Subregional contest.

In some countries, these bands might be different, especially in June Subregional Contest when, as far as we know, all the MS are active on 1,3 GHz & Up, but some of them are active on 144 and 432 MHz too.

It is obvious that if we want to have fair competition for all, we should take care of this, and use for that contest only the bands used by all countries.

Just to give an example of what it could be the Trophy sections and its calendar you can see here a draft :

***Contest sections***

*145 MHz band:*

• SINGLE (SO): single operator entries.

• MULTI (MO): multi operator entries.

• SINGLE LOW POWER (SO-LP): single operator low power entries.

• MULTI LOW POWER (MO-LP): multi operator low power entries.

• 6HOURS (6H): 6 hours entries.

*435 MHz band:*

* SINGLE (SO): single operator entries.
* MULTI (MO): multi operator entries.
* SINGLE LOW POWER (SO-LP): single operator low power entries.
* MULTI LOW POWER (MO-LP): multi operator low power entries.
* 6HOURS (6H): 6 hours entries.

*1.3 GHz, 2.4 GHz, 3.4 GHz, 5.7 GHz, 10 GHz bands and for the Millimetre group (the combined*

*group of amateur bands above 10 GHz):*

* SINGLE (SO): single operator entries.
* MULTI (MO): multi operator entries.

***Contests calendar for 145 MHz :***

* March Sub-Regional Contest
* May Sub-Regional Contest
* July Sub-Regional Contest
* IARU R1 VHF Contest (September)
* Marconi Memorial Contest (November)

***Contests calendar for 435 MHz :***

* March Sub-Regional Contest
* May Sub-Regional Contest
* July Sub-Regional Contest
* IARU R1 UHF & µW Contest (October)

***Contests calendar for 1.3 GHz, 2.4 GHz, 3.4 GHz, 5.7 GHz, 10 GHz bands and for the Millimetre group (the combined group of amateur bands above 10 GHz) :***

* March Sub-Regional Contest
* May Sub-Regional Contest
* June Sub-Regional Contest
* July Sub-Regional Contest
* IARU R1 UHF & µW Contest (September)

C5CWG propose to use 2021 year to start to collect all the information needed, prepare the contest robot, and finalize Trophy rules with bands/sections, then start with the official IARU Reg. 1 VHF & Up Trophy in 2022.