



# International Amateur Radio Union Region 1

## C5 Contest Working Group

**Commentary to the “RULES IARU R1 50/70 MHz, 145 MHz and UHF/MICROWAVES CONTESTS”**  
**1<sup>st</sup> of Jan. 2018**

### What has been added or changed:

The objectives of the contests have been added.

The 6HOUR (6H) section can be entered by a single operator (SO) station and by multi-operator (MO) stations. There are no separate 6H sections for SO and MO stations.

The new Low Power sections (SO-LP, MO-LP) restricts the output power at your transmitter antenna connector (the one feeding antenna cable) to 100W PEP maximum. This section also restricts the number of antenna systems to one, either directional or omnidirectional. It is important to note that the same antenna must be used for TX and RX. If using high gain omnidirectional antenna array then it must be used with its full omnidirectional pattern for TX and RX.

Self-spotting is permitted on all media except the DX Cluster. Self-spotting on the DX cluster is strictly forbidden. Self-spotting on QSO arrangement platforms, like ON4KST, is allowed although sending lots of self-spots is not recommended and is discouraged.

The definition of what is a valid QSO has been added.

In June contests only (50MHz and 70MHz), Machine Generated Modes (MGM) can also be used to establish a contact. Every MGM contact shall be properly marked in the LOG with EDI mode code 7. Every MGM contact needs to exchange over the air all of the required contest QSO information, report, sent number and full 6 character locator. Currently there are not many contest logging programs that would support logging MGM QSOs. “MINOS” by G0GJV is one of the (free) contest logging programs that supports MGM; C5 Contest Working Group requests authors of other popular contest logging programs to add MGM QSOs logging. Also, not many MGM are capable of exchanging all the required contest QSO information. At the present time, MGM that are capable of exchanging the required contest QSO information are JT6M, JTMS, FSK441 or ISCAT. In the future, other MGM may also be suitable but they can only be used if they are capable of exchanging of all of the contest QSO information.

The header of the EDI format log shall contain as a minimum the following fields:

- Callsign and WWL used (PCall and PWWLo)
- Section and band (PSect and PBand)
- Operators callsigns (RCall for SO entries, RCall and Mope1, Mope2,... for MO entries)
  - SO entries shall have RCall declared
  - MO entries shall have RCall and at least one Mope1 callsign declared
  - 6HOUR entries shall also properly indicate number of operators
- E-mail address (RHBBS)
- TX power in watts (SPowe)
- Antenna (SAnte); it shall be clearly identifiable how many antenna systems were in use
  - Examples of declaring antennas being used:
    - 9el Yagi
    - 15el DL6WU
    - 4x11el DK7ZB

- 4x4el+4x9el+2x15el
- 4x(4x9el)+18el
- 280el, 4 antenna systems

If the header does not contain the required fields, LOG will be rejected by the IARU contest server!

To enter the overall results classification in the October contest, you must operate on at least two bands.

SO entries (only one operator declared) to the 6HOUR section on 435 MHz will be included in the Overall SO classification if the entries on all bands are SO. MO entries to the 6H section on 435MHz will be included in the Overall MO classification.

The band multiplier definition for the overall score in the October contest has been clarified.

The following rule changes from the Landshut general conference have been updated:

- SO-LP and MO-LP, we changed single directional antenna to single directional or omnidirectional antenna system
- the introduction of yellow/red card penalization scheme is deferred