



# International Amateur Radio Union Region 1 2014 General Conference – Varna-Albena, Bulgaria

21 – 27 September 2014



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|-------------------|---|----------------------|------------|
| <b>Subject</b>    | <b>Adding a note in Chapter 11.1.5 in the VHF-Managers Handbook</b> |                      |            |
| <b>Society</b>    | DARC  | <b>Country:</b>      | Germany    |
| <b>Committee:</b> | C5  | <b>Paper number:</b> | VA14_C5_06 |
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## Adding a note in Chapter 11.1.5 in the VHF-Managers Handbook

### Introduction:

After introduction of the Opera 5 mode at VHF/UHF/SHF beacons a strong decrease in number of beacon spots in the DX-cluster network has been realized. From our point of view the main reason for this development is the actual proposed scheme of transmitting sequence with transmitting MGM following immediately after transmission of the carrier.

### Background:

It seems that the MGM transmission right after the transmission of a carrier causes a listener to tune off the frequency since he expects a CW-ID for identifying the origin of the carrier.

To improve the situation the sequence of transmitting at beacon DB0MMO was modified to “carrier – CW-ID – MGM”. The result was an increased number of spots in the DX-cluster network.

After introduction of the modernized beacon transmitting sequence at 2011 Conference in Sun City first experiences have been gathered. The current observations suggest improvement by giving the system operator more options of the sequence.

### Key point and proposal:

In some cases it might be useful to transmit the CW-ID right after the carrier improving the probability to be spotted if a listener has no means for decoding MGM. The beacon operator should be allowed to use another order of transmission.

### Recommendation:

To add a footnote in chapter 11.1.5 saying that the pictured transmitting sequence is only exemplary and may vary to another sequence (e.g. carrier – CW-ID – MGM) in order to increase the chance for manual observation.