International Amateur Radio Union
Region 1
VHF - UHF - MW Newsletter

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Timetable and deadlines South Africa Conference (Sun City, 12 - 19 August 2011)

You are invited to submit papers for consideration by the Conference. Papers must be submitted by e-mail to the Conference Secretary at secretary@iaru-r1.org by **12 April 2011**. Please ensure that papers reach the Secretary by this date. Late papers may not be accepted.

Please follow the instructions: http://www.iaru2011.org.za/

6m Beacon Frequency (by Stefan Streif, HB9TTQ)

At the Vienna conference in February 2010 we agreed about the proposal VI10_C5_B02 "QSY of 6m beacons to 50.400 MHz". It is now on the agenda to be ratified at the IARU-R1 Sun City conference coming August.

After the Vienna conference some of our members told me that they are not happy with this proposal, and that I would have to stop this at all cost. In the forum of the UK Six Meter Group UKSMG, I found some mails with a similar content.

I now could write a new proposal to the effect that the beacon band should remain as is, or one that would in effect be a new bandplan for the whole six meter band. Then we would have to discuss this point again in Sun City. But before I do this, I would like to ask you other VHF Managers what you think is the best way to manage this dilemma. Please send me a mail with your opinion (hb9ttq@hb9ttq.ch).

IARU Contest Robot Algorithm

The following is a brief description of the algorithm of the contest evaluation program (http://iaru.oevsv.at) to be discussed as part of the contest evaluation (My thanks go to Barbara Langwieser, OE1YLB, for the formulation of this algorithm).

First, a table of all QSOs is generated. It includes callsign received, WWL received, section. A counter shows how often the callsign with the respective WWL has been received in the section.

Then all QSOs are checked individually:

If the QSO partner has not submitted a log, the above-mentioned table is searched to find out if other participants have worked this partner in this section.

- If the received callsign is identical, and if the counter shows 1, the QSO is "unique" and valid.
- If the received callsign and the received WWL match, and if the counter shows more than 1, the QSO is valid.
- In any other case, the QSO is invalid (wrong callsign, wrong WWL).

If the QSO partner has submitted a log, the partner QSOs are searched:

- If no QSO is found with the own callsign, the QSO is invalid.
- If a QSO is found, and if the partner has wrongly logged the own callsign, the partner QSO is invalid.

If both callsigns have been logged correctly, time, RST received, consecutive number received, and WWL received are compared

- If the time is off by more than 10 minutes, the partner QSO is invalid.
- If the data received (RST, number, WWL) do not match, the own QSO is invalid.
- In any other case, the QSO is valid.

Then every QSO is checked.

Preparing a Web Conference

Prior to the upcoming conference, and after all proposals have been received, I want to start a Web conference in order to co-ordinate the agenda in advance, and to improve the efficiency of the proceedings during the conference in South Africa. Expect further information as soon as the timing has been determined.