



International Amateur Radio Union Region 1
General Conference - 16th to 21st November 2008 - Cavtat, Croatia



SUBJECT	COMMITTEE C5 – Minutes of Meeting 03 v.2		
Society	IARU Region 1	Country:	
Committee:	C5	Paper number:	CT08_C5_meeting 3 Minutes

Notes of the third meeting of Committee C5 – 19 November 2008

Chairman: Michael Kastelic, OE1MCU
Minutes Secretary: Don Field G3XTT

31 present at the commencement of the meeting.

Minutes from Day 2

a) Paper CT08_C5_16

There were several corrections in connection with the minute of this paper. These included:

G8VZV should read G3VZV
SARL voted for, not against.

b) Throughout the day's Minute, in each case where a vote was recorded by VERON, there was a matching (proxy) vote by LRMD.

c) These and other minor corrections have been incorporated into a version 2 of the Minutes, which have been posted to the server to replace the previous version.

Actions from Day 2

Remote Working – report of WG Remote Operation (CT08_05_11)

USKA, ZRS, CRC, NRRL, EDR, UBA, SARA, SSA, RSGB, ARI, OZ8CY (IARU, R1) + ?

The working group noted that there is already an IARU definition that calls for a station to be within a circle of 500m diameter and covers much of what is required:

“No more than one transmitter may be in use at any one time (per band). All the equipment of the station (transmitters, receivers and antennas, etc) must be located within a single circle of no greater than 500 metres diameter.
A participating station must operate from the same location throughout the event.”

HB5.21
VHF: 4.6.2 ...
UHF: 4.7.14.1 ...
ATV: 4.8.2 ...
50MHz: 4.9.2 ...

The proposal was to add an additional paragraph to cover the situation where the operator is remote from the station. This was agreed and is put forward as a recommendation.

CT08_C5_Rec30

To add to the current definition of a contest station the following:

An OPERATOR may reside outside the station's area ("remote station"), connected to the station via a "remote control terminal". In such a case, the Locator for the contest is the Locator of the station's position. An operator may only operate one single station, regardless if it is locally or remotely operated, during the same event.

WG: Internet Voice Gateways (CT08_C5_08), Cavtat, 17-11-2008.

EDR – SSA – UBA – HRS – DARC - USKA.

Additional participants: NRRL, RSGB

The working group reported back, presenting proposals for 50, 144 (two alternatives), 435 and 1296MHz.

144MHz proposal – alternative B was carried with one abstention (DARC)

The proposals for the other bands were carried unanimously.

Therefore the recommendation to go forward is:

CT08_C5_Rec31

Personal internet gateways meant for experimental purposes will have to be dealt with according to national regulations. This should be carried out in accordance to the existing IARU R1 band plan and is not covered by this proposal.

For unattended Simplex (FM) Internet voice gateways, we propose to assign some common simplex frequencies in the VHF-UHF band plans, where to carry out traffic with coordinated, unattended internet voice gateways. The frequencies below will be coordinated by the national repeater coordinator.

50 MHz:

We propose to establish 50,520 - 50,530 and 50,540 MHz as the common frequencies for Simplex (FM) Internet voice gateways.

Change to Usage column needed: 50,520 - 50,530 and 50,540 MHz: Simplex (FM) Internet voice gateway.

All mode segment – no change needed in the mode column.

144 MHz:

We propose to establish 145,2375, 145,2875 & 145,3375 as the common frequencies for Simplex (FM) Internet voice gateways.

Change to Usage column needed: 145,2375, 145,2875 & 145,3375MHz: Simplex (FM) Internet voice gateway.

435 MHz:

We propose to establish 433,950, 433,9625, 433,975, 433,9875, 434,0125, 434,025, 434,0375, 434,050 MHz (not 434.000) as the common frequency segment assigned for Simplex (FM) Internet voice gateways to the Internet.

No change in Mode column.

Usage: 433,950, 433,9625, 433,975, 433,9875, 434,0125, 434,025, 434,0375, 434,050 MHz: Simplex (FM) Internet voice gateway.

1296 MHz:

We propose to establish 1297,900, 1297,925, 1297,950 & 1297,975 MHz as the common frequencies for Simplex (FM) Internet voice gateways.

No change in Mode column.

Usage: 1297,900, 1297,925, 1297,950& 1297,975 MHz: Simplex (FM) Internet voice gateway

WG APRS - CT_C5_I_31 APRS Frequency on the 435 MHz Band

OH5LK reported back on the findings of the WG.

It was agreed to remove the SSTV allocation on 432.500MHz, as this is rarely if ever used and to propose 432.500MHz as an alternative frequency for APRS.

CT08_C5_Rec32

To remove the SSTV allocation on 432.500MHz and to show this as an alternative frequency for APRS.

CT08_C3_49 (recommendation CT08_C3_Rec_26)

RSGB raised a point of order that this recommendation “watered down” the definition of a QSO. RSGB felt that C3 should not have made this recommendation without reference to C5 and, in any case, only C5 can agree what is written into the VHF Managers’ Handbook. **The Chairman will raise this with the Chairman of C3.**

CT08_C5_40 Narrow frequency band on 2 m for an automatic reporting beacons network

The meeting was comfortable with the recommendation in the paper but the suggestion was made that it might be helpful to assign frequencies on 50MHz and 70MHz for similar purposes. 70.030MHz is already allocated for personal beacons and appears to be suitable.

G4ASR reported back on his investigations into suitable frequencies and recommended the use 50.400MHz not only for this purpose but as a possible precursor to a later step to move the beacon band up to that area of 50MHz.

The following recommendation was carried unanimously.

CT08_C5_Rec33

It is recommended that an allocation be made of a 1000 Hz bandwidth channel at 50.400, 70.030 and 144.4905 MHz (+/- 500Hz) for very narrow band and low power automatic and synchronised beacons transmitted by any amateur radio station reporting to a specified data base open to all users. The use of the existing WSPR protocol and modulation is recommended for this purpose.

Agenda Item 11. Contest (continued from Day 2)

CT08_C5_39 CONTEST RULES/PROCEDURES

There was a very wide divergence of views on this paper. As it was, in any case, a late paper, it was suggested that the authors be asked to rewrite it and circulate the revised proposal via the newsletter for feedback before resubmitting the paper to the next Interim meeting of C5. This was agreed. **Action point: F6ETI.**

Paper CT08_C5_30 Exchanging ATV contest logs

After a discussion a minor change was made to the recommendation (referring to the VHF Managers Handbook for submission deadlines rather than specifying a specific timescale). A vote was taken and carried with two abstentions – SSA and PZK.

CT08_C5_Rec34

Each society participating in an IARU Region 1 ATV contest, as well as each society organising sub-regional ATV contests, should be invited to deposit all log entries on the central repository within the timescales stated in the VHF Managers Handbook. The repository should be available to all participating contest managers from that date on for cross-checking purposes.

Paper CT08_C5_32 Electronic logsheet for ATV contests

It was agreed to bring this paper forward to the final plenary meeting and distribute the XLS via the C5 mailing list.

CT08_C5_Rec35

The recommendation is to use the attached worksheet as electronic log sheet to submit ATV contest logs.

Agenda Item 12. Spectrum Requirements

Paper CT08_C5_26 Microwave Spectrum Requirements

G6JYB introduced his comprehensive paper. Given that the latest IARU AC document makes no mention of amateur aspirations in most of the bands below 275 GHz, it was agreed to incorporate the paper (with appropriate editing to make it suitable for that purpose) into a new VHF Managers Handbook chapter. **Action point G6JYB.**

Paper CT08_C5_27 VHF Spectrum Requirements

G4ASR introduced his paper. EDR pointed out that the 40MHz allocation should probably be at a lower frequency than currently used.

It was agreed to incorporate the paper (with appropriate editing to make it suitable for that purpose) into the VHF Managers Handbook. **Action point G4ASR.**

CT08_C5_Rec36

To introduce new chapters into the VHF Managers Handbook covering Microwave Spectrum Requirements, based on Paper CT08_C5_26 and VHF Spectrum requirements based on Paper CT08_C5_27..

Paper CT08_C5_37 Amateur Satellite Service Spectrum - Vienna 2007

This paper had been brought forward from Vienna as it had not been agreed unanimously there. The meeting agreed unanimously that the recommendation be put forward to the final plenary.

CT08_C5_Rec37

**It is recommended that all IARU Region 1 societies request that the following additional Amateur Satellite Service bands be studied and considered, perhaps as a package, for a future WRC agenda item
50-51 MHz**

1240-1250 MHz
2300-2330 MHz
2390-2400 MHz
3400-3410 MHz
5650-5670 MHz (Currently Earth-To-Space only)
10350-10400 MHz

Paper CT08_C5_38 Contest Section in the VHF Managers' handbook

The paper was accepted, with editorial changes that had been made by S53RM and some additional minor editorial changes. To take account of these, the paper will be resissued as CT08_C5_38 (revised). In addition, S53RM had noted a number of open issues which require further discussion. These are listed below and should be taken into account when the contest rules are further discussed on the C5 mailing list.

It was therefore agreed to take the paper CT08_C5_38 (revised) to the final plenary, with the intention that a new draft of the paper be prepared in time for the next Interim meeting in Vienna.

Open issues:

- 42. G - The text from UHF/Microwaves rules should be placed at the end of this paragraph.
- 4.6.1 - This text is now practically the same for all three of these contests. I think we can omit »who are authorized to use 50 MHz« for 50 MHz rules
- 4.6.1 (first sentence) - Maybe we can discuss that? There are many QSO on 50 MHz with stations in IARU reg.2 and 3. Can they participate too?
- 4.6.5 (last sentence) - Maybe we should put in the rules that EME QSOs also do not count for points? It is easy to win the contest on 10 GHz with only one EME QSO and they are EME contests for that purpose.
- 4.6.8 - Replaced by definition in UHF/Microwave rules, which covers all bands
- 4.6.11 - Replaced by definition in UHF/Microwave rules, which covers all awards
- 4.6.13 - Footnotes are from UHF/Microwave contest. Other footnotes have no meaning and (or) are included in this rules
- 4.6.13 - Footnote 1 – needs to take account of recommendation 30 on remote working

CT08_C5_Rec38

Conference is asked to adopt paper Paper CT08_C5_38 (revised) as the basis of revised text for the contest chapter of the VHF Managers Handbook.

Agenda Item 7. Frequency allocations / international bodies

PB2T joined the meeting to give the Committee a briefing on the activities of IARU Region 1 in the context of ITU, CEPT, and other key bodies.

Agenda Item 13. Election of Chairman & Vice Chairman of VHF/UHF/MW Committee

The Chairman felt that, rather than elect a single Vice-Chairman, it would be more appropriate to have a team of co-workers to handle specific specific portfolios, and able to take his place should that be necessary, according to what matters were being discussed at any particular meeting.

The team proposed was:

Sine S53RM - Contest

Murray G6JYB - Spectrum

David G4ASR - Handbook

Graham G3VZV - Satellite

This was agreed unanimously.

One candidate was nominated for Chairman: Michael OE1MCU (nominated by SARL, supported by UBA)

The secret ballot for Chairman was conducted by G3VZV. There were 31 votes, no absentions, all in favour of OE1MCU to remain as Chairman. Hence carried.

CT08_C5_Rec39

That Michael Kastelic OE1MCU be elected as Chairman of Committee C5.

Agenda Item 14. Any other Business

- a) G4ASR noted that it was necessary to identify the Societies to adjudicate IARU contests for the next two years.
- ATV 2009 – UBA
 - REF VHF Contest 2009 – REF
 - UHF Contest 2009 – PZK
 - 6m Contest 2009 – PZK

 - ATV 2010 – REF
 - REF VHF Contest 2010 – SARA
 - UHF Contest 2010 – ZRS
 - 6m Contest 2010 – UBA
- b) G4ASR raised the possibility of a revised beacon band based on 50.400MHz. OZ7IS thought this a brilliant suggestion. **G4ASR was actioned to prepare a draft paper for the next Vienna Interim meeting.**
- c) G4ASR raised the possibility of a requirement for AM centres of activity on the VHF bands. It was felt that this was not necessary, given that AM can take place anywhere in the all-mode segments of the bands.
- d) The Chairman proposed an Interim meeting to take place in 2010 in Vienna (probably in March). This was agreed unanimously.
- e) G4ASR wanted a record made of OZ7IS's brilliant service as Vice-Chairman over the past three years.

The Committee also wished to pass its regards to PA0EZ, former Chairman.