



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



SUBJECT	COMMITTEE C5 – Minutes of Meeting 01		
Society	IARU Region 1	Country:	
Committee:	C5	Paper number:	CT08_C5_meeting 1 Minutes

Notes of the first meeting of Committee C5 – 17 November 2008

Chairman: Michael Kastelic, OE1MCU

Agenda Item 1. Opening

- The meeting observed a minute's silence in remembrance of the late SP7NJX
- The agenda was approved with minor corrections (reissued as version 8 (final))

Agenda Item 2. Introduction of delegates (proxies shall be mentioned explicitly)

Proxies were noted as follows:

- URE Spain for URA Andorra
- RAAG Greece for CARS Cyprus
- USKA Switzerland for AFVL Liechtenstein
- VERON Netherlands for LRMD Lithuania
- DARC Germany for ARRSM San Marino
- SARL South Africa for NARL Namibia
- EDR Denmark for FRA Faeroes
- SSA Sweden for IRA Iceland

Those present at the commencement of the meeting:

OeVSV OE1MCU – Chairman
VERON PA5G
VERON PB0AOK
SARL ZS1YT
EDR OZ7IS
SRAL OH5LK
NRRL LA5KV
SSA SM7GVF
UBA ON6TI
OeVSV OE5MPL
IRTS EI1CS
USKA HB9TTQ
HRS 9A2EY
DARC DJ3HW
DARC DL1YBL
URE EA3BRA
RAAG SV1JG

Maria (Greece) - observer
REF F6ETI
REF F6IOC
VERON PA5KM
CRC OK2ZI
ZRS S53RM
SARA OM3EI
ARI I5CTE
PZK SP6LB
PZK SP5QAT
ARM 3A2CR
IARU Region 3 VU2GMN
RSGB G6JYB
RSGB G4ASR
RSGB G3VZV
IARU G3XTT – Minutes secretary

(there were several changes in attendance in the course of the day)

The Chairman recommended that voting for most matters would be by a show of hands. However, the vote for Chairman and Vice-Chairman would be through a secret vote. This procedure was agreed by the Committee unanimously.

Agenda Item 3. Setting up ad hoc Working Groups

- None required at this stage.

Agenda Item 4. Report from the Chairman – report was sent out via the C5 mailing list. (C5.21)

Propagation – Michael will contact Costas SV1DH to see if he can help.

Agenda Item 5. Report of the Vienna 2007 meeting

Action points:

- Remote operation in contests - done
- Aircraft scatter operating procedure - done
- 144.000 EME band segment – done
- Co-ordination of beacon power thresholds – done
- Fallback plan for 23cm – done
- 70cm & 23cm Gateways – done

VHF Managers' Handbook:

- Propagation chapter (in progress)
- EME section (in progress but needs to be chased)
- Aircraft scatter operating procedure (in progress)

Agenda Item 6. Report from the coordinators

- a. Allocations coordinator – no report
- b. Records coordinator – appears as paper 43
- c. Beacon coordinator – no report
- d. Satellite coordinator – appears by way of papers 3 and 42

Paper CT08_C5_03 recommendations (to be incorporated in the VHF Managers' Handbook):

CT08_C5_Rec01

Member Societies are recommended to work closely with the IARU Satellite Adviser and his Advisory Panel, and with their national administrations, with respect to requests for satellite frequency coordination originating in their respective countries,

CT08_C5_Rec02

Member Societies are recommended to promote the proper use of amateur frequencies consistent with the international Radio Regulations, with a view toward maintaining the integrity of the amateur service and its frequency allocations as well as promoting the success of amateur satellite activities in their country.

An **action point** was also placed on **OE1MCU** to suggest to Hans van de Groenendaal that he draft an additional recommendation that there is earlier communication between the amateur community and the universities, and to produce a checklist for the universities on how to work with the amateur community on aspects such as preferred payloads.

Agenda Item 9. Technical Recommendations

(this item was taken out of sequence as the papers were related to matters being discussed in other committees)

Paper CT08_C5_20, Recommendations – agreed unanimously

CT08_C5_Rec03

That the IARU-R1 Amateur Satellite coordinator (or another agreed designate) is made directly responsible for a thorough review and replacement of the chapter

CT08_C5_Rec04

That the IARU-R1 Amateur Satellite coordinator (or another agreed designate) liaise with those National Societies and their Amsat counterparts who have an interest in this topic, and encourage dialogue between them.

CT08_C5_Rec05

That a first full draft of the new Chapter be distributed via the IARU-R1 VHF Managers' Reflector or Newsletter in order to gain additional feedback as soon as practical

CT08_C5_Rec06

That the result of recommendation CT_C8_05 is presented for adoption, no later than the next Interim IARU-R1 Conference

CT08_C5_Rec07

That the new Chapter (CT08_C5_05) need not include all material directly. It may reference material on the internet on condition that they are at stable, well known and maintained addresses under IARU control

Paper CT08_C5_21, Recommendation – agreed unanimously (to be taken forward to C4 – change from paper 21 is that *repetitive* replaces *repeated*)

CT08_C5_Rec08

That the following definition for a beacon be included in the VHF Manager's Handbook: Beacon - a station in the Amateur Service or Amateur-Satellite Service that autonomously transmits in a defined format, which may include repetitive data or information, for the study of propagation, determination of frequency or bearing or for other experimental purposes including construction.

Paper CT08_C5_24. Recommendations (agreed with two abstentions – DARC and ARRSM). Recommendation CT08_C5_09 modified to read National Societies rather than Administrations.

CT08_C5_Rec09

National Societies should encourage the deployment of multi-band beacon clusters covering low VHF between about 30 MHz and about 70 MHz.

CT08_C5_Rec10

Deployed beacon clusters should wherever possible provide signals at around 40 MHz and around 60 MHz.

CT08_C5_Rec11

Amateurs should be encouraged to set up and maintain automated monitoring stations and to contribute the measurement results to the community.

CT08_C5_Rec12

A common transmission format should be adopted to aid the reception of multiple clusters

An **action point** was placed on **G6JYB** to provide more detailed information to C5 about the beacons, including circuit and construction information, etc.

Paper CT08_C5_36. A small sub-group comprising G6JYB, OZ7IS, LA8KV and OE3MZC was established to review recommendation 5 in the paper, to find a set of words to replace the existing ones, by midnight, as some representatives were concerned about simply removing the footnotes concerned.

Agenda Item 8. Operational matters (Paper 34 is now numbered Paper 41. Paper 35, originally submitted as a C5 paper, had been moved to Committee C3)

Papers CT08_C5_33 and CT08_C5_09

The meeting voted to accept paper CT08_C5_33 at which point EDR withdrew paper CT08_C5_09.

CT08_C5_Rec13

To adopt the APRS “New n-N Paradigm”, as published by WB4APR, for use within IARU Region 1, to ensure World-wide consistency regarding parameter settings, improving the overall APRS network flow, as well as providing a common baseline for future improvements. This also ensures simple user training, and compatibility with all APRS platforms.

By simplifying the network to only accept “WIDEn-N”, and telling users to limit their “N's” to the minimum needed for their own area, a vast improvement in reliability and throughput will be achieved in a common IARU, Region 1 APRS System, and beyond.

The meeting placed an **action point** on **ON6TI** to draw up a form of words to be used in the VHF Managers' Handbook to cover these topics.

Paper CT08_C5_12. The following recommendation was agreed unanimously:

CT08_C5_Rec14

The meeting recommends the adoption of Paper CT08_C5_12 as the basis for an accepted standard for QSOs via Aeroplane Reflections and the adoption of this procedure in IARU Region 1, and the inclusion of the procedure in the VHF Managers Handbook.

Paper CT08_C5_28. After a discussion a proposal was made that G4ASR should rewrite the paper by the start of Day 2, taking into account feedback from the meeting. This proposal was carried as follows:

For: RSGB PZK ARI VERON REF RAAG CARS URA URE ARRSM DARC HRS ARABiH IRTS
OeVSV SARL NARL (17 Societies)

Against: EDR NRRL SSA UBA ZRS SARA (6 Societies)

Abstentions: CRC USKA AFVL SRAL (4 Societies)

Paper CT08_C5_41. It was agreed unanimously to replace DV05_C4_Rec_10 and DV05_C4_Rec_18 by (the text in italics has been changed from the original paper):

CT08_C5_Rec15

It is recommended that RSQ (Readability Strength Quality) reporting *may* be used for digital modes *if applicable* (e.g. PSK31), and that MOS (Mean Opinion Score) reporting be

used for *digital voice*, as a supplement or substitute to the RST (Readability Strength Tone) reporting scale.

CT08_C5_Rec16

The recommendation and the RSQ and MOS reporting scales with notes should be included in the HF- and the VHF Managers Handbook.

Agenda Item 10. Band Planning

a. General

Paper CT08_C5_05. The original recommendation was revised and agreed unanimously as below.

CT08_C5_Rec17

It is recommended that all VHF/UHF/Microwave band plans in the voice repeater section are revised to allow for new digital voice in addition to FM in the “Mode” column of the band plans and to add the following footnote to the band plan: “Additional data traffic is allowed along with digital voice”.

Paper CT08_C5_07. It was agreed that it was necessary to recommend calling channels / centres of activity for digital voice. However, it was felt that the frequencies appearing in the paper were not appropriate. After some discussion the following were felt to be more appropriate:

50MHz Band – Revised proposal is for 50.630MHz as digital voice calling frequency and centre of activity, with 50.620 and 50.640MHz as alternate channels for digital voice operation.

70MHz Band – The proposed 70.325MHz is unacceptable, given that there is no harmonised 70MHz band at this moment in time.

144MHz Band – Add in the usage column of the 2m band plan: 144.725MHz Digital Voice Calling.

434MHz Band – In the segment 433.400 to 433.575MHz – digital voice to be included in the mode column in addition to FM. 433.450MHz to be the digital voice calling frequency.

1296MHz Band – No consensus.

It was agreed that an ad hoc sub-group would meet during the evening to review these proposals and make recommendations during Day 2's meeting.

Committee C5 to reconvene at 0830 on Tuesday 18 November.