



International Amateur Radio Union Region 1 2011 Regional Conference – Sun City, South Africa 12 to 19 August 2011



Subject	Minutes of the Final Plenary, 17 August 2011		
Society		Country:	
Committee:		Paper number:	SC11_Plenary Final
Author:	Dennis Green, ZS4BS		

Present:

Hans Blondeel Timmerman, PB2T, President IARU Region 1 (Chairman)
Dennis Green, ZS4BS (Secretary)

Delegates from AARA, ARA, ARAC, ARAI, ARAS, ARBF, ARM, ARTJ, BFRA, CRAM, CRC, DARC, EARS, EDR, ERASD, HRS, IARC, IRTS, MRASZ, NARL, NRRL, OeVSV, REF, ROARS, RSGB, SARL, SRAL, SRR, SSA, UARS, UBA, USKA and VERON.

By Proxy:

AFVL, AGRA, ARABiH, ARRSM, ARSK, ERAU, FRA, FRR, IARS, IRA, MARS, MRSF, PZK, RAAG, RSM, RSS, TRAC, URA, URAC, URE and ZARS

IARU Officers, IARU Region 1 EC Members, IARU Region 1 WG Chairmen, IARU Region 2 Officers and IARU Region 3 Officers.

The chairman welcomed delegates and observers to the Final Plenary of the 22nd General Conference of IARU Region 1

The agenda for the meeting is approved.

The Election and Ballot Committee collect the voting papers for the EC elections, the 2014 venue election and the election for the ARDF WG Chairman.

Recommendations of Committee C2 – Finance and Credentials

The meeting unanimously approves the minutes of Committee C2.

Recommendation SC11_C2_02 (Paper SC11_C2_04a, SC11_C2_04b and SC11_C2_04c)

That the Region 1 audited financial statements for 2008, 2009 and 2010 be accepted.

Proposed by DARC, seconded by CRAM. Approved unanimously

Recommendation SC11_C2_03 (Paper SC11_C2_05 version 5)

That the Region 1 Outline Budget for 2012, 2013 and 2014 be accepted

Proposed by NRRL, seconded by ARTJ. Carried with one abstention.

Recommendation SC11_C2_04 (Change to Byelaws)

B.4.6 Member Societies who wish to appoint another Member Society to vote by proxy on their behalf, must notify the Secretary at least 24 hours before the opening of the General Conference, which Member Society has been appointed as proxy holder.

B.4.9 The delegation of a Member Society acting as proxy must hold a "Letter of Appointment" signed by an officer of the Member Society concerned. Provided that the letter and its signatures can be clearly identified and verified by the Secretary; electronic scan and transmission of this letter is acceptable.

The Current byelaws

B.4.6 Member Societies who wish to appoint another Member Society to vote by proxy on their behalf, must notify the Secretary at least 30 days before the opening of the General Conference, which Member Society has been appointed as proxy holder

B.4.9 The delegation of a Member Society acting as proxy must hold a "Letter of Appointment" signed by an officer of the Member Society concerned.

Proposed by REF, seconded by HRS. Carried with one abstention.

This concluded the discussion of matters from Committee C2

Recommendations of Committee C3 - Administration and Organisational

The meeting unanimously approves the Minutes of Committee C3.

Recommendation SC11_C3_01 (Paper SC11_C3_34)

To change Rule 9.2 as follows:

9.2 The Chairman of the Jury at an IARU World Championship shall be a member of the Regional Executive Committee or an ARDF International Class Referee designated by the Regional EC. The Chairman of the Jury at an IARU Regional Championship shall be an ARDF International Class Referee authorised by the relevant regional IARU organisation. The designation/authorisation shall be made at least nine months prior the Championship.

Proposed by CRC, seconded by BFRA. Approved unanimously.

Recommendation SC11_C3_02 (Paper SC11_C3_37a)

To add to the constitution

A.1.3.11 Protection of the fundamental, natural and finite resource "frequency spectrum," to keep it clean and undisturbed from man-made electromagnetic

disturbances causing harmful interference to the amateur service and the amateur satellite service.

Proposed by USKA, seconded by RSGB. Approved unanimously

Recommendation SC11_C3_03 (Paper SC11_C3_35b)

1. That IARU Region 1 creates a permanent Political Relations Committee (PRC) consisting of members of the executive committee and Region-1 experts selected by the EC.

2. The PRC deals with relations with political and governmental entities and related matters, with the following Terms of Reference:

i. The Region 1 Political Relations Committee, hereinafter referred to as "PRC", is an advisory body to the Executive Committee, formed according to Art. A.5 of the Constitution and Section B.3 of the Bye-Laws, It is a permanent body in the sense of B.3.10.

ii. PRC shall advise the EC on the matters relevant to monitoring of, or involvement in, works of political entities affecting the interests of the amateur radio services in any matter.

iii. The PRC shall process material and undertake actions delegated to it by the EC. It is responsible to the EC. It is acting in consultation with other relevant Region 1 bodies, e.g. ERC, EMC Working Group, HF Committee, VHF/UHF Committee, Satellite Coordinator etc.

iv. The PRC shall consist of volunteers, persons of special knowledge from Region 1 Member Societies.

4. It is recommended that Member Societies of IARU Region 1 will inform the secretary of the EC of the names and addresses of qualified persons in their Society who could participate in this committee (PRC).

5. The PRC Chairman should be a member of the EC.

6. The PRC takes over the tasks of the EUROCOM WG. The latter is then discontinued.

Proposed by DARC, seconded by ROARS. Approved unanimously.

Recommendation SC11_C3_04 (Papers SC11_C3_11 and SC11_C3_11a and the minutes of the EUROCOM WG meeting held on 13 August 2011 at conference.)

To accept and approve the activity report of EUROCOM WG.

Proposed by DARC, seconded by RSGB. Approved unanimously.

Recommendation SC11_C3_05 (Papers SC11_C3_11 and SC11_C3_11a and the

minutes of the EUROCOM WG meeting held on 13 August 2011 at conference)

To further monitor the situation on EMF exposure regulation and start to assess the consequences of getting a common European solution with ICNIRP limits.

Proposed by UBA, seconded by REF. Approved with one against.

Recommendation SC11_C3_07 (Paper SC11_C3_09 and HST WG Meeting Minutes 13 August 2011)

That the HST WG report and the changes to the rules will be accepted. That the HST WG will decide on the venues of future championships.

Proposed by SRAL, seconded by BFRA. Approved unanimously.

Recommendation SC11_C3_09 (Papers SC11_C3_14 and SC11_C3_14a)

That the activities of the Sponsoring WG will be put on hold until the Region has a Public Relations package.

Proposed by CRAM, seconded by EDR. Approved unanimously.

Recommendation SC11_C3_10 (Paper SC11_C3_06)

This recommendation was merged into Recommendation SC11_C3_Rec_11

Recommendation SC11_C3_11

To change the name of the Radio Regulatory Working Group to the Regulatory Affairs Co-ordinator and endorse the proposed goals and work programme for Regulatory Affairs WG for the next three years.

Proposed by RSGB, seconded by MRASZ. Approved unanimously.

Recommendation SC11_C3_13 (Papers SC11_C3_08 and Document SC11_C3_08a)

To promote activities for handicapped amateurs as part of the International Day of Persons with Disabilities on 3 December.

Proposed by HRS, seconded by ARAI. Approved unanimously.

Recommendation SC11_C3_16 (Paper SC11_C3_32)

To safeguard Morse Code as an Intangible Heritage.

DARC volunteered to take the necessary steps.

Proposed by DARC, seconded by NARL. Approved unanimously.

Recommendation SC11_C3_17 (Paper SC11_C3_33 and SC11_C3_33b)

It is recommended implementing a Public Relation Coordinator within IARU Region 1, ensuring an appropriate funding and producing material that helps societies dealing with public relations topics. The Coordinator should operate under the Terms of Reference as reflected in Paper SC11_C3_33b.

Proposed by USKA, seconded by ROARS. Approved unanimously.

Recommendation SC11_C3_19 (Paper SC11_C3_07)

To accept and approve the activity report of the EMC WG, with the exception that PLT should not be treated as a radio service.

Proposed by NRRL, seconded by SRAL. Approved with one against.

Recommendation SC11_C3_21 (Paper SC11_C3_30)

This recommendation has been duplicated, refer Recommendation SC11_C3_25

Recommendation SC11_C3_22 (Paper SC11_C3_26)

That Member Societies propose candidates for an IARU Region 1 Youth Co-ordinator before 30 September 2011 and that the EC selects and appoints this Youth Co-ordinator.

Each Member Societies appoints a youth co-ordinator and/or establishes a youth working group in order to ensure the growth of amateur radio.

Youth related information and material will be shared amongst societies through the Region 1 web site

To establish an annual youth recognition award

Proposed by UBA, seconded by ARA. Approved unanimously.

Recommendation SC11_C3_23 (Paper SC11_C3_24)

To establish a study group to further investigate interest, feasibility, possible business models, legal aspects, transition, cost and further consequences of a digital amateur radio library.

The study group will be lead by Willi Vollenweider, HB9AMC and to report to the EC by 31 December 2011.

Proposed by USKA, seconded by AARA. Approved unanimously.

Recommendation SC11_C3_24 (Paper SC11_C3_25)

To support the Documentary Archives Radio Communications with an annual amount of CHF 3000 in order to archive the available IARU Region 1 and Member Societies documents and to use them for research.

OeVSV will act as interface between Docufunk and IARU Region 1 and will report on the work at our General Conference(s).

Proposed by SSA, seconded by VERON. Approved unanimously.

Recommendation SC11_C3_25 (Paper SC11_C3_30)

To add the following to the standing recommendations of IARU Region 1.

That member societies establish and maintain a close contact with their national standardisation bodies with the aim of membership and active engagement.

Member Societies should appoint a point of contact, who can be contacted by the EMC WG, in case of comments on drafts, relevant to the amateur service or voting by national standardisation organisations.

Proposed by OeVSV, seconded by AARA. Approved unanimously.

Recommendation SC11_C3_26 (Paper SC11_C3_29)

In order to improve and modernise training material for common topics in the HAREC syllabus, 3D audiovisual files are required. A centralised IARU Region 1 approach is recommended. OeVSV will submit a project plan. This will be funded from the future of amateur radio budget line

Proposed by OeVSV, seconded by SRAL. Approved with one against.

Recommendation SC11_C3_27 (Paper SC11_C3_

That noise level measurements have to be performed. The most cost effective way seems to be the use of the already existing skimmer network.

SSA, OeVSV, DARC and CRC will develop a plan and report by 31 December 2011.

Proposed by MARS, seconded by REF. Approved unanimously.

Recommendation SC11_C3_28 (Paper SC11_C3_28)

To accept and approve the minutes of the WG meeting and the WG's activity report. The work and activities of STARS continue for a further three-year period, and will be run as projects with a project plan and budget approved by the EC and proper reporting.

Proposed by IRTS, seconded by SARL. Approved with one against.

This concluded the discussion of matters from Committee C3

Recommendations of Committee C4 – HF Committee

The meeting approves the Minutes of Committee C4.

Recommendation SC11_C4_01 (Paper SC11_C4_06)

That within the ‘Guidelines for HF Contests chapter of the IARU Region 1 HF Manager’s Handbook, the category MOST is reworded: ‘MOST – Multi Operator Single Transmitter’. A MOST station is a multi-operator station transmitting no more than one signal on not more than one running frequency on a band at any time.

Proposed by DARC, seconded by VERON. Approved unanimously.

Recommendation SC11_C4_02 (paper SC11_C4_07)

That the HF Committee encourage member societies to publish contest operating segments clearly in the rules of the contest and that those segments are considered with due respect to the IARU band plans.

Proposed by UBA, seconded by IARC. Approved unanimously.

Recommendation SC11_C4_03 (Paper SC11_C4_19)

That within the “Guidelines for HF Contests” chapter 7.1.2 of the IARU Region 1 HF Manager’s Handbook, the category SO should be amended as follows: “An SO station is a station manned by one individual operator transmitting not more than one signal on one running frequency at any time”.

Proposed by URA, seconded by CRC. Approved unanimously.

Recommendation SC11_C4_04 (Paper SC11_C4_09)

That IARU Region 1 modifies the 10 metre band plan in the segment 29.1 to 29.7 MHz to allow 8 FM repeater channels as described in SC11_C4_09 rev1.

Recommend by NRRL, seconded by USKA. Approved unanimously.

Recommendation SC11_C4_05 (Paper SC11_C4_17)

That the CW contest-preferred segment from 7000 – 7025 kHz is withdrawn from the Region 1 band plan. Societies should encourage contest organisers to include a rule that restricts contest activity to a limited frequency range within the CW allocation. The choice of frequency segment is left to the discretion of the contest organisers, but should take into account expected activity levels and show consideration for non-contest operation.

Proposed by MRASZ, seconded by EDR. Approved with one against.

Recommendation SC11_C4_06 (Paper SC11_C4_23)

In respect of deliberate interference, that:

a) De Haan 1993 – C4.5, is suppressed as much of the material is covered in Cavtat 2008 CT-8_C3_Rec_44 or in the HF Manager’s Handbook

b) IARU Region 1 endorses the “DX Code of Conduct” and urges its member societies to publicise and recommend it to their members.

Proposed by IARC, seconded by SRAL. Approved unanimously.

Recommendation SC11_C4_07 (Paper SC11_C4_22)

That member societies bring to their members attention that the T/R 61-01 agreement only applies to people using their own call sign, with the appropriate country prefix, when the operator is actually visiting that country, not for remote operation.

Proposed by REF, seconded by EDR. Approved with four against.

Recommendation SC11_C4_08 (Paper SC11_C4_12)

That the C4 Chairman is mandated to set up a sub-group to examine the question of transnational remote-controlled operation and to establish under what conditions such operation might, if ever, be regulated and to issue its findings in due course.

Proposed by SRAL, seconded by DARC. Approved with one against.

Recommendation SC11_C4_09 (Paper SC11_C4_24)

Voice Internet Gateways linking 2 stations should be restricted to experimentation and operation for emergency communication purposes on frequencies below 28 MHz.

Proposed by RSM, seconded by EDR. Approved with four against and 1 abstention.

Recommendation SC11_C4_10 (Paper SC11_C4_27)

Expansion of the 10 MHz band shall be given high priority when talking with administrations and by IARU when negotiating with authorities.

Proposed by VERON, seconded by SRAL. Approved unanimously.

Recommendation SC11_C4_11 (Paper SC11_C4_15)

That IARU at further ITU World Radio Conferences should seek to expand the

international amateur radio 160 metre band from its present lower end of 1 810 kHz to 1 800 kHz in ITU Region 1. IARU should also try to obtain an international secondary allocation for amateur radio between 1 850 and 2 000 kHz in ITU Region 1.

Proposed by NRRL, seconded by SARL. Approved unanimously.

Recommendation SC11_C4_12 (Paper SC11_C4_14)

That the following definition of a QSO be added to the HF Manager's Handbook:

A definition for a valid QSO is:

A valid contact is one where both operators during the contact have

- 1. mutually identified each other**
- 2. received a report, and**
- 3. received a confirmation of the successful identification and the reception of the report.**

It is emphasized that the responsibility always lies with the operator for the integrity of the contact.

Proposed by SRAL, seconded by CRAM. Approved with four against.

Recommendation SC11_C4_13 (Paper SC11_C4_25)

That:

a) San Marino 2002 - REC/02/SM/C4.11 can be suppressed as the matter is in hand via the ITU and CEPT preparation processes

b) Davos 2005 – DV05_C4_Rec_01 and Cavtat 2008 – CT08_C4_Rec_01 could also be suppressed along with the closure of the 500 kHz Working Group.

Proposed by ARABiH, seconded by EDR. Approved unanimously.

This concluded the discussion of matters from Committee C4.

Recommendations of Committee C5 – VHF/UHF/Microwave Committee

Recommendation SC11_C5_01 (Paper SC11_C5_05)

Ratification of paper VIE10_C3_B08 - Tone Reports

Proposed by OeVSV, seconded by HRS. Approved unanimously.

Recommendation SC11_C5_02 (Paper SC11_C5_06)

Ratification of paper VIE10_C3_B12 – Beacon Message

Proposed by AARA, seconded by REF. Approved unanimously.

Recommendation SC11_C3_03 (Paper SC11_C5_07)

Ratification of paper VIE10_C3_B04 50 MHz Meteor Scatter Usage

Proposed by SARL, seconded by UBA. Approved unanimously.

Recommendation SC11_C3_04 (Paper SC11_C5_08)

Ratification of paper VIE10_C3_B21 Unmanned stations in the 70 cm band

Proposed by VERON, seconded by SARL. Approved with three against.

Recommendation SC11_C5_05 (Paper SC11_C5_09)

Ratification of paper VIE10_C3_B16 Organising IARU Region 1 Contest

Proposed by CRC, seconded by HRS. Approved with two against.

Recommendation SC11_C5_Rec_06 (Paper SC11_C5_10)

Ratification of paper VIE10_C3_B13 VHF Contest Rules 5.3.6

Proposed by OeVSV, seconded by ARABiH. Approved unanimously.

Recommendation SC11_C5_07 (Paper SC11_C5_11)

Ratification of paper VIE10_C3_B18 Introducing a Rover class

Proposed by EDR, seconded by NRRL. Approved with five against and one abstention.

Recommendation SC11_C5_08 (Paper SC11_C5_12)

Ratification of paper VIE10_C3_B24 10 minute rule

Proposed by UBA, seconded by HRS. Approved with one abstention.

Recommendation SC11_C5_09 (Paper SC11_C5_13)

Ratification of paper VIE10_C3_B01 Threatening Developments at 2300 – 2400 MHz

Proposed by AARA, seconded ARAI. Approved unanimously.

Recommendation SC11_C5_10 (Paper SC11_C5_16)

**D-Star in Italy using SAT-Band
Escalation Procedure:**

1. Write the repeater operator to remove out of satellite segment.
2. Inform the trust server operator of the IARU band plan breach made by the use of the repeater.
3. Inform the government about the repeater and request them to remove the repeater.

Proposed by OeVSV, seconded by REF. Approved unanimously.

Recommendation SC11_C5_11 (Paper SC11_C5_22)

EDI standard

The IARU R1 is giving a quality label to those programs that support 100% the EDI standard. This quality label is given after an approval from a working group of three VHF contest managers. These managers will look of all the EDI-specifications (as described in the Handbook) are correct. Those programs will be listed in the VHF Manager's handbook. The editors of the program are allowed to mention this quality label on their software and on their publicity. VERON's PA1TK will be responsible for this.

Proposed by VERON, seconded by USKA. Approved unanimously.

Recommendation SC11_C5_12 (Paper SC11_C5_24)

ATV Contest

"The contest will compromise two sections on each UHF/microwave band on which ATV transmissions are authorised:"

- Section 1 (no changes)
- Section 2 (no changes)

"A station operating under section 1 on any single band will automatically be classified also as such on the other bands where ATV is allowed."

Proposed by SARL, seconded by VERON. Approved with two against.

Recommendation SC11_C5_13 (Papers SC11_C5_25 and SC11_C5_28)

Contest rules

Any error in the exchanged information logged by a station is liable to result in the loss of all points for that contact for both correspondents (receiving and transmitting station), subject to review and confirmation by the contest organiser.

Proposed by UBA, seconded by CRC. Approved with one abstention.

Recommendation SC11_C5_14 (Paper SC11_C5_26)

Contest rules

Current rule in chapter 5.3.11 should be changed to:

The 144,500 – 144,700 MHz segment may also be used for contest QSOs during the Sub-regional contests on the coordinated dates and during IARU Re-

gion I VHF contest as the extension to the currently used segment 144,000 – 144,399 MHz.

- The use of this extension or part thereof must be clearly specified and published in the contest rules.
- The extension is time limited from 1 January 2012 to 31 December 2014 unless renewed by a future conference decision.

Thus, C5 recommends that the 144 all-mode segment may be utilised for the contests. The band plan is already clear on the allocations.

Proposed by VERON, seconded by AARA. Approved unanimously.

Recommendation SC11_C5_15 (Paper SC11_C5_27)

Frequency coordination process

1. Coordination with the national society first.
2. For cross-border disputes to co-ordinate with the neighbouring societies relevant coordinators.
3. In the event of escalating to the national regulator; that all the affected societies to be informed. This should only be the last resort if steps one and two fail.

Proposed by SARL, seconded by ROARS. Approved unanimously.

Recommendation SC11_C5_16 (Paper s SC11_C5_30 and SC11_C5_43)

1 minute mixed beacon mode (CW and MGM) and Beacon Guidance. Based on the information and original proposals in Papers SC11_C5_30 and SC11_C5_43, that the existing guidance on beacons in the VHF Managers handbook be updated as follows:-

Simple 30 and 60 second Messages

CW ID	Carrier	30s
0s		

CW ID	Carrier	'S'	Other	60s
0s		30		

MGM Mixed Mode

MGM	CW-ID	Carrier	'X'	Other	CW-ID	120s
0s		30			60s	90

MGM Mixed Mode

MGM	CW-ID	Carrier	60s
0s			

MGM Mixed Mode

MGM	CW-ID	Carrier	CW-ID	60s
0s				

MGM

MGM	CW-ID

0s						60s
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Add the following extra guidance to 11.1.6 on Operation:

- IARU Region-1 encourages best practice for both timing/frequency accuracy and phase noise to enhance general performance for the benefit of all.
- That development of new modes optimised for beacons are encouraged, which may either enhance DX reception or permit more efficient equipment (and thus lower electricity costs) to enhance sustainability
- That National Societies and IARU-R1 coordinators be kept updated on such developments.

Add to 11.1.4 on Frequency:

- Should MGM also be used by a beacon, the nominal MGM tone (e.g. for sync, JT4 tone-0 etc), should be exactly as per the nominal carrier frequency

Recommended by MARS, seconded by USKA. Approved unanimously.

Recommendation SC11_C5_17 (Papers SC11_C5_17 and SC11_C5_29)

23 cm Band plan was taken to a sub-working group and summarised: Recommendation is that the 1 298 -1 300 MHz part of 23 cm band plan be updated as follows to -

Frequency, MHz	Max BW	Mode	Usage
1298,000	20 kHz	All modes	General mixed analogue or digital use in channels
1299,000			1298,025 MHz (RS1) 1298,975 MHz (RS39)
1299,000 1299,750	150 kHz	All modes	Arranged as 5 x 150 kHz channels for high speed Digital Data (DD) usage:- Centres : 1299,075, 1299,225, 1299,375, 1299,525, 1299,675 MHz (+/- 75 kHz)
1299,750 1300,000	20 kHz	All modes	8 x 25 kHz Channels (available for FM/DV use) : Centres: 1299,775 - 1299,975

Proposed by HRS, seconded by EDR. Approved unanimously.

Recommendation SC11_C5_18 (Paper SC11_C5_32)

70 MHz Band plan was taken to a sub working group and summarised: The 70 MHz band is increasingly recognised as being appropriate for amateur allocations. In the CEPT area this progress is now recognised in the European Common Allocation table by footnote EU9 which states:

EU9: "In a growing number of CEPT countries, parts of the band 70,0 - 70,5 MHz is also allocated to the Amateur service on a secondary basis,"

In addition, it is worth noting that there is some experimental access on a national basis in the range 69,9 - 70,0 MHz in cases where 70,0 - 70,5 MHz is not available,

70 MHz Band plan

Frequency	Bandwidth	Mode		Usage
70,000 70,090	1 000 Hz	Telegraphy MGM		Coordinated Beacons
70,090 70,100	1 000 Hz	Telegraphy MGM		Personal beacons 70,091 MHz +/- 500 Hz WSPR beacons
70,100 70,250	2 700 Hz	Telegraphy, SSB, MGM	70,200 70,250	CW/SSB Calling MS calling
70,250 70,300	12 kHz	All modes	70,260 70,270	AM/FM calling MGM activity centre
70,300	12 kHz	All modes	70,300	RTTY/FAX
70,300 70,500	12 kHz	FM channels 12,5 kHz spacing	70,3125 70,325 70,450 70,4875	Digital communications Digital communications FM calling Digital communications

Proposed by AARA, seconded by USKA. Approved with five abstentions.

Recommendation SC11_C5_19 (Paper SC11_C5_36)

Additional 2 m Digital Voice Channels

For two new repeater frequencies as follows (analogue and digital):

- 144,9750 MHz and 144,9875 MHz as inputs
- 145,5750 MHz and 145,5875 MHz as outputs

Proposed by SARL, seconded by HRS. Approved with twenty-seven in favour, fourteen against and seven abstentions.

Recommendation SC11_C5_20 (Paper SC11_C5_38)

Addition of the CTCSS frequency 67 Hz in table FM.2.1 Add tone 67 Hz – but remove letter designations

Proposed by UBA, seconded by USKA. Approved unanimously.

Recommendation SC11_C5_21 (Paper SC11_C5_39)

CTCSS Sub Audio Tones for Analogue Repeater Control

To minimise mutual unwanted interference, all FM repeaters will incorporate CTCSS tones on receivers as well as on transmitters. The transition period ends by the end of 2014.

Proposed by OeVSV, seconded by VERON. Approved with two against.

Recommendation SC11_C5_22 (Paper SC11_C5_41)

134 GHz Operation and Band Plan

- **134 GHz Primary allocation is favoured relative to the 122 GHz and other adjacent secondary allocations**
- **134,001 GHz is no longer supported and be removed from the band plan**
- **The centre of narrowband activity in the band plan is 134,928 GHz to 134,930 GHz**

Proposed by EDR, seconded by AARA. Approved unanimously.

Recommendation SC11_C5_23 (Paper SC11_C5_44)

VHF Handbook Satellite Chapter

Removal of the existing Satellite chapter and replace with the attachment of paper SC11_C5_44.

Proposed by HRS, seconded by RSGB. Approved unanimously.

Recommendation SC11_C5_24 (Paper SC11_C5_45)

Band plan Section - 4 of the VHF Managers Handbook

- **1 240 MHz: Delete the FSK441 mode-specific designation at 1296,370 for meteor scatter as there is little evidence of usage**
- **1 240 MHz: Change all instances of 12 kHz maximum bandwidth to 20 kHz to reflect the reality that almost all equipment is not narrowband-FM etc and the spacing is 25 kHz in any case**
- **2 300 MHz: Amend the Mode column from specific Telegraphy or SSB modes to become more generic maximum bandwidths**
2 320,000 – 2 320,150: BW: 500 Hz
2 320,150 – 2 320,800: BW: 2 700 Hz
- **3 400 MHz: Delete digital communications designations at 3 420 – 3 430 and 3 450 – 3 455 MHz as very few countries have access to these frequencies, Most allocations are based on the CEPT EU17 footnote, which only allocates 3 400 – 3 410 MHz,**
- **24 GHz: Correct a typographical error, Local beacons should be at 24 048,750 – 24 048,800 (the Handbook has the upper frequency as 24 049,800 by mistake)**

Proposed by EDR, seconded by CRC. Approved unanimously.

Recommendation SC11_C5_25 (Paper SC11_C5_46)

Microwave Contest Multipliers

To update and amend the Scoring Rules Multiplier table (to x 4 for 122 GHz and x 8 for 134 GHz)

Proposed by UBA, seconded by SARL. Approved unanimously.

Recommendation SC11_C5_26 (Paper SC11_C5_48)

IARU satellite coordinator co-worker Willi Vollenweider, HB9AMC, prepared the paper. Stefan L. Streif, HB9TTQ, introduced the paper. Graham, G3VZV, confirmed the need for this support. It would be best to involve Hans van de Groenendaal, ZS6AKV, the current coordinator, in this regard. Then ask Willi, HB9AMC, to contact Hans directly to work together in developing the youth satellite programme. Stefan Dombrowski, ON6TI, can also be involved.

Hans, ZS6AKV, will be asked to include Willi and Stefan as co-workers into the Satellite ground station network for university satellite projects.

Proposed by USKA, seconded by SARL. Approved unanimously.

Recommendation SC11_C5_27 (Papers SC11_C5_49)

Contest Robot

It is herewith proposed that the already existing evaluation tool be put into operation with immediate effect (as of January 2012), and be improved on in a systematic process. It is better to use a very fast, but not yet perfect tool, so that an immediate ranking can be established within minutes after four weeks.

There will be two ways to upload the logs.

- a) the restricted input gate for contest and VHF managers who already checked the logs,
- b) the open individual gate for individual amateurs not able to use (a).
These logs are to be checked manually before processing.

The final evaluation is the responsibility of the organizing society.

Proposed by OeVSV, seconded by SSA. Approved unanimously.

Recommendation SC11_C5_28 (Papers SC11_C5_14, SC11_C5_15, SC11_C5_33, SC11_C5_40 and SC11_C5_47. The 50 MHz band plan and footnotes was taken to a sub working group and summarised)

- **The revised 6 m band plan shall be implemented after final approval.**
- **Band plan is active immediately after the final plenary meeting of this conference, Sun City 2011, the beacons shall be allowed 3 years for implementation.**

50 - 52 MHz BAND PLAN

Frequency	Maximum Bandwidth	Mode	Usage
50 000	500 Hz	Telegraphy exclu-	50,000 - 010 Region-1 *

Frequency	Maximum Bandwidth	Mode	Usage
50 100		sive (except Beacon Project)	50,010 - 020 Region-2 * 50,020 - 030 Region-3 * * Reserved for future Synchronised Beacon Project (b) 50,050 CW future International calling 50,090 CW Intercontinental calling (c)
50 100 50 200	2 700 Hz	SSB Telegraphy	International preferred 50,100 - 130 Intercontinental section 50,110 Intercontinental calling (c) 50,130 - 200 General international 50,150 International centre of activity
50 200 50 300	2 700 Hz	SSB Telegraphy	General usage 50,285 for crossband
50 300 50 400	2 700 Hz	MGM Narrowband Telegraphy	50,305 PSK Centre of activity 50,310 - 320 EME 50,320 - 380 MS
50 400 50 500	1 000 Hz	MGM Telegraphy	Beacons exclusive 50,401 MHz +/- 500 Hz WSPR Beacons
50 500 52 000	12 kHz	All Modes	50,510 SSTV 50,540 - 580 Simplex FM Internet Voice Gateways 50,550 Image frequency 50,600 RTTY 50,620 - 750 Digital communications 50,630 DV calling 51,210 - 390 FM/DV Repeater Inputs, 20 kHz spacing (e) 51,410 - 590 FM/DV Simplex (f) 51,510 FM calling frequency 51,810 – 990 FM repeaters output channels, 20 kHz spacing (e)

DV = Digital Voice

Proposed by ARA, seconded by SSA. Approved unanimously.

Recommendation SC11_C5_29 (Papers SC11_C5_19, SC11_C5_20 and SC11_C5_42, 23 cm Band, was taken to a sub working group and summarised:

That the 1 298 – 1 300 MHz part of 23 cm band plan be updated as follows to –

Frequency, MHz	Max BW	Mode	Usage
1 298,000	20 kHz	All modes	General mixed analogue or digital use in 25

Frequency, MHz	Max BW	Mode	Usage
1 299,000			kHz channels 1 298,025 MHz (RS1) 1 298,975 MHz (RS39)
1 299,000 1 299,750	150 kHz	All modes	Arranged as 5 x 150 kHz channels for high speed Digital Data (DD) usage:- Centres : 1 299,075, 1 299,225, 1 299,375, 1 299,525, 1 299,675 MHz (+/- 75 kHz)
1 299,750 1 300,000	20 kHz	All modes	8 x 25 kHz channels (available for FM/DV use) : Centres: 1 299,775 – 1 299,975

Proposed by AARA, seconded by UBA. Approved unanimously.

This concluded the discussion of matters from Committee C5

Appointment of Committee and Working Group Chairmen and Coordinators

Recommendation SC11_C3_06

That Thilo Kootz, DL9KCE, be appointed as chairman of the Political Relations Committee.

Proposed by IRTS, seconded by SSA. Approved unanimously.

Recommendation SC11_C3_08

That Oliver Tabakovski, Z32TO, be appointed as chairman of the HST WG.

Proposed by MRASZ, seconded by CRC. Approved unanimously.

Recommendation SC11_C3_12

That Peter Frey, HB9MQM, be appointed as Regulatory Affairs co-ordinator.

Proposed by USKA, seconded by AARA. Approved unanimously.

Recommendation SC11_C3_14

That Rizkallah Azrak, OD5RI, be appointed as IPHA Coordinator.

Proposed by BFRA, seconded by EARS. Approved unanimously.

Recommendation SC11_C3_15

That Wolfgang Hadel, DK2OM, be appointed chairman of the IARU MS WG

Proposed by IRTS, seconded by VERON. Approved unanimously.

Recommendation SC11_C3_18

That Dennis Tomiola, HB9EPA, be appointed as Public Relations Co-ordinator

Proposed by OeVSV, seconded by IARC. Approved unanimously.

Recommendation SC11_C3_20

That Christian Verholt, OZ8CY, be appointed as EMC WG Chairman for a further three year period.

Proposed by NRRL, seconded by VERON. Approved unanimously.

Recommendation SC11_C3_18

That Greg Mossop, G0DUB, be appointed IARU Region 1 Emergency Communications Coordinator for a further three-year period.

Proposed by IRTS, seconded by AARA. Approved unanimously.

Recommendation SC11_C3_29

That Gaston Bertels, ON4WF, be appointed as chairman of the ARSPEX WG for a further three year period.

Proposed by EARS, seconded by UBA. Approved unanimously.

Recommendation SC11_C3_30

That, Jean-Jacques Niava, TU2OP be appointed as chairman of the STARS WG for the next three-year period.

Proposed by ARTJ, seconded by ARAS. Approved unanimously.

Recommendation SC11_C4_14

That Ulrich Mueller, DK4VW, be appointed as HF Chairman.

Proposed by VERON, seconded by BFRA. Approved unanimously.

Other Recommendations (not numbered from the Committee final reports)

That Michael Kastelic, OE1MCU, be appointed Chairman, VHF/UHF/Microwave Committee

Proposed by USKA, seconded by CRC. Approved unanimously.

That Martin Harrison, G3USF, be appointed HF Beacon Coordinator

Proposed by AARA, seconded by VERON. Approved unanimously.

This concluded the appointments agreed at Conference

Results of the election of the ARDF WG Chairman

Rainer Floesser, DL5NBZ	32 votes
Dusan Ceha, YU1EA	22 votes

Rainer Floesser, DL5NBZ, is hereby appointed as chairman of the ARDF WG.

Results of the voting for the 2014 Conference venue

St Petersburg, Russia	5 votes
Varna, Bulgaria	41 votes
Maastricht, the Netherlands	8 votes

The 2014 General Conference of IARU Region 1 will be held in Varna, Bulgaria.

Results of the election for members of the Executive Committee

The Chairman of the Election and Ballot Committee announced the voting for members of the Executive Committee, to serve for the next three-year period.

For the post of President: Hans Blondeel Timmerman, PB2T	46 votes
For the post of Vice-President: Hani Raad, OD5TE	50 votes
For the post of Secretary: Dennis Green, ZS4BS	49 votes
For the post of Treasurer: Andreas Thiemann, HB9JOE	53 votes

For ordinary members of the Executive Committee:

Panayot Danev, LZ1US	31 votes
Nicola Percin, 9A5W	35 votes
Betty Magnin, F6IOC	22 votes
Colin Thomas, G3PSM	39 votes
Thilo Kootz, DL9KCE	40 votes
Anders Larsson, SM6CNN	34 votes
Afif Benlagha 7X2RO	21 votes

The Executive Committee for the next three years will therefore comprise:

Hans Blondeel Timmerman, PB2T
Hani Raad, OD5TE
Dennis Green, ZS4BS
Andreas Thiemann, HB9JOE
Thilo Kootz, DL9KCE
Nicola Percin, 9A5W
Colin Thomas, G3PSM
Anders Larsson, SM6CNN
Panayot Danev, LZ1US

The Roy Stevans, G2BVN Memorial Trophy

The Roy Stevens, G2BVN, memorial Trophy is awarded to Tafa, Diop, 6W1KI.

The meeting was closed at 12:15 CAT