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

Edition 58
30 August 2011
Michael Kastelic, OE1MCU

Notes of the meeting of Committee C5
14. -16. August 2011 Sun City, South Africa

Chairman: Michael Kastelic, OE1MCU
Minutes: Riaan Greeff, ZS4PR – SARL VHF/UHF Manager, Treasurer

1. Opening by the Chairman
The chairman opened the C5 meeting and welcome everyone present. He also welcomed everyone via audio stream.

a. Live Audio Stream from the C5 meeting.
Only main meeting will be streamed. The sub-workgroups will not be streamed. Accepted.

b. Proxies (please use the form from the server)
Pre-eminent proxies of the conference is accepted by default. Specific proxies towards the C5 meeting is accepted via the secretary. Proxies are limited to only 1 (one) proxy per society present.

- Specific proxy is received from REF appointing UBA for representation.
- Specific proxy is received from MRASZ appointing CRC for representation.
- Specific proxy is received from SRAL appointing SSA for representation.

c. Check in documentation (Approve agenda)
Paper numbers should be carefully checked and observed. Corrections are displayed by chairman and reflect in the meetings. The chairman confirms that the current server listing is the reference to be used in the meeting. Accepted.
A collision with C2 meeting in time schedule of conference will be attended to as some representatives will be attending that meeting as well. Agenda is accepted and will be published by chairman on the server as Agenda_V4 for the week.

2. Introduction of delegates

The members present introduced themselves starting from chairman. The meeting is graced by EC members, Region 3 delegates and various VHF managers/chairs of the various active as per the present lists. Present at the beginning of the meeting are registered as follows:

- Karel Odehnal OK2ZI – CRC (MRASZ)
- Betty Margin F6IOC – EC member
- Jacques Verleijen ON4AVJ - UBA (REF)
- Murray Niman G6JYB - RSGB (ARRSM)
- Ivan Stauning OZ7IS – EDR (FRA)
- Kjell Jarl SM7GVF – SSA (SRAL)
- Stefan Streif HB9TTQ – USKA (AFVL)
- Joachim Berns DL1YBL – DARC (PZK)

- Joerg Jaehrig DJ3HW - observer
- Florence Ntsiyep TJ3NT - ARTJ (AGRA)
- Hamadoun Yattara TZ6HY CRAM
- Coen Vermaire PA5KM – VERON
- Ulip Zeljko 9A2EY - HRS (ARABIH)
- Michael Owen VK3KI – IARU region 3
- Rizkallah Azrak OD5RI - observer
- Affiff Benlagha 7X2RO – ARA (URE)
- Ger McNamara EI4GXB – IRTS
- Tom Segalstad LA4LN - NRRL (IRA)
- Ramon XE1KK – IARU region 2
- Riaan Greeff ZS4PR, SARL (ZARS)
- Kastelic Michael OE1MCU (Chairman)
- Werner Muller V51JP – NARL (RSS)
- Graham Shirville G3VZV - RSGB

a. Setting up ad hoc WG`s

The main meeting will be from10:00 – 15:30 with a lunch break on the first day. Then the subgroups divide into first 50MHz 16:00-18:00, then 10:00-13:00 on day two after the plenary at 9:00.

- Stefan Strief HB9TTQ to chair 6m meeting
- 23cm is chaired by Murray Niman G6JYB
- Contesting is chaired by Karel Obehal OK2ZI.

3. Report from the Chairman

The chairman summarised the report "SC11_C5_04 Chairman's Report.pdf" as published. The report was clarified as per the points in the report. Murray G6JYB also elaborated the issue of radar frequency allocations in the amateur frequency band plans.

HB9TTQ - It is recommended that time announcements of the invitations before any planned video conference should be further in advance. **ACTION: OE1MCU**

A manual describing the setup and use of the videoconferencing software will be prepared by the chairman to take action on this document. **ACTION: OE1MCU**

4. Report of the Vienna 2010 meeting
   a. Action points
   > Will be treated under each related working group.
   b. Vienna ratifications
   > Recommendations go to final plenary meeting. There it will be voted in or out as the relevance becomes clear.

5. Report from the coordinators
   a) Allocations coordinator - No report received.
   b) Records coordinator - No report received.
   c) Beacon coordinator - No report received.
   d) Satellite coordinator
   > Graham G3VZV submitted the satellite report. Various amateur satellite projects are underway and some completed (operating in space). Report sent to the chairman.

6. Frequency allocations / international bodies

SC11_C5_27 - Amateur Radio Band Frequencies Management
Georges Zanotto, F5DFN prepared the paper. F6IOC introduced the REF paper in terms of the band allocation problems experienced. The issue was discussed by various members and the following recommendations were put to vote.

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.

Vote:
Against: None
Abstained: None
All voted in favour. (Unanimously accepted)

Murray G6JYB presented feedback from spectrum allocation papers submitted to Vienna. The CAVTAT 2008 item was not written yet. This is a workgroup to look at the allocation strategy recommendations.

7. Operational matters (paper 35),

SC11_C5_35 – QSO Definition
Tom V. Segalstad, LA4LN prepared the paper. The WG discussed the issue at length.

All voted in favour of keeping the existing QSO-definition.

8. Technical Recommendations (paper 30 and 43, 31, 38, 39, 42)

SC11_C5_30 – Introduction of a 1 minute mixed beacon mode (CW & MGM) together SC11_C5_43 – Beacon Guidance

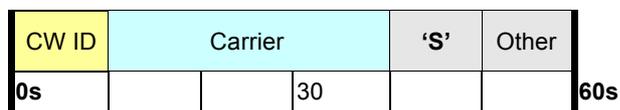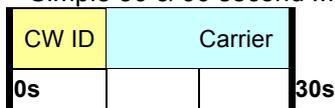Ivan Stauning,OZ7IS introduced the paper.

Murray G6JYB reported from the WG on the beacon structures based on the EDR proposal. The structures now represent the current document protocols. The revised structures and notes are proposed for vote. The graphic is to be structured into same format as the existing presentation structures and will be implemented into the handbook.
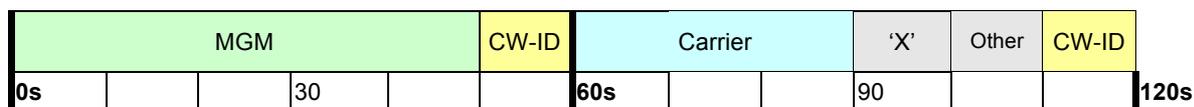
Recommendation

Based on the information and original proposals in Papers SC11_C5_30 & 43, that the existing guidance on beacons in the VHF Managers handbook be updated as follows:-

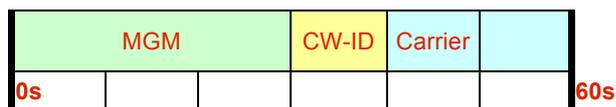Examples of these (with approximate message lengths) are illustrated below:-
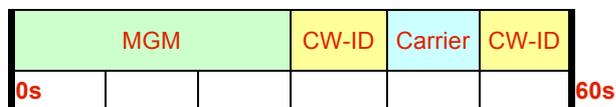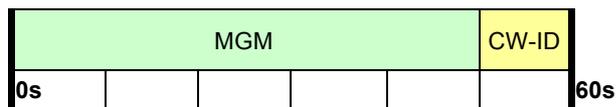
Simple 30 & 60 second Messages

CW ID	Carrier		
0s			30s

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

MGM Mixed Mode

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

MGM Mixed Mode

MGM		CW-ID	Carrier	
0s				60s

MGM Mixed Mode

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

MGM

MGM		CW-ID
0s		60s

Add the following extra guidance 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 (eg for sync, JT4 tone-0 etc), should be exactly as per the nominal carrier frequency

Vote:
Against: None
Abstained: USKA
Voted in favour: All others in favour

SC11_C5_31 – Pharus Ignis 4 - PI4 - A digital modulation (MGM) for beacon purposes

Pharus Ignis 4 beacon project is presented by Ivan OZ7IGY presented the Pharus Ignis 4 beacon project, utilising digital technology to automate beacon monitoring systems. Technology is open source and workable. The decoder is still to be developed. It will create and stimulate further development of better beacon systems.

This is an informational paper. This is useful for arguments advancing beacon applications on the bands.

SC11_C5_38 – Addition of the CTCSS frequency 67 Hz in table FM.2.1

Jochen Berns, DL1YBL introduced the paper.

The frequency 67Hz may be added to the table. The alphabetic letters should be removed from table FM2.1. in the handbook.

Voted in favour: All unanimous in favour

SC11_C5_39 – Use of CTCSS Sub Audio Tones for Analogue Repeater Control

Jochen Berns, DL1YBL introduced the paper.

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.

Vote:
Against: USKA, (AFVL)
Abstained: UBA, (MRASZ), CRC, IRTS
Voted in favour: RSGB, (ARRSM), (REF), VERON, HRS, (ARABIH), EDR, (FRA), SSA, (SRAL), DARC, (PZK), CRAM, SARL, ARTJ, (AGRA), ARA, (URE)
18 in favour and adopted.

9. Bandplanning
a. General 50, 27

SC11_C5_50 – Emergency Communications Frequency Usage at VHF/UHF

Greg Mossop G0DUB prepared the paper. Murray Niman, G6JYB introduced the paper.

This information paper will be published on the IARU-R1 website. It should be updated regularly.

b. 50MHz 14, 15, 33, 40, 47

SC11_C5_40 – Modification of 6 m Band Plan

Stefan relates feedback from the 50MHz WG session. The bandplan was revisited. Jacques requires a bit more information to highlight the implementation implication of the bandplan proposal at the regional countries. Ramon from region 2 notes that they do not currently have any band plans for VHF/UHF etc. Having a reference from region 1 can be useful. Karel checked with the ARRL bandplan. It corresponds mostly with the current proposal.

The revised 6m bandplan shall be implemented after final approval.

Voted: All in favour for WG to carry on with the new 6m bandplan.

Bandplan is active immediately after the final plenary meeting of this conference Sun City 2011, the beacons shall be allowed 3 years for implementation.

Voted: All in favour and the WG will prepare the relevant documentation.

Bandplan is presented and voted for. The footnotes are to clarify and explain the reasoning.

The bandplan is unanimously accepted.

Thus, after the Sun City 2011 C5 meetings, the 50 MHz bandplan is adopted as follows and will be updated.

50 - 52 MHz BANDPLAN

Frequency	Maximum Bandwidth	Mode	Usage
50000 50100	500 Hz	Telegraphy **exclusive (except Beacon Project)**	50.000 - 010 Region-1 * 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**)
50100 50200	2700 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
50200 50300	2700 Hz	**SSB** **Telegraphy**	General usage 50.285 for crossband
50300 50400	2700 Hz	**MGM** **Narrowband** **Telegraphy**	50.305 PSK Centre of activity 50.310 - 320 EME 50.320 - 380 MS
x	**1000 Hz**	**MGM** **Telegraphy**	Beacons exclusive 50.401 MHz +/- 500 Hz WSPR Beacons

50500
 	
52000
	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

NOTES ON THE 50 - 52 MHz BANDPLAN

1. IARU REGION 1 BANDPLAN

This bandplan, first adopted at the IARU Region 1 Conference in Torremolinos (1990) and revised at the 1996 Tel Aviv conference, the 2002 San Marino Conference, and the 2011 Sun City Conference is recommended for use in those countries in the European part of Region 1 which allow amateurs to operate in this part of the radio spectrum. In many countries in the African part of Region 1 (see footnotes accompanying the ITU frequency allocation table) the 50 - 54 MHz band is allocated to the Amateur Service on a primary basis. These Countries may refer to the SARL Bandplan.

Footnotes:
   a. deleted

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2. __USAGE__

The following notes are referring to the Usage column in the bandplan. As already set out in the introduction to section 3, in the right amateur spirit operators should take notice of these agreements which are made for operating convenience, but no right to reserved frequencies can be derived from a mention in the Usage column or from the following notes.

2.1. Footnotes

b.   will be added in the handbook (ACTION Murray Niman)

c.   The intercontinental calling frequencies should not be used for calling within the European part of Region 1 at any time.

d.   *Channelized equipment: On this band the FM channel spacing is 20/10 kHz.*

e.   For the specification of FM telephony see section **Fehler! Verweisquelle konnte nicht gefunden werden.**

f.   This segment is for simplex use only with no Digital Voice gateways permitted. Embedded data traffic is allowed along with Digital Voice. DV users should check that the channel is not in use by other modes

g.   *Refer to Beacons Chapter for coordination of beacons in the beacon sub-band*

For the numbering of FM telephony channels see **Fehler! Verweisquelle konnte nicht gefunden werden.**

In those countries within the European part of IARU Region 1 where it is allowed to set up FM repeaters on 50 MHz, the indicated channels are recommended in order to establish a commonality.

In those countries where the National Authorities do not permit repeaters to operate with output frequencies above 51 MHz, repeater output frequencies may be 500 kHz below the repeater input frequencies.(Tel Aviv 1996)

c. 70MHz 32

SC11_C5_32 – Establishment of a genuine IARU Region 1, 70 MHz band plan
Ivan Stauning, OZ7IS introduced the paper.
More counties are allocated 4m frequencies. The EU9 has footnote for 4m allocation acquired by the IARU. Similarities to the 6m band plan are discussed. The aim is to attempt to reflect same band plan structure as applied in 6m bandplan.

The points are elaborated on by Ivan as per the points in the paper.
   a) Reflect the fact that some countries cannot get access to frequencies above 70,000 MHz and include the segment 69,900 – 70,000 MHz that is accessible to a few countries in the region - in the band plan. Going below 70,000 MHz are a challenge due to sharing of services. A footnote shall be added.

Abstain:DARC
In favour: all others.
32(a) is adopted.

b) Extend the general beacon segment up to 70,090 MHz and leave the segment 0,090 - 0,100 for temporary and personal beacons. (It is slightly unpractical to have uncoordinated "personal beacons" within the ordinary coordinated beacon segment.) When there were only a few countries, with access to 70 MHz a beacon segment of 50 kHz was sufficient (personal beacons around 0,030). With more than 40 entities in IARU active on 70 MHz, we need to expand the beacon segment.

Against: RSGB, (ARRSM), UBA (REF), IRTS, SARL, (ZARS),
Abstain: DARC
In Favour: CRC, (MARSZ), USKA, (AFVL), SSA, (SRAL), EDR, (FRA), Veron, HRS, (ARABIH), (PZK), NARL, (RSS), NRRL, (IRA),
32(b) is adopted

c) Move the WSPR beacon frequency up to 70,090 MHz.

Abstain: DARC
In favour: All others
32(c) is adopted

d) Move the MS calling frequency from 70,150 to 70,250 MHz.

Against   RSGB, (ARRSM), NRRL, (IRA), IRTS,
Abstain: DARC,
In favour: All others
32(d) is adopted.

e) Remove the AM calling frequency on 70,260 MHz from the IARU, Region 1, band plan.

Against: SARL, (ZARL), USKA, (AFVL), SSA, (SRAL), IRTS, NARL, (RSS)
Abstain: DARC, CRC, (MARSZ), (FRA), NRRL, (IRA)
In favour: EDR, UBA. (REF), (PZK), VERON, HRS, (ARABIH),
32(e) is dismissed, bandplan not to be changed.

f) Establish a MGM centre of activity on 70,270 MHz.

Abstain: IRA, DARC, RSGB, Commented to be Narrowband entry.
All others in favour,
32(f) is accepted

g) Retain the RTTY/FAX frequency on 70,300 MHz.

In favour to retain: SARL, (ZARL), (PZK), RSGB, NARL, (RSS), HRS, (ARABIH), IRTS
Abstain: DARC, USKA, (AFVL), SSA, (SRAL), EDR, (FRA), VERON, CRC, (MARSZ),
Against: NRRL, (IRA), UBE, (REF).
Keep as is.

Motion 32(h) and 32(i) withdrawn by the EDR.
Ivan and will head the 4m group to clarify the all mode segment.

70MHz bandplan proposal is also reported from the WG.

Abstain: DARC
All others in favour. The bandplan is adopted.

The adopted bandplan as follows:

The 70MHz 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 69.90-70.0MHz in cases where 70MHz is not available.

70MHz Bandplan

Frequency	Bandwidth	Bandplan		Usage
70.000 70.090	1000 Hz	Telegraphy MGM		Coordinated Beacons
70.090 70.100	1000 Hz	Telegraphy MGM		Personal beacons 70.091 MHz +/- 500 Hz WSPR beacons
70.100 70.250	2700 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

d. 2m 16, 18, 36,

SC11_C5_16 – D-Star in Italy using SAT-Band
Mike Zwingl, OE3MZC prepared the paper. Murray Niman, G6JYB introduced the paper.

IARU R1 stresses the importance of satellite service and band plans also in case of the introduction of new modes. It is recommended to disconnect repeaters/nodes from international D-Star network if these are operated in contradiction to IARU-R1 band plans.

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

Action for the chairman OE1MCU

Voted in favour: All unanimous in favour

SC11_C5_18 – 144 MHz band plan: allowance for cross band activity

Jacques Verleijen, ON4AVJ introduced the paper.

Vote:

Adoption of the proposal for the footnote presented in the paper.

Against: DARC, (PZK), EDR, RSGB, (ARRSM), VERON, IRTS

Abstained: CRC, (MRSZ), USKA, (AFVL), SSA, (SRAL), (FRA), HRS, (ARSAHIB), NRRL, (IRA), SARL

Voted in favour: UBA, (REF)

Vote is negative.

SC11_C5_36 - Additional 2 m Digital Voice Channels

Jochen Berns, DL1YBL introduced the paper. EDR also submitted a further document with the same proposal in support.

The issue was well discussed.

DARC accept the proposal additional submitted.

Proposed are 2 new exclusive frequency segments below current 2m repeater.

For 2 new repeater frequencies as follows:
- 144,9750MHz & 144,9875MHz as inputs
- 145,5750MHz & 145,5875MHz as outputs

Vote:

In favour: SARL, EDR, SSA, (SRAL), USKA, (AFVL), NRRL, (IRA), HRS, (ARABIH),

Abstain: (FRA) , (REF)

Against: RSGB, (ARRSM), VERON, IRTS, CRC, (MRASZ), UBA, DARC, (PZK)

In favour = 10

Against = 9

Voted in favour.

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e. 70cm 37

SC11_C5_37 - Modifications in segment 430,000–431,975 and 438,000–440,000 MHz, 12 kHz bandwidth, 12, 5 kHz spacing

DARC withdraw paper SC11_C5_37.

f. 23cm 17, 19, 20, 29, 42

Murray G6JYB heads the 23cm WG.

SC11_C5_42 – 1 298 – 1 300 MHz Band Plan

Murray Niman, G6JYB reports back from the WG. Various changes for the bandplan is agreed upon. That the 1298-1300MHz part of 23cms band plan be updated as follows to -

Frequency, MHz	Max BW	Mode	Usage
1298.000 1299.000	20kHz	All modes	General mixed analogue or digital use in 25 kHz channels 1298.025MHz (RS1) 1298.975MHZ (RS39)
1299.000 1299.750	150kHz	All modes	Arranged as 5 x150kHz channels for high speed Digital Data (DD) usage:- Centres : 1299.075, 1299.225, 1299.375, 1299.525, 1299.675 MHz (+/- 75kHz)
1299.750 1300.000	20kHz	All modes	8x25kHz channels (available for FM/DV use) : Centres: 1299.775-1299.975

All are in favor. Proposal is accepted.

SC11_C5_ 19, 20, 42 were discussed at length in preparation the proposals.

SC11_C5_17 and SC11_C5_29 were also discussed in the WG. The papers are noted and are included in the new bandplan by the 23cm sub WG.

Recommendation is that the 1298-1300MHz part of 23cms band plan be updated as follows to -

Frequency, MHz	Max BW	Mode	Usage
1298.000 1299.000	20kHz	All modes	General mixed analogue or digital use in channels 1298.025MHz (RS1) 1298.975MHZ (RS39)
1299.000 1299.750	150kHz	All modes	Arranged as 5 x150kHz channels for high speed Digital Data (DD) usage:- Centres : 1299.075, 1299.225, 1299.375, 1299.525, 1299.675 MHz (+/- 75kHz)
1299.750 1300.000	20kHz	All modes	8x25kHz Channels (available for FM/DV use) : Centres: 1299.775-1299.975

g. Microwave 41, 45

SC11_C5_41 – 1 34 GHz Operation and Band Plan

Murray Niman, G6JYB introduced the paper.
• 134 GHz Primary is favoured relative to 122 GHz and other adjacent secondary allocations
• 134.001 GHz is no longer supported and be removed from the band plan
• a centre of narrowband activity in the band plan is 134.928 GHz to 134.930 GHz

DARC support and propose the frequency since equipment is available.

Vote: all in favour

SC11_C5_45 - Microwave Band Plan Updates

Murray Niman, G6JYB introduced the paper.

The following all refer to the band plans in Section-4 of the VHF Managers Handbook v5.42

- **1240 MHz**: Delete the FSK441 mode-specific designation at 1296.370 for meteor scatter as there is little evidence of usage
- **1240 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
- **2300 MHz**: Amend the Mode column from specific Telegraphy or SSB modes to become more generic maximum bandwidths
  2320.000 – 2320.150: BW: 500 Hz
  2320.150 – 2320.800: BW: 2700 Hz
- **3400 MHz**: Delete digital communications designations at 3420-3430 and 3450-3455 MHz as very few countries have access to these frequencies. Most allocations are based on the CEPT EU17 footnote, which only allocates 3400-3410 MHz.
- **24 GHz**: Correct a typographical error. Local beacons should be at 24048.750 – 24048.800 (the Handbook has the upper frequency as 24049.800 by mistake)

Update band plans in the VHF Handbook as per the proposals above

Vote all in favour. Proposals are accepted.

10. Contest 21 and 49, 22, 23, 24, 25 and 28, 26,34, 46,

Karel Odehnal, OK2ZI headed the WG sessions.

SC11_C5_21 – Report about correction of the IARU 50 MHz Contest

Jacques Verleijen, ON4AVJ presented the paper and the feedback from the WG. Jaqcues the thanked by the chairman for the work done. The contest robot should be as accurate possible, but human checks will ensure the reliability of the logs.

SC11_C5_22 – A quality label for VHF contest programs

Jacques Verleijen, ON4AVJ presented the paper and the feedback from the WG.

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.

Accepted all in favour.

SC11_C5_23 – Introducing a Rover class in the UHF/SHF and microwave contests

Was withdrawn by UBA.

SC11_C5_24 – Clearing up some interpretation differences due to translation of the ATV contest rules in other languages

Jacques Verleijen, ON4AVJ presented the paper and the feedback from the WG. Translation was the main issue from English to French experienced by the programmers of the software.

To add following sentence after:

"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."

Abstains: (REF)
All others in favour. Paper is adopted.

SC11_C5_25 – IARU R1 Contest rules modification

Odehnal, OK2ZI presented the paper.

Current rule in chapter 5.3.11 should be changed to:

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.

VERON also motivates the fact that most errors occur in the receiving side.

Against: SSA, (SRAL)
Abstain: EDR, (FRA), DARC, (PZK)
Favour: CRC, (MRASZ), UBA, (REF), VERON, HRS, (ARABIH), SARL, (ZARL), USKA, (AFVL)
Paper is adopted.

SC11_C5_34 – Invalidation of unique QSOs for contests

Jesús Muñoz, EB7BMV prepared the paper. Karel Odehnal OK2ZI presented the paper.
Proposal: Change in the rule 5.2.H
Existing text: All QSOs including unique QSOs shall count for points even if they only appear in the log of one contest entrant.
Proposed text: Unique QSOs will not be valid. Only will be valid those QSOs appearing in at least two logs.

All against the proposal, Paper is rejected.

SC11_C5_46 – Microwave Contest Multipliers

Murray Niman, G6JYB prepared the paper. Odehnal, OK2ZI presented the feedback from the WG.

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

All in favour. Paper is adopted.

SC11_C5_26 – 144 MHz All mode segment during the major VHF contests
Karel Odehnal, OK2ZI presented the paper.

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 Region 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 Jan-1 2012 to Dec-31 2014 unless renewed by a future conference decision.

Thus C5 recommends that the 144 all mode segment is utilised for the contests. The bandplan is already clear on the allocations.

All in favour to adopt the WG recommendations.

SC11_C5_49 – Contest Evaluation Tool
Michael Kastelic, OE1MCU presented the paper.

The WG then recommended the following:

The WG supports the implementation of the robot from 2012 as stated. The database and statistics should also be published as soon as possible after the evaluation has been made and accepted.

Proposal:
Therefore, 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.

All in favour.

Regional support is

11. Satellites 44, 48

SC11_C5_44 – VHF Handbook Satellite Chapter
Graham Shirville, G3VZV presented the paper. Michael OE1MCU thanks Graham for his work done.
Vote for removal of the existing Satellite chapter and replace with the attachment of paper 44.

All voted and accept in favour.

SC11_C5_48 – Coordination of Ground Stations for Educational Space Satellite Projects of Universities

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 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.

Accepted by vote all in favour.

14. 23cm EME beacons

Jacques Verleijen ON4AVJ introduced the proposal compiled by UBA (Eddy ON7UN) for an allocation for EME-beacons in the 23cm band. This is taken as an information paper.

15. News: digital technique – DMR, TETRA, D-Star (Jochen Berns, DL1YBL)

Jochen Berns DL1YBL presented digital communication (DV) systems available and implementations there off on PowerPoint. The general consensus is to encourage the use of more and versatile digital systems.

OE3MZC - Comments are made highlighting the increase of deviations needed for the updated digital support systems. Future DV systems for amateur radio applications should also be considered.

16. Election candidate chairman of VHF/UHF/MW Committee (see R1 by-laws)

Michael stands available for another 3 year term. Then 9 years has been well served. Stefan USKA Proposed Michael again for chairman. EDR seconded.

Unanimously accepted.

Vienna meeting by sub-committee is planned for April, outside of the ARRL HF contest.

All accept in favour the Vienna proposal.

17. Any other matters
17.1 Contest evaluation for the next 3 years

- 2012: September Contest - CRC
- 2012: October Contest - OPEN
- 2012: ATV Contest - UBA
- 2013: September Contest - UBA
- 2013: October Contest - CRC
- 2013: ATV Contest - UBA
- 2014: September Contest - OPEN
- 2014: October Contest - OPEN
- 2014: ATV Contest - UBA

18. Closing remarks.

Murray Niman G6JYB and Graham Shirville G4VZV the direct co-workers are thanked for their support by the chairman. Karel Odehnal OK2ZI is elected and available as a new co-worker in the C5 group.

The chairman invites everyone to keep in contact by e-mail. The C5 meetings were well handled.

OE1MCU: Thanks to Riaan Greeff, ZS4PR for the minutes