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| **Subject** | Ratification of Vienna recommendations |
| **Society** | IARU Region 1 | **Country:** | N/A |
| **Committee:** | C5 | **Paper number:** | NS20\_C5\_06 |
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# Introduction

 The Bylaws of IARU Region 1 stipulate that all decisions made during the interim meetings and approved by the EC must be ratified during the next conference.

# Key points and proposal

Following recommendations were made during our Interim meeting in Vienna 2019 and approved by the EC. They need to be ratified on this Conference.

Some recommendations were guidelines for this conference and need no ratifications, because they need to be discussed during the conference.

**VIE19\_C5\_Rec\_02:** The future format of the VHF-Handbook will follow Version 8.12 published prior to the Interim Meeting. Votes: carried unanimously.

**VIE19\_C5\_Rec\_03:**
To change the bandplan as follows in the USAGE section:
431.050 – 431.9875 Repeater Input Region 1, 12.5 kHz spacing, 7.6 MHz shift (f).
438.650 – 439.5875 Repeater Output Region 1, 12.5 kHz spacing, 7.6 MHz shift (f).

To delete from the bandplan in the USAGE section:
*433.000 – 433.375 Repeater Input Region 1, 25 kHz spacing, 1.6 MHz shift.
434.600 – 434.975 Repeater Output Region 1, 25 kHz spacing, 1.6 MHz shift.*To add to the bandplan in the USAGE section :
432.600 – 432.9875 Repeater Input Region 1, 12.5 kHz spacing, 2.0 MHz shift.
433.000 – 433.3875 Repeater Input Region 1, 12.5 kHz spacing, 1.6 MHz shift (p).
434.600 – 434.9875 Repeater Output Region 1, 12.5 kHz spacing, 1.6 or 2.0 MHz shift (p)To add to the bandplan in the USAGE section :
433.000 – 433.375 Repeater Output only in the UK, 25 kHz spacing, 1.6 MHz shift.
434.600 – 434.975 Repeater Input only in the UK, 25 kHz spacing, 1.6 MHz shift.
Votes: 15 in favour, 2 abstentions

**VIE19\_C5\_Rec\_04**: To implement the Narrowband centre of activity at 2400,500 MHz and the coordinated NB beacons between 2400,800 MHz – 2401,000 MHz.

Votes: 16 in favour, 1 abstention

**VIE19\_C5\_Rec\_05:** To add the 40 MHz and the 60 MHz Bandplan in the VHF-Handbook in a separate dedicated section.

Votes: 17 in favour, 1 abstention

**VIE19\_C5\_Rec\_06**: To modify the 70 cm Bandplan by deleting the 20 kHz Bandwidth entry and change footnote (m) by deleting “in those countries that have the full 10 MHz allocation” and adding “by staying in the segment”. Furthermore, to add a footnote for the LORA usage as proposed.

Votes: Carried unanimously

**VIE19\_C5\_Rec\_07:** To start immediately after WRC-19 a 6 m Working Group to prepare a new Bandplan including Wideband applications and the technical development.

Votes: Carried unanimously

**VIE19\_C5\_Rec\_08**: As proposed in the document:

1. PSK31: Remove specific assignments at 432.088, 1296.138, 2320.138 MHz – enabling all MGM to have equal priority (noting that PSK31 at 144.138 was removed at Landshut)
2. 70cms/EME: Remove the EME CW-only segment in 70cm to create a merged block for all activity at 432.000-432.100 MHz - simplifying the band plan and enabling EME to also use MGM
3. 2.3GHz: Remove Telegraphy ‘Exclusive’ at 2320.000-2320.150 and enable MGM as well (or adopt the all-modes approach in the broader RSGB Microwave Paper)
4. EU Frequency Footnotes: Update all information/references to the latest CEPT ECA definitions/changes for 70MHz, 3.4, 5, 10, 76 GHz.

Votes: 17 in favour, 1 Abstention

**VIE19\_C5\_Rec\_10:** To change “SSB, Telegraphy, MGM” to “Allmode” and delete “2700 Hz” in the Range 3.401 to 3.402 MHz.

Votes: 17 in favour, 1 Abstention.

**VIE19\_C5\_Rec\_15**: DL3MBG on behalf of DARC and OE1MCU on behalf of ÖVSV to take over the responsibility and financing for the Contest-Robot in line with the VHF-Handbook and the CWG under the guidance of C5. Furthermore, to share the Contest-Robot with all Member Societies when the Contest-Robot has accomplished an appropriate maturity.

Votes: 16 in favour, 2 abstentions

**VIE19\_C5\_Rec\_16:** To delete all references to the SP7NJX-Server in the VHF-Handbook. Furthermore, Task the C5 chairman to thank and ask the SP7NJX-Server Administrator to shut down the Log-Collection-Service for the IARU-Contests.

Votes: 16 in favour, 2 abstentions

**VIE19\_C5\_Rec\_17**: ÖVSV to start activities for gaining interoperability in bridging technology for DV.

Votes:16 in favour, 1 abstention

**VIE19\_C5\_Rec\_18**: To agree with the five principles proposed above and insert them in the VHF-Handbook in an appropriate way.

Votes: 16 in favour, 2 abstention

*Note: These principles are*

* *Mode Neutrality: The Band Plans in the VHF Managers Handbook shall remain Mode-Neutral as far as possible including for MGM, Digital Voice(DV), Digital Data (DD) and DATV, avoiding frequency designations for specific digital modes*
* *Whilst the IARU Band Plans should adhere to the ‘Mode Neutrality’ principle above, Member Societies remain free at national level to coordinate specific mode designations*
* *Bandwidth restrictions should be reviewed and relaxed where possible to facilitate experimental and emerging digital communications modes (but the need to be mode-neutral should still be observed)*
* *Digital Developers should be encouraged to avoid embedding or recommending spot frequencies, and instead to consult IARU band planners and incorporate flexibility*
* *Valid QSOs for contests and awards etc shall respect the IARU-R1 QSO definition and in particular the criteria that the human operator is responsible. This requires that such contacts are not invalidated by the use of automation – such as auto-completion, databases etc*

**VIE19\_C5\_Rec\_19:** To handle the issue by the Satellite Coordinator.

Votes: Carried unanimously

*Note from EC: The proposal addresses small satellites operating in bands allocated to the amateur satellite service without IARU coordination and encrypted downlink signals in violation of article 25 of the ITU Radio Regulations. This item will be addressed by the IARU Satellite Advisor and the IARU Satellite Frequency Coordination Panel*

**VIE19\_C5\_Rec\_20:** To add the proposed recommendations of document C5\_25 as permanent guidance in the C5 Newsletter.

1. Appoint a specific microwave manager to help raise the profile of the interest in these bands. (The latest VHF Handbook currently lists just 8).
2. Engage closely with the activities of national administrations (e.g replying to consultations and attending workshops) relating to national spectrum management of the bands above 1GHz.
3. Member Societies should drive a position with their administration that unrestricted amateur services can successfully share spectrum with commercial users as demonstrated already in some bands.
4. Engage closely with national administrations to ensure that amateur stakeholder interests feed into international spectrum management developments.
5. Ensure that national administrations are aware of the interest and opportunity these bands provide for experimentation, training and learning.
6. Provide incentives to individuals and clubs to encourage construction and operation in these bands (e.g. awards, publicity).
7. Ensure national administrations understand the importance that the range of amateur allocated frequency bands provides in enabling differing opportunities and challenges for amateur activities.
8. Be ready to question any unreasonable national restrictions on amateur usage that appear disproportionate or unrealistic.

Votes: Carried unanimously

**VIE19\_C5\_Rec\_21:** To add the VHF-, Microwave- and Contest-Managers on the new Website.

Votes: Carried unanimously

# Recommendation:

The General conference approves and ratify those recommendations made during the interim meeting in Vienna 2019 and approved by the EC

# Financial Implications

None