



International Amateur Radio Union Region 1

Working for the future of amateur radio

VHF – UHF - μ Wave Newsletter

Edition 85
2 March 2020
Jacques Verleijen, ON4AVJ

Editorial

Since our last newsletter there have been some changes for finding information on the internet. Our IARU websites have all been upgraded and now have the same look and feel. The four websites, IARU and the 3 Regions are now accessible in the same way.

The VHF pages on the IARU-R1 website now contain all the information needed, ordered in a more logical way. You will find the VHF pages on www.iaru-r1.org (the URL did not change), under the heading “Committees and working groups” and then C5 (along with C4 for HF and C7 for EMC). You’re welcome to give me your remarks and proposal to improve our VHF&up pages.

In April the EC has its annual meeting, where we will discuss the usual items, but of course also preparing our next General Conference in October 2020. One of the main topics will be “Future and growth of radio amateurism”. More about this in the next newsletter.

Jacques ON4AVJ

50 MHz band plan working group

At WRC-19 IARU was very successful in most of its 50 MHz goals and the Region-1 allocation will be formalised when the WRC-19 Final Acts take effect on 21st January 2021 (though this may be at different times at national level). The new ITU allocation will give more countries than ever the chance to not only have access to the DX section at 50.0-50.5 but also an opportunity for greater activity and innovative uses in 50.5-52.0 - and in some cases above that in the 52-54 range.

In line with the wider themes for the 2020 Conference, the primary focus is therefore a review of the band **above 50.5 MHz** (and particularly in 50.5-52 MHz) to facilitate usage, growth and innovation as envisaged in IARU inputs to the WRC studies. Please in particular consider digital voice, data and video applications which may be attractive to new generations of amateurs, but which are compatible with secondary status. As many of these are not in commercial radios, information papers on relevant developments are welcome.

Important background for this includes:

- **LA17_C5_19: 50 MHz Band Plan (52 - 54 MHz).**
This was approved at Landshut in 2017 and is a footnote in the current band plan - mainly applicable to Africa and Middle East who have, or will have, access to the extended band
- **VIE19 C5-018: Wideband Modes on 6m**
This was noted at Vienna for further consideration at Novi Sad and this working group
- Technical Developments such as VHF RB-DATV, new IP-based radio data systems etc

- Note: Whilst we are of course concerned with Region-1, it is important to consider how new developments may also be exploited by or drawn from Regions 2 & 3

Note that the preparations for WRC-19 fully recognised the DX/Beacon section at 50.0-50.5 MHz. This has already been subject to modernisation and innovation – so with limited time at Novi-Sad the DX segment is not the focus.

Discussions will be generally made by mail or Skype meetings. So if someone in your Member Society is interested please inform me as soon as possible; [by email](#).

The 50 MHz working group will be lead be chaired by Murray G6JYB, assisted by Jann DG8NGN.

IARU-R1 25th General Conference 2020

In less than a year our IARU-R1 General Conference will be held in Novi Sad (Serbia) from 11 until 16 October 2020. As I have already said in Newsletter 84, the focus during this conference will be more on strategic matters, also in C5, particularly:

- Threats on our bands above 400 MHz and how to improve activity on those bands.
- The future of contesting on VHF & up
- Guidelines for the new digital modes on our bands.

Some of them will be introduced by working groups, not only by Member Societies. This will be new. It would be good to have some input on such topics, in particular on matters other than band planning and contesting.

As you know we have now a new website for Region-1. Old links do not working any more. You will find all details about the conference and the document disciplines on its own new IARU-R1 website at: <https://www.iaru2020.org/>

VHF Contest News

The final results for IARU-R1 50/70 MHz and VHF Contest are available on IARU-R1 contest robot website at <https://iaru.oevsv.at/>

Provisional results for UHF/Mw and Marconi VHF CW are also available on IARU-R1 website. On March 21st the results will become final. Every single participant can download his own diploma from the contest robot web-site.

The Prizing Ceremony will be held on Friday June 26th during the HamRadio Messe in Friedrichshafen in the Main Stage at 14:30-15:00 local time.

Further, I would add that the number of logs missing is due to different reasons. One is the recent change that the IARU-R1 server will also serve for log exchanges. Another one is that some countries doesn't see the benefits for contest adjudication for their own contests/championships. There are also some Member Societies that have some remarks about the new privacy rules in the EU (GDPR). We will discuss this during our next General Conference. We got some complains about the difference between IARU-R1 results and national results. This is due to the lack of log exchanges.

The 23cm band is under scrutiny

The IARU R1 is already been actively participating in the regulatory work taking place in CEPT to consider coexistence between the secondary amateur (and amateur satellite) service and the primary radio navigation satellite service, principally the Galileo system.

The Galileo services are delivered in a number of bands and one occupies the 1260-1300 MHz band. The Galileo team has witnessed interference from amateur TV transmissions which resulted in station shut down and has experienced interference from high power EME operations too.

Work is at an early stage and the IARU will continue to try and minimise the impact on amateur operations however it is likely that some changes will be necessary to the way we use the band. The topic is closely related to the WRC-23 and agenda item 9.1b reported in the last newsletter. Contact the SRLC for detailed information.

There is a planning for a joint informal PRC/SRLC meeting in Friedrichshafen which will discussing the actual problems in spectrum management. More info in our next newsletter.

Useful Information

C5 Chairman: Jacques Verleijen, ON4AVJ

C5 Vice chairman: Jann Traszewski, DG8NGN

Contest co-ordinator: Alex Carletti , IV3KKW

Beacons co-ordinator: Mathias Klug, DH4FAJ

Satellite co-ordinator: Graham Shirville, G3VZV

Spectrum specialist: Murray Niman, G6JYB

Website: <https://www.iaru-r1.org/about-us/committees-and-working-groups/vhf-uhf-shf-committee-c5/>

Handbook: Current Edition: v8.50: https://www.iaru-r1.org/wp-content/uploads/2019/08/Latest-VHF_Handbook.pdf

Newsletters: <https://www.iaru-r1.org/about-us/committees-and-working-groups/vhf-uhf-shf-committee-c5/vhf-newsletters/>

Wiki <http://iaruwiki.oevsv.at>

Contest robot http://iaru.oevsv.at/v_upld/prg_list.php

Mailing list VHF managers and liaison officers

If you are not on this mailing list and you are a VHF manager of your country please send a mail to ON4AVJ@uba.be

Use of the IARU R1 C5 Wiki

If you are an official Member Society representative, but have no login and you want to participate to the discussions on the Wiki, please write a mail to ON4AVJ@uba.be.