

Meeting of Study Group 4 (SG 4)

Virtual Meeting

Opening Remarks

5 November 2021

Mario Maniewicz

Director, Radiocommunication Bureau

Mr. Chairman,
Dear friends and colleagues,

Good morning, good afternoon, good evening. It is a real pleasure to welcome you all for this meeting of Study Group 4.

As I usually do, I would like to start by thanking you all and in particular the Chairman of SG 4, Mr. Strelets, along with the Chairmen of the SG 4 Working Parties 4A, 4B and 4C, respectively Mr. Wengryniuk, Mr. Weinreich and Mr. Kawai, for the good progress achieved in the last two and a half weeks, as well as during this study cycle.

I hope that all of you will continue your fruitful contributions for the future success of the work of ITU-R Study Group 4.

As you might have heard, we are resuming physical meetings as of February 2022 and, your next meetings in May 2022 will allow us to meet again face to face.

Many logistic aspects will need to be reviewed to still allow remote participation in those meetings, to the extent possible, but I count on your cooperation to make the effort to attend physically and therefore quickly reach the normal working conditions.

As I always remind you in these occasions, the developments and deliverables of ITU-R Study Group 4 and its Working Parties are always welcome by the administrations/national authorities and are also highly valuable for the GSO and non-GSO satellite operators and manufacturers, as well as service providers.

After two and a half weeks of very intensive activities, I am pleased to note the progress on the development of various documents by WPs 4A and WP 4C in support of WRC-23 agenda items 1.11, 1.15, 1.16, 1.17, 1.18, 1.19, 7 and 9.1 topic b).

I am sure that this information will be very useful for the preparation of WRC-23 and beyond.

In addition to the above, I am also pleased to note the completion of important draft new and revised Recommendations and Reports by WP 4A, WP 4B and WP 4C related to:

- Description of systems and networks in the radionavigation-satellite service (space-to-Earth and space-to-space) and technical characteristics of transmitting space stations operating in the bands 1 164-1 215 MHz, 1 215-1 300 MHz and 1 559-1 610 MHz;
- Characteristics and protection criteria for receiving earth stations in the radionavigation-satellite service (space-to-Earth) operating in the band 1 215-1 300 MHz;
- Use of RNSS receiver characteristics in assessment of interference from pulsed sources in the 1 164-1 215 MHz, 1 215-1 300 MHz and 1 559-1 610 MHz frequency bands;
- Calculation method to determine aggregate interference parameters of pulsed RF systems operating in and near the bands 1 164-1 215 MHz and 1 215-1 300 MHz that may impact radionavigation-satellite service airborne and ground-based receivers operating in those frequency bands;
- Guidance on ITU-R Recommendations related to systems and networks in the radionavigation-satellite service operating in the frequency bands 1 164-1 215 MHz, 1 215-1 300 MHz, 1 559-1 610 MHz, 5 000-5 010 MHz and 5 010-5 030 MHz;
- Method for the determination of performance objectives for satellite hypothetical reference digital paths using adaptive coding and modulation;

- Static methodology for calculating epfd to facilitate coordination of very large antennas under Nos. 9.7A and 9.7B of the Radio Regulations;
- Characteristics and effectiveness of frequency sharing criteria for broadcasting-satellite service in Regions 1 and 3 subject to RR Appendix 30.

Today, as the BR Director, I would like to reassure you once again that you can continue counting on the full support of the BR to conduct your work.

I also encourage you to continue your efforts in providing excellent products to the ITU membership and the radiocommunication industry as a whole.

So, with this, Mr. Chairman, let me conclude by wishing you all a very successful meeting.

Thank you very much for your attention.