1st meeting of Study Group 5 in Study Period 2024-2027

ITU Headquarters, Geneva, Switzerland

Opening Remarks

13 May 2024

Mario Maniewicz

Director, Radiocommunication Bureau

Mr. Chair,
Dear friends and colleagues,
Good morning, afternoon, or evening to you all.

It is my pleasure to welcome you to the first meeting of Study Group 5 in this new study period. Let me start by congratulating Dr. Kyu-Jin WEE on his chairmanship of Study Group 5. We wish you all success in your new and important role.

Dear colleagues,

As you know, all the former Working Party chairs of this group have retired after many years of hard work and sound accomplishments. We recognize their professionalism and the valuable contribution they have provided during their tenure. As of today, a new team will take over and I am very confident that they will take up the challenge of leading the work on terrestrial issues in this new ITU-R study cycle with the same dedication and professionalism shown by their predecessors. I thank in advance the Working Party Chairs that you are going to nominate, as well as Mr. Hiroyuki ATARASHI, who has already started the work in January this year.

Dear friends,

Study Group 5 did an excellent preparatory work in the last study cycle, which contributed to the great success of RA-23 and WRC-23. We are all grateful for this. The Counsellors assisting Study Group 5, Uwe and Vadim, will remain at your disposal and you can count on the continued and full support of the whole BR to conduct your future work.

Let me give you a small outlook of the topics to be addressed:

As per work related to WRC-27, Study Group 5 has 4 agenda items of direct responsibility, contributing to another 14, and numerous requests for further studies, resulting in a quite substantial workload for Study Group 5 and its Working Parties. Specifically, under agenda item 1.13 - “Satellite communications directly to the user terminal”, for which Study Group 4 is responsible, complex studies need to take into account the new sharing and protection situation and related conditions. Your continued constructive and cooperative spirit are key to fulfilling this agenda item and other such tasks in this study period.

The new Question ITU-R 264/5 will also have to be addressed, under which we will study Intelligent Transport Systems, including Connected Automated Vehicles and future applications – a topic which nicely shows the importance of the vertical industry.

One of the crucial activities of SG5 is to support transport radiocommunication systems and their advancements. Today, we stand on the edge of a transformative era, where innovation and technology converge to redefine the transportation landscape. As we embrace the era of unmanned air systems and new features of autonomous vehicles, ensuring the safety and security of individuals becomes paramount.

Furthermore, we cannot overlook the emergence of a new generation of automotive radars, which characterize innovation in the automotive industry. These cutting-edge radars not only enhance the capabilities of vehicles, but also pave the way for safer and more efficient transportation systems.

For “fixed wireless- and HF-systems” in the “Fixed and Land Mobile Services”, several studies related to the spectrum and technology aspects are needed, including the preparation and review of Recommendations and Reports addressing system technologies and performance aspects.

Finally, after completing the IMT-2030 Framework, the work on the next IMT generation will focus on the minimum performance requirements and the detailed evaluation criteria. In June 2025, the industry will provide candidate “Radio Interface Technologies” to be submitted at the latest by June 2027.

Let me conclude, Mr. Chair, by wishing us all a very interesting and successful Study Cycle, and for you - today - a fruitful and consensual meeting.

Thank you very much for your attention.