

1st meeting of Study Group 5 in Study Period 2019-2023

Virtual event

31 July 2020

Opening Speech

Mario Maniewicz
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Mr. Chairman,

Dear Delegates,

It is my pleasure to welcome you to the 1st meeting of Study Group 5 in this new study cycle. This is also the first time that we have a virtual meeting of Study Group 5!

Let me start by expressing my gratitude to the chairman, Mr. Martin Fenton, for continuing to lead this Group for this cycle, as well as my sincere appreciation to the Vice-Chairs of Study Group 5.

I would also like to thank the Chairs of Working Parties 5A, 5B, 5C, 5D, Dr. Jose Costa, Mr. John Mettrop, Mr. Pietro Nava and Mr. Stephen Blust. In the previous study cycle, this Study Group has carried out an enormous amount of work and produced a large quantity of important deliverables, which is also reflected in the results and outcome of WRC-19 and CPM23-1.

For this new study cycle, Study Group 5 has been tasked again with a large number of duties towards the WRC-23, which will further strive the benefit of the entire radiocommunication community:

- **WP 5B** has a huge amount of work, in connection to 6 agenda items (AI 1.6 to 1.11) related to Maritime and Aeronautical Mobile Services, as well as agenda item 1.1 in conjunction with WP 5D

- **WP 5D** will additionally take care of AI 1.2 (further IMT-bands) and AI 1.4 (HIBS)
- **WP 5A** has been given AI 1.3
- And last, but not least, AI 9.1, topic b) and topic c), which will be addressed by WP 5A and the latter one, jointly with **WP 5C**.

The working parties not only need to progress their work, but also to provide the necessary technical inputs to our partner organizations that have key responsibilities in international standardization and regulation of radiocommunication services. This is a very important responsibility that we must meet to successfully prepare for the WRC-23.

In the coming years, the ITU Membership is expecting significant enhancements to radio systems such as intelligent transport systems, connected automated vehicles, high altitude platform systems, PPDR applications, unmanned aircraft systems, radio local area networks and important progress on all other aspects in the use of terrestrial systems. Let's not forget maritime, aeronautical and radio-determination systems, which also remain highly relevant to the ITU-R community. **In the future, we will probably see a new type of network, mixing terrestrial, airborne and also satellite technology.**

I also want to briefly acknowledge the impressive work on IMT-2020/5G that WP 5D is performing. Together with all major standardization bodies around the world, the ITU is leading this project and, at its last meeting, **WP 5D agreed on the conclusion of the Evaluation process of the IMT-2020 proposed technologies.** Indeed, two candidate technologies for IMT-2020 (5G) have successfully passed to the following step of the IMT process, which is the preparation of the final specifications. This makes me confident that we will achieve the target of having the IMT-2020 standards in place by the end of this year.

I know there are some challenges and obstacles that are on our path to achieve widely accepted agreements on various of the WRC-23 agenda items (not only those for SG 5). Certainly progressing the work of the ITU-R using virtual meetings has introduced additional challenges. I have the utmost confidence in

the elected Study Group leadership, working together with their counsellors, to coordinate and organize these meetings with efficiency in mind and in keeping with normal practices, to the extent possible. To reach agreement, the same constructive and cooperative spirit that you have shown in the past will be the key for success in this new study cycle.

The staff of the Bureau will continue to actively support your efforts in building a sustainable ecosystem for terrestrial radiocommunications. As you know, Sergio Buonomo has been promoted as chief of the Study Groups Department, and I would like to thank him for all the years he has dedicated to SG5.

As a consequence of this change, we now have a new SG5 counsellor, Mr. Uwe Löwenstein, whom I would like to welcome onboard and who will continue to take over the responsibility for SG5. I am sure you will be as satisfied as you were with Sergio with his performance and dedication as SG5 Counsellor.

Thank you for your attention. I wish you a very successful meeting.