

2nd meeting of Study Group 6 in Study Period 2019-2023

Virtual event

16 October 2020

Opening Speech

**Mario Maniewicz
Director, Radiocommunication Bureau**

Mr. Chairman,

Dear friends and colleagues,

Good morning, afternoon, or evening to you all. It is my pleasure to welcome you to the 2nd meeting of Study Group 6 in this new study period. This is also the first time that we have a virtual meeting of Study Group 6. Let me start by expressing my gratitude to the Chairman, Mr. Yukihrio Nishida, for continuing to lead this Group for this period, as well as my sincere appreciation to the Vice-Chairs of Study Group 6.

I would like to thank you all, and in particular the Chairmen of SG6 Working Parties, Mr. Nafez, Mr. Quested and Mr. Gardiner, for the good progress achieved in the last two weeks. I also warmly congratulate Mr. Sergey Pastukh on his chairmanship of the newly created Task Group 6/1.

The ITU-R has been leading the international standardization of the broadcasting chain from the production of programs to their ultimate

delivery to the audience. Since the previous meeting of Study Group 6 and its Working Parties, the value of the work carried out over the years has never been more important to all nations and all peoples. Much of the technology that has kept the world informed and kept communities informed and families in contact, had its roots in Study Group 6 and its predecessors. Its Recommendations and Reports are the keys to the successful international exchange of programs among organizations and the overall quality assessment methodologies for audio visual content. It is well known that ITU-R is the home of a series of globally significant broadcasting standards, SDTV, HDTV, UHDTV, HDR-TV, DTTB, DAB, ADM Renderer, to name just a few.

Never before has broadcasting played such an important role in our lives, providing news, entertainment and education during a time where much of the social interaction we always took for granted has been so radically curtailed. The COVID-19 pandemic has significantly underscored humanity's growing reliance on broadcasting systems. These roles and features also contribute to the UN's Sustainable Development Goals (SDGs).

I am very happy to learn about some major achievements of this Study Group 6 block meetings, for example:

- Development of guidelines on selection of the second generation Digital Terrestrial Television Broadcasting systems (DTTB) and associated methods for the evaluation of the quality of service;
- Substantial progress on determining the methodology to be used in Monte Carlo simulations that suits assessing interference into broadcast systems of unidirectional design;

- Development of a new ITU-R Recommendation “Technologies applicable to Internet Protocol (IP) interfaces” that provides guidance on choosing technologies applicable to managed IP networks for real-time programme production;
- Development of a new ITU-R Recommendation “An objective measurement algorithm for monitoring and managing the brightness of high dynamic range television” that specifies a measurement algorithm for the purpose of determining the Mean Image Level (MIL) and related metrics.

These achievements will benefit the global broadcasting community, and I congratulate all those concerned for this remarkable result.

I would also like to highlight your excellent preparatory work that contributed to the success of the RA-19 and WRC-19. For the preparation of the WRC-23 agenda item 1.5, a new Task Group 6/1 was established at the first SG6 meeting this year. Under this agenda item, we all know that broadcasting, particularly in Region 1, would be again a very hot issue for which our sector needs to be prepared. WP 6A was also identified as the contributing group for several WRC-23 agenda items. I am sure that you are working very hard on that with a view to making sure that the WRC-23 results will not compromise the existing deployment and future development of the broadcasting service and other existing radio services in VHF and UHF bands.

As the BR Director, I would like to reassure all of you that you can count on the full support of the BR to conduct your work. I am also perfectly conscious of advancing the work of the ITU-R using virtual meetings has introduced additional challenges, but I have the utmost

confidence in Study Group 6 management team, working together with their counsellors and BR staff, to coordinate and organize these meetings with most efficiency. Your continued constructive and cooperative spirit is the key to fulfil the objectives in this study period which were based on the assumption that the meetings would be held physically.

With this, Mr. Chairman, let me conclude by wishing you all a very successful meeting. Thanks very much for your attention.