

Report on ITU-R Working Party (WP) 5A virtual meeting, 28 April to 11 May 2021

WP5A held its virtual meeting, 28 April to 11 May 2021. During these two weeks, Working Group WG5A-1 which is responsible for studies related to the amateur and amateur-satellite services, held 7 meetings during which the following was covered:

The preliminary IARU position for WRC-23 was presented and noted by WG5A-1.

For work going forward on WRC-23 agenda item 9.1 topic b), a comprehensive set of data covering the operational and technical characteristics of amateur stations in the 1240 – 1300 MHz frequency band was further supplemented with a contribution from IARU covering the IARU bandplan for the 23 cm band together with a comparison of RNSS frequencies compared to the amateur use of the band. This together with text from a Canadian contribution on observations on the possibility of interference, was included in the preliminary draft new report on amateur characteristics. This information was shared with WP4C (the ITU-R group undertaking the coexistence studies between the amateur service and the radionavigation-satellite service in the 23 cm band) and WP3M (which provides guidance on propagation issues relevant to the studies) through a liaison statement (LS).

The ITU-R Recommendation M.1732 (*‘Characteristics of systems operating in the amateur and amateur-satellite services for use in sharing studies’*) is regularly revised because of advances in typical amateur service applications and technology, as well as changes to frequency band allocations because of WRC decisions. To get such a revision started, IARU had submitted a contribution with proposed updates. These updates covered clarity of text, updates of parameters in the various characteristic tables and a proposal for suitable protection criteria for the amateur and amateur-satellite services when required for sharing and compatibility studies.

Based on a contribution from IARU, a liaison statement was developed together with WG5A-4 to ensure that WP7C are aware of the relevant amateur and amateur-satellite recommendations for their work on WRC-23 agenda item 9.1 topic a). A similar liaison statement was also developed referring to the amateur characteristics in the 241 – 250 GHz segment for agenda item 1.14.

IARU had 3 representatives attending this meeting and in addition several radio amateurs attended as part of their national delegations.