



International Amateur Radio Union

Summary Meeting Report

ITU-R WP5A #25: 28 April – 11 May 2021

23cm Band RNSS coexistence Aspects

The IARU was represented by Ole Garpstad (LA2RR – ITU/IARU Lead) and Barry Lewis (G4SJH – WRC23 AI9.1b Lead) with other IARU members present inside national delegations from Australia, Brazil, Canada and the USA.

The IARU made a contribution towards the WP5A working document on amateur characteristics being developed as a part of the work to deal with WRC23 agenda item 9.1 topic b and Resolution 774 (RNSS and Amateur services coexistence).

The IARU contribution focused on presenting the IARU bandplan and had been reviewed and agreed in the IARU Global WRC23 AI9.1b task group.

Background

As detailed in the report from WRC23 CPM-1, ITU-R WP5A is the lead group responsible for developing the CPM report on agenda item 9.1 topic b and is working in collaboration with WP4C on the studies identified under *invites 2* of Resolution 774.

The contributions relating to this work are dealt with in working group 5A-1 which met (virtually) for seven sessions of 80mins each over the ten meeting days. Working group 5A-1 deals with other aspects related to the amateur and amateur satellite services reported elsewhere.

After discussion and clarifications, the meeting agreed to incorporate elements of the contributions into the working document. In addition the new information (and updated working document) are shared with WP4C by liaison statement.

Contributions to the meeting relevant to AI 9.1b

Document 5A/221-E, Annex 10 - The draft technical report **ITU-R M.[AMATEUR.CHARACTERISTICS]** attached to the chairman's report from the previous meeting formed the basis for the work to progress.

Doc 5A/276 – IARU contribution on amateur and amateur satellite global band plans including the relationship with in band RNSS systems.

Doc 5A/293 – Contribution from Canada providing information on the 1240-1300 MHz band in Canada and some observations on the work underway in WP4C.

Doc 5A/247 – Liaison from WP4C with an update of the work in WP4C.

Doc 5A/348 – Late contribution from WP3M copied to 5A with information on the propagation model recommended for use in the studies in WP4C.

IARU objectives

The IARU objectives for the meeting on the 9.1b topic had been agreed in the IARU Global WRC23 AI 9.1b sub-group and included:

- Support full adoption of the band plan material contained in the contribution 5A/276 – **Achieved**
- Support the contribution from Canada and the elements that refer to the measurement campaign work carried out by Germany and reported into WP4C - **Achieved**
- Drive for both the above elements to be shared with WP4C – **Achieved**

Meeting Activity

For 9.1b, the IARU engagement concentrated on updating the **ITU-R M.[AMATEUR.CHARACTERISTICS]** working document which was elevated to a Preliminary Draft New Report (PDNR) and on drafting a liaison to WP4C.

Summary of the meeting outputs relevant to AI 9.1b

Annex 10 to the chairman's report **5A/359**: PDNR **ITU-R M.[AMATEUR.CHARACTERISTICS]**. This working document forms the basis for ongoing contributions and work at the next meeting.

Liaison to WP-4C **5A Temp doc 126R1**.(will update once available)

Annex 7 to the chairman's report **5A/359**: Updated work plan for AI9.1 b.

Comment

Several proponents from the RNSS community (from France and Japan) were active in the discussions and were particularly sensitive to the elements of the Canadian contribution 5A/293 that discussed observations from the coexistence measurement campaign contributed to WP4C and available in the liaison document 5A/247.

Next WP-5A meeting

Planned 15 – 26 November 2021