World Radiocommunication Conference 2023



Agenda Item **9.1** (Topic c)

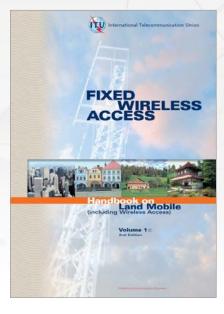
WRC-23 Agenda Item 9.1 (Topic c)

Overview

Agenda Item 9.1 (Topic c): Study the use of International Mobile Telecommunication system for fixed wireless broadband in the frequency bands allocated to the fixed service on a primary basis, in accordance with Resolution 175 (WRC-19).

Background

- This topic was proposed as an agenda item to WRC-19 through a multi-country proposal on fixed wireless broadband applications in the bands allocated to the fixed service (FS) that could use IMT technology.
- Considering the amount of spectrum already available for FS, no regulatory activity is necessary under this topic to satisfy even the most critical demands of access, core and transport connectivity. It should be noted that frequency bands up to 86 GHz are already used by FS, including FWA.
- Spectrum sharing is generally difficult or impossible between satellite earth stations and IMT mobile systems, but is much more feasible with fixed systems. Any change in use of a band from fixed to mobile could harm spectrum sharing.
- There was discussion regarding the use of the terms "IMT Technology" and "IMT System" within Resolution 175. It was clarified that this topic concerned the fixed wireless applications that use IMT-technologies in the frequency bands allocated to the fixed service on a primary basis.
- In the May/June 2022 meeting of WP 5A and WP 5C, most Administrations do not support Alternative 1.
- The current preliminary views of **APT**, **ATU**, **CEPT**, **CITEL** and **RCC** support no change to the Radio Regulations under agenda item 9.1 (Topic c), except for suppression of Resolution 175 (WRC-19).





Handbook LAND MOBILE – VOLUME 5 Deployment of Broadband Wireless Access Systems

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Key Points - Status of Agenda Item 9.1 (Topic c)

The draft CPM text presents two Approaches to address this Agenda Item 9.1 (Topic c).

Approach 1

Developing new ITU-R Recommendation(s), Report(s) and Handbook(s) through submission of contribution to the subsequent relevant ITU-R meetings in that regard.

Approach 2

Revising the existing ITU-R Recommendation(s), Report(s) and Handbook(s) through submission of contribution to relevant ITU-R subsequent meetings

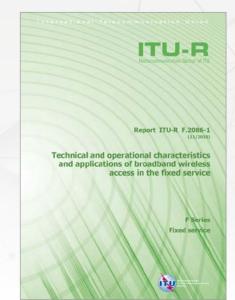
The draft CPM text also presents two Alternatives to address the issue of a response to the objectives of Resolution 175 (WRC-19)

Alternative 1

Considers that Resolution 175 (WRC-19) need to be revised, or be replaced with a draft new WRC Resolution, to continue conducting the studies requested by WRC-23 agenda item 9.1, (Topic c).

Alternative 2

There is no need to have any draft new or revised Resolution on this matter in the draft CPM text and doing so would be outside the scope of the Resolution 175 (WRC-19) resolves and consequently is not compliant with Resolution ITU-R 2-8, Annex 1 (Working methods), § A1.2.8.



GSOA Recommendation

- > Support Approach 2 to address the issue for the use of IMT technology in the frequency bands allocated to the fixed service on a primary basis by updating existing ITU-R Recommendations/Reports/Handbooks.
- Support Alternative 2 to address the issue of a response to the objectives of Resolution 175 (WRC-19), reflecting the fact that there is no need to have any draft new or revised Resolution.
- > There is no need to develop new regulatory provisions in the Radio Regulations and thus agenda item 9.1 (Topic c) should not lead to any changes to the Radio Regulations.
- > The suppression of Resolution 175 (WRC-19).







