

NATIONAL PREPARATORY COMMITTEE TOWARDS WRC-27 AGENDA ITEM BRIEF

Chapter: 5

Service: *All Radiocommunication Services (cross-sector agenda item)*

Agenda Item: 2

Description of Agenda Item: *To examine the revised ITU Radiocommunication Sector Recommendations incorporated by reference in the Radio Regulations communicated by the Radiocommunication Assembly, in accordance with the further resolves of Resolution 27 (Rev.WRC-19), and to decide whether or not to update the corresponding references in the Radio Regulations, in accordance with the principles contained in the resolves of that Resolution;*

Focus: *Recommendations Incorporated by Reference*

The focus of Agenda Item 2 is to ensure that the Radio Regulations continue to reference the most appropriate and up-to-date ITU-R Recommendations incorporated by reference, while maintaining regulatory stability and legal certainty.

This is achieved through activities that include:

- i. Maintenance of the regulatory framework of the Radio Regulations.
- ii. Review of revised ITU-R Recommendations incorporated by reference.
- iii. Assessment of whether updated Recommendation versions should replace existing references in the Radio Regulations.
- iv. Ensuring that technical standards referenced in Radio Regulations remain current and appropriate.

Status of Studies

Studies and reviews under Agenda Item 2 are conducted throughout the WRC preparatory cycle involving contributions from ITU-R Study Groups, the Radiocommunication Assembly and regional preparatory organizations.

The status of these activities can be summarized as follows:

- i. ITU-R Study Groups are continuing to develop and revise the Recommendations.

- ii. Regional groups (APT, CEPT, ATU, CITEL, RCC, ASMG) are developing preliminary views on which revised Recommendations will be incorporated.
 - iii. The Radiocommunication Assembly (RA-27) will identify revised ITU-R Recommendations eligible for consideration.
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Objective of the Studies

The studies under AI 2 seek to determine whether revisions to incorporated ITU-R Recommendations warrant corresponding updates to the references contained in the Radio Regulations.

Specifically, the studies aim to:

- i. Ensure that references in the Radio Regulations point to the most appropriate and technically up-to-date ITU-R Recommendations.
 - ii. Preserve regulatory certainty while allowing technical evolution.
 - iii. Avoid unintended regulatory consequences from updating incorporated references.
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Studied Frequency Bands

AI 2 is not associated with any specific frequency band. Rather, its scope extends to all frequency bands covered by the ITU-R Recommendations under consideration.

Therefore:

- i. It is not frequency-band specific.
 - ii. It may affect any frequency band associated with the Recommendations under review.
 - iii. The scope depends on the Recommendations submitted by RA-27.
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Methods to Satisfy the Agenda Item

To address the requirements of AI 2, administrations and ITU-R are undertaking a structured review process in accordance with Resolution 27 (Rev.WRC-19).

This process generally involves:

- i. Identification of revised ITU-R Recommendations.
- ii. Assessment against Resolution 27 (Rev.WRC-19) criteria.
- iii. Evaluation of regulatory implications of updating references.

- iv. Development of WRC-27 proposals to either update references, retain existing references, or defer updates where necessary.

Regulatory and Technical Framework

The review of incorporated references is carried out within an established regulatory and technical framework that provides the legal and procedural basis for decision-making.

The key elements of this framework include:

- i. ITU Radio Regulations.
- ii. Resolution 27 (Rev.WRC-19) – Incorporation by Reference.
- iii. Relevant ITU-R Recommendations.
- iv. Decisions of RA-27 and WRC-27.

Interference Protection Mechanisms

Although AI 2 does not directly establish new interference criteria or sharing studies, any proposed updates must preserve the integrity of existing protection mechanisms.

In this regard:

- i. No new interference studies are directly mandated under AI 2.
- ii. Protection mechanisms remain those contained within the Radio Regulations and the referenced ITU-R Recommendations.
- iii. Any update must preserve the existing protection objectives and regulatory intent.

Technical and Regulatory Challenges

The review process presents several technical and regulatory challenges that must be carefully considered before any references are updated.

These challenges include:

- i. Determining whether a revised Recommendation introduces substantive technical changes.
- ii. Avoiding automatic regulatory changes through incorporation of updated texts.
- iii. Maintaining consistency between treaty-level regulations and evolving technical standards.

- iv. Achieving consensus among administrations on which Recommendation versions should be referenced.

Conclusion

WRC-27 Agenda Item 2 is a standing regulatory maintenance item rather than a spectrum allocation or sharing study item. Its purpose is to review revised ITU-R Recommendations incorporated by reference into the Radio Regulations and decide whether the corresponding references should be updated. The outcome helps keep the Radio Regulations technically current while preserving regulatory stability and legal certainty.