ITU Radio Regulations

ITU – Radiocommunication Bureau

Introduction

- International treaty governing the use of the radio-frequency spectrum and the satellite orbits. Defines rights and obligations of ITU Member States to access to the spectrum and orbits.

- Mandatory or voluntary regulatory procedures (coordination, plan modification, notification and recording in the Master Register or Plans).

- The RR incorporate the decisions of the World Radiocommunication Conferences (WRC) and updated every WRC (3 to 4 years), last version was issued in 2012 after WRC-12.

- Online versions in all 6 languages are free of charge at http://www.itu.int/pub/R-REG-RR-2012

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Objectives of the Radio Regulations

- To facilitate equitable access to and rational use of the radio-frequency spectrum and the satellite orbits.

- To ensure the availability and protection from harmful interference of the frequencies provided for distress and safety.

- To assist in the prevention and resolution of cases of harmful interference between administrations.

- To facilitate the efficient and effective operation of all radiocommunication services.

- To enable development of new applications of radiocommunication technology.

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Radio Regulations (RR)

The RR is published in four volumes:

- Volume 1 – Articles

- Volume 2 – Appendices

- Volume 3 – Resolutions and Recommendations

- Volume 4 – ITU-R Recommendations incorporated by reference

- Maps to be used in relation to Appendix 27

Volume 1 of the RR (1/2)

- CHAPTER I – Terminology and technical characteristics (definitions of radio services and stations (Art. 1, etc.)

- CHAPTER II – Frequencies (Table of frequency allocations (Art. 5), etc.)

- CHAPTER III – Coordination, notification and recording of frequency (Status of assignments recorded in the Master Register, Articles 9, 11 and 12, etc.)

- CHAPTER IV – Interferences (Procedure in a case of harmful interference (Art. 15) and international monitoring system (Art. 16))

Volume 1 of the RR (2/2)

- CHAPTER V – Administrative provisions (Licences (Art. 18), identification of stations (Art. 19), Service publications (Art.20), etc.)

- CHAPTER VI – Provisions for services and stations

- CHAPTER VII – Distress and safety communications

- CHAPTER VIII – Aeronautical services

- CHAPTER IX – Maritime services

- CHAPTER X – Provisions for entry into force of the RR

Volume 2 of the RR (Appendix 1 to 42)

- Appendix 1: Classification of emissions and necessary bandwidths
- Appendix 4: Characteristics of stations to be notified
- Appendix 9 and 10 for reporting infringement and interference
- Appendix 16: Documents with which stations on board ships and aircraft shall be provided
- Appendix 25: Worldwide Frequency Plan for coast radiotelephone
- Appendix 26: Worldwide Frequency Plan for the aeronautical mobile (OR) service
- Appendix 27: Worldwide Frequency Plan for the aeronautical mobile (R)
- Etc.

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Volume 3 of the RR

- Volume 3 contains all the WRC resolutions and recommendations.

- Resolutions and recommendations adopted by previous Conferences are reviewed by WRC (under Agenda Item 4 of WRC-15), with a view to their possible revision, replacement or abrogation.

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Volume 4 of the RR

- Volume 4 contains all the ITU-R Recommendations incorporated by reference.

- ITU-R Recommendations are technical standards resulting from the work carried out by the Radiocommunication Study Groups.

- Application of these Recommendations is not mandatory, except those incorporated by reference in the RR and contained in volume 4.

- References in the RR are updated by WRC (under Agenda Item 2 of WRC-15).

Rules of Procedure

- The RR are supplemented by its Rules of Procedure, clarifying the application of particular rules or establishing the necessary practical procedures.

- The Rules of Procedure are approved by the Radio Regulations Board (RRB) on the basis of proposals submitted by the BR and in consultation with the administrations.

- Online versions in all 6 languages at: https://www.itu.int/pub/R-REG-ROP-2012

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Thank you for your attention!

ITU – Radiocommunication Bureau
Questions to brmail@itu.int or brtpr@itu.int