**Annex 1**

**Summary of ITU-R Resolutions during Radio Assembly 2023 (RA-23) and their relevance to ITU-D work**

Table below provides summary of ITU-R Resolutions during RA-23 and their relevance to ITU-D work. The mandate given to BDT under relevant RA-23 resolutions will be included in the implementation of the Kigali Action Plan and relevant resolutions of WTDC-21.

| Resolution | Title | Action in RA-23 | To note |
| --- | --- | --- | --- |
| ITU-R 1-8 | **Working methods for the Radiocommunication Assembly, the Radiocommunication Study Groups, the Radiocommunication Advisory Group and other groups of the Radiocommunication Sector** | MOD |  |
| ITU-R 2-8 | **Conference Preparatory Meeting** | MOD |  |
| ITU-R 4-8 | **Structure of Radiocommunication Study Groups** | MOD |  |
| ITU-R 5-8 | **Work programme and Questions of Radiocommunication Study Groups** | MOD |  |
| ITU-R 6-3 | **Liaison and collaboration with the ITU Telecommunication Standardization Sector** | SUP | See new resolution ITU-R 75 |
| ITU-R 7-4 | **Telecommunication development including liaison and collaboration with the ITU Telecommunication Development Sector** | SUP | See new resolution ITU-R 75 |
| ITU-R 8-3 | **[Radiowave propagation studies and measurement campaigns in developing countries](https://www.itu.int/md/R23-RA23-C-0086/en)** | MOD | *considering*  *c)* that Resolution **5** (Rev.WRC‑15) resolves to instruct the Secretary-General to offer the assistance of the Union to developing countries in the tropical areas which endeavour to carry out national propagation studies in order to improve and develop their radiocommunications; and to assist these countries, if necessary with the collaboration of international and regional organizations which may be concerned, in carrying out national propagation measurement programmes, including collecting appropriate meteorological data; and to arrange funds and resources for this purpose from the United Nations Development Programme (UNDP) and other sources in order to enable the Union to provide the countries concerned with adequate and effective technical assistance for the purpose of this Resolution,  *resolves*  that the Radiocommunication Bureau, with appropriate support from Radiocommunication Study Group 3, should collaborate closely with the Telecommunication Development Bureau in identifying suitable propagation measurement campaigns in the regions of interest and should offer all necessary technical guidance to the Telecommunication Development Bureau in the establishment of any such measurements; |
| ITU-R 9-6 | **Liaison and collaboration with other relevant organizations, in particular ISO, IEC and CISPR** | MOD |  |
| ITU-R 11-5 | **[Further development of the Spectrum Management System for Developing Countries](https://www.itu.int/md/R23-RA23-C-0067/en)** | MOD | *considering*  *a)* that an upgraded spectrum management system would contain software modifications to the current Spectrum Management System for Developing Countries (SMS4DC) to support and facilitate upgraded national spectrum management and monitoring, coordination among administrations and notification to the Radiocommunication Bureau (BR);  *b)* that the SMS4DC has been developed in Unicode by the Telecommunication Development Bureau (BDT) in close cooperation with BR based on the technical specifications developed by the ITU‑R and ITU‑D group of experts;  *c)* that data elements used in the SMS4DC were based on relevant ITU‑R Recommendations on spectrum management, including those for notification and coordination purposes;  *d)* that many administrations have been successful in implementing automated management systems in the development and maintenance of their national spectrum management data,  *resolves*  1 that Study Group 1 and BR experts should continue to assist in the further development of the SMS4DC in accordance with WRC decisions and relevant ITU‑R Recommendations, including radio-wave propagation prediction methods from P-series Recommendations, Handbooks and Reports;  2 that BR should continue to assist BDT in implementing the Spectrum Management System in different countries through the participation of Study Group 1 and BR experts in relevant training projects, such as ITU Academy. |
| ITU-R 12-1 | **[Handbooks and special publications for development of radiocommunication services](https://www.itu.int/md/R23-RA23-C-0058/en)** | MOD | *invites*  1 the Telecommunication Development Sector to indicate what special subjects would be most useful to developing countries so that planning for handbooks and special publications may be undertaken. |
| ITU-R 15-6 | **Appointment and maximum term of office for Chairmen and Vice‑Chairmen of Radiocommunication Study Groups, the Coordination Committee for Vocabulary and of the Radiocommunication Advisory Group** | SUP |  |
| ITU-R 19-5 | **Dissemination of ITU-R texts** | MOD |  |
| ITU-R 22-5 | **Improvement of national radio spectrum management practices and techniques** | MOD |  |
| ITU-R 23-3 | **Extension of the international monitoring system to a worldwide scale** | MOD |  |
| ITU-R 25-3 | **Computer programs and associated reference numerical data for radiowave propagation studies** | NOC |  |
| ITU-R 28-2 | **Standard-frequency and time-signal emissions** | NOC |  |
| ITU-R 36-5 | **Coordination of vocabulary in the six official languages of the Union on an equal footing in the ITU Radiocommunication Sector** | MOD |  |
| ITU-R 37 | **Radio-wave propagation studies for system design and service planning** | NOC |  |
| ITU-R 40-4 | **Worldwide database of terrain height and surface features** | NOC |  |
| ITU-R 47-2 | **Future submission of satellite radio transmission technologies for IMT-2000** | NOC |  |
| ITU-R 48-3 | **Strengthening the regional presence in the Radiocommunication Study Group work** | SUP |  |
| ITU-R 50-4 | **Role of the Radiocommunication Sector in the ongoing development of IMT** | MOD |  |
| ITU-R 52-1 | **Authorization for the Radiocommunication Advisory Group (RAG) to act between Radiocommunication Assemblies (RAs)** | NOC |  |
| ITU-R 54-3 | **Studies to achieve harmonization for short-range devices** | MOD |  |
| ITU-R 55-3 | **[ITU-R studies of disaster prediction, detection, mitigation and relief](https://www.itu.int/md/R23-RA23-C-0081/en)** | MOD | *noting*  *a)* Resolution 34 (Rev. Kigali, 2022) of the World Telecommunication Development Conference, on the role of telecommunications/information and communication technologies in disaster preparedness, early warning, rescue, mitigation, relief and response;  *invites the study groups*  to take into consideration the scope of ongoing studies/activities outlined in the ITU‑R webpage on [Emergency Radiocommunications](http://www.itu.int/net/ITU-R/index.asp?category=information&rlink=emergency&lang=en)[[1]](#footnote-1)1 and information provided by the Bureau on related activities of the other two Sectors and the General Secretariat, in the development of their work programmes in order to avoid duplication of effort.  (**Note**: Annex to this resolution has list of all relevant recommendations, reports and handbooks of ITU-R sector dealing with the subject issue. ITU-D report <https://www.itu.int/hub/publication/d-stg-sg02-05-2-2021/> has also been referenced ) |
| ITU-R 56-2 | **Naming for International Mobile Telecommunications** | MOD | *resolves*  1 that the term “IMT-2000” encompasses also the enhancements and future developments of IMT‑2000, and that *recognizing* *g)* applies;  2 that the term “IMT-Advanced” encompasses also the enhancements and future developments of IMT‑Advanced, and that *recognizing* *h)* applies;  3 that the term “IMT-2020” encompasses also the enhancements and future developments of IMT‑2020, and that *recognizing* *i)* applies;  4 that the term “IMT-2030” be applied to those systems, system components and related aspects that include radio interface(s) which support(s) the additional capabilities of systems beyond IMT‑2000, IMT-Advanced and IMT-2020, and that *recognizing* *j)* applies;  5 that the term “IMT” be the name that collectively applies to “IMT-2000”, “IMT-Advanced”, “IMT-2020”, and “IMT-2030”. |
| ITU-R 57-2 | **Principles for the process of development of IMT-Advanced** | NOC |  |
| ITU-R 58-2 | **Studies on the implementation and use of cognitive radio systems** | NOC |  |
| ITU-R 59-2 | **Studies on availability of frequency bands for worldwide and/or regional harmonization and conditions for their use by terrestrial electronic news gathering systems** | MOD |  |
| ITU-R 60-2 | [**Reduction of energy consumption for environmental protection and mitigating climate change by use of ICT/radiocommunication technologies and systems**](https://www.itu.int/md/R23-RA23-C-0092/en) | MOD | *considering*  *g)* that ITU, at the United Nations Conference on Climate Change in Bali, Indonesia, on 3‑14 December 2007, highlighted the role of ICTs as both a contributor to climate change, and an important element in tackling the challenge;  *further considering*  *d)* ITU‑D Question 3/1, on the use of telecommunications/ICTs for disaster risk reduction and management, resources, and active and passive space-based sensing systems as they apply to disaster and emergency relief situations;  *e)* that ITU‑D Question 6/2 examines the links between ICTs, climate change, global greenhouse gas (GHG) emission reduction and development, as these fields become increasingly interlocked due to the magnifying effect of climate change on existing development challenges and vulnerabilities;  *f)* that ITU‑D Question 6/2 also addresses the role of Earth observation in climate change, as this radio technique is essential for monitoring the state of the Earth in terms of climate and its evolution,  *taking into account*  Resolution 66 (Rev. Kigali, 2022), on information and communication technology, environment, climate change and circular economy, adopted by the World Telecommunication Development Conference (WTDC‑22);  *resolves*  3 to maintain close cooperation and to regularly liaise with ITU‑T, ITU‑D and the General Secretariat, and to take into account the results of the work carried out in these Sectors and avoid duplication, |
| ITU-R 61-2 | [**ITU-R’s contribution in implementing the outcomes of the World Summit on the Information Society and the 2030 Agenda for Sustainable Development**](https://www.itu.int/md/R23-RA23-C-0060/en) | MOD | *recognizing*  *b)* the programmes, activities and regional initiatives being carried out in accordance with the decisions of WTDC‑22 for bridging the digital divide |
| ITU-R 62-2 | [**Studies related to testing for conformance with ITU-R Recommendations and interoperability of radiocommunication equipment and systems**](https://www.itu.int/md/R23-RA23-C-0082/en) | MOD | *recognizing*  *d)* the progress reports presented by the Director of the Telecommunication Standardization Bureau to the Council and the Plenipotentiary Conference,  *considering*  *a)* that there is an increasing number of complaints that equipment is often not fully interoperable with other equipment;  *b)* that some countries, especially the developing countries, have not yet acquired the capacity to test equipment and provide assurance to consumers in their countries;  *c)* that increased confidence in the conformance of radiocommunication equipment may increase the chances of end-to-end interoperability of equipment from different manufacturers, and would assist developing countries in the choice of solutions,  *taking into account*  the experience acquired by ITU‑T and ITU‑D in the course of implementing Resolution 177 (Rev. Bucharest, 2022) of the Plenipotentiary Conference, Resolution 76 (Rev. Geneva, 2022) of the World Telecommunication Standardization Assembly and Resolution 47 (Rev. Kigali, 2022) of the World Telecommunication Development Conference,  *resolves*  that ITU‑R collaborate with, and provide information when requested by, ITU‑T and ITU‑D on conformance and interoperability testing within its existing mandate consistent with Resolution 177 (Rev. Bucharest, 2022) of the Plenipotentiary Conference (see noting *b)*), |
| ITU-R 64 | **Guidelines for the management of unauthorized operation of earth station terminals** | NOC |  |
| ITU-R 65 | **Principles for the process of future development of IMT for 2020 and beyond** | MOD |  |
| ITU-R 66-1 | **Studies related to wireless systems and applications for the development of the Internet of Things** | MOD |  |
| ITU-R 67-1 | **Telecommunication/ICT accessibility for persons with disabilities and persons with specific needs** | MOD |  |
| ITU-R 68 | **Improving the dissemination of knowledge concerning the applicable regulatory procedures for small satellites, including nanosatellites and picosatellites** | NOC |  |
| ITU-R 69-1 | [**Development and deployment of international public telecommunications via satellite in developing countries**](https://www.itu.int/md/R23-RA23-C-0078/en) | MOD | *invites the Director of the Telecommunication Development Bureau*  1 to organize workshops, seminars and training courses that specifically address sustainable and affordable access to satellite telecommunications, including broadband connectivity, and to continue activities between the relevant study groups of ITU D and ITU R that will assist developing countries to extend and enhance the capacity-building activities on the use of broadband connectivity via satellite;  2 to bring this resolution to the attention of the World Telecommunication Development Conference, |
| ITU-R 70 | **Principles for the future development of broadcasting** | MOD |  |
| ITU-R 71 | **Role of the Radiocommunication Sector in the ongoing development of Television, Sound and Multimedia Broadcasting** | MOD | *resolves*  1 that a roadmap for ITU‑R activities for broadcasting should be developed by the relevant Radiocommunication Study Group to ensure that this work is progressed effectively and efficiently with other ITU‑R Study Groups, ITU‑T and ITU‑D as well as organizations external to ITU;  2 that taking into account the established processes for intersector coordination activities between ITU‑R and ITU‑D concerning broadcasting, these activities should be continued and enhanced; |
| ITU-R 72 | **Promoting gender equality and equity, and bridging the contribution and participation gap between women and men in ITU-R activities** | ADD |  |
| ITU-R 73 | **Use of IMT technologies for Fixed Wireless Broadband in the frequency bands allocated to the fixed service on a primary basis** | ADD |  |
| ITU-R 74 | **Activities related to the sustainable use of radio-frequency spectrum and associated satellite-orbit resources used by space services** | ADD |  |
| ITU-R 75 | [**Strengthening coordination and cooperation among the three ITU Sectors on matters of mutual interest**](https://www.itu.int/md/R23-RA23-C-0065/en) | ADD | *invites the Directors of the Bureaux*  to continue to create cooperation mechanisms at secretariat level on matters of mutual interest to the three Sectors;  *invites the Telecommunication Development Advisory Group, in collaboration with the Radiocommunication Advisory Group and the Telecommunication Standardization Advisory Group*  *instructs the ITU Radiocommunication Sector Study Groups*  to continue cooperation with the Study Groups of the other two Sectors so as to avoid duplication of effort and proactively make use of the results of work done by the Study Groups of those two Sectors,  *instructs the Chairs of the Study Groups and the Director of the Radiocommunication Bureau*  to take all appropriate actions for the implementation of this Resolution by, *inter alia*, motivating participants in the Radiocommunication Sector to provide assistance to the Telecommunication Development Sector,  *invites Member States and Sector Members*  1 to support efforts to improve inter-Sector coordination;  2 to actively participate in the implementation of this Resolution by, *inter alia*, providing experts to assist developing countries, by contributing to the information meetings and seminars and workshops, by providing the necessary expertise in matters under consideration by the Telecommunication Development Study Groups and by hosting trainees from developing countries. |

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1. 1 [https://www.itu.int/en/ITU‑R/information/Pages/emergency.aspx](https://www.itu.int/en/ITUR/information/Pages/emergency.aspx). [↑](#footnote-ref-1)