|  |  |
| --- | --- |
| **Radiocommunication Advisory Group Geneva, 26-29 March 2018** |  |
|  |  |
|  |  |
|  | **Document RAG18/15-E** |
| **21 March 2018** |
| **Original: English** |
| Russian Federation | |
| |  | | --- | | Proposals on collaboration between Itu-R and itu-d on the studies in response to RESOLUTION 9 (REV. BUENOS AIRES, 2017) Participation of countries, particularly developing countries, in spectrum management |  |  | | --- | | Summary  With this document it is proposed to ask the Director of Radiocommunication Bureau to ensure that the information on ITU-R study issues, which are of mutual interest for ITU-D and ITU-T, is up-to-date. This information can be useful for the activities of the Inter-Sector Coordination Team on Issues of Mutual Interest. In particular, it is proposed to forward liaison statement to the Telecommunication Development Advisory Group (TDAG), and provide the list of ITU-R studies in the field of radio spectrum management that might be of interest for the developing countries as a response to the WTDC Resolution 9.  RAG is asked to consider this document and provide the guidance that it may deem necessary. | | |

**Contact:** Arseny Plossky **E-mail:** [aplossky@gmail.com](mailto:aplossky@gmail.com)

Deputy Head of Laboratory,

Radio Research & Development Institute (NIIR),

Russian Federation

**1 Introduction**

The Inter-Sector Coordination Team on Issues of Mutual Interest has been operating throughout the last several periods of ITU Sectors, and its work can be called a success. The Team is tasked to notify the working bodies of all the Sectors of ITU about the linkages between their Study Groups and Study Questions to avoid duplicating the existing studies and ineffective use of financial and human resources.

The World Telecommunication Development Conference 2017 (WTDC-17), which took place in Buenos Aires (Argentina), has summarized the Telecommunication Development Sector (ITU-D) study period of 2014-2017, and a number of Resolutions of mutual interest have been revised. In particular, the Resolution 9 "Participation of countries, particularly developing countries, in spectrum management", which is aimed to ensure the cooperation between Radiocommunication Sector (ITU-R) and ITU-D to implement the ITU-R Study Group 1 use of radio frequency spectrum research and decisions on the national level, was revised. In the previous ITU-D study period of 2014-2017, the ITU-R / ITU-D Joint Group on Resolution 9meetings were held as a part of the ITU-D Study Group 1 meetings. This Joint Group has produced a Report, that was later has been submitted for consideration on WTDC-17.

During this research period, and later at WTDC-17, the decisions were passed that took note of the inefficiency of this group, and also have reaffirmed the ITU-R’s unequivocal leading role in managing the use of radio frequency spectrum. It was also decided not to pursue further work within the Joint Group framework and not to issue the Report from the ITU-D side. However, the acting edition of WTDC Resolution 9 contains an invitation for the Director of the Radiocommunication Bureau (BR) to continue to ensure that ITU-R continues the collaboration with ITU-D in the implementation of Resolution 9.

**2 Proposals**

In connection to the aforementioned, it is proposed to ask the Director of Radiocommunication Bureau to ensure that the information on ITU-R study issues, which are of mutual interest for ITU-D and ITU-T, is up-to-date. This information can be useful for the activities of the Inter-Sector Coordination Team on Issues of Mutual Interest. In particular, it is proposed to forward a liaison statement to the Telecommunication Development Advisory Group (TDAG), and provide the list of ITU-R studies in the field of radio spectrum management that might be of interest for the developing countries as a response to the WTDC Resolution 9.

Annex

List of ITU-R publications on issues of mutual interest in the scope of WTDC Resolution 9

* ITU-R Handbook on Computer-aided Techniques for Spectrum Management (CAT). Geneva, 2015. <http://www.itu.int/pub/R-HDB-01>
* ITU-R Handbook on National Spectrum Management. Geneva, 2015. <http://www.itu.int/pub/R-HDB-21>
* ITU-R Handbook on Spectrum Monitoring. Geneva, 2011. <http://www.itu.int/pub/R-HDB-23>
* Recommendation ITU-R SM.1047-2. National spectrum management. Geneva, 2012. <https://www.itu.int/rec/R-REC-SM.1047/en>
* Recommendation ITU-R SM.1132 General principles and methods related to spectrum sharing. Geneva, 2001. https://www.itu.int/rec/R-REC-SM.1132/en
* Recommendation ITU-R SM.1265-1. National alternative allocation methods. Geneva, 2001. <https://www.itu.int/rec/R-REC-SM.1265/en>
* Recommendation ITU-R SM.1370-2. Design guidelines for developing automated spectrum management systems. Geneva, 2013. http://www.itu.int/rec/R-REC-SM.1370
* Recommendation ITU-R SM.1392-2. Essential requirements for a spectrum monitoring system for developing countries. Geneva, 2011. <http://www.itu.int/rec/R-REC-SM.1392/en>
* Recommendation ITU-R SM.1394-0. Common format for Memorandum of Understanding between the agreeing countries regarding cooperation in spectrum monitoring matters. Geneva, 1999. <https://www.itu.int/rec/R-REC-SM.1394/en>
* Recommendation ITU-R SM.1537-1. Automation and integration of spectrum monitoring systems with automated spectrum management. Geneva, 2013. <https://www.itu.int/rec/R-REC-SM.1537/en>
* Recommendation ITU-R SM.1603-2. Spectrum redeployment as a method of national spectrum management. Geneva, 2014. <http://www.itu.int/rec/R-REC-SM.1603>
* Recommendation ITU-R SM.1604-0. Guidelines for an upgraded spectrum management system for developing countries. Geneva, 2003. <https://www.itu.int/rec/R-REC-SM.1604/en>
* ITU-R Report SM.2012-5. Economic aspects of spectrum management. Geneva, 2016. <http://www.itu.int/pub/R-REP-SM.2012>
* Report ITU-R SM.2015-0. Methods for determining national long-term strategies for spectrum utilization. Geneva, 1998. <http://www.itu.int/pub/R-REP-SM.2015>
* Report ITU-R SM.2093-2. Guidance on the regulatory framework for national spectrum management. Geneva, 2015. <http://www.itu.int/pub/R-REP-SM.2093>
* Report ITU-R SM.2257-3. Spectrum management and monitoring during major events. Geneva, 2015. <http://www.itu.int/pub/R-REP-SM.2257>
* Report ITU-R SM.2353-0. The challenges and opportunities for spectrum management resulting from the transition to digital terrestrial television in the UHF bands. Geneva, 2015. <http://www.itu.int/pub/R-REP-SM.2353>
* Report ITU-R SM.2356-0. Procedures for planning and optimization of spectrum-monitoring networks in the VHF/UHF frequency range. Geneva, 2015. <http://www.itu.int/pub/R-REP-SM.2356>
* Report ITU-R SM.2404-0. Regulatory tools to support enhanced shared use of the spectrum. Geneva, 2017. <https://www.itu.int/pub/R-REP-SM.2404>
* Report ITU-R SM.2405-0. Spectrum management principles, challenges and issues related to dynamic access to frequency bands by means of radio systems employing cognitive capabilities. Geneva, 2017. <https://www.itu.int/pub/R-REP-SM.2405>

\_\_\_\_\_\_\_\_\_\_\_\_\_\_