OUTCOMES AND RECOMMENDATION OF THE ITU WORKSHOP "MANAGEMENT OF FREQUENCY SPECTRUM AND SATELLITE ORBITS AT INTERNATIONAL LEVEL".
21 - 25 June 2010, Tashkent, Uzbekistan

At the kind invitation of the Communications and Information Agency of Uzbekistan the Telecommunication Development Bureau (BDT) and Radiocommunication Bureau (BR) of the International Telecommunication Union (ITU) in collaboration with RCC Executive Committee held ITU workshop **"Management of frequency spectrum and satellite orbits at international level"** for the RCC countries.

This workshop carried on the tradition of discussing the topical matters related to management of frequency spectrum and satellite orbit use as well as current scientific-and-technical problems of radio communication and broadcasting. The workshop provided also a good platform for sharing the experience.

The event was attended by 86 specialists from 10 ITU Member-States (including 9 CIS countries – Azerbaijan, Belarus, Kazakhstan, Kyrgyz Republic, Moldova, the Russian Federation, Tajikistan, Uzbekistan, Ukraine, and 1 Baltic State - Latvia) ITU (BR and Area Office for CIS), RCC Working Groups and Executive Committee.

The working language of the workshop was Russian.

The workshop participants considered 35 reports delivered by specialists from CIS administrations, ITU BR and BDT, frequency management bodies, R&D institutions, RCC working groups and Executive Committee. Besides, workshop activities included practical exercise on using the BR software for processing the frequency notices on terrestrial and space services.

The main principles of and approaches to management of use of frequency spectrum and satellite orbit at the international level were considered and discussed, including:

• Radiocommunication Sector (ITU-R) and Telecommunication Development Sector (ITU-D) of the International Telecommunication Union – mission, structure, tasks and domains of activities;

• Principles of management of frequency spectrum and satellite orbits at international level – basic regulatory documents and methods of regulation;

• Radio Regulations – structure and basic provisions;

• Procedures of notification, coordination and registration of frequency assignments to terrestrial and satellite services;

• Procedures for settlement of harmful interference cases and international monitoring of emissions;

• Master International Frequency Register and other BR publications;

• International and national frequency spectrum monitoring systems;

• • Structure, composition and basic functions of BR software, its use by administrations;

• ITU-R and ITU-D Study Groups – structure and most vital subjects of studies;

• Preparations for World Radiocommunication Conference 2012 (WRC-12), current situation referring to studies, draft Report of the Conference Preparatory Meeting for WRC-12;

• Implementation of Digital Broadcasting Plan GE06 in RCC countries;

• Role and main activities of RCC in the area of frequency spectrum management at the regional level;

• Regulatory, economic and technical methods and means of improving the efficiency of frequency spectrum use;

• ITU regional presence (activities of the ITU Area Office for CIS)

• Key spectrum management activities of the ITU Telecommunication Development Sector (SMS4DC software and Guidance on Transition from analogue to digital broadcasting);

• Key decisions of the World Telecommunication Development Conference 2010 (WTDC-10) referring to the countries of the RCC members – preliminary information.

Workshop participants noted:

1) topicality of this event – the materials will be used by participants in their professional activities;

2) practical significance of the reports;

3) efficiency of practical exercises;

4) importance of ITU-R and ITU-D studies and standards (ITU-R Recommendations) and other documents devoted to improving the efficiency of frequency spectrum use, deployment of advanced technologies (such as digital broadcasting, broadband wireless access, etc) for the administrations;

5) efficiency of BR as executive body of international frequency management system;

6) high practical importance for administrations of BR software for processing and examination of frequency notices .

Workshop participants also noted:

a) The necessity to use the main principles and methods of increasing the efficiency of using spectrum and satellite orbits while improving the international regulation;

b) Importance of sharing the experience on the spectrum management matters in CIS countries including in the area of development, creation, deployment and operation of radiocommunication and broadcasting systems.

c) Possibility of using by seminar participants of presentations and the information obtained at the seminar, in development of joint RCC proposals on agenda items of WRC-12 and RA-12.

Seminar participants find it important to:

1. Continue the practice of arranging ITU seminars aimed at sharing the experience between ITU and CIS administrations on the problems of spectrum management, application of Radio Regulations provisions and BR software

2. Taking into consideration positive experience of 2010 in arranging ITU seminars on above-mentioned subjects, to request RCC Executive Committee to invite RCC administrations to submit their proposals concerning organizations of similar seminars in 2011. To recommend RCC Executive Committee, if required, to contact ITU BR and BDT concerning OP-11.

3. To ask BR Director to consider the possibility to:
   ▪ publish urgently on BR Web-site draft databases on BRIFIC Special Sections (space services) CR/D and AP30(30A)/D, currently published only on CDs and distributed to administrations by mail. Significant delays in delivery in a number of cases cause impossibility for administrations to submit in time their comments to the draft Special Sections;
   ▪ unify SpaceCom software in order to migrate totally to electronic method of submission of comments to BRIFIC Special Sections (space services). Currently such comments are submitted by administrations both electronically and in paper format, depending on item of Article **9** of Appendices **30**, **30A** and **30B** PP;
   ▪ speed-up the process of correcting the incomplete data and provision of required explanations while notifying frequency assignments to terrestrial services without sending the notices back to administrations, if possible.

4. To invite administrations to tape an active part in the World Radiocommunication Seminar which will be held in Geneva in December 2010. (see http://www.itu.int/ITU-R/index.asp?category=conferences&rlink=wrs-10&lang=ru);

5. To request ITU and RCC Executive Committee to consider the possibility to arrange similar seminar for RCC countries in the 2nd half 2012 (after RA-12 and WRC-12).

BR Director Mr V. Timofeev and ITU staff note that issues raised by participants and the information obtained by them at the seminar as a result of sharing the experience, will contribute to more efficient collaboration between CIS administrations and RCC.

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