|  |  |  |
| --- | --- | --- |
| 12 SEPTEMBER 2011 | | |
| Session’s Chairman: Rizat Nurshabekov, Ministry of Communications and Information, Kazakhstan | | |
| 8.30-9.30 | **Registration** | |
| 9.30-10.00 | **Opening** | |
| Administration of Kazakhstan, International Telecommunication Union, RCC Secretariat | |
| Radiocommunication and broadcasting development in Republic of Kazakhstan | Rizat Nurshabekov, Ministry of Communications and Information, Kazakhstan |
| 10.00-10.30 | **Coffee break** | |
| International spectrum management | | |
| 10.30-12.00 | ITU and ITU-R | Francois Rancy, BR Director, ITU |
| International Spectrum Management | **Vadim Nozdrin, BR, ITU** |
| CPM-11 and WRC-12 preparation | Francois Rancy, BR Director, ITU |
| 12.00-14.00 | **Lunch** | |
| International spectrum management system | | |
| 14.00-15.30 | Preparation to Radiocommunication Assembly 2012 | Vladimir Minkin, NIIR, Russia |
| Radio Regulation Board | Viktor Strelec, RRB Vice Chairman, Russia |
| Role of Radio Advisory Group in ITU-R activities | Vladimir Minkin, NIIR, Russia |
| ITU-R Study Group Activities | Vadim Nozdrin , BR, ITU |
| 15.30-16.00 | **Coffee break** | |
| Regional spectrum management | | |
| 16.00-17.30 | Objectives and main activity Regional Commonwealth in the field of communications in spectrum management | Albert Nalbandian, Ministry of Communications, Armenia |
| CEPT and ECC activity | Thomas Ewers, ECC Chairman, Germany |
| European radio spectrum regulations and standards | Dr Michael Sharpe,  ETSI |

|  |  |  |
| --- | --- | --- |
| 13 SEPTEMBER 2011 | | |
| Session’s Chairman: Francois Rancy ( BR Director, ITU)  Efficient use of satellite orbit/spectrum | | |
| Time | **Title** | **Speaker** |
| 9.00-10.30 | Satellite International Regulatory Framework | Francois Rancy, BR, ITU |
| Critical issues of spectrum/orbit resource management | Valery Butenko, NIIR, Russia |
| ITU, the Radio Regulations and satellite networks | Per Hovstad, AsiaSat |
| 10.30-11.00 | **Coffee break** | |
| 11.00-12.30 | Evaluation of the orbital-frequency resource occupied by the geostationary satellite communication system | Lev Kantor, NIIR, Rissia |
| Improvement of regulatory procedures for satellite systems | Nikolai Varlamov, **The General Radio Frequency Centre ,** Russia |
| Problems of Spectrum/orbit use by satellite systems | Igor Geltonogov, Geyzer, Russia |
| 12.30-14.00 | **Lunch** | |
| 14.00-15.30 | Is satellite monitoring needed? | Jan Verduin, BDT Expert, Netherlands |
| Development of national telecommunication and broadcasting satellite system KAZSAT | Ajanjan Buldybaev, Ministry of communication and information, Kazakhstan |
| Experience of Belarus in application of Radio Regulation acting as notifying administration for satellite communication networks | Sergey Novikov, Ministry of communication,  Nikolay Sitsko, Giprosviaz,  Belarus |
| 15.30-16.00 | **Coffee break** | |
| 16.00-17.30 | Development of satellite communication system in Azerbaijan | Gulam Abdullaev, Ministry of communication, Azerbaijan |
| Efficient use of orbit/spectrum resorce by satellite systems | Vadim Nozdrin, BR, ITU |
| Questions and discussions | |

|  |  |  |
| --- | --- | --- |
| 14 SEPTEMBER 2011 | | |
| Session’s Chairman: Almira Gataulina (Deputy Chairman, State Spectrum Management Commission, Uzbekistan)  National experience in spectrum management | | |
| 9.00-10.30 | ITU-R studies in national spectrum management | **Vadim Nozdrin, BR, ITU** |
| National spectrum management - the French case | Eric Fournier, ANFR, France |
| National spectrum management - the German case | Thomas Ewers, Federal Network Agency, Germany |
| 10.30-11.00 | **Coffee break** | |
| 11.00-12.30 | National spectrum management – the experience of Russian Federation | Sergy Pastukh, NIIR, Russia |
| Spectrum management system in Uzbekistan | Almira Gataulina, State Spectrum Management Commission, Uzbekistan |
| National spectrum management – the experience of Kirgizstan | Almaz Kadyrkulov, Bayush Nurmatov, Communication state agency, Kirgizstan |
| 12.30-14.00 | **Lunch** | |
| 14.00-15.30 | Spectrum management activities of the BDT | Istvan Bozsoki, BDT, ITU |
| National spectrum management- the experience of Belarus | Sergey Novikov, Ministry of communication, Belarus |
| Spectrum management in Ukraine | Oleg Kokotov, State Spectrum management Center, Ukraine |
| 15.30-16.00 | **Coffee break** | |
| 16.00-17.30 | National spectrum management- the experience of Armenia | Samvel Arutunian, Repulican telecommunication center, Armenia |
| National spectrum management- the experience of Indonesia | Heru Sutadi, Telecommunication Regulatory Authority, Indonesia |
| The Republic of Moldova’s Radio-spectrum management system | Andrey Gavris, National Spectrum management center, Moldova |

|  |  |  |
| --- | --- | --- |
| 15 SEPTEMBER 2011 | | |
| Session’s Chairman: Arturas Medeisis, Lithuania  Spectrum management solutions: case studies | | |
| 9.00-10.30 | Role and tasks of monitoring’ | Jan Verduin, BDT Expert, Netherlands |
| Efficient use of radio spectrum promised by the Cognitive Radio/Software Defined Radio | Arturas Medeisis, Technical University, Lithuania |
| Operational Views on Cognitive Radio | Wladimir Bocquet, Orange, France |
| 10.30-11.00 | **Coffee break** | |
| 11.00-12.30 | Principles of optimal distribution of frequencies for land mobile systems in border areas | Arturas Medeisis, Technical University, Lithuania |
| Cross-border agreement in the band 790-862 MHz : the CEPT/RCC framework agreement | Eric Fournier, ANFR, France |
| Methodology of border coordination in digital dividend range | Igor Geltonogov, Geyzer, Russia |
| Direct assistance to countries: Spectrum management assessments and borderline frequency coordination | Istvan Bozsoki, BDT, ITU |
| 12.30-14.00 | **Lunch** | |
| 14.00-15.30 | Spectrum Refarming: Theoretical Considerations | Mr Dirk-Oliver von der Emden , OFCOM, Switzerland |
| Factors to be taken into account for spectrum refarming | Pavel Mamchenkov, Megafon, Russia |
| E-spectrum management solutions | Aleksey Burlak, LS Telcom, Germany |
| 15.30-16.00 | **Coffee break** | |
| 16.00-17.30 | Spectrum Pricing / Administrative Incentive Pricing | Mr Dirk-Oliver von der Emden, OFCOM, Switzerland |
| Market based principles in frequency management: some perspectives | Andre Arts, Radiocommunication Agency, Netherlands |
| Methodology of spectrum pricing in Russian Federation | Sergy Pastukh, Evgeny Deviatkin, NIIR, Russia |

|  |  |  |
| --- | --- | --- |
| 16 SEPTEMBER 2011 | | |
| Session’s Chairman:Vadim Nozdrin, ITU | | |
| Future of Mobile Broadband | | |
| 9.00-10.30 | Perspectives on future Mobile Broadband: IMT for the next decade | Dr. Cengiz Evci, Alcatel-Lucent, France |
| Mobile Broadband Communication - Traffic Forecast | Wladimir Bocquet, Orange, France |
| 10.30-11.00 | **Coffee break** | |
| 11.00-12.30 | Mobile broadband access: employment under limited spectrum conditions | Yuri Gromakov, Intellect Telecom, Russia |
| Future of Mobile Broadband | Mr Shao Xinhua,  China Telecom, China |
| Results of LTE network test operation in 2.5-2.7 GHz range in Belarus | Nikolay Sitsko, Giprosviaz, Belarus |
| 12.30-14.00 | **Lunch** | |
| 14.00-15.00 | **Closure** | |