



Agenda for ITU seminar on Economic aspects of national radio frequency spectrum management

Kyiv, Ukraine, 3-5 July 2007



Tuesday, 3 July

09:30-10:30	Registration of participants	
10:30-10:50	<i>Opening of seminar</i>	
	Welcome address: - Administration of Ukraine - National Commission for Communications Regulation of Ukraine (NCCR) - Ukrainian State Centre of Radio Frequencies - International Telecommunication Union (ITU)	
10:50-11:00	Approval of seminar agenda	
<i>Main tendencies in radio frequency management</i>		
11:00-11:30	Modern methods of increasing spectrum utilization efficiency	Mr Vadim Nozdrin Radiocommunication Bureau (ITU)
11:30-12:00	Towards flexible allocation of frequency bands, European WAPECS concept (ERO)	Mr Arturas Medeisis Deputy Director, European Radiocommunications Office
12:00-12:15	<i>Coffee break</i>	
12:15-12:45	Use of digital dividend after analogue switch-off	Dr Alexandre Kholod Federal Department of Environment, Transport, Energy and Communications, Federal Office of Communications (Switzerland)
12:45-13:15	Flexible spectrum use and laws of physics	Prof. Ryszard Struzak National Institute of Telecommunications (Poland)
13:15-14:30	<i>Lunch break</i>	
14:30-15:00	Providing for market self-regulation and technological neutrality in licensing of Broadband Wireless Access	Mr Arturas Medeisis Deputy Director, European Radiocommunications Office
15:00-15:30	Ultra wide band regulations	Mr Marc Le Devendec European Radiocommunications Office
15:30-15:45	<i>Coffee break</i>	
15:45-16:15	Flexible use of spectrum	Mr Igor Minaev ETSI Standardization Projects, European Telecommunications Standards Institute
16:15-16:45	Harmonized standards	Mr Igor Minaev ETSI Standardization Projects, European Telecommunications Standards Institute
16:45-17:00	Discussions	

Wednesday, 4 July

<i>Economic aspects of spectrum management</i>		
<i>National approaches</i>		
10:00-10:20	Economic aspects of spectrum usage regulation	Mr Andriy Martynenko Head of Registration and Licensing Department, NCCR (Ukraine)
10:20-10:50	Software defined radio	Mr Igor Minaev ETSI Standardization Projects, European Telecommunications Standards Institute
10:50-11:20	Spectrum market or spectrum commons?	Prof. Ryszard Struzak National Institute of Telecommunications (Poland)
11:20-11:35	<i>Coffee break</i>	
11:35-12:05	Experience of the Kyrgyz Republic in application of economic methods of spectrum management	Mr Zamirbek Mambetaliev Deputy Chief of Radiofrequency Management Department, National Agency of Communications (Kyrgyz Republic)
12:05-12:25	Economic aspects of conversion of radio frequency resources in Ukraine	Mr Sergiy Sarapulov Head of Radio Frequency Department, NCCR (Ukraine)
12:25-12:45	Main areas of work in conversion of radio frequency spectrum in the Russian Federation	Mr Viktor Strelets, Mr. Alexandr Stadinchuk, Mr. Grigoriy Demidov Secretariat of the State Commission for Radio Frequencies (Russia)
12:45-13:15	Economic efficiency of spectrum redeployment of mobile operators	Mr Evgeniy Devyatkin Radio Research and Development Institute – NIIR (Russia)
13:15-14:30	<i>Lunch break</i>	
<i>Spectrum fee</i>		
14:30-15:00	Methods of calculation of frequency charges	Mr Vadim Nozdrin Radiocommunication Bureau (ITU)
15:00-15:20	Methodological approaches to tariff formation for services connected with the use of radio frequency resources	Prof. Nina Kniazeva Head of Laboratory, Ukrainian Scientific-Research Institute of Broadcasting and Television (Ukraine)
15:20-15:40	International experience of spectrum use pricing	Mr Evgeniy Devyatkin Radio Research and Development Institute – NIIR (Russia)

15:40-15:55	<i>Coffee break</i>	
15:55-16:25	<u>Resource approach to determination of spectrum use charges</u>	Assoc. Prof. Victor Kotov Head of Department of the Management and Modelling in Social-Economic Systems, The Bonch-Bruевич Saint-Petersburg State University of Telecommunications (Russia)
16:25-16:45	<u>Methodological approaches to spectrum use pricing</u>	Mr Evgeniy Devyatkin Radio Research and Development Institute – NIIR (Russia)
16:45-17:00	Discussions	
18:00-22:00	<i>Dnipro river trip</i>	

Thursday, 5 July

<i>Economical methods for spectrum management</i>		
<i>Case study</i>		
10:00-10:20	<u>Economic aspects of radio monitoring in the frequency bands of common use in Ukraine</u>	Mr Pavlo Slobodianiuk Head of the Ukrainian State Centre of Radio Frequencies (Ukraine)
10:20-10:50	<u>Economic aspects of development of satellite communications and broadcasting market</u>	Mr Vadim Nozdrin Radiocommunication Bureau (ITU)
10:50-11:20	<u>Methodology of calculating charges for radio frequency spectrum usage by operators of FSS geostationary networks</u>	Mr Alexandr Bessilin Radio Research and Development Institute – NIIR (Russia)
11:20-11:35	<i>Coffee break</i>	
11:35-12:55	<u>Economic aspects of spectrum management in Latvia</u>	Mr Vladislavs Himins Electronic Communications Office (Latvia)
11:55-12:25	<u>ITU studies in the field of economic methods for spectrum management</u>	Mr Vadim Nozdrin Radiocommunication Bureau (ITU)
12:25-12:45	<u>Activities of the ITU Area Office in the CIS countries</u>	Mr Andrei Untila ITU Area Office in Moscow (Russia)
12:45-13:15	Open discussion This session will provide an opportunity for questions and comments from the workshop participants	
	<i>Seminar adjourns at 13:15</i>	
13:15-14:30	<i>Lunch break</i>	
14:30-18:30	<i>Kyiv sightseeing tour</i>	