



ITU Seminar “Radio frequency spectrum management. Radio monitoring as an effective tool for radio frequency spectrum management”



Kyiv, Ukraine, 10 – 12 July 2013

Draft Agenda

10 July 2013, Wednesday

08:30—09:30	Registration of participants
09:30—09:50	Official opening of Seminar: <ul style="list-style-type: none">·Opening address from the National Commission for State Regulation of Communications and Informatization·Welcome address from the Administration of Ukraine·Welcome address from the State Enterprise “Ukrainian State Centre of Radio Frequencies”·Welcome address from the International Telecommunication Union (ITU)
09:50—10:30	Session 1. Topical issues of radio frequency management Chairman: Pavlo Slobodianiuk (Ukrainian State Centre of Radio Frequencies)
09:50—10:10	New methods of spectrum monitoring for new radio technologies (Pavlo Slobodianiuk, Ukrainian State Centre of Radio Frequencies)
10:10—10:30	Spectrum management trends (Istvan Bozsoki, Telecommunication Development Bureau, ITU)
10:30—11:00	Coffee break
11:00—12:30	Continuation of Session 1
11:00—10:20	Development of CEPT and ITU deliverables (Ralf Trautmann, Chairman of ITU-R WP 1C, Chairman of CEPT/ECC/WGFM/PT22)
11:20—11:40	The influence of current developments in spectrum management on monitoring (Dr. Georg Schöne, CTO LS telcom AG, Germany)
11:40—12:00	A comprehensive spectrum management (Jerome Duboe, Integral Systems Europe, France)
12:00—12:20	Current status and general development trends of spectrum monitoring systems (Stanislav Kizima, CJS “Special Design Engineering Bureau “VECTOR”, Russian Federation)
12:30—14:00	Lunch break
14:00—15:30	Automation of radio monitoring is a key issue to increase efficiency of spectrum usage. National systems of radio monitoring Chairman : Andrei Untila (Regional Office for CIS Countries, ITU)
14:00—14:20	International monitoring system and resolving harmful interference (Nikolai Vassiliev, Radiocommunication Bureau, ITU)
14:20—14:40	Protection of fixed spectrum monitoring stations against interference (Georgij Leontjev, Communications Regulatory Authority of the Republic of Lithuania)

14:40—15:00	Automatization of the radio spectrum management in the Republic of Belarus (RUE “BelGIE”) (Konstantin Hotyko, State Supervisory Department for Telecommunications of State Enterprise “BelGIE”, Belarus)
15:00—15:20	Management of measuring equipment and stations in automated spectrum monitoring (Sergey Mitchenkov, Scientific production company «RADIAN-M», Russian Federation)
15:30—16:00	Coffee break
16:00—17:50	Continuation of Session 2
16:00—16:20	ITU Spectrum Management Training Program (SMTP) (Istvan Bozsoki, Telecommunication Development Bureau, ITU)
16:20—16:40	Automation of spectrum monitoring system topology planning in Ukraine (Pavlo Slobodianiuk, Volodymyr Tytarenko, Vadym Blagodarnyi, Mykola Kaliuzhnyi, Ukraine)
16:40—17:00	Automation of spectrum monitoring and location of short-time radio signals in HF band (Viacheslav Kalugin, Oleksandr Chebotov, “STC Academy of Sciences ARE”, Ukraine)
17:00—17:20	Status of radio spectrum management in Korea (Sang-Tae Kim, Yong-Seok Choi, Jae-Ick Choi, ETRI, Republic of Korea)
17:20—17:40	Automated information system for accounting mobile cellular terminals in Ukraine (AISUMTU) (Volodymyr Kirichenko, Ukrainian State Centre of Radio Frequencies)

11 July 2013, Thursday

09:00—10:30	Session 3. Radio monitoring of new digital signals Chairman : Nikolai Vassiliev (Radiocommunication Bureau, ITU)
09:00—09:20	Measurements of digital signals with spectrum analyzers (Tomas Hasenpusch, Bundesnetzagentur, Germany)
09:20—09:40	Methods of investigating interference into UMTS and GSM stations (Tomas Hasenpusch, Bundesnetzagentur, Germany)
09:40—10:00	System solution for spectrum monitoring of new digital cellular and wireless access radio technologies (Ievgen Kamenskyi, GRAND Technologies Ltd., Ukraine)
10:00—10:20	Operational estimation of radio stations EMC using spectrum monitoring results (Boris Antipin, Evgeniy Vinogradov, EMC and Spectrum Monitoring Laboratory of M.A. Bonch-Bruevich Sankt-Peterburg State University, Russian Federation)
10:30—11:00	Coffee break
11:00—12:30	Automated spectrum monitoring system of the UCRF (Volodymyr Tytarenko, Ukrainian State Centre of Radio Frequencies) Presentation of the UCRF spectrum monitoring system
12:30—14:00	Lunch break

14:00—15:30	Session 4. Topical issues of UHF/SHF spectrum monitoring Chairman : Stanislav Kizima (Russian Federation)
14:00—14:20	Experience of Lithuania in spectrum monitoring of microwave links (Georgij Leontjev, Communications Regulatory Authority of the Republic of Lithuania)
14:20—14:40	Influence of mobile direction finder location on bearing accuracy (Valentyn Gromozdin, Mykhailo Protsenko, Ukraine)
14:40—15:00	Specifics issues of spectrum monitoring of wideband access transmitters emission (Mykola Skrynnik, Ukrainian State Centre of Radio Frequencies)
15:00—15:20	Measurement of coverage area of transmitting DVB-T broadcasting station (Vladimir Kalinin , Alexandr Karpov, FSUE “Scientific and Research Institute of Radio Communications”, Russian Federation)
15:30—16:00	Coffee break
16:00—17:00	Session 5. Satellite monitoring Chairman : Ralf Trautmann (Chairman of ITU-R WP 1C, Chairman of CEPT/ECC/WGFM/PT22)
16:00—16:20	International aspects of satellite monitoring (Timur Kadyrov, Radiocommunication Bureau ITU)
16:20—16:40	Why and how of an international monitoring station (Guido Baraglia, SAT Corporation, USA)
16:40—17:00	Zodiac data systems (Thierry Balanche, ZODIAC AEROSPACE, France)
17:20	Departure from Ukrainian State Centre of Radio Frequencies
18:30—21:30	Reception and Dnipro river trip

12 July 2013, Friday

09:00—10:30	Section 6: Frequency management and radio monitoring at major events Chairman : Pavlo Slobodianiuk (Ukrainian State Centre of Radio Frequencies)
09:00—09:20	Monitoring during major events – Case studies (Ralf Trautmann, Chairman of ITU-R WP 1C, Chairman of CEPT/ECC/WGFM/PT22)
09:20—09:40	Protecting Major Events as Football World Cup (Jerome Duboe, Integral Systems Europe, France)
09:40—10:00	Frequency Management and Spectrum monitoring during the EURO-2012 in Ukraine (Dmytro Protsenko, Ukrainian State Centre of Radio Frequencies)
10:00—10:20	Automated spectrum management system «Universiada 2013» (Vladimir Kozmin, “IRCOS” JSC , Russian Federation)
	Summing up/Approval of the Seminar conclusions and recommendations
10:30—11:00	Coffee break
11:00—12:30	6th International Exhibition “Radio monitoring equipment and systems – status and prospects of development and production” The Seminar participants can get acquainted with up-to-date fixed and mobile radio monitoring facilities, ancillary equipment and measuring devices that are used to ensure the

	radio monitoring tasks, radio control and spectrum usage assessment, as well as with the latest software solutions - developed by the leading domestic and foreign producers – that are used for electromagnetic compatibility calculations, spectrum management, control of radio monitoring facilities and data processing
12:30—14:00	Lunch break
14:00—15:30	Continuation of the 6th International Exhibition “Radio monitoring equipment and systems – status and prospects of development and production”
15:30—16:00	Coffee break
16:00—16:30	Presentation with certificates and diplomas. Summing up