ITU Regional Workshop for CIS
"ITU Virtual Laboratory for Remote Tests of Equipment, New Technologies, and Services"
Moscow, Russian Federation, 10-12 November 2014

ANNEX 1 - DRAFT AGENDA

10 November 2014, Monday	
Day 1st: Infrastructure of the Virtual Laboratory on the Basis of the International Telecommunication Testing Centre using Simulative Network of FSUE ZNIIS and Providing Remote Access to the Measuring Equipment of the CIS Countries.	
09:30-10:00	**Registration of participants and provision of training and information materials**
10:00 -10:30	**Opening remarks:** • **Ministry of Telecom and Mass Communications of the Russian Federation;** • **Federal State Unitary Enterprise Central Science Research Telecommunication Institute (ZNIIS)*;*** • **International Telecommunication Union (ITU).**
10:30 - 12:00	Session 1: The Virtual Laboratory Infrastructure ==Chair: TBD== *The Scheme of the Acting Infrastructure of the ITU Virtual Laboratory for Remote Testing of Equipment, New Technologies, and Services* **Speaker TBD (ZNIIS)** *Infrastructure of the Virtual Laboratory of Testing the Capability to Provide Triple Play and Other Services* **Speaker TBD (ZNIIS)** *Infrastructure of Real Network Equipment of Leading World Manufacturers for Training the Skills to Work on the Equipment* **Speaker TBD (ZNIIS)** *Infrastructure of the Virtual Laboratory for Study of the Issues of Information Security and Obtaining Relevant Working Skills* **Speaker TBD (ZNIIS)**
12:00-12:30	*Questions following the 1st Session (capabilities of the Virtual Laboratory infrastructure; testing of Triple Play services, work with real network equipment, investigation of the issues of information security)*
12:30 - 13:30	**Lunch**
13:30 - 15:00	**Session 2: Use of Measuring Equipment for Metrological Testing of**

	Communication Tools, Validation of Communication Equipment Measurement Tools and Virtual Testing of Advanced Technologies **<mark>Chair: TBD</mark>** ***Use of Spirent TestCenter SPT-N4U-220*** **Speaker TBD (ZNIIS)** ***Use of IXIA 400T*** **Speaker TBD (ZNIIS)** ***Use of AMULET IP Junction Former*** **Speaker TBD (ZNIIS)** ***New Technologies and Contemporary Issues of Service Quality in Communication Networks*** **Mr. A.Kucheryavy, Advisor to Director General, ZNIIS**
15:00-15:30	**Questions following first part of the 2nd Session (use of Spirent TestCenter SPT-N4U-220, IXIA 400T, *AMULET IP Junction Former*)**
15:30 - 16:00	**Coffee break**
16:00–17:30	**Session 2: Use of Measuring Equipment for Metrological Testing of Communication Tools, Validation of Communication Equipment Measurement Tools and Virtual Testing of Advanced Technologies (continuation)** ***Use of PRIZMA Telephone Connection Former*** **Speaker TBD (ZNIIS)** ***Use of STT-7000 Universal Module Analyzer*** **Speaker TBD (ZNIIS)** ***Use of Analyzer of Protocols OKC№7 and EDSS A8619*** **Speaker TBD (ZNIIS)**
17:30-18:00	**Question following second part of 2nd Session (use of PRIZMA Telephone Connection Former, STT-7000 Universal Module Analyzer, Analyzer of Protocols OKC№7 и EDSS A8619)**
18:00-19:00	**Roundtable. Summing up**

11 November 2014, Tuesday

Day 2nd: Remote Testing of the Technologies of Data Communication through IP Networks, including the Technologies of Wired Broadband Access

10:00-12:00	**Session 3: Web Portal and Database of the Virtual Laboratory** **<mark>Chair: TBD</mark>** ***Hardware/Firmware Solution for Measuring the Internet Access Speed*** **Speaker TBD (ZNIIS)** ***Web Portal of the Virtual Laboratory. Description and Demonstrating the***

	Work Speaker TBD (ZNIIS) *Knowledge Database of the Virtual Laboratory. Description and Demonstration of the Work* Speaker TBD (ZNIIS) *New Method of Evaluation of the Quality of Video Experience* Mr. A.Kucheryavy, Advisor to the Director General, ZNIIS
12:00-12:30	Questions following 3rd Session (use of the web portal and knowledge database of the ITU Virtual Laboratory, including the measuring the Internet access speed)
12:30-13:30	**Lunch**
13:30-15:00	Session 4: Conducting of Remote Testing of New Technologies of Data Communication through IP Networks Chair: TBD *The Results of the Remote Testing of the Technologies of Data Communication through IP Networks* Speaker TBD (ZNIIS) *Demonstration of Practical Use of the Acting Infrastructure of the ITU Virtual Laboratory for Remote Testing of Equipment, New Technologies and Services* Speaker TBD (ZNIIS)
15:00-15:30	Questions following the 4th Session (practical use of the acting infrastructure of the Virtual Laboratory, discussion of the results of the conducted remote testing)
15:30–16:00	**Coffee break**
16:00–17:30	Session 5: Demonstrating the Work on the Measuring Equipment for Metrological Testing of Communication Tools, Validation of Communication Equipment Measuring Equipment and Virtual Testing of Advanced Technologies Chair: TBD *Demonstration of Practical Use of the Hardware Generator/Traffic Analyzer Spirent TestCenter SPT-N4U-220* Speaker TBD (ZNIIS) *Demonstration of Practical Use of the IXIA 400T Equipment* Speaker TBD (ZNIIS) *Demonstration of Practical Use of AMULET IP Junction Former* Speaker TBD (ZNIIS)
17:30-18:00	Questions following first part of the 5th Session (practical use of the measuring equipment of the ITU Virtual Laboratory)
18:00-19:00	Roundtable. Summing up

12 November 2014, Wednesday

Day 3rd: Training on Use of the ITU Virtual Laboratory Infrastructure

9:00–10:30	**Session 5: Demonstrating the Work on the Measuring Equipment for Metrological Testing of Communication Tools, Validation of Communication Equipment Measuring Equipment and Virtual Testing of Advanced Technologies (continuation)** *Demonstration of Practical Use of PRIZMA Telephone Connection Former* **Speaker TBD (ZNIIS)** *Demonstration of Practical Use of STT-7000 Universal Module Analyzer* **Speaker TBD (ZNIIS)** *Demonstration of Practical Use of Analyzer of the Protocols OKCNº7 and EDSS A8619* **Speaker TBD (ZNIIS)**
12:00-12:30	**Questions following second part of the 5th Session (practical use of the equipment of the Virtual Laboratory)**
12:30 - 13:30	**Lunch**
13:30-16:00	**Session 6: Practical Use of Measuring Equipment of the ITU Virtual Laboratory**
16:00 – 17:00	**Roundtable. Summing up**