17 - 18 March 2011

The International Training Seminar on
"APPROACHES ON NETWORK PERFORMANCE PARAMETERS TESTING TO ENSURE SERVICES QUALITY"
under the joint ITU-ZNIIS project "International Telecommunication Testing Centre (ITTC)" was held in ZNIIS head-quarter (Moscow)

This training seminar is a continuation of activities carried out in a **joint project of ITU-ZNIIS whose purpose is to disseminate knowledge and results of the ITTC experts work for testing** systems-network solutions, equipment and communications services among professionals of developing countries and countries of the CIS region, members of the RCC (Regional Commonwealth in the field of communications).

The Seminar reveals actual current **approaches to ensure quality of telecommunication services and testing the network performance parameters (NP)**, including experience of international companies - manufacturers and telecom operators.

The program of the Seminar included:
— **QoS standardization and terms of services quality**
— **The list of network performance parameters and norms on NGN services quality parameters**
— **Current approaches on methods and tools of services quality assessment**
— **Methodology of network performance parameters testing to ensure services quality**
— **Resource Admission Control System (RACS/RACF) for monitoring of network performance parameters testing to ensure services quality**
— **SLA as the tool for granting QoS in operator networks**
— **Results of network performance parameters testing for FoIP and MoIP services under EU project**
— **Results of NP parameters testing for typical Model of CIS operator network**

Under the practical part of the Seminar was performed **demonstration of NP parameters testing and monitoring** using specialized measurement tools from Ixia.

The Seminar was **attended by more than 60 representatives** from the following countries: **Azerbaijan, Belarus, Kazakhstan, Moldova, Kyrgyzstan, Tajikistan, Uzbekistan, Ukraine and Russia**.

Among the speakers of the seminar included recognized as international experts members of ZNIIS, invited experts from CIS-countries (RCC) and experts from manufacturers of equipment.

All approaches on testing and control of network performance parameters, presented at the Seminar, were included in the **«Handbook on testing and control of NP to ensure NGN services quality»**. This Handbook has been developed by ZNIIS experts under the ITTC project as training materials for the seminar.

According to the participants survey the Seminar had a **greater utility (score 4.3 out of 5)** and **more than 80% of** respondents **plan to attend** the next event under the ITTC project.

Event was sponsored by the following companies: Syrus Systems, Alcatel-Lucent, Iskratel.

Participants of the International Training Seminar «Approaches on network performance parameters testing to ensure services quality»
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