

ANNEX 3

10 - 11 December 2009

**The International Training Seminar on
“CONFORMANCE TESTING”**

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 **testing approaches in ITU, conformance testing experience in different countries, application of Model networks for conformance testing, proposed methodologies of protocols, equipment and services conformance testing**, including experience of international companies - manufacturers and telecom operators.

The program of the Seminar included:

- **WTSA-08 Resolution 76: Conformance and Interoperability testing**
- **Testing approach in ITU-T**
- **IPv6 Test Solution for Network Devices**
- **Aspects of conformance testing of services**
- **Test Solution for Convergent Policy and Charging Control**
- **NGN equipment manufacturers testing experience**
- **Conformance testing on the model networks, IP/MPLS**
- **NGN protocols Conformance testing**

All presentations provided on the event are available via the following link
http://www.itu.int/ITU-D/tech/OLD_TND_WEBSITE/network-infrastructure_OLD/Moscow_ZNIIS_Dec09/ZNIISFinalPresentations_2009.htm

Under the practical part of the Seminar was performed **demonstration of test creation principles** and **automatic test execution process based on SDL and TTCN-3 languages**, also **demonstration of IP/MPLS testing process was provided**.

During the presentation of the results of the project representative of the ITU-T **Mr. Paolo Rosa** noted that the **ITTC activities directly aimed at ensuring WTS Resolution 76 and ITTC Model Network can be used** as one of the sites to test for compatibility, and, as part of **«ITU Mark» program**.

Also **Mr. Paolo Rosa** mentioned that **in December of 2009** there will be **official opening of a database of ITU-T** to test for compliance, which will be **reflected to ITTC** test results.

The Seminar was **attended by more than 45 representatives** from the following countries: **Germany, Kyrgyzstan, Russia, Austria, Kazakhstan, Belorussia, Uzbekistan, Switzerland and China**.

Among the speakers of the seminar included recognized as international experts members of ZNIIS, invited experts from telecom companies (ETSI, DT, AustriaTelekom) and manufacturers of equipment (ALU, NSN).

According to the participants survey the Seminar had a **greater utility (score 4.4 out of 5)** and **more than 70% of respondents plan to attend** the next event under the ITTC project.

Event was sponsored by the following companies: Alcatel-Lucent, Nokia Siemens Networks and ZTE.



**Participants of the International Training Seminar «Conformance testing»
10-11 December 2009**