Annex 1

Training Course on Conformity and Interoperability for the Americas
Homologation Procedures and Type Approval Testing for Mobile Terminals

12-16 May 2014, Campinas (SP), Brazil

PROGRAMME

Part I: Procedures on Conformity Assessment and Interoperability Regimes (2 days)

✓ **ITU Conformity and Interoperability (C&I) Programme:** the 4 Pillars and Status of the Action Plan implementation;

✓ **ITU Guidelines and Feasibility Studies**

✓ **Procedures to establish C&I Regimes:**
  ➢ Definitions and conformity assessment schemes: certification, declaration of conformity, etc.;
  ➢ Telecommunications Act provisions: placing products in the market; institutions rights and responsibilities;
  ➢ Query for new products acceptance;
  ➢ Issuing and validating a Certificate of Conformity and homologation;
    ▪ Practical example of a complete query for mobile;
  ➢ Import procedures for testing proposals;
  ➢ Real examples of Conformity Assessment workflow from the international experience;
  ➢ Defining a list of ICT equipment and reference standards for conformity assessment;
  ➢ Harmonized technical requirements in a region or sub-region;
  ➢ Recognizing certification bodies, laboratories and test reports;
  ➢ Mutual Recognition Agreements benefits;
  ➢ Enforcement and market surveillance.

✓ **Participants' presentations on the Conformity Assessment of ICT products of their respective countries (procedures on certification, declaration of conformity, etc.).**

Part II: Type Approval of Mobile Terminals (3 days)

✓ **Overview on IMT technology and standards;**
✓ **EMC requirements;**
✓ **Embedded technologies on mobiles: Wi-fi, Bluetooth, NFC, etc.;**
✓ **SAR measurements;**
✓ **Safety requirements;**
✓ **Instruments and devices for testing and measurement;**
✓ **Equipment Under Test (EUT) configuration;**
✓ **Test uncertainty;**
✓ **Aspects regarding accreditation of Labs according 17025;**
✓ **Workshop on Lab Test.**
  Participants will follow testing sessions prepared and executed at the Mobile test lab in order to familiarize with the practical aspects related to the tests.