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.