



**Telecommunication  
Development Bureau (BDT)**

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Geneva, 12 April 2013

To:  
ITU Administrations, Regulators, Sector  
Members, Associates and Academia Members,  
Telecom Operators and Service providers,  
Manufacturers and Academic Institutions of the  
Africa region

**Subject: Training Course on Conformance and Interoperability Testing for the Africa Region,  
14-18 October 2013, Tunis (Tunisia)**

Dear Sir/Madam,

I have the pleasure to inform you that the International Telecommunication Union (ITU) in collaboration with the Centre d'Etudes et de Recherche des Télécommunications (CERT) based in Tunis, is organizing a **Training Course on Conformance and Interoperability Testing for the Africa Region in the premises of Lab of CERT, 14-18 October 2013.**

Discussions will be held in French and English.

Please note that there are no participation fees for the training. Travel arrangements and accommodation should be made and borne by the participating entity.

I invite you to visit our website (<http://www.itu.int/en/ITU-D/Technology/Pages/Events.aspx>) in order to obtain additional/detailed information, including logistics information (hotels, visa, etc.) and other relevant material.

The objective of the Course is to train experts to conduct practical testing activities on Conformance and Interoperability. The training programme is attached (Annex 1) to this invitation letter.

In case you wish to take advantage of this training programme, please send us the names of your candidates by filling in and returning the attached form (Annex 2) to [chali.tumelo@itu.int](mailto:chali.tumelo@itu.int) with copy to [riccardo.passerini@itu.int](mailto:riccardo.passerini@itu.int), by **20 September 2013**, clearly indicating the duties of interest to the candidates and their background knowledge on Conformance and Interoperability issues. Considering the limited number of seats in the class, candidates for the Training Course will be selected based on their duties and background knowledge of Conformance and Interoperability issues.

I am also pleased to inform you that partial fellowships will be awarded based on available funding to facilitate participation from Least Developed (LDC) or Low Income Developing Countries (LIC) to the Training Course. Application for Fellowship, limited to one person per country, must be authorized by the relevant Administration of the ITU Member State. The fellowship request form, annexed to this letter as Annex 3, should be returned to ITU not later than **20 September 2013**.

For any question please contact Chali Tumelo, ITU Area Representative for Southern Africa, Harare, Tel: +263 4 77 5939/5941, Fax: +263 4 77 1257, E-mail: [chali.tumelo@itu.int](mailto:chali.tumelo@itu.int).

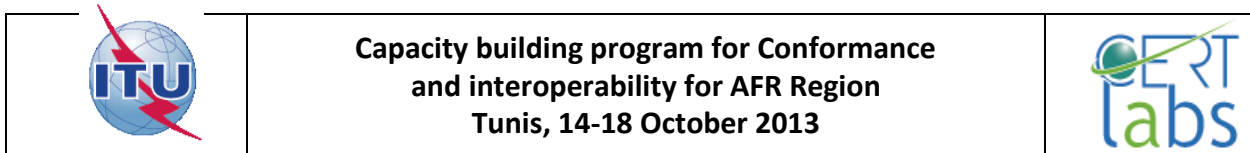
I very much hope that you will be able to participate and share your views and valuable experience with the participants, which will contribute to enrich the discussions and the outputs of the Training Course.

[Original signed]

Brahima Sanou  
Director

Cc: Andrew Rugege, Regional Director, ITU Regional Office for Africa Region

Annexe 1: Training Program



### Theory and practical EMC and Radio training

**Who should attend this training:** regulators, administrations, test laboratories, compliance bodies

**Entry requirements:** Initiated to EMC theory

**Description of the course:**

Theory EMC directive and measurements

- New approach directives
- The EMC phenomena
- The EMC harmonized standards
- The EMC instrumentation and measures
- Case study for conformity document analysis
- Quality requirements for test laboratories and uncertainty measurement

Practical EMC measurements

- Reminder about EMC theory
- Overview of EMC instrumentation
- Emission tests in laboratory
- Immunity tests in laboratory

Regulatory requirements and practical Radio measurements

- Regulatory requirements for radio equipment: the R&TTE directive
- Essential requirements of the R&TTE directive
- Theory Radio measurements
- Practical Radio measurements

**Proposed period for the course:** 14-18 October 2013

**Expected Results:**

- Capacity to analyze conformity document
- Be aware of what is required to prove compliance of a product
- Knowledge about new approach directives
- Theoretical and practical basis for EMC measures and directive
- Knowledge about ITU recommendations
- Master the Radio frequency instrumentation
- Understand the procedures for assessing the conformity of equipment incorporating radio modules
- Understand the essential requirements of R&TTE directive (Safety, Health, EMC, Spectrum management)
- Theoretical and practical basis for radio measures