INTERNATIONAL TELECOMMUNICATION UNION

Conformance and Interoperability (C&I) Validation Workshop for EAC Region
Fairmont Norfolk Hotel, Nairobi, Kenya
21st – 23rd October 2015

Draft Programme

Day 1,Wednesday 21 October 2015	
08:00-09:30	**Registration**
09:30–10:00	**Opening Session** **Chair of the Forum:** Hosting Administration • Welcome address from the hosting Administration • Opening remarks from ITU: Representative from ITU Regional Office • Remarks from EACO: Representative from the EACO Secretariat
10:00-10:30	**Coffee Break**
10:30-12:30	**SESSION 1: ITU Activities on Conformance and Interoperability** **Chair: Representative of Communications Authority of Kenya t.b.c.** This session will review the ITU Resolutions on conformity and interoperability. It will show the ITU C&I Programme implementation including an overview on the ITU Conformity Database and the ITU C&I Portal S1-1 ITU Regional Activities for the development of ICTs: Representative of ITU AFR Regional Office: **Marcelino Tayob (ITU AFR Regional Office)** S1-2 Status of Homologation Procedures for Telecommunication Equipment in EAC Countries: **(EACO Secretariat t.b.c.)** S1-3 ITU C&I Programme Pillars 1 and 2: **Representative from TSB (ITU) t.b.c.** S1-4 ITU C&I Programme Pillars 3 and 4: **Riccardo Passerini (ITU)**
12:30-14:00	**Lunch**
14:00-15:00	**SESSION 2: Procedures to establish C&I Regimes: International Organizations, reference Standards, Procedures for establishing a Conformity Assessment Schemes, Assessment Studies, Building Labs, Mutual Recognition Agreements (MRAs)** **Chair: Representative of EAC country t.b.c.** This session will consider the applicability of the global system for conformity assessment (e.g. ISO/CASCO Toolkit) and the approach to Conformity Assessment, Interoperability, Certification and Mutual Recognition Agreements and Arrangements S2-1 Why assess conformity? The benefits, principles and approaches to conformity assessment: **Bill McCrum (ITU Expert)** S2-2 ITU Guidelines for Establishing a C&I Regime: **Riccardo Passerini (ITU)**
15:00-15:30	**Coffee Break**

15:30-17:30	**SESSION 2 (cont.): Procedures to establish C&I Regimes: International Organizations, reference Standards, Procedures for establishing a Conformity Assessment Schemes, Assessment Studies, Building Labs, Mutual Recognition Agreements (MRAs)**
	Chair:
	This session will consider the applicability of the global system for conformity assessment (e.g. ISO/CASCO Toolkit) and the approach to Conformity Assessment, Interoperability, Certification and Mutual Recognition Agreements and Arrangements
	S2-3 Equipment certification, authentication of certificates in the context of MRA and importation procedures - ensuring quality: **Keith Mainwaring (UNIS)**
	S2-4 Criteria and characteristics to establish accredited Bodies/Labs in the Regions for Type Approval/Homologation: *recommendations, and best practices* (e.g. ISO/IEC/CASCO toolbox, guides and standards such as ISO/IEC 17011 and 17025); Considerations in building Type Approval and Interoperability Test Labs and areas of operation: **Bill McCrum (ITU Expert)**
	S2-5 Mutual Recognition Agreements/Arrangements: General Introduction, framework and benefits: **Bill McCrum (ITU expert)**
	Day 2, Thursday 22 October 2015
09:00–11:00	**Session 3 : Conformity Assessment and Interoperability - Building Test Labs**
	Chair: Representative of EAC country t.b.c.
	This session will show some key elements of the BDT guidelines to set up laboratories in the region, strategies, best practices, costs, status in the industries and their labs. This session will also present the accreditation schemes that could be applied for the recognition by the ITU of conformity assessment bodies (Laboratories) and best experiences, IAF and ILAC procedures for MRAs and MLAs.
	S3-1 Technical and economical steps to be followed to build Testing Labs according to the identified criteria and characteristics outlined in ISO/IEC 17025 (*Basic Steps to establish an ISO/IEC 17025 compliant testing laboratory).* Criteria for selecting countries for establishing Regional Test Centres: **Bill McCrum (ITU Expert)**
	S3-2 Organization and Activity of a test Lab: Environments, procedures and methodologies, management and maintenance of a testing center covering different kind of C&I testing areas**: Carlo Mogavero (Tilab – Italy) t.b.c.**
	S3-3 Feasibility Study for Building a Testing lab: **Bob Farotto (Tilab – Italy) t.b.c.**
11:00-11:30	**Coffee Break**
11:30-12:30	**SESSION 4: Conformity Assessment and Interoperability - Mutual Recognition Agreements (MRAs)**
	Chair: Representative from EAC Country t.b.c.
	This session will consider the conformity assessment procedures set up by various organizations, test suites, certification schemes especially from

	experiences gained in the EAC Region. The view of the industry with respect to conformity assessment and certification will also be considered.
	S4-1 ITU Guidelines for the development, implementation and management of Mutual Recognition Agreements (MRAs): **Riccardo Passerini (ITU)**
	S4-2 Mutual Recognition Agreements/Arrangements: Procedures for definition, implementation and management of MRAs: **Bill McCrum (ITU Expert)**
12:30-14:00	**Lunch**
14:00-16:00	**SESSION 5: Conformity and interoperability Assessment on Regional Basis**. **Collaboration among Regional and Sub-regional Organizations for Establishing common Conformity and Interoperability (C&I) Programmes and Mutual Recognition Agreements** **Chair: Representative from EAC/EACO t.b.c.** S5-1 Assessment Study on Conformance and Interoperability for EAC Countries. Background, Objective, Methodology Deliverables and Outcomes: **Riccardo Passerini (ITU)** S5-2 Situational Analysis – Status of Conformity and Interoperability and related initiatives in EAC countries. Awareness and Capacity on C&I in EAC countries, Centres of Excellences, Assistance required and Training capabilities: **Thomas A. Senaji (ITU experts)** S5-3 Results and Findings from the Study – General aspects of the Region, Regulatory framework, Accreditation bodies and Institutions: **Joshua K. Peprah (ITU experts)**
16:00-16:30	**Coffee Break**
16:30- 17:30	**SESSION 5 (cont.): Conformity and interoperability Assessment on Regional Basis**. **Collaboration among Regional and Sub-regional Organizations for Establishing common Conformity and Interoperability (C&I) Programmes and Mutual Recognition Agreements** S5-4 Proposed Roadmap for conformity and Interoperability Programme, including MRAs, for EAC Region– Implementation process, Phased approach, Expected benefits from a common C&I Programme for EAC countries: **Thomas A. Senaji (ITU Expert)** S5-5 Way forward for establishing common Conformity and Interoperability Regime and Mutual recognition Agreements in EAC countries – Short and Medium term approaches, possible scenarios for establishing a Conformity and Interoperability Regime: **Joshua K. Peprah (ITU Expert)** S5-6 Conclusions from the Assessment Study for EAC Countries: **Joshua K. Peprah (ITU Expert)**
	Day 3, Friday 23 October 2015
09:00:-11:00	**SESSION 6: C&I policies, Accreditation, test Labs, Certification, Regulations and needs in the region: the experience in developing countries** **Chair: Representative of EAC country t.b.c.** This session will present the situation in the region with respect to laboratories, accreditation and certification schemes, regulators and industry

views. It will also consider the point of views of regulators concerning the need of certification of products to be entered in a national market and to fight counterfeit products. Proposals, experiences, certification and rules, solutions, TBT issues. Best practices for labs accreditation, technologies covered, conformity assessment schemes, associated costs and procedures, products certification will be shown as well.

S6-1　Homologation of Telecommunication Equipment, Procedures and Experience in EAC Countries**: Representatives from EAC Region Christopher K. Kemei (Communications Authority of Kenya) t.b.c.**

S6-2　Testing Laboratory experience in the EAC Region, Country's experience, Case Studies of Tanzania: **(James Kilaba, TCRA Tanzania) t.b.c.**

S6-3　Harmonization and improvement of standards for ensuring interoperability in accordance with policies and regulations applied at National, Regional and Sub-Regional levels: **Keith Mainwaring (UNISIS)**

11:00–11:30	**Coffee Break**

11:30–12:30	**Session 7: Interactive discussion Way Forward**

Interactive groups will make possible discussions among the participants to find possible solutions to a satisfactorily implementation of the common approach for EAC Countries: Building labs and/or Establishing MRAs

Chairman: (ITU)/EACO t.b.c.

Moderators/Animators: ITU Experts, Participating Countries

12:30 -14:00	**Lunch**

14:00–15:30	**Session 8: Panel Discussion - Implementation of the C&I Programme and Action Plan for EAC countries**

Panel: Follow up for the implementation of the C&I Programme in the region based on the results of the interactive sessions. Steps to be undertaken to facilitate the creation of regional test labs and/or establishing MRAs and to create capacity building opportunities at a regional level. Establishment of further actions economical, technical and regional presence.

Moderator: Joshua K. Peprah

Discussions with Panelists will follow

15:30-16:00	**Coffee Break**

16:00–16:30	**Remarks and closing Ceremony**

- ITU
- Hosting Administration