



ITU Asia-Pacific Centres of Excellence Training on Conformity and Interoperability 12-16 October, 2015 Beijing, China

Training Overview

Conformity with international standards such as ITU Recommendations is one of the core principles underlying the global interoperability of ICT networks, devices and services. The ITU Conformity and Interoperability (C&I) programme was initiated at the request of ITU's membership to enhance the conformity and interoperability of ICT products implementing ITU Recommendations or part thereof, solicit feedback to improve the quality of ITU Recommendations, and reduce the digital divide and the Standardization Gap by assisting developing countries with human resource and infrastructure capacity building. ITU has four pillars on C & I as follows:

- Pillar 1. Conformity assessment
- Pillar 2. Interoperability events
- Pillar 3. Capacity building
- Pillar 4. Assistance in the establishment of test Centres and C& I programmes in developing countries

Under the new ITU Centre of Excellence for Asia-Pacific on C & I, CAICT is committed to expanding the application of Conformity and Interoperability and building human and institutional capability in the region. The training course aims to cover the following:

- Strategic of ITU Conformity and Interoperability, Programme, Implementation
- Conformity Assessment Principles;
- Global C&I implementation and assessment;
- C&I implementation and assessment in China;
- Global and China's Certification System ,C&I Standard Body;
- PTN (Packet Transport Network) Interoperability Test;
- Mobile Terminal Testing - Audio, Wireless Connectivity and Conformance items;
- Hand on training in lab; and
- Field trip.

The training course is designed to enhance strategic understanding of ITU Conformity and Interoperability Programme, implementation mechanism, Conformity Assessment Principles. In addition, the training offers opportunity to develop greater understanding of typical global certification system, Country Case Studies for C&I implementation and assessment. The training will enable participants to undertake and analyse of the test specification, test items and test methodologies for mobile terminal, Packet Transport Network (PTN).

Draft Agenda

12 October 2015 Day 1	
08:30 – 09:30	Registration
09:30 – 10:15	Opening Ceremony <ul style="list-style-type: none"> ▪ Mr. Sameer Sharma, Senior Advisor , ITU, Regional Office, Bangkok ▪ MIIT ▪ CAICT
10:15 - 10:30	Morning Break
10:30 – 12:00	Session 1 : Development and implementation of Conformity Assessment programmes <ul style="list-style-type: none"> ▪ Strategic of ITU Conformity and Interoperability, Programme, Implementation : ITU
12:00 – 14:00	Lunch Break
14:00 –15:00	Session 2: Conformity Assessment Principles <ul style="list-style-type: none"> ▪ Conformity Assessment Principles
15:00 – 15:15	Afternoon Break
15:15 – 17:00	Session 3: C&I in member countries <ul style="list-style-type: none"> ▪ C&I implementation and assessment in each country

13 October 2015 Day 2	
09:00 – 10:30	Session 4 : Telecommunications Equipment Approval in the EU, USA and some other examples <ul style="list-style-type: none"> ▪ Global C&I implementation and assessment
10:30 - 10:45	Morning Break
10:45 –12:00	Session 5: Mutual Recognition Agreements (MRAs) <ul style="list-style-type: none"> ▪ Mutual Recognition Agreements (MRAs)
12:00 – 14:00	Lunch Break
14:00 – 14:45	Session 6: C&I in China <ul style="list-style-type: none"> ▪ C&I implementation and assessment in China

14:45 – 15:30	Session 7: Standard Body of Telecom in China <ul style="list-style-type: none"> ▪ Introduction of China's standards organization, Scope, Technical Committee activities , International cooperation
15:30 – 15:45	Afternoon Break
15:45 – 16:15	Session 8-1: Global and China's Certification System <ul style="list-style-type: none"> ▪ Introduction of Typical global certification system (GCF, PTCRB, CTIA, etc.)
16:15 – 17:00	Session 8-2: Global and China's Certification System <ul style="list-style-type: none"> ▪ China's certification System for equipment (NAL)

14 October 2015 Day 3	
09:00 – 10:15	Session 8-2: Global and China's Certification System <ul style="list-style-type: none"> ▪ China's certification System for equipment (NAL, CCC)
10:15 - 10:30	Morning Break
10:30 – 12:00	Session 9-2: PTN (Packet Transport Network) Interoperability Test <ul style="list-style-type: none"> ▪ PTN migration strategy
12:00 - 14:00	Lunch Break
14:00 –15:00	Session 9-2: PTN (Packet Transport Network) Interoperability Test <ul style="list-style-type: none"> ▪ Review of ITU-T G.8113.1 OAM for MPLS-TP in PTN: Key features, functions specification, packet formats, etc. ▪ introduction of Test specification of Fault management (CC, RDI, LB, etc.) and Performance management(LM,DM) ▪ test items and test methodologies
15:00 – 15:15	Afternoon Break
15:15 – 17:00	Session 10-1: Mobile Terminal Testing - Audio, Wireless Connectivity and Conformance items <ul style="list-style-type: none"> ▪ Introduction of Test specification of Audio ▪ test items and test methodologies

15 October 2015 Day 4	
09:00 – 10:00	Session 10-2: Mobile Terminal Testing - Audio, Wireless Connectivity and Conformance items <ul style="list-style-type: none"> ▪ Wireless Connectivity (Wifi, Bluetooth, etc.) ▪ test items and test methodologies
10:00 – 11:00	Session 10-2: Mobile Terminal Testing - Audio, Wireless Connectivity and Conformance items

	<ul style="list-style-type: none"> ▪ Conformance items (RF, Protocol, etc.) for mobile terminal ▪ test items and test methodologies
11:00 - 11:15	Morning Break
11:15 - 12:00	Session 11-1: Experiment in test lab <ul style="list-style-type: none"> ▪ Hands on training of Mobile terminal test in Lab with test instruments and test systems ▪ Wireless Connectivity (Wifi, Bluetooth, etc.)
12:00 - 14:00	Lunch Break
14:00 - 16:00	Session 11-2: Experiment in test lab <ul style="list-style-type: none"> ▪ Hands on training of Mobile terminal test in Lab with test instruments and test systems
16:30 – 17:00	Closing Ceremony <ul style="list-style-type: none"> ▪ Mr. Sameer Sharma, Senior Advisor , ITU, Regional Office, Bangkok ▪ MIIT ▪ CAICT

16 October 2015 Day 5

09:00 – 12:00	Visit User Center of Carriers or Vendors
12:00 - 17:00	Lunch Break and Field Visit



List of Trainers for the Training Course

1. Mr. Sameer Sharma, Senior Advisor , ITU, Regional Office
2. Mr. Keith Mainwaring, ITU Expert
3. Ms. Li Fu, CAICT, China
4. Mr. Lin Guo, CAICT,China
5. Mr. GaoXiong Yi, CAICT,China
6. Ms. ZhuoFang Li, CAICT,China
7. Ms. Nan Zhong, CAICT,China
8. Mr. JianWang, CAICT, China
9. Mr. DaBing Ling, CAICT, China
10. Mr. ShiZhuo Zhao, CCSA, China
11. Mr. JunFeng Zhao, CAICT, China
12. Ms. Fang Li,CAICT, China