

## **Resolution 47 (Rev. Hyderabad, 2010)**

### **Enhancement of knowledge and effective application of ITU Recommendations in developing countries<sup>1</sup>, including conformance and interoperability testing of systems manufactured on the basis of ITU Recommendations**

The World Telecommunication Development Conference (Hyderabad, 2010),

*recalling*

Resolution 47 (Doha, 2006) of the World Telecommunication Development Conference (WTDC) on the enhancement of knowledge and effective application of ITU Recommendations in developing countries,

*considering*

that Resolution 123 (Rev. Antalya, 2006) of the Plenipotentiary Conference instructed the Secretary-General and the Directors of the three Bureaux to work closely with each other to bridge the standardization gap between developing and developed countries in such areas as conducting case studies on the application of Recommendations of the Telecommunication Standardization Sector (ITU-T) and the Radiocommunication Sector (ITU-R) or organizing training courses and workshops for this purpose,

*recognizing*

that Resolutions 44 and 54 (Rev. Johannesburg, 2008) of the World Telecommunication Standardization Assembly (WTSA) resolved to implement the action plan aimed at bridging the standardization gap between developing and developed countries, which includes five programmes (Strengthening standard-making capabilities, Assisting the Telecommunication Development Bureau in enhancing efforts in respect of standards application, Human resource building, Flagship groups for bridging the standardization gap and Fundraising for bridging the standardization gap), and that Resolution 76 (Johannesburg, 2008) of WTSA calls on ITU-T to assist developing countries in identifying human and institutional capacity building and training opportunities on conformance and interoperability testing,

*noting*

*a)* that understanding ITU Recommendations and related international standards to apply new technology to the network appropriately and effectively is essential for the implementation of Resolution 76 (Johannesburg, 2008) on studies related to conformance and interoperability testing, assistance to developing countries, and a possible future ITU Mark programme;

*b)* the lack of practical information on the application of ITU Recommendations and related standards of other countries and on how to conduct full conformance and interoperability testing in developing countries, and the lack of guidelines on applying these technical documents,

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<sup>1</sup> These include the least developed countries, small island developing states, landlocked developing countries and countries with economies in transition.

*resolves to invite Member States and Sector Members*

1 to engage in activities to enhance knowledge and effective application of ITU-R and ITU-T Recommendations in developing countries;

2 to introduce best-practice application of ITU-R and ITU-T Recommendations, in, for example, but not limited to, fibre-optic transmission technology, broadband network technology, next-generation networks and information security, by organizing training courses and workshops especially for developing countries,

*instructs the Director of the Telecommunication Development Bureau, in close collaboration with the Directors of the Telecommunication Standardization Bureau and the Radiocommunication Bureau*

1 to encourage the participation of developing countries in training courses and workshops organized by ITU-D so as to introduce best practices in the application of ITU-R and ITU-T Recommendations, for example by providing fellowships;

2 to assist developing countries in building their capacity, in collaboration with ITU-T, so as to be able to perform conformance testing of equipment and systems, relevant to their needs, in accordance with the relevant Recommendations;

3 to assist the Director of TSB, and in collaboration with the Director of BR, and as appropriate, with equipment and systems manufacturers, internationally and regionally recognized standards development organizations, in conducting conformance assessment and interoperability testing events, preferably in the developing countries, and encouraging developing countries to attend these events; and to collaborate with the Director of TSB to build capacity of the developing countries to effectively participate and be involved in these events, and to provide views of developing countries on this issue following a questionnaire addressed by Programme 1 to the ITU members;

4 to coordinate and facilitate participation of specialists from developing countries in the work of international or regional test laboratories of organizations or entities specialized in conformance assessment and interoperability testing, in order to gain on-the-job experience;

5 to collaborate with the Director of TSB in order to implement the recommended actions on Resolution 76 (Johannesburg, 2008) as endorsed by the ITU Council in 2009;

6 to assign to Programme 1 the responsibility for following up implementation of this resolution, to conduct a field study on the economic feasibility of and need for creating regional laboratories in areas which may need them (the Africa region, the Arab region and the RCC, the Americas region and the Asia and Pacific region) for conformance and interoperability testing of manufactured systems in relation to ITU-R and ITU-T Recommendations, and to report to Council on the results of this field study;

7 to submit a periodic report to the Telecommunication Development Advisory Group on the implementation of this resolution as well as a report to the next WTDC in 2014 on implementation of this resolution, which shall also contain lessons learned with a view to updating the resolution for the phase after 2014.

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