RESOLUTION 47 (Rev. Dubai, 2014)

Enhancement of knowledge and effective application of ITU Recommendations in developing countries[1], including conformance and interoperability testing of systems manufactured on the basis of ITU Recommendations

The World Telecommunication Development Conference (Dubai, 2014),

recalling

Resolution 47 (Rev. Hyderabad, 2010) of the World Telecommunication Development Conference (WTDC), on the enhancement of knowledge and effective application of ITU Recommendations in developing countries,

considering

a)   that Resolution 123 (Rev. Guadalajara, 2010) 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;

b)   that Resolution 177 (Guadalajara, 2010) of the Plenipotentiary Conference, on conformance and interoperability, calls to assist developing countries in establishing regional or subregional conformance and interoperability centres;

c)   that the session of the ITU Council in 2012, when considering the business plan for ITU's long-term implementation of the conformance assessment and interoperability (C&I) programme, agreed on a plan of action in which, in particular, the Telecommunication Development Bureau (BDT) together with the Telecommunication Standardization Bureau (TSB) proposed to continue training courses on C&I with the active involvement of the ITU regional offices;

d)   that the provisions of ITU Recommendations may be taken into consideration by ITU Member States in the development of national standards, in the developing countries,

recognizing

a)   that Resolution 44 (Rev. Dubai, 2012) of the World Telecommunication Standardization Assembly (WTSA) resolved to implement the action plan contained in its Annex aimed at bridging the standardization gap between developing and developed countries, which includes four programmes (Strengthening standard-making capabilities; Assisting developing countries with respect to the application of standards; Human resources capacity building; and Fundraising for bridging the standardization gap);

b)   that Resolution 76 (Rev. Dubai, 2012) of WTSA calls on ITU-T, in collaboration with the other Sectors, as appropriate, to assist developing countries in identifying human and institutional capacity-building and training opportunities on conformance and interoperability testing and in establishing regional or subregional conformance and interoperability centres suitable to perform conformance and interoperability testing as

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[1]   These include the least developed countries, small island developing states, landlocked developing countries and countries with economies in transition.

appropriate encouraging cooperation with governmental and non-governmental, national and regional organizations and international accreditation and certification bodies;

c)   that the conformance and interoperability programme Action Plan was updated by the Council at its 2013 session, and is contained in Document C13/24(Rev.1);

d)   that having infrastructure applications in developing countries which are compatible with the Recommendations and standards of ITU-T and/or other international and internationally recognized organizations is desirable, as against those based on proprietary technologies and equipment, so as to maintain a competitive environment to reduce costs, increase the chances of interoperability and ensure satisfactory quality of service and quality of experience,

> *noting*

a)   that understanding ITU Recommendations and related international standards, in order to apply new technology to the network appropriately and effectively is essential for the implementation of Resolution 76 (Rev. Dubai, 2012) on studies related to conformance and interoperability testing, assistance to developing countries, and a possible future ITU Mark programme;

b)   the increasing availability of implementation guidelines on the application of ITU Recommendations and on how to conduct and appropriately utilize conformance and interoperability testing, and the lack of guidelines on applying these technical documents,

> *resolves to invite Member States and Sector Members*

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

2   to enhance efforts 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 building confidence and security in the use of ICTs, by organizing training courses and workshops especially for developing countries, involving academia in the process,

> *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 continue to encourage the participation of developing countries in training courses and workshops organized by the ITU Telecommunication Development Sector (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 collaboration with the Director of the Telecommunication Standardization Bureau (TSB), in accordance with Programme 2 under WTSA Resolution 44 (Rev. Dubai, 2012), to take advantage of the guidelines established and developed by ITU-T on how to apply ITU-T Recommendations, in particular on manufactured products and interconnection, with emphasis on Recommendations having regulatory and policy implications;

3   to provide assistance in developing methodological guidance (manuals) on implementing ITU Recommendations;

4   to assist developing countries in building their capacity, in collaboration with the other Bureaux, so as to be able to perform conformance testing and interoperability testing of equipment and systems, relevant to their needs, in accordance with the relevant Recommendations, including the development or recognition of, as appropriate, conformity assessment bodies;

5   to assist the Director of TSB, in collaboration with the Director of the Radiocommunication Bureau (BR) and, as appropriate, with equipment and systems manufacturers and internationally and regionally recognized standards-development organizations, in conducting conformance assessment and interoperability testing events, preferably in the developing countries, to encourage developing countries to attend these events, to collaborate with the Director of TSB to build the 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 the relevant BDT programme to the ITU members;

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

7   to collaborate with the Director of TSB in order to implement the recommended actions on Resolution 76 (Rev. Dubai, 2012) from the conformance and interoperability programme Action Plan as endorsed by the ITU Council at its 2013 session (Document C13/24(Rev.1));

8   to assign to the BDT programme concerned the responsibility for following up implementation of this resolution;

9   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 2018 on implementation of this resolution, which shall also contain lessons learned with a view to updating the Resolution for the phase after 2018;

10   to facilitate, through the ITU regional offices, meetings of experts at the regional and subregional levels in order to promote awareness in developing countries on the question of the establishment of an appropriate C&I programme in such countries,

   invites eligible organizations under Recommendation ITU-T A.5

in collaboration with the Director of BDT and the Director of TSB, in accordance with Resolution 177 (Guadalajara, 2010), to work on building the capacity of developing countries in conformance and interoperability testing, including training.