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| **Radiocommunication Advisory GroupGeneva, 25-27 June 2012** |  |
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|  | **Addendum 1 to** |
|  | **Document RAG12-1/1-E** |
| **9 May 2012** |
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| Director, Radiocommunication Bureau |
| Conformance and Interoperability |

# 1 Introduction

RA-12 adopted Resolution ITU-R 62 on studies related to testing for conformance with ITU‑R Recommendations and interoperability of radiocommunication equipment and systems. Resolution ITU-R 62 states in its *noting*:

*“a)* that the Director of the Telecommunication Standardization Bureau will submit a business plan for the long-term implementation of Resolution 177 (Guadalajara, 2010) to the Council session in 2012;

*b)* that Resolution 177 (Guadalajara, 2010) instructs the Director of the Telecommunication Development Bureau to collaborate with the Director of the Telecommunication Standardization Bureau and the Director of the Radiocommunication Bureau to advance the implementation of Resolution 47 (Rev. Hyderabad, 2010) and to report to the Council,”

in its *resolves*:

“that ITU‑R collaborate with, and provide information when requested by, ITU‑T and ITU‑D on conformance and interoperability testing within its existing mandate consistent with Resolution 177 (Guadalajara, 2010) (see noting *b)*),”

and in its *invites the Radiocommunication Advisory Group*:

“to provide advice to the Director for activities in this area based on inputs received from Member States and Sector Members,”

As mentioned in *noting* *a)* above, a business plan for the long-term implementation of Resolution 177 (Guadalajara, 2010) on Conformance and Interoperability has been submitted to the 2012 session of the Council (see Document C12/37).

The ITU Conformance and Interoperability (C&I) Programme is based on four pillars:

Pillar 1: Conformance assessment (including the analysis of the ITU Mark and the implementation of a Conformity Database);

Pillar 2: Interoperability events;

Pillar 3: Human resource capacity building;

Pillar 4: Assistance in the establishment of test facilities in developing countries.

The business plan, elaborated by KPMG, outlines the level and skills in human resources required by the ITU Secretariat to implement the C&I Programme and covers the following areas and points:

* Analysis of ITU Secretariat information and data gathered via interviews of various ITU recommended partners, members and third parties.
* The high level as-is analysis of all Pillars so as to understand the opportunities, risks and costs associated with their implementation.
* The design of options and recommended processes for improving Pillars 1 and 4 to support a more efficient approach for these more “complex” pillars.
* The determination of total costs for the identified human resources required within the ITU Secretariat to implement all four pillars of the C&I programme. Some human resources are already dedicated to the C&I Programme, and although KPMG’s project scope does not include the calculation of the difference, ITU may consider that a portion of the investment is already covered, and only the difference in funds needs to be newly budgeted.
* Recommendations by KPMG on improving current processes for Pillars 2 and 3.

It is to be noted that the successful implementation of Pillars 3 and 4 depends strongly on the implementation of Pillars 1 and 2 and that the parallel implementation of all four pillars should be emphasised as the most productive solution to achieve the key objectives of the C&I Programme.

As mentioned above, the Radiocommunication Advisory Group is invited to provide advice for activities in this area based on inputs received from Member States and Sector Members.

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