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Subject: WRC-07 Agenda item 1.4

## **Institute of Electrical and Electronics Engineers (IEEE)**

### **SUPPORT FOR THE ALLOCATION/IDENTIFICATION OF SPECTRUM FOR TERRESTRIAL SERVICES UNDER WRC-07 AGENDA ITEM 1.4**

This contribution was developed by IEEE Project 802, the Local and Metropolitan Area Network Standards Committee (“IEEE 802”), an international standards development committee organized under the IEEE and the IEEE Standards Association (“IEEE-SA”).

The content herein was prepared by a group of technical experts in IEEE 802 and industry and was approved for submission by the IEEE 802.18 Radio Regulatory Technical Advisory Group and the IEEE 802 Executive Committee, in accordance with the IEEE 802 policies and procedures, and represents the view of IEEE 802.

IEEE 802 is following, with strong interest, the preparations for WRC-07 Agenda Item 1.4, since several standards activities are underway within the IEEE-SA that are expected to contribute significantly to the development of standards for terrestrial systems that will be deployed in spectrum allocated/identified under Agenda Item 1.4.

Therefore, IEEE is very supportive of the allocation/identification of sufficient spectrum for terrestrial systems, on a technology neutral basis, under Agenda Item 1.4. Indeed, in the coming years, radio technologies will enable significant novel wireless applications. These will require significant amounts of spectrum in which to operate and will benefit the end users in both developing and developed economies alike, by enabling advanced applications such as mobile multimedia applications, mobile Internet access, tele-working, tele-education, tele-medicine, providing access for remote communities, and generally bridging the digital divide by interconnecting people.

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