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| C:\Users\ponder\AppData\Local\Microsoft\Windows\Temporary Internet Files\Content.Word\BDT-25th_anniversary_2017-Logo_411959-3_transparent.png | **World Telecommunication Development Conference 2017 (WTDC-17)**  **Buenos Aires, Argentina, 9-20 October 2017** | C:\Users\ponder\AppData\Local\Microsoft\Windows\Temporary Internet Files\Content.Word\BDT-25th_anniversary_2017-Logo_411959-1_transparent.png |
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| PLENARY MEETING | | **Addendum 15 to Document WTDC-17/19-E** |
|  | | **16 August 2017** |
|  | | **Original: English** |
| Member States of the African Telecommunications Union | | |
| Revision of WTDC Resolution 62 | | |
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| **Priority area:** - Resolutions and recommendations  **Summary:**  The contribution made in the proposed revision of Resolution 62 consists in :   * Providing adapted EMF measurement methods and tools to assist developing countries to assess the human exposure; * Support organization of Reasarch and Acadamia in developing countries and continue cooperation * Strengthen the collaboration between BDT, TSB and BR to assist and support Member states, in particular developing countries   **Expected results:**  Revision to Resolution 62   * Continue providing to developing countries the necessary assistance and ensuring the training on EMF and its impact on their national context.   **References:**  WTDC Resolution 62 (Rev. Dubai, 2014) | | |

**MOD** AFCP/19A15/1

RESOLUTION 62 (Rev.BUENOS AIRES, 2017)

Measurement concerns related to human exposure to electromagnetic fields

The World Telecommunication Development Conference (Buenos Aires, 2017),

recalling

*a)* Resolution 72 (Rev. Hammamet, 2016) of the World Telecommunication Standardization Assembly, on measurement and assessment concerns related to human exposure to electromagnetic fields (EMF), which calls for close cooperation among the Directors of the three Bureaux to implement the resolution within the available financial resources in view of its importance to developing countries;

*b)* Resolution 176 (Busan, 2014) of the Plenipotentiary Conference, on human exposure to and measurement of electromagnetic fields,

considering

*a)* that there is a pressing need for information on the potential effects of human exposure to EMF in order to protect humans from such effects;

*b)* that there are a number of eminent international bodies involved in establishing measurement methodologies for assessing human exposure to EMF, and these already cooperate with many telecommunication standards bodies, including the ITU Telecommunication Standardization Sector (ITU‑T);

*c)* that there are independent bodies and committees whom have undertaken many researches on wireless system and health;

*d)* the lack of the necessary tools in some countries o measure and evaluate the impact of radiowaves on the human body,

recognizing

*a)* that some publications and information about EMF effects on health create doubt among the population, in particular in developing countries, causing these countries to address questions to ITU‑T and, currently, to the ITU Telecommunication Development Sector (ITU‑D);

*b)* that without adequate information or appropriate regulation, people, particularly in developing countries, may have concerns about the effect of EMF on their health, and that inadequate, or in some cases incorrect, information may result in increasing opposition to the deployment of radio installations;

*c)* that the effect on humans of EMF from handheld devices has not received enough public information, and use of a mobile phone may expose the user to a stronger EMF than a base station;

*d)* that the cost of the advanced equipment used for assessing and monitoring human exposure to EMF is very high and difficult for many developing countries to afford;

*e)* that implementing such measurement is essential for many regulatory authorities in developing countries, in order to monitor the limits for human exposure to radio-frequency energy, and that they are called upon to ensure those limits are met in order to license different services;

*f)* the work of ITU‑T Study Group 5 on this issue, including the updating of practical and affordable guidelines to help developing countries deal with this issue effectively,

*g)* that the ITU EMF guide is updated as ITU and /or WHO receive information and /or results of research

*h)* that the Focus Group on Smart Sustainable Cities established within ITU-T SG5, published a technical report on EMF considerations in smart Sustainable cities;

*i)* the creation of the new mobile application that provides a guide to EMF has been launched by ITU that provides information and education resources on EMF suitable for all communities, stakeholders and governments specially in Developing countries,

resolves to instruct the Director of the Telecommunication Development Bureau

in response to the needs of the developing countries and consistent with the substance of Resolution 72 (Rev. Hammamet, 2016), and in close cooperation with the Director of the Radiocommunication Bureau and Director of the Telecommunication Standardization Bureau (TSB):

1 to give the necessary priority to this subject and, within the available resources, allocate the necessary funds for expediting execution of this resolution;

2 to ensure that Output 2.2 determines the requirements of developing countries and their regulatory authorities (at regional level) in relation to this resolution, contributes to studies on this subject, takes an active part in the work of the relevant ITU Radiocommunication Sector (ITU‑R) and ITU‑T study groups, and submits written contributions on the results of its work in this regard, plus any proposals it deems necessary, to ITU‑D Study Group 2;

3 to provide the necessary assistance to member states, in particular developing countries, by supplying them with measurement methods to assess human electromagnetic exposure referred in the considering part b), in order to define the current state of protection against exposure to electromagnetic field and its impact on national regulations in force.

to give financial support to research organizations in developing countries,

instructs the Director of the Telecommunication Development Bureau in cooperation with the Director of the Telecommunication Standardization Bureau and the Director of the Radiocommunication Bureau to achieve the following goals:

i) contribute to the organization of seminars, workshops or trainings on the subject of human exposure to EMF issues ;

ii) ensure wide dissemination of ITU publications and literature on EMF issues;

iii) consider the contributions submitted by Members States and Academia,

invites Member States

1 to conduct a periodic review concerning the performance of the operators and mobile equipment manufacturers in this field to make sure that they are following the national specifications or ITU Recommendations, in order to ensure the safe use of EMF;

2 to encourage research organizations and /or institutions in their countries to contribute in the implementation of this Resolution;

3 to conduct public awareness campaigns on adverse impact of EMF and deploy successful solutions including regulations;

4 to continue to cooperate through exchange of experts, the organization of seminars, specialized workshops, and meetings,

encourage Academia Members and Centers of excellence

to participate actively in the work of this Resolution through the submission of contributions and proposals.

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