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| **Regional Preparatory Meeting  for WTDC-17 for Europe (RPM-EUR)** | P:\SUP\Logos\Post-150th Anniv\ITU-logo-UNblue.jpg | |
| **Vilnius, Lithuania, 27-28 April 2017** | | |
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|  | **Document** **RPM-EUR17/****14-E** | |
| **22 February 2017** | |
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| **ATDI** | | |
| REVISION OF RESOLUTION 62 (DUBAI, 2014) MEASUREMENT CONCERNS RELATED TO HUMAN EXPOSURE TO EMF | | |

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| **Priority area:**  Streamlining WTDC Resolutions  **Summary:**  ATDI proposes to update Resolution 62. Main changes refer to ITU-D activities on Qestion 7/2, ITU-T activities on Question 3/5 and ITU-R activities on Question 1/239.  **Expected results:**  Adoption of of the proposed changes at the EUR Regional Preparatory Meeting for WTDC-17.  **References:**  Resolution 62 (Rev. Dubai, 2014) |

**Proposal**

To update the title, by adding the assessment concerns, as in ITU-T Resolution 72 (Rev. Dubai, 2012); recognizing ITU-R Study Group 1 Question 1/239; deleting obsolete items.

RESOLUTION 62 (Rev. Buenos aires, 2017)

Measurement and assessment 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 in view of its importance to developing countries[[1]](#footnote-1)1;

*b)* Resolution 176 (Rev. 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),

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 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 equipment used for assessing human exposure from handheld devices to EMF is very high and difficult for many developing countries to afford;

*e)* that implementing measurements 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)* the work of ITU-R Study Group 1 Question [1/239](http://www.itu.int/pub/R-QUE-SG01.239) on the measurements techniques to assess the human exposure from wireless installations and presenting the measurement results,

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:

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,

instructs Study Group 2

within the framework of its Questions, including Question 7/2, to cooperate with ITU‑T Study Group 5 and ITU‑R Study Groups 1, 4, 5 and 6, in order to achieve the following goals:

i) to collaborate, with ITU‑T Study Group 5 in particular, i implementation guidelines, on the subject of human exposure to EMF issues, as a matter of high priority;

ii) prepare an annual report on the progress of work in this area in respect of their Questions;

iii) contribute to the organization of any seminars on this subject,

invites Member States

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 and ITU Recommendations, in order to ensure the safe use of EMF.

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1. 1 These include the least developed countries, small island developing states, landlocked developing countries and countries with economies in transition. [↑](#footnote-ref-1)