

Radiocommunication Study Groups



DRAFT

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Question: [Question ITU-R 229-2/5](#)

TECHNOLOGY ASPECTS

Institute of Electrical and Electronics Engineers, Inc. (IEEE)

NAMING OF IEEE'S IMT-ADVANCED PROPOSAL

1 Source information

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 802.16™ Working Group on Wireless Metropolitan Area Networks, 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.

2 Background

ITU-R Working Party 5D (WP 5D), at its Meeting #6, reviewed IEEE's contribution 5D/542 “Submission of a Candidate IMT-Advanced RIT based on IEEE 802.16.” The contribution was reposted, along with an acknowledgement, as Document IMT-ADV/4 (“Acknowledgement of Candidate Submission from IEEE under Step 3 of the IMT-Advanced process (IEEE technology”).

IEEE's proposal made clear that the candidate RIT was to be based on IEEE Std 802.16, and that, in particular, it was based on a new amendment to the standard that is currently under development under the project name “802.16m”.

During the meeting, discussion arose regarding the best name with which to refer to this proposal. IEEE prefers to not use the term “802.16m” as an identifier, because IEEE amendment titles are temporary names of published amendments. On the other hand, IEEE recognizes the concerns expressed by some members that “IEEE 802.16” alone is not a clear name for the RIT, since IEEE Std 802.16 includes a number of earlier technologies not proposed for IMT-Advanced.

IEEE acknowledges the need within ITU-R for a simple and clear name for the RIT and has therefore considered a solution.

3 Status

Based on these considerations, the IEEE 802.16 Working Group has introduced, into the IEEE 802.16m draft, a new term to identify the radio interface that is the basis of the IMT-Advanced candidate RIT: “WirelessMAN-Advanced”. This term recognizes that the candidate is an advanced technology following from the pre-existing WirelessMAN-OFDMA air interface.

4 Proposal

IEEE proposes that ITU-R refer to IEEE’s IMT-Advanced candidate RIT as “IEEE WirelessMAN-Advanced”.

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