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Institute of Electrical and Electronics Engineers (IEEE)

IEEE NEW PROJECT TO DEVELOP A STANDARD TO MEET THE CELLULAR LAYER REQUIREMENTS OF IMT-ADVANCED

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.

The IEEE 802.16 Working Group has initiated a new standardization project, designated P802.16m, to amend the WirelessMAN-OFDMA specification for improved performance and capabilities. It is intended to address the IMT-Advanced next generation mobile networks requirements to be defined for the cellular layer specified in Recommendation ITU-R M.1645.

Please note that the current WirelessMAN-OFDMA specification, as defined in IEEE Std 802.16, is referenced in Doc. 8F/[IEEE-1], which proposes the addition of a new radio interface in Recommendation ITU-R M.1457. Also note that the P802.16m project will provide continuing support for legacy WirelessMAN-OFDMA equipment.

The P802.16m project is intended for future contributions to ITU-R WP 8F on IMT-Advanced.

IEEE 802.16 Working Group looks forward to the ongoing cooperation with ITU-R Working Party 8F in the development of the project to meet the IMT-Advanced requirements.

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