IEEE APPROVES IEEE 802.16m

ADVANCED MOBILE BROADBAND WIRELESS STANDARD

The WirelessMAN-Advanced Air Interface, already approved by ITU-R as an IMT-Advanced technology, provides a future evolution path for existing IEEE 802.16 service providers.

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PISCATAWAY, N.J., USA, 31 March 2011 -- IEEE, the world's largest professional association advancing technology for humanity, today announced that the IEEE Standards Association (IEEE-SA) Standards Board has approved IEEE 802.16m ("Amendment to IEEE Standard for Local and metropolitan area networks, Part 16: Air Interface for Broadband Wireless Access Systems - Advanced Air Interface").

IEEE 802.16m provides the performance improvements necessary to support future advanced services and applications for next generation broadband mobile communications. In October 2010, ITU-R agreed to incorporate this technology into its IMT-Advanced Recommendation specifying systems that support low to high mobility applications, a wide range of data rates in multiple user environments, high-quality multimedia applications, and significant improvements in performance and quality of service.

A globally relevant standard, IEEE 802.16m incorporates innovative communications technologies such as multi-user MIMO, multicarrier operation, and cooperative communications. It supports femto-cells, self-organizing networks, and relays. Major worldwide governmental and industrial organizations, including ARIB, TTA, and the WiMAX Forum, are adopting this standard.

"We are delighted that IEEE has recognized the completion of this comprehensive technical effort that has involved hundreds of creative and diligent professionals from over twenty countries during the last four years," said Dr. Roger Marks, Chair of the IEEE 802.16 Working Group. "Our organization was able to efficiently harmonize these innovative technologies into a clear set of specifications guiding the future development of the mobile broadband marketplace."

Additional details can be found at <WirelessMAN.org>.

About the IEEE Standards Association

The IEEE Standards Association, a globally recognized standards-setting body within the IEEE, develops consensus standards through an open process that engages industry and brings together a broad stakeholder community. IEEE standards set specifications and best practices based on current scientific and technological knowledge. The IEEE-SA has a portfolio of over 900 active standards and more than 500 standards under development. For more information visit http://standards.ieee.org/.

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