Call for Contributions on Requirements for P802.16m - Advanced Air Interface

Deadline: 23 February 2007 AOE

The IEEE 802.16 Working Group on Broadband Wireless Access is preparing to define the P802.16m Advanced Air Interface amendment to the existing 802.16-2004 and 802.16e-2005 broadband wireless access air interface specifications in accordance the approved PAR for P802.16m <http://standards.ieee.org/board/nes/projects/802-16m.pdf>. The PAR scope and purpose state:

"This standard amends the IEEE 802.16 WirelessMAN-OFDMA specification to provide an advanced air interface for operation in licensed bands. It meets the cellular layer requirements of IMT-Advanced next generation mobile networks. This amendment provides continuing support for legacy WirelessMAN OFDMA equipment."

"The purpose of this standard is to provide performance improvements necessary to support future advanced services and applications, such as those described by the ITU in Report ITU-R M.2072."

Specifically, the P802.16m amendment is targeted towards development of an 802.16 OFDMA-based Advanced Air Interface capable of meeting the requirements established by ITU-R Working Party 8F for "systems Beyond IMT-2000," also referred to as "IMT-Advanced."

As part of the development, the IEEE 802.16 Working Group is soliciting contributions on Functional System Requirements for P802.16m. These contributions should be based on the initial Draft Requirements document IEEE 802.16m-07/002 <http://ieee802.org/16/tgm/docs/80216m-07_002.pdf> developed by the 802.16m Task Group at 802.16's Session #47.

The Contributions must meet the following criteria:

> Each contribution should address only a single section of the draft requirements document (namely, if you want to contribute into three requirements sections, you should submit three separate contributions, one for each section)
> Each contribution should be submitted using the WG's *Word-format* submission template <http://ieee802.org/16/docs/802_16_template.doc> and ***must*** provide specific text for potential insertion into the draft Requirements Document. Contributions without specific text will ***NOT*** be considered.
> Contributions suggesting a revised Table of Contents should be submitted separately from any text contributions.
> Contributions should be uploaded to the 802.16 TGm upload server <http://tgm.WirelessMAN.org> NO LATER THAN 23 February 2007 AOE <http://ieee802.org/16/aoe.html>. Please follow all submission instructions.

Contributions will be considered non-confidential and will be posted, as soon as possible following receipt, for public access on the 802.16 Web Site <http://ieee802.org/16>.

Although the Functional Requirements text is targeted for the P802.16m amendment, contributors should consider the IMT-Advanced Framework requirements stated by the ITU-R in Recommendation M.1645, "Framework and Overall Objectives of the Development of IMT-2000 and Systems beyond IMT-2000" <http://www.ieee802.org/secmail/pdf00204.pdf> as they are developing their contributions.

Contributions will be consolidated and harmonized, where possible, by the 802.16 TGm Requirements drafting group into a new version of the Draft Requirements Document. This will be made available for review by 5 March 2007 for TGm review at Session #48.