

Call for Contributions on Project 802.16m Amendment Working Document (AWD) Content

Deadline: 27 April 2009 AOE

The IEEE 802.16 Working Group's *Task Group m* is developing the IEEE P802.16m Amendment Working Document (AWD) [1] in order to amend IEEE Std 802.16 based on the technical decisions made in the System Description Document [2], so as to address the requirements laid out in the 802.16m System Requirements Document [3]. It is also intended to facilitate development of the IMT-Advanced Radio Interface Technology Proposal as per the [ITU Liaison Group's Work Plan](#).

Call for Comments on Amendment Working Document

At 802.16 Session #60, the Amendment Working Document was updated. This document is available as [IEEE 802.16m-09/0010r1a](#). This announcement requests detailed comments on the text currently contained in that document.

Comments should be submitted in *Commentary* format, with supporting contributions as necessary. Use "tgmawd" as the Ballot ID and upload comments to the "TGm_comments" folder at <<http://upload.wirelessman.org>>.

Call for Contributions for P802.16m AWD Proposals

This announcement also requests contributions for P802.16m AWD text proposals describing functional details of the protocol procedures and the information elements based on the following sections in System Description Document [2]:

- 4: Overall Network Architecture
- 5: IEEE 802.16m System Reference Model
- 6: Advanced Mobile Station State Diagrams
- 9/10.7: Convergence Sublayer
- 10.1: Addressing
- 10.6: Security
- 10.8: Network Entry
- 10.11: MAC Management
- 10.12: MAC PDU Formats
- 19: Support for Multi-carrier
- 20: Interference Mitigation

The following specific areas of the AWD [1] also require more detail:

- DL Ctrl mechanism details
- HARQ (PHY)
- Resource mapping
- Details on persistent scheduling (allocation, de-allocation mechanisms)
- Ranging operations
- Feedback operations

(Note: Task Group m has established Drafting Groups in the following areas: Handover, ARQ, HARQ Protocol, Power Conservation-Sleep/Idle, Connection Management/QoS, and Power Control/Link Adaptation. Potential contributions on these subjects should initially be submitted to the appropriate Drafting Group for consideration. For details, see the TGm reflector <<http://dot16m-reflector.wirelessman.org>>.)

Contributions should include simulations or analyses, consistent with the 802.16m Evaluation Methodology Document [4] methodologies and parameters, indicating how the proposed approach satisfies the 802.16m System Requirements Document [3]. To also facilitate development of the IMT-Advanced Proposal in an expedient manner, please ensure the contributions are sufficiently detailed and complete for performing system simulations for validating performance towards IMT-Advanced, as necessary.

At [Session #61](#), priority consideration will be provided to material directly relevant to the IMT-Advanced Proposal requirements.

Any proposed text should be developed such that it can be readily combined with IEEE P802.16Rev2/D9a and active IEEE 802.16 amendment projects, as appropriate. In addition, it must follow the style and format guidelines contained in the Style Guide for 802.16m Amendment Contributions ([IEEE 802.16m-08/043](#)).

Text proposed for the P802.16m Amendment that is in violation of the technical decisions in the System Description Document [2] will be considered out of scope, unless the Task Group first approves an associated Change Request (CR) to the SDD. If required, this should be submitted as a separate comment on the SDD (with supporting contribution, if necessary).

Contributions shall make use of the current IEEE 802.16 Document Submission Template, Rev. 9 (2007-06-19) and follow the instructions at <<http://ieee802.org/16/submit.html>>.

In addition contributions should specify on the cover page (in the “Re:” box) that they are for “802.16m AWD”.

Use the “TGm” upload directory at <<http://tgm.wirelessman.org>> to post contributions.

Contacts

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References :

- [1] [IEEE 802.16m-09/0010r1a](#), “802.16m Amendment Working Document (AWD)”
- [2] [IEEE 802.16m-08/003r7](#), “802.16m System Description Document (SDD)”
- [3] [IEEE 802.16m-07/002r8](#), “802.16m System Requirements Document (SRD)”
- [4] [IEEE 802.16m-08/004r5](#), “802.16m Evaluation Methodology Document (EMD)”
- [5] [IEEE 802.16m-08/043](#), “Style Guide for 802.16m Amendment Contributions”