

Call for Contributions on Project 802.16m System Description Document (SDD)

Deadline: 10 March 2008 AOE

The IEEE 802.16 Working Group's *Task Group m* is developing a System Description Document (SDD) to provide a top-level technical description of the functionality to be specified in IEEE P802.16m in order to amend IEEE Std 802.16 so as to address the requirements laid out in the 802.16m System Requirements Document IEEE 802.16m-08/002r4 <http://ieee802.org/16/tgm/docs/80216m-07_002r4.pdf>. It is the intent of the Task Group to address technical tradeoffs of different proposed concepts and techniques during the development of the SDD.

At IEEE 802.16's Session #53 in January 2008, *Task Group m* proceeded with the development of the SDD. The result was a working document containing some initial text and working assumptions. It is available as IEEE 802.16m-08/003:

<http://ieee802.org/16/tgm/docs/80216m-08_003.pdf>

Call for Contributions

This announcement requests contributions on the following:

- The content of Sections 4, 5, and 8 of IEEE 802.16m-08/003. Comments should be submitted in *Commentary* format, with supporting contributions as necessary. Use "tgmsdd" as the Ballot ID Number.
- Pilot Structures as relevant to downlink MIMO
- Downlink Control Structures
- Downlink Physical Resource Allocation Unit (Resource blocks and Symbol Structures)

It is strongly recommended that contributors review the contents of the Task Group m System Requirements [1] and Evaluation Methodology [2] in the development of their contributions.

Contributions should follow the guidelines below:

- Include a descriptive title of the proposed Functional Area or Characteristic
- Specify on the cover page (in the "Re:" or "Venue:" box) which of the above mentioned topics the contribution pertains to.
- Include a brief description and discussion of the proposed Characteristic or Functional Area, demonstrating either through analysis or simulation how it satisfies or helps satisfy the System Requirements [1]
- In addition to the contribution document, if appropriate, it is suggested that contributors prepare a *concise* presentation describing their proposal.
- Any new terminology should be defined within the contribution

Contributions must make use of the current IEEE 802.16 Document Submission Template, Rev. 9 (2007-06-17)

<<http://ieee802.org/16/submit.html>>. Use the “TGm” upload directory at <<http://tgm.wirelessman.org>> to post contributions.

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>>.

For further information, contact one of the following:

IEEE 802.16 Working Group Chair: Roger Marks <r.b.marks@ieee.org>

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- [1] IEEE 802.16m-07/002r4, “802.16m System Requirements”
- [2] IEEE 802.16m-008/004, “802.16m Evaluation Methodology”