

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

Deadline: 5 September 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 or later revision.
<http://ieee802.org/16/tgm/#07_002>.

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 #56 in July 2008, *Task Group m* continued its development of this SDD. The output is a draft document containing working assumptions. It is available as IEEE 802.16m-08/003r4:
<http://ieee802.org/16/tgm/#08_003>. Also available at the same URL is a delta version that indicates the material changed as a result of decisions at Session #56.

Call for Detailed Physical Layer Comments

This announcement requests for text describing *detailed* technical solutions that are consistent with the SDD and are suitable for submission as part of an ITU proposal. The details are requested on the following sections:

- Newly accepted text output from the Rapporteur Groups in Session #56, primarily in Sections 4, 6, 8, 10 and 11.
- Any parts of Section 11 (PHY) that are incomplete, inconsistent, empty, TBD, or FFS.

Proposals should be consistent with existing decisions in the SDD.

Sufficient detail should be provided to allow link level / system level simulations or calculations to be made. Comments and Contributions without sufficient detail may be rejected!

Call for Contributions

Contributions are specifically requested on the following new topics at a detailed functional and operational level:

- Upper MAC (Data Plane Functions)

- PHY & MAC aspects of Location Services
- PHY & MAC aspects of enhanced MBS
- Multi - Carrier Operation
- Security
- Multi-Radio Coexistence

Contributions should be consistent with existing decisions in the SDD.

Sufficient detail should be provided to allow link level / system level simulations or calculations to be made. Contributions without sufficient detail may be rejected!

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>>.

Updated Work Plan

TGm has adopted an update to its development work plan. The new version is document IEEE 802.16m-007/001r2:

<http://ieee802.org/16/tgm/#08_001>

Participants are advised to be aware of timelines and begin planning their future contributions accordingly.

For further information, contact one of the following:

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

IEEE 802.16 Task Group m Chair: Brian Kiernan

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References

- [1] IEEE 802.16m-07/002r4, “802.16m System Requirements”
<http://ieee802.org/16/tgm/#07_002>
- [2] IEEE 802.16m-008/004r2, “802.16m Evaluation Methodology”
<http://ieee802.org/16/tgm/#08_004>
- [3] IEEE 802.16m-007/001r2, “Work Plan for Development of IEEE P802.16m Draft Standard & IMT-Advanced Submission”
<http://ieee802.org/16/tgm/#08_001>