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

Deadline: 31 October 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 (SRD) (IEEE 802.16m-08/002r6 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 #57 in September 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-08/003r5 <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 #57.

Call for Comments

This announcement requests detailed comments on the material in IEEE 802.16m-08/003r5. Comments should be submitted in *Commentary* format, with supporting contributions as necessary. Use "tgmsdd" as the Ballot ID.

In particular, details are requested on the following sections:
- Newly accepted text output from Session #57, primarily in Sections 6 thru 11.
- Any parts of sections 1 thru 11 that are incomplete, inconsistent, empty, or marked TBD or FFS.

Technical comments should be consistent with technical decisions outlined elsewhere in the SDD and the SRD.
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!

Upload comments to <http://tgmcomments.wirelessman.org>, NOT to the "TGm" upload directory. However, for any contributions referenced in the comment, use the "TGm" upload directory <http://tgm.wirelessman.org> and follow the instructions in the following section.

Call for Contributions

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

- Suppport for Self Organizing Networks (SON)
- Support for Femtocells

- Support for Relay, specifically limited to the following topics:
    o Relaying model (e.g., transparent/non-transparent, cooperative)
    o Security model
    o Scheduling Model (e.g., distributed, centralized)
    o Control and Data Plane Functions

<u>Contributions should be consistent with technical decisions outlined in the SDD.</u>
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 Document (SRD) [1] and Evaluation Methodology Document
(EMD) [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, choosing one of the following identifiers:
    o TGm SDD: SON
    o TGm SDD: Femtocells
    o TGm SDD: Relay
    o TGm SDD: Other (for contributions in support of a comment)
- 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].
- If appropriate, the contribution document may be accompanied by a concise presentation
  document (document number S802.16m-08/xxx) describing the proposal.
- Any new terminology should be defined in a definition section 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.

For further information, contact one of the following:
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IEEE 802.16 Task Group m Chair: Brian Kiernan <brian.kiernan@interdigital.com>

References
[1] IEEE 802.16m-07/002r6, "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>