

802.16.1 INVITATION TO CONTRIBUTE: Session #5

Deadline: December 24, 1999

The IEEE 802.16 Working Group on Broadband Wireless Access is preparing to define the 802.16.1 broadband wireless access air interface specification in accordance the “Development Plan for the 802.16.1 Air Interface Standard” (Document IEEE 802.16-99/05 <http://grouper.ieee.org/groups/802/16/docs/99/80216-99_05.pdf>). As that document details, the specification will be based on submitted contributions, with increasing detail required as the process progresses. Mergers and improvements will be encouraged, with selection scheduled for June 2000 and refinement to follow. Separate selection processes are being carried out by the Medium Access Control (MAC) and Physical Layer (PHY) Task Groups.

This Invitation to Contribute is being issued to individuals (listed below) who were selected by Working Group 802.16 on November 11, 1999 based on their MAC or PHY contributions at Session #4. Should those individuals reply responsively to this Invitation to Contribute, their contributions will be accepted and published and they will be offered a position on the presentation agenda during 802.16 Working Group Session #5 (10-14 January 2000 in Richardson, Texas, USA) to present and discuss the merits of their proposal. **Joint proposals from multiple contributors are strongly encouraged.** Proposals contributed jointly by several invitees will be offered additional presentation time on the agenda. Uninvited co-submitters are welcome.

Uninvited contributions, if responsive to this Invitation, will also be published. During the Opening Plenary Meeting of Session #5, they may be considered for agenda placement following the normal agenda modification process (requiring a motion and a second, by Voting Members, and a majority vote of the membership). If accepted onto the agenda at that time, uninvited proposals will be evaluated without prejudice. The presentation agenda approved at the Opening Plenary will be final.

The tentative plan is for each proposal to be allocated 30 minutes of presentation time followed by 15 minutes of discussion. For each additional invitee group joining in the submission, an additional 15 minute allocation is expected. The actual allocation will depend on the number of presentations scheduled.

Contributions will be considered only if submitted using Revision 6 or higher of the 802.16 Document Submission Template <http://grouper.ieee.org/groups/802/16/docs/802_16_template.doc>. The template requires a cover page and a narrative.

The proposals will be evaluated based on criteria in the appropriate Evaluation Table:

MAC Evaluation Table <http://grouper.ieee.org/groups/802/16/mac/docs/80216m-99_03.pdf>.

PHY Evaluation Table <http://grouper.ieee.org/groups/802/16/phy/docs/80216p-99_03.pdf>.

Contributions must follow the guidelines below:

- Include a descriptive title.
- Include an overview and a reference model that describes functions, including interfaces to other layers.
- Explain how the proposal relates to existing standards and note the differences.
- Describe the benefits of the proposal, including any unique features.
- Describe all drawbacks of the proposal.
- Include a statement on intellectual property rights and how 802.16 may utilize the proposal in a standard.
- **Address each item** in the relevant section (“Physical Layer” or “Media Access Control Layer”) of the current draft “Outline of the 802.16.1 Air Interface Standard” <<http://grouper.ieee.org/groups/802/16/docs/99/80216-99/06d0.doc>>.
- **Include a copy of the relevant MAC or PHY Evaluation Table specifically addressing each criterion.**

Each of the Voting Members of 802.16 is eligible to participate in the evaluation, if and only if present. Submitters receiving a combined score of 7 or better (out of 10) in *any criterion* in the Evaluation Table will be invited to submit a detailed contribution for Session #6 (March 6-9, 2000, Albuquerque, New Mexico, USA).

The material content of the proposal must be contained in either the contribution itself or in documents that are readily available on the Internet by following a cited hyperlink. Evaluators will be justified in ignoring any referenced information that is not readily available.

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://grouper.ieee.org/groups/802/16>>.

Email your contribution, for receipt by the **deadline of 24 December 1999**, to **all** of the following:

- 802.16.1 Chair Roger Marks <<mailto:marks@nist.gov>>
- 802.16.1 Co-Editor Brian Petry <mailto:Brian_Petry@3com.com>
- 802.16.1 Co-Editor Jim Mollenauer <<mailto:jmollenauer@TechnicalStrategy.com>>
- The appropriate Task Group Chair:
 - MAC: Jung Yee <<mailto:jyee@newbridge.com>>
 - PHY: Jay Klein <<mailto:jay@ensemblecom.com>>

Appendix:

MAC Invitations issued to:

Arun Arunachalam and Genzao Zhang	based on Document IEEE 802.16mc-99/04
Leonid Shousterman	IEEE 802.16mc-99/05
Scott Marin	IEEE 802.16mc-99/07
Carl Eklund, Juha Pihlaja, and Kari Rintanen	IEEE 802.16mc-99/08
Farid Elwailly	IEEE 802.16mc-99/09
James F. Mollenauer, Jay Klein, and Brian Petry	IEEE 802.16mc-99/10
Ray Sanders	IEEE 802.16mc-99/11
Phil Guillemette	IEEE 802.16mc-99/13
Allan Evans	IEEE 802.16mc-99/14
Glen Sater and Karl Stambaugh	IEEE 802.16mc-99/16
Willie Lu, Mohan Maghera, and Charles Bry	IEEE 802.16mc-99/17

PHY Invitations issued to:

Arun Arunachalam and Genzao Zhang	based on Document IEEE 802.16pc-99/07
Scott Marin	IEEE 802.16pc-99/09
Lars Lindh, Carl Eklund, and Petri Bergholm	IEEE 802.16pc-99/10
Jeff Foerster	IEEE 802.16pc-99/11
Phil Guillemette	IEEE 802.16pc-99/12
Naftali Chayat	IEEE 802.16pc-99/16
Karl Stambaugh and Glen Sater	IEEE 802.16pc-99/17
Thomas H. Williams	IEEE 802.16pc-99/19
Ronald J. Huff and Marc Mertsching	IEEE 802.16pc-99/20
Wayne Hunter and Leland Langston	IEEE 802.16pc-99/21
Moshe Ran	IEEE 802.16pc-99/23
Jay Klein	IEEE 802.16pc-99/25