

**802.16.1 INVITATION TO CONTRIBUTE: Session #7****Deadline: 14 April 2000**

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://ieee802.org/16/docs/99/80216-99\\_05.pdf](http://ieee802.org/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 May 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 9 March 2000 based on their MAC or PHY contributions at Session #6. 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 #7 (1-5 March 2000 in Gaithersburg, Maryland, USA) to present and discuss the merits of their proposal. **Joint proposals from multiple contributors are strongly encouraged.** Uninvited co-submitters are welcome.

Contributions will be considered only if submitted using Revision 8 or higher of the 802.16 Document Submission Template <[http://ieee802.org/16/docs/802\\_16\\_template.doc](http://ieee802.org/16/docs/802_16_template.doc)>. The template requires a cover page and a narrative.

The MAC proposal will be evaluated based on the criteria in Tables 2 and 3 of the 802.16.1 Functional Requirements Document (IEEE 802.16s-99/00r1):

<[http://ieee802.org/16/sysreq/docs/80216s-99\\_00r1.pdf](http://ieee802.org/16/sysreq/docs/80216s-99_00r1.pdf)>.

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

<[http://ieee802.org/16/phy/docs/802161p-00\\_01.pdf](http://ieee802.org/16/phy/docs/802161p-00_01.pdf)>.

Contributions must follow the guidelines below:

- Submit the document in the format of a draft standard.
- 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://ieee802.org/16/docs/99/80216-99\\_06d0.doc](http://ieee802.org/16/docs/99/80216-99_06d0.doc) or a slightly amended version of that outline.
- **Include a copy of the relevant MAC or PHY Evaluation Table(s) specifically addressing each criterion.**

Each of the Voting Members of 802.16 is eligible to participate in the evaluation, if and only if present, with scores due on March 9. Scores will be used for feedback to the proposers but will not directly affect the outcome.

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://ieee802.org/16>>.

Email your contribution, for receipt by the **deadline of 14 April 2000**, to all of the following:

- 802.16 Chair Roger Marks <<mailto:marks@nist.gov>>
- 802.16.1 Chair Lou Olsen <<mailto:louis.olsen@teligent.com>>
- The appropriate Task Group Chair:
  - MAC: Jung Yee <<mailto:jyee@newbridge.com>>
  - PHY: Jay Klein <<mailto:jay@ensemblecom.com>>

**Suggested improvements to, mergers of, and evaluations of proposals will be solicited, with a deadline of 24 April 2000.**

### **Appendix:**

#### **MAC Invitations issued to:**

(1) Authors of Document [IEEE 802.16.1mc-00/09](#)

(Glen Sater, Arun Arunachalam, George Stamatelos, Farid Elwailly, Jeff Foerster, Jung Yee, Scott Marin, Bill Myers, Leland Langston, Wayne Hunter, Phil Guillemette, Chet Shirali, Karl Stambaugh, George Fishel, Ray Sanders, Moshe Ran, Andrew Sundelin)

(2) Authors of Document [IEEE 802.16.1mc-00/10](#)

(James F. Mollenauer, Ken Stanwood, Jay Klein, Brian Petry, Carl Eklund, Juha Pihlaja, Kari Rintanen, Leonid Shousterman, Vladimir Yanover)

#### **PHY Invitations issued to:**

(1) Authors of Document [IEEE 802.16.1pc-00/13](#)

(Jeff Foerster, Arun V. Arunachalam, George Stamatelos, Farid Elwailly, Jung Yee, Phil Guillemette, Moshe Ran, Wayne Hunter, Leland Langston, William Myers, Scott Marin, George Fishel, Ray W. Sanders, Karl Stambaugh, Glen Sater, Chet Shirali)

(2) Authors of Document [IEEE 802.16.1pc-00/14](#)

(Jay Klein, Lars Lindh, Carl Eklund, Petri Bergholm, Naftali Chayat)