

**CALL FOR IMPROVEMENTS  
TO  
DRAFT PHYSICAL LAYER SPECIFICATION  
IEEE 802.16.1  
Session #8  
Deadline: 30 June 2000**

The IEEE 802.16 Working Group on Broadband Wireless Access is defining the 802.16.1 broadband wireless access air interface specification in accordance to the “Development Plan for the 802.16.1 Air Interface Standard” (Document IEEE 802.16-99/05 <[http://iee802.org/16/docs/99/80216-99\\_05.pdf](http://iee802.org/16/docs/99/80216-99_05.pdf)>). As that document details, the specification has been based on contributed proposals, with increasing detail required as the process progresses. At Session #7, the 802.16.1 Task Group approved a draft physical layer specification (Document IEEE 802.16.1p-00/07 <[http://iee802.org/16/phy/doc/802161p-00\\_07.pdf](http://iee802.org/16/phy/doc/802161p-00_07.pdf)>). The task group is now looking to improve the draft specification in preparation for submitting it for a Working Group Letter Ballot following Session #8, in accordance with the development plan. The letter ballot will invite further improvements and refinements in a formal comment resolution process.

This Call invites contributions for suggested improvements to the current draft physical layer specification. Contributions should be detailed and pointed and should focus on the general structure and major elements of the current draft. In particular, recommendations on how to merge all or part of the two modes of operation, suggested changes to any of the physical layer parameters that have been specified (modulation levels, roll-off factors, channel bandwidths, preamble lengths and patterns, transmitter characteristics, receiver characteristics, and transmitter/receiver performances), or proposed changes to the overall structure of the document are welcome and encouraged. Any recommended changes to the forward error correction (FEC) schemes should be contributed to the FEC subcommittee in response to the call for contributions document IEEE 802.16.1p-00/06 <[http://iee802.org/16/phy/docs/802161p-00\\_06.pdf](http://iee802.org/16/phy/docs/802161p-00_06.pdf)>.

Contributors may be granted time on the agenda for presentation and discussion. The draft physical layer specification may be modified by the Task Group by a 75% majority prior to being submitted to the Working Group with a request to initiate a letter ballot.

Contributions will be considered only if submitted using Revision 8 or higher of the 802.16 Document Submission Template <[http://iee802.org/16/docs/802\\_16\\_template.doc](http://iee802.org/16/docs/802_16_template.doc)>. In the cover sheet category labeled “Re”, please cite this document (Document IEEE 802.16.1p-00/08).

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://iee802.org/16>>.

Email your contribution, for receipt by the **deadline of 30 June 2000**, to each of the following:

- 802.16 Chair Roger Marks <<mailto:marks@nist.gov>>
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