

## Call for Proposals on IEEE Project 802.16e:

### *Mobility Enhancements to IEEE Standard 802.16/802.16a*

**Deadline: 3 March 2003**

On 11 December 2002, the IEEE-SA Standards Board approved Project Authorization Request (PAR) P802.16e to develop an amendment to IEEE Standard 802.16 (as amended by IEEE 802.16a and 802.16c). The PAR (IEEE 802.16-02/48r4 <[http://www.ieee802.org/16/docs/02/80216-02\\_48r4.pdf](http://www.ieee802.org/16/docs/02/80216-02_48r4.pdf)>) includes the scope statement:

*This document provides enhancements to IEEE Std 802.16/802.16a to support subscriber stations moving at vehicular speeds and thereby specifies a system for combined fixed and mobile broadband wireless access. Functions to support higher layer handoff between base stations or sectors are specified. Operation is limited to licensed bands suitable for mobility between 2 and 6 GHz. Fixed 802.16a subscriber capabilities shall not be compromised.*

The project is being developed by 802.16's Task Group e <<http://ieee802.org/16/tge>>.

Proposals for mobility enhancements to the IEEE 802.16/a/c Standard are solicited. The proposals shall meet the requirements and will be evaluated in accordance with the criteria stated in IEEE 802.16e-03/01 <[http://ieee802.org/16/tge/docs/80216e-03\\_01](http://ieee802.org/16/tge/docs/80216e-03_01)> (“**Mobile System and Proposal Evaluation Requirements**”).

Submissions should include calculations and simulations indicating area coverage (path loss), performance in multipath and Doppler environments, and multi-cell interference performance for the proposed enhancements as compared to the 802.16a baseline Standard.

Specific details on service impacts, power savings and other items identified in 802.16e-03/01 should also be addressed.

Proposed document text in support of these submissions is encouraged.

Contributions will be considered non-confidential and will be posted for public access on the 802.16 Web Site <<http://wirelessMAN.org>>.

Submit your contribution by the **deadline of 3 March 2003** following the instructions at <<http://WirelessMAN.org/submit.html>>. Make use of the “TGe” upload directory <<http://tge.WirelessMAN.org>>.

For further information, contact either of the following:

- Task Group Chair: Brian Kiernan <<mailto:Brian.Kiernan@InterDigital.com>>
- IEEE 802.16 Working Group Chair: Roger Marks <<mailto:marks@nist.gov>>.