

Project	IEEE 802.16 Broadband Wireless Access Working Group < http://ieee802.org/16 >		
Title	Call for Contributions for P802.16n System Requirements Document		
Date Submitted	2010-04-15		
Source(s)	Tim Godfrey Study Group Document	E-mail:	tim.godfrey@ieee.org
Re:	draft P802.16n PAR (802.16gman-10/0018r2).		
Abstract	Call for contributions related to requirements for draft PAR P802.16n: "Draft Standard for Local and metropolitan area networks Part 16: Air Interface for Broadband Wireless Access Systems-Amendment: Higher Reliability Networks"		
Purpose	Members are requested to prepare contributions containing specific requirements consistent with the scope and purpose of the draft P802.16n PAR (802.16gman-10_0018r2) < http://ieee802.org/16/sg/gridman/docs/80216gman-10_0018r2.pdf >. These contributed requirements will be reviewed by the GRIDMAN Study Group for consideration in the development of a P802.16n System Requirements Document (SRD).		
Notice	<i>This document does not represent the agreed views of the IEEE 802.16 Working Group or any of its subgroups. It represents only the views of the participants listed in the "Source(s)" field above. It is offered as a basis for discussion. It is not binding on the contributor(s), who reserve(s) the right to add, amend or withdraw material contained herein.</i>		
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Patent Policy	The contributor is familiar with the IEEE-SA Patent Policy and Procedures: < http://standards.ieee.org/guides/bylaws/sect6-7.html#6 > and < http://standards.ieee.org/guides/opman/sect6.html#6.3 >. Further information is located at < http://standards.ieee.org/board/pat/pat-material.html > and < http://standards.ieee.org/board/pat >.		

Call for Contributions the P802.16n System Requirements Document

Tim Godfrey

Electric Power Research Institute

On 18 March 2010, the IEEE 802 Executive Committee agreed to forward a new Project Authorization Request (PAR) <http://iee802.org/16/sg/gridman/docs/80216gman-10_0018r2.pdf> arising out of the Working Group's GRIDMAN Study Group.

The draft PAR, designated P802.16n, is for an amendment to IEEE Std 802.16. The amendment is intended to address higher reliability requirements that are not supported by IEEE Std 802.16 presently. The Scope statement reads:

This amendment specifies protocol enhancements to the IEEE 802.16 MAC for enabling increased robustness and alternate radio path establishment in degraded network conditions. Limited OFDMA PHY extensions are included for enabling operation with radio path redundancy and direct communication between subscriber stations. Also mobile base stations and mobile relay stations are supported. Support for enabling application specific specialized security suites is also provided.

The PAR has not yet been formally approved by NesCom or the IEEE-SA. It is expected to be approved in May 2010, after Session #67. See <<http://iee802.org/16/arc/802-16list2/msg05666.html>>. Although the PAR is pending final approval, the Study Group Chair would like to proceed with preparations for developing the work. Therefore, this Call for Contributions requests input relevant to a System Requirements Document that would be developed under the PAR.

Please submit your contributions to be presented at the May session (Session #67) by the deadline of 5 May 2010, following the instructions at <http://dot16.org/ul/upload/gman_db/submit.html>. Contribution document numbers should follow the form "C802.16gman-10/XXXX", with corresponding file name "C80216gman-10_XXXX.ext", where "XXXX" is the four-digit serial number. Upload contributions to the "gman" upload directory <http://dot16.org/ul/ul.cgi?command=viewupload&database=gman_db> Check the upload directory to see what number is available at time of upload. You can also reserve a serial number there.

Contributions will be considered non-confidential and will be posted for public access on the IEEE 802.16 Web Site <<http://iee802.org/16>>.

For further information, contact the following:

- IEEE 802.16 Working Group Chair: Roger Marks <r.b.marks@ieee.org>
- IEEE 802.16 GRIDMAN Study Group Chair: Tim Godfrey <tim.godfrey@ieee.org>