

IEEE 802.16 Working Group on Broadband Wireless Access
<http://WirelessMAN.org>



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To: Henk Uijterwaal, Chair, IP Performance Metrics (IPPM) Working Group, IETF
Matthew Zekauskas, Chair, IP Performance Metrics (IPPM) Working Group, IETF

cc: Wesley Eddy, Area Director, Transport Area, IETF
Martin Stiemerling, Area Director, Transport Area, IETF
IETF LMAP mailing list
Henning Schulzrinne, LMAP List
Paul Nikolich, Chair, IEEE 802 Executive Committee
Dan Romascanu, IETF/IEEE-SA liaison

Subj: New IEEE Project P802.16.3 on Mobile Broadband Network Performance Measurements

The IEEE 802.16 Working Group (WG) on Broadband Wireless Access would like to bring to your attention the new IEEE Project P802.16.3 on *Mobile Broadband Network Performance Measurements*. This project was authorized on 30 August 2012 by the IEEE-SA Standards Board and assigned to the IEEE 802.16 WG for standardization development. The proposal was developed in the 802.16 Working Group's [Metrology Study Group](#).

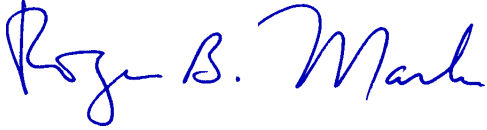
Details of the project are available in the Project Authorization Request (PAR) and Five Criteria statement ([IEEE 802.16-12-0489](#)). In particular, the scope specifies that the standard will specify “procedures for characterizing the performance of deployed mobile broadband networks from a user perspective. It specifies metrics and test procedures as well as communication protocols and data formats allowing a network-based server to coordinate and manage test operation and data collection.” Please note that the scope of the project will consider end-to-end measurements and is not limited to any particular air interface.

We call your attention to the fact that the PAR and the Five Criteria Statement both refer to IPPM. Furthermore, internal working document [IEEE 802.16-12-0483](#) (“[Draft] Applications and Requirements for Mobile Broadband Network Performance Measurements”) states the assumption that “The standard should reference metrics specified by IETF (particularly from the IP Performance Metrics (IPPM) Working Group) whenever feasible.” Note that the PAR and Five Criteria Statement also reference pre-standardization IETF activity on “Large Scale Measurement of Access Network Performance” (LMAP).

Given this expressed intent to apply IPPM metrics when feasible, the IEEE 802.16 WG would like to ensure that the IPPM community is aware of the 802.16 WG's activity and interest. We are under the impression that

our focus on mobility may suggest some enhancement or refinement of IPPM metrics. We expect to study that issue and will notify you of any proposals we may have on that topic. We welcome your perspectives and encourage communication. Our next opportunity to respond to a formal communication will occur at [IEEE 802.16 Session #82](#) (12-15 Nov 2012 in San Antonio, TX, USA).

Sincerely,

A handwritten signature in blue ink that reads "Roger B. Marks". The signature is written in a cursive style with a large initial 'R'.

Roger B. Marks

Chair, IEEE 802.16 Working Group on Broadband Wireless Access