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| Project | **IEEE 802.16** **Broadband Wireless Access Working Group <**<http://ieee802.org/16>**>** | |
| Title | ***Proposed Statement to*** ***Broadband Forum on IEEE P802.16.3 Activity*** | |
| Date Submitted | **2013-03-19** | |
| Source(s) | Roger B. Marks  Consensii LLC; Mobile Pulse, Inc.  4040 Montview Blvd  Denver, CO 80207 USA | Voice: +1 619 393 1913 E-mail: roger@ethair.net  \*<<http://standards.ieee.org/faqs/affiliationFAQ.html>> |
| Re: |  | |
| Abstract | This document proposes a statement to Broadband Forum on IEEE P802.16.3. | |
| Purpose | This contribution requests that the P802.16.3 project review the attached proposal and, on that basis, prepare and forward a proposed statement to IEEE 802.16 Working Group for approval at the Session #84 Closing Plenary. | |
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**IEEE 802.16 Working Group on Broadband Wireless Access**

**http://WirelessMAN.org**

Roger B. Marks

Chair, IEEE 802.16 Working Group

r.b.marks@ieee.org

21 March 2013

To: David Allan, Co-chair, Broadband Forum End to End Architecture Group

Christophe Alter, Broadband Forum Technical Committee Chair

cc: Walter Johnston, Chief, Electromagnetic Compatibility Division, FCC

James Miller, Office of Engineering and Technology, FCC

Henning Schulzrinne, Chief Technologist, FCC

Paul Nikolich, Chair, IEEE 802 Executive Committee

Subj: Response to liaison of 8 March on Performance Measurements Architecture

The IEEE 802.16 Working Group (WG) on Broadband Wireless Access appreciates your informative statement of 8 March on “Performance Measurements Architecture” <[IEEE 802.16-13-0048](http://doc.wirelessman.org/16-13-0048)>. We would like to better understand the following points:

1. We would like to understand the term “target MA”, particularly with respect to the term “Measurement Agent.” What are the properties of the “target MA”? Can every Measurement Agent serve as a “target MA”? In our earlier letter we explained our proposed approach, based on a differentiation between a client and server, and we wonder whether our proposal would be compatible with the MA roles in the WT-304 architecture.

2. We would like to precisely understand the term “domain”.

3. In addition to the example diagram in your letter, we would like to understand the full range of deployment architectures that fall within the scope of your efforts.

4. Would functions for Data Collector and Management Server be compatible with the architecture for WT-304 when external to the operator network?

5. Is a measurement controller necessary within the operator network?

Also, we would also like to seek your views regarding our current work in Project P802.16.3 on *Mobile Broadband Network Performance Measurements*. This inquiry follows our reports of 19 November 2012 ([IEEE 802.16-12-0680](http://doc.wirelessman.org/16-12-0680)) and 17 January 2013 ([IEEE 802.16-13-0041](http://doc.wirelessman.org/16-13-0041)). In particular, the latter statement responded to a question raised to us by the Broadband Forum ([IEEE 802.16-12-0703](http://doc.wirelessman.org/16-12-0703)) regarding the role and purpose of public and private functional entities in the P802.16.3 working document [IEEE 802.16-12-0682-01](http://doc.wirelessman.org/16-12-0682-01) on “[Draft] IEEE 802.16.3 Architecture and Requirements for Mobile Broadband Network Performance Measurements.” We have provided further clarification on that topic in a statement to the IETF ([IEEE 802.16-13-0061](http://doc.wirelessman.org/16-13-0061)) that we are copying to you as well. We are interested to learn whether this clarifies the subject and if it raises further questions.

Note that our project is targeted directly at mobile users (independent of air interface technology) and, at the core, the needs of those users for performance data about their networks. The needs of additional stakeholders, such as network operators and public administrators, are also itemized and addressed.

We welcome your further input and we encourage you to provide comments regarding our Architecture and Requirements draft. We draw your attention to the relevant Call for Contributions [IEEE 802.16-13-0060](http://doc.wirelessman.org/16-13-0060). Our next opportunity to respond to formal communication will occur at [IEEE 802.16 Session #85](http://ieee802.org/16/meetings/mtg85) (13-16 May 2013 in Waikoloa, HI, USA). For information on our future meetings schedules, see <http://ieee802.org/16/calendar.html>.

Sincerely,

Roger B. Marks

Chair, IEEE 802.16 Working Group on Broadband Wireless Access