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| Project | **IEEE 802.16 Broadband Wireless Access Working Group <**<http://ieee802.org/16>**>** |
| Title | ***Proposed Draft Call for Contributions toward*** ***Metrology Study Group Meeting at Session #81***  |
| Date Submitted | **2012-07-11** |
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| Re: | Call for Contributions, IEEE 802.16’s Metrology Study Group (IEEE 802.16-12-0379-03-Gdoc) toward IEEE 802.16’s Session #80 of 16-19 July 2012. |
| Abstract | This document proposes two Call for Contributions drafts in preparation for the Metrology Study Group meeting at 802.16 Session #81. |
| Purpose | This proposal requests that the Metrology Study Group develop two Call for Contributions documents on the basis of the content herein. |
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Proposed Draft Call for Contributions toward

Metrology Study Group Meeting at Session #81

Roger B. Marks

Consensii LLC; Mobile Pulse, Inc.

# Abstract

This document proposes two Call for Contributions drafts in preparation for the Metrology Study Group meeting at 802.16 Session #81.

# Purpose

This proposal requests that the Metrology Study Group develop two Call for Contributions documents on the basis of the content herein.

# Background

The IEEE 802.16 Working Group’s [Metrology Study Group](http://ieee802.org/16/sg/met) (SG) was initiated on 16 March 2012, initially through 20 July 2012. The scope of the group includes a broad range of issues related to measurement.

During the Study’s Group first meeting, during IEEE 802.16’s Session #79 of 14-17 May 2012, it agreed to submit a draft PAR P802.16.3 and Five Criteria Statement on Mobile Broadband Network Performance Measurements (MBNPM). The 802.16 WG submitted these to the IEEE 802 Executive Committee (as [IEEE 802.16-12-0395-00-Gdoc](https://mentor.ieee.org/802.16/dcn/12/16-12-0395)) in preparation for consideration at the IEEE 802 Plenary Session of 16-19 July 2012.

It is possible that the IEEE 802 Executive Committee will agree, on 20 July 2012, to forward the PAR to NesCom for approval. In that case, it is expected that the PAR will be submitted to NesCom the same day, which is the deadline for submittal to the NesCom meeting of 29 August. If recommended by NesCom, the PAR could be approved by the IEEE-SA Standards Board of 30 August, immediately authorizing the project.

# Planning Considerations

Under the circumstances, the IEEE 802.16 WG needs to plan for the possibility that the project will be activated before Session #81 of 17-20 September. A key element of planning is ensuring that potential participants are informed of the upcoming activity and are able to plan their input contributions toward a productive session. The primary tool for this purpose is a Call for Contributions providing information about the status of the activity at the session and the need for specific inputs.

# Expected Study Group Status

In planning for Session #81, the WG should request renewal of the Metrology Study Group through Session #82. There are two reasons for this: (1) if the PAR is not approved in August, the SG can carry the work forward; (2) the Study Group has already received a contribution ([IEEE 802.16-12-0358-01-Gcon](https://mentor.ieee.org/802.16/dcn/12/16-12-0358)) proposing that the SG be extended to allow an opportunity for exploration of other metrology topics; the SG indicated that this contribution be reconsidered at Session #80.

If the WG does decide to request extension of the SG, it should presume that the request will be approved and develop documentation accordingly. However, it should authorize officials to modify the documentation accordingly in the unlikely event that the extension is not approved.

# Need for two Call for Contributions Documents

This proposal includes drafts of two separate Call for Contributions documents. This is motivated by the following considerations:

•A Call for Contributions should be prepared but should be withheld from release pending approval of the P802.16.3 PAR.

•Some communication soliciting input to the SG on the topic of MBNPM should be developed so that the work can progress if the PAR is not approved.

•It will be useful to communicate the SG intentions regarding MBNPM immediately after Session #80, instead of awaiting Standards Board action on the PAR in late August.

•The SG should solicit information on a range of topics, beyond MBNPM, immediately after Session #80.

# Draft Call for Contributions documents

Annex 1 is a proposed a draft Call for Contributions to solicit input to the Metrology Study Group at Session #81. It addresses the full range of topics that might be considered in the SG. It is suitable for release upon renewal of the SG (anticipated on 20 July).

Annex 2 is a proposed a draft Call for Contributions to solicit input to the Metrology Study Group at Session #81 on the specific topic of MBNPM under the P802.16.3 PAR. It presumes approval of that PAR, so it is suitable for release upon approval of PAR P802.16.3 (anticipated on 30 August).

# Proposal

This contribution proposes that the Metrology Study Group, during Session #80, develop two Call for Contributions documents on the basis of the content in Annexes 1 and 2, temporarily withholding both from release and issuing:

(1) the Annex 1 Call for Contributions upon renewal of the SG and agreement by the IEEE 802 EC to forward the PAR to NesCom, and

(2) the Annex 2 Call for Contributions upon approval of PAR P802.16.3.Annex 1:

Proposed Draft Call for Contributions:

 Broadband Wireless Access Metrology Study Group

# Issued: 20 July 2012

[Note: Pending renewal of Study Group until November 2012 and EC approval of PAR.]

# Deadline: 12 September 2012 AOE

On 16 March 2012, the IEEE 802 Executive Committee chartered the [Broadband Wireless Access Metrology Study Group](http://ieee802.org/16/sg/met), under the IEEE 802.16 Working Group, through 20 July 2012. The SG met during the IEEE 802.16 Working Group’s Session #79 in May 2012 and again during Session #80 in July 2012. The SG’s documents are available at <<http://docii-met.wirelessman.org>>.

On 20 July 2012, the SG was renewed through 16 November 2012. It will meet again during IEEE 802.16 [Session #81](http://ieee802.org/16/meetings/mtg81) (17-20 September 2012 in Indian Wells, CA, USA) and [Session #82](http://ieee802.org/16/meetings/mtg82) (12-15 November 2012 in San Antonio, TX USA).

In preparation for Session #81, the SG issues this Call for Contributions soliciting input documentation to progress the work. This announcement addresses two topics:

(1) The SG has developed a Project Authorization Request (PAR), designated [P802.16.3](https://mentor.ieee.org/802.16/dcn/12/16-12-0395), for the development of a new standalone standard on *Mobile Broadband Network Performance Measurements*. The PAR has been forwarded by the IEEE 802.16 Working Group and the IEEE 802 Executive Committee. If approved by the IEEE-SA Standards Board on 30 August, the PAR will go into effect immediately, and development of the standard will begin during IEEE 802.16 Session #81. Therefore, upon approval of the PAR, the SG plans to issue a Call for Contributions (IEEE 802.16-12-XXXX [Editor’s note: Based on Annex 2]) requesting initial inputs toward the development of the standard.

In case the PAR is not approved prior to Session #81, the SG solicits the following:

(a) further input toward the development and refinement of the draft PAR and Five Criteria Statement so they can be revised and reconsidered, and

(b) comments on (IEEE 802.16-12-YYYY) (“[Draft] Applications and Requirements for Mobile Broadband Network Performance Measurements”) and contributions toward enhancement of that content, including further information on proposed metrics to be specified within the standard.

(2) The SG encourages other contributions, including those considering other metrology topics recommended for standardization.

Submit your contribution by the deadline abovefollowing the IEEE 802.16 Document Submission Instructions <http://ieee802.org/16/submit.html> using the File Code "Smet".

For further information, contact the following:

* IEEE 802.16 Working Group Chair: Roger Marks <r.b.marks@ieee.org>

Annex 2:

Proposed Draft Call for Contributions:

*IEEE Project P802.16.3:*

*Mobile Broadband Network Performance Measurements*

Broadband Wireless Access Metrology Study Group

# Issued: 31 August 2012

[Note: Pending approval of PAR P802.16.3 on 30 August 2012]

# Deadline: 12 September 2012 AOE

On 30 August 2012, the IEEE-SA Standards Board approved Project Authorization Request (PAR) [P802.16.3](link) for the development of a new standalone standard on *Mobile Broadband Network Performance Measurements*. The [IEEE 802.16 Working Group](http://WirelessMAN.org) is assigned to develop the standardization project.

The IEEE 802.16 Working Group will begin development of the project during its [Session #81](http://ieee802.org/16/meetings/mtg81) (17-20 September 2012 in Indian Wells, CA, USA).

In advance, the Study Group is issuing this Call for Contributions soliciting input documentation toward the development of P802.16.3. The Study Group seeks particular inputs on the following topics:

(1) Comments on (IEEE 802.16-12-YYYY) (“[Draft] Applications and Requirements for Mobile Broadband Network Performance Measurements”) and contributions toward enhancement of that content, including further information on proposed metrics to be specified within the standard.

(2) Proposed test procedures, communication protocols, and data formats.

(3) Proposed development schedules.

Submit your contribution by the deadline above following the IEEE 802.16 Document Submission Instructions <http://ieee802.org/16/submit.html> using the File Code "Smet".

For further information, contact the following:

* IEEE 802.16 Working Group Chair: Roger Marks <r.b.marks@ieee.org>