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| Project | **IEEE 802.16 Broadband Wireless Access Working Group <**<http://ieee802.org/16>**>** |
| Title | ***Proposed Draft Call for Contributions toward IEEE 802.16q Meeting at Session #81*** |
| Date Submitted | **2012-07-19** |
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| Re: | Proposed PAR and Five Criteria for P802.16q (Multi-Tier Networks) (IEEE 802.16-12-0394-05-Gdoc). |
| Abstract | This document proposes a Call for Contributions on IEEE 802.16q (Multi-Tier Networks) project toward 802.16 Session #81. |
| Purpose | This proposal requests that the HetNet SG develop a Call for Contributions on IEEE 802.16q project toward 802.16 Session #81 and request the WG to issue a Call for Contributions based on the Call for Contribution developed by the HetNet SG.  |
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Proposed Draft Call for Contributions toward

IEEE 802.16q Meeting at Session #81

Jaesun Cha, Enukyung Kim, Anseok Lee, Wooram Shin, Kwangjae Lim

ETRI

# Abstract

This document proposes a Call for Contributions on IEEE 802.16q project toward 802.16 Session #81.

# Purpose

This proposal requests that the HetNet SG develop a Call for Contributions on IEEE 802.16q project toward 802.16 Session #81 in order to start discussion on standardization of IEEE 802.16q project (Multi-Tier Networks) at that session. It also requests that the HetNet SG forward the developed Call for Contributions to the WG and request the WG to issue the Call for Contributions upon approval of IEEE 802.16q PAR (anticipated on 20 July).

# Background

During the HetNet Study Group’s first meeting (IEEE 802.16’s Session #79), Draft PAR and Five Criteria for IEEE 802.16q (Multi-Tier Networks) was submitted and discussed in the HetNet SG, and the HetNet SG requested the WG to forward the Draft PAR and Five Criteria to EC for approval.

During IEEE 802.16’s Session #80, Draft PAR and Five Criteria to EC will be further revised based comments received from EC members and the revised Draft PAR and Five Criteria to EC will be forwarded to EC for approval.

If Draft PAR and Five Criteria to EC for 802.16q project is approved at EC meeting on 20 July, then the first meeting of IEEE 802.16q project will be held at IEEE 802.16 Session #81.

At Session #80, it is timely to solicit the necessary input for discussion at Session #81, which includes the work plan and system requirements of IEEE 802.16q standard.

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# Draft Call for Contributions documents

Annex 1 is a proposed a draft HetNet Call for Contributions to solicit input on IEEE 802.16q standardization toward 802.16 Session #81. It is suitable for release upon approval of IEEE 802.16q PAR (anticipated on 20 July).

# Proposal

This contribution proposes that the HetNet SG, during Session #80, develop a Call for Contributions documents on the basis of the content in Annex 1, requesting the WG to issue it upon approval of 802.16q PAR.Annex 1:

Proposed Draft Call for Contributions:

*IEEE 802.16q Standard for Multi-Tier Networks*

 IEEE 8021.16 Working Group

# Issued: 20 July 2012

# Deadline: 12 September 2012 AOE

On 16 March 2012, the IEEE 802 Executive Committee chartered the Study Group on the WirelessMAN Radio Interface in Heterogeneous Networks ([HetNet Study Group](http://ieee802.org/16/sg/het)), under the IEEE 802.16 Working Group, through 20 July 2012. It met during the IEEE 802.16 Working Group’s Session #79 in May 2012 and again during Session #80 in July 2012. On 20 July 2012.

During the IEEE 802.16 Working Group’s Session #79 and Session #80, the Study Group developed a draft PAR for IEEE 802.16q (Multi-tier Networks) project and forwarded the draft PAR to IEEE 802 Executive Committee for approval. The draft PAR was approved by the IEEE 802 Executive Committee on 20 July 2012.

The Scope of the approved 802.16q PAR includes MAC/PHY protocol enhancements for cooperation among base stations in multi-tier networks to enhance interference mitigation, mobility management, and base station power management. In addition, management messaging between base stations, and between base stations and mobile stations is included in the scope of the approved 802.16q PAR.

This announcement requests contributions on the following topics:

(1) Proposals regarding the Work Plan of IEEE 802.16q standardization

(2) Proposals regarding the System Requirements of IEEE 802.16q standard

Submit your contribution by the deadline abovefollowing the IEEE 802.16 Document Submission Instructions <http://ieee802.org/16/submit.html> using the File Code “000q”.

For further information, contact the following:

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