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| Project | **IEEE 802.16 Broadband Wireless Access Working Group <**<http://ieee802.org/16>**>** |
| Title | ***Proposed IEEE Std 802.16 Amendment for Small Cell Backhaul (SCB) Applications*** |
| Date Submitted | **2012-09-12** |
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| Re: | HetNet Study Group’s *Call for Contributions: Small-Cell Backhaul (SCB) Enhancements to WirelessMAN-OFDMA* (IEEE 802.16-12-0509-02-Gdoc) for IEEE 802.16’s Session #81 of 17-20 September 2012 |
| Abstract | This document proposes a project to amend IEEE Std 802.16 for Small Cell Backhaul (SCB) Applications. |
| Purpose | This proposal requests that the HetNet Study Group complete a draft PAR and Five Criteria on SCB Applications, forwarding the result to the Session #81 Closing Plenary of the IEEE 802.16 Working Group. |
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Proposed IEEE Std 802.16 Amendment for

Small Cell Backhaul (SCB) Applications

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# Abstract

This document proposes a project to amend IEEE Std 802.16 for Small Cell Backhaul (SCB) Applications.

# Purpose

This proposal requests that the HetNet Study Group complete a draft PAR and Five Criteria on SCB Applications, forwarding the result to the Session #81 Closing Plenary of the IEEE 802.16 Working Group.

# Introduction

At IEEE 802.16’s Session #80, the HetNet Study Group issued a *Call for Contributions: Small-Cell Backhaul (SCB) Enhancements to WirelessMAN-OFDMA* (IEEE 802.16-12-0509-02-Gdoc) toward Session #81 of 17-20 September 2012. The Call for Contributions solicited:

*input documentation to progress the development of a Project Authorization Request (PAR) and Five Criteria Statement on Small-Cell Backhaul (SCB) Enhancements to WirelessMAN-OFDMA… contributions will be addressed at Session #81, where the SG intends to develop the PAR and Five Criteria with the intent of presenting them for IEEE 802 approval in conjunction with Session #82.*

It also offered initial draft text for key elements of the PAR.

This proposal requests that the HetNet Study Group developed an output document, including a draft PAR and Five Criteria Statement on SCB Applications, forwarding it to the Session #81 Closing Plenary of the IEEE 802.16 Working Group. It proposes that the content of the draft PAR and Five Criteria Statement be based on the drafts referenced in “Companion Contributions” below.

# Proposal

This contribution requests that the HetNet Study Group take the following actions:

(1) Forward a single Gdoc, incorporating content based on IEEE 802.16-12-0528 and IEEE 802.16-12-0529 as revised to reach consensus, to the IEEE 802.16 Working Group as the Project Authorization Request (PAR) and Five Criteria Statement of a new standardization project, requesting that the WG forward them to IEEE 802 for action at the November 2012 IEEE 802 Plenary.

(3) Issue a Call for Contributions, based on IEEE 802.16-12-0530, with specific requests for information, to be directed to next session of the HetNet Study Group (during IEEE 802.16 Session #82 of 12-15 November).

# Companion Contributions

This contribution is one of a set of contributions:

•IEEE 802.16-12-0527-00-Shet: *Proposed IEEE Std 802.16 Amendment for Small Cell Backhaul (SCB) Applications*

•IEEE 802.16-12-0528-00-Shet: *IEEE Std 802.16 Amendment for Small Cell Backhaul (SCB) Applications: Proposed PAR*

•IEEE 802.16-12-0529-00-Shet: *IEEE Std 802.16 Amendment for Small Cell Backhaul (SCB) Applications: Proposed Five Criteria Statement*

•IEEE 802.16-12-0530-00-Shet: *IEEE Std 802.16 Amendment for Small Cell Backhaul (SCB) Applications: Proposed Call for Contributions*