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| Project | **IEEE 802.16 Broadband Wireless Access Working Group <**<http://ieee802.org/16>**>** |
| Title | ***Open*** ***Mobile Network Interface (OMNI) Layer for an IEEE 802 Heterogeneous Network: Proposed Call for Contributions***  |
| Date Submitted | **2012-05-09** |
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| Re: | Solicitation of input contributions by IEEE 802.16’s Study Group on the WirelessMAN Radio Interface in Heterogeneous Networks (HetNet Study Group <http://ieee802.org/16/sg/het>) for IEEE 802.16’s Session #79 of 14-17 May 2012 |
| Abstract | This document proposes a Call for Contributions to be issued by the HetNet Study Group to solicit input toward IEEE 802.16 Session #80 regarding the Open Mobile Network Interface (OMNI) Layer as the basis of an IEEE 802 heterogeneous network. |
| Purpose | This contribution requests that the HetNet Study Group review the proposal and, on that basis, issue a Call for Contributions on the OMNI Layer toward its followup meetings at Session #80. |
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Open Mobile Network Interface (OMNI) Layer

for an IEEE 802 HetNet:

*Proposed Call for Contributions*

Roger B. Marks

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# Abstract

This document proposes a Call for Contributions to be issued by the HetNet Study Group to solicit input toward IEEE 802.16 Session #80 regarding the Open Mobile Network Interface (OMNI) Layer as the basis of an IEEE 802 heterogeneous network.

# Proposal

This contribution requests that the HetNet Study Group review the proposal in Annex A and, on that basis, issue a Call for Contributions on the OMNI Layer toward its followup meetings at Session #80.

# Companion Contributions

This contribution is one of a set of contributions:

•IEEE 802.16-12-0350-00-Shet: Open Mobile Network Interface (OMNI) Layer for an IEEE 802 HetNet

•IEEE 802.16-12-0351-00-Shet: Open Mobile Network Interface (OMNI) Layer for an IEEE 802 HetNet: Architecture and Functionality

•IEEE 802.16-12-0352-00-Shet: Open Mobile Network Interface (OMNI) Layer for an IEEE 802 HetNet: Proposed Call for Contributions

PROPOSED DRAFT

Call for Contributions:

*Mobile Broadband*

*Network Performance Measurements*

# *HetNet Study Group*

# Issued: 19 May 2012 AOE

# Deadline: 11 July 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), under the IEEE 802.16 Working Group, through 19 July 2012, with the possibility of extension until November 2012.

During the IEEE 802.16 Working Group’s Session #79, of 14-17 May, the Study Group reviewed multiple input contributions, including a proposal to initiate and lead the development of a PAR on a new Open Mobile Network Interface (OMNI) Layer as the basis of an IEEE 802 heterogeneous network. Input documents, along with Study Group output documents, are available at <http://docii.wirelessman.org>.

In advance of the Study Group’s next meeting, during the IEEE 802.16 Working Group’s Session #79 of 16-19 July, the Study Group is issuing this Call for Contributions requesting further views on the Open Mobile Network Interface (OMNI) Layer and an IEEE 802 heterogeneous network specification. In particular, the Study Group seeks inputs on the following topics:

(1) Comments on the OMNI Layer proposal reviewed at Session #79.

(2) Proposals regarding the architecture of the OMNI Layer as it might be developed within IEEE 802.

(3) Proposals regarding the specific functionality to be provided by the OMNI Layer.

(4) Proposals regarding the utility of the OMNI Layer and comparisons to alternative network approaches.

(5) Proposals regarding the organizational approach within IEEE 802 to the development of an OMNI Layer standard with the appropriate engagement of the relevant Working Groups.

(6) Proposals toward the draft PAR and Five Criteria Statement.

Submit your contribution by the **deadline of 11 July 2012** following the IEEE 802.16 Document Submission Instructions <http://ieee802.org/16/submit.html> using the File Code "Shet".

For further information, contact the following:

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