Call for Contributions:

*OmniRAN Standard for an IEEE 802 HetNet*

 HetNet Study Group

# Issued: 20 July 2012

[Note: Pending renewal of Study Group until November 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, 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).

During the IEEE 802.16 Working Group’s Session #79, the Study Group considered proposals to initiate the development of a PAR on a new Open Mobile Network Interface (OMNI) as the basis of an IEEE 802 heterogeneous network. Further contributions regarding an OmniRAN standard were considered at Session #80. In addition, an IEEE 802 tutorial of 16 July addressed *Heterogeneous Networking among the IEEE 802 Family: Proposal for an OMNI Standard*. Study Group documents are available at <<http://docii-het.wirelessman.org>>.

Following review of contributions at Session #80, the SG hereby issues this Call for Contributions soliciting input documentation to progress the development of a Project Authorization Request (PAR) and Five Criteria Statement on an *IEEE 802 OmniRAN* project. Such 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.

The Study Group particularly seeks inputs on the following topics:

(1) Comments on the OmniRAN contributions reviewed at Sessions #79 and #80, including the content of the IEEE 802 tutorial of 16 July on *Heterogeneous Networking among the IEEE 802 Family: Proposal for an OMNI Standard*.

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

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

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

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

(6) Comments on the proposed draft PAR in IEEE 802.16-12-0449-02-Shet.

(7) Proposals toward the draft Five Criteria Statement.

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

For further information, contact the following:

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