



Call for Contributions:

OmniRAN Standard for an IEEE 802 HetNet

HetNet Study 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](#)), 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](#) (17-20 September 2012 in Indian Wells, CA, USA) and [Session #82](#) (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 above 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:

- IEEE 802.16 Working Group Chair: Roger Marks r.b.marks@ieee.org