

# IEEE 802.16 Working Group on Broadband Wireless Access

## Call for Contributions

### IEEE Project P802.16.3:

## *Mobile Broadband Network Performance Measurements*



**Issued: 23 January 2014**

On 30 August 2012, the IEEE-SA Standards Board authorized Project [P802.16.3](#) for the development of a new standalone standard on *Mobile Broadband Network Performance Measurements*. The [IEEE 802.16 Working Group](#) is assigned to develop the standardization project.

During its [Session #89](#) (20-23 January 2014 in Los Angeles, USA), the IEEE 802.16 Working Group reviewed its “IEEE 802.16.3 Architecture and Requirements for Mobile Broadband Network Performance Measurements” <[IEEE 802.16-12-0682-02](#)> along with contribution 802.16-13-0198.

The IEEE 802.16 Working Group will continue development of the project in a teleconference of 20 February 2014 (15:00 UTC) and then at [Session #90](#) (17-20 March 2014 in Beijing, China). This Call for Contributions solicits input documentation toward the development of P802.16.3, particularly on the following topics:

- (1) [IEEE 802.16-12-0682-02](#) (“[Draft] IEEE 802.16.3 Architecture and Requirements for Mobile Broadband Network Performance Measurements”)
- (2) Comments on working document
- (3) Contributions toward enhancement of [IEEE 802.16-12-0682-02](#), including:
  - A. Incorporation of protocol usage details, based on the suggestions of 802.16-13-0198, with the addition of protocol capability negotiation functionality and generic message exchange.
  - B. Suggestions regarding centralized and distributed resource control, management, and reservation.
  - C. Flexible mechanisms for measurement configuration and scheduling.
- (4) Analysis of available standardized measurement metrics and frameworks suitable for incorporation by reference, such as those included within the work of the IETF IP Performance Metrics (IPPM) Working Group.

Also, the WG believes that it will be helpful to observe real implementations of the P802.16.3 architecture as embodied in measurement systems, including client software. We would like to help to coordinate participants interested in implementing such systems, sharing them with a broader audience, and testing interoperability among systems. We believe that, once communication and data collection begins, it will be possible to quickly advance the process of testing processes and metrics and that this will rapidly progress the standardization. We aim to aid in coordination among interested participants. We invite prospective participants to contribute documentation about their systems, and information about how it can be shared.

Contributions are requested at least two days before the teleconference.

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 "03R0".

For further information, contact the following:

- IEEE 802.16 Working Group Chair: Roger Marks <[r.b.marks@ieee.org](mailto:r.b.marks@ieee.org)>