

Project	IEEE 802.16 Broadband Wireless Access Working Group < http://ieee802.org/16 >	
Title	<i>Network Characterization Standards of the Australian Communications Alliance</i>	
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Re:	<i>Call for Contributions: IEEE P802.16r Amendment for Small Cell Backhaul (SCB) (IEEE 802.16-13-0032-01) for IEEE 802.16's Session #84 of 18-21 March 2013</i>	
Abstract	This contribution brings to the attention of the IEEE 802.16 Working Group four standards of relevance to IEEE Project 802.16.3, all published by the Australian <i>Communications Alliance</i> .	
Purpose	This contribution proposes review of the four Communications Alliance standards by IEEE Project 802.16.3 to determine the relevance of the information to the project.	
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Network Characterization Standards of the Australian Communications Alliance

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Abstract

This contribution brings to the attention of the IEEE 802.16 Working Group four standards of relevance to IEEE Project 802.16.3, all published by the Australian *Communications Alliance*.

Background

This contribution brings to the attention of the IEEE 802.16 Working Group several standards of relevance to IEEE Project 802.16.3. The four standards were developed and published by [Communications Alliance](#), which “was formed to provide a unified voice for the Australian communications industry and to lead it into the next generation of converging networks, technologies and services.” It “offers a forum for the industry to make coherent and constructive contributions to policy development and debate.” Membership of Communications Alliance is “drawn from a wide cross-section of the communications industry, including service providers, vendors, consultants and suppliers as well as business and consumer groups.”

Standards of Interest

[G632:2012](#)

Quality of Service parameters for networks using the Internet Protocol

This Guideline defines a number of IP Network QoS Classes, including performance expectations for each class, and methods of ‘marking’ packets to signal to a receiving network which IP Network QoS Class is expected to be applied to the packet as it travels through the network.

Note: IEEE 802.16-2009 is the subject of Appendix A4.

[G633:2012](#)

Quality of Service for networks using the Internet Protocol - Test methods

This Guideline recommends test methods for the IP Network QoS Classes defined in G632 Quality of Service parameters for networks using the Internet Protocol Guideline.

[G634:2007](#)

Quality of Service parameters for Voice over Internet Protocol (VoIP) services

This Guideline recommends Quality of Service (QoS) categories and identifies influencing impairments for Voice over Internet Protocol (VoIP) Services within Australia.

[G635:2007](#)

Testing Arrangements for Quality of Service Parameters for Voice over Internet Protocol (VoIP) Services

This Guideline recommends testing methods for G634 i.e. testing arrangements for Quality of Service (QoS) parameters for Voice over Internet Protocol (VoIP) Services independent of the network delivery access or mechanism.

Proposal

This contribution proposes review of the four Communications Alliance standards by IEEE Project 802.16.3 to determine the relevance of the information to the project. If appropriate, a liaison statement to the Communications Alliance could be developed for solicitation of further information.