

1. ASSIGNED PROJECT NUMBER: 802.16g
2. SPONSOR DATE OF REQUEST: 2004-07-16
3. TYPE OF DOCUMENT: Standard



4. TITLE OF DOCUMENT: Amendment to IEEE Standard for Local and Metropolitan Area Networks - Part 16: Air Interface for Fixed and Mobile Broadband Wireless Access Systems - Management Plane Procedures and Services

5. LIFE CYCLE: Full-Use

6. TYPE OF PROJECT: Amendment IEEE 802.16-2004; P802.16e

Modified PAR?  
In Ballot? No

#### 7. WORKING GROUP INFORMATION

Name of Working Group: IEEE 802.16 Working Group on Broadband Wireless Access  
Approximate Number of Expected Working Group Members: 100

#### 8. CONTACT INFO FOR WORKING GROUP CHAIR

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#### 10. CONTACT INFO OF SPONSOR

Sponsor: C/LM  
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**11. TYPE OF SPONSOR BALLOT:** [Individual](#)

Expected Date of Submission for Initial Sponsor Ballot: [2006-07-20](#)

**12. PROJECTED COMPLETION DATE FOR SUBMITTAL TO REVCOM:** [2007-01-20](#)

**13. SCOPE:** This document provides enhancements to the MAC and PHY management entities of IEEE Standard 802.16-2004, as amended by P802.16e, to create standardized procedures and interfaces for the management of conformant 802.16 devices.

Completion of this document contingent? [Yes](#)  
[IEEE Standard 802.16-2004 \(completed; submitted to RevCom on 14 May 2004\) IEEE P802.16e \(scheduled for completion in 2004\).](#)

**14. PURPOSE:** To provide conformant 802.16 equipment with procedures and services to enable interoperable and efficient management of network resources, mobility, and spectrum, and to standardize management plane behavior in 802.16 fixed and mobile devices.

14a. Reason:

**15. INTELLECTUAL PROPERTY:**

Patent Policy: [Yes](#)  
Copyrights: [No](#)  
Trademarks: [No](#)  
Registration of Object: [No](#)

**16. SIMILAR SCOPE:** [No](#)

**17. FUTURE ADOPTION - INTERNATIONAL SPONSOR:** [Yes](#)

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**18. FOCUS ON HEALTH, SAFETY OR ENVIRONMENTAL ISSUES:**

Explanation: [No](#).

**19. ADDITIONAL NOTES:** Item #13 - Definition of management plane procedures should be performed with reference to an appropriate architectural model or models. This amendment will not define such an architectural model, but informative reference to architectural models shall be included. This amendment shall informatively define logical reference models for the purpose of minimal definition of network entities. It shall not mandate the use of a particular network model or transport protocol. This amendment will define network information

elements sufficient to enable base station interoperability.

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