

PAR FORM

PAR Status: Amendment of Standard (Unapproved PAR)

PAR Approval Date: 0000-00-00

PAR Signature Page on File: Yes

1. Assigned Project Number: 802.16g

2. Sponsor Date of Request: 2004-06-29

3. Type of Document: Standard for

4. Title of Document:

Draft: 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:

6a. Is this an update to an existing PAR? No

6b. The Project is a: Amendment to Std IEEE 802.16-2004

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 information for Working Group Chair:

Name of Working Group Chair: Roger B Marks

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Email: r.b.marks@ieee.org

9. Contact information for Co-Chair/Official Reporter, Project Editor or Document Custodian if different from the Working Group Chair:

Name of Co-Chair/Official Reporter, Project Editor or Document Custodian:

Telephone: **FAX:**

Email:

10. Contact information for Sponsoring Society or Standards Coordinating Committee:

Name of Sponsoring Society and Committee: Computer Society Local and Metropolitan Area Networks

Name of Sponsoring Committee Chair: Paul Nikolich

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Name of Liaison Rep. (if different from the Sponsor Chair):

Telephone: **FAX:**

Email:

Name of Co-Sponsoring Society and Committee: Microwave Theory and Techniques Society Standards Coordinating Committee

Name of Co-Sponsoring Committee Chair: Jeffrey Jargon

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Email: jargon@boulder.nist.gov

Name of Liaison Rep. (if different from the Sponsor Chair):

Telephone: **FAX:**

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11. The Type of ballot is: Individual Sponsor Ballot

Expected Date of Submission for Initial Sponsor Ballot: 2006-07-20

12. Fill in Projected Completion Date for Submittal to RevCom: 2007-01-20

Explanation for Modified PAR that completion date is being extended past the original four-year life of the PAR:

13. Scope of Proposed Project:

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.

Is the completion of this document contingent upon the completion of another document? Yes

IEEE Standard 802.16-2004 (completed; submitted to RevCom on 14 May 2004); IEEE P802.16e (scheduled for completion in 2004).

14. Purpose of Proposed Project:

The purpose of this project is 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 for the standardization project:

The reason for this project is 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.

15. Intellectual Property:

Has the sponsor reviewed the IEEE patent policy with the working group? Yes

Is the sponsor aware of copyrights relevant to this project? No

Is the sponsor aware of trademarks relevant to this project? No

Is the sponsor aware of possible registration of objects or numbers due to this project? No

16. Are there other documents or projects with a similar scope? No

Similar Scope Project Information:

17. Is there potential for this document (in part or in whole) to be adopted by another national, regional or international organization? Yes

If yes, please answer the following questions:

Which International Organization/Committee? ITU WG8F (R)

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18. If the project will result in any health, safety, or environmental guidance that affects or applies to human health or safety, please explain in five sentences or less.

19. Additional Explanatory Notes: (Item Number and Explanation)

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.