

1. ASSIGNED PROJECT NUMBER

P 802.16g

2. SPONSOR DATE OF REQUEST

Day: 16 Month: 07 Year: 2004

3. TYPE OF DOCUMENT

Standard for {document stressing the verb "shall"}

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

Amendment to an existing document

(indicate Number and year existing document was published in box to the right):

IEEE 802.16-2004; P802.16e

Is this project in ballot now? 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 INFORMATION FOR **WORKING GROUP CHAIR** (must be an SA member as well as an IEEE and/or Affiliate Member)

Name of Working Group Chair:

First Name: Roger

Last Name: Marks

Telephone: +1 303 497 3037

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9. CONTACT INFORMATION FOR **CO-CHAIR/OFFICIAL REPORTER**, Project Editor or Document Custodian if different from the Working Group Chair (must be an SA member as well as an IEEE and/or Affiliate Member)

Name of Co-Chair/Official Reporter (if different than Working Group Chair): First Name:
Last

Name:

Telephone:

FAX:

E-mail:

10. CONTACT INFORMATION FOR **SPONSORING SOCIETY OR STANDARDS COORDINATING COMMITTEE**

Sponsoring Society and Committee: C/LM (Please choose the correct acronym for your Sponsor Society/Technical Committee or SCC. For an acronym list, please [click here](#).)

Sponsor Committee Chair:
First Name: Paul
Last Name: Nikolich
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Standards Coordinator (Power Engineering Society Only):
Standards Coordinator: First Name: Last Name:
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IF THIS PROJECT IS BEING SPONSORED BY TWO SPONSORS, PLEASE
COMPLETE THE INFORMATION BELOW

Sponsoring Society and Committee: MTT (Please choose the correct acronym for
your Sponsor Society/Technical Committee or SCC. For an acronym list, please
[click here.](#))

Sponsor Committee Chair:
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Standards Coordinator (Power Engineering Society Only):
Standards Coordinator:
First Name:
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E-mail:

11. **SPONSOR BALLOTING INFORMATION** (Please choose one of the following):
Individual Balloting

Expected Date of Submission for Initial Sponsor Ballot: Month: 07 Day: 20 Year: 2006)

Please review the PAR form three months prior to submitting your draft for ballot to ensure that the title, scope and purpose on the PAR form match the title, scope and purpose on the draft. If they do not match, you will need to submit a modified PAR. Additional communication and input from other organizations or other IEEE Standards Sponsors should be encouraged through participation in the working group or the invitation pool.

12. **PROJECTED COMPLETION DATE FOR SUBMITTAL TO REVCOM**
Day: 20 Month: 01 Year: 2007

13. **SCOPE OF PROPOSED PROJECT**

Please detail the projected output including technical boundaries. Please be brief (less than 5 lines). FOR REVISED DOCUMENTS ONLY - Please detail the

projected output including the scope of the original document, amendments and additions.

This document provides enhancements to the MAC and PHY management entities of IEEE 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 (with detailed explanation below)

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

Please clearly and concisely define "why" the document is being done. Please be brief (less than 5 lines). FOR REVISED DOCUMENTS ONLY - Please detail the projected output including the scope of the original document, amendments and additions.

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. Please give the specific reason for the standardization project, with particular emphasis on the problem being solved, the benefit to be received and target users or industries.

15. INTELLECTUAL PROPERTY (Answer each of the questions below.)

Sponsor has reviewed the **IEEE-SA patent material** with the working group? Yes

Sponsor is aware of **copyright** permissions needed for this project? No

If yes, please explain:

Sponsor is aware of **trademarks** that apply to this project? No

If yes, please explain:

Sponsor is aware of possible **registration of objects** or numbers to be included in or used by this project? No

If yes, please explain:

16. ARE THERE OTHER DOCUMENTS OR PROJECTS WITH A **SIMILAR SCOPE**?

No

17. **FUTURE ADOPTIONS**

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

If Yes, the following questions must be answered:

Technical Committee Name and Number: ITU 8F (R)

Other Organization Contact Information:

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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.

No.

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, however 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.