



IEEE-SA Standards Board Project Authorization Request (PAR) Form

(2001-Rev 1)

1. Sponsor Date of Request	2. Assigned Project Number	3. PAR Approval Date (to be completed by staff)
2001 Feb 09	P802.16	2001 March 17

Copyright release must be submitted with appropriate signatures by FAX (1-732-562-1571)}

4. Project Title, Recorder and Working Group/Sponsor for this Project

Document type and title: {Place an X in only one option below}

- Standard for**{document stressing the verb "shall" }
- Recommended Practice for**{document stressing the verb "should" }
- Guide for** {document in which good practices are suggested, stressing the verb "may" }

Title: Local and Metropolitan Area Networks - Part 16: Standard Air Interface for Fixed Broadband Wireless Access Systems

Name of Working Group (WG): IEEE 802.16 Working Group on Broadband Wireless Access

Name of Official Reporter (usually the WG Chair) who must be an SA member as well as an IEEE and/or Affiliate Member: Roger B. Marks

IEEE Standards Staff has verified that the Official Reporter (or Working Group Chair) is an IEEE and an IEEE-SA member: [] (Staff to check box)

Contact Information:

Telephone	+1 303 497 3037	FAX:	+1 303 497 7828
E-mail:	r.b.marks@ieee.org		

Name of Working Group Chair (if different than Reporter):

IEEE Standards Staff has verified that the Working Group Chair is an IEEE and an IEEE-SA member: [] (Staff to check box)

Contact Information:

Telephone	[...]	FAX:	[...]
E-mail:	[...]		

Name of Sponsoring Society and Committee: Computer Society, LAN/MAN Standards Committee; Microwave Theory and Techniques Society

Name of Committee Sponsor Chair: Jim Carlo, Chair, LAN/MAN Standards Committee

IEEE Standards Staff has verified that the Sponsor [] (Staff to check box)
Chair is an IEEE and an IEEE-SA member:

Contact Information:

Telephone +1 214 340 8837 FAX: +1 214 853 5274

E-mail: jcarlo@ti.com

5. Type of Project

a. Is this an update to an existing PAR? [Yes]

If YES, indicate PAR Number/Approval Date [P802.16.1-2000]

If YES, is this project in ballot now? [No]

[Indicate changes/rationale for revised PAR in Item #16. This should be no more than 5 lines.]

b. Choose one from the following:

[x] New standard

[...] Revision of existing standard {number and year} [...]

[...] Amendment to an existing standard {number and year} [...]

[...] Corrigendum to an existing standard {number and year} [...]

6. Life Cycle

[x] Full Use (5-year life cycle)

[...] Trial Use (2-year life cycle)

7. Balloting Information

Choose one from the following:

[x] Individual Sponsor Balloting

[...] Entity Sponsor Balloting

[...] Mixed Balloting (combination of Individual and Entity Sponsor Balloting)

Expected Date of Submission for Initial Sponsor Ballot: [2001 June 01]

8. Fill in Projected Completion Date for Submittal to RevCom: 2001 Aug 03

9. Scope of Proposed Project:

This standard specifies the physical layer and media access control layer of the air interface of interoperable fixed point-to-multipoint broadband wireless access systems. The specification enables transport of data, video, and voice services. It applies to systems operating in the vicinity of 30 GHz but is broadly applicable to systems operating between 10 and 66 GHz.

10. Purpose of Proposed Project:

To enable rapid worldwide deployment of innovative, cost-effective, and interoperable multivendor broadband wireless access products. To facilitate competition in broadband access by providing alternatives to wireline broadband access. To facilitate coexistence studies, encourage consistent worldwide allocation, and accelerate the commercialization of broadband wireless access spectrum.

11. Intellectual Property {Answer each of the questions below}

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

Are you aware of the possibility of any copyrights relevant to this project? **Yes**

Are you aware of the possibility of any trademarks relevant to this project? **Yes**

Are you aware of possible registration of objects or numbers due to this project? **Yes**

12. Are you aware of any other standards or projects with a similar scope?

Yes

Explanation: **The Broadband Radio Access Networks (BRAN) Committee of the European Telecommunications Standards Institute (ETSI) has a project known as HIPERACCESS which is attempting to standardize broadband wireless access in Europe. This is a regional standards effort with limited participation by the rest of the world. Furthermore, the project addresses regional markets with specific regulatory conditions distinct from those of other areas. We have held a joint meeting with this group and appointed a liaison. We plan to coordinate with them and will seek harmony where possible.**

13. International Submissions

Will this standard (in part or in whole) be submitted to an international organization for consideration/adoption?

Yes

If Yes, please answer the following questions:

Which International Organization/Committee **ITU-R**

International Contact Information:

Name: **Dr. José M. Costa**

Address: **P.O. Box 3511, Station C, Ottawa, ON K1Y 4H7 Canada**

Phone: **+1 613 763 7574**

FAX: **+1 613 763 1225**

Email: **costa@nortelnetworks.com**

14. Is this project intended to focus on health, safety or environmental issues? **No**

15. Mandatory Coordination

SCC 10 (IEEE Dictionary) by **DR** {Circulation of **DR**afts}

IEEE Staff Editorial Review by **DR**

SCC 14 (Quantities, Units and Letter symbols) by **DR**

Additional communication and input from other organizations or other IEEE Standards Sponsors should be encouraged through participation in the working group or the balloting pool.

16. Additional Explanatory Notes: {Item Number and Explanation}

5a) This revision rennumbers the PAR from “802.16.1” to “802.16” and simplifies the title. The PAR is also brought into the current format.