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23 September 2005

Paul Nikolich
18 Bishops Lane
Lynnfield, MA 01940
p.nikolich@ieee.org

Re: P802.3at - Information technology Telecommunications and information exchange between systems Local and metropolitan area networks Specific requirements Part 3: Carrier Sense Multiple Access with Collision Detection (CSMA/CD) access method and physical layer specifications Amendment: DTE Power via the MDI Enhancements

Dear Paul:

I am pleased to inform you that on 22 September 2005 the IEEE-SA Standards Board approved the above referenced project until 31 December 2009. A copy of the file can be found on our website at <http://standards.ieee.org/board/nes/projects/802-3at.pdf>.

Now that your project has been approved, please forward a roster of participants involved in the development of this project. This request is in accordance with the IEEE-SA Operations Manual, Clause 5.1.2i under Duties of the Sponsor which states:

"Submit annually to the IEEE Standards Department an electronic roster of individuals participating on standards projects"

For your convenience, an Excel spreadsheet for your use has been posted on our website at <http://standards.ieee.org/guides/par/roster.xls>. Please forward this list to me via e-mail at j.haasz@ieee.org no later than 21 December 2005.

Please visit our website, IEEE Standards Development Online (<http://standards.ieee.org/resources/development/index.html>), for tools, forms and training to assist you in the standards development process. Also, we strongly recommend that a copy of your draft be sent to this office for review prior to the final vote by the working group to allow for a quick review by editorial staff before sponsor balloting begins.

If you should have any further questions, please contact me at 732-562-6367 or by email at j.haasz@ieee.org.

Sincerely,

Jodi Haasz
Program Manager
International Stds Programs and Governance
Standards Activities
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CC: bob.grow@ieee.org

PAR FORM

PAR Status: Amendment of Standard

PAR Approval Date: 2005-09-22

PAR Signature Page on File: Yes

1. Assigned Project Number: P802.3at

2. Sponsor Date of Request: 2005-07-22

3. Type of Document:

4. Title of Document:

Draft: Information technology/Telecommunications and information exchange between systems/Local and metropolitan area networks/Specific requirements/Part 3: Carrier Sense Multiple Access with Collision Detection (CSMA/CD) access method and physical layer specifications Amendment: DTE Power via the MDI Enhancements

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 802.3

7. Working Group Information:

Name of Working Group: IEEE 802.3 CSMA/CD (Ethernet)

Approximate Number of Expected Working Group Members:200

8. Contact information for Working Group Chair:

Name of Working Group Chair: Robert M Grow

Telephone: 858-391-4622 **FAX:** 858-391-4657

Email: bob.grow@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: IEEE Computer Society Local and Metropolitan Area Networks

Name of Sponsoring Committee Chair: Paul Nikolich

Telephone: 857-205-0050 **FAX:** 781-334-2255

Email: p.nikolich@ieee.org

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

Telephone: FAX:

Email:

Name of Co-Sponsoring Society and Committee:

Name of Co-Sponsoring Committee Chair:

Telephone: FAX:

Email:

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

Telephone: FAX:

Email:

11. The Type of ballot is: Individual Sponsor Ballot

Expected Date of Submission for Initial Sponsor Ballot: November 2007

12. Projected Completion Date for Submittal to RevCom: April 2008

Target Extension Request Information for a Modified PAR whose completion date is being extended past the original four-year life of the PAR:

13. Scope of Proposed Project:

The scope of this project is to augment the capabilities of the IEEE Std 802.3 standard with higher power levels and improved power management information. The project will augment the methodology for the provision of power via balanced cabling to connected Data Terminal Equipment with 802.3 interfaces. Optional augmented power limit will be made available for certain structured cabling systems. Compatibility with existing equipment will be maintained.

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

No

14. Purpose of Proposed Project:

The purpose of the proposed project is to include higher power applications while providing enhanced power management information to reduce total system cost.

15. Reason for the Proposed Project:

Since the publication of IEEE Std 802.3af-2003, significant market demand has emerged for applications (e.g. multiband wireless access points and controllable security cameras) beyond the power level defined in the standard. Evolution of the installed base of structured cabling systems since the time of commencement of the IEEE 802.3af project now enables higher attainable power. The market now demands that the total system cost of augmented power levels must be mitigated through improved power management.

16. Intellectual Property:

a. Has the IEEE-SA policy on intellectual property been presented to those responsible for preparing/submitting this PAR? Yes 2005-03-15

b. Is the sponsor aware of copyright permissions needed for this project? No

c. Is the sponsor aware of trademarks that apply to this project? No

d. Is the sponsor aware of possible registration activity related to this project? No

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

Similar Scope Project Information:

18. 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:

Organization Name? ISO/IEC JTC1 SC6 WG1

Technical

Committee

International Robin Tasker

Contact CLRC

Information?R.Tasker@dl.ac.uk

19. Will this project result in any health, safety, or environmental guidance that affects or applies to human health or safety? No

If yes, please explain:

20. Sponsor Information

a. Is the scope of this project within the approved/scope/definition of the Sponsor's Charter? Yes

If no, please explain:

b. The Sponsor's procedures have been accepted by the IEEE-SA Standards Board Audit Committee? Yes

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

20b The status of AudCom approval of LMSC P&P was an item of discussion in June 2005. The status should be clarified by the September NesCom meeting.