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10 December 2004

Paul Nikolich  
18 Bishops Lane  
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paul.nikolich@att.net

Re: P802.3as - 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) Amendment: Frame format extensions

Dear Paul:

I am pleased to inform you that on 08 December 2004 the IEEE-SA Standards Board approved the above  
referenced project until 31 December 2008. A copy of the file can be found on our website at  
<http://standards.ieee.org/board/nes/projects/802-3as.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](mailto:j.haasz@ieee.org) no  
later than 8 March 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](mailto:j.haasz@ieee.org).

Sincerely,

Jodi Haasz  
Program Manager  
International Stds Programs and Governance  
Standards Activities  
Phone +1 732 562 6367  
FAX +1 732 875 0695  
Email: [j.haasz@ieee.org](mailto:j.haasz@ieee.org)

cc: [bob.grow@ieee.org](mailto:bob.grow@ieee.org)

# PAR FORM

**PAR Status:** Amendment of Standard

**PAR Approval Date:** 2004-12-08

**PAR Signature Page on File:** Yes

**1. Assigned Project Number:** 802.3as

**2. Sponsor Date of Request:** 2004-10-15

**3. Type of Document:** Standard for

**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) Amendment: Frame format extensions

**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:** Computer Society Local and Metropolitan Area Networks

**Name of Sponsoring Committee Chair:** Paul Nikolich

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

**Email:** paul.nikolich@att.net

**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:** 2005-07-25

**12. Fill in Projected Completion Date for Submittal to RevCom:** 2005-09-15

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

**13. Scope of Proposed Project:**

Specify the IEEE 802.3 frame format when optional envelope information is present while preserving the original MAC service data unit. Also, specify related adjustments to IEEE 802.3 Media Access Control (MAC) parameters and management attribute definitions.

**Is the completion of this document contingent upon the completion of another document?** No

**14. Purpose of Proposed Project:**

The purpose of this project is to extend the size of the IEEE 802.3 frame format to accommodate IEEE 802.1ad Provider Bridging, IEEE 802.1AE MACSec and other applications requiring envelope information.

**14a. Reason for the standardization project:**

There are multiple new projects – both inside and outside IEEE 802 – defining applications that require additional optional fields within Ethernet frames, but do not require a larger data field. These are all driving the need to solidify a standards-based, interoperable, extensible frame format. The market includes the existing large installed-base of Ethernet users interested in emerging and future developments such as Provider Bridging, link security and Ethernet transport/encapsulation.

**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?** Yes

Management arcs will be allocated under the existing 802.3 hierarchy of arcs (if any new arcs are required).

**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?** ISO/IEC JTC1 SC6

**International Contact** Robin Tasker

**Information?** CLRC

+44-1925-603758

R.Tasker@dl.ac.uk

**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)**

6 - This amendment at time of sponsor ballot will be to the then current revision of IEEE 802.3 as amended. (P802.3REVam revision publication is expected early 2005, but the project is not contingent on completion of P802.3REVam.) 7 - IEEE

802.3 voting membership at PAR submission is 200+ individuals from 120+ entities. 16- IEEE 802.1ad Provider Bridging and IEEE 802.1AE MACSec are specifying added prefix and suffix fields within their scope. ITU-T SG15 Q12 is specifying Ethernet transport services, encapsulations and interfaces (e.g., UNI, NNI) within their scope. The project proposed in this PAR will address related items which are within the scope of IEEE 802.3 Working Group.