

PAR FORM

PAR Status: Amendment of Standard (Unapproved PAR)

PAR Approval Date: 0000-00-00

PAR Signature Page on File: Yes

Review of Standards Development Process: No

1. Assigned Project Number: 802.3ak

2. Sponsor Date of Request: 2003-02-03

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) Access Method and Physical Layer Specifications Amendment: Physical Layer and Management Parameters for 10 Gb/s Operation, Type 10GBASE-CX4

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 802.3-2002 and 802.3ae-2002

7. Contact Information of Working Group:

Name of Working Group: 802.3

Name of Working Group Chair: Robert M Grow

Telephone: 858-391-4622 **FAX:** 858-391-4659

Email: bob.grow@ieee.org

8. Contact Information of Official Reporter (If different than Working Group Chair)

Name of Official Reporter: (if different than WG contact)

Telephone: FAX:

Email:

9. Contact Information of 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: p.nikolich@ieee.org

Name of Liaison Rep. (If different than Sponsor Chair):

Telephone: FAX:

Email:

10. The Type of ballot is: Individual Sponsor Ballot

Expected Date of Submission for Initial Sponsor Ballot: 2003-07-21

11. Fill in Projected Completion Date for Submittal to RevCom: 2003-09-24

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

12. Scope of Proposed Project:

The scope of this project is to specify additions to and appropriate modifications of IEEE Std 802.3 as amended by IEEE Std 802.3ae-2002 (and any other approved amendment or corrigendum) to add a copper Physical Medium Dependent (PMD) option for 10 Gb/s operation, building upon the existing 10GBASE-X Physical Coding Sublayer (PCS) and 10 Gigabit Attachment Unit Interface (XAUI) specifications.

13. Purpose of Proposed Project:

The purpose of this project is to provide a lower-cost option for interconnection of closely located equipment (within ~15m of cable), typically within a stack or between equipment racks within a room.

14. Intellectual Property:

Sponsor has reviewed the IEEE patent policy with the working group? Yes

Sponsor is aware of copyrights relevant to this project? No

Sponsor is aware of trademarks relevant to this project? No

Sponsor is aware of possible registration of objects or numbers due to this project? Yes

15. Are you aware of other standards or projects with a similar scope? No

Similar Scope Project Information:

16. Is there potential for this standard (in part or in whole) to be submitted to an international organization for review/adoption?: Yes

If yes, please answer the following questions:

Which International Organization/Committee? IEC TCJTC1 SC6 WG3

International Contact Robin Tasker

Information? CLRC

+44-1925-603758

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17. Will this project focus on Health, Safety or Environmental Issues? No

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