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**1. ASSIGNED PROJECT NUMBER:** 802.3aq

**2. SPONSOR DATE OF REQUEST:** 2004-03-25

**3. TYPE OF DOCUMENT:** Standard

**4. TITLE OF DOCUMENT:** 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-xx

**5. LIFE CYCLE:** Full-Use

**6. TYPE OF PROJECT:** Amendment 802.3-2002

Modified PAR?

In Ballot? No

## **7. WORKING GROUP INFORMATION**

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

Approximate Number of Expected Working Group Members: 200

## **8. CONTACT INFO FOR WORKING GROUP CHAIR**

Name of Working Group Chair: Robert Grow

Telephone: 858-391-4622

FAX: 858-391-4657

E-mail: bob.grow@ieee.org

## **9. CONTACT INFO OF CO-CHAIR/OFFICIAL REPORTER**

Name of Co-Chair/Official Reporter:

Telephone:

FAX:

E-mail:

## **10. CONTACT INFO OF SPONSOR**

Sponsor: C/LM

Name of Sponsor Chair: Paul Nikolich

Telephone: 857-205-0050

FAX: 781-334-2255

E-mail: p,nikolich@ieee.org

**Standards Coordinator (Power Engineering Society Only):**

**This is the information you entered:**

Name:

Telephone: Fax:

E-mail:

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**CO-SPONSOR INFORMATION (THIS IS BEING SPONSORED BY TWO SPONSORS):**

Cosponsor:

Name of Cosponsor Chair:

Telephone:

FAX:

E-mail:

**Standards Coordinator for Cosponsor (Power Engineering Society Only):**

**This is the information you entered:**

Name:

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**11. TYPE OF SPONSOR BALLOT:** Individual

Expected Date of Submission for Initial Sponsor Ballot: 2005-07-01

**12. PROJECTED COMPLETION DATE FOR SUBMITTAL TO REVCOM:** 2006-02-01

**13. SCOPE:** The scope of this project is to specify additions to and appropriate modifications of IEEE Std 802.3-2002 as amended to add a Physical Layer (PHY) for operation at 10 Gb/s on standards based structured fiber cabling, using the existing MAC and with extensions to the appropriate physical layer management parameters of IEEE Std 802.3.

Completion of this document contingent? No

**14. PURPOSE:**

14a. Reason: This project will define a lower-cost, 10Gb/s serial PHY that supports a link distance of at least 220m over installed FDDI-grade multimode fiber. The specification should enable migration to smaller form factor pluggable modules.

**15. INTELLECTUAL PROPERTY:**

Patent Policy: Yes

Copyrights: No

Trademarks: No

Registration of Object: Yes Management arcs will be allocated under the existing 802.3 hierarchy of arcs.

**16. SIMILAR SCOPE:** No

**17. FUTURE ADOPTION - INTERNATIONAL SPONSOR:**

Int'l Organization: IEC JTC1 6 3

Int'l Contact Person: Robin Tasker

Telephone: +44-1925-603758

FAX:

E-mail: R.Tasker@dl.ac.uk

**18. FOCUS ON HEALTH, SAFETY OR ENVIRONMENTAL ISSUES:**

Explanation:

**19. ADDITIONAL NOTES:** 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 expected late 2004 or early 2005). 7. IEEE 802.3 voting membership at PAR submission is 200+ individuals from 120+ entities.

I acknowledge having read and understood the IEEE Code of Ethics I agree to conduct myself in a manner which adheres to the IEEE Code of Ethics when engaged in official IEEE business.

REVIEWED & SUBMIT

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