

Once you approve and submit the following information, changes may only be made through the NesCom Administrator.

Draft PAR Confirmation Number: 173855908.5838
Submittal Email: glen.kramer@ieee.org
Type of Project: Amendment to an Existing Standard 802.3-2005
1.1 Project Number: P802.3av
1.2 Type of Document: Standard for
1.3 Life Cycle: Full
1.4 Is this project in ballot now? No
2.1 Title of Standard: IEEE Standard for 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 Specifications and Management Parameters for 10Gb/s Passive Optical Networks
3.1 Name of Working Group: Ethernet Working Group
Contact information for Working Group Chair Robert M Grow Email: bob.grow@ieee.org Phone: 858-391-4622
Contact Information for Working Group Vice Chair David J Law Email: david_law@ieee.org Phone: +44-131-665-7264
3.2 Sponsoring Society and Committee: IEEE Computer Society/Local and Metropolitan Area Networks (C/LM) Contact information for Sponsor Chair: Paul Nikolich Email: p.nikolich@ieee.org Phone: 857-205-0050 Contact information for Standards Representative: Email: Phone:
3.3 Joint Sponsor: / () Contact information for Sponsor Chair: Email: Phone: Contact information for Standards Representative: Email: Phone:
4.1 Type of Ballot: Individual

4.2 Expected Date of Submission for Initial Sponsor Ballot: 2008-07
4.3 Projected Completion Date for Submittal to RevCom: 2009-03
5.1 Approximate number of people expected to work on this project: 50
5.2 Scope of Proposed Standard: The scope of this project is to amend IEEE Std 802.3 to add physical layer specifications and management parameters for symmetric and/or asymmetric operation at 10 Gb/s on point-to-multipoint passive optical networks.
5.3 Is the completion of this standard is dependent upon the completion of another standard: No If yes, please explain:
5.4 Purpose of Proposed Standard: To significantly increase performance of point-to-multipoint architecture (Ethernet Passive Optical Network) to support emerging bandwidth-intensive services while considering equipment, operation, upgrade, and maintenance costs.
5.5 Need for the Project: The project is applicable to subscriber access, back-haul, and multi-dwelling unit environments. The project is needed to enable telecommunications operators and multiple system operators to provide advanced bandwidth-intensive services, such as high-definition television, while: reducing footprint and power consumption of central office equipment; minimizing service upgrade cost; and minimizing fiber deployment costs.
5.6 Stakeholders for the Standard: Telecom system and component vendors, telecommunications carriers, and multiple system operators (MSOs)
Intellectual Property 6.1.a. Has the IEEE-SA policy on intellectual property been presented to those responsible for preparing/submitting this PAR prior to the PAR submittal to the IEEE-SA Standards Board? Yes If yes, state date: 2006-05-24 If no, please explain: 6.1.b. Is the Sponsor aware of any copyright permissions needed for this project? No If yes, please explain: 6.1.c. Is the Sponsor aware of possible registration activity related to this project? No If yes, please explain:
7.1 Are there other standards or projects with a similar scope? No If yes, please explain: and answer the following: Sponsor Organization: Project/Standard Number: Project/Standard Date: 0000-00-00 Project/Standard Title:
7.2 Future Adoptions Is there potential for this standard (in part or in whole) to be adopted by another national, regional, or international organization? Yes If Yes, the following questions must be answered: Technical Committee Name and Number: ISO SC6 WG3 Other Organization Contact Information: Contact person: Robin Tasker

Contact Email address: r.tasker@dl.ac.uk

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

If yes, please explain:

7.4 Additional Explanatory Notes: (Item Number and Explanation)

8.1 Sponsor Information:

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

If no, please explain:

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