

P802.3-2008/Cor 1

Submitter Email: david_law@ieee.org
Type of Project: Corrigendum to IEEE Standard
PAR Request Date: 01-Dec-2008
PAR Approval Date: 30-Jan-2009
PAR Expiration Date: 31-Dec-2012
Status: PAR for a Corrigendum to an existing IEEE Standard 802.3-2008
Project Record: 802.3

1.1 Project Number: P802.3-2008/Cor 1
1.2 Type of Document: Standard
1.3 Life Cycle: Full Use

2.1 Title: 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
- Corrigendum 1 Timing Considerations for PAUSE Operation

3.1 Working Group: Ethernet Working Group (C/LM/WG802.3)

Contact Information for Working Group Chair

Name: David Law
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3.2 Sponsoring Society and Committee: IEEE Computer Society/Local and Metropolitan Area Networks (C/LM)

Contact Information for Sponsor Chair

Name: Paul Nikolich
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Contact Information for Standards Representative

None

4.1 Type of Ballot: Individual

4.2 Expected Date of submission of draft to the IEEE-SA for Initial Sponsor Ballot: 07/2009

4.3 Projected Completion Date for Submittal to RevCom: 12/2009

5.1 Approximate number of people expected to be actively involved in the development of this project: 10

5.2 Scope: The scope is to correct the PAUSE reaction delay value so that it is sufficient for all IEEE Std 802.3 Physical Layer entity (PHY) types.

5.3 Is the completion of this standard dependent upon the completion of another standard: No

5.4 Purpose: The PAUSE reaction delay value specified is not sufficient for all PHYs.

5.5 Need for the Project: A corrigendum is required as implementers may rely on PAUSE reaction delay value when allocating the buffer space required for non-drop operation with PAUSE. The current PAUSE reaction delay value will not be sufficient to achieve this for some PHY types.

5.6 Stakeholders for the Standard: Equipment vendors, chip vendors, end users over a wide set of markets.

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: 15-Sep-2008

6.1.b. Is the Sponsor aware of any copyright permissions needed for this project?: No

6.1.c. Is the Sponsor aware of possible registration activity related to this project?: No

7.1 Are there other standards or projects with a similar scope?: No

7.2 International Activities

a. Adoption

Is there potential for this standard (in part or in whole) to be adopted by another national, regional or international organization?: No

b. Joint Development

Is it the intent to develop this document jointly with another organization?: No

c. Harmonization

Are you aware of another organization that may be interested in portions of this document in their standardization development efforts?: No

8.1 Additional Explanatory Notes (Item Number and Explanation):